APPENDIX 5.3 BIG-1

AIR QUALITY TECHNICAL REPORT

*PART 10

1427	387393.93, 3749398.71	18.9581	9.23E-04	1.28E-03	4.54E-03	3.20E-07	9.65E-07	5.58E-07	5.58E-07	5.06E-07	2.31E-07	2.31E-07	1.07E-08	2.58E-07	5.69E-08	7.58E-08	1.20E-07	2.12E-08	1.52E-08	5.58E-07
1428	387393.93, 3749423.71	20.47751	9.97E-04	1.39E-03	4.91E-03	3.45E-07	1.04E-06	6.03E-07	6.03E-07	5.47E-07	2.50E-07	2.50E-07	1.15E-08	2.78E-07	6.14E-08	8.19E-08	1.30E-07	2.29E-08	1.65E-08	6.03E-07
1429	387393.93, 3749448.71	23.07844	1.12E-03	1.56E-03	5.53E-03	3.89E-07	1.17E-06	6.80E-07	6.80E-07	6.16E-07	2.81E-07	2.81E-07	1.30E-08	3.14E-07	6.92E-08	9.23E-08	1.46E-07	2.58E-08	1.85E-08	6.79E-07
1430	387418.93, 3748973.71	9.16928	4.46E-04	6.20E-04	2.20E-03	1.55E-07	4.67E-07	2.70E-07	2.70E-07	2.45E-07	1.12E-07	1.12E-07	5.16E-09	1.25E-07	2.75E-08	3.67E-08	5.82E-08	1.03E-08	7.37E-09	2.70E-07
1431	387418.93, 3748998.71	10.12163	4.93E-04	6.85E-04	2.43E-03	1.71E-07	5.15E-07	2.98E-07	2.98E-07	2.70E-07	1.23E-07	1.23E-07	5.70E-09	1.38E-07	3.04E-08	4.05E-08	6.42E-08	1.13E-08	8.14E-09	2.98E-07
1432	387418.93, 3749023.71	11.0247	5.37E-04	7.46E-04	2.64E-03	1.86E-07	5.61E-07	3.25E-07	3.25E-07	2.94E-07	1.34E-07	1.34E-07	6.20E-09	1.50E-07	3.31E-08	4.41E-08	7.00E-08	1.23E-08	8.86E-09	3.24E-07
1433	387418.93, 3749048.71	11.93021	5.81E-04	8.07E-04	2.86E-03	2.01E-07	6.07E-07	3.51E-07	3.51E-07	3.19E-07	1.45E-07	1.45E-07	6.71E-09	1.62E-07	3.58E-08	4.77E-08	7.57E-08	1.33E-08	9.59E-09	3.51E-07
1434	387418.93, 3749073.71	12.87028	6.27E-04	8.71E-04	3.08E-03	2.17E-07	6.55E-07	3.79E-07	3.79E-07	3.44E-07	1.57E-07	1.57E-07	7.24E-09	1.75E-07	3.86E-08	5.15E-08	8.17E-08	1.44E-08	1.03E-08	3.79E-07
1435	387418.93, 3749098.71	13.8852	6.76E-04	9.39E-04	3.33E-03	2.34E-07	7.07E-07	4.09E-07	4.09E-07	3.71E-07	1.69E-07	1.69E-07	7.81E-09	1.89E-07	4.17E-08	5.55E-08	8.81E-08	1.55E-08	1.12E-08	4.09E-07
1436	387418.93, 3749123.71	15.00273	7.30E-04	1.01E-03	3.60E-03	2.53E-07	7.63E-07	4.42E-07	4.42E-07	4.01E-07	1.83E-07	1.83E-07	8.44E-09	2.04E-07	4.50E-08	6.00E-08	9.52E-08	1.68E-08	1.21E-08	4.41E-07
1437	387418.93, 3749148.71	16.21846	7.90E-04	1.10E-03	3.89E-03	2.73E-07	8.25E-07	4.78E-07	4.78E-07	4.33E-07	1.98E-07	1.98E-07	9.13E-09	2.20E-07	4.87E-08	6.49E-08	1.03E-07	1.81E-08	1.30E-08	4.77E-07
1438	387418.93, 3749173.71	17.75228	8.64E-04	1.20E-03	4.25E-03	2.99E-07	9.03E-07	5.23E-07	5.23E-07	4.74E-07	2.16E-07	2.16E-07	9.99E-09	2.41E-07	5.33E-08	7.10E-08	1.13E-07	1.99E-08	1.43E-08	5.22E-07
1439	387418.93, 3749198.71	19.34701	9.42E-04	1.31E-03	4.64E-03	3.26E-07	9.85E-07	5.70E-07	5.70E-07	5.17E-07	2.36E-07	2.36E-07	1.09E-08	2.63E-07	5.80E-08	7.74E-08	1.23E-07	2.16E-08	1.56E-08	5.69E-07
1440	387418.93, 3749223.71	21.5486	1.05E-03	1.46E-03	5.16E-03	3.63E-07	1.10E-06	6.35E-07	6.35E-07	5.75E-07	2.63E-07	2.63E-07	1.21E-08	2.93E-07	6.46E-08	8.62E-08	1.37E-07	2.41E-08	1.73E-08	6.34E-07
1441	387418.93, 3749248.71	23.85562	1.16E-03	1.61E-03	5.72E-03	4.02E-07	1.21E-06	7.03E-07	7.03E-07	6.37E-07	2.91E-07	2.91E-07	1.34E-08	3.24E-07	7.16E-08	9.54E-08	1.51E-07	2.67E-08	1.92E-08	7.02E-07
1442	387443.93, 3748973.71	16.84671	8.20E-04	1.14E-03	4.04E-03	2.84E-07	8.57E-07	4.96E-07	4.96E-07	4.50E-07	2.05E-07	2.05E-07	9.48E-09	2.29E-07	5.05E-08	6.74E-08	1.07E-07	1.88E-08	1.35E-08	4.96E-07
1443	387443.93, 3748998.71	19.12667	9.31E-04	1.29E-03	4.58E-03	3.22E-07	9.73E-07	5.63E-07	5.63E-07	5.11E-07	2.33E-07	2.33E-07	1.08E-08	2.60E-07	5.74E-08	7.65E-08	1.21E-07	2.14E-08	1.54E-08	5.63E-07
1444	387443.93, 3749023.71	21.61505	1.05E-03	1.46E-03	5.18E-03	3.64E-07	1.10E-06	6.37E-07	6.37E-07	5.77E-07	2.63E-07	2.63E-07	1.22E-08	2.94E-07	6.48E-08	8.65E-08	1.37E-07	2.42E-08	1.74E-08	6.36E-07
1445	387443.93, 3749048.71	24.48678	1.19E-03	1.66E-03	5.87E-03	4.13E-07	1.25E-06	7.21E-07	7.21E-07	6.54E-07	2.98E-07	2.98E-07	1.38E-08	3.33E-07	7.35E-08	9.79E-08	1.55E-07	2.74E-08	1.97E-08	7.20E-07
1446	386594.45, 3751402.42	1.01296	4.93E-05	6.85E-05	2.43E-04	1.71E-08	5.15E-08	2.98E-08	2.98E-08	2.71E-08	1.23E-08	1.23E-08	5.70E-10	1.38E-08	3.04E-09	4.05E-09	6.43E-09	1.13E-09	8.14E-10	2.98E-08
1447	386594.45, 3751452.42	1.00114	4.87E-05	6.77E-05	2.40E-04	1.69E-08	5.09E-08	2.95E-08	2.95E-08	2.67E-08	1.22E-08	1.22E-08	5.63E-10	1.36E-08	3.00E-09	4.00E-09	6.35E-09	1.12E-09	8.05E-10	2.95E-08
1448	386594.45, 3751502.42	0.98935	4.82E-05	6.69E-05	2.37E-04	1.67E-08	5.03E-08	2.91E-08	2.91E-08	2.64E-08	1.21E-08	1.21E-08	5.57E-10	1.34E-08	2.97E-09	3.96E-09	6.28E-09	1.11E-09	7.95E-10	2.91E-08
1449	386594.45, 3751552.42	0.97457	4.74E-05	6.59E-05	2.34E-04	1.64E-08	4.96E-08	2.87E-08	2.87E-08	2.60E-08	1.19E-08	1.19E-08	5.48E-10	1.32E-08	2.92E-09	3.90E-09	6.18E-09	1.09E-09	7.83E-10	2.87E-08
1450	386594.45, 3751602.42	0.9535	4.64E-05	6.45E-05	2.29E-04	1.61E-08	4.85E-08	2.81E-08	2.81E-08	2.55E-08	1.16E-08	1.16E-08	5.37E-10	1.30E-08	2.86E-09	3.81E-09	6.05E-09	1.07E-09	7.66E-10	2.81E-08
1451	386594.45, 3751652.42	0.93062	4.53E-05	6.30E-05	2.23E-04	1.57E-08	4.74E-08	2.74E-08	2.74E-08	2.49E-08	1.13E-08	1.13E-08	5.24E-10	1.27E-08	2.79E-09	3.72E-09	5.90E-09	1.04E-09	7.48E-10	2.74E-08
1452	386594.45, 3751702.42	0.90681	4.42E-05	6.13E-05	2.17E-04	1.53E-08	4.61E-08	2.67E-08	2.67E-08	2.42E-08	1.10E-08	1.10E-08	5.10E-10	1.23E-08	2.72E-09	3.63E-09	5.75E-09	1.01E-09	7.29E-10	2.67E-08
1453	386594.45, 3751752.42	0.88074	4.29E-05	5.96E-05	2.11E-04	1.48E-08	4.48E-08	2.59E-08	2.59E-08	2.35E-08	1.07E-08	1.07E-08	4.96E-10	1.20E-08	2.64E-09	3.52E-09	5.59E-09	9.85E-10	7.08E-10	2.59E-08
1454	386594.45, 3751802.42	0.84813	4.13E-05	5.74E-05	2.03E-04	1.43E-08	4.32E-08	2.50E-08	2.50E-08	2.26E-08	1.03E-08	1.03E-08	4.77E-10	1.15E-08	2.54E-09	3.39E-09	5.38E-09	9.48E-10	6.82E-10	2.50E-08
1455	386594.45, 3751852.42	0.81051	3.95E-05	5.48E-05	1.94E-04	1.37E-08	4.12E-08	2.39E-08	2.39E-08	2.16E-08	9.88E-09	9.88E-09	4.56E-10	1.10E-08	2.43E-09	3.24E-09	5.14E-09	9.06E-10	6.51E-10	2.38E-08
1456	386644.45, 3750852.42	1.12866	5.50E-05	7.63E-05	2.71E-04	1.90E-08	5.74E-08	3.32E-08	3.32E-08	3.01E-08	1.38E-08	1.38E-08	6.35E-10	1.53E-08	3.39E-09	4.51E-09	7.16E-09	1.26E-09	9.07E-10	3.32E-08
1457	386644.45, 3750902.42	1.16059	5.65E-05	7.85E-05	2.78E-04	1.96E-08	5.91E-08	3.42E-08	3.42E-08	3.10E-08	1.41E-08	1.41E-08	6.53E-10	1.58E-08	3.48E-09	4.64E-09	7.36E-09	1.30E-09	9.33E-10	3.41E-08
1458	386644.45, 3750952.42	1.16915	5.69E-05	7.91E-05	2.80E-04	1.97E-08	5.95E-08	3.44E-08	3.44E-08	3.12E-08	1.42E-08	1.42E-08	6.58E-10	1.59E-08	3.51E-09	4.68E-09	7.42E-09	1.31E-09	9.40E-10	3.44E-08
1459	386644.45, 3751002.42	1.13274	5.52E-05	7.66E-05	2.71E-04	1.91E-08	5.76E-08	3.34E-08	3.34E-08	3.02E-08	1.38E-08	1.38E-08	6.38E-10	1.54E-08	3.40E-09	4.53E-09	7.19E-09	1.27E-09	9.10E-10	3.33E-08
1460	386644.45, 3751052.42	1.19434	5.81E-05	8.08E-05	2.86E-04	2.01E-08	6.08E-08	3.52E-08	3.52E-08	3.19E-08	1.46E-08	1.46E-08	6.72E-10	1.62E-08	3.58E-09	4.78E-09	7.58E-09	1.34E-09	9.60E-10	3.51E-08
1461	386644.45, 3751102.42	1.19802	5.83E-05	8.10E-05	2.87E-04	2.02E-08	6.10E-08	3.53E-08	3.53E-08	3.20E-08	1.46E-08	1.46E-08	6.74E-10	1.63E-08	3.59E-09	4.79E-09	7.60E-09	1.34E-09	9.63E-10	3.53E-08
1462	386644.45, 3751152.42	1.18352	5.76E-05	8.01E-05	2.84E-04	1.99E-08	6.02E-08	3.49E-08	3.49E-08	3.16E-08	1.44E-08	1.44E-08	6.66E-10	1.61E-08	3.55E-09	4.73E-09	7.51E-09	1.32E-09	9.51E-10	3.48E-08
1463	386644.45, 3751202.42	1.14484	5.57E-05	7.74E-05	2.74E-04	1.93E-08	5.83E-08	3.37E-08	3.37E-08	3.06E-08	1.40E-08	1.40E-08	6.44E-10	1.56E-08	3.43E-09	4.58E-09	7.26E-09	1.28E-09	9.20E-10	3.37E-08
1464	386644.45, 3751252.42	1.1231	5.47E-05	7.60E-05	2.69E-04	1.89E-08	5.72E-08	3.31E-08	3.31E-08	3.00E-08	1.37E-08	1.37E-08	6.32E-10	1.53E-08	3.37E-09	4.49E-09	7.13E-09	1.26E-09	9.03E-10	3.30E-08
1465	386644.45, 3751302.42	1.12699	5.49E-05	7.62E-05	2.70E-04	1.90E-08	5.74E-08	3.32E-08	3.32E-08	3.01E-08	1.37E-08	1.37E-08	6.34E-10	1.53E-08	3.38E-09	4.51E-09	7.15E-09	1.26E-09	9.06E-10	3.32E-08
1466	386644.45, 3751352.42	1.11759	5.44E-05	7.56E-05	2.68E-04	1.88E-08	5.69E-08	3.29E-08	3.29E-08	2.98E-08	1.36E-08	1.36E-08	6.29E-10	1.52E-08	3.35E-09	4.47E-09	7.09E-09	1.25E-09	8.98E-10	3.29E-08
1467	386644.45, 3751402.42	1.11177	5.41E-05	7.52E-05	2.66E-04	1.87E-08	5.66E-08	3.28E-08	3.28E-08	2.97E-08	1.35E-08	1.35E-08	6.26E-10	1.51E-08	3.34E-09	4.45E-09	7.05E-09	1.24E-09	8.94E-10	3.27E-08
1468	386644.45, 3751452.42	1.09654	5.34E-05	7.42E-05	2.63E-04	1.85E-08	5.58E-08	3.23E-08	3.23E-08	2.93E-08	1.34E-08	1.34E-08	6.17E-10	1.49E-08	3.29E-09	4.39E-09	6.96E-09	1.23E-09	8.81E-10	3.23E-08
1469	386644.45, 3751502.42	1.08848	5.30E-05	7.36E-05	2.61E-04	1.83E-08	5.54E-08	3.21E-08	3.21E-08	2.91E-08	1.33E-08	1.33E-08	6.13E-10	1.48E-08	3.27E-09	4.35E-09	6.91E-09	1.22E-09	8.75E-10	3.20E-08
1470	386644.45, 3751552.42	1.07194	5.22E-05	7.25E-05	2.57E-04	1.81E-08	5.45E-08	3.16E-08	3.16E-08	2.86E-08	1.31E-08	1.31E-08	6.03E-10	1.46E-08	3.22E-09	4.29E-09	6.80E-09	1.20E-09	8.62E-10	3.15E-08
1471	386644.45, 3751602.42	1.05202	5.12E-05	7.12E-05	2.52E-04	1.77E-08	5.35E-08	3.10E-08	3.10E-08	2.81E-08	1.28E-08	1.28E-08	5.92E-10	1.43E-08	3.16E-09	4.21E-09	6.68E-09	1.18E-09	8.46E-10	3.10E-08
1472	386644.45, 3751652.42	1.02982	5.01E-05	6.97E-05	2.47E-04	1.74E-08	5.24E-08	3.03E-08	3.03E-08	2.75E-08	1.25E-08	1.25E-08	5.80E-10	1.40E-08	3.09E-09	4.12E-09	6.53E-09	1.15E-09	8.28E-10	3.03E-08
1473	386644.45, 3751702.42	1.00123	4.87E-05	6.77E-05	2.40E-04	1.69E-08	5.10E-08	2.95E-08	2.95E-08	2.67E-08	1.22E-08	1.22E-08	5.63E-10	1.36E-08	3.00E-09	4.00E-09	6.35E-09	1.12E-09	8.05E-10	2.95E-08
1474	386644.45, 3751752.42	0.97078	4.73E-05	6.57E-05	2.33E-04	1.64E-08	4.94E-08	2.86E-08	2.86E-08	2.59E-08	1.18E-08	1.18E-08	5.46E-10	1.32E-08	2.91E-09	3.88E-09	6.16E-09	1.09E-09	7.80E-10	2.86E-08
1475	386644.45, 3751802.42	0.93271	4.54E-05	6.31E-05	2.24E-04	1.57E-08	4.75E-08	2.75E-08	2.75E-08	2.49E-08	1.14E-08	1.14E-08	5.25E-10	1.27E-08	2.80E-09	3.73E-09	5.92E-09	1.04E-09	7.50E-10	2.74E-08
1476	386644.45, 3751852.42	0.89349	4.35E-05	6.04E-05	2.14E-04	1.51E-08	4.55E-08	2.63E-08	2.63E-08	2.39E-08	1.09E-08	1.09E-08	5.03E-10	1.21E-08	2.68E-09	3.57E-09	5.67E-09	9.99E-10	7.18E-10	2.63E-08
1477	386694.45, 3750252.42	1.13414	5.52E-05	7.67E-05	2.72E-04	1.91E-08	5.77E-08	3.34E-08	3.34E-08	3.03E-08	1.38E-08	1.38E-08	6.38E-10	1.54E-08	3.40E-09	4.54E-09	7.20E-09	1.27E-09	9.12E-10	3.34E-08
1478	386694.45, 3750302.42	1.14432	5.57E-05	7.74E-05	2.74E-04	1.93E-08	5.82E-08	3.37E-08	3.37E-08	3.06E-08	1.39E-08	1.39E-08	6.44E-10	1.56E-08	3.43E-09	4.58E-09	7.26E-09	1.28E-09	9.20E-10	3.37E-08
1479	386694.45, 3750352.42	1.15446	5.62E-05	7.81E-05	2.77E-04	1.95E-08	5.87E-08	3.40E-08	3.40E-08	3.08E-08	1.41E-08	1.41E-08	6.50E-10	1.57E-08	3.46E-09	4.62E-09	7.33E-09	1.29E-09	9.28E-10	3.40E-08
1480	386694.45, 3750402.42	1.16585	5.68E-05	7.89E-05	2.79E-04	1.96E-08	5.93E-08	3.43E-08	3.43E-08	3.11E-08	1.42E-08	1.42E-08	6.56E-10	1.58E-08	3.50E-09	4.66E-09	7.40E-09	1.30E-09	9.37E-10	3.43E-08
1481	386694.45, 3750452.42	1.17432	5.72E-05	7.94E-05	2.81E-04	1.98E-08	5.98E-08	3.46E-08	3.46E-08	3.14E-08	1.43E-08	1.43E-08	6.61E-10	1.60E-08	3.52E-09	4.70E-09	7.45E-09	1.31E-09	9.44E-10	3.46E-08
1482	386694.45, 3750502.42	1.18484	5.77E-05	8.01E-05	2.84E-04	2.00E-08	6.03E-08	3.49E-08	3.49E-08	3.16E-08	1.44E-08	1.44E-08	6.67E-10	1.61E-08	3.55E-09	4.74E-09	7.52E-09	1.32E-09	9.52E-10	3.49E-08
1483	386694.45, 3750552.42	1.19687	5.83E-05	8.10E-05	2.87E-04	2.02E-08	6.09E-08	3.53E-08	3.53E-08	3.20E-08	1.46E-08	1.46E-08	6.74E-10	1.63E-08	3.59E-09	4.79E-09	7.59E-09	1.34E-09	9.62E-10	3.52E-08
1484	386694.45, 3750602.42	1.20201	5.85E-05	8.13E-05	2.88E-04	2.03E-08	6.12E-08	3.54E-08	3.54E-08	3.21E-08	1.46E-08	1.46E-08	6.76E-10	1.63E-08	3.61E-09	4.81E-09	7.63E-09	1.34E-09	9.66E-10	3.54E-08
1485	386694.45, 3750652.42	1.21142	5.90E-05	8.19E-05	2.90E-04	2.04E-08	6.16E-08	3.57E-08	3.57E-08	3.24E-08	1.48E-08	1.48E-08	6.82E-10	1.65E-08	3.63E-09	4.85E-09	7.69E-09	1.35E-09	9.74E-10	3.56E-08
1486	386694.45, 3750702.42	1.21616	5.92E-05	8.23E-05	2.91E-04	2.05E-08	6.19E-08	3.58E-08	3.58E-08	3.25E-08	1.48E-08	1.48E-08	6.84E-10	1.65E-08	3.65E-09	4.86E-09	7.72E-09	1.36E-09	9.77E-10	3.58E-08
1487	386694.45, 3750752.42	1.2236	5.96E-05	8.28E-05	2.93E-04	2.06E-08	6.23E-08	3.60E-08	3.60E-08	3.27E-08	1.49E-08	1.49E-08	6.89E-10	1.66E-08	3.67E-09	4.89E-09	7.76E-09	1.37E-09	9.83E-10	3.60E-08
1488	386694.45, 3750802.42	1.23023	5.99E-05	8.32E-05	2.95E-04	2.07E-08	6.26E-08	3.62E-08	3.62E-08	3.29E-08	1.50E-08	1.50E-08	6.92E-10	1.67E-08	3.69E-09	4.92E-09	7.81E-09	1.38E-09	9.89E-10	3.62E-08
1489	386694.45, 3750852.42	1.23253	6.00E-05	8.34E-05	2.95E-04	2.08E-08	6.27E-08	3.63E-08	3.63E-08	3.29E-08	1.50E-08	1.50E-08	6.94E-10	1.68E-08	3.70E-09	4.93E-09	7.82E-09	1.38E-09	9.91E-10	3.63E-08
1490	386694.45, 3750902.42	1.26691	6.17E-05	8.57E-05	3.04E-04	2.14E-08	6.45E-08	3.73E-08	3.73E-08	3.38E-08	1.54E-08	1.54E-08	7.13E-10	1.72E-08	3.80E-09	5.07E-09	8.04E-09	1.42E-09	1.02E-09	3.73E-08
1491	386694.45, 3750952.42	1.26433	6.16E-05	8.55E-05	3.03E-04	2.13E-08	6.43E-08	3.72E-08	3.72E-08	3.38E-08	1.54E-08	1.54E-08	7.12E-10	1.72E-08	3.79E-09	5.06E-09	8.02E-09	1.41E-09	1.02E-09	3.72E-08

1492	386694.45, 3751002.42	1.21861	5.93E-05	8.24E-05	2.92E-04	2.05E-08	6.20E-08	3.59E-08	3.59E-08	3.25E-08	1.48E-08	1.48E-08	6.86E-10	1.66E-08	3.66E-09	4.87E-09	7.73E-09	1.36E-09	9.79E-10	3.59E-08
1493	386694.45, 3751052.42	1.21292	5.91E-05	8.20E-05	2.91E-04	2.04E-08	6.17E-08	3.57E-08	3.57E-08	3.24E-08	1.48E-08	1.48E-08	6.83E-10	1.65E-08	3.64E-09	4.85E-09	7.70E-09	1.36E-09	9.75E-10	3.57E-08
1494	386694.45, 3751102.42	1.22565	5.97E-05	8.29E-05	2.94E-04	2.07E-08	6.24E-08	3.61E-08	3.61E-08	3.27E-08	1.49E-08	1.49E-08	6.90E-10	1.67E-08	3.68E-09	4.90E-09	7.78E-09	1.37E-09	9.85E-10	3.61E-08
1495	386694.45, 3751152.42	1.23449	6.01E-05	8.35E-05	2.96E-04	2.08E-08	6.28E-08	3.64E-08	3.64E-08	3.30E-08	1.50E-08	1.50E-08	6.95E-10	1.68E-08	3.70E-09	4.94E-09	7.83E-09	1.38E-09	9.92E-10	3.63E-08
1496	386694.45, 3751202.42	1.23121	5.99E-05	8.33E-05	2.95E-04	2.08E-08	6.27E-08	3.63E-08	3.63E-08	3.29E-08	1.50E-08	1.50E-08	6.93E-10	1.67E-08	3.69E-09	4.92E-09	7.81E-09	1.38E-09	9.90E-10	3.62E-08
1497	386694.45, 3751252.42	1.22988	5.99E-05	8.32E-05	2.95E-04	2.07E-08	6.26E-08	3.62E-08	3.62E-08	3.28E-08	1.50E-08	1.50E-08	6.92E-10	1.67E-08	3.69E-09	4.92E-09	7.80E-09	1.38E-09	9.89E-10	3.62E-08
1498	386694.45, 3751302.42	1.24394	6.06E-05	8.41E-05	2.98E-04	2.10E-08	6.33E-08	3.66E-08	3.66E-08	3.32E-08	1.52E-08	1.52E-08	7.00E-10	1.69E-08	3.73E-09	4.98E-09	7.89E-09	1.39E-09	1.00E-09	3.66E-08
1499	386694.45, 3751352.42	1.24162	6.05E-05	8.40E-05	2.98E-04	2.09E-08	6.32E-08	3.66E-08	3.66E-08	3.32E-08	1.51E-08	1.51E-08	6.99E-10	1.69E-08	3.72E-09	4.97E-09	7.88E-09	1.39E-09	9.98E-10	3.65E-08
1500	386694.45, 3751402.42	1.23573	6.02E-05	8.36E-05	2.96E-04	2.08E-08	6.29E-08	3.64E-08	3.64E-08	3.30E-08	1.51E-08	1.51E-08	6.95E-10	1.68E-08	3.71E-09	4.94E-09	7.84E-09	1.38E-09	9.93E-10	3.64E-08
1501	386694.45, 3751452.42	1.22623	5.97E-05	8.29E-05	2.94E-04	2.07E-08	6.24E-08	3.61E-08	3.61E-08	3.27E-08	1.49E-08	1.49E-08	6.90E-10	1.67E-08	3.68E-09	4.90E-09	7.78E-09	1.37E-09	9.86E-10	3.61E-08
1502	386694.45, 3751502.42	1.21171	5.90E-05	8.20E-05	2.90E-04	2.04E-08	6.17E-08	3.57E-08	3.57E-08	3.24E-08	1.48E-08	1.48E-08	6.82E-10	1.65E-08	3.63E-09	4.85E-09	7.69E-09	1.36E-09	9.74E-10	3.57E-08
1503	386694.45, 3751552.42	1.1957	5.82E-05	8.09E-05	2.87E-04	2.02E-08	6.08E-08	3.52E-08	3.52E-08	3.19E-08	1.46E-08	1.46E-08	6.73E-10	1.63E-08	3.59E-09	4.78E-09	7.59E-09	1.34E-09	9.61E-10	3.52E-08
1504	386694.45, 3751602.42	1.17549	5.72E-05	7.95E-05	2.82E-04	1.98E-08	5.98E-08	3.46E-08	3.46E-08	3.14E-08	1.43E-08	1.43E-08	6.62E-10	1.60E-08	3.53E-09	4.70E-09	7.46E-09	1.31E-09	9.45E-10	3.46E-08
1505	386694.45, 3751652.42	1.1464	5.58E-05	7.75E-05	2.75E-04	1.93E-08	5.83E-08	3.38E-08	3.38E-08	3.06E-08	1.40E-08	1.40E-08	6.45E-10	1.56E-08	3.44E-09	4.59E-09	7.27E-09	1.28E-09	9.21E-10	3.37E-08
1506	386694.45, 3751702.42	1.11623	5.43E-05	7.55E-05	2.68E-04	1.88E-08	5.68E-08	3.29E-08	3.29E-08	2.98E-08	1.36E-08	1.36E-08	6.28E-10	1.52E-08	3.35E-09	4.46E-09	7.08E-09	1.25E-09	8.97E-10	3.28E-08
1507	386694.45, 3751752.42	1.0809	5.26E-05	7.31E-05	2.59E-04	1.82E-08	5.50E-08	3.18E-08	3.18E-08	2.89E-08	1.32E-08	1.32E-08	6.08E-10	1.47E-08	3.24E-09	4.32E-09	6.86E-09	1.21E-09	8.69E-10	3.18E-08
1508	386694.45, 3751802.42	1.04085	5.07E-05	7.04E-05	2.49E-04	1.75E-08	5.30E-08	3.07E-08	3.07E-08	2.78E-08	1.27E-08	1.27E-08	5.86E-10	1.41E-08	3.12E-09	4.16E-09	6.60E-09	1.16E-09	8.37E-10	3.06E-08
1509	386694.45, 3751852.42	0.98978	4.82E-05	6.70E-05	2.37E-04	1.67E-08	5.04E-08	2.92E-08	2.92E-08	2.64E-08	1.21E-08	1.21E-08	5.57E-10	1.35E-08	2.97E-09	3.96E-09	6.28E-09	1.11E-09	7.96E-10	2.91E-08
1510	386744.45, 3749702.42	1.09546	5.33E-05	7.41E-05	2.63E-04	1.85E-08	5.57E-08	3.23E-08	3.23E-08	2.93E-08	1.33E-08	1.33E-08	6.17E-10	1.49E-08	3.29E-09	4.38E-09	6.95E-09	1.23E-09	8.80E-10	3.22E-08
1511	386744.45, 3749752.42	1.08735	5.29E-05	7.36E-05	2.61E-04	1.83E-08	5.53E-08	3.20E-08	3.20E-08	2.90E-08	1.32E-08	1.32E-08	6.12E-10	1.48E-08	3.26E-09	4.35E-09	6.90E-09	1.22E-09	8.74E-10	3.20E-08
1512	386744.45, 3749802.42	1.10869	5.40E-05	7.50E-05	2.66E-04	1.87E-08	5.64E-08	3.27E-08	3.27E-08	2.96E-08	1.35E-08	1.35E-08	6.24E-10	1.51E-08	3.33E-09	4.43E-09	7.03E-09	1.24E-09	8.91E-10	3.26E-08
1513	386744.45, 3749852.42	1.12152	5.46E-05	7.59E-05	2.69E-04	1.89E-08	5.71E-08	3.30E-08	3.30E-08	3.00E-08	1.37E-08	1.37E-08	6.31E-10	1.52E-08	3.36E-09	4.49E-09	7.12E-09	1.25E-09	9.01E-10	3.30E-08
1514	386744.45, 3749902.42	1.1411	5.56E-05	7.72E-05	2.73E-04	1.92E-08	5.81E-08	3.36E-08	3.36E-08	3.05E-08	1.39E-08	1.39E-08	6.42E-10	1.55E-08	3.42E-09	4.56E-09	7.24E-09	1.28E-09	9.17E-10	3.36E-08
1515	386744.45, 3749952.42	1.15687	5.63E-05	7.83E-05	2.77E-04	1.95E-08	5.89E-08	3.41E-08	3.41E-08	3.09E-08	1.41E-08	1.41E-08	6.51E-10	1.57E-08	3.47E-09	4.63E-09	7.34E-09	1.29E-09	9.30E-10	3.40E-08
1516	386744.45, 3750002.42	1.17173	5.70E-05	7.93E-05	2.81E-04	1.97E-08	5.96E-08	3.45E-08	3.45E-08	3.13E-08	1.43E-08	1.43E-08	6.59E-10	1.59E-08	3.51E-09	4.69E-09	7.43E-09	1.31E-09	9.42E-10	3.45E-08
1517	386744.45, 3750052.42	1.18183	5.75E-05	7.99E-05	2.83E-04	1.99E-08	6.01E-08	3.48E-08	3.48E-08	3.16E-08	1.44E-08	1.44E-08	6.65E-10	1.61E-08	3.55E-09	4.73E-09	7.50E-09	1.32E-09	9.50E-10	3.48E-08
1518	386744.45, 3750102.42	1.19898	5.84E-05	8.11E-05	2.87E-04	2.02E-08	6.10E-08	3.53E-08	3.53E-08	3.20E-08	1.46E-08	1.46E-08	6.75E-10	1.63E-08	3.60E-09	4.80E-09	7.61E-09	1.34E-09	9.64E-10	3.53E-08
1519	386744.45, 3750152.42	1.20922	5.89E-05	8.18E-05	2.90E-04	2.04E-08	6.15E-08	3.56E-08	3.56E-08	3.23E-08	1.47E-08	1.47E-08	6.81E-10	1.64E-08	3.63E-09	4.84E-09	7.67E-09	1.35E-09	9.72E-10	3.56E-08
1520	386744.45, 3750202.42	1.22418	5.96E-05	8.28E-05	2.93E-04	2.06E-08	6.23E-08	3.61E-08	3.61E-08	3.27E-08	1.49E-08	1.49E-08	6.89E-10	1.66E-08	3.67E-09	4.90E-09	7.77E-09	1.37E-09	9.84E-10	3.60E-08
1521	386744.45, 3750252.42	1.23386	6.01E-05	8.35E-05	2.96E-04	2.08E-08	6.28E-08	3.63E-08	3.63E-08	3.30E-08	1.50E-08	1.50E-08	6.94E-10	1.68E-08	3.70E-09	4.94E-09	7.83E-09	1.38E-09	9.92E-10	3.63E-08
1522	386744.45, 3750302.42	1.24614	6.07E-05	8.43E-05	2.99E-04	2.10E-08	6.34E-08	3.67E-08	3.67E-08	3.33E-08	1.52E-08	1.52E-08	7.01E-10	1.69E-08	3.74E-09	4.98E-09	7.91E-09	1.39E-09	1.00E-09	3.67E-08
1523	386744.45, 3750352.42	1.25682	6.12E-05	8.50E-05	3.01E-04	2.12E-08	6.40E-08	3.70E-08	3.70E-08	3.36E-08	1.53E-08	1.53E-08	7.07E-10	1.71E-08	3.77E-09	5.03E-09	7.97E-09	1.41E-09	1.01E-09	3.70E-08
1524	386744.45, 3750402.42	1.26916	6.18E-05	8.59E-05	3.04E-04	2.14E-08	6.46E-08	3.74E-08	3.74E-08	3.39E-08	1.55E-08	1.55E-08	7.14E-10	1.73E-08	3.81E-09	5.08E-09	8.05E-09	1.42E-09	1.02E-09	3.73E-08
1525	386744.45, 3750452.42	1.28413	6.25E-05	8.69E-05	3.08E-04	2.16E-08	6.53E-08	3.78E-08	3.78E-08	3.43E-08	1.56E-08	1.56E-08	7.23E-10	1.75E-08	3.85E-09	5.14E-09	8.15E-09	1.44E-09	1.03E-09	3.78E-08
1526	386744.45, 3750502.42	1.29854	6.32E-05	8.78E-05	3.11E-04	2.19E-08	6.61E-08	3.83E-08	3.83E-08	3.47E-08	1.58E-08	1.58E-08	7.31E-10	1.77E-08	3.90E-09	5.19E-09	8.24E-09	1.45E-09	1.04E-09	3.82E-08
1527	386744.45, 3750552.42	1.30665	6.36E-05	8.84E-05	3.13E-04	2.20E-08	6.65E-08	3.85E-08	3.85E-08	3.49E-08	1.59E-08	1.59E-08	7.35E-10	1.78E-08	3.92E-09	5.23E-09	8.29E-09	1.46E-09	1.05E-09	3.84E-08
1528	386744.45, 3750602.42	1.31312	6.39E-05	8.88E-05	3.15E-04	2.21E-08	6.68E-08	3.87E-08	3.87E-08	3.51E-08	1.60E-08	1.60E-08	7.39E-10	1.79E-08	3.94E-09	5.25E-09	8.33E-09	1.47E-09	1.06E-09	3.86E-08
1529	386744.45, 3750652.42	1.32991	6.48E-05	9.00E-05	3.19E-04	2.24E-08	6.77E-08	3.92E-08	3.92E-08	3.55E-08	1.62E-08	1.62E-08	7.48E-10	1.81E-08	3.99E-09	5.32E-09	8.44E-09	1.49E-09	1.07E-09	3.91E-08
1530	386744.45, 3750702.42	1.33095	6.48E-05	9.00E-05	3.19E-04	2.24E-08	6.77E-08	3.92E-08	3.92E-08	3.55E-08	1.62E-08	1.62E-08	7.49E-10	1.81E-08	3.99E-09	5.32E-09	8.44E-09	1.49E-09	1.07E-09	3.92E-08
1531	386744.45, 3750752.42	1.34322	6.54E-05	9.09E-05	3.22E-04	2.26E-08	6.84E-08	3.96E-08	3.96E-08	3.59E-08	1.64E-08	1.64E-08	7.56E-10	1.83E-08	4.03E-09	5.37E-09	8.52E-09	1.50E-09	1.08E-09	3.95E-08
1532	386744.45, 3750802.42	1.35044	6.57E-05	9.13E-05	3.24E-04	2.28E-08	6.87E-08	3.98E-08	3.98E-08	3.61E-08	1.65E-08	1.65E-08	7.60E-10	1.84E-08	4.05E-09	5.40E-09	8.57E-09	1.51E-09	1.09E-09	3.97E-08
1533	386744.45, 3750852.42	1.35403	6.59E-05	9.16E-05	3.25E-04	2.28E-08	6.89E-08	3.99E-08	3.99E-08	3.62E-08	1.65E-08	1.65E-08	7.62E-10	1.84E-08	4.06E-09	5.42E-09	8.59E-09	1.51E-09	1.09E-09	3.98E-08
1534	386744.45, 3750902.42	1.36561	6.65E-05	9.24E-05	3.27E-04	2.30E-08	6.95E-08	4.02E-08	4.02E-08	3.65E-08	1.66E-08	1.66E-08	7.69E-10	1.86E-08	4.10E-09	5.46E-09	8.66E-09	1.53E-09	1.10E-09	4.02E-08
1535	386744.45, 3750952.42	1.36192	6.63E-05	9.21E-05	3.26E-04	2.30E-08	6.93E-08	4.01E-08	4.01E-08	3.64E-08	1.66E-08	1.66E-08	7.66E-10	1.85E-08	4.09E-09	5.45E-09	8.64E-09	1.52E-09	1.09E-09	4.01E-08
1536	386744.45, 3751002.42	1.37933	6.72E-05	9.33E-05	3.31E-04	2.32E-08	7.02E-08	4.06E-08	4.06E-08	3.68E-08	1.68E-08	1.68E-08	7.76E-10	1.88E-08	4.14E-09	5.52E-09	8.75E-09	1.54E-09	1.11E-09	4.06E-08
1537	386744.45, 3751052.42	1.38147	6.73E-05	9.34E-05	3.31E-04	2.33E-08	7.03E-08	4.07E-08	4.07E-08	3.69E-08	1.68E-08	1.68E-08	7.77E-10	1.88E-08	4.14E-09	5.53E-09	8.77E-09	1.54E-09	1.11E-09	4.06E-08
1538	386744.45, 3751102.42	1.38749	6.76E-05	9.39E-05	3.33E-04	2.34E-08	7.06E-08	4.09E-08	4.09E-08	3.71E-08	1.69E-08	1.69E-08	7.81E-10	1.89E-08	4.16E-09	5.55E-09	8.80E-09	1.55E-09	1.12E-09	4.08E-08
1539	386744.45, 3751152.42	1.36396	6.64E-05	9.23E-05	3.27E-04	2.30E-08	6.94E-08	4.02E-08	4.02E-08	3.64E-08	1.66E-08	1.66E-08	7.68E-10	1.85E-08	4.09E-09	5.46E-09	8.65E-09	1.53E-09	1.10E-09	4.01E-08
1540	386744.45, 3751202.42	1.35281	6.59E-05	9.15E-05	3.24E-04	2.28E-08	6.88E-08	3.99E-08	3.99E-08	3.61E-08	1.65E-08	1.65E-08	7.61E-10	1.84E-08	4.06E-09	5.41E-09	8.58E-09	1.51E-09	1.09E-09	3.98E-08
1541	386744.45, 3751252.42	1.37722	6.71E-05	9.32E-05	3.30E-04	2.32E-08	7.01E-08	4.06E-08	4.06E-08	3.68E-08	1.68E-08	1.68E-08	7.75E-10	1.87E-08	4.13E-09	5.51E-09	8.74E-09	1.54E-09	1.11E-09	4.05E-08
1542	386744.45, 3751302.42	1.38502	6.74E-05	9.37E-05	3.32E-04	2.33E-08	7.05E-08	4.08E-08	4.08E-08	3.70E-08	1.69E-08	1.69E-08	7.79E-10	1.88E-08	4.15E-09	5.54E-09	8.79E-09	1.55E-09	1.11E-09	4.08E-08
1543	386744.45, 3751352.42	1.36957	6.67E-05	9.26E-05	3.28E-04	2.31E-08	6.97E-08	4.03E-08	4.03E-08	3.66E-08	1.67E-08	1.67E-08	7.71E-10	1.86E-08	4.11E-09	5.48E-09	8.69E-09	1.53E-09	1.10E-09	4.03E-08
1544	386744.45, 3751402.42	1.37346	6.69E-05	9.29E-05	3.29E-04	2.31E-08	6.99E-08	4.05E-08	4.05E-08	3.67E-08	1.67E-08	1.67E-08	7.73E-10	1.87E-08	4.12E-09	5.49E-09	8.71E-09	1.54E-09	1.10E-09	4.04E-08
1545	386744.45, 3751452.42	1.37188	6.68E-05	9.28E-05	3.29E-04	2.31E-08	6.98E-08	4.04E-08	4.04E-08	3.66E-08	1.67E-08	1.67E-08	7.72E-10	1.87E-08	4.12E-09	5.49E-09	8.70E-09	1.53E-09	1.10E-09	4.04E-08
1546	386744.45, 3751502.42	1.36067	6.62E-05	9.20E-05	3.26E-04	2.29E-08	6.92E-08	4.01E-08	4.01E-08	3.63E-08	1.66E-08	1.66E-08	7.66E-10	1.85E-08	4.08E-09	5.44E-09	8.63E-09	1.52E-09	1.09E-09	4.00E-08
1547	386744.45, 3751552.42	1.34526	6.55E-05	9.10E-05	3.22E-04	2.27E-08	6.85E-08	3.96E-08	3.96E-08	3.59E-08	1.64E-08	1.64E-08	7.57E-10	1.83E-08	4.04E-09	5.38E-09	8.54E-09	1.50E-09	1.08E-09	3.96E-08
1548	386744.45, 3751602.42	1.31797	6.42E-05	8.92E-05	3.16E-04	2.22E-08	6.71E-08	3.88E-08	3.88E-08	3.52E-08	1.61E-08	1.61E-08	7.42E-10	1.79E-08	3.95E-09	5.27E-09	8.36E-09	1.47E-09	1.06E-09	3.88E-08
1549	386744.45, 3751652.42	1.28957	6.28E-05	8.72E-05	3.09E-04	2.17E-08	6.56E-08	3.80E-08	3.80E-08	3.44E-08	1.57E-08	1.57E-08	7.26E-10	1.75E-08	3.87E-09	5.16E-09	8.18E-09	1.44E-09	1.04E-09	3.79E-08
1550	386744.45, 3751702.42	1.24957	6.08E-05	8.45E-05	2.99E-04	2.11E-08	6.36E-08	3.68E-08	3.68E-08	3.34E-08	1.52E-08	1.52E-08	7.03E-10	1.70E-08	3.75E-09	5.00E-09	7.93E-09	1.40E-09	1.00E-09	3.68E-08
1551	386744.45, 3751752.42	1.21235	5.90E-05	8.20E-05	2.91E-04	2.04E-08	6.17E-08	3.57E-08	3.57E-08	3.24E-08	1.48E-08	1.48E-08	6.82E-10	1.65E-08	3.64E-09	4.85E-09	7.69E-09	1.36E-09	9.74E-10	3.57E-08
1552	386744.45, 3751802.42	1.1646	5.67E-05	7.88E-05	2.79E-04	1.96E-08	5.93E-08	3.43E-08	3.43E-08	3.11E-08	1.42E-08	1.42E-08	6.55E-10	1.58E-08	3.49E-09	4.66E-09	7.39E-09	1.30E-09	9.36E-10	3.43E-08
1553	386744.45, 3751852.42	1.10552	5.38E-05	7.48E-05	2.65E-04	1.86E-08	5.63E-08	3.26E-08	3.26E-08	2.95E-08	1.35E-08	1.35E-08	6.22E-10	1.50E-08	3.32E-09	4.42E-09	7.01E-09	1.24E-09	8.89E-10	3.25E-08
1554	386794.45, 3749152.42	0.83708	4.08E-05	5.66E-05	2.01E-04	1.41E-08	4.26E-08	2.47E-08	2.47E-08	2.24E-08	1.02E-08	1.02E-08	4.71E-10	1.14E-08	2.51E-09	3.35E-09	5.31E-09	9.36E-10	6.73E-10	2.46E-08
1555	386794.45, 3749202.42	0.87594	4.26E-05	5.93E-05	2.10E-04	1.48E-08	4.46E-08	2.58E-08	2.58E-08	2.34E-08	1.07E-08	1.07E-08	4.93E-10	1.19E-08	2.63E-09	3.50E-09	5.56E-09	9.80E-10	7.04E-10	2.58E-08
1556	386794.45, 3749252.42	0.91186	4.44E-05	6.17E-05	2.19E-04	1.54E-08	4.64E-08	2.69E-08	2.69E-08	2.44E-08	1.11E-08	1.11E-08	5.13E-10	1.24E-08	2.74E-09	3.65E-09	5.79E-09	1.02E-09	7.33E-10	2.68E-08

1557	386794.45, 3749302.42	0.94883	4.62E-05	6.42E-05	2.27E-04	1.60E-08	4.83E-08	2.80E-08	2.80E-08	2.53E-08	1.16E-08	1.16E-08	5.34E-10	1.29E-08	2.85E-09	3.80E-09	6.02E-09	1.06E-09	7.63E-10	2.79E-08
1558	386794.45, 3749352.42	0.97297	4.74E-05	6.58E-05	2.33E-04	1.64E-08	4.95E-08	2.87E-08	2.87E-08	2.60E-08	1.19E-08	1.19E-08	5.48E-10	1.32E-08	2.92E-09	3.89E-09	6.17E-09	1.09E-09	7.82E-10	2.86E-08
1559	386794.45, 3749402.42	1.00479	4.89E-05	6.80E-05	2.41E-04	1.69E-08	5.11E-08	2.96E-08	2.96E-08	2.68E-08	1.22E-08	1.22E-08	5.65E-10	1.37E-08	3.01E-09	4.02E-09	6.38E-09	1.12E-09	8.08E-10	2.96E-08
1560	386794.45, 3749452.42	1.03305	5.03E-05	6.99E-05	2.48E-04	1.74E-08	5.26E-08	3.04E-08	3.04E-08	2.76E-08	1.26E-08	1.26E-08	5.81E-10	1.40E-08	3.10E-09	4.13E-09	6.55E-09	1.16E-09	8.30E-10	3.04E-08
1561	386794.45, 3749502.42	1.0611	5.17E-05	7.18E-05	2.54E-04	1.79E-08	5.40E-08	3.13E-08	3.13E-08	2.83E-08	1.29E-08	1.29E-08	5.97E-10	1.44E-08	3.18E-09	4.24E-09	6.73E-09	1.19E-09	8.53E-10	3.12E-08
1562	386794.45, 3749552.42	1.08985	5.31E-05	7.37E-05	2.61E-04	1.84E-08	5.55E-08	3.21E-08	3.21E-08	2.91E-08	1.33E-08	1.33E-08	6.13E-10	1.48E-08	3.27E-09	4.36E-09	6.92E-09	1.22E-09	8.76E-10	3.21E-08
1563	386794.45, 3749602.42	1.14913	5.59E-05	7.77E-05	2.75E-04	1.94E-08	5.85E-08	3.39E-08	3.39E-08	3.07E-08	1.40E-08	1.40E-08	6.47E-10	1.56E-08	3.45E-09	4.60E-09	7.29E-09	1.29E-09	9.24E-10	3.38E-08
1564	386794.45, 3749652.42	1.13835	5.54E-05	7.70E-05	2.73E-04	1.92E-08	5.79E-08	3.35E-08	3.35E-08	3.04E-08	1.39E-08	1.39E-08	6.41E-10	1.55E-08	3.41E-09	4.55E-09	7.22E-09	1.27E-09	9.15E-10	3.35E-08
1565	386794.45, 3749702.42	1.16394	5.67E-05	7.87E-05	2.79E-04	1.96E-08	5.92E-08	3.43E-08	3.43E-08	3.11E-08	1.42E-08	1.42E-08	6.55E-10	1.58E-08	3.49E-09	4.66E-09	7.39E-09	1.30E-09	9.36E-10	3.42E-08
1566	386794.45, 3749752.42	1.18088	5.75E-05	7.99E-05	2.83E-04	1.99E-08	6.01E-08	3.48E-08	3.48E-08	3.15E-08	1.44E-08	1.44E-08	6.65E-10	1.61E-08	3.54E-09	4.72E-09	7.49E-09	1.32E-09	9.49E-10	3.47E-08
1567	386794.45, 3749802.42	1.20693	5.88E-05	8.16E-05	2.89E-04	2.03E-08	6.14E-08	3.56E-08	3.56E-08	3.22E-08	1.47E-08	1.47E-08	6.79E-10	1.64E-08	3.62E-09	4.83E-09	7.66E-09	1.35E-09	9.70E-10	3.55E-08
1568	386794.45, 3749852.42	1.22105	5.95E-05	8.26E-05	2.93E-04	2.06E-08	6.21E-08	3.60E-08	3.60E-08	3.26E-08	1.49E-08	1.49E-08	6.87E-10	1.66E-08	3.66E-09	4.88E-09	7.75E-09	1.37E-09	9.81E-10	3.59E-08
1569	386794.45, 3749902.42	1.24369	6.06E-05	8.41E-05	2.98E-04	2.10E-08	6.33E-08	3.66E-08	3.66E-08	3.32E-08	1.52E-08	1.52E-08	7.00E-10	1.69E-08	3.73E-09	4.97E-09	7.89E-09	1.39E-09	1.00E-09	3.66E-08
1570	386794.45, 3749952.42	1.25656	6.12E-05	8.50E-05	3.01E-04	2.12E-08	6.39E-08	3.70E-08	3.70E-08	3.36E-08	1.53E-08	1.53E-08	7.07E-10	1.71E-08	3.77E-09	5.03E-09	7.97E-09	1.41E-09	1.01E-09	3.70E-08
1571	386794.45, 3750002.42	1.27608	6.21E-05	8.63E-05	3.06E-04	2.15E-08	6.49E-08	3.76E-08	3.76E-08	3.41E-08	1.55E-08	1.55E-08	7.18E-10	1.73E-08	3.83E-09	5.10E-09	8.10E-09	1.43E-09	1.03E-09	3.75E-08
1572	386794.45, 3750052.42	1.29129	6.29E-05	8.73E-05	3.09E-04	2.18E-08	6.57E-08	3.80E-08	3.80E-08	3.45E-08	1.57E-08	1.57E-08	7.27E-10	1.76E-08	3.87E-09	5.16E-09	8.19E-09	1.44E-09	1.04E-09	3.80E-08
1573	386794.45, 3750102.42	1.30889	6.37E-05	8.85E-05	3.14E-04	2.21E-08	6.66E-08	3.86E-08	3.86E-08	3.50E-08	1.59E-08	1.59E-08	7.37E-10	1.78E-08	3.93E-09	5.24E-09	8.31E-09	1.46E-09	1.05E-09	3.85E-08
1574	386794.45, 3750152.42	1.32058	6.43E-05	8.93E-05	3.17E-04	2.23E-08	6.72E-08	3.89E-08	3.89E-08	3.53E-08	1.61E-08	1.61E-08	7.43E-10	1.80E-08	3.96E-09	5.28E-09	8.38E-09	1.48E-09	1.06E-09	3.89E-08
1575	386794.45, 3750202.42	1.33865	6.52E-05	9.06E-05	3.21E-04	2.26E-08	6.81E-08	3.94E-08	3.94E-08	3.57E-08	1.63E-08	1.63E-08	7.53E-10	1.82E-08	4.02E-09	5.35E-09	8.49E-09	1.50E-09	1.08E-09	3.94E-08
1576	386794.45, 3750252.42	1.34794	6.56E-05	9.12E-05	3.23E-04	2.27E-08	6.86E-08	3.97E-08	3.97E-08	3.60E-08	1.64E-08	1.64E-08	7.59E-10	1.83E-08	4.04E-09	5.39E-09	8.55E-09	1.51E-09	1.08E-09	3.97E-08
1577	386794.45, 3750302.42	1.3621	6.63E-05	9.21E-05	3.26E-04	2.30E-08	6.93E-08	4.01E-08	4.01E-08	3.64E-08	1.66E-08	1.66E-08	7.67E-10	1.85E-08	4.09E-09	5.45E-09	8.64E-09	1.52E-09	1.09E-09	4.01E-08
1578	386794.45, 3750352.42	1.37886	6.71E-05	9.33E-05	3.30E-04	2.32E-08	7.02E-08	4.06E-08	4.06E-08	3.68E-08	1.68E-08	1.68E-08	7.76E-10	1.87E-08	4.14E-09	5.52E-09	8.75E-09	1.54E-09	1.11E-09	4.06E-08
1579	386794.45, 3750402.42	1.39441	6.79E-05	9.43E-05	3.34E-04	2.35E-08	7.10E-08	4.11E-08	4.11E-08	3.72E-08	1.70E-08	1.70E-08	7.85E-10	1.90E-08	4.18E-09	5.58E-09	8.85E-09	1.56E-09	1.12E-09	4.10E-08
1580	386794.45, 3750452.42	1.40766	6.85E-05	9.52E-05	3.37E-04	2.37E-08	7.16E-08	4.15E-08	4.15E-08	3.76E-08	1.72E-08	1.72E-08	7.92E-10	1.91E-08	4.22E-09	5.63E-09	8.93E-09	1.57E-09	1.13E-09	4.14E-08
1581	386794.45, 3750502.42	1.42694	6.95E-05	9.65E-05	3.42E-04	2.40E-08	7.26E-08	4.20E-08	4.20E-08	3.81E-08	1.74E-08	1.74E-08	8.03E-10	1.94E-08	4.28E-09	5.71E-09	9.05E-09	1.60E-09	1.15E-09	4.20E-08
1582	386794.45, 3750552.42	1.43408	6.98E-05	9.70E-05	3.44E-04	2.42E-08	7.30E-08	4.22E-08	4.22E-08	3.83E-08	1.75E-08	1.75E-08	8.07E-10	1.95E-08	4.30E-09	5.74E-09	9.10E-09	1.60E-09	1.15E-09	4.22E-08
1583	386794.45, 3750602.42	1.44683	7.04E-05	9.79E-05	3.47E-04	2.44E-08	7.36E-08	4.26E-08	4.26E-08	3.86E-08	1.76E-08	1.76E-08	8.14E-10	1.97E-08	4.34E-09	5.79E-09	9.18E-09	1.62E-09	1.16E-09	4.26E-08
1584	386794.45, 3750652.42	1.46457	7.13E-05	9.91E-05	3.51E-04	2.47E-08	7.45E-08	4.31E-08	4.31E-08	3.91E-08	1.78E-08	1.78E-08	8.24E-10	1.99E-08	4.39E-09	5.86E-09	9.29E-09	1.64E-09	1.18E-09	4.31E-08
1585	386794.45, 3750702.42	1.47135	7.16E-05	9.95E-05	3.53E-04	2.48E-08	7.49E-08	4.33E-08	4.33E-08	3.93E-08	1.79E-08	1.79E-08	8.28E-10	2.00E-08	4.41E-09	5.89E-09	9.34E-09	1.65E-09	1.18E-09	4.33E-08
1586	386794.45, 3750752.42	1.48299	7.22E-05	1.00E-04	3.55E-04	2.50E-08	7.55E-08	4.37E-08	4.37E-08	3.96E-08	1.81E-08	1.81E-08	8.35E-10	2.02E-08	4.45E-09	5.93E-09	9.41E-09	1.66E-09	1.19E-09	4.36E-08
1587	386794.45, 3750802.42	1.49543	7.28E-05	1.01E-04	3.58E-04	2.52E-08	7.61E-08	4.41E-08	4.41E-08	3.99E-08	1.82E-08	1.82E-08	8.42E-10	2.03E-08	4.49E-09	5.98E-09	9.49E-09	1.67E-09	1.20E-09	4.40E-08
1588	386794.45, 3750852.42	1.50227	7.31E-05	1.02E-04	3.60E-04	2.53E-08	7.64E-08	4.43E-08	4.43E-08	4.01E-08	1.83E-08	1.83E-08	8.45E-10	2.04E-08	4.51E-09	6.01E-09	9.53E-09	1.68E-09	1.21E-09	4.42E-08
1589	386794.45, 3750902.42	1.51427	7.37E-05	1.02E-04	3.63E-04	2.55E-08	7.71E-08	4.46E-08	4.46E-08	4.04E-08	1.85E-08	1.85E-08	8.52E-10	2.06E-08	4.54E-09	6.06E-09	9.61E-09	1.69E-09	1.22E-09	4.46E-08
1590	386794.45, 3750952.42	1.5179	7.39E-05	1.03E-04	3.64E-04	2.56E-08	7.72E-08	4.47E-08	4.47E-08	4.05E-08	1.85E-08	1.85E-08	8.54E-10	2.06E-08	4.55E-09	6.07E-09	9.63E-09	1.70E-09	1.22E-09	4.47E-08
1591	386794.45, 3751002.42	1.52777	7.44E-05	1.03E-04	3.66E-04	2.57E-08	7.77E-08	4.50E-08	4.50E-08	4.08E-08	1.86E-08	1.86E-08	8.60E-10	2.08E-08	4.58E-09	6.11E-09	9.69E-09	1.71E-09	1.23E-09	4.50E-08
1592	386794.45, 3751052.42	1.5402	7.50E-05	1.04E-04	3.69E-04	2.60E-08	7.84E-08	4.54E-08	4.54E-08	4.11E-08	1.88E-08	1.88E-08	8.67E-10	2.09E-08	4.62E-09	6.16E-09	9.77E-09	1.72E-09	1.24E-09	4.53E-08
1593	386794.45, 3751102.42	1.55	7.55E-05	1.05E-04	3.72E-04	2.61E-08	7.89E-08	4.57E-08	4.57E-08	4.14E-08	1.89E-08	1.89E-08	8.72E-10	2.11E-08	4.65E-09	6.20E-09	9.83E-09	1.73E-09	1.25E-09	4.56E-08
1594	386794.45, 3751152.42	1.55572	7.57E-05	1.05E-04	3.73E-04	2.62E-08	7.92E-08	4.58E-08	4.58E-08	4.15E-08	1.90E-08	1.90E-08	8.76E-10	2.11E-08	4.67E-09	6.22E-09	9.87E-09	1.74E-09	1.25E-09	4.58E-08
1595	386794.45, 3751202.42	1.56031	7.60E-05	1.06E-04	3.74E-04	2.63E-08	7.94E-08	4.60E-08	4.60E-08	4.17E-08	1.90E-08	1.90E-08	8.78E-10	2.12E-08	4.68E-09	6.24E-09	9.90E-09	1.74E-09	1.25E-09	4.59E-08
1596	386794.45, 3751252.42	1.55891	7.59E-05	1.05E-04	3.74E-04	2.63E-08	7.93E-08	4.59E-08	4.59E-08	4.16E-08	1.90E-08	1.90E-08	8.77E-10	2.12E-08	4.68E-09	6.24E-09	9.89E-09	1.74E-09	1.25E-09	4.59E-08
1597	386794.45, 3751302.42	1.55331	7.56E-05	1.05E-04	3.72E-04	2.62E-08	7.90E-08	4.58E-08	4.58E-08	4.15E-08	1.89E-08	1.89E-08	8.74E-10	2.11E-08	4.66E-09	6.21E-09	9.86E-09	1.74E-09	1.25E-09	4.57E-08
1598	386794.45, 3751352.42	1.55808	7.59E-05	1.05E-04	3.73E-04	2.63E-08	7.93E-08	4.59E-08	4.59E-08	4.16E-08	1.90E-08	1.90E-08	8.77E-10	2.12E-08	4.67E-09	6.23E-09	9.89E-09	1.74E-09	1.25E-09	4.58E-08
1599	386794.45, 3751402.42	1.5587	7.59E-05	1.05E-04	3.74E-04	2.63E-08	7.93E-08	4.59E-08	4.59E-08	4.16E-08	1.90E-08	1.90E-08	8.77E-10	2.12E-08	4.68E-09	6.23E-09	9.89E-09	1.74E-09	1.25E-09	4.59E-08
1600	386794.45, 3751452.42	1.5524	7.56E-05	1.05E-04	3.72E-04	2.62E-08	7.90E-08	4.57E-08	4.57E-08	4.15E-08	1.89E-08	1.89E-08	8.74E-10	2.11E-08	4.66E-09	6.21E-09	9.85E-09	1.74E-09	1.25E-09	4.57E-08
1601	386794.45, 3751502.42	1.53934	7.49E-05	1.04E-04	3.69E-04	2.59E-08	7.83E-08	4.53E-08	4.53E-08	4.11E-08	1.88E-08	1.88E-08	8.66E-10	2.09E-08	4.62E-09	6.16E-09	9.77E-09	1.72E-09	1.24E-09	4.53E-08
1602	386794.45, 3751552.42	1.5237	7.42E-05	1.03E-04	3.65E-04	2.57E-08	7.75E-08	4.49E-08	4.49E-08	4.07E-08	1.86E-08	1.86E-08	8.58E-10	2.07E-08	4.57E-09	6.09E-09	9.67E-09	1.70E-09	1.22E-09	4.48E-08
1603	386794.45, 3751602.42	1.50014	7.30E-05	1.01E-04	3.60E-04	2.53E-08	7.63E-08	4.42E-08	4.42E-08	4.01E-08	1.83E-08	1.83E-08	8.44E-10	2.04E-08	4.50E-09	6.00E-09	9.52E-09	1.68E-09	1.21E-09	4.41E-08
1604	386794.45, 3751652.42	1.47215	7.17E-05	9.96E-05	3.53E-04	2.48E-08	7.49E-08	4.34E-08	4.34E-08	3.93E-08	1.79E-08	1.79E-08	8.29E-10	2.00E-08	4.42E-09	5.89E-09	9.34E-09	1.65E-09	1.18E-09	4.33E-08
1605	386794.45, 3751702.42	1.43984	7.01E-05	9.74E-05	3.45E-04	2.43E-08	7.33E-08	4.24E-08	4.24E-08	3.85E-08	1.75E-08	1.75E-08	8.10E-10	1.96E-08	4.32E-09	5.76E-09	9.14E-09	1.61E-09	1.16E-09	4.24E-08
1606	386794.45, 3751752.42	1.38598	6.75E-05	9.38E-05	3.32E-04	2.34E-08	7.05E-08	4.08E-08	4.08E-08	3.70E-08	1.69E-08	1.69E-08	7.80E-10	1.88E-08	4.16E-09	5.54E-09	8.79E-09	1.55E-09	1.11E-09	4.08E-08
1607	386794.45, 3751802.42	1.3224	6.44E-05	8.95E-05	3.17E-04	2.23E-08	6.73E-08	3.90E-08	3.90E-08	3.53E-08	1.61E-08	1.61E-08	7.44E-10	1.80E-08	3.97E-09	5.29E-09	8.39E-09	1.48E-09	1.06E-09	3.89E-08
1608	386794.45, 3751852.42	1.25783	6.12E-05	8.51E-05	3.01E-04	2.12E-08	6.40E-08	3.71E-08	3.71E-08	3.36E-08	1.53E-08	1.53E-08	7.08E-10	1.71E-08	3.77E-09	5.03E-09	7.98E-09	1.41E-09	1.01E-09	3.70E-08
1609	386844.45, 3749002.42	0.77722	3.78E-05	5.26E-05	1.86E-04	1.31E-08	3.96E-08	2.29E-08	2.29E-08	2.08E-08	9.47E-09	9.47E-09	4.37E-10	1.06E-08	2.33E-09	3.11E-09	4.93E-09	8.69E-10	6.25E-10	2.29E-08
1610	386844.45, 3749052.42	0.82286	4.01E-05	5.57E-05	1.97E-04	1.39E-08	4.19E-08	2.42E-08	2.42E-08	2.20E-08	1.00E-08	1.00E-08	4.63E-10	1.12E-08	2.47E-09	3.29E-09	5.22E-09	9.20E-10	6.61E-10	2.42E-08
1611	386844.45, 3749102.42	0.87018	4.24E-05	5.89E-05	2.09E-04	1.47E-08	4.43E-08	2.56E-08	2.56E-08	2.32E-08	1.06E-08	1.06E-08	4.90E-10	1.18E-08	2.61E-09	3.48E-09	5.52E-09	9.73E-10	6.99E-10	2.56E-08
1612	386844.45, 3749152.42	0.91285	4.44E-05	6.17E-05	2.19E-04	1.54E-08	4.65E-08	2.69E-08	2.69E-08	2.44E-08	1.11E-08	1.11E-08	5.14E-10	1.24E-08	2.74E-09	3.65E-09	5.79E-09	1.02E-09	7.34E-10	2.69E-08
1613	386844.45, 3749202.42	0.96083	4.68E-05	6.50E-05	2.30E-04	1.62E-08	4.89E-08	2.83E-08	2.83E-08	2.57E-08	1.17E-08	1.17E-08	5.41E-10	1.31E-08	2.88E-09	3.84E-09	6.10E-09	1.07E-09	7.72E-10	2.83E-08
1614	386844.45, 3749252.42	0.99483	4.84E-05	6.73E-05	2.38E-04	1.68E-08	5.06E-08	2.93E-08	2.93E-08	2.66E-08	1.21E-08	1.21E-08	5.60E-10	1.35E-08	2.98E-09	3.98E-09	6.31E-09	1.11E-09	8.00E-10	2.93E-08
1615	386844.45, 3749302.42	1.02795	5.00E-05	6.95E-05	2.46E-04	1.73E-08	5.23E-08	3.03E-08	3.03E-08	2.75E-08	1.25E-08	1.25E-08	5.79E-10	1.40E-08	3.08E-09	4.11E-09	6.52E-09	1.15E-09	8.26E-10	3.02E-08
1616	386844.45, 3749352.42	1.06339	5.18E-05	7.19E-05	2.55E-04	1.79E-08	5.41E-08	3.13E-08	3.13E-08	2.84E-08	1.30E-08	1.30E-08	5.98E-10	1.45E-08	3.19E-09	4.25E-09	6.75E-09	1.19E-09	8.55E-10	3.13E-08
1617	386844.45, 3749402.42	1.10097	5.36E-05	7.45E-05	2.64E-04	1.86E-08	5.60E-08	3.24E-08	3.24E-08	2.94E-08	1.34E-08	1.34E-08	6.20E-10	1.50E-08	3.30E-09	4.40E-09	6.99E-09	1.23E-09	8.85E-10	3.24E-08
1618	386844.45, 3749452.42	1.12913	5.50E-05	7.64E-05	2.71E-04	1.90E-08	5.75E-08	3.33E-08	3.33E-08	3.02E-08	1.38E-08	1.38E-08	6.35E-10	1.53E-08	3.39E-09	4.52E-09	7.16E-09	1.26E-09	9.08E-10	3.32E-08
1619	386844.45, 3749502.42	1.19774	5.83E-05	8.10E-05	2.87E-04	2.02E-08	6.10E-08	3.53E-08	3.53E-08	3.20E-08	1.46E-08	1.46E-08	6.74E-10	1.63E-08	3.59E-09	4.79E-09	7.60E-09	1.34E-09	9.63E-10	3.52E-08
1620	386844.45, 3749552.42	1.1957	5.82E-05	8.09E-05	2.87E-04	2.02E-08	6.08E-08	3.52E-08	3.52E-08	3.19E-08	1.46E-08	1.46E-08	6.73E-10	1.63E-08	3.59E-09	4.78E-09	7.59E-09	1.34E-09	9.61E-10	3.52E-08
1621	386844.45, 3749602.42	1.21981	5.94E-05	8.25E-05	2.92E-04	2.06E-08	6.21E-08	3.59E-08	3.59E-08	3.26E-08	1.49E-08	1.49E-08	6.87E-10	1.66E-08	3.66E-09	4.88E-09	7.74E-09	1.36E-09	9.80E-10	3.59E-08

1622	386844.45, 3749652.42	1.24389	6.06E-05	8.41E-05	2.98E-04	2.10E-08	6.33E-08	3.66E-08	3.66E-08	3.32E-08	1.52E-08	1.52E-08	7.00E-10	1.69E-08	3.73E-09	4.98E-09	7.89E-09	1.39E-09	1.00E-09	3.66E-08
1623	386844.45, 3749702.42	1.27198	6.19E-05	8.60E-05	3.05E-04	2.14E-08	6.47E-08	3.75E-08	3.75E-08	3.40E-08	1.55E-08	1.55E-08	7.16E-10	1.73E-08	3.82E-09	5.09E-09	8.07E-09	1.42E-09	1.02E-09	3.74E-08
1624	386844.45, 3749752.42	1.29301	6.30E-05	8.75E-05	3.10E-04	2.18E-08	6.58E-08	3.81E-08	3.81E-08	3.45E-08	1.58E-08	1.58E-08	7.28E-10	1.76E-08	3.88E-09	5.17E-09	8.20E-09	1.45E-09	1.04E-09	3.80E-08
1625	386844.45, 3749802.42	1.32252	6.44E-05	8.95E-05	3.17E-04	2.23E-08	6.73E-08	3.90E-08	3.90E-08	3.53E-08	1.61E-08	1.61E-08	7.44E-10	1.80E-08	3.97E-09	5.29E-09	8.39E-09	1.48E-09	1.06E-09	3.89E-08
1626	386844.45, 3749852.42	1.33824	6.52E-05	9.05E-05	3.21E-04	2.26E-08	6.81E-08	3.94E-08	3.94E-08	3.57E-08	1.63E-08	1.63E-08	7.53E-10	1.82E-08	4.01E-09	5.35E-09	8.49E-09	1.50E-09	1.08E-09	3.94E-08
1627	386844.45, 3749902.42	1.36564	6.65E-05	9.24E-05	3.27E-04	2.30E-08	6.95E-08	4.02E-08	4.02E-08	3.65E-08	1.66E-08	1.66E-08	7.69E-10	1.86E-08	4.10E-09	5.46E-09	8.67E-09	1.53E-09	1.10E-09	4.02E-08
1628	386844.45, 3749952.42	1.38393	6.74E-05	9.36E-05	3.32E-04	2.33E-08	7.04E-08	4.08E-08	4.08E-08	3.70E-08	1.69E-08	1.69E-08	7.79E-10	1.88E-08	4.15E-09	5.54E-09	8.78E-09	1.55E-09	1.11E-09	4.07E-08
1629	386844.45, 3750002.42	1.4034	6.83E-05	9.49E-05	3.36E-04	2.37E-08	7.14E-08	4.13E-08	4.13E-08	3.75E-08	1.71E-08	1.71E-08	7.90E-10	1.91E-08	4.21E-09	5.61E-09	8.90E-09	1.57E-09	1.13E-09	4.13E-08
1630	386844.45, 3750052.42	1.42152	6.92E-05	9.62E-05	3.41E-04	2.40E-08	7.23E-08	4.19E-08	4.19E-08	3.80E-08	1.73E-08	1.73E-08	8.00E-10	1.93E-08	4.26E-09	5.69E-09	9.02E-09	1.59E-09	1.14E-09	4.18E-08
1631	386844.45, 3750102.42	1.4376	7.00E-05	9.72E-05	3.45E-04	2.42E-08	7.32E-08	4.24E-08	4.24E-08	3.84E-08	1.75E-08	1.75E-08	8.09E-10	1.95E-08	4.31E-09	5.75E-09	9.12E-09	1.61E-09	1.16E-09	4.23E-08
1632	386844.45, 3750152.42	1.45398	7.08E-05	9.84E-05	3.48E-04	2.45E-08	7.40E-08	4.28E-08	4.28E-08	3.88E-08	1.77E-08	1.77E-08	8.18E-10	1.98E-08	4.36E-09	5.82E-09	9.23E-09	1.63E-09	1.17E-09	4.28E-08
1633	386844.45, 3750202.42	1.46908	7.15E-05	9.94E-05	3.52E-04	2.48E-08	7.48E-08	4.33E-08	4.33E-08	3.92E-08	1.79E-08	1.79E-08	8.27E-10	2.00E-08	4.41E-09	5.88E-09	9.32E-09	1.64E-09	1.18E-09	4.32E-08
1634	386844.45, 3750252.42	1.48136	7.21E-05	1.00E-04	3.55E-04	2.50E-08	7.54E-08	4.36E-08	4.36E-08	3.96E-08	1.81E-08	1.81E-08	8.34E-10	2.01E-08	4.44E-09	5.93E-09	9.40E-09	1.66E-09	1.19E-09	4.36E-08
1635	386844.45, 3750302.42	1.49559	7.28E-05	1.01E-04	3.58E-04	2.52E-08	7.61E-08	4.41E-08	4.41E-08	3.99E-08	1.82E-08	1.82E-08	8.42E-10	2.03E-08	4.49E-09	5.98E-09	9.49E-09	1.67E-09	1.20E-09	4.40E-08
1636	386844.45, 3750352.42	1.51371	7.37E-05	1.02E-04	3.63E-04	2.55E-08	7.70E-08	4.46E-08	4.46E-08	4.04E-08	1.84E-08	1.84E-08	8.52E-10	2.06E-08	4.54E-09	6.05E-09	9.60E-09	1.69E-09	1.22E-09	4.45E-08
1637	386844.45, 3750402.42	1.53459	7.47E-05	1.04E-04	3.68E-04	2.59E-08	7.81E-08	4.52E-08	4.52E-08	4.10E-08	1.87E-08	1.87E-08	8.64E-10	2.09E-08	4.60E-09	6.14E-09	9.74E-09	1.72E-09	1.23E-09	4.52E-08
1638	386844.45, 3750452.42	1.55174	7.56E-05	1.05E-04	3.72E-04	2.62E-08	7.90E-08	4.57E-08	4.57E-08	4.14E-08	1.89E-08	1.89E-08	8.73E-10	2.11E-08	4.65E-09	6.21E-09	9.85E-09	1.74E-09	1.25E-09	4.57E-08
1639	386844.45, 3750502.42	1.56867	7.64E-05	1.06E-04	3.76E-04	2.64E-08	7.98E-08	4.62E-08	4.62E-08	4.19E-08	1.91E-08	1.91E-08	8.83E-10	2.13E-08	4.71E-09	6.27E-09	9.95E-09	1.75E-09	1.26E-09	4.62E-08
1640	386844.45, 3750552.42	1.58842	7.73E-05	1.07E-04	3.81E-04	2.68E-08	8.08E-08	4.68E-08	4.68E-08	4.24E-08	1.94E-08	1.94E-08	8.94E-10	2.16E-08	4.76E-09	6.35E-09	1.01E-08	1.78E-09	1.28E-09	4.67E-08
1641	386844.45, 3750602.42	1.60643	7.82E-05	1.09E-04	3.85E-04	2.71E-08	8.17E-08	4.73E-08	4.73E-08	4.29E-08	1.96E-08	1.96E-08	9.04E-10	2.18E-08	4.82E-09	6.43E-09	1.02E-08	1.80E-09	1.29E-09	4.73E-08
1642	386844.45, 3750652.42	1.62106	7.89E-05	1.10E-04	3.89E-04	2.73E-08	8.25E-08	4.78E-08	4.78E-08	4.33E-08	1.98E-08	1.98E-08	9.12E-10	2.20E-08	4.86E-09	6.48E-09	1.03E-08	1.81E-09	1.30E-09	4.77E-08
1643	386844.45, 3750702.42	1.63871	7.98E-05	1.11E-04	3.93E-04	2.76E-08	8.34E-08	4.83E-08	4.83E-08	4.38E-08	2.00E-08	2.00E-08	9.22E-10	2.23E-08	4.92E-09	6.55E-09	1.04E-08	1.83E-09	1.32E-09	4.82E-08
1644	386844.45, 3750752.42	1.65474	8.06E-05	1.12E-04	3.97E-04	2.79E-08	8.42E-08	4.87E-08	4.87E-08	4.42E-08	2.02E-08	2.02E-08	9.31E-10	2.25E-08	4.96E-09	6.62E-09	1.05E-08	1.85E-09	1.33E-09	4.87E-08
1645	386844.45, 3750802.42	1.6715	8.14E-05	1.13E-04	4.01E-04	2.82E-08	8.51E-08	4.92E-08	4.92E-08	4.46E-08	2.04E-08	2.04E-08	9.41E-10	2.27E-08	5.01E-09	6.69E-09	1.06E-08	1.87E-09	1.34E-09	4.92E-08
1646	386844.45, 3750852.42	1.68509	8.20E-05	1.14E-04	4.04E-04	2.84E-08	8.58E-08	4.96E-08	4.96E-08	4.50E-08	2.05E-08	2.05E-08	9.48E-10	2.29E-08	5.05E-09	6.74E-09	1.07E-08	1.88E-09	1.35E-09	4.96E-08
1647	386844.45, 3750902.42	1.70134	8.28E-05	1.15E-04	4.08E-04	2.87E-08	8.66E-08	5.01E-08	5.01E-08	4.54E-08	2.07E-08	2.07E-08	9.58E-10	2.31E-08	5.10E-09	6.80E-09	1.08E-08	1.90E-09	1.37E-09	5.01E-08
1648	386844.45, 3750952.42	1.71172	8.33E-05	1.16E-04	4.10E-04	2.88E-08	8.71E-08	5.04E-08	5.04E-08	4.57E-08	2.09E-08	2.09E-08	9.63E-10	2.33E-08	5.13E-09	6.85E-09	1.09E-08	1.91E-09	1.38E-09	5.04E-08
1649	386844.45, 3751002.42	1.72504	8.40E-05	1.17E-04	4.13E-04	2.91E-08	8.78E-08	5.08E-08	5.08E-08	4.61E-08	2.10E-08	2.10E-08	9.71E-10	2.35E-08	5.17E-09	6.90E-09	1.09E-08	1.93E-09	1.39E-09	5.08E-08
1650	386844.45, 3751052.42	1.73132	8.43E-05	1.17E-04	4.15E-04	2.92E-08	8.81E-08	5.10E-08	5.10E-08	4.62E-08	2.11E-08	2.11E-08	9.74E-10	2.35E-08	5.19E-09	6.92E-09	1.10E-08	1.94E-09	1.39E-09	5.09E-08
1651	386844.45, 3751102.42	1.74452	8.49E-05	1.18E-04	4.18E-04	2.94E-08	8.88E-08	5.14E-08	5.14E-08	4.66E-08	2.13E-08	2.13E-08	9.82E-10	2.37E-08	5.23E-09	6.98E-09	1.11E-08	1.95E-09	1.40E-09	5.13E-08
1652	386844.45, 3751152.42	1.75308	8.54E-05	1.19E-04	4.20E-04	2.95E-08	8.92E-08	5.16E-08	5.16E-08	4.68E-08	2.14E-08	2.14E-08	9.87E-10	2.38E-08	5.26E-09	7.01E-09	1.11E-08	1.96E-09	1.41E-09	5.16E-08
1653	386844.45, 3751202.42	1.74972	8.52E-05	1.18E-04	4.19E-04	2.95E-08	8.90E-08	5.15E-08	5.15E-08	4.67E-08	2.13E-08	2.13E-08	9.85E-10	2.38E-08	5.25E-09	7.00E-09	1.11E-08	1.96E-09	1.41E-09	5.15E-08
1654	386844.45, 3751252.42	1.76558	8.60E-05	1.19E-04	4.23E-04	2.98E-08	8.98E-08	5.20E-08	5.20E-08	4.71E-08	2.15E-08	2.15E-08	9.94E-10	2.40E-08	5.30E-09	7.06E-09	1.12E-08	1.97E-09	1.42E-09	5.20E-08
1655	386844.45, 3751302.42	1.78124	8.67E-05	1.20E-04	4.27E-04	3.00E-08	9.06E-08	5.25E-08	5.25E-08	4.76E-08	2.17E-08	2.17E-08	1.00E-09	2.42E-08	5.34E-09	7.12E-09	1.13E-08	1.99E-09	1.43E-09	5.24E-08
1656	386844.45, 3751352.42	1.78297	8.68E-05	1.21E-04	4.27E-04	3.01E-08	9.07E-08	5.25E-08	5.25E-08	4.76E-08	2.17E-08	2.17E-08	1.00E-09	2.42E-08	5.35E-09	7.13E-09	1.13E-08	1.99E-09	1.43E-09	5.25E-08
1657	386844.45, 3751402.42	1.79492	8.74E-05	1.21E-04	4.30E-04	3.03E-08	9.13E-08	5.29E-08	5.29E-08	4.79E-08	2.19E-08	2.19E-08	1.01E-09	2.44E-08	5.38E-09	7.18E-09	1.14E-08	2.01E-09	1.44E-09	5.28E-08
1658	386844.45, 3751452.42	1.78663	8.70E-05	1.21E-04	4.28E-04	3.01E-08	9.09E-08	5.26E-08	5.26E-08	4.77E-08	2.18E-08	2.18E-08	1.01E-09	2.43E-08	5.36E-09	7.15E-09	1.13E-08	2.00E-09	1.44E-09	5.26E-08
1659	386844.45, 3751502.42	1.78975	8.71E-05	1.21E-04	4.29E-04	3.02E-08	9.11E-08	5.27E-08	5.27E-08	4.78E-08	2.18E-08	2.18E-08	1.01E-09	2.43E-08	5.37E-09	7.16E-09	1.14E-08	2.00E-09	1.44E-09	5.27E-08
1660	386894.45, 3749002.42	0.8465	4.12E-05	5.73E-05	2.03E-04	1.43E-08	4.31E-08	2.49E-08	2.49E-08	2.26E-08	1.03E-08	1.03E-08	4.76E-10	1.15E-08	2.54E-09	3.39E-09	5.37E-09	9.47E-10	6.80E-10	2.49E-08
1661	386894.45, 3749052.42	0.89831	4.37E-05	6.08E-05	2.15E-04	1.51E-08	4.57E-08	2.65E-08	2.65E-08	2.40E-08	1.09E-08	1.09E-08	5.06E-10	1.22E-08	2.69E-09	3.59E-09	5.70E-09	1.00E-09	7.22E-10	2.64E-08
1662	386894.45, 3749102.42	0.95251	4.64E-05	6.44E-05	2.28E-04	1.61E-08	4.85E-08	2.81E-08	2.81E-08	2.54E-08	1.16E-08	1.16E-08	5.36E-10	1.29E-08	2.86E-09	3.81E-09	6.04E-09	1.07E-09	7.66E-10	2.80E-08
1663	386894.45, 3749152.42	0.99781	4.86E-05	6.75E-05	2.39E-04	1.68E-08	5.08E-08	2.94E-08	2.94E-08	2.66E-08	1.22E-08	1.22E-08	5.62E-10	1.36E-08	2.99E-09	3.99E-09	6.33E-09	1.12E-09	8.02E-10	2.94E-08
1664	386894.45, 3749202.42	1.04621	5.09E-05	7.08E-05	2.51E-04	1.76E-08	5.32E-08	3.08E-08	3.08E-08	2.79E-08	1.27E-08	1.27E-08	5.89E-10	1.42E-08	3.14E-09	4.18E-09	6.64E-09	1.17E-09	8.41E-10	3.08E-08
1665	386894.45, 3749252.42	1.08702	5.29E-05	7.35E-05	2.61E-04	1.83E-08	5.53E-08	3.20E-08	3.20E-08	2.90E-08	1.32E-08	1.32E-08	6.12E-10	1.48E-08	3.26E-09	4.35E-09	6.90E-09	1.22E-09	8.74E-10	3.20E-08
1666	386894.45, 3749302.42	1.12893	5.50E-05	7.64E-05	2.71E-04	1.90E-08	5.74E-08	3.33E-08	3.33E-08	3.01E-08	1.38E-08	1.38E-08	6.35E-10	1.53E-08	3.39E-09	4.52E-09	7.16E-09	1.26E-09	9.07E-10	3.32E-08
1667	386894.45, 3749352.42	1.17012	5.70E-05	7.92E-05	2.80E-04	1.97E-08	5.95E-08	3.45E-08	3.45E-08	3.12E-08	1.43E-08	1.43E-08	6.59E-10	1.59E-08	3.51E-09	4.68E-09	7.42E-09	1.31E-09	9.40E-10	3.44E-08
1668	386894.45, 3749402.42	1.20934	5.89E-05	8.18E-05	2.90E-04	2.04E-08	6.15E-08	3.56E-08	3.56E-08	3.23E-08	1.47E-08	1.47E-08	6.81E-10	1.64E-08	3.63E-09	4.84E-09	7.67E-09	1.35E-09	9.72E-10	3.56E-08
1669	386894.45, 3749452.42	1.26406	6.15E-05	8.55E-05	3.03E-04	2.13E-08	6.43E-08	3.72E-08	3.72E-08	3.38E-08	1.54E-08	1.54E-08	7.11E-10	1.72E-08	3.79E-09	5.06E-09	8.02E-09	1.41E-09	1.02E-09	3.72E-08
1670	386894.45, 3749502.42	1.27832	6.22E-05	8.65E-05	3.06E-04	2.15E-08	6.51E-08	3.77E-08	3.77E-08	3.41E-08	1.56E-08	1.56E-08	7.19E-10	1.74E-08	3.83E-09	5.11E-09	8.11E-09	1.43E-09	1.03E-09	3.76E-08
1671	386894.45, 3749552.42	1.31487	6.40E-05	8.89E-05	3.15E-04	2.22E-08	6.69E-08	3.87E-08	3.87E-08	3.51E-08	1.60E-08	1.60E-08	7.40E-10	1.79E-08	3.94E-09	5.26E-09	8.34E-09	1.47E-09	1.06E-09	3.87E-08
1672	386894.45, 3749602.42	1.3431	6.54E-05	9.09E-05	3.22E-04	2.26E-08	6.83E-08	3.96E-08	3.96E-08	3.59E-08	1.64E-08	1.64E-08	7.56E-10	1.83E-08	4.03E-09	5.37E-09	8.52E-09	1.50E-09	1.08E-09	3.95E-08
1673	386894.45, 3749652.42	1.37047	6.67E-05	9.27E-05	3.28E-04	2.31E-08	6.97E-08	4.04E-08	4.04E-08	3.66E-08	1.67E-08	1.67E-08	7.71E-10	1.86E-08	4.11E-09	5.48E-09	8.70E-09	1.53E-09	1.10E-09	4.03E-08
1674	386894.45, 3749702.42	1.40772	6.85E-05	9.52E-05	3.37E-04	2.37E-08	7.16E-08	4.15E-08	4.15E-08	3.76E-08	1.72E-08	1.72E-08	7.92E-10	1.91E-08	4.22E-09	5.63E-09	8.93E-09	1.57E-09	1.13E-09	4.14E-08
1675	386894.45, 3749752.42	1.43594	6.99E-05	9.71E-05	3.44E-04	2.42E-08	7.31E-08	4.23E-08	4.23E-08	3.83E-08	1.75E-08	1.75E-08	8.08E-10	1.95E-08	4.31E-09	5.74E-09	9.11E-09	1.61E-09	1.15E-09	4.23E-08
1676	386894.45, 3749802.42	1.46055	7.11E-05	9.88E-05	3.50E-04	2.46E-08	7.43E-08	4.30E-08	4.30E-08	3.90E-08	1.78E-08	1.78E-08	8.22E-10	1.99E-08	4.38E-09	5.84E-09	9.27E-09	1.63E-09	1.17E-09	4.30E-08
1677	386894.45, 3749852.42	1.48452	7.23E-05	1.00E-04	3.56E-04	2.50E-08	7.55E-08	4.37E-08	4.37E-08	3.96E-08	1.81E-08	1.81E-08	8.35E-10	2.02E-08	4.45E-09	5.94E-09	9.42E-09	1.66E-09	1.19E-09	4.37E-08
1678	386894.45, 3749902.42	1.50634	7.33E-05	1.02E-04	3.61E-04	2.54E-08	7.67E-08	4.44E-08	4.44E-08	4.02E-08	1.84E-08	1.84E-08	8.48E-10	2.05E-08	4.52E-09	6.02E-09	9.56E-09	1.68E-09	1.21E-09	4.43E-08
1679	386894.45, 3749952.42	1.52888	7.44E-05	1.03E-04	3.66E-04	2.58E-08	7.78E-08	4.50E-08	4.50E-08	4.08E-08	1.86E-08	1.86E-08	8.60E-10	2.08E-08	4.59E-09	6.12E-09	9.70E-09	1.71E-09	1.23E-09	4.50E-08
1680	386894.45, 3750002.42	1.54803	7.54E-05	1.05E-04	3.71E-04	2.61E-08	7.88E-08	4.56E-08	4.56E-08	4.13E-08	1.89E-08	1.89E-08	8.71E-10	2.10E-08	4.64E-09	6.19E-09	9.82E-09	1.73E-09	1.24E-09	4.55E-08
1681	386894.45, 3750052.42	1.5699	7.64E-05	1.06E-04	3.76E-04	2.65E-08	7.99E-08	4.62E-08	4.62E-08	4.19E-08	1.91E-08	1.91E-08	8.84E-10	2.13E-08	4.71E-09	6.28E-09	9.96E-09	1.76E-09	1.26E-09	4.62E-08
1682	386894.45, 3750102.42	1.59126	7.75E-05	1.08E-04	3.81E-04	2.68E-08	8.10E-08	4.69E-08	4.69E-08	4.25E-08	1.94E-08	1.94E-08	8.96E-10	2.16E-08	4.77E-09	6.36E-09	1.01E-08	1.78E-09	1.28E-09	4.68E-08
1683	386894.45, 3750152.42	1.61196	7.85E-05	1.09E-04	3.86E-04	2.72E-08	8.20E-08	4.75E-08	4.75E-08	4.30E-08	1.96E-08	1.96E-08	9.07E-10	2.19E-08	4.84E-09	6.45E-09	1.02E-08	1.80E-09	1.30E-09	4.74E-08
1684	386894.45, 3750202.42	1.63006	7.94E-05	1.10E-04	3.91E-04	2.75E-08	8.30E-08	4.80E-08	4.80E-08	4.35E-08	1.99E-08	1.99E-08	9.17E-10	2.22E-08	4.89E-09	6.52E-09	1.03E-08	1.82E-09	1.31E-09	4.80E-08
1685	386894.45, 3750252.42	1.6581	8.07E-05	1.12E-04	3.97E-04	2.79E-08	8.44E-08	4.88E-08	4.88E-08	4.43E-08	2.02E-08	2.02E-08	9.33E-10	2.25E-08	4.97E-09	6.63E-09	1.05E-08	1.85E-09	1.33E-09	4.88E-08
1686	386894.45, 3750302.42	1.67633	8.16E-05	1.13E-04	4.02E-04	2.83E-08	8.53E-08	4.94E-08	4.94E-08	4.48E-08	2.04E-08	2.04E-08	9.43E-10	2.28E-08	5.03E-09	6.70E-09	1.06E-08	1.87E-09	1.35E-09	4.93E-08

1687	386894.45, 3750352.42	1.70148	8.28E-05	1.15E-04	4.08E-04	2.87E-08	8.66E-08	5.01E-08	5.01E-08	4.54E-08	2.07E-08	2.07E-08	9.58E-10	2.31E-08	5.10E-09	6.81E-09	1.08E-08	1.90E-09	1.37E-09	5.01E-08
1688	386894.45, 3750402.42	1.72359	8.39E-05	1.17E-04	4.13E-04	2.90E-08	8.77E-08	5.08E-08	5.08E-08	4.60E-08	2.10E-08	2.10E-08	9.70E-10	2.34E-08	5.17E-09	6.89E-09	1.09E-08	1.93E-09	1.39E-09	5.07E-08
1689	386894.45, 3750452.42	1.74335	8.49E-05	1.18E-04	4.18E-04	2.94E-08	8.87E-08	5.14E-08	5.14E-08	4.66E-08	2.12E-08	2.12E-08	9.81E-10	2.37E-08	5.23E-09	6.97E-09	1.11E-08	1.95E-09	1.40E-09	5.13E-08
1690	386894.45, 3750502.42	1.75927	8.57E-05	1.19E-04	4.22E-04	2.97E-08	8.95E-08	5.18E-08	5.18E-08	4.70E-08	2.14E-08	2.14E-08	9.90E-10	2.39E-08	5.28E-09	7.04E-09	1.12E-08	1.97E-09	1.41E-09	5.18E-08
1691	386894.45, 3750552.42	1.7882	8.71E-05	1.21E-04	4.29E-04	3.01E-08	9.10E-08	5.27E-08	5.27E-08	4.78E-08	2.18E-08	2.18E-08	1.01E-09	2.43E-08	5.36E-09	7.15E-09	1.13E-08	2.00E-09	1.44E-09	5.26E-08
1692	386894.45, 3750602.42	1.80118	8.77E-05	1.22E-04	4.32E-04	3.04E-08	9.17E-08	5.31E-08	5.31E-08	4.81E-08	2.19E-08	2.19E-08	1.01E-09	2.45E-08	5.40E-09	7.20E-09	1.14E-08	2.01E-09	1.45E-09	5.30E-08
1693	386894.45, 3750652.42	1.82911	8.91E-05	1.24E-04	4.38E-04	3.08E-08	9.31E-08	5.39E-08	5.39E-08	4.88E-08	2.23E-08	2.23E-08	1.03E-09	2.49E-08	5.49E-09	7.32E-09	1.16E-08	2.05E-09	1.47E-09	5.38E-08
1694	386894.45, 3750702.42	1.84611	8.99E-05	1.25E-04	4.42E-04	3.11E-08	9.39E-08	5.44E-08	5.44E-08	4.93E-08	2.25E-08	2.25E-08	1.04E-09	2.51E-08	5.54E-09	7.38E-09	1.17E-08	2.06E-09	1.48E-09	5.43E-08
1695	386894.45, 3750752.42	1.86421	9.08E-05	1.26E-04	4.47E-04	3.14E-08	9.49E-08	5.49E-08	5.49E-08	4.98E-08	2.27E-08	2.27E-08	1.05E-09	2.53E-08	5.59E-09	7.46E-09	1.18E-08	2.08E-09	1.50E-09	5.49E-08
1696	386894.45, 3750802.42	1.88313	9.17E-05	1.27E-04	4.51E-04	3.17E-08	9.58E-08	5.55E-08	5.55E-08	5.03E-08	2.29E-08	2.29E-08	1.06E-09	2.56E-08	5.65E-09	7.53E-09	1.19E-08	2.11E-09	1.51E-09	5.54E-08
1697	386894.45, 3750852.42	1.90128	9.26E-05	1.29E-04	4.56E-04	3.20E-08	9.68E-08	5.60E-08	5.60E-08	5.08E-08	2.32E-08	2.32E-08	1.07E-09	2.58E-08	5.70E-09	7.60E-09	1.21E-08	2.13E-09	1.53E-09	5.59E-08
1698	386894.45, 3750902.42	1.9188	9.34E-05	1.30E-04	4.60E-04	3.23E-08	9.76E-08	5.65E-08	5.65E-08	5.12E-08	2.34E-08	2.34E-08	1.08E-09	2.61E-08	5.76E-09	7.67E-09	1.22E-08	2.15E-09	1.54E-09	5.65E-08
1699	386894.45, 3750952.42	1.94233	9.46E-05	1.31E-04	4.66E-04	3.27E-08	9.88E-08	5.72E-08	5.72E-08	5.19E-08	2.37E-08	2.37E-08	1.09E-09	2.64E-08	5.83E-09	7.77E-09	1.23E-08	2.17E-09	1.56E-09	5.72E-08
1700	386944.45, 3749002.42	0.93226	4.54E-05	6.31E-05	2.23E-04	1.57E-08	4.74E-08	2.75E-08	2.75E-08	2.49E-08	1.14E-08	1.14E-08	5.25E-10	1.27E-08	2.80E-09	3.73E-09	5.92E-09	1.04E-09	7.49E-10	2.74E-08
1701	386944.45, 3749052.42	0.98804	4.81E-05	6.68E-05	2.37E-04	1.67E-08	5.03E-08	2.91E-08	2.91E-08	2.64E-08	1.20E-08	1.20E-08	5.56E-10	1.34E-08	2.96E-09	3.95E-09	6.27E-09	1.10E-09	7.94E-10	2.91E-08
1702	386944.45, 3749102.42	1.05153	5.12E-05	7.11E-05	2.52E-04	1.77E-08	5.35E-08	3.10E-08	3.10E-08	2.81E-08	1.28E-08	1.28E-08	5.92E-10	1.43E-08	3.15E-09	4.21E-09	6.67E-09	1.18E-09	8.45E-10	3.09E-08
1703	386944.45, 3749152.42	1.10686	5.39E-05	7.49E-05	2.65E-04	1.87E-08	5.63E-08	3.26E-08	3.26E-08	2.96E-08	1.35E-08	1.35E-08	6.23E-10	1.50E-08	3.32E-09	4.43E-09	7.02E-09	1.24E-09	8.90E-10	3.26E-08
1704	386944.45, 3749202.42	1.16646	5.68E-05	7.89E-05	2.80E-04	1.97E-08	5.94E-08	3.44E-08	3.44E-08	3.12E-08	1.42E-08	1.42E-08	6.56E-10	1.59E-08	3.50E-09	4.67E-09	7.40E-09	1.30E-09	9.38E-10	3.43E-08
1705	386944.45, 3749252.42	1.21828	5.93E-05	8.24E-05	2.92E-04	2.05E-08	6.20E-08	3.59E-08	3.59E-08	3.25E-08	1.48E-08	1.48E-08	6.86E-10	1.66E-08	3.65E-09	4.87E-09	7.73E-09	1.36E-09	9.79E-10	3.58E-08
1706	386944.45, 3749302.42	1.26251	6.15E-05	8.54E-05	3.03E-04	2.13E-08	6.42E-08	3.72E-08	3.72E-08	3.37E-08	1.54E-08	1.54E-08	7.11E-10	1.72E-08	3.79E-09	5.05E-09	8.01E-09	1.41E-09	1.01E-09	3.71E-08
1707	386944.45, 3749352.42	1.35096	6.58E-05	9.14E-05	3.24E-04	2.28E-08	6.87E-08	3.98E-08	3.98E-08	3.61E-08	1.65E-08	1.65E-08	7.60E-10	1.84E-08	4.05E-09	5.40E-09	8.57E-09	1.51E-09	1.09E-09	3.98E-08
1708	386944.45, 3749402.42	1.35647	6.60E-05	9.18E-05	3.25E-04	2.29E-08	6.90E-08	4.00E-08	4.00E-08	3.62E-08	1.65E-08	1.65E-08	7.63E-10	1.84E-08	4.07E-09	5.43E-09	8.61E-09	1.52E-09	1.09E-09	3.99E-08
1709	386944.45, 3749452.42	1.38863	6.76E-05	9.39E-05	3.33E-04	2.34E-08	7.07E-08	4.09E-08	4.09E-08	3.71E-08	1.69E-08	1.69E-08	7.82E-10	1.89E-08	4.17E-09	5.55E-09	8.81E-09	1.55E-09	1.12E-09	4.09E-08
1710	386944.45, 3749502.42	1.42343	6.93E-05	9.63E-05	3.41E-04	2.40E-08	7.24E-08	4.19E-08	4.19E-08	3.80E-08	1.73E-08	1.73E-08	8.01E-10	1.94E-08	4.27E-09	5.69E-09	9.03E-09	1.59E-09	1.14E-09	4.19E-08
1711	386944.45, 3749552.42	1.46094	7.11E-05	9.88E-05	3.50E-04	2.46E-08	7.43E-08	4.30E-08	4.30E-08	3.90E-08	1.78E-08	1.78E-08	8.22E-10	1.99E-08	4.38E-09	5.84E-09	9.27E-09	1.63E-09	1.17E-09	4.30E-08
1712	386944.45, 3749602.42	1.50008	7.30E-05	1.01E-04	3.60E-04	2.53E-08	7.63E-08	4.42E-08	4.42E-08	4.01E-08	1.83E-08	1.83E-08	8.44E-10	2.04E-08	4.50E-09	6.00E-09	9.52E-09	1.68E-09	1.21E-09	4.41E-08
1713	386944.45, 3749652.42	1.53388	7.47E-05	1.04E-04	3.68E-04	2.59E-08	7.81E-08	4.52E-08	4.52E-08	4.10E-08	1.87E-08	1.87E-08	8.63E-10	2.09E-08	4.60E-09	6.14E-09	9.73E-09	1.72E-09	1.23E-09	4.51E-08
1714	386944.45, 3749702.42	1.56615	7.63E-05	1.06E-04	3.75E-04	2.64E-08	7.97E-08	4.61E-08	4.61E-08	4.18E-08	1.91E-08	1.91E-08	8.81E-10	2.13E-08	4.70E-09	6.26E-09	9.94E-09	1.75E-09	1.26E-09	4.61E-08
1715	386944.45, 3749752.42	1.59826	7.78E-05	1.08E-04	3.83E-04	2.69E-08	8.13E-08	4.71E-08	4.71E-08	4.27E-08	1.95E-08	1.95E-08	9.00E-10	2.17E-08	4.79E-09	6.39E-09	1.01E-08	1.79E-09	1.28E-09	4.70E-08
1716	386944.45, 3749802.42	1.62845	7.93E-05	1.10E-04	3.90E-04	2.74E-08	8.29E-08	4.80E-08	4.80E-08	4.35E-08	1.98E-08	1.98E-08	9.16E-10	2.21E-08	4.89E-09	6.51E-09	1.03E-08	1.82E-09	1.31E-09	4.79E-08
1717	386944.45, 3749852.42	1.65298	8.05E-05	1.12E-04	3.96E-04	2.79E-08	8.41E-08	4.87E-08	4.87E-08	4.41E-08	2.01E-08	2.01E-08	9.30E-10	2.25E-08	4.96E-09	6.61E-09	1.05E-08	1.85E-09	1.33E-09	4.86E-08
1718	386944.45, 3749902.42	1.6774	8.17E-05	1.13E-04	4.02E-04	2.83E-08	8.54E-08	4.94E-08	4.94E-08	4.48E-08	2.04E-08	2.04E-08	9.44E-10	2.28E-08	5.03E-09	6.71E-09	1.06E-08	1.88E-09	1.35E-09	4.94E-08
1719	386944.45, 3749952.42	1.70738	8.31E-05	1.15E-04	4.09E-04	2.88E-08	8.69E-08	5.03E-08	5.03E-08	4.56E-08	2.08E-08	2.08E-08	9.61E-10	2.32E-08	5.12E-09	6.83E-09	1.08E-08	1.91E-09	1.37E-09	5.02E-08
1720	386944.45, 3750002.42	1.73003	8.42E-05	1.17E-04	4.15E-04	2.92E-08	8.80E-08	5.10E-08	5.10E-08	4.62E-08	2.11E-08	2.11E-08	9.74E-10	2.35E-08	5.19E-09	6.92E-09	1.10E-08	1.93E-09	1.39E-09	5.09E-08
1721	386944.45, 3750052.42	1.75497	8.54E-05	1.19E-04	4.21E-04	2.96E-08	8.93E-08	5.17E-08	5.17E-08	4.69E-08	2.14E-08	2.14E-08	9.88E-10	2.39E-08	5.26E-09	7.02E-09	1.11E-08	1.96E-09	1.41E-09	5.16E-08
1722	386944.45, 3750102.42	1.7825	8.68E-05	1.21E-04	4.27E-04	3.00E-08	9.07E-08	5.25E-08	5.25E-08	4.76E-08	2.17E-08	2.17E-08	1.00E-09	2.42E-08	5.35E-09	7.13E-09	1.13E-08	1.99E-09	1.43E-09	5.24E-08
1723	386944.45, 3750152.42	1.80832	8.80E-05	1.22E-04	4.33E-04	3.05E-08	9.20E-08	5.33E-08	5.33E-08	4.83E-08	2.20E-08	2.20E-08	1.02E-09	2.46E-08	5.42E-09	7.23E-09	1.15E-08	2.02E-09	1.45E-09	5.32E-08
1724	386944.45, 3750202.42	1.8309	8.91E-05	1.24E-04	4.39E-04	3.09E-08	9.32E-08	5.39E-08	5.39E-08	4.89E-08	2.23E-08	2.23E-08	1.03E-09	2.49E-08	5.49E-09	7.32E-09	1.16E-08	2.05E-09	1.47E-09	5.39E-08
1725	386944.45, 3750252.42	1.86773	9.09E-05	1.26E-04	4.48E-04	3.15E-08	9.50E-08	5.50E-08	5.50E-08	4.99E-08	2.28E-08	2.28E-08	1.05E-09	2.54E-08	5.60E-09	7.47E-09	1.19E-08	2.09E-09	1.50E-09	5.50E-08
1726	386944.45, 3750302.42	1.88738	9.19E-05	1.28E-04	4.52E-04	3.18E-08	9.60E-08	5.56E-08	5.56E-08	5.04E-08	2.30E-08	2.30E-08	1.06E-09	2.57E-08	5.66E-09	7.55E-09	1.20E-08	2.11E-09	1.52E-09	5.55E-08
1727	386944.45, 3750352.42	1.92429	9.37E-05	1.30E-04	4.61E-04	3.24E-08	9.79E-08	5.67E-08	5.67E-08	5.14E-08	2.34E-08	2.34E-08	1.08E-09	2.62E-08	5.77E-09	7.70E-09	1.22E-08	2.15E-09	1.55E-09	5.66E-08
1728	386944.45, 3750402.42	1.9448	9.47E-05	1.32E-04	4.66E-04	3.28E-08	9.90E-08	5.73E-08	5.73E-08	5.19E-08	2.37E-08	2.37E-08	1.09E-09	2.64E-08	5.83E-09	7.78E-09	1.23E-08	2.17E-09	1.56E-09	5.72E-08
1729	386994.45, 3749002.42	1.02541	4.99E-05	6.94E-05	2.46E-04	1.73E-08	5.22E-08	3.02E-08	3.02E-08	2.74E-08	1.25E-08	1.25E-08	5.77E-10	1.39E-08	3.08E-09	4.10E-09	6.51E-09	1.15E-09	8.24E-10	3.02E-08
1730	386994.45, 3749052.42	1.10179	5.36E-05	7.45E-05	2.64E-04	1.86E-08	5.61E-08	3.25E-08	3.25E-08	2.94E-08	1.34E-08	1.34E-08	6.20E-10	1.50E-08	3.31E-09	4.41E-09	6.99E-09	1.23E-09	8.86E-10	3.24E-08
1731	386994.45, 3749102.42	1.18142	5.75E-05	7.99E-05	2.83E-04	1.99E-08	6.01E-08	3.48E-08	3.48E-08	3.15E-08	1.44E-08	1.44E-08	6.65E-10	1.61E-08	3.54E-09	4.73E-09	7.50E-09	1.32E-09	9.50E-10	3.48E-08
1732	386994.45, 3749152.42	1.25424	6.11E-05	8.48E-05	3.01E-04	2.11E-08	6.38E-08	3.69E-08	3.69E-08	3.35E-08	1.53E-08	1.53E-08	7.06E-10	1.71E-08	3.76E-09	5.02E-09	7.96E-09	1.40E-09	1.01E-09	3.69E-08
1733	386994.45, 3749202.42	1.31502	6.40E-05	8.90E-05	3.15E-04	2.22E-08	6.69E-08	3.87E-08	3.87E-08	3.51E-08	1.60E-08	1.60E-08	7.40E-10	1.79E-08	3.94E-09	5.26E-09	8.34E-09	1.47E-09	1.06E-09	3.87E-08
1734	386994.45, 3749252.42	1.36501	6.65E-05	9.23E-05	3.27E-04	2.30E-08	6.95E-08	4.02E-08	4.02E-08	3.65E-08	1.66E-08	1.66E-08	7.68E-10	1.86E-08	4.09E-09	5.46E-09	8.66E-09	1.53E-09	1.10E-09	4.02E-08
1735	386994.45, 3749302.42	1.43848	7.00E-05	9.73E-05	3.45E-04	2.42E-08	7.32E-08	4.24E-08	4.24E-08	3.84E-08	1.75E-08	1.75E-08	8.10E-10	1.96E-08	4.32E-09	5.75E-09	9.13E-09	1.61E-09	1.16E-09	4.23E-08
1736	386994.45, 3749352.42	1.48096	7.21E-05	1.00E-04	3.55E-04	2.50E-08	7.54E-08	4.36E-08	4.36E-08	3.95E-08	1.80E-08	1.80E-08	8.33E-10	2.01E-08	4.44E-09	5.92E-09	9.40E-09	1.66E-09	1.19E-09	4.36E-08
1737	386994.45, 3749402.42	1.52046	7.40E-05	1.03E-04	3.64E-04	2.56E-08	7.74E-08	4.48E-08	4.48E-08	4.06E-08	1.85E-08	1.85E-08	8.56E-10	2.07E-08	4.56E-09	6.08E-09	9.65E-09	1.70E-09	1.22E-09	4.47E-08
1738	386994.45, 3749452.42	1.55737	7.58E-05	1.05E-04	3.73E-04	2.62E-08	7.93E-08	4.59E-08	4.59E-08	4.16E-08	1.90E-08	1.90E-08	8.76E-10	2.12E-08	4.67E-09	6.23E-09	9.88E-09	1.74E-09	1.25E-09	4.58E-08
1739	386994.45, 3749502.42	1.59693	7.78E-05	1.08E-04	3.83E-04	2.69E-08	8.13E-08	4.70E-08	4.70E-08	4.26E-08	1.95E-08	1.95E-08	8.99E-10	2.17E-08	4.79E-09	6.39E-09	1.01E-08	1.79E-09	1.28E-09	4.70E-08
1740	386994.45, 3749552.42	1.63983	7.98E-05	1.11E-04	3.93E-04	2.76E-08	8.34E-08	4.83E-08	4.83E-08	4.38E-08	2.00E-08	2.00E-08	9.23E-10	2.23E-08	4.92E-09	6.56E-09	1.04E-08	1.83E-09	1.32E-09	4.83E-08
1741	386994.45, 3749602.42	1.68526	8.21E-05	1.14E-04	4.04E-04	2.84E-08	8.58E-08	4.96E-08	4.96E-08	4.50E-08	2.05E-08	2.05E-08	9.48E-10	2.29E-08	5.06E-09	6.74E-09	1.07E-08	1.88E-09	1.35E-09	4.96E-08
1742	386994.45, 3749652.42	1.72743	8.41E-05	1.17E-04	4.14E-04	2.91E-08	8.79E-08	5.09E-08	5.09E-08	4.61E-08	2.10E-08	2.10E-08	9.72E-10	2.35E-08	5.18E-09	6.91E-09	1.10E-08	1.93E-09	1.39E-09	5.08E-08
1743	386994.45, 3749702.42	1.7618	8.58E-05	1.19E-04	4.22E-04	2.97E-08	8.97E-08	5.19E-08	5.19E-08	4.70E-08	2.15E-08	2.15E-08	9.92E-10	2.40E-08	5.29E-09	7.05E-09	1.12E-08	1.97E-09	1.42E-09	5.18E-08
1744	386994.45, 3749752.42	1.79714	8.75E-05	1.22E-04	4.31E-04	3.03E-08	9.15E-08	5.29E-08	5.29E-08	4.80E-08	2.19E-08	2.19E-08	1.01E-09	2.44E-08	5.39E-09	7.19E-09	1.14E-08	2.01E-09	1.44E-09	5.29E-08
1745	386994.45, 3749802.42	1.83327	8.93E-05	1.24E-04	4.39E-04	3.09E-08	9.33E-08	5.40E-08	5.40E-08	4.90E-08	2.23E-08	2.23E-08	1.03E-09	2.49E-08	5.50E-09	7.33E-09	1.16E-08	2.05E-09	1.47E-09	5.39E-08
1746	386994.45, 3749852.42	1.85654	9.04E-05	1.26E-04	4.45E-04	3.13E-08	9.45E-08	5.47E-08	5.47E-08	4.96E-08	2.26E-08	2.26E-08	1.04E-09	2.52E-08	5.57E-09	7.43E-09	1.18E-08	2.08E-09	1.49E-09	5.46E-08
1747	387044.45, 3749002.42	1.14124	5.56E-05	7.72E-05	2.74E-04	1.92E-08	5.81E-08	3.36E-08	3.36E-08	3.05E-08	1.39E-08	1.39E-08	6.42E-10	1.55E-08	3.42E-09	4.56E-09	7.24E-09	1.28E-09	9.17E-10	3.36E-08
1748	387044.45, 3749052.42	1.23918	6.03E-05	8.38E-05	2.97E-04	2.09E-08	6.31E-08	3.65E-08	3.65E-08	3.31E-08	1.51E-08	1.51E-08	6.97E-10	1.68E-08	3.72E-09	4.96E-09	7.86E-09	1.39E-09	9.96E-10	3.65E-08
1749	387044.45, 3749102.42	1.3428	6.54E-05	9.08E-05	3.22E-04	2.26E-08	6.83E-08	3.96E-08	3.96E-08	3.59E-08	1.64E-08	1.64E-08	7.56E-10	1.83E-08	4.03E-09	5.37E-09	8.52E-09	1.50E-09	1.08E-09	3.95E-08
1750	387044.45, 3749152.42	1.41768	6.90E-05	9.59E-05	3.40E-04	2.39E-08	7.21E-08	4.18E-08	4.18E-08	3.79E-08	1.73E-08	1.73E-08	7.98E-10	1.93E-08	4.25E-09	5.67E-09	9.00E-09	1.59E-09	1.14E-09	4.17E-08
1751	387044.45, 3749202.42	1.4782	7.20E-05	1.00E-04	3.54E-04	2.49E-08	7.52E-08	4.35E-08	4.35E-08	3.95E-08	1.80E-08	1.80E-08	8.32E-10	2.01E-08	4.43E-09	5.91E-09	9.38E-09	1.65E-09	1.19E-09	4.35E-08

1752	387044.45, 3749252.42	1.54347	7.51E-05	1.04E-04	3.70E-04	2.60E-08	7.85E-08	4.55E-08	4.55E-08	4.12E-08	1.88E-08	1.88E-08	8.69E-10	2.10E-08	4.63E-09	6.17E-09	9.79E-09	1.73E-09	1.24E-09	4.54E-08
1753	387044.45, 3749302.42	1.60817	7.83E-05	1.09E-04	3.85E-04	2.71E-08	8.18E-08	4.74E-08	4.74E-08	4.29E-08	1.96E-08	1.96E-08	9.05E-10	2.19E-08	4.82E-09	6.43E-09	1.02E-08	1.80E-09	1.29E-09	4.73E-08
1754	387152.74, 3751734.85	14.17404	6.90E-04	9.59E-04	3.40E-03	2.39E-07	7.21E-07	4.18E-07	4.18E-07	3.79E-07	1.73E-07	1.73E-07	7.98E-09	1.93E-07	4.25E-08	5.67E-08	8.99E-08	1.59E-08	1.14E-08	4.17E-07
1755	387152.74, 3751759.85	13.83829	6.74E-04	9.36E-04	3.32E-03	2.33E-07	7.04E-07	4.08E-07	4.08E-07	3.70E-07	1.69E-07	1.69E-07	7.79E-09	1.88E-07	4.15E-08	5.53E-08	8.78E-08	1.55E-08	1.11E-08	4.07E-07
1756	387152.74, 3751784.85	12.85818	6.26E-04	8.70E-04	3.08E-03	2.17E-07	6.54E-07	3.79E-07	3.79E-07	3.43E-07	1.57E-07	1.57E-07	7.24E-09	1.75E-07	3.86E-08	5.14E-08	8.16E-08	1.44E-08	1.03E-08	3.78E-07
1757	387152.74, 3751809.85	11.98073	5.83E-04	8.10E-04	2.87E-03	2.02E-07	6.10E-07	3.53E-07	3.53E-07	3.20E-07	1.46E-07	1.46E-07	6.74E-09	1.63E-07	3.59E-08	4.79E-08	7.60E-08	1.34E-08	9.63E-09	3.53E-07
1758	387152.74, 3751834.85	11.39358	5.55E-04	7.71E-04	2.73E-03	1.92E-07	5.80E-07	3.36E-07	3.36E-07	3.04E-07	1.39E-07	1.39E-07	6.41E-09	1.55E-07	3.42E-08	4.56E-08	7.23E-08	1.27E-08	9.16E-09	3.35E-07
1759	387152.74, 3751859.85	10.29393	5.01E-04	6.96E-04	2.47E-03	1.73E-07	5.24E-07	3.03E-07	3.03E-07	2.75E-07	1.25E-07	1.25E-07	5.79E-09	1.40E-07	3.09E-08	4.12E-08	6.53E-08	1.15E-08	8.27E-09	3.03E-07
1760	387177.74, 3751534.85	15.33547	7.47E-04	1.04E-03	3.68E-03	2.58E-07	7.80E-07	4.52E-07	4.52E-07	4.10E-07	1.87E-07	1.87E-07	8.63E-09	2.08E-07	4.60E-08	6.13E-08	9.73E-08	1.71E-08	1.23E-08	4.51E-07
1761	387177.74, 3751559.85	15.12801	7.37E-04	1.02E-03	3.63E-03	2.55E-07	7.70E-07	4.46E-07	4.46E-07	4.04E-07	1.84E-07	1.84E-07	8.51E-09	2.06E-07	4.54E-08	6.05E-08	9.60E-08	1.69E-08	1.22E-08	4.45E-07
1762	387177.74, 3751584.85	14.12367	6.88E-04	9.55E-04	3.39E-03	2.38E-07	7.19E-07	4.16E-07	4.16E-07	3.77E-07	1.72E-07	1.72E-07	7.95E-09	1.92E-07	4.24E-08	5.65E-08	8.96E-08	1.58E-08	1.14E-08	4.16E-07
1763	387177.74, 3751609.85	13.23996	6.45E-04	8.96E-04	3.17E-03	2.23E-07	6.74E-07	3.90E-07	3.90E-07	3.54E-07	1.61E-07	1.61E-07	7.45E-09	1.80E-07	3.97E-08	5.30E-08	8.40E-08	1.48E-08	1.06E-08	3.90E-07
1764	387177.74, 3751634.85	12.72663	6.20E-04	8.61E-04	3.05E-03	2.14E-07	6.48E-07	3.75E-07	3.75E-07	3.40E-07	1.55E-07	1.55E-07	7.16E-09	1.73E-07	3.82E-08	5.09E-08	8.08E-08	1.42E-08	1.02E-08	3.74E-07
1765	387177.74, 3751659.85	11.77868	5.73E-04	7.97E-04	2.82E-03	1.99E-07	5.99E-07	3.47E-07	3.47E-07	3.15E-07	1.44E-07	1.44E-07	6.63E-09	1.60E-07	3.53E-08	4.71E-08	7.47E-08	1.32E-08	9.47E-09	3.47E-07
1766	387177.74, 3751684.85	11.15435	5.43E-04	7.55E-04	2.67E-03	1.88E-07	5.68E-07	3.29E-07	3.29E-07	2.98E-07	1.36E-07	1.36E-07	6.28E-09	1.52E-07	3.35E-08	4.46E-08	7.08E-08	1.25E-08	8.97E-09	3.28E-07
1767	387177.74, 3751709.85	10.67137	5.20E-04	7.22E-04	2.56E-03	1.80E-07	5.43E-07	3.14E-07	3.14E-07	2.85E-07	1.30E-07	1.30E-07	6.01E-09	1.45E-07	3.20E-08	4.27E-08	6.77E-08	1.19E-08	8.58E-09	3.14E-07
1768	387177.74, 3751734.85	10.00187	4.87E-04	6.77E-04	2.40E-03	1.69E-07	5.09E-07	2.95E-07	2.95E-07	2.67E-07	1.22E-07	1.22E-07	5.63E-09	1.36E-07	3.00E-08	4.00E-08	6.35E-08	1.12E-08	8.04E-09	2.94E-07
1769	387177.74, 3751759.85	9.61924	4.68E-04	6.51E-04	2.31E-03	1.62E-07	4.90E-07	2.83E-07	2.83E-07	2.57E-07	1.17E-07	1.17E-07	5.41E-09	1.31E-07	2.89E-08	3.85E-08	6.10E-08	1.08E-08	7.73E-09	2.83E-07
1770	387177.74, 3751784.85	9.18843	4.47E-04	6.22E-04	2.20E-03	1.55E-07	4.68E-07	2.71E-07	2.71E-07	2.45E-07	1.12E-07	1.12E-07	5.17E-09	1.25E-07	2.76E-08	3.68E-08	5.83E-08	1.03E-08	7.39E-09	2.70E-07
1771	387177.74, 3751809.85	8.77404	4.27E-04	5.94E-04	2.10E-03	1.48E-07	4.46E-07	2.58E-07	2.58E-07	2.34E-07	1.07E-07	1.07E-07	4.94E-09	1.19E-07	2.63E-08	3.51E-08	5.57E-08	9.81E-09	7.05E-09	2.58E-07
1772	387177.74, 3751834.85	8.33388	4.06E-04	5.64E-04	2.00E-03	1.40E-07	4.24E-07	2.46E-07	2.46E-07	2.23E-07	1.02E-07	1.02E-07	4.69E-09	1.13E-07	2.50E-08	3.33E-08	5.29E-08	9.32E-09	6.70E-09	2.45E-07
1773	387177.74, 3751859.85	7.67186	3.74E-04	5.19E-04	1.84E-03	1.29E-07	3.90E-07	2.26E-07	2.26E-07	2.05E-07	9.35E-08	9.35E-08	4.32E-09	1.04E-07	2.30E-08	3.07E-08	4.87E-08	8.58E-09	6.17E-09	2.26E-07
1774	387202.74, 3751309.85	17.24105	8.39E-04	1.17E-03	4.13E-03	2.91E-07	8.77E-07	5.08E-07	5.08E-07	4.60E-07	2.10E-07	2.10E-07	9.70E-09	2.34E-07	5.17E-08	6.90E-08	1.09E-07	1.93E-08	1.39E-08	5.07E-07
1775	387202.74, 3751334.85	15.04731	7.33E-04	1.02E-03	3.61E-03	2.54E-07	7.66E-07	4.43E-07	4.43E-07	4.02E-07	1.83E-07	1.83E-07	8.47E-09	2.05E-07	4.51E-08	6.02E-08	9.55E-08	1.68E-08	1.21E-08	4.43E-07
1776	387202.74, 3751359.85	14.42206	7.02E-04	9.76E-04	3.46E-03	2.43E-07	7.34E-07	4.25E-07	4.25E-07	3.85E-07	1.76E-07	1.76E-07	8.12E-09	1.96E-07	4.33E-08	5.77E-08	9.15E-08	1.61E-08	1.16E-08	4.24E-07
1777	387202.74, 3751384.85	13.87639	6.76E-04	9.39E-04	3.33E-03	2.34E-07	7.06E-07	4.09E-07	4.09E-07	3.71E-07	1.69E-07	1.69E-07	7.81E-09	1.89E-07	4.16E-08	5.55E-08	8.80E-08	1.55E-08	1.12E-08	4.08E-07
1778	387202.74, 3751409.85	13.00595	6.33E-04	8.80E-04	3.12E-03	2.19E-07	6.62E-07	3.83E-07	3.83E-07	3.47E-07	1.58E-07	1.58E-07	7.32E-09	1.77E-07	3.90E-08	5.20E-08	8.25E-08	1.45E-08	1.05E-08	3.83E-07
1779	387202.74, 3751434.85	12.64862	6.16E-04	8.56E-04	3.03E-03	2.13E-07	6.44E-07	3.73E-07	3.73E-07	3.38E-07	1.54E-07	1.54E-07	7.12E-09	1.72E-07	3.79E-08	5.06E-08	8.03E-08	1.41E-08	1.02E-08	3.72E-07
1780	387202.74, 3751459.85	11.91958	5.80E-04	8.06E-04	2.86E-03	2.01E-07	6.07E-07	3.51E-07	3.51E-07	3.18E-07	1.45E-07	1.45E-07	6.71E-09	1.62E-07	3.58E-08	4.77E-08	7.56E-08	1.33E-08	9.58E-09	3.51E-07
1781	387202.74, 3751484.85	11.54518	5.62E-04	7.81E-04	2.77E-03	1.95E-07	5.88E-07	3.40E-07	3.40E-07	3.08E-07	1.41E-07	1.41E-07	6.50E-09	1.57E-07	3.46E-08	4.62E-08	7.33E-08	1.29E-08	9.28E-09	3.40E-07
1782	387202.74, 3751509.85	11.29807	5.50E-04	7.64E-04	2.71E-03	1.90E-07	5.75E-07	3.33E-07	3.33E-07	3.02E-07	1.38E-07	1.38E-07	6.36E-09	1.54E-07	3.39E-08	4.52E-08	7.17E-08	1.26E-08	9.08E-09	3.32E-07
1783	387202.74, 3751534.85	10.8031	5.26E-04	7.31E-04	2.59E-03	1.82E-07	5.50E-07	3.18E-07	3.18E-07	2.88E-07	1.32E-07	1.32E-07	6.08E-09	1.47E-07	3.24E-08	4.32E-08	6.85E-08	1.21E-08	8.68E-09	3.18E-07
1784	387202.74, 3751559.85	10.51268	5.12E-04	7.11E-04	2.52E-03	1.77E-07	5.35E-07	3.10E-07	3.10E-07	2.81E-07	1.28E-07	1.28E-07	5.92E-09	1.43E-07	3.15E-08	4.20E-08	6.67E-08	1.18E-08	8.45E-09	3.09E-07
1785	387202.74, 3751584.85	10.02482	4.88E-04	6.78E-04	2.40E-03	1.69E-07	5.10E-07	2.95E-07	2.95E-07	2.68E-07	1.22E-07	1.22E-07	5.64E-09	1.36E-07	3.01E-08	4.01E-08	6.36E-08	1.12E-08	8.06E-09	2.95E-07
1786	387202.74, 3751609.85	9.59492	4.67E-04	6.49E-04	2.30E-03	1.62E-07	4.88E-07	2.83E-07	2.83E-07	2.56E-07	1.17E-07	1.17E-07	5.40E-09	1.30E-07	2.88E-08	3.84E-08	6.09E-08	1.07E-08	7.71E-09	2.82E-07
1787	387202.74, 3751634.85	9.31527	4.54E-04	6.30E-04	2.23E-03	1.57E-07	4.74E-07	2.74E-07	2.74E-07	2.49E-07	1.14E-07	1.14E-07	5.24E-09	1.27E-07	2.79E-08	3.73E-08	5.91E-08	1.04E-08	7.49E-09	2.74E-07
1788	387202.74, 3751659.85	8.9953	4.38E-04	6.08E-04	2.16E-03	1.52E-07	4.58E-07	2.65E-07	2.65E-07	2.40E-07	1.10E-07	1.10E-07	5.06E-09	1.22E-07	2.70E-08	3.60E-08	5.71E-08	1.01E-08	7.23E-09	2.65E-07
1789	387202.74, 3751684.85	8.59575	4.19E-04	5.81E-04	2.06E-03	1.45E-07	4.37E-07	2.53E-07	2.53E-07	2.30E-07	1.05E-07	1.05E-07	4.84E-09	1.17E-07	2.58E-08	3.44E-08	5.45E-08	9.61E-09	6.91E-09	2.53E-07
1790	387202.74, 3751709.85	8.25179	4.02E-04	5.58E-04	1.98E-03	1.39E-07	4.20E-07	2.43E-07	2.43E-07	2.20E-07	1.01E-07	1.01E-07	4.64E-09	1.12E-07	2.48E-08	3.30E-08	5.24E-08	9.23E-09	6.63E-09	2.43E-07
1791	387202.74, 3751734.85	7.88541	3.84E-04	5.33E-04	1.89E-03	1.33E-07	4.01E-07	2.32E-07	2.32E-07	2.11E-07	9.61E-08	9.61E-08	4.44E-09	1.07E-07	2.37E-08	3.15E-08	5.00E-08	8.82E-09	6.34E-09	2.32E-07
1792	387202.74, 3751759.85	7.53324	3.67E-04	5.10E-04	1.81E-03	1.27E-07	3.83E-07	2.22E-07	2.22E-07	2.01E-07	9.18E-08	9.18E-08	4.24E-09	1.02E-07	2.26E-08	3.01E-08	4.78E-08	8.42E-09	6.05E-09	2.22E-07
1793	387202.74, 3751784.85	7.20242	3.51E-04	4.87E-04	1.73E-03	1.21E-07	3.67E-07	2.12E-07	2.12E-07	1.92E-07	8.78E-08	8.78E-08	4.05E-09	9.79E-08	2.16E-08	2.88E-08	4.57E-08	8.05E-09	5.79E-09	2.12E-07
1794	387202.74, 3751809.85	6.95302	3.39E-04	4.70E-04	1.67E-03	1.17E-07	3.54E-07	2.05E-07	2.05E-07	1.86E-07	8.47E-08	8.47E-08	3.91E-09	9.45E-08	2.09E-08	2.78E-08	4.41E-08	7.78E-09	5.59E-09	2.05E-07
1795	387202.74, 3751834.85	6.56753	3.20E-04	4.44E-04	1.57E-03	1.11E-07	3.34E-07	1.93E-07	1.93E-07	1.75E-07	8.00E-08	8.00E-08	3.70E-09	8.93E-08	1.97E-08	2.63E-08	4.17E-08	7.34E-09	5.28E-09	1.93E-07
1796	387202.74, 3751859.85	6.12886	2.98E-04	4.15E-04	1.47E-03	1.03E-07	3.12E-07	1.81E-07	1.81E-07	1.64E-07	7.47E-08	7.47E-08	3.45E-09	8.33E-08	1.84E-08	2.45E-08	3.89E-08	6.85E-09	4.93E-09	1.80E-07
1797	387227.74, 3751109.85	16.56847	8.07E-04	1.12E-03	3.97E-03	2.79E-07	8.43E-07	4.88E-07	4.88E-07	4.42E-07	2.02E-07	2.02E-07	9.32E-09	2.25E-07	4.97E-08	6.63E-08	1.05E-07	1.85E-08	1.33E-08	4.88E-07
1798	387227.74, 3751134.85	15.1498	7.38E-04	1.02E-03	3.63E-03	2.55E-07	7.71E-07	4.46E-07	4.46E-07	4.05E-07	1.85E-07	1.85E-07	8.53E-09	2.06E-07	4.54E-08	6.06E-08	9.61E-08	1.69E-08	1.22E-08	4.46E-07
1799	387227.74, 3751159.85	14.68414	7.15E-04	9.93E-04	3.52E-03	2.47E-07	7.47E-07	4.33E-07	4.33E-07	3.92E-07	1.79E-07	1.79E-07	8.26E-09	2.00E-07	4.40E-08	5.87E-08	9.32E-08	1.64E-08	1.18E-08	4.32E-07
1800	387227.74, 3751184.85	14.29635	6.96E-04	9.67E-04	3.43E-03	2.41E-07	7.28E-07	4.21E-07	4.21E-07	3.82E-07	1.74E-07	1.74E-07	8.05E-09	1.94E-07	4.29E-08	5.72E-08	9.07E-08	1.60E-08	1.15E-08	4.21E-07
1801	387227.74, 3751209.85	13.42075	6.53E-04	9.08E-04	3.22E-03	2.26E-07	6.83E-07	3.95E-07	3.95E-07	3.58E-07	1.64E-07	1.64E-07	7.55E-09	1.82E-07	4.03E-08	5.37E-08	8.52E-08	1.50E-08	1.08E-08	3.95E-07
1802	387227.74, 3751234.85	13.03165	6.34E-04	8.82E-04	3.12E-03	2.20E-07	6.63E-07	3.84E-07	3.84E-07	3.48E-07	1.59E-07	1.59E-07	7.33E-09	1.77E-07	3.91E-08	5.21E-08	8.27E-08	1.46E-08	1.05E-08	3.83E-07
1803	387227.74, 3751259.85	12.3333	6.00E-04	8.34E-04	2.96E-03	2.08E-07	6.28E-07	3.63E-07	3.63E-07	3.29E-07	1.50E-07	1.50E-07	6.94E-09	1.68E-07	3.70E-08	4.93E-08	7.83E-08	1.38E-08	9.91E-09	3.63E-07
1804	387227.74, 3751284.85	11.94281	5.81E-04	8.08E-04	2.86E-03	2.01E-07	6.08E-07	3.52E-07	3.52E-07	3.19E-07	1.46E-07	1.46E-07	6.72E-09	1.62E-07	3.58E-08	4.78E-08	7.58E-08	1.34E-08	9.60E-09	3.51E-07
1805	387227.74, 3751309.85	11.5405	5.62E-04	7.81E-04	2.77E-03	1.95E-07	5.87E-07	3.40E-07	3.40E-07	3.08E-07	1.41E-07	1.41E-07	6.50E-09	1.57E-07	3.46E-08	4.62E-08	7.32E-08	1.29E-08	9.28E-09	3.40E-07
1806	387227.74, 3751334.85	10.90028	5.31E-04	7.37E-04	2.61E-03	1.84E-07	5.55E-07	3.21E-07	3.21E-07	2.91E-07	1.33E-07	1.33E-07	6.13E-09	1.48E-07	3.27E-08	4.36E-08	6.92E-08	1.22E-08	8.76E-09	3.21E-07
1807	387227.74, 3751359.85	10.3683	5.05E-04	7.01E-04	2.49E-03	1.75E-07	5.28E-07	3.05E-07	3.05E-07	2.77E-07	1.26E-07	1.26E-07	5.84E-09	1.41E-07	3.11E-08	4.15E-08	6.58E-08	1.16E-08	8.33E-09	3.05E-07
1808	387227.74, 3751384.85	9.91517	4.83E-04	6.71E-04	2.38E-03	1.67E-07	5.05E-07	2.92E-07	2.92E-07	2.65E-07	1.21E-07	1.21E-07	5.58E-09	1.35E-07	2.97E-08	3.97E-08	6.29E-08	1.11E-08	7.97E-09	2.92E-07
1809	387227.74, 3751409.85	9.64658	4.70E-04	6.53E-04	2.31E-03	1.63E-07	4.91E-07	2.84E-07	2.84E-07	2.58E-07	1.18E-07	1.18E-07	5.43E-09	1.31E-07	2.89E-08	3.86E-08	6.12E-08	1.08E-08	7.75E-09	2.84E-07
1810	387227.74, 3751434.85	9.36526	4.56E-04	6.34E-04	2.24E-03	1.58E-07	4.77E-07	2.76E-07	2.76E-07	2.50E-07	1.14E-07	1.14E-07	5.27E-09	1.27E-07	2.81E-08	3.75E-08	5.94E-08	1.05E-08	7.53E-09	2.76E-07
1811	387227.74, 3751459.85	9.01831	4.39E-04	6.10E-04	2.16E-03	1.52E-07	4.59E-07	2.66E-07	2.66E-07	2.41E-07	1.10E-07	1.10E-07	5.08E-09	1.23E-07	2.71E-08	3.61E-08	5.72E-08	1.01E-08	7.25E-09	2.65E-07
1812	387227.74, 3751484.85	8.8177	4.29E-04	5.96E-04	2.11E-03	1.49E-07	4.49E-07	2.60E-07	2.60E-07	2.35E-07	1.07E-07	1.07E-07	4.96E-09	1.20E-07	2.65E-08	3.53E-08	5.59E-08	9.86E-09	7.09E-09	2.59E-07
1813	387227.74, 3751509.85	8.63016	4.20E-04	5.84E-04	2.07E-03	1.45E-07	4.39E-07	2.54E-07	2.54E-07	2.30E-07	1.05E-07	1.05E-07	4.86E-09	1.17E-07	2.59E-08	3.45E-08	5.48E-08	9.65E-09	6.94E-09	2.54E-07
1814	387227.74, 3751534.85	8.41348	4.10E-04	5.69E-04	2.02E-03	1.42E-07	4.28E-07	2.48E-07	2.48E-07	2.25E-07	1.03E-07	1.03E-07	4.74E-09	1.14E-07	2.52E-08	3.37E-08	5.34E-08	9.41E-09	6.76E-09	2.48E-07
1815	387227.74, 3751559.85	8.18253	3.98E-04	5.54E-04	1.96E-03	1.38E-07	4.16E-07	2.41E-07	2.41E-07	2.19E-07	9.97E-08	9.97E-08	4.61E-09	1.11E-07	2.45E-08	3.27E-08	5.19E-08	9.15E-09	6.58E-09	2.41E-07
1816	387227.74, 3751584.85	7.94137	3.87E-04	5.37E-04	1.90E-03	1.34E-07	4.04E-07	2.34E-07	2.34E-07	2.12E-07	9.68E-08	9.68E-08	4.47E-09	1.08E-07	2.38E-08	3.18E-08	5.04E-08	8.88E-09	6.38E-09	2.34E-07

1817	387227.74, 3751609.85	7.66805	3.73E-04	5.19E-04	1.84E-03	1.29E-07	3.90E-07	2.26E-07	2.26E-07	2.05E-07	9.34E-08	9.34E-08	4.32E-09	1.04E-07	2.30E-08	3.07E-08	4.87E-08	8.57E-09	6.16E-09	2.26E-07
1818	387227.74, 3751634.85	7.41468	3.61E-04	5.02E-04	1.78E-03	1.25E-07	3.77E-07	2.18E-07	2.18E-07	1.98E-07	9.03E-08	9.03E-08	4.17E-09	1.01E-07	2.22E-08	2.97E-08	4.70E-08	8.29E-09	5.96E-09	2.18E-07
1819	387227.74, 3751659.85	7.21507	3.51E-04	4.88E-04	1.73E-03	1.22E-07	3.67E-07	2.13E-07	2.13E-07	1.93E-07	8.79E-08	8.79E-08	4.06E-09	9.81E-08	2.16E-08	2.89E-08	4.58E-08	8.07E-09	5.80E-09	2.12E-07
1820	387227.74, 3751684.85	6.96431	3.39E-04	4.71E-04	1.67E-03	1.17E-07	3.54E-07	2.05E-07	2.05E-07	1.86E-07	8.49E-08	8.49E-08	3.92E-09	9.47E-08	2.09E-08	2.79E-08	4.42E-08	7.79E-09	5.60E-09	2.05E-07
1821	387227.74, 3751709.85	6.71814	3.27E-04	4.54E-04	1.61E-03	1.13E-07	3.42E-07	1.98E-07	1.98E-07	1.79E-07	8.19E-08	8.19E-08	3.78E-09	9.13E-08	2.02E-08	2.69E-08	4.26E-08	7.51E-09	5.40E-09	1.98E-07
1822	387227.74, 3751734.85	6.49504	3.16E-04	4.39E-04	1.56E-03	1.09E-07	3.31E-07	1.91E-07	1.91E-07	1.73E-07	7.91E-08	7.91E-08	3.66E-09	8.83E-08	1.95E-08	2.60E-08	4.12E-08	7.26E-09	5.22E-09	1.91E-07
1823	387227.74, 3751759.85	6.24253	3.04E-04	4.22E-04	1.50E-03	1.05E-07	3.18E-07	1.84E-07	1.84E-07	1.67E-07	7.61E-08	7.61E-08	3.51E-09	8.49E-08	1.87E-08	2.50E-08	3.96E-08	6.98E-09	5.02E-09	1.84E-07
1824	387227.74, 3751784.85	5.97089	2.91E-04	4.04E-04	1.43E-03	1.01E-07	3.04E-07	1.76E-07	1.76E-07	1.59E-07	7.28E-08	7.28E-08	3.36E-09	8.12E-08	1.79E-08	2.39E-08	3.79E-08	6.68E-09	4.80E-09	1.76E-07
1825	387227.74, 3751809.85	5.71779	2.78E-04	3.87E-04	1.37E-03	9.64E-08	2.91E-07	1.68E-07	1.68E-07	1.53E-07	6.97E-08	6.97E-08	3.22E-09	7.77E-08	1.72E-08	2.29E-08	3.63E-08	6.39E-09	4.60E-09	1.68E-07
1826	387227.74, 3751834.85	5.4249	2.64E-04	3.67E-04	1.30E-03	9.14E-08	2.76E-07	1.60E-07	1.60E-07	1.45E-07	6.61E-08	6.61E-08	3.05E-09	7.37E-08	1.63E-08	2.17E-08	3.44E-08	6.07E-09	4.36E-09	1.60E-07
1827	387227.74, 3751859.85	5.08974	2.48E-04	3.44E-04	1.22E-03	8.58E-08	2.59E-07	1.50E-07	1.50E-07	1.36E-07	6.20E-08	6.20E-08	2.86E-09	6.92E-08	1.53E-08	2.04E-08	3.23E-08	5.69E-09	4.09E-09	1.50E-07
1828	387252.74, 3750884.85	17.84106	8.69E-04	1.21E-03	4.28E-03	3.01E-07	9.08E-07	5.26E-07	5.26E-07	4.76E-07	2.17E-07	2.17E-07	1.00E-08	2.43E-07	5.35E-08	7.14E-08	1.13E-07	2.00E-08	1.43E-08	5.25E-07
1829	387252.74, 3750909.85	17.78748	8.66E-04	1.20E-03	4.26E-03	3.00E-07	9.05E-07	5.24E-07	5.24E-07	4.75E-07	2.17E-07	2.17E-07	1.00E-08	2.42E-07	5.34E-08	7.11E-08	1.13E-07	1.99E-08	1.43E-08	5.23E-07
1830	387252.74, 3750934.85	15.73502	7.66E-04	1.06E-03	3.77E-03	2.65E-07	8.01E-07	4.64E-07	4.64E-07	4.20E-07	1.92E-07	1.92E-07	8.86E-09	2.14E-07	4.72E-08	6.29E-08	9.98E-08	1.76E-08	1.26E-08	4.63E-07
1831	387252.74, 3750959.85	14.76303	7.19E-04	9.99E-04	3.54E-03	2.49E-07	7.51E-07	4.35E-07	4.35E-07	3.94E-07	1.80E-07	1.80E-07	8.31E-09	2.01E-07	4.43E-08	5.90E-08	9.37E-08	1.65E-08	1.19E-08	4.34E-07
1832	387252.74, 3750984.85	14.27211	6.95E-04	9.65E-04	3.42E-03	2.41E-07	7.26E-07	4.20E-07	4.20E-07	3.81E-07	1.74E-07	1.74E-07	8.03E-09	1.94E-07	4.28E-08	5.71E-08	9.06E-08	1.60E-08	1.15E-08	4.20E-07
1833	387252.74, 3751009.85	13.52946	6.59E-04	9.15E-04	3.24E-03	2.28E-07	6.88E-07	3.99E-07	3.99E-07	3.61E-07	1.65E-07	1.65E-07	7.61E-09	1.84E-07	4.06E-08	5.41E-08	8.58E-08	1.51E-08	1.09E-08	3.98E-07
1834	387252.74, 3751034.85	13.16236	6.41E-04	8.90E-04	3.15E-03	2.22E-07	6.70E-07	3.88E-07	3.88E-07	3.51E-07	1.60E-07	1.60E-07	7.41E-09	1.79E-07	3.95E-08	5.26E-08	8.35E-08	1.47E-08	1.06E-08	3.87E-07
1835	387252.74, 3751059.85	12.5784	6.12E-04	8.51E-04	3.01E-03	2.12E-07	6.40E-07	3.71E-07	3.71E-07	3.36E-07	1.53E-07	1.53E-07	7.08E-09	1.71E-07	3.77E-08	5.03E-08	7.98E-08	1.41E-08	1.01E-08	3.70E-07
1836	387252.74, 3751084.85	11.9151	5.80E-04	8.06E-04	2.86E-03	2.01E-07	6.06E-07	3.51E-07	3.51E-07	3.18E-07	1.45E-07	1.45E-07	6.71E-09	1.62E-07	3.57E-08	4.77E-08	7.56E-08	1.33E-08	9.58E-09	3.51E-07
1837	387252.74, 3751109.85	11.46949	5.58E-04	7.76E-04	2.75E-03	1.93E-07	5.84E-07	3.38E-07	3.38E-07	3.06E-07	1.40E-07	1.40E-07	6.46E-09	1.56E-07	3.44E-08	4.59E-08	7.28E-08	1.28E-08	9.22E-09	3.37E-07
1838	387252.74, 3751134.85	10.84465	5.28E-04	7.34E-04	2.60E-03	1.83E-07	5.52E-07	3.19E-07	3.19E-07	2.90E-07	1.32E-07	1.32E-07	6.10E-09	1.47E-07	3.25E-08	4.34E-08	6.88E-08	1.21E-08	8.72E-09	3.19E-07
1839	387252.74, 3751159.85	10.47666	5.10E-04	7.09E-04	2.51E-03	1.77E-07	5.33E-07	3.09E-07	3.09E-07	2.80E-07	1.28E-07	1.28E-07	5.90E-09	1.42E-07	3.14E-08	4.19E-08	6.65E-08	1.17E-08	8.42E-09	3.08E-07
1840	387252.74, 3751184.85	10.24821	4.99E-04	6.93E-04	2.46E-03	1.73E-07	5.22E-07	3.02E-07	3.02E-07	2.74E-07	1.25E-07	1.25E-07	5.77E-09	1.39E-07	3.07E-08	4.10E-08	6.50E-08	1.15E-08	8.24E-09	3.02E-07
1841	387252.74, 3751209.85	9.92273	4.83E-04	6.71E-04	2.38E-03	1.67E-07	5.05E-07	2.92E-07	2.92E-07	2.65E-07	1.21E-07	1.21E-07	5.58E-09	1.35E-07	2.98E-08	3.97E-08	6.30E-08	1.11E-08	7.98E-09	2.92E-07
1842	387252.74, 3751234.85	9.66859	4.71E-04	6.54E-04	2.32E-03	1.63E-07	4.92E-07	2.85E-07	2.85E-07	2.58E-07	1.18E-07	1.18E-07	5.44E-09	1.31E-07	2.90E-08	3.87E-08	6.13E-08	1.08E-08	7.77E-09	2.84E-07
1843	387252.74, 3751259.85	9.33329	4.54E-04	6.31E-04	2.24E-03	1.57E-07	4.75E-07	2.75E-07	2.75E-07	2.49E-07	1.14E-07	1.14E-07	5.25E-09	1.27E-07	2.80E-08	3.73E-08	5.92E-08	1.04E-08	7.50E-09	2.75E-07
1844	387252.74, 3751284.85	9.10816	4.43E-04	6.16E-04	2.18E-03	1.54E-07	4.64E-07	2.68E-07	2.68E-07	2.43E-07	1.11E-07	1.11E-07	5.13E-09	1.24E-07	2.73E-08	3.64E-08	5.78E-08	1.02E-08	7.32E-09	2.68E-07
1845	387252.74, 3751309.85	8.81219	4.29E-04	5.96E-04	2.11E-03	1.49E-07	4.48E-07	2.60E-07	2.60E-07	2.35E-07	1.07E-07	1.07E-07	4.96E-09	1.20E-07	2.64E-08	3.52E-08	5.59E-08	9.85E-09	7.08E-09	2.59E-07
1846	387252.74, 3751334.85	8.48953	4.13E-04	5.74E-04	2.03E-03	1.43E-07	4.32E-07	2.50E-07	2.50E-07	2.27E-07	1.03E-07	1.03E-07	4.78E-09	1.15E-07	2.55E-08	3.40E-08	5.39E-08	9.49E-09	6.82E-09	2.50E-07
1847	387252.74, 3751359.85	8.235	4.01E-04	5.57E-04	1.97E-03	1.39E-07	4.19E-07	2.43E-07	2.43E-07	2.20E-07	1.00E-07	1.00E-07	4.63E-09	1.12E-07	2.47E-08	3.29E-08	5.23E-08	9.21E-09	6.62E-09	2.42E-07
1848	387252.74, 3751384.85	7.93046	3.86E-04	5.36E-04	1.90E-03	1.34E-07	4.04E-07	2.34E-07	2.34E-07	2.12E-07	9.66E-08	9.66E-08	4.46E-09	1.08E-07	2.38E-08	3.17E-08	5.03E-08	8.87E-09	6.37E-09	2.33E-07
1849	387252.74, 3751409.85	7.7849	3.79E-04	5.27E-04	1.87E-03	1.31E-07	3.96E-07	2.29E-07	2.29E-07	2.08E-07	9.49E-08	9.49E-08	4.38E-09	1.06E-07	2.34E-08	3.11E-08	4.94E-08	8.71E-09	6.26E-09	2.29E-07
1850	387252.74, 3751434.85	7.49425	3.65E-04	5.07E-04	1.80E-03	1.26E-07	3.81E-07	2.21E-07	2.21E-07	2.00E-07	9.13E-08	9.13E-08	4.22E-09	1.02E-07	2.25E-08	3.00E-08	4.76E-08	8.38E-09	6.02E-09	2.21E-07
1851	387252.74, 3751459.85	7.35934	3.58E-04	4.98E-04	1.76E-03	1.24E-07	3.75E-07	2.17E-07	2.17E-07	1.97E-07	8.97E-08	8.97E-08	4.14E-09	1.00E-07	2.21E-08	2.94E-08	4.67E-08	8.23E-09	5.92E-09	2.17E-07
1852	387252.74, 3751484.85	7.21164	3.51E-04	4.88E-04	1.73E-03	1.22E-07	3.67E-07	2.12E-07	2.12E-07	1.93E-07	8.79E-08	8.79E-08	4.06E-09	9.80E-08	2.16E-08	2.88E-08	4.58E-08	8.06E-09	5.80E-09	2.12E-07
1853	387252.74, 3751509.85	7.03588	3.43E-04	4.76E-04	1.69E-03	1.19E-07	3.58E-07	2.07E-07	2.07E-07	1.88E-07	8.57E-08	8.57E-08	3.96E-09	9.56E-08	2.11E-08	2.81E-08	4.46E-08	7.87E-09	5.66E-09	2.07E-07
1854	387252.74, 3751534.85	6.88502	3.35E-04	4.66E-04	1.65E-03	1.16E-07	3.50E-07	2.03E-07	2.03E-07	1.84E-07	8.39E-08	8.39E-08	3.87E-09	9.36E-08	2.07E-08	2.75E-08	4.37E-08	7.70E-09	5.53E-09	2.03E-07
1855	387252.74, 3751559.85	6.70608	3.27E-04	4.54E-04	1.61E-03	1.13E-07	3.41E-07	1.98E-07	1.98E-07	1.79E-07	8.17E-08	8.17E-08	3.77E-09	9.12E-08	2.01E-08	2.68E-08	4.26E-08	7.50E-09	5.39E-09	1.97E-07
1856	387252.74, 3751584.85	6.53278	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.96E-08	7.96E-08	3.68E-09	8.88E-08	1.96E-08	2.61E-08	4.15E-08	7.31E-09	5.25E-09	1.92E-07
1857	387252.74, 3751609.85	6.36521	3.10E-04	4.31E-04	1.53E-03	1.07E-07	3.24E-07	1.88E-07	1.88E-07	1.70E-07	7.76E-08	7.76E-08	3.58E-09	8.65E-08	1.91E-08	2.55E-08	4.04E-08	7.12E-09	5.12E-09	1.87E-07
1858	387252.74, 3751634.85	6.19539	3.02E-04	4.19E-04	1.48E-03	1.04E-07	3.15E-07	1.83E-07	1.83E-07	1.65E-07	7.55E-08	7.55E-08	3.49E-09	8.42E-08	1.86E-08	2.48E-08	3.93E-08	6.93E-09	4.98E-09	1.82E-07
1859	387252.74, 3751659.85	6.00738	2.92E-04	4.06E-04	1.44E-03	1.01E-07	3.06E-07	1.77E-07	1.77E-07	1.60E-07	7.32E-08	7.32E-08	3.38E-09	8.17E-08	1.80E-08	2.40E-08	3.81E-08	6.72E-09	4.83E-09	1.77E-07
1860	387252.74, 3751684.85	5.82311	2.84E-04	3.94E-04	1.40E-03	9.81E-08	2.96E-07	1.72E-07	1.72E-07	1.56E-07	7.10E-08	7.10E-08	3.28E-09	7.92E-08	1.75E-08	2.33E-08	3.69E-08	6.51E-09	4.68E-09	1.71E-07
1861	387252.74, 3751709.85	5.63771	2.74E-04	3.81E-04	1.35E-03	9.50E-08	2.87E-07	1.66E-07	1.66E-07	1.51E-07	6.87E-08	6.87E-08	3.17E-09	7.66E-08	1.69E-08	2.25E-08	3.58E-08	6.30E-09	4.53E-09	1.66E-07
1862	387252.74, 3751734.85	5.48391	2.67E-04	3.71E-04	1.31E-03	9.24E-08	2.79E-07	1.62E-07	1.62E-07	1.46E-07	6.68E-08	6.68E-08	3.09E-09	7.46E-08	1.65E-08	2.19E-08	3.48E-08	6.13E-09	4.41E-09	1.61E-07
1863	387252.74, 3751759.85	5.2623	2.56E-04	3.56E-04	1.26E-03	8.87E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.41E-08	6.41E-08	2.96E-09	7.15E-08	1.58E-08	2.10E-08	3.34E-08	5.88E-09	4.23E-09	1.55E-07
1864	387252.74, 3751784.85	5.07577	2.47E-04	3.43E-04	1.22E-03	8.55E-08	2.58E-07	1.50E-07	1.50E-07	1.36E-07	6.18E-08	6.18E-08	2.86E-09	6.90E-08	1.52E-08	2.03E-08	3.22E-08	5.68E-09	4.08E-09	1.49E-07
1865	387252.74, 3751809.85	4.86188	2.37E-04	3.29E-04	1.17E-03	8.19E-08	2.47E-07	1.43E-07	1.43E-07	1.30E-07	5.92E-08	5.92E-08	2.74E-09	6.61E-08	1.46E-08	1.94E-08	3.08E-08	5.44E-09	3.91E-09	1.43E-07
1866	387252.74, 3751834.85	4.6176	2.25E-04	3.12E-04	1.11E-03	7.78E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.63E-08	5.63E-08	2.60E-09	6.28E-08	1.39E-08	1.85E-08	2.93E-08	5.16E-09	3.71E-09	1.36E-07
1867	387252.74, 3751859.85	4.35131	2.12E-04	2.94E-04	1.04E-03	7.33E-08	2.21E-07	1.28E-07	1.28E-07	1.16E-07	5.30E-08	5.30E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.76E-08	4.87E-09	3.50E-09	1.28E-07
1868	387277.74, 3750684.85	16.42199	8.00E-04	1.11E-03	3.94E-03	2.77E-07	8.36E-07	4.84E-07	4.84E-07	4.39E-07	2.00E-07	2.00E-07	9.24E-09	2.23E-07	4.93E-08	6.57E-08	1.04E-07	1.84E-08	1.32E-08	4.83E-07
1869	387277.74, 3750709.85	16.44365	8.01E-04	1.11E-03	3.94E-03	2.77E-07	8.37E-07	4.84E-07	4.84E-07	4.39E-07	2.00E-07	2.00E-07	9.25E-09	2.24E-07	4.93E-08	6.58E-08	1.04E-07	1.84E-08	1.32E-08	4.84E-07
1870	387277.74, 3750734.85	15.40629	7.50E-04	1.04E-03	3.69E-03	2.60E-07	7.84E-07	4.54E-07	4.54E-07	4.11E-07	1.88E-07	1.88E-07	8.67E-09	2.09E-07	4.62E-08	6.16E-08	9.78E-08	1.72E-08	1.24E-08	4.53E-07
1871	387277.74, 3750759.85	14.72124	7.17E-04	9.96E-04	3.53E-03	2.48E-07	7.49E-07	4.34E-07	4.34E-07	3.93E-07	1.79E-07	1.79E-07	8.29E-09	2.00E-07	4.42E-08	5.89E-08	9.34E-08	1.65E-08	1.18E-08	4.33E-07
1872	387277.74, 3750784.85	14.20627	6.92E-04	9.61E-04	3.40E-03	2.39E-07	7.23E-07	4.19E-07	4.19E-07	3.79E-07	1.73E-07	1.73E-07	8.00E-09	1.93E-07	4.26E-08	5.68E-08	9.01E-08	1.59E-08	1.14E-08	4.18E-07
1873	387277.74, 3750809.85	13.22597	6.44E-04	8.95E-04	3.17E-03	2.23E-07	6.73E-07	3.90E-07	3.90E-07	3.53E-07	1.61E-07	1.61E-07	7.44E-09	1.80E-07	3.97E-08	5.29E-08	8.39E-08	1.48E-08	1.06E-08	3.89E-07
1874	387277.74, 3750834.85	12.70531	6.19E-04	8.59E-04	3.05E-03	2.14E-07	6.47E-07	3.74E-07	3.74E-07	3.39E-07	1.55E-07	1.55E-07	7.15E-09	1.73E-07	3.81E-08	5.08E-08	8.06E-08	1.42E-08	1.02E-08	3.74E-07
1875	387277.74, 3750859.85	12.37671	6.03E-04	8.37E-04	2.97E-03	2.09E-07	6.30E-07	3.65E-07	3.65E-07	3.31E-07	1.51E-07	1.51E-07	6.97E-09	1.68E-07	3.71E-08	4.95E-08	7.85E-08	1.38E-08	9.95E-09	3.64E-07
1876	387277.74, 3750884.85	11.93029	5.81E-04	8.07E-04	2.86E-03	2.01E-07	6.07E-07	3.51E-07	3.51E-07	3.19E-07	1.45E-07	1.45E-07	6.71E-09	1.62E-07	3.58E-08	4.77E-08	7.57E-08	1.33E-08	9.59E-09	3.51E-07
1877	387277.74, 3750909.85	11.53684	5.62E-04	7.80E-04	2.77E-03	1.94E-07	5.87E-07	3.40E-07	3.40E-07	3.08E-07	1.41E-07	1.41E-07	6.49E-09	1.57E-07	3.46E-08	4.61E-08	7.32E-08	1.29E-08	9.27E-09	3.39E-07
1878	387277.74, 3750934.85	11.20431	5.46E-04	7.58E-04	2.69E-03	1.89E-07	5.70E-07	3.30E-07	3.30E-07	2.99E-07	1.37E-07	1.37E-07	6.31E-09	1.52E-07	3.36E-08	4.48E-08	7.11E-08	1.25E-08	9.01E-09	3.30E-07
1879	387277.74, 3750959.85	10.68851	5.20E-04	7.23E-04	2.56E-03	1.80E-07	5.44E-07	3.15E-07	3.15E-07	2.85E-07	1.30E-07	1.30E-07	6.02E-09	1.45E-07	3.21E-08	4.28E-08	6.78E-08	1.20E-08	8.59E-09	3.14E-07
1880	387277.74, 3750984.85	10.38359	5.06E-04	7.02E-04	2.49E-03	1.75E-07	5.28E-07	3.06E-07	3.06E-07	2.77E-07	1.27E-07	1.27E-07	5.84E-09	1.41E-07	3.11E-08	4.15E-08	6.59E-08	1.16E-08	8.35E-09	3.06E-07
1881	387277.74, 3751009.85	10.00855	4.87E-04	6.77E-04	2.40E-03	1.69E-07	5.09E-07	2.95E-07	2.95E-07	2.67E-07	1.22E-07	1.22E-07	5.63E-09	1.36E-07	3.00E-08	4.00E-08	6.35E-08	1.12E-08	8.04E-09	2.94E-07

1882	387277.74, 3751034.85	9.72105	4.73E-04	6.58E-04	2.33E-03	1.64E-07	4.95E-07	2.86E-07	2.86E-07	2.60E-07	1.18E-07	1.18E-07	5.47E-09	1.32E-07	2.92E-08	3.89E-08	6.17E-08	1.09E-08	7.81E-09	2.86E-07
1883	387277.74, 3751059.85	9.44774	4.60E-04	6.39E-04	2.26E-03	1.59E-07	4.81E-07	2.78E-07	2.78E-07	2.52E-07	1.15E-07	1.15E-07	5.32E-09	1.28E-07	2.83E-08	3.78E-08	5.99E-08	1.06E-08	7.59E-09	2.78E-07
1884	387277.74, 3751084.85	9.18807	4.47E-04	6.22E-04	2.20E-03	1.55E-07	4.68E-07	2.71E-07	2.71E-07	2.45E-07	1.12E-07	1.12E-07	5.17E-09	1.25E-07	2.76E-08	3.67E-08	5.83E-08	1.03E-08	7.38E-09	2.70E-07
1885	387277.74, 3751109.85	8.99011	4.38E-04	6.08E-04	2.15E-03	1.52E-07	4.57E-07	2.65E-07	2.65E-07	2.40E-07	1.10E-07	1.10E-07	5.06E-09	1.22E-07	2.70E-08	3.60E-08	5.70E-08	1.01E-08	7.23E-09	2.65E-07
1886	387277.74, 3751134.85	8.76766	4.27E-04	5.93E-04	2.10E-03	1.48E-07	4.46E-07	2.58E-07	2.58E-07	2.34E-07	1.07E-07	1.07E-07	4.93E-09	1.19E-07	2.63E-08	3.51E-08	5.56E-08	9.80E-09	7.05E-09	2.58E-07
1887	387277.74, 3751159.85	8.38823	4.08E-04	5.67E-04	2.01E-03	1.41E-07	4.27E-07	2.47E-07	2.47E-07	2.24E-07	1.02E-07	1.02E-07	4.72E-09	1.14E-07	2.52E-08	3.36E-08	5.32E-08	9.38E-09	6.74E-09	2.47E-07
1888	387277.74, 3751184.85	8.12158	3.95E-04	5.49E-04	1.95E-03	1.37E-07	4.13E-07	2.39E-07	2.39E-07	2.17E-07	9.90E-08	9.90E-08	4.57E-09	1.10E-07	2.44E-08	3.25E-08	5.15E-08	9.08E-09	6.53E-09	2.39E-07
1889	387277.74, 3751209.85	7.92271	3.86E-04	5.36E-04	1.90E-03	1.34E-07	4.03E-07	2.33E-07	2.33E-07	2.12E-07	9.65E-08	9.65E-08	4.46E-09	1.08E-07	2.38E-08	3.17E-08	5.03E-08	8.86E-09	6.37E-09	2.33E-07
1890	387277.74, 3751234.85	7.75002	3.77E-04	5.24E-04	1.86E-03	1.31E-07	3.94E-07	2.28E-07	2.28E-07	2.07E-07	9.44E-08	9.44E-08	4.36E-09	1.05E-07	2.32E-08	3.10E-08	4.92E-08	8.67E-09	6.23E-09	2.28E-07
1891	387277.74, 3751259.85	7.5223	3.66E-04	5.09E-04	1.80E-03	1.27E-07	3.83E-07	2.22E-07	2.22E-07	2.01E-07	9.17E-08	9.17E-08	4.23E-09	1.02E-07	2.26E-08	3.01E-08	4.77E-08	8.41E-09	6.05E-09	2.21E-07
1892	387277.74, 3751284.85	7.38514	3.60E-04	5.00E-04	1.77E-03	1.24E-07	3.76E-07	2.18E-07	2.18E-07	1.97E-07	9.00E-08	9.00E-08	4.16E-09	1.00E-07	2.22E-08	2.95E-08	4.69E-08	8.26E-09	5.94E-09	2.17E-07
1893	387277.74, 3751309.85	7.19142	3.50E-04	4.86E-04	1.72E-03	1.21E-07	3.66E-07	2.12E-07	2.12E-07	1.92E-07	8.76E-08	8.76E-08	4.05E-09	9.78E-08	2.16E-08	2.88E-08	4.56E-08	8.04E-09	5.78E-09	2.12E-07
1894	387277.74, 3751334.85	7.0153	3.42E-04	4.75E-04	1.68E-03	1.18E-07	3.57E-07	2.07E-07	2.07E-07	1.87E-07	8.55E-08	8.55E-08	3.95E-09	9.54E-08	2.10E-08	2.81E-08	4.45E-08	7.84E-09	5.64E-09	2.06E-07
1895	387277.74, 3751359.85	6.85727	3.34E-04	4.64E-04	1.64E-03	1.16E-07	3.49E-07	2.02E-07	2.02E-07	1.83E-07	8.36E-08	8.36E-08	3.86E-09	9.32E-08	2.06E-08	2.74E-08	4.35E-08	7.67E-09	5.51E-09	2.02E-07
1896	387277.74, 3751384.85	6.7015	3.26E-04	4.53E-04	1.61E-03	1.13E-07	3.41E-07	1.97E-07	1.97E-07	1.79E-07	8.17E-08	8.17E-08	3.77E-09	9.11E-08	2.01E-08	2.68E-08	4.25E-08	7.49E-09	5.39E-09	1.97E-07
1897	387277.74, 3751409.85	6.5485	3.19E-04	4.43E-04	1.57E-03	1.10E-07	3.33E-07	1.93E-07	1.93E-07	1.75E-07	7.98E-08	7.98E-08	3.69E-09	8.90E-08	1.96E-08	2.62E-08	4.16E-08	7.32E-09	5.26E-09	1.93E-07
1898	387277.74, 3751434.85	6.39756	3.11E-04	4.33E-04	1.53E-03	1.08E-07	3.26E-07	1.88E-07	1.88E-07	1.71E-07	7.80E-08	7.80E-08	3.60E-09	8.70E-08	1.92E-08	2.56E-08	4.06E-08	7.15E-09	5.14E-09	1.88E-07
1899	387277.74, 3751459.85	6.25036	3.04E-04	4.23E-04	1.50E-03	1.05E-07	3.18E-07	1.84E-07	1.84E-07	1.67E-07	7.62E-08	7.62E-08	3.52E-09	8.50E-08	1.87E-08	2.50E-08	3.97E-08	6.99E-09	5.02E-09	1.84E-07
1900	387277.74, 3751484.85	6.10952	2.97E-04	4.13E-04	1.46E-03	1.03E-07	3.11E-07	1.80E-07	1.80E-07	1.63E-07	7.44E-08	7.44E-08	3.44E-09	8.31E-08	1.83E-08	2.44E-08	3.88E-08	6.83E-09	4.91E-09	1.80E-07
1901	387277.74, 3751509.85	5.96733	2.91E-04	4.04E-04	1.43E-03	1.01E-07	3.04E-07	1.76E-07	1.76E-07	1.59E-07	7.27E-08	7.27E-08	3.36E-09	8.11E-08	1.79E-08	2.39E-08	3.79E-08	6.67E-09	4.80E-09	1.76E-07
1902	387277.74, 3751534.85	5.83569	2.84E-04	3.95E-04	1.40E-03	9.84E-08	2.97E-07	1.72E-07	1.72E-07	1.56E-07	7.11E-08	7.11E-08	3.28E-09	7.93E-08	1.75E-08	2.33E-08	3.70E-08	6.53E-09	4.69E-09	1.72E-07
1903	387277.74, 3751559.85	5.69426	2.77E-04	3.85E-04	1.36E-03	9.60E-08	2.90E-07	1.68E-07	1.68E-07	1.52E-07	6.94E-08	6.94E-08	3.20E-09	7.74E-08	1.71E-08	2.28E-08	3.61E-08	6.37E-09	4.58E-09	1.68E-07
1904	387277.74, 3751584.85	5.56572	2.71E-04	3.76E-04	1.33E-03	9.38E-08	2.83E-07	1.64E-07	1.64E-07	1.49E-07	6.78E-08	6.78E-08	3.13E-09	7.57E-08	1.67E-08	2.23E-08	3.53E-08	6.22E-09	4.47E-09	1.64E-07
1905	387277.74, 3751609.85	5.43827	2.65E-04	3.68E-04	1.30E-03	9.17E-08	2.77E-07	1.60E-07	1.60E-07	1.45E-07	6.63E-08	6.63E-08	3.06E-09	7.39E-08	1.63E-08	2.18E-08	3.45E-08	6.08E-09	4.37E-09	1.60E-07
1906	387277.74, 3751634.85	5.30765	2.58E-04	3.59E-04	1.27E-03	8.95E-08	2.70E-07	1.56E-07	1.56E-07	1.42E-07	6.47E-08	6.47E-08	2.99E-09	7.22E-08	1.59E-08	2.12E-08	3.37E-08	5.94E-09	4.27E-09	1.56E-07
1907	387277.74, 3751659.85	5.17494	2.52E-04	3.50E-04	1.24E-03	8.72E-08	2.63E-07	1.52E-07	1.52E-07	1.38E-07	6.31E-08	6.31E-08	2.91E-09	7.04E-08	1.55E-08	2.07E-08	3.28E-08	5.79E-09	4.16E-09	1.52E-07
1908	387277.74, 3751684.85	5.03381	2.45E-04	3.41E-04	1.21E-03	8.48E-08	2.56E-07	1.48E-07	1.48E-07	1.34E-07	6.13E-08	6.13E-08	2.83E-09	6.84E-08	1.51E-08	2.01E-08	3.19E-08	5.63E-09	4.05E-09	1.48E-07
1909	387277.74, 3751709.85	4.88827	2.38E-04	3.31E-04	1.17E-03	8.24E-08	2.49E-07	1.44E-07	1.44E-07	1.31E-07	5.96E-08	5.96E-08	2.75E-09	6.65E-08	1.47E-08	1.96E-08	3.10E-08	5.47E-09	3.93E-09	1.44E-07
1910	387277.74, 3751734.85	4.73332	2.30E-04	3.20E-04	1.13E-03	7.98E-08	2.41E-07	1.39E-07	1.39E-07	1.26E-07	5.77E-08	5.77E-08	2.66E-09	6.43E-08	1.42E-08	1.89E-08	3.00E-08	5.29E-09	3.80E-09	1.39E-07
1911	387277.74, 3751759.85	4.56748	2.22E-04	3.09E-04	1.09E-03	7.70E-08	2.32E-07	1.35E-07	1.35E-07	1.22E-07	5.57E-08	5.57E-08	2.57E-09	6.21E-08	1.37E-08	1.83E-08	2.90E-08	5.11E-09	3.67E-09	1.34E-07
1912	387277.74, 3751784.85	4.39564	2.14E-04	2.97E-04	1.05E-03	7.41E-08	2.24E-07	1.29E-07	1.29E-07	1.17E-07	5.36E-08	5.36E-08	2.47E-09	5.98E-08	1.32E-08	1.76E-08	2.79E-08	4.92E-09	3.53E-09	1.29E-07
1913	387277.74, 3751809.85	4.2187	2.05E-04	2.85E-04	1.01E-03	7.11E-08	2.15E-07	1.24E-07	1.24E-07	1.13E-07	5.14E-08	5.14E-08	2.37E-09	5.74E-08	1.27E-08	1.69E-08	2.68E-08	4.72E-09	3.39E-09	1.24E-07
1914	387277.74, 3751834.85	4.02543	1.96E-04	2.72E-04	9.65E-04	6.78E-08	2.05E-07	1.19E-07	1.19E-07	1.07E-07	4.91E-08	4.91E-08	2.27E-09	5.47E-08	1.21E-08	1.61E-08	2.55E-08	4.50E-09	3.24E-09	1.18E-07
1915	387277.74, 3751859.85	3.8075	1.85E-04	2.58E-04	9.13E-04	6.42E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.64E-08	4.64E-08	2.14E-09	5.18E-08	1.14E-08	1.52E-08	2.42E-08	4.26E-09	3.06E-09	1.12E-07
1916	387302.74, 3750459.85	18.30278	8.91E-04	1.24E-03	4.39E-03	3.08E-07	9.31E-07	5.39E-07	5.39E-07	4.89E-07	2.23E-07	2.23E-07	1.03E-08	2.49E-07	5.49E-08	7.32E-08	1.16E-07	2.05E-08	1.47E-08	5.39E-07
1917	387302.74, 3750484.85	16.12926	7.85E-04	1.09E-03	3.87E-03	2.72E-07	8.21E-07	4.75E-07	4.75E-07	4.31E-07	1.97E-07	1.97E-07	9.08E-09	2.19E-07	4.84E-08	6.45E-08	1.02E-07	1.80E-08	1.30E-08	4.75E-07
1918	387302.74, 3750509.85	15.91619	7.75E-04	1.08E-03	3.81E-03	2.68E-07	8.10E-07	4.69E-07	4.69E-07	4.25E-07	1.94E-07	1.94E-07	8.96E-09	2.16E-07	4.77E-08	6.37E-08	1.01E-07	1.78E-08	1.28E-08	4.68E-07
1919	387302.74, 3750534.85	14.97645	7.29E-04	1.01E-03	3.59E-03	2.52E-07	7.62E-07	4.41E-07	4.41E-07	4.00E-07	1.82E-07	1.82E-07	8.43E-09	2.04E-07	4.49E-08	5.99E-08	9.50E-08	1.67E-08	1.20E-08	4.41E-07
1920	387302.74, 3750559.85	14.16892	6.90E-04	9.58E-04	3.40E-03	2.39E-07	7.21E-07	4.17E-07	4.17E-07	3.78E-07	1.73E-07	1.73E-07	7.97E-09	1.93E-07	4.25E-08	5.67E-08	8.99E-08	1.58E-08	1.14E-08	4.17E-07
1921	387302.74, 3750584.85	13.80066	6.72E-04	9.34E-04	3.31E-03	2.33E-07	7.02E-07	4.07E-07	4.07E-07	3.69E-07	1.68E-07	1.68E-07	7.77E-09	1.88E-07	4.14E-08	5.52E-08	8.76E-08	1.54E-08	1.11E-08	4.06E-07
1922	387302.74, 3750609.85	12.976	6.32E-04	8.78E-04	3.11E-03	2.19E-07	6.60E-07	3.82E-07	3.82E-07	3.47E-07	1.58E-07	1.58E-07	7.30E-09	1.76E-07	3.89E-08	5.19E-08	8.23E-08	1.45E-08	1.04E-08	3.82E-07
1923	387302.74, 3750634.85	12.50607	6.09E-04	8.46E-04	3.00E-03	2.11E-07	6.36E-07	3.68E-07	3.68E-07	3.34E-07	1.52E-07	1.52E-07	7.04E-09	1.70E-07	3.75E-08	5.00E-08	7.94E-08	1.40E-08	1.01E-08	3.68E-07
1924	387302.74, 3750659.85	12.17682	5.93E-04	8.24E-04	2.92E-03	2.05E-07	6.20E-07	3.59E-07	3.59E-07	3.25E-07	1.48E-07	1.48E-07	6.85E-09	1.66E-07	3.65E-08	4.87E-08	7.73E-08	1.36E-08	9.79E-09	3.58E-07
1925	387302.74, 3750684.85	11.68379	5.69E-04	7.90E-04	2.80E-03	1.97E-07	5.95E-07	3.44E-07	3.44E-07	3.12E-07	1.42E-07	1.42E-07	6.58E-09	1.59E-07	3.50E-08	4.67E-08	7.41E-08	1.31E-08	9.39E-09	3.44E-07
1926	387302.74, 3750709.85	11.32103	5.51E-04	7.66E-04	2.71E-03	1.91E-07	5.76E-07	3.34E-07	3.34E-07	3.02E-07	1.38E-07	1.38E-07	6.37E-09	1.54E-07	3.40E-08	4.53E-08	7.18E-08	1.27E-08	9.10E-09	3.33E-07
1927	387302.74, 3750734.85	10.98775	5.35E-04	7.43E-04	2.63E-03	1.85E-07	5.59E-07	3.24E-07	3.24E-07	2.93E-07	1.34E-07	1.34E-07	6.18E-09	1.49E-07	3.30E-08	4.39E-08	6.97E-08	1.23E-08	8.83E-09	3.23E-07
1928	387302.74, 3750759.85	10.61186	5.17E-04	7.18E-04	2.54E-03	1.79E-07	5.40E-07	3.13E-07	3.13E-07	2.83E-07	1.29E-07	1.29E-07	5.97E-09	1.44E-07	3.18E-08	4.24E-08	6.73E-08	1.19E-08	8.53E-09	3.12E-07
1929	387302.74, 3750784.85	10.31816	5.02E-04	6.98E-04	2.47E-03	1.74E-07	5.25E-07	3.04E-07	3.04E-07	2.76E-07	1.26E-07	1.26E-07	5.81E-09	1.40E-07	3.10E-08	4.13E-08	6.55E-08	1.15E-08	8.29E-09	3.04E-07
1930	387302.74, 3750809.85	9.96549	4.85E-04	6.74E-04	2.39E-03	1.68E-07	5.07E-07	2.94E-07	2.94E-07	2.66E-07	1.21E-07	1.21E-07	5.61E-09	1.35E-07	2.99E-08	3.99E-08	6.32E-08	1.11E-08	8.01E-09	2.93E-07
1931	387302.74, 3750834.85	9.64226	4.69E-04	6.52E-04	2.31E-03	1.63E-07	4.91E-07	2.84E-07	2.84E-07	2.57E-07	1.17E-07	1.17E-07	5.43E-09	1.31E-07	2.89E-08	3.86E-08	6.12E-08	1.08E-08	7.75E-09	2.84E-07
1932	387302.74, 3750859.85	9.39838	4.58E-04	6.36E-04	2.25E-03	1.58E-07	4.78E-07	2.77E-07	2.77E-07	2.51E-07	1.15E-07	1.15E-07	5.29E-09	1.28E-07	2.82E-08	3.76E-08	5.96E-08	1.05E-08	7.55E-09	2.77E-07
1933	387302.74, 3750884.85	9.15735	4.46E-04	6.19E-04	2.19E-03	1.54E-07	4.66E-07	2.70E-07	2.70E-07	2.45E-07	1.12E-07	1.12E-07	5.15E-09	1.24E-07	2.75E-08	3.66E-08	5.81E-08	1.02E-08	7.36E-09	2.69E-07
1934	387302.74, 3750909.85	8.85147	4.31E-04	5.99E-04	2.12E-03	1.49E-07	4.50E-07	2.61E-07	2.61E-07	2.36E-07	1.08E-07	1.08E-07	4.98E-09	1.20E-07	2.66E-08	3.54E-08	5.62E-08	9.90E-09	7.11E-09	2.60E-07
1935	387302.74, 3750934.85	8.67051	4.22E-04	5.87E-04	2.08E-03	1.46E-07	4.41E-07	2.55E-07	2.55E-07	2.32E-07	1.06E-07	1.06E-07	4.88E-09	1.18E-07	2.60E-08	3.47E-08	5.50E-08	9.70E-09	6.97E-09	2.55E-07
1936	387302.74, 3750959.85	8.47306	4.13E-04	5.73E-04	2.03E-03	1.43E-07	4.31E-07	2.50E-07	2.50E-07	2.26E-07	1.03E-07	1.03E-07	4.77E-09	1.15E-07	2.54E-08	3.39E-08	5.38E-08	9.48E-09	6.81E-09	2.49E-07
1937	387302.74, 3750984.85	8.27914	4.03E-04	5.60E-04	1.98E-03	1.40E-07	4.21E-07	2.44E-07	2.44E-07	2.21E-07	1.01E-07	1.01E-07	4.66E-09	1.13E-07	2.48E-08	3.31E-08	5.25E-08	9.26E-09	6.65E-09	2.44E-07
1938	387302.74, 3751009.85	8.05296	3.92E-04	5.45E-04	1.93E-03	1.36E-07	4.10E-07	2.37E-07	2.37E-07	2.15E-07	9.81E-08	9.81E-08	4.53E-09	1.09E-07	2.42E-08	3.22E-08	5.11E-08	9.01E-09	6.47E-09	2.37E-07
1939	387302.74, 3751034.85	7.78	3.79E-04	5.26E-04	1.86E-03	1.31E-07	3.96E-07	2.29E-07	2.29E-07	2.08E-07	9.48E-08	9.48E-08	4.38E-09	1.06E-07	2.33E-08	3.11E-08	4.94E-08	8.70E-09	6.25E-09	2.29E-07
1940	387302.74, 3751059.85	7.63762	3.72E-04	5.17E-04	1.83E-03	1.29E-07	3.89E-07	2.25E-07	2.25E-07	2.04E-07	9.31E-08	9.31E-08	4.30E-09	1.04E-07	2.29E-08	3.05E-08	4.85E-08	8.54E-09	6.14E-09	2.25E-07
1941	387302.74, 3751084.85	7.46321	3.63E-04	5.05E-04	1.79E-03	1.26E-07	3.80E-07	2.20E-07	2.20E-07	1.99E-07	9.09E-08	9.09E-08	4.20E-09	1.01E-07	2.24E-08	2.99E-08	4.74E-08	8.35E-09	6.00E-09	2.20E-07
1942	387302.74, 3751109.85	7.25934	3.53E-04	4.91E-04	1.74E-03	1.22E-07	3.69E-07	2.14E-07	2.14E-07	1.94E-07	8.85E-08	8.85E-08	4.09E-09	9.87E-08	2.18E-08	2.90E-08	4.61E-08	8.12E-09	5.83E-09	2.14E-07
1943	387302.74, 3751134.85	7.0787	3.45E-04	4.79E-04	1.70E-03	1.19E-07	3.60E-07	2.09E-07	2.09E-07	1.89E-07	8.63E-08	8.63E-08	3.98E-09	9.62E-08	2.12E-08	2.83E-08	4.49E-08	7.92E-09	5.69E-09	2.08E-07
1944	387302.74, 3751159.85	6.91307	3.37E-04	4.68E-04	1.66E-03	1.17E-07	3.52E-07	2.04E-07	2.04E-07	1.85E-07	8.42E-08	8.42E-08	3.89E-09	9.40E-08	2.07E-08	2.77E-08	4.39E-08	7.73E-09	5.56E-09	2.03E-07
1945	387302.74, 3751184.85	6.76188	3.29E-04	4.57E-04	1.62E-03	1.14E-07	3.44E-07	1.99E-07	1.99E-07	1.81E-07	8.24E-08	8.24E-08	3.81E-09	9.19E-08	2.03E-08	2.70E-08	4.29E-08	7.56E-09	5.43E-09	1.99E-07
1946	387302.74, 3751209.85	6.61939	3.22E-04	4.48E-04	1.59E-03	1.12E-07	3.37E-07	1.95E-07	1.95E-07	1.77E-07	8.07E-08	8.07E-08	3.73E-09	9.00E-08	1.99E-08	2.65E-08	4.20E-08	7.40E-09	5.32E-09	1.95E-07

1947	387302.74, 3751234.85	6.49786	3.16E-04	4.40E-04	1.56E-03	1.10E-07	3.31E-07	1.91E-07	1.91E-07	1.74E-07	7.92E-08	7.92E-08	3.66E-09	8.83E-08	1.95E-08	2.60E-08	4.12E-08	7.27E-09	5.22E-09	1.91E-07
1948	387302.74, 3751259.85	6.35118	3.09E-04	4.30E-04	1.52E-03	1.07E-07	3.23E-07	1.87E-07	1.87E-07	1.70E-07	7.74E-08	7.74E-08	3.57E-09	8.63E-08	1.91E-08	2.54E-08	4.03E-08	7.10E-09	5.10E-09	1.87E-07
1949	387302.74, 3751284.85	6.22975	3.03E-04	4.21E-04	1.49E-03	1.05E-07	3.17E-07	1.84E-07	1.84E-07	1.66E-07	7.59E-08	7.59E-08	3.51E-09	8.47E-08	1.87E-08	2.49E-08	3.95E-08	6.97E-09	5.01E-09	1.83E-07
1950	387302.74, 3751309.85	6.07683	2.96E-04	4.11E-04	1.46E-03	1.02E-07	3.09E-07	1.79E-07	1.79E-07	1.62E-07	7.40E-08	7.40E-08	3.42E-09	8.26E-08	1.82E-08	2.43E-08	3.86E-08	6.80E-09	4.88E-09	1.79E-07
1951	387302.74, 3751334.85	5.94861	2.90E-04	4.02E-04	1.43E-03	1.00E-07	3.03E-07	1.75E-07	1.75E-07	1.59E-07	7.25E-08	7.25E-08	3.35E-09	8.09E-08	1.78E-08	2.38E-08	3.77E-08	6.65E-09	4.78E-09	1.75E-07
1952	387302.74, 3751359.85	5.82607	2.84E-04	3.94E-04	1.40E-03	9.82E-08	2.96E-07	1.72E-07	1.72E-07	1.56E-07	7.10E-08	7.10E-08	3.28E-09	7.92E-08	1.75E-08	2.33E-08	3.70E-08	6.52E-09	4.68E-09	1.71E-07
1953	387302.74, 3751384.85	5.70087	2.78E-04	3.86E-04	1.37E-03	9.61E-08	2.90E-07	1.68E-07	1.68E-07	1.52E-07	6.95E-08	6.95E-08	3.21E-09	7.75E-08	1.71E-08	2.28E-08	3.62E-08	6.38E-09	4.58E-09	1.68E-07
1954	387302.74, 3751409.85	5.60351	2.73E-04	3.79E-04	1.34E-03	9.44E-08	2.85E-07	1.65E-07	1.65E-07	1.50E-07	6.83E-08	6.83E-08	3.15E-09	7.62E-08	1.68E-08	2.24E-08	3.56E-08	6.27E-09	4.50E-09	1.65E-07
1955	387302.74, 3751434.85	5.48271	2.67E-04	3.71E-04	1.31E-03	9.24E-08	2.79E-07	1.62E-07	1.62E-07	1.46E-07	6.68E-08	6.68E-08	3.09E-09	7.45E-08	1.64E-08	2.19E-08	3.48E-08	6.13E-09	4.41E-09	1.61E-07
1956	387302.74, 3751459.85	5.3729	2.62E-04	3.63E-04	1.29E-03	9.06E-08	2.73E-07	1.58E-07	1.58E-07	1.43E-07	6.55E-08	6.55E-08	3.02E-09	7.30E-08	1.61E-08	2.15E-08	3.41E-08	6.01E-09	4.32E-09	1.58E-07
1957	387302.74, 3751484.85	5.25116	2.56E-04	3.55E-04	1.26E-03	8.85E-08	2.67E-07	1.55E-07	1.55E-07	1.40E-07	6.40E-08	6.40E-08	2.96E-09	7.14E-08	1.58E-08	2.10E-08	3.33E-08	5.87E-09	4.22E-09	1.55E-07
1958	387302.74, 3751509.85	5.13992	2.50E-04	3.48E-04	1.23E-03	8.66E-08	2.62E-07	1.51E-07	1.51E-07	1.37E-07	6.26E-08	6.26E-08	2.89E-09	6.99E-08	1.54E-08	2.06E-08	3.26E-08	5.75E-09	4.13E-09	1.51E-07
1959	387302.74, 3751534.85	5.03722	2.45E-04	3.41E-04	1.21E-03	8.49E-08	2.56E-07	1.48E-07	1.48E-07	1.35E-07	6.14E-08	6.14E-08	2.83E-09	6.85E-08	1.51E-08	2.01E-08	3.20E-08	5.63E-09	4.05E-09	1.48E-07
1960	387302.74, 3751559.85	4.93452	2.40E-04	3.34E-04	1.18E-03	8.32E-08	2.51E-07	1.45E-07	1.45E-07	1.32E-07	6.01E-08	6.01E-08	2.78E-09	6.71E-08	1.48E-08	1.97E-08	3.13E-08	5.52E-09	3.97E-09	1.45E-07
1961	387302.74, 3751584.85	4.83116	2.35E-04	3.27E-04	1.16E-03	8.14E-08	2.46E-07	1.42E-07	1.42E-07	1.29E-07	5.89E-08	5.89E-08	2.72E-09	6.57E-08	1.45E-08	1.93E-08	3.07E-08	5.40E-09	3.88E-09	1.42E-07
1962	387302.74, 3751609.85	4.71722	2.30E-04	3.19E-04	1.13E-03	7.95E-08	2.40E-07	1.39E-07	1.39E-07	1.26E-07	5.75E-08	5.75E-08	2.65E-09	6.41E-08	1.42E-08	1.89E-08	2.99E-08	5.28E-09	3.79E-09	1.39E-07
1963	387302.74, 3751634.85	4.61682	2.25E-04	3.12E-04	1.11E-03	7.78E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.63E-08	5.63E-08	2.60E-09	6.28E-08	1.38E-08	1.85E-08	2.93E-08	5.16E-09	3.71E-09	1.36E-07
1964	387302.74, 3751659.85	4.49773	2.19E-04	3.04E-04	1.08E-03	7.58E-08	2.29E-07	1.33E-07	1.33E-07	1.20E-07	5.48E-08	5.48E-08	2.53E-09	6.11E-08	1.35E-08	1.80E-08	2.85E-08	5.03E-09	3.62E-09	1.32E-07
1965	387302.74, 3751684.85	4.38752	2.14E-04	2.97E-04	1.05E-03	7.39E-08	2.23E-07	1.29E-07	1.29E-07	1.17E-07	5.35E-08	5.35E-08	2.47E-09	5.96E-08	1.32E-08	1.75E-08	2.78E-08	4.91E-09	3.53E-09	1.29E-07
1966	387302.74, 3751709.85	4.26516	2.08E-04	2.89E-04	1.02E-03	7.19E-08	2.17E-07	1.26E-07	1.26E-07	1.14E-07	5.20E-08	5.20E-08	2.40E-09	5.80E-08	1.28E-08	1.71E-08	2.71E-08	4.77E-09	3.43E-09	1.25E-07
1967	387302.74, 3751734.85	4.13458	2.01E-04	2.80E-04	9.91E-04	6.97E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.04E-08	5.04E-08	2.33E-09	5.62E-08	1.24E-08	1.65E-08	2.62E-08	4.62E-09	3.32E-09	1.22E-07
1968	387302.74, 3751759.85	4.00249	1.95E-04	2.71E-04	9.59E-04	6.75E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.88E-08	4.88E-08	2.25E-09	5.44E-08	1.20E-08	1.60E-08	2.54E-08	4.48E-09	3.22E-09	1.18E-07
1969	387302.74, 3751784.85	3.86834	1.88E-04	2.62E-04	9.27E-04	6.52E-08	1.97E-07	1.14E-07	1.14E-07	1.03E-07	4.71E-08	4.71E-08	2.18E-09	5.26E-08	1.16E-08	1.55E-08	2.45E-08	4.33E-09	3.11E-09	1.14E-07
1970	387302.74, 3751809.85	3.72132	1.81E-04	2.52E-04	8.92E-04	6.27E-08	1.89E-07	1.10E-07	1.10E-07	9.94E-08	4.53E-08	4.53E-08	2.09E-09	5.06E-08	1.12E-08	1.49E-08	2.36E-08	4.16E-09	2.99E-09	1.09E-07
1971	387302.74, 3751834.85	3.55583	1.73E-04	2.41E-04	8.52E-04	5.99E-08	1.81E-07	1.05E-07	1.05E-07	9.50E-08	4.33E-08	4.33E-08	2.00E-09	4.83E-08	1.07E-08	1.42E-08	2.26E-08	3.98E-09	2.86E-09	1.05E-07
1972	387302.74, 3751859.85	3.39038	1.65E-04	2.29E-04	8.13E-04	5.71E-08	1.73E-07	9.99E-08	9.99E-08	9.05E-08	4.13E-08	4.13E-08	1.91E-09	4.61E-08	1.02E-08	1.36E-08	2.15E-08	3.79E-09	2.73E-09	9.98E-08
1973	387327.74, 3750259.85	18.30733	8.91E-04	1.24E-03	4.39E-03	3.09E-07	9.32E-07	5.39E-07	5.39E-07	4.89E-07	2.23E-07	2.23E-07	1.03E-08	2.49E-07	5.49E-08	7.32E-08	1.16E-07	2.05E-08	1.47E-08	5.39E-07
1974	387327.74, 3750284.85	16.56689	8.07E-04	1.12E-03	3.97E-03	2.79E-07	8.43E-07	4.88E-07	4.88E-07	4.42E-07	2.02E-07	2.02E-07	9.32E-09	2.25E-07	4.97E-08	6.63E-08	1.05E-07	1.85E-08	1.33E-08	4.87E-07
1975	387327.74, 3750309.85	16.36412	7.97E-04	1.11E-03	3.92E-03	2.76E-07	8.33E-07	4.82E-07	4.82E-07	4.37E-07	1.99E-07	1.99E-07	9.21E-09	2.22E-07	4.91E-08	6.55E-08	1.04E-07	1.83E-08	1.32E-08	4.81E-07
1976	387327.74, 3750334.85	15.42591	7.51E-04	1.04E-03	3.70E-03	2.60E-07	7.85E-07	4.54E-07	4.54E-07	4.12E-07	1.88E-07	1.88E-07	8.68E-09	2.10E-07	4.63E-08	6.17E-08	9.79E-08	1.73E-08	1.24E-08	4.54E-07
1977	387327.74, 3750359.85	14.38252	7.00E-04	9.73E-04	3.45E-03	2.42E-07	7.32E-07	4.24E-07	4.24E-07	3.84E-07	1.75E-07	1.75E-07	8.09E-09	1.96E-07	4.31E-08	5.75E-08	9.13E-08	1.61E-08	1.16E-08	4.23E-07
1978	387327.74, 3750384.85	13.86893	6.75E-04	9.38E-04	3.32E-03	2.34E-07	7.06E-07	4.09E-07	4.09E-07	3.70E-07	1.69E-07	1.69E-07	7.81E-09	1.89E-07	4.16E-08	5.55E-08	8.80E-08	1.55E-08	1.11E-08	4.08E-07
1979	387327.74, 3750409.85	12.98087	6.32E-04	8.78E-04	3.11E-03	2.19E-07	6.61E-07	3.82E-07	3.82E-07	3.47E-07	1.58E-07	1.58E-07	7.31E-09	1.76E-07	3.89E-08	5.19E-08	8.24E-08	1.45E-08	1.04E-08	3.82E-07
1980	387327.74, 3750434.85	12.37411	6.02E-04	8.37E-04	2.97E-03	2.09E-07	6.30E-07	3.65E-07	3.65E-07	3.30E-07	1.51E-07	1.51E-07	6.96E-09	1.68E-07	3.71E-08	4.95E-08	7.85E-08	1.38E-08	9.95E-09	3.64E-07
1981	387327.74, 3750459.85	12.21165	5.95E-04	8.26E-04	2.93E-03	2.06E-07	6.21E-07	3.60E-07	3.60E-07	3.26E-07	1.49E-07	1.49E-07	6.87E-09	1.66E-07	3.66E-08	4.88E-08	7.75E-08	1.37E-08	9.82E-09	3.59E-07
1982	387327.74, 3750484.85	11.61942	5.66E-04	7.86E-04	2.78E-03	1.96E-07	5.91E-07	3.42E-07	3.42E-07	3.10E-07	1.42E-07	1.42E-07	6.54E-09	1.58E-07	3.49E-08	4.65E-08	7.37E-08	1.30E-08	9.34E-09	3.42E-07
1983	387327.74, 3750509.85	11.05956	5.38E-04	7.48E-04	2.65E-03	1.86E-07	5.63E-07	3.26E-07	3.26E-07	2.95E-07	1.35E-07	1.35E-07	6.22E-09	1.50E-07	3.32E-08	4.42E-08	7.02E-08	1.24E-08	8.89E-09	3.25E-07
1984	387327.74, 3750534.85	10.76304	5.24E-04	7.28E-04	2.58E-03	1.81E-07	5.48E-07	3.17E-07	3.17E-07	2.87E-07	1.31E-07	1.31E-07	6.06E-09	1.46E-07	3.23E-08	4.30E-08	6.83E-08	1.20E-08	8.65E-09	3.17E-07
1985	387327.74, 3750559.85	10.36178	5.04E-04	7.01E-04	2.48E-03	1.75E-07	5.27E-07	3.05E-07	3.05E-07	2.77E-07	1.26E-07	1.26E-07	5.83E-09	1.41E-07	3.11E-08	4.14E-08	6.57E-08	1.16E-08	8.33E-09	3.05E-07
1986	387327.74, 3750584.85	10.12943	4.93E-04	6.85E-04	2.43E-03	1.71E-07	5.15E-07	2.98E-07	2.98E-07	2.71E-07	1.23E-07	1.23E-07	5.70E-09	1.38E-07	3.04E-08	4.05E-08	6.43E-08	1.13E-08	8.14E-09	2.98E-07
1987	387327.74, 3750609.85	9.87406	4.81E-04	6.68E-04	2.37E-03	1.66E-07	5.02E-07	2.91E-07	2.91E-07	2.64E-07	1.20E-07	1.20E-07	5.56E-09	1.34E-07	2.96E-08	3.95E-08	6.27E-08	1.10E-08	7.94E-09	2.91E-07
1988	387327.74, 3750634.85	9.57571	4.66E-04	6.48E-04	2.30E-03	1.61E-07	4.87E-07	2.82E-07	2.82E-07	2.56E-07	1.17E-07	1.17E-07	5.39E-09	1.30E-07	2.87E-08	3.83E-08	6.08E-08	1.07E-08	7.70E-09	2.82E-07
1989	387327.74, 3750659.85	9.33583	4.55E-04	6.32E-04	2.24E-03	1.57E-07	4.75E-07	2.75E-07	2.75E-07	2.49E-07	1.14E-07	1.14E-07	5.25E-09	1.27E-07	2.80E-08	3.73E-08	5.92E-08	1.04E-08	7.50E-09	2.75E-07
1990	387327.74, 3750684.85	9.17507	4.47E-04	6.21E-04	2.20E-03	1.55E-07	4.67E-07	2.70E-07	2.70E-07	2.45E-07	1.12E-07	1.12E-07	5.16E-09	1.25E-07	2.75E-08	3.67E-08	5.82E-08	1.03E-08	7.37E-09	2.70E-07
1991	387327.74, 3750709.85	8.90458	4.34E-04	6.02E-04	2.13E-03	1.50E-07	4.53E-07	2.62E-07	2.62E-07	2.38E-07	1.09E-07	1.09E-07	5.01E-09	1.21E-07	2.67E-08	3.56E-08	5.65E-08	9.96E-09	7.16E-09	2.62E-07
1992	387327.74, 3750734.85	8.68348	4.23E-04	5.87E-04	2.08E-03	1.46E-07	4.42E-07	2.56E-07	2.56E-07	2.32E-07	1.06E-07	1.06E-07	4.89E-09	1.18E-07	2.60E-08	3.47E-08	5.51E-08	9.71E-09	6.98E-09	2.56E-07
1993	387327.74, 3750759.85	8.46449	4.12E-04	5.73E-04	2.03E-03	1.43E-07	4.31E-07	2.49E-07	2.49E-07	2.26E-07	1.03E-07	1.03E-07	4.76E-09	1.15E-07	2.54E-08	3.39E-08	5.37E-08	9.47E-09	6.80E-09	2.49E-07
1994	387327.74, 3750784.85	8.24701	4.02E-04	5.58E-04	1.98E-03	1.39E-07	4.20E-07	2.43E-07	2.43E-07	2.20E-07	1.00E-07	1.00E-07	4.64E-09	1.12E-07	2.47E-08	3.30E-08	5.23E-08	9.22E-09	6.63E-09	2.43E-07
1995	387327.74, 3750809.85	8.01118	3.90E-04	5.42E-04	1.92E-03	1.35E-07	4.08E-07	2.36E-07	2.36E-07	2.14E-07	9.76E-08	9.76E-08	4.51E-09	1.09E-07	2.40E-08	3.20E-08	5.08E-08	8.96E-09	6.44E-09	2.36E-07
1996	387327.74, 3750834.85	7.84221	3.82E-04	5.30E-04	1.88E-03	1.32E-07	3.99E-07	2.31E-07	2.31E-07	2.09E-07	9.56E-08	9.56E-08	4.41E-09	1.07E-07	2.35E-08	3.14E-08	4.98E-08	8.77E-09	6.30E-09	2.31E-07
1997	387327.74, 3750859.85	7.64752	3.72E-04	5.17E-04	1.83E-03	1.29E-07	3.89E-07	2.25E-07	2.25E-07	2.04E-07	9.32E-08	9.32E-08	4.30E-09	1.04E-07	2.29E-08	3.06E-08	4.85E-08	8.55E-09	6.15E-09	2.25E-07
1998	387327.74, 3750884.85	7.47734	3.64E-04	5.06E-04	1.79E-03	1.26E-07	3.81E-07	2.20E-07	2.20E-07	2.00E-07	9.11E-08	9.11E-08	4.21E-09	1.02E-07	2.24E-08	2.99E-08	4.74E-08	8.36E-09	6.01E-09	2.20E-07
1999	387327.74, 3750909.85	7.27268	3.54E-04	4.92E-04	1.74E-03	1.23E-07	3.70E-07	2.14E-07	2.14E-07	1.94E-07	8.86E-08	8.86E-08	4.09E-09	9.89E-08	2.18E-08	2.91E-08	4.61E-08	8.13E-09	5.85E-09	2.14E-07
2000	387327.74, 3750934.85	7.15423	3.48E-04	4.84E-04	1.71E-03	1.21E-07	3.64E-07	2.11E-07	2.11E-07	1.91E-07	8.72E-08	8.72E-08	4.03E-09	9.73E-08	2.15E-08	2.86E-08	4.54E-08	8.00E-09	5.75E-09	2.11E-07
2001	387327.74, 3750959.85	7.01428	3.42E-04	4.74E-04	1.68E-03	1.18E-07	3.57E-07	2.07E-07	2.07E-07	1.87E-07	8.55E-08	8.55E-08	3.95E-09	9.54E-08	2.10E-08	2.81E-08	4.45E-08	7.84E-09	5.64E-09	2.06E-07
2002	387327.74, 3750984.85	6.90957	3.36E-04	4.67E-04	1.66E-03	1.16E-07	3.52E-07	2.04E-07	2.04E-07	1.85E-07	8.42E-08	8.42E-08	3.89E-09	9.39E-08	2.07E-08	2.76E-08	4.38E-08	7.73E-09	5.55E-09	2.03E-07
2003	387327.74, 3751009.85	6.738	3.28E-04	4.56E-04	1.61E-03	1.14E-07	3.43E-07	1.98E-07	1.98E-07	1.80E-07	8.21E-08	8.21E-08	3.79E-09	9.16E-08	2.02E-08	2.70E-08	4.28E-08	7.53E-09	5.42E-09	1.98E-07
2004	387327.74, 3751034.85	6.54004	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.33E-07	1.93E-07	1.93E-07	1.75E-07	7.97E-08	7.97E-08	3.68E-09	8.89E-08	1.96E-08	2.62E-08	4.15E-08	7.31E-09	5.26E-09	1.92E-07
2005	387327.74, 3751059.85	6.38162	3.11E-04	4.32E-04	1.53E-03	1.08E-07	3.25E-07	1.88E-07	1.88E-07	1.70E-07	7.78E-08	7.78E-08	3.59E-09	8.68E-08	1.91E-08	2.55E-08	4.05E-08	7.14E-09	5.13E-09	1.88E-07
2006	387327.74, 3751084.85	6.29668	3.07E-04	4.26E-04	1.51E-03	1.06E-07	3.20E-07	1.85E-07	1.85E-07	1.68E-07	7.67E-08	7.67E-08	3.54E-09	8.56E-08	1.89E-08	2.52E-08	4.00E-08	7.04E-09	5.06E-09	1.85E-07
2007	387327.74, 3751109.85	6.16869	3.00E-04	4.17E-04	1.48E-03	1.04E-07	3.14E-07	1.82E-07	1.82E-07	1.65E-07	7.52E-08	7.52E-08	3.47E-09	8.39E-08	1.85E-08	2.47E-08	3.91E-08	6.90E-09	4.96E-09	1.82E-07
2008	387327.74, 3751134.85	6.05532	2.95E-04	4.10E-04	1.45E-03	1.02E-07	3.08E-07	1.78E-07	1.78E-07	1.62E-07	7.38E-08	7.38E-08	3.41E-09	8.23E-08	1.82E-08	2.42E-08	3.84E-08	6.77E-09	4.87E-09	1.78E-07
2009	387327.74, 3751159.85	5.93265	2.89E-04	4.01E-04	1.42E-03	1.00E-07	3.02E-07	1.75E-07	1.75E-07	1.58E-07	7.23E-08	7.23E-08	3.34E-09	8.07E-08	1.78E-08	2.37E-08	3.76E-08	6.63E-09	4.77E-09	1.75E-07
2010	387327.74, 3751184.85	5.8229	2.84E-04	3.94E-04	1.40E-03	9.81E-08	2.96E-07	1.72E-07	1.72E-07	1.55E-07	7.10E-08	7.10E-08	3.28E-09	7.92E-08	1.75E-08	2.33E-08	3.69E-08	6.51E-09	4.68E-09	1.71E-07
2011	387327.74, 3751209.85	5.70335	2.78E-04	3.86E-04	1.37E-03	9.61E-08	2.90E-07	1.68E-07	1.68E-07	1.52E-07	6.95E-08	6.95E-08	3.21E-09	7.75E-08	1.71E-08	2.28E-08	3.62E-08	6.38E-09	4.58E-09	1.68E-07

2012	387327.74, 3751234.85	5.59509	2.72E-04	3.78E-04	1.34E-03	9.43E-08	2.85E-07	1.65E-07	1.65E-07	1.49E-07	6.82E-08	6.82E-08	3.15E-09	7.61E-08	1.68E-08	2.24E-08	3.55E-08	6.26E-09	4.50E-09	1.65E-07
2013	387327.74, 3751259.85	5.4987	2.68E-04	3.72E-04	1.32E-03	9.27E-08	2.80E-07	1.62E-07	1.62E-07	1.47E-07	6.70E-08	6.70E-08	3.09E-09	7.48E-08	1.65E-08	2.20E-08	3.49E-08	6.15E-09	4.42E-09	1.62E-07
2014	387327.74, 3751284.85	5.39225	2.63E-04	3.65E-04	1.29E-03	9.09E-08	2.74E-07	1.59E-07	1.59E-07	1.44E-07	6.57E-08	6.57E-08	3.03E-09	7.33E-08	1.62E-08	2.16E-08	3.42E-08	6.03E-09	4.33E-09	1.59E-07
2015	387327.74, 3751309.85	5.27757	2.57E-04	3.57E-04	1.26E-03	8.89E-08	2.69E-07	1.55E-07	1.55E-07	1.41E-07	6.43E-08	6.43E-08	2.97E-09	7.17E-08	1.58E-08	2.11E-08	3.35E-08	5.90E-09	4.24E-09	1.55E-07
2016	387327.74, 3751334.85	5.16867	2.52E-04	3.50E-04	1.24E-03	8.71E-08	2.63E-07	1.52E-07	1.52E-07	1.38E-07	6.30E-08	6.30E-08	2.91E-09	7.03E-08	1.55E-08	2.07E-08	3.28E-08	5.78E-09	4.15E-09	1.52E-07
2017	387327.74, 3751359.85	5.06839	2.47E-04	3.43E-04	1.21E-03	8.54E-08	2.58E-07	1.49E-07	1.49E-07	1.35E-07	6.18E-08	6.18E-08	2.85E-09	6.89E-08	1.52E-08	2.03E-08	3.22E-08	5.67E-09	4.07E-09	1.49E-07
2018	387327.74, 3751384.85	4.98459	2.43E-04	3.37E-04	1.19E-03	8.40E-08	2.54E-07	1.47E-07	1.47E-07	1.33E-07	6.07E-08	6.07E-08	2.81E-09	6.78E-08	1.50E-08	1.99E-08	3.16E-08	5.57E-09	4.01E-09	1.47E-07
2019	387327.74, 3751409.85	4.90197	2.39E-04	3.32E-04	1.17E-03	8.26E-08	2.49E-07	1.44E-07	1.44E-07	1.31E-07	5.97E-08	5.97E-08	2.76E-09	6.66E-08	1.47E-08	1.96E-08	3.11E-08	5.48E-09	3.94E-09	1.44E-07
2020	387327.74, 3751434.85	4.81297	2.34E-04	3.26E-04	1.15E-03	8.11E-08	2.45E-07	1.42E-07	1.42E-07	1.29E-07	5.86E-08	5.86E-08	2.71E-09	6.54E-08	1.44E-08	1.93E-08	3.05E-08	5.38E-09	3.87E-09	1.42E-07
2021	387327.74, 3751459.85	4.72371	2.30E-04	3.20E-04	1.13E-03	7.96E-08	2.40E-07	1.39E-07	1.39E-07	1.26E-07	5.76E-08	5.76E-08	2.66E-09	6.42E-08	1.42E-08	1.89E-08	3.00E-08	5.28E-09	3.80E-09	1.39E-07
2022	387327.74, 3751484.85	4.6263	2.25E-04	3.13E-04	1.11E-03	7.80E-08	2.35E-07	1.36E-07	1.36E-07	1.24E-07	5.64E-08	5.64E-08	2.60E-09	6.29E-08	1.39E-08	1.85E-08	2.94E-08	5.17E-09	3.72E-09	1.36E-07
2023	387327.74, 3751509.85	4.53274	2.21E-04	3.07E-04	1.09E-03	7.64E-08	2.31E-07	1.34E-07	1.34E-07	1.21E-07	5.52E-08	5.52E-08	2.55E-09	6.16E-08	1.36E-08	1.81E-08	2.88E-08	5.07E-09	3.64E-09	1.33E-07
2024	387327.74, 3751534.85	4.44146	2.16E-04	3.00E-04	1.06E-03	7.49E-08	2.26E-07	1.31E-07	1.31E-07	1.19E-07	5.41E-08	5.41E-08	2.50E-09	6.04E-08	1.33E-08	1.78E-08	2.82E-08	4.97E-09	3.57E-09	1.31E-07
2025	387327.74, 3751559.85	4.35835	2.12E-04	2.95E-04	1.04E-03	7.35E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.77E-08	4.87E-09	3.50E-09	1.28E-07
2026	387327.74, 3751584.85	4.26156	2.07E-04	2.88E-04	1.02E-03	7.18E-08	2.17E-07	1.26E-07	1.26E-07	1.14E-07	5.19E-08	5.19E-08	2.40E-09	5.79E-08	1.28E-08	1.70E-08	2.70E-08	4.77E-09	3.43E-09	1.25E-07
2027	387327.74, 3751609.85	4.17742	2.03E-04	2.83E-04	1.00E-03	7.04E-08	2.13E-07	1.23E-07	1.23E-07	1.12E-07	5.09E-08	5.09E-08	2.35E-09	5.68E-08	1.25E-08	1.67E-08	2.65E-08	4.67E-09	3.36E-09	1.23E-07
2028	387327.74, 3751634.85	4.09088	1.99E-04	2.77E-04	9.81E-04	6.89E-08	2.08E-07	1.21E-07	1.21E-07	1.09E-07	4.98E-08	4.98E-08	2.30E-09	5.56E-08	1.23E-08	1.64E-08	2.60E-08	4.57E-09	3.29E-09	1.20E-07
2029	387327.74, 3751659.85	3.99872	1.95E-04	2.70E-04	9.58E-04	6.74E-08	2.03E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.44E-08	1.20E-08	1.60E-08	2.54E-08	4.47E-09	3.21E-09	1.18E-07
2030	387327.74, 3751684.85	3.90301	1.90E-04	2.64E-04	9.35E-04	6.58E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.36E-09	3.14E-09	1.15E-07
2031	387327.74, 3751709.85	3.78904	1.84E-04	2.56E-04	9.08E-04	6.39E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.62E-08	4.62E-08	2.13E-09	5.15E-08	1.14E-08	1.52E-08	2.40E-08	4.24E-09	3.05E-09	1.11E-07
2032	387327.74, 3751734.85	3.69817	1.80E-04	2.50E-04	8.86E-04	6.23E-08	1.88E-07	1.09E-07	1.09E-07	9.88E-08	4.51E-08	4.51E-08	2.08E-09	5.03E-08	1.11E-08	1.48E-08	2.35E-08	4.14E-09	2.97E-09	1.09E-07
2033	387327.74, 3751759.85	3.5926	1.75E-04	2.43E-04	8.61E-04	6.05E-08	1.83E-07	1.06E-07	1.06E-07	9.59E-08	4.38E-08	4.38E-08	2.02E-09	4.88E-08	1.08E-08	1.44E-08	2.28E-08	4.02E-09	2.89E-09	1.06E-07
2034	387327.74, 3751784.85	3.46842	1.69E-04	2.35E-04	8.31E-04	5.85E-08	1.77E-07	1.02E-07	1.02E-07	9.26E-08	4.23E-08	4.23E-08	1.95E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2035	387327.74, 3751809.85	3.33857	1.63E-04	2.26E-04	8.00E-04	5.63E-08	1.70E-07	9.84E-08	9.84E-08	8.92E-08	4.07E-08	4.07E-08	1.88E-09	4.54E-08	1.00E-08	1.34E-08	2.12E-08	3.73E-09	2.68E-09	9.82E-08
2036	387327.74, 3751834.85	3.19973	1.56E-04	2.16E-04	7.67E-04	5.39E-08	1.63E-07	9.43E-08	9.43E-08	8.54E-08	3.90E-08	3.90E-08	1.80E-09	4.35E-08	9.60E-09	1.28E-08	2.03E-08	3.58E-09	2.57E-09	9.41E-08
2037	387327.74, 3751859.85	3.04855	1.48E-04	2.06E-04	7.31E-04	5.14E-08	1.55E-07	8.98E-08	8.98E-08	8.14E-08	3.71E-08	3.71E-08	1.72E-09	4.14E-08	9.15E-09	1.22E-08	1.93E-08	3.41E-09	2.45E-09	8.97E-08
2038	387352.74, 3750034.85	18.82134	9.16E-04	1.27E-03	4.51E-03	3.17E-07	9.58E-07	5.54E-07	5.54E-07	5.03E-07	2.29E-07	2.29E-07	1.06E-08	2.56E-07	5.65E-08	7.53E-08	1.19E-07	2.10E-08	1.51E-08	5.54E-07
2039	387352.74, 3750059.85	18.59642	9.05E-04	1.26E-03	4.46E-03	3.13E-07	9.46E-07	5.48E-07	5.48E-07	4.97E-07	2.27E-07	2.27E-07	1.05E-08	2.53E-07	5.58E-08	7.44E-08	1.18E-07	2.08E-08	1.49E-08	5.47E-07
2040	387352.74, 3750084.85	16.32293	7.95E-04	1.10E-03	3.91E-03	2.75E-07	8.31E-07	4.81E-07	4.81E-07	4.36E-07	1.99E-07	1.99E-07	9.19E-09	2.22E-07	4.90E-08	6.53E-08	1.04E-07	1.83E-08	1.31E-08	4.80E-07
2041	387352.74, 3750109.85	15.50259	7.55E-04	1.05E-03	3.72E-03	2.61E-07	7.89E-07	4.57E-07	4.57E-07	4.14E-07	1.89E-07	1.89E-07	8.72E-09	2.11E-07	4.65E-08	6.20E-08	9.84E-08	1.73E-08	1.25E-08	4.56E-07
2042	387352.74, 3750134.85	14.9933	7.30E-04	1.01E-03	3.59E-03	2.53E-07	7.63E-07	4.42E-07	4.42E-07	4.00E-07	1.83E-07	1.83E-07	8.44E-09	2.04E-07	4.50E-08	6.00E-08	9.51E-08	1.68E-08	1.21E-08	4.41E-07
2043	387352.74, 3750159.85	14.17067	6.90E-04	9.59E-04	3.40E-03	2.39E-07	7.21E-07	4.17E-07	4.17E-07	3.78E-07	1.73E-07	1.73E-07	7.98E-09	1.93E-07	4.25E-08	5.67E-08	8.99E-08	1.58E-08	1.14E-08	4.17E-07
2044	387352.74, 3750184.85	13.84031	6.74E-04	9.36E-04	3.32E-03	2.33E-07	7.04E-07	4.08E-07	4.08E-07	3.70E-07	1.69E-07	1.69E-07	7.79E-09	1.88E-07	4.15E-08	5.54E-08	8.78E-08	1.55E-08	1.11E-08	4.07E-07
2045	387352.74, 3750209.85	13.18559	6.42E-04	8.92E-04	3.16E-03	2.22E-07	6.71E-07	3.88E-07	3.88E-07	3.52E-07	1.61E-07	1.61E-07	7.42E-09	1.79E-07	3.96E-08	5.27E-08	8.37E-08	1.47E-08	1.06E-08	3.88E-07
2046	387352.74, 3750234.85	12.63619	6.15E-04	8.55E-04	3.03E-03	2.13E-07	6.43E-07	3.72E-07	3.72E-07	3.37E-07	1.54E-07	1.54E-07	7.11E-09	1.72E-07	3.79E-08	5.05E-08	8.02E-08	1.41E-08	1.02E-08	3.72E-07
2047	387352.74, 3750259.85	12.17123	5.93E-04	8.23E-04	2.92E-03	2.05E-07	6.19E-07	3.59E-07	3.59E-07	3.25E-07	1.48E-07	1.48E-07	6.85E-09	1.65E-07	3.65E-08	4.87E-08	7.72E-08	1.36E-08	9.78E-09	3.58E-07
2048	387352.74, 3750284.85	11.81088	5.75E-04	7.99E-04	2.83E-03	1.99E-07	6.01E-07	3.48E-07	3.48E-07	3.15E-07	1.44E-07	1.44E-07	6.65E-09	1.61E-07	3.54E-08	4.72E-08	7.49E-08	1.32E-08	9.49E-09	3.48E-07
2049	387352.74, 3750309.85	11.42605	5.56E-04	7.73E-04	2.74E-03	1.93E-07	5.81E-07	3.37E-07	3.37E-07	3.05E-07	1.39E-07	1.39E-07	6.43E-09	1.55E-07	3.43E-08	4.57E-08	7.25E-08	1.28E-08	9.18E-09	3.36E-07
2050	387352.74, 3750334.85	11.07584	5.39E-04	7.49E-04	2.65E-03	1.87E-07	5.64E-07	3.26E-07	3.26E-07	2.96E-07	1.35E-07	1.35E-07	6.23E-09	1.51E-07	3.32E-08	4.43E-08	7.03E-08	1.24E-08	8.90E-09	3.26E-07
2051	387352.74, 3750359.85	10.58523	5.15E-04	7.16E-04	2.54E-03	1.78E-07	5.39E-07	3.12E-07	3.12E-07	2.83E-07	1.29E-07	1.29E-07	5.96E-09	1.44E-07	3.18E-08	4.23E-08	6.72E-08	1.18E-08	8.51E-09	3.11E-07
2052	387352.74, 3750384.85	10.13775	4.94E-04	6.86E-04	2.43E-03	1.71E-07	5.16E-07	2.99E-07	2.99E-07	2.71E-07	1.24E-07	1.24E-07	5.71E-09	1.38E-07	3.04E-08	4.05E-08	6.43E-08	1.13E-08	8.15E-09	2.98E-07
2053	387352.74, 3750409.85	9.84779	4.79E-04	6.66E-04	2.36E-03	1.66E-07	5.01E-07	2.90E-07	2.90E-07	2.63E-07	1.20E-07	1.20E-07	5.54E-09	1.34E-07	2.95E-08	3.94E-08	6.25E-08	1.10E-08	7.92E-09	2.90E-07
2054	387352.74, 3750434.85	9.52158	4.64E-04	6.44E-04	2.28E-03	1.60E-07	4.85E-07	2.80E-07	2.80E-07	2.54E-07	1.16E-07	1.16E-07	5.36E-09	1.29E-07	2.86E-08	3.81E-08	6.04E-08	1.06E-08	7.65E-09	2.80E-07
2055	387352.74, 3750459.85	9.32595	4.54E-04	6.31E-04	2.24E-03	1.57E-07	4.75E-07	2.75E-07	2.75E-07	2.49E-07	1.14E-07	1.14E-07	5.25E-09	1.27E-07	2.80E-08	3.73E-08	5.92E-08	1.04E-08	7.50E-09	2.74E-07
2056	387352.74, 3750484.85	9.08822	4.42E-04	6.15E-04	2.18E-03	1.53E-07	4.62E-07	2.68E-07	2.68E-07	2.43E-07	1.11E-07	1.11E-07	5.11E-09	1.24E-07	2.73E-08	3.64E-08	5.77E-08	1.02E-08	7.30E-09	2.67E-07
2057	387352.74, 3750509.85	8.7361	4.25E-04	5.91E-04	2.09E-03	1.47E-07	4.45E-07	2.57E-07	2.57E-07	2.33E-07	1.06E-07	1.06E-07	4.92E-09	1.19E-07	2.62E-08	3.49E-08	5.54E-08	9.77E-09	7.02E-09	2.57E-07
2058	387352.74, 3750534.85	8.46112	4.12E-04	5.72E-04	2.03E-03	1.43E-07	4.31E-07	2.49E-07	2.49E-07	2.26E-07	1.03E-07	1.03E-07	4.76E-09	1.15E-07	2.54E-08	3.38E-08	5.37E-08	9.46E-09	6.80E-09	2.49E-07
2059	387352.74, 3750559.85	8.27574	4.03E-04	5.60E-04	1.98E-03	1.39E-07	4.21E-07	2.44E-07	2.44E-07	2.21E-07	1.01E-07	1.01E-07	4.66E-09	1.13E-07	2.48E-08	3.31E-08	5.25E-08	9.25E-09	6.65E-09	2.44E-07
2060	387352.74, 3750584.85	8.06262	3.93E-04	5.45E-04	1.93E-03	1.36E-07	4.10E-07	2.38E-07	2.38E-07	2.15E-07	9.82E-08	9.82E-08	4.54E-09	1.10E-07	2.42E-08	3.22E-08	5.12E-08	9.02E-09	6.48E-09	2.37E-07
2061	387352.74, 3750609.85	7.97103	3.88E-04	5.39E-04	1.91E-03	1.34E-07	4.06E-07	2.35E-07	2.35E-07	2.13E-07	9.71E-08	9.71E-08	4.49E-09	1.08E-07	2.39E-08	3.19E-08	5.06E-08	8.91E-09	6.41E-09	2.35E-07
2062	387352.74, 3750634.85	7.81043	3.80E-04	5.28E-04	1.87E-03	1.32E-07	3.97E-07	2.30E-07	2.30E-07	2.09E-07	9.52E-08	9.52E-08	4.40E-09	1.06E-07	2.34E-08	3.12E-08	4.96E-08	8.73E-09	6.28E-09	2.30E-07
2063	387352.74, 3750659.85	7.63887	3.72E-04	5.17E-04	1.83E-03	1.29E-07	3.89E-07	2.25E-07	2.25E-07	2.04E-07	9.31E-08	9.31E-08	4.30E-09	1.04E-07	2.29E-08	3.06E-08	4.85E-08	8.54E-09	6.14E-09	2.25E-07
2064	387352.74, 3750684.85	7.51548	3.66E-04	5.08E-04	1.80E-03	1.27E-07	3.82E-07	2.21E-07	2.21E-07	2.01E-07	9.16E-08	9.16E-08	4.23E-09	1.02E-07	2.25E-08	3.01E-08	4.77E-08	8.40E-09	6.04E-09	2.21E-07
2065	387352.74, 3750709.85	7.34633	3.58E-04	4.97E-04	1.76E-03	1.24E-07	3.74E-07	2.16E-07	2.16E-07	1.96E-07	8.95E-08	8.95E-08	4.13E-09	9.99E-08	2.20E-08	2.94E-08	4.66E-08	8.22E-09	5.90E-09	2.16E-07
2066	387352.74, 3750734.85	7.19228	3.50E-04	4.87E-04	1.72E-03	1.21E-07	3.66E-07	2.12E-07	2.12E-07	1.92E-07	8.76E-08	8.76E-08	4.05E-09	9.78E-08	2.16E-08	2.88E-08	4.56E-08	8.04E-09	5.78E-09	2.12E-07
2067	387352.74, 3750759.85	7.04014	3.43E-04	4.76E-04	1.69E-03	1.19E-07	3.58E-07	2.07E-07	2.07E-07	1.88E-07	8.58E-08	8.58E-08	3.96E-09	9.57E-08	2.11E-08	2.82E-08	4.47E-08	7.87E-09	5.66E-09	2.07E-07
2068	387352.74, 3750784.85	6.87551	3.35E-04	4.65E-04	1.65E-03	1.16E-07	3.50E-07	2.03E-07	2.03E-07	1.84E-07	8.38E-08	8.38E-08	3.87E-09	9.35E-08	2.06E-08	2.75E-08	4.36E-08	7.69E-09	5.53E-09	2.02E-07
2069	387352.74, 3750809.85	6.69722	3.26E-04	4.53E-04	1.61E-03	1.13E-07	3.41E-07	1.97E-07	1.97E-07	1.79E-07	8.16E-08	8.16E-08	3.77E-09	9.10E-08	2.01E-08	2.68E-08	4.25E-08	7.49E-09	5.38E-09	1.97E-07
2070	387352.74, 3750834.85	6.60133	3.21E-04	4.47E-04	1.58E-03	1.11E-07	3.36E-07	1.94E-07	1.94E-07	1.76E-07	8.04E-08	8.04E-08	3.72E-09	8.97E-08	1.98E-08	2.64E-08	4.19E-08	7.38E-09	5.31E-09	1.94E-07
2071	387352.74, 3750859.85	6.45779	3.14E-04	4.37E-04	1.55E-03	1.09E-07	3.29E-07	1.90E-07	1.90E-07	1.72E-07	7.87E-08	7.87E-08	3.63E-09	8.78E-08	1.94E-08	2.58E-08	4.10E-08	7.22E-09	5.19E-09	1.90E-07
2072	387352.74, 3750884.85	6.328	3.08E-04	4.28E-04	1.52E-03	1.07E-07	3.22E-07	1.86E-07	1.86E-07	1.69E-07	7.71E-08	7.71E-08	3.56E-09	8.60E-08	1.90E-08	2.53E-08	4.02E-08	7.08E-09	5.09E-09	1.86E-07
2073	387352.74, 3750909.85	6.18792	3.01E-04	4.19E-04	1.48E-03	1.04E-07	3.15E-07	1.82E-07	1.82E-07	1.65E-07	7.54E-08	7.54E-08	3.48E-09	8.41E-08	1.86E-08	2.48E-08	3.93E-08	6.92E-09	4.97E-09	1.82E-07
2074	387352.74, 3750934.85	6.0489	2.95E-04	4.09E-04	1.45E-03	1.02E-07	3.08E-07	1.78E-07	1.78E-07	1.62E-07	7.37E-08	7.37E-08	3.40E-09	8.22E-08	1.81E-08	2.42E-08	3.84E-08	6.76E-09	4.86E-09	1.78E-07
2075	387352.74, 3750959.85	5.97951	2.91E-04	4.04E-04	1.43E-03	1.01E-07	3.04E-07	1.76E-07	1.76E-07	1.60E-07	7.29E-08	7.29E-08	3.37E-09	8.13E-08	1.79E-08	2.39E-08	3.79E-08	6.69E-09	4.81E-09	1.76E-07
2076	387352.74, 3750984.85	5.87758	2.86E-04	3.98E-04	1.41E-03	9.91E-08	2.99E-07	1.73E-07	1.73E-07	1.57E-07	7.16E-08	7.16E-08	3.31E-09	7.99E-08	1.76E-08	2.35E-08	3.73E-08	6.57E-09	4.72E-09	1.73E-07

2077	387352.74, 3751009.85	5.75395	2.80E-04	3.89E-04	1.38E-03	9.70E-08	2.93E-07	1.70E-07	1.70E-07	1.54E-07	7.01E-08	7.01E-08	3.24E-09	7.82E-08	1.73E-08	2.30E-08	3.65E-08	6.43E-09	4.62E-09	1.69E-07
2078	387352.74, 3751034.85	5.65882	2.76E-04	3.83E-04	1.36E-03	9.54E-08	2.88E-07	1.67E-07	1.67E-07	1.51E-07	6.90E-08	6.90E-08	3.18E-09	7.69E-08	1.70E-08	2.26E-08	3.59E-08	6.33E-09	4.55E-09	1.67E-07
2079	387352.74, 3751059.85	5.54109	2.70E-04	3.75E-04	1.33E-03	9.34E-08	2.82E-07	1.63E-07	1.63E-07	1.48E-07	6.75E-08	6.75E-08	3.12E-09	7.53E-08	1.66E-08	2.22E-08	3.52E-08	6.20E-09	4.45E-09	1.63E-07
2080	387352.74, 3751084.85	5.46194	2.66E-04	3.69E-04	1.31E-03	9.21E-08	2.78E-07	1.61E-07	1.61E-07	1.46E-07	6.66E-08	6.66E-08	3.07E-09	7.43E-08	1.64E-08	2.18E-08	3.47E-08	6.11E-09	4.39E-09	1.61E-07
2081	387352.74, 3751109.85	5.34805	2.60E-04	3.62E-04	1.28E-03	9.01E-08	2.72E-07	1.58E-07	1.58E-07	1.43E-07	6.52E-08	6.52E-08	3.01E-09	7.27E-08	1.60E-08	2.14E-08	3.39E-08	5.98E-09	4.30E-09	1.57E-07
2082	387352.74, 3751134.85	5.26888	2.57E-04	3.56E-04	1.26E-03	8.88E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.42E-08	6.42E-08	2.97E-09	7.16E-08	1.58E-08	2.11E-08	3.34E-08	5.89E-09	4.23E-09	1.55E-07
2083	387352.74, 3751159.85	5.16895	2.52E-04	3.50E-04	1.24E-03	8.71E-08	2.63E-07	1.52E-07	1.52E-07	1.38E-07	6.30E-08	6.30E-08	2.91E-09	7.03E-08	1.55E-08	2.07E-08	3.28E-08	5.78E-09	4.15E-09	1.52E-07
2084	387352.74, 3751184.85	5.08444	2.48E-04	3.44E-04	1.22E-03	8.57E-08	2.59E-07	1.50E-07	1.50E-07	1.36E-07	6.20E-08	6.20E-08	2.86E-09	6.91E-08	1.53E-08	2.03E-08	3.23E-08	5.69E-09	4.09E-09	1.50E-07
2085	387352.74, 3751209.85	4.99427	2.43E-04	3.38E-04	1.20E-03	8.42E-08	2.54E-07	1.47E-07	1.47E-07	1.33E-07	6.09E-08	6.09E-08	2.81E-09	6.79E-08	1.50E-08	2.00E-08	3.17E-08	5.58E-09	4.01E-09	1.47E-07
2086	387352.74, 3751234.85	4.91573	2.39E-04	3.33E-04	1.18E-03	8.28E-08	2.50E-07	1.45E-07	1.45E-07	1.31E-07	5.99E-08	5.99E-08	2.77E-09	6.68E-08	1.47E-08	1.97E-08	3.12E-08	5.50E-09	3.95E-09	1.45E-07
2087	387352.74, 3751259.85	4.83193	2.35E-04	3.27E-04	1.16E-03	8.14E-08	2.46E-07	1.42E-07	1.42E-07	1.29E-07	5.89E-08	5.89E-08	2.72E-09	6.57E-08	1.45E-08	1.93E-08	3.07E-08	5.40E-09	3.88E-09	1.42E-07
2088	387352.74, 3751284.85	4.75792	2.32E-04	3.22E-04	1.14E-03	8.02E-08	2.42E-07	1.40E-07	1.40E-07	1.27E-07	5.80E-08	5.80E-08	2.68E-09	6.47E-08	1.43E-08	1.90E-08	3.02E-08	5.32E-09	3.82E-09	1.40E-07
2089	387352.74, 3751309.85	4.66891	2.27E-04	3.16E-04	1.12E-03	7.87E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.69E-08	5.69E-08	2.63E-09	6.35E-08	1.40E-08	1.87E-08	2.96E-08	5.22E-09	3.75E-09	1.37E-07
2090	387352.74, 3751334.85	4.58942	2.23E-04	3.10E-04	1.10E-03	7.73E-08	2.34E-07	1.35E-07	1.35E-07	1.23E-07	5.59E-08	5.59E-08	2.58E-09	6.24E-08	1.38E-08	1.84E-08	2.91E-08	5.13E-09	3.69E-09	1.35E-07
2091	387352.74, 3751359.85	4.50639	2.19E-04	3.05E-04	1.08E-03	7.60E-08	2.29E-07	1.33E-07	1.33E-07	1.20E-07	5.49E-08	5.49E-08	2.54E-09	6.13E-08	1.35E-08	1.80E-08	2.86E-08	5.04E-09	3.62E-09	1.33E-07
2092	387352.74, 3751384.85	4.43454	2.16E-04	3.00E-04	1.06E-03	7.47E-08	2.26E-07	1.31E-07	1.31E-07	1.18E-07	5.40E-08	5.40E-08	2.50E-09	6.03E-08	1.33E-08	1.77E-08	2.81E-08	4.96E-09	3.56E-09	1.30E-07
2093	387352.74, 3751409.85	4.36105	2.12E-04	2.95E-04	1.05E-03	7.35E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.93E-08	1.31E-08	1.74E-08	2.77E-08	4.88E-09	3.51E-09	1.28E-07
2094	387352.74, 3751434.85	4.28928	2.09E-04	2.90E-04	1.03E-03	7.23E-08	2.18E-07	1.26E-07	1.26E-07	1.15E-07	5.23E-08	5.23E-08	2.41E-09	5.83E-08	1.29E-08	1.72E-08	2.72E-08	4.80E-09	3.45E-09	1.26E-07
2095	387352.74, 3751459.85	4.21478	2.05E-04	2.85E-04	1.01E-03	7.10E-08	2.14E-07	1.24E-07	1.24E-07	1.13E-07	5.14E-08	5.14E-08	2.37E-09	5.73E-08	1.26E-08	1.69E-08	2.67E-08	4.71E-09	3.39E-09	1.24E-07
2096	387352.74, 3751484.85	4.1369	2.01E-04	2.80E-04	9.92E-04	6.97E-08	2.11E-07	1.22E-07	1.22E-07	1.10E-07	5.04E-08	5.04E-08	2.33E-09	5.62E-08	1.24E-08	1.65E-08	2.62E-08	4.63E-09	3.33E-09	1.22E-07
2097	387352.74, 3751509.85	4.05664	1.98E-04	2.74E-04	9.72E-04	6.84E-08	2.06E-07	1.20E-07	1.20E-07	1.08E-07	4.94E-08	4.94E-08	2.28E-09	5.51E-08	1.22E-08	1.62E-08	2.57E-08	4.54E-09	3.26E-09	1.19E-07
2098	387352.74, 3751534.85	3.97961	1.94E-04	2.69E-04	9.54E-04	6.71E-08	2.03E-07	1.17E-07	1.17E-07	1.06E-07	4.85E-08	4.85E-08	2.24E-09	5.41E-08	1.19E-08	1.59E-08	2.53E-08	4.45E-09	3.20E-09	1.17E-07
2099	387352.74, 3751559.85	3.90231	1.90E-04	2.64E-04	9.35E-04	6.58E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.36E-09	3.14E-09	1.15E-07
2100	387352.74, 3751584.85	3.82347	1.86E-04	2.59E-04	9.16E-04	6.44E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.66E-08	4.66E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.43E-08	4.28E-09	3.07E-09	1.13E-07
2101	387352.74, 3751609.85	3.7518	1.83E-04	2.54E-04	8.99E-04	6.32E-08	1.91E-07	1.11E-07	1.11E-07	1.00E-07	4.57E-08	4.57E-08	2.11E-09	5.10E-08	1.13E-08	1.50E-08	2.38E-08	4.20E-09	3.02E-09	1.10E-07
2102	387352.74, 3751634.85	3.67101	1.79E-04	2.48E-04	8.80E-04	6.19E-08	1.87E-07	1.08E-07	1.08E-07	9.80E-08	4.47E-08	4.47E-08	2.07E-09	4.99E-08	1.10E-08	1.47E-08	2.33E-08	4.11E-09	2.95E-09	1.08E-07
2103	387352.74, 3751659.85	3.59319	1.75E-04	2.43E-04	8.61E-04	6.06E-08	1.83E-07	1.06E-07	1.06E-07	9.60E-08	4.38E-08	4.38E-08	2.02E-09	4.88E-08	1.08E-08	1.44E-08	2.28E-08	4.02E-09	2.89E-09	1.06E-07
2104	387352.74, 3751684.85	3.51517	1.71E-04	2.38E-04	8.43E-04	5.92E-08	1.79E-07	1.04E-07	1.04E-07	9.39E-08	4.28E-08	4.28E-08	1.98E-09	4.78E-08	1.05E-08	1.41E-08	2.23E-08	3.93E-09	2.83E-09	1.03E-07
2105	387352.74, 3751709.85	3.42814	1.67E-04	2.32E-04	8.22E-04	5.78E-08	1.74E-07	1.01E-07	1.01E-07	9.15E-08	4.18E-08	4.18E-08	1.93E-09	4.66E-08	1.03E-08	1.37E-08	2.18E-08	3.83E-09	2.76E-09	1.01E-07
2106	387352.74, 3751734.85	3.338	1.63E-04	2.26E-04	8.00E-04	5.63E-08	1.70E-07	9.83E-08	9.83E-08	8.91E-08	4.07E-08	4.07E-08	1.88E-09	4.54E-08	1.00E-08	1.34E-08	2.12E-08	3.73E-09	2.68E-09	9.82E-08
2107	387352.74, 3751759.85	3.242	1.58E-04	2.19E-04	7.77E-04	5.46E-08	1.65E-07	9.55E-08	9.55E-08	8.66E-08	3.95E-08	3.95E-08	1.82E-09	4.41E-08	9.73E-09	1.30E-08	2.06E-08	3.63E-09	2.61E-09	9.54E-08
2108	387352.74, 3751784.85	3.13468	1.53E-04	2.12E-04	7.51E-04	5.28E-08	1.60E-07	9.23E-08	9.23E-08	8.37E-08	3.82E-08	3.82E-08	1.76E-09	4.26E-08	9.40E-09	1.25E-08	1.99E-08	3.51E-09	2.52E-09	9.22E-08
2109	387352.74, 3751809.85	3.01807	1.47E-04	2.04E-04	7.23E-04	5.09E-08	1.54E-07	8.89E-08	8.89E-08	8.06E-08	3.68E-08	3.68E-08	1.70E-09	4.10E-08	9.05E-09	1.21E-08	1.91E-08	3.37E-09	2.43E-09	8.88E-08
2110	387352.74, 3751834.85	2.88889	1.41E-04	1.95E-04	6.92E-04	4.87E-08	1.47E-07	8.51E-08	8.51E-08	7.71E-08	3.52E-08	3.52E-08	1.63E-09	3.93E-08	8.67E-09	1.16E-08	1.83E-08	3.23E-09	2.32E-09	8.50E-08
2111	387352.74, 3751859.85	2.75528	1.34E-04	1.86E-04	6.60E-04	4.64E-08	1.40E-07	8.12E-08	8.12E-08	7.36E-08	3.36E-08	3.36E-08	1.55E-09	3.75E-08	8.27E-09	1.10E-08	1.75E-08	3.08E-09	2.21E-09	8.11E-08
2112	387377.74, 3749834.85	16.83116	8.19E-04	1.14E-03	4.03E-03	2.84E-07	8.57E-07	4.96E-07	4.96E-07	4.49E-07	2.05E-07	2.05E-07	9.47E-09	2.29E-07	5.05E-08	6.73E-08	1.07E-07	1.88E-08	1.35E-08	4.95E-07
2113	387377.74, 3749859.85	17.0788	8.32E-04	1.16E-03	4.09E-03	2.88E-07	8.69E-07	5.03E-07	5.03E-07	4.56E-07	2.08E-07	2.08E-07	9.61E-09	2.32E-07	5.12E-08	6.83E-08	1.08E-07	1.91E-08	1.37E-08	5.03E-07
2114	387377.74, 3749884.85	15.76448	7.68E-04	1.07E-03	3.78E-03	2.66E-07	8.02E-07	4.64E-07	4.64E-07	4.21E-07	1.92E-07	1.92E-07	8.87E-09	2.14E-07	4.73E-08	6.31E-08	1.00E-07	1.76E-08	1.27E-08	4.64E-07
2115	387377.74, 3749909.85	15.10579	7.35E-04	1.02E-03	3.62E-03	2.55E-07	7.69E-07	4.45E-07	4.45E-07	4.03E-07	1.84E-07	1.84E-07	8.50E-09	2.05E-07	4.53E-08	6.04E-08	9.58E-08	1.69E-08	1.21E-08	4.44E-07
2116	387377.74, 3749934.85	14.68901	7.15E-04	9.94E-04	3.52E-03	2.48E-07	7.48E-07	4.33E-07	4.33E-07	3.92E-07	1.79E-07	1.79E-07	8.27E-09	2.00E-07	4.41E-08	5.88E-08	9.32E-08	1.64E-08	1.18E-08	4.32E-07
2117	387377.74, 3749959.85	13.5205	6.58E-04	9.15E-04	3.24E-03	2.28E-07	6.88E-07	3.98E-07	3.98E-07	3.61E-07	1.65E-07	1.65E-07	7.61E-09	1.84E-07	4.06E-08	5.41E-08	8.58E-08	1.51E-08	1.09E-08	3.98E-07
2118	387377.74, 3749984.85	12.86432	6.26E-04	8.70E-04	3.08E-03	2.17E-07	6.55E-07	3.79E-07	3.79E-07	3.44E-07	1.57E-07	1.57E-07	7.24E-09	1.75E-07	3.86E-08	5.15E-08	8.16E-08	1.44E-08	1.03E-08	3.79E-07
2119	387377.74, 3750009.85	12.753	6.21E-04	8.63E-04	3.06E-03	2.15E-07	6.49E-07	3.76E-07	3.76E-07	3.41E-07	1.55E-07	1.55E-07	7.18E-09	1.73E-07	3.83E-08	5.10E-08	8.09E-08	1.43E-08	1.03E-08	3.75E-07
2120	387377.74, 3750034.85	12.31041	5.99E-04	8.33E-04	2.95E-03	2.07E-07	6.26E-07	3.63E-07	3.63E-07	3.29E-07	1.50E-07	1.50E-07	6.93E-09	1.67E-07	3.69E-08	4.92E-08	7.81E-08	1.38E-08	9.89E-09	3.62E-07
2121	387377.74, 3750059.85	12.13101	5.91E-04	8.21E-04	2.91E-03	2.04E-07	6.17E-07	3.57E-07	3.57E-07	3.24E-07	1.48E-07	1.48E-07	6.83E-09	1.65E-07	3.64E-08	4.85E-08	7.70E-08	1.36E-08	9.75E-09	3.57E-07
2122	387377.74, 3750084.85	11.59254	5.64E-04	7.84E-04	2.78E-03	1.95E-07	5.90E-07	3.42E-07	3.42E-07	3.10E-07	1.41E-07	1.41E-07	6.52E-09	1.58E-07	3.48E-08	4.64E-08	7.36E-08	1.30E-08	9.32E-09	3.41E-07
2123	387377.74, 3750109.85	11.10601	5.41E-04	7.51E-04	2.66E-03	1.87E-07	5.65E-07	3.27E-07	3.27E-07	2.97E-07	1.35E-07	1.35E-07	6.25E-09	1.51E-07	3.33E-08	4.44E-08	7.05E-08	1.24E-08	8.93E-09	3.27E-07
2124	387377.74, 3750134.85	10.82325	5.27E-04	7.32E-04	2.59E-03	1.82E-07	5.51E-07	3.19E-07	3.19E-07	2.89E-07	1.32E-07	1.32E-07	6.09E-09	1.47E-07	3.25E-08	4.33E-08	6.87E-08	1.21E-08	8.70E-09	3.18E-07
2125	387377.74, 3750159.85	10.33211	5.03E-04	6.99E-04	2.48E-03	1.74E-07	5.26E-07	3.04E-07	3.04E-07	2.76E-07	1.26E-07	1.26E-07	5.81E-09	1.40E-07	3.10E-08	4.13E-08	6.56E-08	1.16E-08	8.30E-09	3.04E-07
2126	387377.74, 3750184.85	10.09112	4.91E-04	6.83E-04	2.42E-03	1.70E-07	5.14E-07	2.97E-07	2.97E-07	2.69E-07	1.23E-07	1.23E-07	5.68E-09	1.37E-07	3.03E-08	4.04E-08	6.40E-08	1.13E-08	8.11E-09	2.97E-07
2127	387377.74, 3750209.85	9.87251	4.81E-04	6.68E-04	2.37E-03	1.66E-07	5.02E-07	2.91E-07	2.91E-07	2.64E-07	1.20E-07	1.20E-07	5.56E-09	1.34E-07	2.96E-08	3.95E-08	6.26E-08	1.10E-08	7.94E-09	2.90E-07
2128	387377.74, 3750234.85	9.60342	4.68E-04	6.50E-04	2.30E-03	1.62E-07	4.89E-07	2.83E-07	2.83E-07	2.56E-07	1.17E-07	1.17E-07	5.40E-09	1.31E-07	2.88E-08	3.84E-08	6.09E-08	1.07E-08	7.72E-09	2.83E-07
2129	387377.74, 3750259.85	9.26984	4.51E-04	6.27E-04	2.22E-03	1.56E-07	4.72E-07	2.73E-07	2.73E-07	2.48E-07	1.13E-07	1.13E-07	5.22E-09	1.26E-07	2.78E-08	3.71E-08	5.88E-08	1.04E-08	7.45E-09	2.73E-07
2130	387377.74, 3750284.85	9.08406	4.42E-04	6.14E-04	2.18E-03	1.53E-07	4.62E-07	2.68E-07	2.68E-07	2.43E-07	1.11E-07	1.11E-07	5.11E-09	1.23E-07	2.73E-08	3.63E-08	5.76E-08	1.02E-08	7.30E-09	2.67E-07
2131	387377.74, 3750309.85	8.85837	4.31E-04	5.99E-04	2.12E-03	1.49E-07	4.51E-07	2.61E-07	2.61E-07	2.37E-07	1.08E-07	1.08E-07	4.99E-09	1.20E-07	2.66E-08	3.54E-08	5.62E-08	9.91E-09	7.12E-09	2.61E-07
2132	387377.74, 3750334.85	8.63394	4.20E-04	5.84E-04	2.07E-03	1.46E-07	4.39E-07	2.54E-07	2.54E-07	2.31E-07	1.05E-07	1.05E-07	4.86E-09	1.17E-07	2.59E-08	3.45E-08	5.48E-08	9.65E-09	6.94E-09	2.54E-07
2133	387377.74, 3750359.85	8.39165	4.09E-04	5.68E-04	2.01E-03	1.41E-07	4.27E-07	2.47E-07	2.47E-07	2.24E-07	1.02E-07	1.02E-07	4.72E-09	1.14E-07	2.52E-08	3.36E-08	5.32E-08	9.38E-09	6.74E-09	2.47E-07
2134	387377.74, 3750384.85	8.1591	3.97E-04	5.52E-04	1.96E-03	1.38E-07	4.15E-07	2.40E-07	2.40E-07	2.18E-07	9.94E-08	9.94E-08	4.59E-09	1.11E-07	2.45E-08	3.26E-08	5.18E-08	9.12E-09	6.56E-09	2.40E-07
2135	387377.74, 3750409.85	7.92176	3.86E-04	5.36E-04	1.90E-03	1.34E-07	4.03E-07	2.33E-07	2.33E-07	2.12E-07	9.65E-08	9.65E-08	4.46E-09	1.08E-07	2.38E-08	3.17E-08	5.03E-08	8.86E-09	6.37E-09	2.33E-07
2136	387377.74, 3750434.85	7.77124	3.78E-04	5.26E-04	1.86E-03	1.31E-07	3.95E-07	2.29E-07	2.29E-07	2.08E-07	9.47E-08	9.47E-08	4.37E-09	1.06E-07	2.33E-08	3.11E-08	4.93E-08	8.69E-09	6.25E-09	2.29E-07
2137	387377.74, 3750459.85	7.60403	3.70E-04	5.14E-04	1.82E-03	1.28E-07	3.87E-07	2.24E-07	2.24E-07	2.03E-07	9.27E-08	9.27E-08	4.28E-09	1.03E-07	2.28E-08	3.04E-08	4.82E-08	8.50E-09	6.11E-09	2.24E-07
2138	387377.74, 3750484.85	7.45329	3.63E-04	5.04E-04	1.79E-03	1.26E-07	3.79E-07	2.20E-07	2.20E-07	1.99E-07	9.08E-08	9.08E-08	4.19E-09	1.01E-07	2.24E-08	2.98E-08	4.73E-08	8.33E-09	5.99E-09	2.19E-07
2139	387377.74, 3750509.85	7.22824	3.52E-04	4.89E-04	1.73E-03	1.22E-07	3.68E-07	2.13E-07	2.13E-07	1.93E-07	8.81E-08	8.81E-08	4.07E-09	9.83E-08	2.17E-08	2.89E-08	4.59E-08	8.08E-09	5.81E-09	2.13E-07
2140	387377.74, 3750534.85	7.01452	3.42E-04	4.74E-04	1.68E-03	1.18E-07	3.57E-07	2.07E-07	2.07E-07	1.87E-07	8.55E-08	8.55E-08	3.95E-09	9.54E-08	2.10E-08	2.81E-08	4.45E-08	7.84E-09	5.64E-09	2.06E-07
2141	387377.74, 3750559.85	6.88523	3.35E-04	4.66E-04	1.65E-03	1.16E-07	3.50E-07	2.03E-07	2.03E-07	1.84E-07	8.39E-08	8.39E-08	3.88E-09	9.36E-08	2.07E-08	2.75E-08	4.37E-08	7.70E-09	5.53E-09	2.03E-07

2142	387377.74, 3750584.85	6.75233	3.29E-04	4.57E-04	1.62E-03	1.14E-07	3.44E-07	1.99E-07	1.99E-07	1.80E-07	8.23E-08	8.23E-08	3.80E-09	9.18E-08	2.03E-08	2.70E-08	4.28E-08	7.55E-09	5.43E-09	1.99E-07
2143	387377.74, 3750609.85	6.69589	3.26E-04	4.53E-04	1.60E-03	1.13E-07	3.41E-07	1.97E-07	1.97E-07	1.79E-07	8.16E-08	8.16E-08	3.77E-09	9.10E-08	2.01E-08	2.68E-08	4.25E-08	7.49E-09	5.38E-09	1.97E-07
2144	387377.74, 3750634.85	6.58738	3.21E-04	4.46E-04	1.58E-03	1.11E-07	3.35E-07	1.94E-07	1.94E-07	1.76E-07	8.03E-08	8.03E-08	3.71E-09	8.96E-08	1.98E-08	2.63E-08	4.18E-08	7.37E-09	5.29E-09	1.94E-07
2145	387377.74, 3750659.85	6.47009	3.15E-04	4.38E-04	1.55E-03	1.09E-07	3.29E-07	1.91E-07	1.91E-07	1.73E-07	7.88E-08	7.88E-08	3.64E-09	8.80E-08	1.94E-08	2.59E-08	4.11E-08	7.24E-09	5.20E-09	1.90E-07
2146	387377.74, 3750684.85	6.36277	3.10E-04	4.30E-04	1.53E-03	1.07E-07	3.24E-07	1.87E-07	1.87E-07	1.70E-07	7.75E-08	7.75E-08	3.58E-09	8.65E-08	1.91E-08	2.54E-08	4.04E-08	7.12E-09	5.11E-09	1.87E-07
2147	387377.74, 3750709.85	6.24077	3.04E-04	4.22E-04	1.50E-03	1.05E-07	3.18E-07	1.84E-07	1.84E-07	1.67E-07	7.60E-08	7.60E-08	3.51E-09	8.48E-08	1.87E-08	2.50E-08	3.96E-08	6.98E-09	5.02E-09	1.84E-07
2148	387377.74, 3750734.85	6.14844	2.99E-04	4.16E-04	1.47E-03	1.04E-07	3.13E-07	1.81E-07	1.81E-07	1.64E-07	7.49E-08	7.49E-08	3.46E-09	8.36E-08	1.84E-08	2.46E-08	3.90E-08	6.88E-09	4.94E-09	1.81E-07
2149	387377.74, 3750759.85	6.02071	2.93E-04	4.07E-04	1.44E-03	1.01E-07	3.06E-07	1.77E-07	1.77E-07	1.61E-07	7.34E-08	7.34E-08	3.39E-09	8.18E-08	1.81E-08	2.41E-08	3.82E-08	6.73E-09	4.84E-09	1.77E-07
2150	387377.74, 3750784.85	5.91959	2.88E-04	4.00E-04	1.42E-03	9.98E-08	3.01E-07	1.74E-07	1.74E-07	1.58E-07	7.21E-08	7.21E-08	3.33E-09	8.05E-08	1.78E-08	2.37E-08	3.76E-08	6.62E-09	4.76E-09	1.74E-07
2151	387377.74, 3750809.85	5.81349	2.83E-04	3.93E-04	1.39E-03	9.80E-08	2.96E-07	1.71E-07	1.71E-07	1.55E-07	7.08E-08	7.08E-08	3.27E-09	7.90E-08	1.74E-08	2.33E-08	3.69E-08	6.50E-09	4.67E-09	1.71E-07
2152	387377.74, 3750834.85	5.70444	2.78E-04	3.86E-04	1.37E-03	9.61E-08	2.90E-07	1.68E-07	1.68E-07	1.52E-07	6.95E-08	6.95E-08	3.21E-09	7.75E-08	1.71E-08	2.28E-08	3.62E-08	6.38E-09	4.58E-09	1.68E-07
2153	387377.74, 3750859.85	5.58775	2.72E-04	3.78E-04	1.34E-03	9.42E-08	2.84E-07	1.65E-07	1.65E-07	1.49E-07	6.81E-08	6.81E-08	3.14E-09	7.60E-08	1.68E-08	2.23E-08	3.55E-08	6.25E-09	4.49E-09	1.64E-07
2154	387377.74, 3750884.85	5.49031	2.67E-04	3.71E-04	1.32E-03	9.25E-08	2.79E-07	1.62E-07	1.62E-07	1.47E-07	6.69E-08	6.69E-08	3.09E-09	7.46E-08	1.65E-08	2.20E-08	3.48E-08	6.14E-09	4.41E-09	1.62E-07
2155	387377.74, 3750909.85	5.37135	2.62E-04	3.63E-04	1.29E-03	9.05E-08	2.73E-07	1.58E-07	1.58E-07	1.43E-07	6.55E-08	6.55E-08	3.02E-09	7.30E-08	1.61E-08	2.15E-08	3.41E-08	6.01E-09	4.32E-09	1.58E-07
2156	387377.74, 3750934.85	5.28087	2.57E-04	3.57E-04	1.27E-03	8.90E-08	2.69E-07	1.56E-07	1.56E-07	1.41E-07	6.43E-08	6.43E-08	2.97E-09	7.18E-08	1.58E-08	2.11E-08	3.35E-08	5.91E-09	4.24E-09	1.55E-07
2157	387377.74, 3750959.85	5.19504	2.53E-04	3.51E-04	1.25E-03	8.76E-08	2.64E-07	1.53E-07	1.53E-07	1.39E-07	6.33E-08	6.33E-08	2.92E-09	7.06E-08	1.56E-08	2.08E-08	3.30E-08	5.81E-09	4.18E-09	1.53E-07
2158	387377.74, 3750984.85	5.13205	2.50E-04	3.47E-04	1.23E-03	8.65E-08	2.61E-07	1.51E-07	1.51E-07	1.37E-07	6.25E-08	6.25E-08	2.89E-09	6.98E-08	1.54E-08	2.05E-08	3.26E-08	5.74E-09	4.12E-09	1.51E-07
2159	387377.74, 3751009.85	5.05963	2.46E-04	3.42E-04	1.21E-03	8.53E-08	2.57E-07	1.49E-07	1.49E-07	1.35E-07	6.17E-08	6.17E-08	2.85E-09	6.88E-08	1.52E-08	2.02E-08	3.21E-08	5.66E-09	4.07E-09	1.49E-07
2160	387377.74, 3751034.85	4.95459	2.41E-04	3.35E-04	1.19E-03	8.35E-08	2.52E-07	1.46E-07	1.46E-07	1.32E-07	6.04E-08	6.04E-08	2.79E-09	6.74E-08	1.49E-08	1.98E-08	3.14E-08	5.54E-09	3.98E-09	1.46E-07
2161	387377.74, 3751059.85	4.88736	2.38E-04	3.31E-04	1.17E-03	8.24E-08	2.49E-07	1.44E-07	1.44E-07	1.31E-07	5.96E-08	5.96E-08	2.75E-09	6.64E-08	1.47E-08	1.95E-08	3.10E-08	5.47E-09	3.93E-09	1.44E-07
2162	387377.74, 3751084.85	4.82192	2.35E-04	3.26E-04	1.16E-03	8.13E-08	2.45E-07	1.42E-07	1.42E-07	1.29E-07	5.88E-08	5.88E-08	2.71E-09	6.56E-08	1.45E-08	1.93E-08	3.06E-08	5.39E-09	3.88E-09	1.42E-07
2163	387377.74, 3751109.85	4.73216	2.30E-04	3.20E-04	1.13E-03	7.98E-08	2.41E-07	1.39E-07	1.39E-07	1.26E-07	5.77E-08	5.77E-08	2.66E-09	6.43E-08	1.42E-08	1.89E-08	3.00E-08	5.29E-09	3.80E-09	1.39E-07
2164	387377.74, 3751134.85	4.66456	2.27E-04	3.16E-04	1.12E-03	7.86E-08	2.37E-07	1.37E-07	1.37E-07	1.25E-07	5.68E-08	5.68E-08	2.63E-09	6.34E-08	1.40E-08	1.87E-08	2.96E-08	5.22E-09	3.75E-09	1.37E-07
2165	387377.74, 3751159.85	4.59149	2.24E-04	3.11E-04	1.10E-03	7.74E-08	2.34E-07	1.35E-07	1.35E-07	1.23E-07	5.59E-08	5.59E-08	2.58E-09	6.24E-08	1.38E-08	1.84E-08	2.91E-08	5.13E-09	3.69E-09	1.35E-07
2166	387377.74, 3751184.85	4.53111	2.21E-04	3.07E-04	1.09E-03	7.64E-08	2.31E-07	1.33E-07	1.33E-07	1.21E-07	5.52E-08	5.52E-08	2.55E-09	6.16E-08	1.36E-08	1.81E-08	2.88E-08	5.07E-09	3.64E-09	1.33E-07
2167	387377.74, 3751209.85	4.45376	2.17E-04	3.01E-04	1.07E-03	7.51E-08	2.27E-07	1.31E-07	1.31E-07	1.19E-07	5.43E-08	5.43E-08	2.51E-09	6.05E-08	1.34E-08	1.78E-08	2.83E-08	4.98E-09	3.58E-09	1.31E-07
2168	387377.74, 3751234.85	4.38593	2.14E-04	2.97E-04	1.05E-03	7.39E-08	2.23E-07	1.29E-07	1.29E-07	1.17E-07	5.34E-08	5.34E-08	2.47E-09	5.96E-08	1.32E-08	1.75E-08	2.78E-08	4.90E-09	3.53E-09	1.29E-07
2169	387377.74, 3751259.85	4.32036	2.10E-04	2.92E-04	1.04E-03	7.28E-08	2.20E-07	1.27E-07	1.27E-07	1.15E-07	5.26E-08	5.26E-08	2.43E-09	5.87E-08	1.30E-08	1.73E-08	2.74E-08	4.83E-09	3.47E-09	1.27E-07
2170	387377.74, 3751284.85	4.2563	2.07E-04	2.88E-04	1.02E-03	7.17E-08	2.17E-07	1.25E-07	1.25E-07	1.14E-07	5.19E-08	5.19E-08	2.40E-09	5.79E-08	1.28E-08	1.70E-08	2.70E-08	4.76E-09	3.42E-09	1.25E-07
2171	387377.74, 3751309.85	4.18973	2.04E-04	2.83E-04	1.00E-03	7.06E-08	2.13E-07	1.23E-07	1.23E-07	1.12E-07	5.11E-08	5.11E-08	2.36E-09	5.70E-08	1.26E-08	1.68E-08	2.66E-08	4.69E-09	3.37E-09	1.23E-07
2172	387377.74, 3751334.85	4.12268	2.01E-04	2.79E-04	9.88E-04	6.95E-08	2.10E-07	1.21E-07	1.21E-07	1.10E-07	5.02E-08	5.02E-08	2.32E-09	5.60E-08	1.24E-08	1.65E-08	2.62E-08	4.61E-09	3.31E-09	1.21E-07
2173	387377.74, 3751359.85	4.05823	1.98E-04	2.75E-04	9.73E-04	6.84E-08	2.07E-07	1.20E-07	1.20E-07	1.08E-07	4.95E-08	4.95E-08	2.28E-09	5.52E-08	1.22E-08	1.62E-08	2.57E-08	4.54E-09	3.26E-09	1.19E-07
2174	387377.74, 3751384.85	3.99565	1.95E-04	2.70E-04	9.58E-04	6.73E-08	2.03E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.43E-08	1.20E-08	1.60E-08	2.54E-08	4.47E-09	3.21E-09	1.18E-07
2175	387377.74, 3751409.85	3.9341	1.92E-04	2.66E-04	9.43E-04	6.63E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.79E-08	4.79E-08	2.21E-09	5.35E-08	1.18E-08	1.57E-08	2.50E-08	4.40E-09	3.16E-09	1.16E-07
2176	387377.74, 3751434.85	3.87111	1.88E-04	2.62E-04	9.28E-04	6.52E-08	1.97E-07	1.14E-07	1.14E-07	1.03E-07	4.72E-08	4.72E-08	2.18E-09	5.26E-08	1.16E-08	1.55E-08	2.46E-08	4.33E-09	3.11E-09	1.14E-07
2177	387377.74, 3751459.85	3.80388	1.85E-04	2.57E-04	9.12E-04	6.41E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.64E-08	4.64E-08	2.14E-09	5.17E-08	1.14E-08	1.52E-08	2.41E-08	4.25E-09	3.06E-09	1.12E-07
2178	387377.74, 3751484.85	3.73719	1.82E-04	2.53E-04	8.96E-04	6.30E-08	1.90E-07	1.10E-07	1.10E-07	9.98E-08	4.55E-08	4.55E-08	2.10E-09	5.08E-08	1.12E-08	1.49E-08	2.37E-08	4.18E-09	3.00E-09	1.10E-07
2179	387377.74, 3751509.85	3.66917	1.79E-04	2.48E-04	8.79E-04	6.18E-08	1.87E-07	1.08E-07	1.08E-07	9.80E-08	4.47E-08	4.47E-08	2.07E-09	4.99E-08	1.10E-08	1.47E-08	2.33E-08	4.10E-09	2.95E-09	1.08E-07
2180	387377.74, 3751534.85	3.60251	1.75E-04	2.44E-04	8.63E-04	6.07E-08	1.83E-07	1.06E-07	1.06E-07	9.62E-08	4.39E-08	4.39E-08	2.03E-09	4.90E-08	1.08E-08	1.44E-08	2.29E-08	4.03E-09	2.90E-09	1.06E-07
2181	387377.74, 3751559.85	3.53536	1.72E-04	2.39E-04	8.47E-04	5.96E-08	1.80E-07	1.04E-07	1.04E-07	9.44E-08	4.31E-08	4.31E-08	1.99E-09	4.81E-08	1.06E-08	1.41E-08	2.24E-08	3.95E-09	2.84E-09	1.04E-07
2182	387377.74, 3751584.85	3.46639	1.69E-04	2.34E-04	8.31E-04	5.84E-08	1.76E-07	1.02E-07	1.02E-07	9.26E-08	4.22E-08	4.22E-08	1.95E-09	4.71E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2183	387377.74, 3751609.85	3.39997	1.66E-04	2.30E-04	8.15E-04	5.73E-08	1.73E-07	1.00E-07	1.00E-07	9.08E-08	4.14E-08	4.14E-08	1.91E-09	4.62E-08	1.02E-08	1.36E-08	2.16E-08	3.80E-09	2.73E-09	1.00E-07
2184	387377.74, 3751634.85	3.33379	1.62E-04	2.26E-04	7.99E-04	5.62E-08	1.70E-07	9.82E-08	9.82E-08	8.90E-08	4.06E-08	4.06E-08	1.88E-09	4.53E-08	1.00E-08	1.33E-08	2.12E-08	3.73E-09	2.68E-09	9.81E-08
2185	387377.74, 3751659.85	3.26279	1.59E-04	2.21E-04	7.82E-04	5.50E-08	1.66E-07	9.61E-08	9.61E-08	8.71E-08	3.98E-08	3.98E-08	1.84E-09	4.44E-08	9.79E-09	1.31E-08	2.07E-08	3.65E-09	2.62E-09	9.60E-08
2186	387377.74, 3751684.85	3.19158	1.55E-04	2.16E-04	7.65E-04	5.38E-08	1.62E-07	9.40E-08	9.40E-08	8.52E-08	3.89E-08	3.89E-08	1.80E-09	4.34E-08	9.57E-09	1.28E-08	2.03E-08	3.57E-09	2.57E-09	9.39E-08
2187	387377.74, 3751709.85	3.11575	1.52E-04	2.11E-04	7.47E-04	5.25E-08	1.59E-07	9.18E-08	9.18E-08	8.32E-08	3.80E-08	3.80E-08	1.75E-09	4.24E-08	9.35E-09	1.25E-08	1.98E-08	3.48E-09	2.50E-09	9.17E-08
2188	387377.74, 3751734.85	3.03502	1.48E-04	2.05E-04	7.27E-04	5.12E-08	1.54E-07	8.94E-08	8.94E-08	8.10E-08	3.70E-08	3.70E-08	1.71E-09	4.13E-08	9.10E-09	1.21E-08	1.93E-08	3.39E-09	2.44E-09	8.93E-08
2189	387377.74, 3751759.85	2.94826	1.44E-04	1.99E-04	7.07E-04	4.97E-08	1.50E-07	8.69E-08	8.69E-08	7.87E-08	3.59E-08	3.59E-08	1.66E-09	4.01E-08	8.84E-09	1.18E-08	1.87E-08	3.30E-09	2.37E-09	8.67E-08
2190	387377.74, 3751784.85	2.85374	1.39E-04	1.93E-04	6.84E-04	4.81E-08	1.45E-07	8.41E-08	8.41E-08	7.62E-08	3.48E-08	3.48E-08	1.61E-09	3.88E-08	8.56E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.40E-08
2191	387402.74, 3749609.85	20.96839	1.02E-03	1.42E-03	5.03E-03	3.53E-07	1.07E-06	6.18E-07	6.18E-07	5.60E-07	2.56E-07	2.56E-07	1.18E-08	2.85E-07	6.29E-08	8.39E-08	1.33E-07	2.34E-08	1.69E-08	6.17E-07
2192	387402.74, 3749634.85	18.7092	9.11E-04	1.27E-03	4.48E-03	3.15E-07	9.52E-07	5.51E-07	5.51E-07	5.00E-07	2.28E-07	2.28E-07	1.05E-08	2.54E-07	5.61E-08	7.48E-08	1.19E-07	2.09E-08	1.50E-08	5.50E-07
2193	387402.74, 3749659.85	18.42576	8.97E-04	1.25E-03	4.42E-03	3.11E-07	9.38E-07	5.43E-07	5.43E-07	4.92E-07	2.25E-07	2.25E-07	1.04E-08	2.50E-07	5.53E-08	7.37E-08	1.17E-07	2.06E-08	1.48E-08	5.42E-07
2194	387402.74, 3749684.85	16.7321	8.15E-04	1.13E-03	4.01E-03	2.82E-07	8.51E-07	4.93E-07	4.93E-07	4.47E-07	2.04E-07	2.04E-07	9.42E-09	2.27E-07	5.02E-08	6.69E-08	1.06E-07	1.87E-08	1.34E-08	4.92E-07
2195	387402.74, 3749709.85	15.27217	7.44E-04	1.03E-03	3.66E-03	2.57E-07	7.77E-07	4.50E-07	4.50E-07	4.08E-07	1.86E-07	1.86E-07	8.60E-09	2.08E-07	4.58E-08	6.11E-08	9.69E-08	1.71E-08	1.23E-08	4.49E-07
2196	387402.74, 3749734.85	14.67201	7.14E-04	9.92E-04	3.52E-03	2.47E-07	7.47E-07	4.32E-07	4.32E-07	3.92E-07	1.79E-07	1.79E-07	8.26E-09	1.99E-07	4.40E-08	5.87E-08	9.31E-08	1.64E-08	1.18E-08	4.32E-07
2197	387402.74, 3749759.85	13.69497	6.67E-04	9.26E-04	3.28E-03	2.31E-07	6.97E-07	4.03E-07	4.03E-07	3.66E-07	1.67E-07	1.67E-07	7.71E-09	1.86E-07	4.11E-08	5.48E-08	8.69E-08	1.53E-08	1.10E-08	4.03E-07
2198	387402.74, 3749784.85	13.14945	6.40E-04	8.89E-04	3.15E-03	2.22E-07	6.69E-07	3.87E-07	3.87E-07	3.51E-07	1.60E-07	1.60E-07	7.40E-09	1.79E-07	3.94E-08	5.26E-08	8.34E-08	1.47E-08	1.06E-08	3.87E-07
2199	387402.74, 3749809.85	12.69564	6.18E-04	8.59E-04	3.04E-03	2.14E-07	6.46E-07	3.74E-07	3.74E-07	3.39E-07	1.55E-07	1.55E-07	7.15E-09	1.73E-07	3.81E-08	5.08E-08	8.06E-08	1.42E-08	1.02E-08	3.74E-07
2200	387402.74, 3749834.85	11.94687	5.82E-04	8.08E-04	2.86E-03	2.01E-07	6.08E-07	3.52E-07	3.52E-07	3.19E-07	1.46E-07	1.46E-07	6.72E-09	1.62E-07	3.58E-08	4.78E-08	7.58E-08	1.34E-08	9.60E-09	3.52E-07
2201	387402.74, 3749859.85	11.57798	5.64E-04	7.83E-04	2.78E-03	1.95E-07	5.89E-07	3.41E-07	3.41E-07	3.09E-07	1.41E-07	1.41E-07	6.52E-09	1.57E-07	3.47E-08	4.63E-08	7.35E-08	1.29E-08	9.31E-09	3.41E-07
2202	387402.74, 3749884.85	11.32928	5.52E-04	7.66E-04	2.72E-03	1.91E-07	5.77E-07	3.34E-07	3.34E-07	3.03E-07	1.38E-07	1.38E-07	6.38E-09	1.54E-07	3.40E-08	4.53E-08	7.19E-08	1.27E-08	9.11E-09	3.33E-07
2203	387402.74, 3749909.85	10.75449	5.24E-04	7.27E-04	2.58E-03	1.81E-07	5.47E-07	3.17E-07	3.17E-07	2.87E-07	1.31E-07	1.31E-07	6.05E-09	1.46E-07	3.23E-08	4.30E-08	6.82E-08	1.20E-08	8.64E-09	3.16E-07
2204	387402.74, 3749934.85	10.42983	5.08E-04	7.06E-04	2.50E-03	1.76E-07	5.31E-07	3.07E-07	3.07E-07	2.79E-07	1.27E-07	1.27E-07	5.87E-09	1.42E-07	3.13E-08	4.17E-08	6.62E-08	1.17E-08	8.38E-09	3.07E-07
2205	387402.74, 3749959.85	9.92745	4.83E-04	6.72E-04	2.38E-03	1.67E-07	5.05E-07	2.92E-07	2.92E-07	2.65E-07	1.21E-07	1.21E-07	5.59E-09	1.35E-07	2.98E-08	3.97E-08	6.30E-08	1.11E-08	7.98E-09	2.92E-07
2206	387402.74, 3749984.85	9.76855	4.76E-04	6.61E-04	2.34E-03	1.65E-07	4.97E-07	2.88E-07	2.88E-07	2.61E-07	1.19E-07	1.19E-07	5.50E-09	1.33E-07	2.93E-08	3.91E-08	6.20E-08	1.09E-08	7.85E-09	2.87E-07

2207	387402.74, 3750009.85	9.70323	4.72E-04	6.56E-04	2.33E-03	1.64E-07	4.94E-07	2.86E-07	2.86E-07	2.59E-07	1.18E-07	1.18E-07	5.46E-09	1.32E-07	2.91E-08	3.88E-08	6.16E-08	1.09E-08	7.80E-09	2.86E-07
2208	387402.74, 3750034.85	9.4025	4.58E-04	6.36E-04	2.25E-03	1.58E-07	4.78E-07	2.77E-07	2.77E-07	2.51E-07	1.15E-07	1.15E-07	5.29E-09	1.28E-07	2.82E-08	3.76E-08	5.97E-08	1.05E-08	7.56E-09	2.77E-07
2209	387402.74, 3750059.85	9.28352	4.52E-04	6.28E-04	2.23E-03	1.56E-07	4.72E-07	2.73E-07	2.73E-07	2.48E-07	1.13E-07	1.13E-07	5.22E-09	1.26E-07	2.78E-08	3.71E-08	5.89E-08	1.04E-08	7.46E-09	2.73E-07
2210	387402.74, 3750084.85	9.02657	4.39E-04	6.11E-04	2.16E-03	1.52E-07	4.59E-07	2.66E-07	2.66E-07	2.41E-07	1.10E-07	1.10E-07	5.08E-09	1.23E-07	2.71E-08	3.61E-08	5.73E-08	1.01E-08	7.26E-09	2.66E-07
2211	387402.74, 3750109.85	8.81563	4.29E-04	5.96E-04	2.11E-03	1.49E-07	4.49E-07	2.60E-07	2.60E-07	2.35E-07	1.07E-07	1.07E-07	4.96E-09	1.20E-07	2.64E-08	3.53E-08	5.59E-08	9.86E-09	7.09E-09	2.59E-07
2212	387402.74, 3750134.85	8.56785	4.17E-04	5.80E-04	2.05E-03	1.44E-07	4.36E-07	2.52E-07	2.52E-07	2.29E-07	1.04E-07	1.04E-07	4.82E-09	1.16E-07	2.57E-08	3.43E-08	5.44E-08	9.58E-09	6.89E-09	2.52E-07
2213	387402.74, 3750159.85	8.3826	4.08E-04	5.67E-04	2.01E-03	1.41E-07	4.27E-07	2.47E-07	2.47E-07	2.24E-07	1.02E-07	1.02E-07	4.72E-09	1.14E-07	2.51E-08	3.35E-08	5.32E-08	9.37E-09	6.74E-09	2.47E-07
2214	387402.74, 3750184.85	8.16094	3.97E-04	5.52E-04	1.96E-03	1.38E-07	4.15E-07	2.40E-07	2.40E-07	2.18E-07	9.94E-08	9.94E-08	4.59E-09	1.11E-07	2.45E-08	3.26E-08	5.18E-08	9.13E-09	6.56E-09	2.40E-07
2215	387402.74, 3750209.85	7.95272	3.87E-04	5.38E-04	1.91E-03	1.34E-07	4.05E-07	2.34E-07	2.34E-07	2.12E-07	9.69E-08	9.69E-08	4.48E-09	1.08E-07	2.39E-08	3.18E-08	5.05E-08	8.89E-09	6.39E-09	2.34E-07
2216	387402.74, 3750234.85	7.77753	3.79E-04	5.26E-04	1.86E-03	1.31E-07	3.96E-07	2.29E-07	2.29E-07	2.08E-07	9.48E-08	9.48E-08	4.38E-09	1.06E-07	2.33E-08	3.11E-08	4.93E-08	8.70E-09	6.25E-09	2.29E-07
2217	387402.74, 3750259.85	7.58221	3.69E-04	5.13E-04	1.82E-03	1.28E-07	3.86E-07	2.23E-07	2.23E-07	2.02E-07	9.24E-08	9.24E-08	4.27E-09	1.03E-07	2.27E-08	3.03E-08	4.81E-08	8.48E-09	6.09E-09	2.23E-07
2218	387402.74, 3750284.85	7.41237	3.61E-04	5.01E-04	1.78E-03	1.25E-07	3.77E-07	2.18E-07	2.18E-07	1.98E-07	9.03E-08	9.03E-08	4.17E-09	1.01E-07	2.22E-08	2.96E-08	4.70E-08	8.29E-09	5.96E-09	2.18E-07
2219	387402.74, 3750309.85	7.27405	3.54E-04	4.92E-04	1.74E-03	1.23E-07	3.70E-07	2.14E-07	2.14E-07	1.94E-07	8.86E-08	8.86E-08	4.09E-09	9.89E-08	2.18E-08	2.91E-08	4.62E-08	8.13E-09	5.85E-09	2.14E-07
2220	387402.74, 3750334.85	7.11212	3.46E-04	4.81E-04	1.70E-03	1.20E-07	3.62E-07	2.10E-07	2.10E-07	1.90E-07	8.67E-08	8.67E-08	4.00E-09	9.67E-08	2.13E-08	2.84E-08	4.51E-08	7.95E-09	5.72E-09	2.09E-07
2221	387402.74, 3750359.85	6.98428	3.40E-04	4.72E-04	1.67E-03	1.18E-07	3.55E-07	2.06E-07	2.06E-07	1.87E-07	8.51E-08	8.51E-08	3.93E-09	9.49E-08	2.10E-08	2.79E-08	4.43E-08	7.81E-09	5.61E-09	2.06E-07
2222	387402.74, 3750384.85	6.82329	3.32E-04	4.62E-04	1.64E-03	1.15E-07	3.47E-07	2.01E-07	2.01E-07	1.82E-07	8.31E-08	8.31E-08	3.84E-09	9.28E-08	2.05E-08	2.73E-08	4.33E-08	7.63E-09	5.48E-09	2.01E-07
2223	387402.74, 3750409.85	6.63565	3.23E-04	4.49E-04	1.59E-03	1.12E-07	3.38E-07	1.95E-07	1.95E-07	1.77E-07	8.09E-08	8.09E-08	3.73E-09	9.02E-08	1.99E-08	2.65E-08	4.21E-08	7.42E-09	5.33E-09	1.95E-07
2224	387402.74, 3750434.85	6.51861	3.17E-04	4.41E-04	1.56E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.94E-08	7.94E-08	3.67E-09	8.86E-08	1.96E-08	2.61E-08	4.14E-08	7.29E-09	5.24E-09	1.92E-07
2225	387402.74, 3750459.85	6.44086	3.14E-04	4.36E-04	1.54E-03	1.09E-07	3.28E-07	1.90E-07	1.90E-07	1.72E-07	7.85E-08	7.85E-08	3.62E-09	8.76E-08	1.93E-08	2.58E-08	4.09E-08	7.20E-09	5.18E-09	1.90E-07
2226	387402.74, 3750484.85	6.32489	3.08E-04	4.28E-04	1.52E-03	1.07E-07	3.22E-07	1.86E-07	1.86E-07	1.69E-07	7.71E-08	7.71E-08	3.56E-09	8.60E-08	1.90E-08	2.53E-08	4.01E-08	7.07E-09	5.08E-09	1.86E-07
2227	387402.74, 3750509.85	6.18841	3.01E-04	4.19E-04	1.48E-03	1.04E-07	3.15E-07	1.82E-07	1.82E-07	1.65E-07	7.54E-08	7.54E-08	3.48E-09	8.41E-08	1.86E-08	2.48E-08	3.93E-08	6.92E-09	4.97E-09	1.82E-07
2228	387402.74, 3750534.85	6.02026	2.93E-04	4.07E-04	1.44E-03	1.01E-07	3.06E-07	1.77E-07	1.77E-07	1.61E-07	7.34E-08	7.34E-08	3.39E-09	8.18E-08	1.81E-08	2.41E-08	3.82E-08	6.73E-09	4.84E-09	1.77E-07
2229	387402.74, 3750559.85	5.91397	2.88E-04	4.00E-04	1.42E-03	9.97E-08	3.01E-07	1.74E-07	1.74E-07	1.58E-07	7.21E-08	7.21E-08	3.33E-09	8.04E-08	1.77E-08	2.37E-08	3.75E-08	6.61E-09	4.75E-09	1.74E-07
2230	387402.74, 3750584.85	5.80614	2.83E-04	3.93E-04	1.39E-03	9.79E-08	2.95E-07	1.71E-07	1.71E-07	1.55E-07	7.07E-08	7.07E-08	3.27E-09	7.89E-08	1.74E-08	2.32E-08	3.68E-08	6.49E-09	4.67E-09	1.71E-07
2231	387402.74, 3750609.85	5.77968	2.81E-04	3.91E-04	1.39E-03	9.74E-08	2.94E-07	1.70E-07	1.70E-07	1.54E-07	7.04E-08	7.04E-08	3.25E-09	7.86E-08	1.73E-08	2.31E-08	3.67E-08	6.46E-09	4.65E-09	1.70E-07
2232	387402.74, 3750634.85	5.68885	2.77E-04	3.85E-04	1.36E-03	9.59E-08	2.89E-07	1.68E-07	1.68E-07	1.52E-07	6.93E-08	6.93E-08	3.20E-09	7.73E-08	1.71E-08	2.28E-08	3.61E-08	6.36E-09	4.57E-09	1.67E-07
2233	387402.74, 3750659.85	5.60206	2.73E-04	3.79E-04	1.34E-03	9.44E-08	2.85E-07	1.65E-07	1.65E-07	1.50E-07	6.83E-08	6.83E-08	3.15E-09	7.62E-08	1.68E-08	2.24E-08	3.55E-08	6.26E-09	4.50E-09	1.65E-07
2234	387402.74, 3750684.85	5.51223	2.68E-04	3.73E-04	1.32E-03	9.29E-08	2.81E-07	1.62E-07	1.62E-07	1.47E-07	6.72E-08	6.72E-08	3.10E-09	7.49E-08	1.65E-08	2.20E-08	3.50E-08	6.16E-09	4.43E-09	1.62E-07
2235	387402.74, 3750709.85	5.42415	2.64E-04	3.67E-04	1.30E-03	9.14E-08	2.76E-07	1.60E-07	1.60E-07	1.45E-07	6.61E-08	6.61E-08	3.05E-09	7.37E-08	1.63E-08	2.17E-08	3.44E-08	6.07E-09	4.36E-09	1.60E-07
2236	387402.74, 3750734.85	5.33666	2.60E-04	3.61E-04	1.28E-03	8.99E-08	2.72E-07	1.57E-07	1.57E-07	1.43E-07	6.50E-08	6.50E-08	3.00E-09	7.25E-08	1.60E-08	2.13E-08	3.39E-08	5.97E-09	4.29E-09	1.57E-07
2237	387402.74, 3750759.85	5.27009	2.57E-04	3.56E-04	1.26E-03	8.88E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.42E-08	6.42E-08	2.97E-09	7.16E-08	1.58E-08	2.11E-08	3.34E-08	5.89E-09	4.24E-09	1.55E-07
2238	387402.74, 3750784.85	5.18141	2.52E-04	3.50E-04	1.24E-03	8.73E-08	2.64E-07	1.53E-07	1.53E-07	1.38E-07	6.31E-08	6.31E-08	2.92E-09	7.04E-08	1.55E-08	2.07E-08	3.29E-08	5.79E-09	4.16E-09	1.52E-07
2239	387402.74, 3750809.85	5.1014	2.48E-04	3.45E-04	1.22E-03	8.60E-08	2.60E-07	1.50E-07	1.50E-07	1.36E-07	6.22E-08	6.22E-08	2.87E-09	6.94E-08	1.53E-08	2.04E-08	3.24E-08	5.70E-09	4.10E-09	1.50E-07
2240	387402.74, 3750834.85	5.01899	2.44E-04	3.40E-04	1.20E-03	8.46E-08	2.55E-07	1.48E-07	1.48E-07	1.34E-07	6.12E-08	6.12E-08	2.82E-09	6.82E-08	1.51E-08	2.01E-08	3.18E-08	5.61E-09	4.03E-09	1.48E-07
2241	387402.74, 3750859.85	4.93121	2.40E-04	3.34E-04	1.18E-03	8.31E-08	2.51E-07	1.45E-07	1.45E-07	1.32E-07	6.01E-08	6.01E-08	2.78E-09	6.70E-08	1.48E-08	1.97E-08	3.13E-08	5.51E-09	3.96E-09	1.45E-07
2242	387402.74, 3750884.85	4.85541	2.36E-04	3.28E-04	1.16E-03	8.18E-08	2.47E-07	1.43E-07	1.43E-07	1.30E-07	5.92E-08	5.92E-08	2.73E-09	6.60E-08	1.46E-08	1.94E-08	3.08E-08	5.43E-09	3.90E-09	1.43E-07
2243	387402.74, 3750909.85	4.75804	2.32E-04	3.22E-04	1.14E-03	8.02E-08	2.42E-07	1.40E-07	1.40E-07	1.27E-07	5.80E-08	5.80E-08	2.68E-09	6.47E-08	1.43E-08	1.90E-08	3.02E-08	5.32E-09	3.82E-09	1.40E-07
2244	387402.74, 3750934.85	4.6801	2.28E-04	3.17E-04	1.12E-03	7.89E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.70E-08	5.70E-08	2.63E-09	6.36E-08	1.40E-08	1.87E-08	2.97E-08	5.23E-09	3.76E-09	1.38E-07
2245	387402.74, 3750959.85	4.60895	2.24E-04	3.12E-04	1.10E-03	7.77E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.62E-08	5.62E-08	2.59E-09	6.27E-08	1.38E-08	1.84E-08	2.92E-08	5.15E-09	3.70E-09	1.36E-07
2246	387402.74, 3750984.85	4.56673	2.22E-04	3.09E-04	1.09E-03	7.70E-08	2.32E-07	1.35E-07	1.35E-07	1.22E-07	5.56E-08	5.56E-08	2.57E-09	6.21E-08	1.37E-08	1.83E-08	2.90E-08	5.11E-09	3.67E-09	1.34E-07
2247	387402.74, 3751009.85	4.48882	2.19E-04	3.04E-04	1.08E-03	7.57E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.53E-09	6.10E-08	1.35E-08	1.80E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2248	387402.74, 3751034.85	4.42868	2.16E-04	3.00E-04	1.06E-03	7.46E-08	2.25E-07	1.30E-07	1.30E-07	1.18E-07	5.40E-08	5.40E-08	2.49E-09	6.02E-08	1.33E-08	1.77E-08	2.81E-08	4.95E-09	3.56E-09	1.30E-07
2249	387402.74, 3751059.85	4.37133	2.13E-04	2.96E-04	1.05E-03	7.37E-08	2.22E-07	1.29E-07	1.29E-07	1.17E-07	5.33E-08	5.33E-08	2.46E-09	5.94E-08	1.31E-08	1.75E-08	2.77E-08	4.89E-09	3.51E-09	1.29E-07
2250	387402.74, 3751084.85	4.32082	2.10E-04	2.92E-04	1.04E-03	7.28E-08	2.20E-07	1.27E-07	1.27E-07	1.15E-07	5.27E-08	5.27E-08	2.43E-09	5.87E-08	1.30E-08	1.73E-08	2.74E-08	4.83E-09	3.47E-09	1.27E-07
2251	387402.74, 3751109.85	4.243	2.07E-04	2.87E-04	1.02E-03	7.15E-08	2.16E-07	1.25E-07	1.25E-07	1.13E-07	5.17E-08	5.17E-08	2.39E-09	5.77E-08	1.27E-08	1.70E-08	2.69E-08	4.74E-09	3.41E-09	1.25E-07
2252	387402.74, 3751134.85	4.19084	2.04E-04	2.83E-04	1.00E-03	7.06E-08	2.13E-07	1.23E-07	1.23E-07	1.12E-07	5.11E-08	5.11E-08	2.36E-09	5.70E-08	1.26E-08	1.68E-08	2.66E-08	4.69E-09	3.37E-09	1.23E-07
2253	387402.74, 3751159.85	4.13222	2.01E-04	2.80E-04	9.90E-04	6.96E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.04E-08	5.04E-08	2.33E-09	5.62E-08	1.24E-08	1.65E-08	2.62E-08	4.62E-09	3.32E-09	1.22E-07
2254	387402.74, 3751184.85	4.07594	1.98E-04	2.76E-04	9.77E-04	6.87E-08	2.07E-07	1.20E-07	1.20E-07	1.09E-07	4.97E-08	4.97E-08	2.29E-09	5.54E-08	1.22E-08	1.63E-08	2.59E-08	4.56E-09	3.28E-09	1.20E-07
2255	387402.74, 3751209.85	4.01857	1.96E-04	2.72E-04	9.63E-04	6.77E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.90E-08	4.90E-08	2.26E-09	5.46E-08	1.21E-08	1.61E-08	2.55E-08	4.49E-09	3.23E-09	1.18E-07
2256	387402.74, 3751234.85	3.96038	1.93E-04	2.68E-04	9.49E-04	6.67E-08	2.02E-07	1.17E-07	1.17E-07	1.06E-07	4.83E-08	4.83E-08	2.23E-09	5.38E-08	1.19E-08	1.58E-08	2.51E-08	4.43E-09	3.18E-09	1.17E-07
2257	387402.74, 3751259.85	3.9081	1.90E-04	2.64E-04	9.37E-04	6.59E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.37E-09	3.14E-09	1.15E-07
2258	387402.74, 3751284.85	3.85467	1.88E-04	2.61E-04	9.24E-04	6.50E-08	1.96E-07	1.14E-07	1.14E-07	1.03E-07	4.70E-08	4.70E-08	2.17E-09	5.24E-08	1.16E-08	1.54E-08	2.45E-08	4.31E-09	3.10E-09	1.13E-07
2259	387402.74, 3751309.85	3.78924	1.84E-04	2.56E-04	9.08E-04	6.39E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.62E-08	4.62E-08	2.13E-09	5.15E-08	1.14E-08	1.52E-08	2.40E-08	4.24E-09	3.05E-09	1.11E-07
2260	387402.74, 3751334.85	3.73274	1.82E-04	2.52E-04	8.95E-04	6.29E-08	1.90E-07	1.10E-07	1.10E-07	9.97E-08	4.55E-08	4.55E-08	2.10E-09	5.07E-08	1.12E-08	1.49E-08	2.37E-08	4.17E-09	3.00E-09	1.10E-07
2261	387402.74, 3751359.85	3.6795	1.79E-04	2.49E-04	8.82E-04	6.20E-08	1.87E-07	1.08E-07	1.08E-07	9.83E-08	4.48E-08	4.48E-08	2.07E-09	5.00E-08	1.10E-08	1.47E-08	2.33E-08	4.11E-09	2.96E-09	1.08E-07
2262	387402.74, 3751384.85	3.62207	1.76E-04	2.45E-04	8.68E-04	6.10E-08	1.84E-07	1.07E-07	1.07E-07	9.67E-08	4.41E-08	4.41E-08	2.04E-09	4.92E-08	1.09E-08	1.45E-08	2.30E-08	4.05E-09	2.91E-09	1.07E-07
2263	387402.74, 3751409.85	3.57099	1.74E-04	2.42E-04	8.56E-04	6.02E-08	1.82E-07	1.05E-07	1.05E-07	9.54E-08	4.35E-08	4.35E-08	2.01E-09	4.85E-08	1.07E-08	1.43E-08	2.27E-08	3.99E-09	2.87E-09	1.05E-07
2264	387402.74, 3751434.85	3.51312	1.71E-04	2.38E-04	8.42E-04	5.92E-08	1.79E-07	1.03E-07	1.03E-07	9.38E-08	4.28E-08	4.28E-08	1.98E-09	4.78E-08	1.05E-08	1.41E-08	2.23E-08	3.93E-09	2.82E-09	1.03E-07
2265	387402.74, 3751459.85	3.45469	1.68E-04	2.34E-04	8.28E-04	5.82E-08	1.76E-07	1.02E-07	1.02E-07	9.23E-08	4.21E-08	4.21E-08	1.94E-09	4.70E-08	1.04E-08	1.38E-08	2.19E-08	3.86E-09	2.78E-09	1.02E-07
2266	387402.74, 3751484.85	3.39585	1.65E-04	2.30E-04	8.14E-04	5.72E-08	1.73E-07	1.00E-07	1.00E-07	9.07E-08	4.14E-08	4.14E-08	1.91E-09	4.62E-08	1.02E-08	1.36E-08	2.15E-08	3.80E-09	2.73E-09	9.99E-08
2267	387402.74, 3751509.85	3.33674	1.62E-04	2.26E-04	8.00E-04	5.62E-08	1.70E-07	9.83E-08	9.83E-08	8.91E-08	4.07E-08	4.07E-08	1.88E-09	4.54E-08	1.00E-08	1.33E-08	2.12E-08	3.73E-09	2.68E-09	9.82E-08
2268	387402.74, 3751534.85	3.28139	1.60E-04	2.22E-04	7.86E-04	5.53E-08	1.67E-07	9.67E-08	9.67E-08	8.76E-08	4.00E-08	4.00E-08	1.85E-09	4.46E-08	9.84E-09	1.31E-08	2.08E-08	3.67E-09	2.64E-09	9.66E-08
2269	387402.74, 3751559.85	3.22348	1.57E-04	2.18E-04	7.73E-04	5.43E-08	1.64E-07	9.50E-08	9.50E-08	8.61E-08	3.93E-08	3.93E-08	1.81E-09	4.38E-08	9.67E-09	1.29E-08	2.05E-08	3.60E-09	2.59E-09	9.48E-08
2270	387402.74, 3751584.85	3.16537	1.54E-04	2.14E-04	7.59E-04	5.33E-08	1.61E-07	9.32E-08	9.32E-08	8.45E-08	3.86E-08	3.86E-08	1.78E-09	4.30E-08	9.50E-09	1.27E-08	2.01E-08	3.54E-09	2.54E-09	9.31E-08
2271	387402.74, 3751609.85	3.10005	1.51E-04	2.10E-04	7.43E-04	5.22E-08	1.58E-07	9.13E-08	9.13E-08	8.28E-08	3.78E-08	3.78E-08	1.74E-09	4.21E-08	9.30E-09	1.24E-08	1.97E-08	3.47E-09	2.49E-09	9.12E-08

2272	387427.74, 3749409.85	22.88001	1.11E-03	1.55E-03	5.48E-03	3.86E-07	1.16E-06	6.74E-07	6.74E-07	6.11E-07	2.79E-07	2.79E-07	1.29E-08	3.11E-07	6.86E-08	9.15E-08	1.45E-07	2.56E-08	1.84E-08	6.73E-07
2273	387427.74, 3749434.85	20.48198	9.97E-04	1.39E-03	4.91E-03	3.45E-07	1.04E-06	6.03E-07	6.03E-07	5.47E-07	2.50E-07	2.50E-07	1.15E-08	2.78E-07	6.14E-08	8.19E-08	1.30E-07	2.29E-08	1.65E-08	6.03E-07
2274	387427.74, 3749459.85	19.11364	9.31E-04	1.29E-03	4.58E-03	3.22E-07	9.73E-07	5.63E-07	5.63E-07	5.10E-07	2.33E-07	2.33E-07	1.08E-08	2.60E-07	5.73E-08	7.64E-08	1.21E-07	2.14E-08	1.54E-08	5.62E-07
2275	387427.74, 3749484.85	17.72136	8.63E-04	1.20E-03	4.25E-03	2.99E-07	9.02E-07	5.22E-07	5.22E-07	4.73E-07	2.16E-07	2.16E-07	9.97E-09	2.41E-07	5.32E-08	7.09E-08	1.12E-07	1.98E-08	1.42E-08	5.21E-07
2276	387427.74, 3749509.85	16.30404	7.94E-04	1.10E-03	3.91E-03	2.75E-07	8.30E-07	4.80E-07	4.80E-07	4.35E-07	1.99E-07	1.99E-07	9.18E-09	2.22E-07	4.89E-08	6.52E-08	1.03E-07	1.82E-08	1.31E-08	4.80E-07
2277	387427.74, 3749534.85	15.42664	7.51E-04	1.04E-03	3.70E-03	2.60E-07	7.85E-07	4.54E-07	4.54E-07	4.12E-07	1.88E-07	1.88E-07	8.68E-09	2.10E-07	4.63E-08	6.17E-08	9.79E-08	1.73E-08	1.24E-08	4.54E-07
2278	387427.74, 3749559.85	14.66685	7.14E-04	9.92E-04	3.52E-03	2.47E-07	7.46E-07	4.32E-07	4.32E-07	3.92E-07	1.79E-07	1.79E-07	8.25E-09	1.99E-07	4.40E-08	5.87E-08	9.31E-08	1.64E-08	1.18E-08	4.32E-07
2279	387427.74, 3749584.85	13.87568	6.76E-04	9.39E-04	3.33E-03	2.34E-07	7.06E-07	4.09E-07	4.09E-07	3.71E-07	1.69E-07	1.69E-07	7.81E-09	1.89E-07	4.16E-08	5.55E-08	8.80E-08	1.55E-08	1.12E-08	4.08E-07
2280	387427.74, 3749609.85	13.30137	6.48E-04	9.00E-04	3.19E-03	2.24E-07	6.77E-07	3.92E-07	3.92E-07	3.55E-07	1.62E-07	1.62E-07	7.49E-09	1.81E-07	3.99E-08	5.32E-08	8.44E-08	1.49E-08	1.07E-08	3.91E-07
2281	387427.74, 3749634.85	12.6081	6.14E-04	8.53E-04	3.02E-03	2.12E-07	6.42E-07	3.71E-07	3.71E-07	3.37E-07	1.54E-07	1.54E-07	7.10E-09	1.71E-07	3.78E-08	5.04E-08	8.00E-08	1.41E-08	1.01E-08	3.71E-07
2282	387427.74, 3749659.85	12.12955	5.91E-04	8.20E-04	2.91E-03	2.04E-07	6.17E-07	3.57E-07	3.57E-07	3.24E-07	1.48E-07	1.48E-07	6.83E-09	1.65E-07	3.64E-08	4.85E-08	7.70E-08	1.36E-08	9.75E-09	3.57E-07
2283	387427.74, 3749684.85	11.53906	5.62E-04	7.81E-04	2.77E-03	1.94E-07	5.87E-07	3.40E-07	3.40E-07	3.08E-07	1.41E-07	1.41E-07	6.49E-09	1.57E-07	3.46E-08	4.62E-08	7.32E-08	1.29E-08	9.27E-09	3.40E-07
2284	387427.74, 3749709.85	11.01524	5.36E-04	7.45E-04	2.64E-03	1.86E-07	5.61E-07	3.25E-07	3.25E-07	2.94E-07	1.34E-07	1.34E-07	6.20E-09	1.50E-07	3.30E-08	4.41E-08	6.99E-08	1.23E-08	8.85E-09	3.24E-07
2285	387427.74, 3749734.85	10.59541	5.16E-04	7.17E-04	2.54E-03	1.79E-07	5.39E-07	3.12E-07	3.12E-07	2.83E-07	1.29E-07	1.29E-07	5.96E-09	1.44E-07	3.18E-08	4.24E-08	6.72E-08	1.18E-08	8.52E-09	3.12E-07
2286	387427.74, 3749759.85	10.18943	4.96E-04	6.89E-04	2.44E-03	1.72E-07	5.19E-07	3.00E-07	3.00E-07	2.72E-07	1.24E-07	1.24E-07	5.73E-09	1.39E-07	3.06E-08	4.08E-08	6.47E-08	1.14E-08	8.19E-09	3.00E-07
2287	387427.74, 3749784.85	9.85645	4.80E-04	6.67E-04	2.36E-03	1.66E-07	5.02E-07	2.90E-07	2.90E-07	2.63E-07	1.20E-07	1.20E-07	5.55E-09	1.34E-07	2.96E-08	3.94E-08	6.25E-08	1.10E-08	7.92E-09	2.90E-07
2288	387427.74, 3749809.85	9.57595	4.66E-04	6.48E-04	2.30E-03	1.61E-07	4.87E-07	2.82E-07	2.82E-07	2.56E-07	1.17E-07	1.17E-07	5.39E-09	1.30E-07	2.87E-08	3.83E-08	6.08E-08	1.07E-08	7.70E-09	2.82E-07
2289	387427.74, 3749834.85	9.23324	4.50E-04	6.25E-04	2.21E-03	1.56E-07	4.70E-07	2.72E-07	2.72E-07	2.47E-07	1.13E-07	1.13E-07	5.20E-09	1.26E-07	2.77E-08	3.69E-08	5.86E-08	1.03E-08	7.42E-09	2.72E-07
2290	387427.74, 3749859.85	9.01431	4.39E-04	6.10E-04	2.16E-03	1.52E-07	4.59E-07	2.66E-07	2.66E-07	2.41E-07	1.10E-07	1.10E-07	5.07E-09	1.23E-07	2.70E-08	3.61E-08	5.72E-08	1.01E-08	7.25E-09	2.65E-07
2291	387427.74, 3749884.85	8.85266	4.31E-04	5.99E-04	2.12E-03	1.49E-07	4.50E-07	2.61E-07	2.61E-07	2.36E-07	1.08E-07	1.08E-07	4.98E-09	1.20E-07	2.66E-08	3.54E-08	5.62E-08	9.90E-09	7.12E-09	2.60E-07
2292	387427.74, 3749909.85	8.58274	4.18E-04	5.81E-04	2.06E-03	1.45E-07	4.37E-07	2.53E-07	2.53E-07	2.29E-07	1.05E-07	1.05E-07	4.83E-09	1.17E-07	2.57E-08	3.43E-08	5.45E-08	9.60E-09	6.90E-09	2.53E-07
2293	387427.74, 3749934.85	8.2764	4.03E-04	5.60E-04	1.98E-03	1.39E-07	4.21E-07	2.44E-07	2.44E-07	2.21E-07	1.01E-07	1.01E-07	4.66E-09	1.13E-07	2.48E-08	3.31E-08	5.25E-08	9.26E-09	6.65E-09	2.44E-07
2294	387427.74, 3749959.85	8.20277	3.99E-04	5.55E-04	1.97E-03	1.38E-07	4.17E-07	2.42E-07	2.42E-07	2.19E-07	1.00E-07	1.00E-07	4.62E-09	1.12E-07	2.46E-08	3.28E-08	5.20E-08	9.17E-09	6.59E-09	2.41E-07
2295	387427.74, 3749984.85	8.05708	3.92E-04	5.45E-04	1.93E-03	1.36E-07	4.10E-07	2.37E-07	2.37E-07	2.15E-07	9.82E-08	9.82E-08	4.53E-09	1.10E-07	2.42E-08	3.22E-08	5.11E-08	9.01E-09	6.48E-09	2.37E-07
2296	387427.74, 3750009.85	7.85459	3.82E-04	5.31E-04	1.88E-03	1.32E-07	4.00E-07	2.31E-07	2.31E-07	2.10E-07	9.57E-08	9.57E-08	4.42E-09	1.07E-07	2.36E-08	3.14E-08	4.98E-08	8.78E-09	6.31E-09	2.31E-07
2297	387427.74, 3750034.85	7.6386	3.72E-04	5.17E-04	1.83E-03	1.29E-07	3.89E-07	2.25E-07	2.25E-07	2.04E-07	9.31E-08	9.31E-08	4.30E-09	1.04E-07	2.29E-08	3.06E-08	4.85E-08	8.54E-09	6.14E-09	2.25E-07
2298	387427.74, 3750059.85	7.50332	3.65E-04	5.08E-04	1.80E-03	1.26E-07	3.82E-07	2.21E-07	2.21E-07	2.00E-07	9.14E-08	9.14E-08	4.22E-09	1.02E-07	2.25E-08	3.00E-08	4.76E-08	8.39E-09	6.03E-09	2.21E-07
2299	387427.74, 3750084.85	7.32543	3.57E-04	4.96E-04	1.76E-03	1.23E-07	3.73E-07	2.16E-07	2.16E-07	1.96E-07	8.93E-08	8.93E-08	4.12E-09	9.96E-08	2.20E-08	2.93E-08	4.65E-08	8.19E-09	5.89E-09	2.16E-07
2300	387427.74, 3750109.85	7.23202	3.52E-04	4.89E-04	1.73E-03	1.22E-07	3.68E-07	2.13E-07	2.13E-07	1.93E-07	8.81E-08	8.81E-08	4.07E-09	9.83E-08	2.17E-08	2.89E-08	4.59E-08	8.09E-09	5.81E-09	2.13E-07
2301	387427.74, 3750134.85	7.09736	3.46E-04	4.80E-04	1.70E-03	1.20E-07	3.61E-07	2.09E-07	2.09E-07	1.90E-07	8.65E-08	8.65E-08	3.99E-09	9.65E-08	2.13E-08	2.84E-08	4.50E-08	7.94E-09	5.70E-09	2.09E-07
2302	387427.74, 3750159.85	6.95533	3.39E-04	4.70E-04	1.67E-03	1.17E-07	3.54E-07	2.05E-07	2.05E-07	1.86E-07	8.48E-08	8.48E-08	3.91E-09	9.46E-08	2.09E-08	2.78E-08	4.41E-08	7.78E-09	5.59E-09	2.05E-07
2303	387427.74, 3750184.85	6.80578	3.31E-04	4.60E-04	1.63E-03	1.15E-07	3.46E-07	2.00E-07	2.00E-07	1.82E-07	8.29E-08	8.29E-08	3.83E-09	9.25E-08	2.04E-08	2.72E-08	4.32E-08	7.61E-09	5.47E-09	2.00E-07
2304	387427.74, 3750209.85	6.64169	3.23E-04	4.49E-04	1.59E-03	1.12E-07	3.38E-07	1.96E-07	1.96E-07	1.77E-07	8.09E-08	8.09E-08	3.74E-09	9.03E-08	1.99E-08	2.66E-08	4.21E-08	7.43E-09	5.34E-09	1.95E-07
2305	387427.74, 3750234.85	6.49913	3.16E-04	4.40E-04	1.56E-03	1.10E-07	3.31E-07	1.91E-07	1.91E-07	1.74E-07	7.92E-08	7.92E-08	3.66E-09	8.84E-08	1.95E-08	2.60E-08	4.12E-08	7.27E-09	5.22E-09	1.91E-07
2306	387427.74, 3750259.85	6.3803	3.11E-04	4.32E-04	1.53E-03	1.08E-07	3.25E-07	1.88E-07	1.88E-07	1.70E-07	7.77E-08	7.77E-08	3.59E-09	8.67E-08	1.91E-08	2.55E-08	4.05E-08	7.13E-09	5.13E-09	1.88E-07
2307	387427.74, 3750284.85	6.25462	3.05E-04	4.23E-04	1.50E-03	1.05E-07	3.18E-07	1.84E-07	1.84E-07	1.67E-07	7.62E-08	7.62E-08	3.52E-09	8.50E-08	1.88E-08	2.50E-08	3.97E-08	6.99E-09	5.03E-09	1.84E-07
2308	387427.74, 3750309.85	6.155	3.00E-04	4.16E-04	1.48E-03	1.04E-07	3.13E-07	1.81E-07	1.81E-07	1.64E-07	7.50E-08	7.50E-08	3.46E-09	8.37E-08	1.85E-08	2.46E-08	3.91E-08	6.88E-09	4.95E-09	1.81E-07
2309	387427.74, 3750334.85	6.05229	2.95E-04	4.09E-04	1.45E-03	1.02E-07	3.08E-07	1.78E-07	1.78E-07	1.62E-07	7.37E-08	7.37E-08	3.41E-09	8.23E-08	1.82E-08	2.42E-08	3.84E-08	6.77E-09	4.86E-09	1.78E-07
2310	387427.74, 3750359.85	5.96155	2.90E-04	4.03E-04	1.43E-03	1.00E-07	3.03E-07	1.76E-07	1.76E-07	1.59E-07	7.26E-08	7.26E-08	3.36E-09	8.10E-08	1.79E-08	2.38E-08	3.78E-08	6.67E-09	4.79E-09	1.75E-07
2311	387427.74, 3750384.85	5.84924	2.85E-04	3.96E-04	1.40E-03	9.86E-08	2.98E-07	1.72E-07	1.72E-07	1.56E-07	7.13E-08	7.13E-08	3.29E-09	7.95E-08	1.75E-08	2.34E-08	3.71E-08	6.54E-09	4.70E-09	1.72E-07
2312	387427.74, 3750409.85	5.74884	2.80E-04	3.89E-04	1.38E-03	9.69E-08	2.93E-07	1.69E-07	1.69E-07	1.54E-07	7.01E-08	7.01E-08	3.24E-09	7.82E-08	1.72E-08	2.30E-08	3.65E-08	6.43E-09	4.62E-09	1.69E-07
2313	387427.74, 3750434.85	5.65855	2.76E-04	3.83E-04	1.36E-03	9.54E-08	2.88E-07	1.67E-07	1.67E-07	1.51E-07	6.90E-08	6.90E-08	3.18E-09	7.69E-08	1.70E-08	2.26E-08	3.59E-08	6.33E-09	4.55E-09	1.66E-07
2314	387427.74, 3750459.85	5.58158	2.72E-04	3.78E-04	1.34E-03	9.41E-08	2.84E-07	1.64E-07	1.64E-07	1.49E-07	6.80E-08	6.80E-08	3.14E-09	7.59E-08	1.67E-08	2.23E-08	3.54E-08	6.24E-09	4.49E-09	1.64E-07
2315	387427.74, 3750484.85	5.49822	2.68E-04	3.72E-04	1.32E-03	9.27E-08	2.80E-07	1.62E-07	1.62E-07	1.47E-07	6.70E-08	6.70E-08	3.09E-09	7.47E-08	1.65E-08	2.20E-08	3.49E-08	6.15E-09	4.42E-09	1.62E-07
2316	387427.74, 3750509.85	5.4204	2.64E-04	3.67E-04	1.30E-03	9.14E-08	2.76E-07	1.60E-07	1.60E-07	1.45E-07	6.60E-08	6.60E-08	3.05E-09	7.37E-08	1.63E-08	2.17E-08	3.44E-08	6.06E-09	4.36E-09	1.59E-07
2317	387427.74, 3750534.85	5.33407	2.60E-04	3.61E-04	1.28E-03	8.99E-08	2.71E-07	1.57E-07	1.57E-07	1.42E-07	6.50E-08	6.50E-08	3.00E-09	7.25E-08	1.60E-08	2.13E-08	3.38E-08	5.96E-09	4.29E-09	1.57E-07
2318	387427.74, 3750559.85	5.26823	2.56E-04	3.56E-04	1.26E-03	8.88E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.42E-08	6.42E-08	2.96E-09	7.16E-08	1.58E-08	2.11E-08	3.34E-08	5.89E-09	4.23E-09	1.55E-07
2319	387427.74, 3750584.85	5.16703	2.52E-04	3.50E-04	1.24E-03	8.71E-08	2.63E-07	1.52E-07	1.52E-07	1.38E-07	6.30E-08	6.30E-08	2.91E-09	7.02E-08	1.55E-08	2.07E-08	3.28E-08	5.78E-09	4.15E-09	1.52E-07
2320	387427.74, 3750609.85	5.08818	2.48E-04	3.44E-04	1.22E-03	8.58E-08	2.59E-07	1.50E-07	1.50E-07	1.36E-07	6.20E-08	6.20E-08	2.86E-09	6.92E-08	1.53E-08	2.04E-08	3.23E-08	5.69E-09	4.09E-09	1.50E-07
2321	387427.74, 3750634.85	5.01792	2.44E-04	3.39E-04	1.20E-03	8.46E-08	2.55E-07	1.48E-07	1.48E-07	1.34E-07	6.11E-08	6.11E-08	2.82E-09	6.82E-08	1.51E-08	2.01E-08	3.18E-08	5.61E-09	4.03E-09	1.48E-07
2322	387427.74, 3750659.85	4.93425	2.40E-04	3.34E-04	1.18E-03	8.32E-08	2.51E-07	1.45E-07	1.45E-07	1.32E-07	6.01E-08	6.01E-08	2.78E-09	6.71E-08	1.48E-08	1.97E-08	3.13E-08	5.52E-09	3.97E-09	1.45E-07
2323	387427.74, 3750684.85	4.86394	2.37E-04	3.29E-04	1.17E-03	8.20E-08	2.48E-07	1.43E-07	1.43E-07	1.30E-07	5.93E-08	5.93E-08	2.74E-09	6.61E-08	1.46E-08	1.95E-08	3.09E-08	5.44E-09	3.91E-09	1.43E-07
2324	387427.74, 3750709.85	4.80634	2.34E-04	3.25E-04	1.15E-03	8.10E-08	2.45E-07	1.42E-07	1.42E-07	1.28E-07	5.86E-08	5.86E-08	2.71E-09	6.53E-08	1.44E-08	1.92E-08	3.05E-08	5.37E-09	3.86E-09	1.41E-07
2325	387427.74, 3750734.85	4.73159	2.30E-04	3.20E-04	1.13E-03	7.97E-08	2.41E-07	1.39E-07	1.39E-07	1.26E-07	5.77E-08	5.77E-08	2.66E-09	6.43E-08	1.42E-08	1.89E-08	3.00E-08	5.29E-09	3.80E-09	1.39E-07
2326	387427.74, 3750759.85	4.67267	2.28E-04	3.16E-04	1.12E-03	7.88E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.69E-08	5.69E-08	2.63E-09	6.35E-08	1.40E-08	1.87E-08	2.96E-08	5.23E-09	3.76E-09	1.37E-07
2327	387427.74, 3750784.85	4.61676	2.25E-04	3.12E-04	1.11E-03	7.78E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.63E-08	5.63E-08	2.60E-09	6.28E-08	1.38E-08	1.85E-08	2.93E-08	5.16E-09	3.71E-09	1.36E-07
2328	387427.74, 3750809.85	4.54801	2.21E-04	3.08E-04	1.09E-03	7.67E-08	2.31E-07	1.34E-07	1.34E-07	1.21E-07	5.54E-08	5.54E-08	2.56E-09	6.18E-08	1.36E-08	1.82E-08	2.89E-08	5.09E-09	3.66E-09	1.34E-07
2329	387427.74, 3750834.85	4.48584	2.18E-04	3.03E-04	1.08E-03	7.56E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.52E-09	6.10E-08	1.35E-08	1.79E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2330	387427.74, 3750859.85	4.41318	2.15E-04	2.99E-04	1.06E-03	7.44E-08	2.25E-07	1.30E-07	1.30E-07	1.18E-07	5.38E-08	5.38E-08	2.48E-09	6.00E-08	1.32E-08	1.77E-08	2.80E-08	4.94E-09	3.55E-09	1.30E-07
2331	387427.74, 3750884.85	4.35046	2.12E-04	2.94E-04	1.04E-03	7.33E-08	2.21E-07	1.28E-07	1.28E-07	1.16E-07	5.30E-08	5.30E-08	2.45E-09	5.91E-08	1.31E-08	1.74E-08	2.76E-08	4.86E-09	3.50E-09	1.28E-07
2332	387427.74, 3750909.85	4.26891	2.08E-04	2.89E-04	1.02E-03	7.19E-08	2.17E-07	1.26E-07	1.26E-07	1.14E-07	5.20E-08	5.20E-08	2.40E-09	5.80E-08	1.28E-08	1.71E-08	2.71E-08	4.77E-09	3.43E-09	1.26E-07
2333	387427.74, 3750934.85	4.21032	2.05E-04	2.85E-04	1.01E-03	7.10E-08	2.14E-07	1.24E-07	1.24E-07	1.12E-07	5.13E-08	5.13E-08	2.37E-09	5.72E-08	1.26E-08	1.68E-08	2.67E-08	4.71E-09	3.38E-09	1.24E-07
2334	387427.74, 3750959.85	4.14842	2.02E-04	2.81E-04	9.94E-04	6.99E-08	2.11E-07	1.22E-07	1.22E-07	1.11E-07	5.05E-08	5.05E-08	2.33E-09	5.64E-08	1.24E-08	1.66E-08	2.63E-08	4.64E-09	3.33E-09	1.22E-07
2335	387427.74, 3750984.85	4.12527	2.01E-04	2.79E-04	9.89E-04	6.95E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.61E-08	1.24E-08	1.65E-08	2.62E-08	4.61E-09	3.32E-09	1.21E-07
2336	387427.74, 3751009.85	4.06245	1.98E-04	2.75E-04	9.74E-04	6.85E-08	2.07E-07	1.20E-07	1.20E-07	1.08E-07	4.95E-08	4.95E-08	2.29E-09	5.52E-08	1.22E-08	1.62E-08	2.58E-08	4.54E-09	3.27E-09	1.20E-07

2337	387427.74, 3751034.85	4.01803	1.96E-04	2.72E-04	9.63E-04	6.77E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.90E-08	4.90E-08	2.26E-09	5.46E-08	1.21E-08	1.61E-08	2.55E-08	4.49E-09	3.23E-09	1.18E-07
2338	387427.74, 3751059.85	3.96137	1.93E-04	2.68E-04	9.49E-04	6.68E-08	2.02E-07	1.17E-07	1.17E-07	1.06E-07	4.83E-08	4.83E-08	2.23E-09	5.39E-08	1.19E-08	1.58E-08	2.51E-08	4.43E-09	3.18E-09	1.17E-07
2339	387427.74, 3751084.85	3.90457	1.90E-04	2.64E-04	9.36E-04	6.58E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.37E-09	3.14E-09	1.15E-07
2340	387427.74, 3751109.85	3.85824	1.88E-04	2.61E-04	9.25E-04	6.50E-08	1.96E-07	1.14E-07	1.14E-07	1.03E-07	4.70E-08	4.70E-08	2.17E-09	5.25E-08	1.16E-08	1.54E-08	2.45E-08	4.31E-09	3.10E-09	1.14E-07
2341	387427.74, 3751134.85	3.81389	1.86E-04	2.58E-04	9.14E-04	6.43E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.65E-08	4.65E-08	2.15E-09	5.18E-08	1.14E-08	1.53E-08	2.42E-08	4.26E-09	3.07E-09	1.12E-07
2342	387427.74, 3751159.85	3.76115	1.83E-04	2.54E-04	9.01E-04	6.34E-08	1.91E-07	1.11E-07	1.11E-07	1.00E-07	4.58E-08	4.58E-08	2.12E-09	5.11E-08	1.13E-08	1.50E-08	2.39E-08	4.21E-09	3.02E-09	1.11E-07
2343	387427.74, 3751184.85	3.70886	1.81E-04	2.51E-04	8.89E-04	6.25E-08	1.89E-07	1.09E-07	1.09E-07	9.90E-08	4.52E-08	4.52E-08	2.09E-09	5.04E-08	1.11E-08	1.48E-08	2.35E-08	4.15E-09	2.98E-09	1.09E-07
2344	387427.74, 3751209.85	3.6597	1.78E-04	2.48E-04	8.77E-04	6.17E-08	1.86E-07	1.08E-07	1.08E-07	9.77E-08	4.46E-08	4.46E-08	2.06E-09	4.98E-08	1.10E-08	1.46E-08	2.32E-08	4.09E-09	2.94E-09	1.08E-07
2345	387427.74, 3751234.85	3.6119	1.76E-04	2.44E-04	8.66E-04	6.09E-08	1.84E-07	1.06E-07	1.06E-07	9.65E-08	4.40E-08	4.40E-08	2.03E-09	4.91E-08	1.08E-08	1.44E-08	2.29E-08	4.04E-09	2.90E-09	1.06E-07
2346	387427.74, 3751259.85	3.56211	1.73E-04	2.41E-04	8.54E-04	6.00E-08	1.81E-07	1.05E-07	1.05E-07	9.51E-08	4.34E-08	4.34E-08	2.00E-09	4.84E-08	1.07E-08	1.42E-08	2.26E-08	3.98E-09	2.86E-09	1.05E-07
2347	387427.74, 3751284.85	3.5146	1.71E-04	2.38E-04	8.42E-04	5.92E-08	1.79E-07	1.04E-07	1.04E-07	9.39E-08	4.28E-08	4.28E-08	1.98E-09	4.78E-08	1.05E-08	1.41E-08	2.23E-08	3.93E-09	2.82E-09	1.03E-07
2348	387427.74, 3751309.85	3.46153	1.69E-04	2.34E-04	8.30E-04	5.83E-08	1.76E-07	1.02E-07	1.02E-07	9.24E-08	4.22E-08	4.22E-08	1.95E-09	4.71E-08	1.04E-08	1.38E-08	2.20E-08	3.87E-09	2.78E-09	1.02E-07
2349	387427.74, 3751334.85	3.4108	1.66E-04	2.31E-04	8.18E-04	5.75E-08	1.74E-07	1.00E-07	1.00E-07	9.11E-08	4.16E-08	4.16E-08	1.92E-09	4.64E-08	1.02E-08	1.36E-08	2.16E-08	3.81E-09	2.74E-09	1.00E-07
2350	387427.74, 3751359.85	3.35867	1.64E-04	2.27E-04	8.05E-04	5.66E-08	1.71E-07	9.89E-08	9.89E-08	8.97E-08	4.09E-08	4.09E-08	1.89E-09	4.57E-08	1.01E-08	1.34E-08	2.13E-08	3.76E-09	2.70E-09	9.88E-08
2351	387427.74, 3751384.85	3.3102	1.61E-04	2.24E-04	7.93E-04	5.58E-08	1.68E-07	9.75E-08	9.75E-08	8.84E-08	4.03E-08	4.03E-08	1.86E-09	4.50E-08	9.93E-09	1.32E-08	2.10E-08	3.70E-09	2.66E-09	9.74E-08
2352	387427.74, 3751409.85	3.26328	1.59E-04	2.21E-04	7.82E-04	5.50E-08	1.66E-07	9.61E-08	9.61E-08	8.71E-08	3.98E-08	3.98E-08	1.84E-09	4.44E-08	9.79E-09	1.31E-08	2.07E-08	3.65E-09	2.62E-09	9.60E-08
2353	387452.74, 3749184.85	25.37582	1.24E-03	1.72E-03	6.08E-03	4.28E-07	1.29E-06	7.48E-07	7.48E-07	6.78E-07	3.09E-07	3.09E-07	1.43E-08	3.45E-07	7.61E-08	1.01E-07	1.61E-07	2.84E-08	2.04E-08	7.47E-07
2354	387452.74, 3749209.85	23.02546	1.12E-03	1.56E-03	5.52E-03	3.88E-07	1.17E-06	6.78E-07	6.78E-07	6.15E-07	2.81E-07	2.81E-07	1.30E-08	3.13E-07	6.91E-08	9.21E-08	1.46E-07	2.57E-08	1.85E-08	6.78E-07
2355	387452.74, 3749234.85	21.0921	1.03E-03	1.43E-03	5.06E-03	3.55E-07	1.07E-06	6.21E-07	6.21E-07	5.63E-07	2.57E-07	2.57E-07	1.19E-08	2.87E-07	6.33E-08	8.44E-08	1.34E-07	2.36E-08	1.70E-08	6.21E-07
2356	387452.74, 3749259.85	19.69272	9.59E-04	1.33E-03	4.72E-03	3.32E-07	1.00E-06	5.80E-07	5.80E-07	5.26E-07	2.40E-07	2.40E-07	1.11E-08	2.68E-07	5.91E-08	7.88E-08	1.25E-07	2.20E-08	1.58E-08	5.79E-07
2357	387452.74, 3749284.85	18.30631	8.91E-04	1.24E-03	4.39E-03	3.09E-07	9.32E-07	5.39E-07	5.39E-07	4.89E-07	2.23E-07	2.23E-07	1.03E-08	2.49E-07	5.49E-08	7.32E-08	1.16E-07	2.05E-08	1.47E-08	5.39E-07
2358	387452.74, 3749309.85	17.02941	8.29E-04	1.15E-03	4.08E-03	2.87E-07	8.67E-07	5.02E-07	5.02E-07	4.55E-07	2.08E-07	2.08E-07	9.58E-09	2.32E-07	5.11E-08	6.81E-08	1.08E-07	1.90E-08	1.37E-08	5.01E-07
2359	387452.74, 3749334.85	15.92491	7.75E-04	1.08E-03	3.82E-03	2.68E-07	8.10E-07	4.69E-07	4.69E-07	4.25E-07	1.94E-07	1.94E-07	8.96E-09	2.16E-07	4.78E-08	6.37E-08	1.01E-07	1.78E-08	1.28E-08	4.69E-07
2360	387452.74, 3749359.85	14.85603	7.23E-04	1.00E-03	3.56E-03	2.50E-07	7.56E-07	4.38E-07	4.38E-07	3.97E-07	1.81E-07	1.81E-07	8.36E-09	2.02E-07	4.46E-08	5.94E-08	9.43E-08	1.66E-08	1.19E-08	4.37E-07
2361	387452.74, 3749384.85	14.00455	6.82E-04	9.47E-04	3.36E-03	2.36E-07	7.13E-07	4.13E-07	4.13E-07	3.74E-07	1.71E-07	1.71E-07	7.88E-09	1.90E-07	4.20E-08	5.60E-08	8.89E-08	1.57E-08	1.13E-08	4.12E-07
2362	387452.74, 3749409.85	13.58064	6.61E-04	9.19E-04	3.26E-03	2.29E-07	6.91E-07	4.00E-07	4.00E-07	3.63E-07	1.65E-07	1.65E-07	7.64E-09	1.85E-07	4.07E-08	5.43E-08	8.62E-08	1.52E-08	1.09E-08	4.00E-07
2363	387452.74, 3749434.85	12.89396	6.28E-04	8.72E-04	3.09E-03	2.17E-07	6.56E-07	3.80E-07	3.80E-07	3.44E-07	1.57E-07	1.57E-07	7.26E-09	1.75E-07	3.87E-08	5.16E-08	8.18E-08	1.44E-08	1.04E-08	3.79E-07
2364	387452.74, 3749459.85	12.40062	6.04E-04	8.39E-04	2.97E-03	2.09E-07	6.31E-07	3.65E-07	3.65E-07	3.31E-07	1.51E-07	1.51E-07	6.98E-09	1.69E-07	3.72E-08	4.96E-08	7.87E-08	1.39E-08	9.97E-09	3.65E-07
2365	387452.74, 3749484.85	11.88648	5.79E-04	8.04E-04	2.85E-03	2.00E-07	6.05E-07	3.50E-07	3.50E-07	3.17E-07	1.45E-07	1.45E-07	6.69E-09	1.62E-07	3.57E-08	4.75E-08	7.54E-08	1.33E-08	9.55E-09	3.50E-07
2366	387452.74, 3749509.85	11.46611	5.58E-04	7.76E-04	2.75E-03	1.93E-07	5.83E-07	3.38E-07	3.38E-07	3.06E-07	1.40E-07	1.40E-07	6.45E-09	1.56E-07	3.44E-08	4.59E-08	7.28E-08	1.28E-08	9.22E-09	3.37E-07
2367	387452.74, 3749534.85	10.9344	5.32E-04	7.40E-04	2.62E-03	1.84E-07	5.56E-07	3.22E-07	3.22E-07	2.92E-07	1.33E-07	1.33E-07	6.15E-09	1.49E-07	3.28E-08	4.37E-08	6.94E-08	1.22E-08	8.79E-09	3.22E-07
2368	387452.74, 3749559.85	10.53174	5.13E-04	7.12E-04	2.52E-03	1.78E-07	5.36E-07	3.10E-07	3.10E-07	2.81E-07	1.28E-07	1.28E-07	5.93E-09	1.43E-07	3.16E-08	4.21E-08	6.68E-08	1.18E-08	8.46E-09	3.10E-07
2369	387452.74, 3749584.85	10.17491	4.95E-04	6.88E-04	2.44E-03	1.71E-07	5.18E-07	3.00E-07	3.00E-07	2.72E-07	1.24E-07	1.24E-07	5.73E-09	1.38E-07	3.05E-08	4.07E-08	6.46E-08	1.14E-08	8.18E-09	2.99E-07
2370	387452.74, 3749609.85	9.79322	4.77E-04	6.62E-04	2.35E-03	1.65E-07	4.98E-07	2.89E-07	2.89E-07	2.62E-07	1.19E-07	1.19E-07	5.51E-09	1.33E-07	2.94E-08	3.92E-08	6.21E-08	1.10E-08	7.87E-09	2.88E-07
2371	387452.74, 3749634.85	9.52202	4.64E-04	6.44E-04	2.28E-03	1.60E-07	4.85E-07	2.81E-07	2.81E-07	2.54E-07	1.16E-07	1.16E-07	5.36E-09	1.29E-07	2.86E-08	3.81E-08	6.04E-08	1.06E-08	7.65E-09	2.80E-07
2372	387452.74, 3749659.85	9.25419	4.51E-04	6.26E-04	2.22E-03	1.56E-07	4.71E-07	2.73E-07	2.73E-07	2.47E-07	1.13E-07	1.13E-07	5.21E-09	1.26E-07	2.78E-08	3.70E-08	5.87E-08	1.03E-08	7.44E-09	2.72E-07
2373	387452.74, 3749684.85	8.91996	4.34E-04	6.03E-04	2.14E-03	1.50E-07	4.54E-07	2.63E-07	2.63E-07	2.38E-07	1.09E-07	1.09E-07	5.02E-09	1.21E-07	2.68E-08	3.57E-08	5.66E-08	9.97E-09	7.17E-09	2.62E-07
2374	387452.74, 3749709.85	8.67655	4.22E-04	5.87E-04	2.08E-03	1.46E-07	4.42E-07	2.56E-07	2.56E-07	2.32E-07	1.06E-07	1.06E-07	4.88E-09	1.18E-07	2.60E-08	3.47E-08	5.51E-08	9.70E-09	6.97E-09	2.55E-07
2375	387452.74, 3749734.85	8.42814	4.10E-04	5.70E-04	2.02E-03	1.42E-07	4.29E-07	2.48E-07	2.48E-07	2.25E-07	1.03E-07	1.03E-07	4.74E-09	1.15E-07	2.53E-08	3.37E-08	5.35E-08	9.42E-09	6.77E-09	2.48E-07
2376	387452.74, 3749759.85	8.18112	3.98E-04	5.53E-04	1.96E-03	1.38E-07	4.16E-07	2.41E-07	2.41E-07	2.18E-07	9.97E-08	9.97E-08	4.60E-09	1.11E-07	2.45E-08	3.27E-08	5.19E-08	9.15E-09	6.58E-09	2.41E-07
2377	387452.74, 3749784.85	7.95904	3.88E-04	5.38E-04	1.91E-03	1.34E-07	4.05E-07	2.34E-07	2.34E-07	2.13E-07	9.70E-08	9.70E-08	4.48E-09	1.08E-07	2.39E-08	3.18E-08	5.05E-08	8.90E-09	6.40E-09	2.34E-07
2378	387452.74, 3749809.85	7.76162	3.78E-04	5.25E-04	1.86E-03	1.31E-07	3.95E-07	2.29E-07	2.29E-07	2.07E-07	9.46E-08	9.46E-08	4.37E-09	1.06E-07	2.33E-08	3.10E-08	4.92E-08	8.68E-09	6.24E-09	2.28E-07
2379	387452.74, 3749834.85	7.57355	3.69E-04	5.12E-04	1.82E-03	1.28E-07	3.85E-07	2.23E-07	2.23E-07	2.02E-07	9.23E-08	9.23E-08	4.26E-09	1.03E-07	2.27E-08	3.03E-08	4.81E-08	8.47E-09	6.09E-09	2.23E-07
2380	387452.74, 3749859.85	7.42308	3.61E-04	5.02E-04	1.78E-03	1.25E-07	3.78E-07	2.19E-07	2.19E-07	1.98E-07	9.05E-08	9.05E-08	4.18E-09	1.01E-07	2.23E-08	2.97E-08	4.71E-08	8.30E-09	5.97E-09	2.18E-07
2381	387452.74, 3749884.85	7.28808	3.55E-04	4.93E-04	1.75E-03	1.23E-07	3.71E-07	2.15E-07	2.15E-07	1.95E-07	8.88E-08	8.88E-08	4.10E-09	9.91E-08	2.19E-08	2.92E-08	4.62E-08	8.15E-09	5.86E-09	2.14E-07
2382	387452.74, 3749909.85	7.11888	3.47E-04	4.82E-04	1.71E-03	1.20E-07	3.62E-07	2.10E-07	2.10E-07	1.90E-07	8.67E-08	8.67E-08	4.01E-09	9.68E-08	2.14E-08	2.85E-08	4.52E-08	7.96E-09	5.72E-09	2.09E-07
2383	387452.74, 3749934.85	6.87467	3.35E-04	4.65E-04	1.65E-03	1.16E-07	3.50E-07	2.03E-07	2.03E-07	1.84E-07	8.38E-08	8.38E-08	3.87E-09	9.35E-08	2.06E-08	2.75E-08	4.36E-08	7.69E-09	5.53E-09	2.02E-07
2384	387452.74, 3749959.85	6.81734	3.32E-04	4.61E-04	1.63E-03	1.15E-07	3.47E-07	2.01E-07	2.01E-07	1.82E-07	8.31E-08	8.31E-08	3.84E-09	9.27E-08	2.05E-08	2.73E-08	4.33E-08	7.62E-09	5.48E-09	2.01E-07
2385	387452.74, 3749984.85	6.72983	3.28E-04	4.55E-04	1.61E-03	1.13E-07	3.42E-07	1.98E-07	1.98E-07	1.80E-07	8.20E-08	8.20E-08	3.79E-09	9.15E-08	2.02E-08	2.69E-08	4.27E-08	7.53E-09	5.41E-09	1.98E-07
2386	387452.74, 3750009.85	6.52993	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.96E-08	7.96E-08	3.68E-09	8.88E-08	1.96E-08	2.61E-08	4.14E-08	7.30E-09	5.25E-09	1.92E-07
2387	387452.74, 3750034.85	6.46187	3.15E-04	4.37E-04	1.55E-03	1.09E-07	3.29E-07	1.90E-07	1.90E-07	1.73E-07	7.87E-08	7.87E-08	3.64E-09	8.78E-08	1.94E-08	2.58E-08	4.10E-08	7.23E-09	5.19E-09	1.90E-07
2388	387452.74, 3750059.85	6.3498	3.09E-04	4.30E-04	1.52E-03	1.07E-07	3.23E-07	1.87E-07	1.87E-07	1.70E-07	7.74E-08	7.74E-08	3.57E-09	8.63E-08	1.90E-08	2.54E-08	4.03E-08	7.10E-09	5.10E-09	1.87E-07
2389	387452.74, 3750084.85	6.22421	3.03E-04	4.21E-04	1.49E-03	1.05E-07	3.17E-07	1.83E-07	1.83E-07	1.66E-07	7.58E-08	7.58E-08	3.50E-09	8.46E-08	1.87E-08	2.49E-08	3.95E-08	6.96E-09	5.00E-09	1.83E-07
2390	387452.74, 3750109.85	6.14871	2.99E-04	4.16E-04	1.47E-03	1.04E-07	3.13E-07	1.81E-07	1.81E-07	1.64E-07	7.49E-08	7.49E-08	3.46E-09	8.36E-08	1.84E-08	2.46E-08	3.90E-08	6.88E-09	4.94E-09	1.81E-07
2391	387452.74, 3750134.85	6.04523	2.94E-04	4.09E-04	1.45E-03	1.02E-07	3.08E-07	1.78E-07	1.78E-07	1.61E-07	7.37E-08	7.37E-08	3.40E-09	8.22E-08	1.81E-08	2.42E-08	3.84E-08	6.76E-09	4.86E-09	1.78E-07
2392	387452.74, 3750159.85	5.96024	2.90E-04	4.03E-04	1.43E-03	1.00E-07	3.03E-07	1.76E-07	1.76E-07	1.59E-07	7.26E-08	7.26E-08	3.35E-09	8.10E-08	1.79E-08	2.38E-08	3.78E-08	6.67E-09	4.79E-09	1.75E-07
2393	387452.74, 3750184.85	5.84264	2.84E-04	3.95E-04	1.40E-03	9.85E-08	2.97E-07	1.72E-07	1.72E-07	1.56E-07	7.12E-08	7.12E-08	3.29E-09	7.94E-08	1.75E-08	2.34E-08	3.71E-08	6.53E-09	4.70E-09	1.72E-07
2394	387452.74, 3750209.85	5.72767	2.79E-04	3.87E-04	1.37E-03	9.65E-08	2.91E-07	1.69E-07	1.69E-07	1.53E-07	6.98E-08	6.98E-08	3.22E-09	7.79E-08	1.72E-08	2.29E-08	3.63E-08	6.41E-09	4.60E-09	1.69E-07
2395	387452.74, 3750234.85	5.61633	2.73E-04	3.80E-04	1.35E-03	9.47E-08	2.86E-07	1.65E-07	1.65E-07	1.50E-07	6.84E-08	6.84E-08	3.16E-09	7.64E-08	1.68E-08	2.25E-08	3.56E-08	6.28E-09	4.51E-09	1.65E-07
2396	387452.74, 3750259.85	5.53032	2.69E-04	3.74E-04	1.33E-03	9.32E-08	2.81E-07	1.63E-07	1.63E-07	1.48E-07	6.74E-08	6.74E-08	3.11E-09	7.52E-08	1.66E-08	2.21E-08	3.51E-08	6.18E-09	4.44E-09	1.63E-07
2397	387452.74, 3750284.85	5.44337	2.65E-04	3.68E-04	1.30E-03	9.17E-08	2.77E-07	1.60E-07	1.60E-07	1.45E-07	6.63E-08	6.63E-08	3.06E-09	7.40E-08	1.63E-08	2.18E-08	3.45E-08	6.09E-09	4.38E-09	1.60E-07
2398	387452.74, 3750309.85	5.35239	2.61E-04	3.62E-04	1.28E-03	9.02E-08	2.72E-07	1.58E-07	1.58E-07	1.43E-07	6.52E-08	6.52E-08	3.01E-09	7.28E-08	1.61E-08	2.14E-08	3.40E-08	5.99E-09	4.30E-09	1.57E-07
2399	387452.74, 3750334.85	5.26189	2.56E-04	3.56E-04	1.26E-03	8.87E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.41E-08	6.41E-08	2.96E-09	7.15E-08	1.58E-08	2.10E-08	3.34E-08	5.88E-09	4.23E-09	1.55E-07
2400	387452.74, 3750359.85	5.19914	2.53E-04	3.52E-04	1.25E-03	8.76E-08	2.65E-07	1.53E-07	1.53E-07	1.39E-07	6.34E-08	6.34E-08	2.93E-09	7.07E-08	1.56E-08	2.08E-08	3.30E-08	5.81E-09	4.18E-09	1.53E-07
2401	387452.74, 3750384.85	5.11816	2.49E-04	3.46E-04	1.23E-03	8.63E-08	2.60E-07	1.51E-07	1.51E-07	1.37E-07	6.24E-08	6.24E-08	2.88E-09	6.96E-08	1.54E-08	2.05E-08	3.25E-08	5.72E-09	4.11E-09	1.51E-07

2402	387452.74, 3750409.85	5.04259	2.46E-04	3.41E-04	1.21E-03	8.50E-08	2.57E-07	1.49E-07	1.49E-07	1.35E-07	6.14E-08	6.14E-08	2.84E-09	6.86E-08	1.51E-08	2.02E-08	3.20E-08	5.64E-09	4.05E-09	1.48E-07
2403	387452.74, 3750434.85	4.97755	2.42E-04	3.37E-04	1.19E-03	8.39E-08	2.53E-07	1.47E-07	1.47E-07	1.33E-07	6.07E-08	6.07E-08	2.80E-09	6.77E-08	1.49E-08	1.99E-08	3.16E-08	5.57E-09	4.00E-09	1.46E-07
2404	387452.74, 3750459.85	4.92928	2.40E-04	3.33E-04	1.18E-03	8.31E-08	2.51E-07	1.45E-07	1.45E-07	1.32E-07	6.01E-08	6.01E-08	2.77E-09	6.70E-08	1.48E-08	1.97E-08	3.13E-08	5.51E-09	3.96E-09	1.45E-07
2405	387452.74, 3750484.85	4.8584	2.37E-04	3.29E-04	1.16E-03	8.19E-08	2.47E-07	1.43E-07	1.43E-07	1.30E-07	5.92E-08	5.92E-08	2.73E-09	6.60E-08	1.46E-08	1.94E-08	3.08E-08	5.43E-09	3.90E-09	1.43E-07
2406	387452.74, 3750509.85	4.7943	2.33E-04	3.24E-04	1.15E-03	8.08E-08	2.44E-07	1.41E-07	1.41E-07	1.28E-07	5.84E-08	5.84E-08	2.70E-09	6.52E-08	1.44E-08	1.92E-08	3.04E-08	5.36E-09	3.85E-09	1.41E-07
2407	387452.74, 3750534.85	4.74256	2.31E-04	3.21E-04	1.14E-03	7.99E-08	2.41E-07	1.40E-07	1.40E-07	1.27E-07	5.78E-08	5.78E-08	2.67E-09	6.45E-08	1.42E-08	1.90E-08	3.01E-08	5.30E-09	3.81E-09	1.40E-07
2408	387452.74, 3750559.85	4.67665	2.28E-04	3.16E-04	1.12E-03	7.88E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.70E-08	5.70E-08	2.63E-09	6.36E-08	1.40E-08	1.87E-08	2.97E-08	5.23E-09	3.76E-09	1.38E-07
2409	387452.74, 3750584.85	4.61708	2.25E-04	3.12E-04	1.11E-03	7.78E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.63E-08	5.63E-08	2.60E-09	6.28E-08	1.39E-08	1.85E-08	2.93E-08	5.16E-09	3.71E-09	1.36E-07
2410	387452.74, 3750609.85	4.53704	2.21E-04	3.07E-04	1.09E-03	7.65E-08	2.31E-07	1.34E-07	1.34E-07	1.21E-07	5.53E-08	5.53E-08	2.55E-09	6.17E-08	1.36E-08	1.81E-08	2.88E-08	5.07E-09	3.65E-09	1.33E-07
2411	387452.74, 3750634.85	4.48605	2.18E-04	3.03E-04	1.08E-03	7.56E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.52E-09	6.10E-08	1.35E-08	1.79E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2412	387452.74, 3750659.85	4.43601	2.16E-04	3.00E-04	1.06E-03	7.48E-08	2.26E-07	1.31E-07	1.31E-07	1.18E-07	5.41E-08	5.41E-08	2.50E-09	6.03E-08	1.33E-08	1.77E-08	2.81E-08	4.96E-09	3.57E-09	1.31E-07
2413	387452.74, 3750684.85	4.35557	2.12E-04	2.95E-04	1.04E-03	7.34E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.76E-08	4.87E-09	3.50E-09	1.28E-07
2414	387452.74, 3750709.85	4.30276	2.09E-04	2.91E-04	1.03E-03	7.25E-08	2.19E-07	1.27E-07	1.27E-07	1.15E-07	5.24E-08	5.24E-08	2.42E-09	5.85E-08	1.29E-08	1.72E-08	2.73E-08	4.81E-09	3.46E-09	1.27E-07
2415	387452.74, 3750734.85	4.25103	2.07E-04	2.88E-04	1.02E-03	7.16E-08	2.16E-07	1.25E-07	1.25E-07	1.14E-07	5.18E-08	5.18E-08	2.39E-09	5.78E-08	1.28E-08	1.70E-08	2.70E-08	4.75E-09	3.42E-09	1.25E-07
2416	387452.74, 3750759.85	4.20469	2.05E-04	2.84E-04	1.01E-03	7.09E-08	2.14E-07	1.24E-07	1.24E-07	1.12E-07	5.12E-08	5.12E-08	2.37E-09	5.72E-08	1.26E-08	1.68E-08	2.67E-08	4.70E-09	3.38E-09	1.24E-07
2417	387452.74, 3750784.85	4.14521	2.02E-04	2.80E-04	9.94E-04	6.99E-08	2.11E-07	1.22E-07	1.22E-07	1.11E-07	5.05E-08	5.05E-08	2.33E-09	5.64E-08	1.24E-08	1.66E-08	2.63E-08	4.64E-09	3.33E-09	1.22E-07
2418	387452.74, 3750809.85	4.10903	2.00E-04	2.78E-04	9.85E-04	6.93E-08	2.09E-07	1.21E-07	1.21E-07	1.10E-07	5.01E-08	5.01E-08	2.31E-09	5.59E-08	1.23E-08	1.64E-08	2.61E-08	4.59E-09	3.30E-09	1.21E-07
2419	387452.74, 3750834.85	4.05037	1.97E-04	2.74E-04	9.71E-04	6.83E-08	2.06E-07	1.19E-07	1.19E-07	1.08E-07	4.94E-08	4.94E-08	2.28E-09	5.51E-08	1.22E-08	1.62E-08	2.57E-08	4.53E-09	3.26E-09	1.19E-07
2420	387452.74, 3750859.85	3.99573	1.95E-04	2.70E-04	9.58E-04	6.73E-08	2.03E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.43E-08	1.20E-08	1.60E-08	2.54E-08	4.47E-09	3.21E-09	1.18E-07
2421	387452.74, 3750884.85	3.94235	1.92E-04	2.67E-04	9.45E-04	6.64E-08	2.01E-07	1.16E-07	1.16E-07	1.05E-07	4.80E-08	4.80E-08	2.22E-09	5.36E-08	1.18E-08	1.58E-08	2.50E-08	4.41E-09	3.17E-09	1.16E-07
2422	387452.74, 3750909.85	3.88401	1.89E-04	2.63E-04	9.31E-04	6.55E-08	1.98E-07	1.14E-07	1.14E-07	1.04E-07	4.73E-08	4.73E-08	2.19E-09	5.28E-08	1.17E-08	1.55E-08	2.46E-08	4.34E-09	3.12E-09	1.14E-07
2423	387452.74, 3750934.85	3.8281	1.86E-04	2.59E-04	9.18E-04	6.45E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.66E-08	4.66E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.43E-08	4.28E-09	3.08E-09	1.13E-07
2424	387452.74, 3750959.85	3.78343	1.84E-04	2.56E-04	9.07E-04	6.38E-08	1.93E-07	1.11E-07	1.11E-07	1.01E-07	4.61E-08	4.61E-08	2.13E-09	5.14E-08	1.13E-08	1.51E-08	2.40E-08	4.23E-09	3.04E-09	1.11E-07
2425	387452.74, 3750984.85	3.73842	1.82E-04	2.53E-04	8.96E-04	6.30E-08	1.90E-07	1.10E-07	1.10E-07	9.98E-08	4.56E-08	4.56E-08	2.10E-09	5.08E-08	1.12E-08	1.50E-08	2.37E-08	4.18E-09	3.00E-09	1.10E-07
2426	387452.74, 3751009.85	3.69943	1.80E-04	2.50E-04	8.87E-04	6.23E-08	1.88E-07	1.09E-07	1.09E-07	9.88E-08	4.51E-08	4.51E-08	2.08E-09	5.03E-08	1.11E-08	1.48E-08	2.35E-08	4.14E-09	2.97E-09	1.09E-07
2427	387452.74, 3751034.85	3.6554	1.78E-04	2.47E-04	8.76E-04	6.16E-08	1.86E-07	1.08E-07	1.08E-07	9.76E-08	4.45E-08	4.45E-08	2.06E-09	4.97E-08	1.10E-08	1.46E-08	2.32E-08	4.09E-09	2.94E-09	1.08E-07
2428	387452.74, 3751059.85	3.61224	1.76E-04	2.44E-04	8.66E-04	6.09E-08	1.84E-07	1.06E-07	1.06E-07	9.65E-08	4.40E-08	4.40E-08	2.03E-09	4.91E-08	1.08E-08	1.44E-08	2.29E-08	4.04E-09	2.90E-09	1.06E-07
2429	387452.74, 3751084.85	3.5695	1.74E-04	2.41E-04	8.56E-04	6.02E-08	1.82E-07	1.05E-07	1.05E-07	9.53E-08	4.35E-08	4.35E-08	2.01E-09	4.85E-08	1.07E-08	1.43E-08	2.26E-08	3.99E-09	2.87E-09	1.05E-07
2430	387452.74, 3751109.85	3.52618	1.72E-04	2.39E-04	8.45E-04	5.94E-08	1.79E-07	1.04E-07	1.04E-07	9.42E-08	4.30E-08	4.30E-08	1.98E-09	4.79E-08	1.06E-08	1.41E-08	2.24E-08	3.94E-09	2.83E-09	1.04E-07
2431	387452.74, 3751134.85	3.48449	1.70E-04	2.36E-04	8.35E-04	5.87E-08	1.77E-07	1.03E-07	1.03E-07	9.31E-08	4.25E-08	4.25E-08	1.96E-09	4.74E-08	1.05E-08	1.39E-08	2.21E-08	3.90E-09	2.80E-09	1.03E-07
2432	387452.74, 3751159.85	3.4406	1.68E-04	2.33E-04	8.25E-04	5.80E-08	1.75E-07	1.01E-07	1.01E-07	9.19E-08	4.19E-08	4.19E-08	1.94E-09	4.68E-08	1.03E-08	1.38E-08	2.18E-08	3.85E-09	2.77E-09	1.01E-07
2433	387452.74, 3751184.85	3.40252	1.66E-04	2.30E-04	8.16E-04	5.73E-08	1.73E-07	1.00E-07	1.00E-07	9.09E-08	4.15E-08	4.15E-08	1.91E-09	4.63E-08	1.02E-08	1.36E-08	2.16E-08	3.80E-09	2.73E-09	1.00E-07
2434	387452.74, 3751209.85	3.35578	1.63E-04	2.27E-04	8.04E-04	5.66E-08	1.71E-07	9.89E-08	9.89E-08	8.96E-08	4.09E-08	4.09E-08	1.89E-09	4.56E-08	1.01E-08	1.34E-08	2.13E-08	3.75E-09	2.70E-09	9.87E-08
2435	387452.74, 3751234.85	3.31337	1.61E-04	2.24E-04	7.94E-04	5.58E-08	1.69E-07	9.76E-08	9.76E-08	8.85E-08	4.04E-08	4.04E-08	1.86E-09	4.50E-08	9.94E-09	1.33E-08	2.10E-08	3.71E-09	2.66E-09	9.75E-08
2436	387477.74, 3748984.85	23.05129	1.12E-03	1.56E-03	5.52E-03	3.89E-07	1.17E-06	6.79E-07	6.79E-07	6.16E-07	2.81E-07	2.81E-07	1.30E-08	3.13E-07	6.91E-08	9.22E-08	1.46E-07	2.58E-08	1.85E-08	6.78E-07
2437	387477.74, 3749009.85	21.56593	1.05E-03	1.46E-03	5.17E-03	3.63E-07	1.10E-06	6.35E-07	6.35E-07	5.76E-07	2.63E-07	2.63E-07	1.21E-08	2.93E-07	6.47E-08	8.63E-08	1.37E-07	2.41E-08	1.73E-08	6.35E-07
2438	387477.74, 3749034.85	20.21216	9.84E-04	1.37E-03	4.84E-03	3.41E-07	1.03E-06	5.95E-07	5.95E-07	5.40E-07	2.46E-07	2.46E-07	1.14E-08	2.75E-07	6.06E-08	8.08E-08	1.28E-07	2.26E-08	1.62E-08	5.95E-07
2439	387477.74, 3749059.85	18.94384	9.22E-04	1.28E-03	4.54E-03	3.19E-07	9.64E-07	5.58E-07	5.58E-07	5.06E-07	2.31E-07	2.31E-07	1.07E-08	2.58E-07	5.68E-08	7.58E-08	1.20E-07	2.12E-08	1.52E-08	5.57E-07
2440	387477.74, 3749084.85	17.75053	8.64E-04	1.20E-03	4.25E-03	2.99E-07	9.03E-07	5.23E-07	5.23E-07	4.74E-07	2.16E-07	2.16E-07	9.99E-09	2.41E-07	5.32E-08	7.10E-08	1.13E-07	1.98E-08	1.43E-08	5.22E-07
2441	387477.74, 3749109.85	16.74807	8.15E-04	1.13E-03	4.01E-03	2.82E-07	8.52E-07	4.93E-07	4.93E-07	4.47E-07	2.04E-07	2.04E-07	9.43E-09	2.28E-07	5.02E-08	6.70E-08	1.06E-07	1.87E-08	1.35E-08	4.93E-07
2442	387477.74, 3749134.85	15.84253	7.71E-04	1.07E-03	3.80E-03	2.67E-07	8.06E-07	4.67E-07	4.67E-07	4.23E-07	1.93E-07	1.93E-07	8.92E-09	2.15E-07	4.75E-08	6.34E-08	1.01E-07	1.77E-08	1.27E-08	4.66E-07
2443	387477.74, 3749159.85	14.99643	7.30E-04	1.01E-03	3.59E-03	2.53E-07	7.63E-07	4.42E-07	4.42E-07	4.00E-07	1.83E-07	1.83E-07	8.44E-09	2.04E-07	4.50E-08	6.00E-08	9.52E-08	1.68E-08	1.21E-08	4.41E-07
2444	387477.74, 3749184.85	14.26847	6.95E-04	9.65E-04	3.42E-03	2.40E-07	7.26E-07	4.20E-07	4.20E-07	3.81E-07	1.74E-07	1.74E-07	8.03E-09	1.94E-07	4.28E-08	5.71E-08	9.05E-08	1.60E-08	1.15E-08	4.20E-07
2445	387477.74, 3749209.85	13.62193	6.63E-04	9.21E-04	3.26E-03	2.30E-07	6.93E-07	4.01E-07	4.01E-07	3.64E-07	1.66E-07	1.66E-07	7.67E-09	1.85E-07	4.09E-08	5.45E-08	8.64E-08	1.52E-08	1.09E-08	4.01E-07
2446	387477.74, 3749234.85	13.02225	6.34E-04	8.81E-04	3.12E-03	2.19E-07	6.63E-07	3.84E-07	3.84E-07	3.48E-07	1.59E-07	1.59E-07	7.33E-09	1.77E-07	3.91E-08	5.21E-08	8.26E-08	1.46E-08	1.05E-08	3.83E-07
2447	387477.74, 3749259.85	12.45093	6.06E-04	8.42E-04	2.98E-03	2.10E-07	6.34E-07	3.67E-07	3.67E-07	3.33E-07	1.52E-07	1.52E-07	7.01E-09	1.69E-07	3.74E-08	4.98E-08	7.90E-08	1.39E-08	1.00E-08	3.66E-07
2448	387477.74, 3749284.85	11.9049	5.80E-04	8.05E-04	2.85E-03	2.01E-07	6.06E-07	3.51E-07	3.51E-07	3.18E-07	1.45E-07	1.45E-07	6.70E-09	1.62E-07	3.57E-08	4.76E-08	7.55E-08	1.33E-08	9.57E-09	3.50E-07
2449	387477.74, 3749309.85	11.39591	5.55E-04	7.71E-04	2.73E-03	1.92E-07	5.80E-07	3.36E-07	3.36E-07	3.04E-07	1.39E-07	1.39E-07	6.41E-09	1.55E-07	3.42E-08	4.56E-08	7.23E-08	1.27E-08	9.16E-09	3.35E-07
2450	387477.74, 3749334.85	10.97715	5.34E-04	7.43E-04	2.63E-03	1.85E-07	5.59E-07	3.23E-07	3.23E-07	2.93E-07	1.34E-07	1.34E-07	6.18E-09	1.49E-07	3.29E-08	4.39E-08	6.97E-08	1.23E-08	8.82E-09	3.23E-07
2451	387477.74, 3749359.85	10.5936	5.16E-04	7.17E-04	2.54E-03	1.79E-07	5.39E-07	3.12E-07	3.12E-07	2.83E-07	1.29E-07	1.29E-07	5.96E-09	1.44E-07	3.18E-08	4.24E-08	6.72E-08	1.18E-08	8.51E-09	3.12E-07
2452	387477.74, 3749384.85	10.2585	4.99E-04	6.94E-04	2.46E-03	1.73E-07	5.22E-07	3.02E-07	3.02E-07	2.74E-07	1.25E-07	1.25E-07	5.77E-09	1.39E-07	3.08E-08	4.10E-08	6.51E-08	1.15E-08	8.25E-09	3.02E-07
2453	387477.74, 3749409.85	9.90759	4.82E-04	6.70E-04	2.37E-03	1.67E-07	5.04E-07	2.92E-07	2.92E-07	2.65E-07	1.21E-07	1.21E-07	5.58E-09	1.35E-07	2.97E-08	3.96E-08	6.29E-08	1.11E-08	7.96E-09	2.92E-07
2454	387477.74, 3749434.85	9.58603	4.67E-04	6.48E-04	2.30E-03	1.62E-07	4.88E-07	2.82E-07	2.82E-07	2.56E-07	1.17E-07	1.17E-07	5.40E-09	1.30E-07	2.88E-08	3.83E-08	6.08E-08	1.07E-08	7.70E-09	2.82E-07
2455	387477.74, 3749459.85	9.3038	4.53E-04	6.29E-04	2.23E-03	1.57E-07	4.73E-07	2.74E-07	2.74E-07	2.48E-07	1.13E-07	1.13E-07	5.24E-09	1.26E-07	2.79E-08	3.72E-08	5.90E-08	1.04E-08	7.48E-09	2.74E-07
2456	387477.74, 3749484.85	9.04498	4.40E-04	6.12E-04	2.17E-03	1.52E-07	4.60E-07	2.66E-07	2.66E-07	2.42E-07	1.10E-07	1.10E-07	5.09E-09	1.23E-07	2.71E-08	3.62E-08	5.74E-08	1.01E-08	7.27E-09	2.66E-07
2457	387477.74, 3749509.85	8.83897	4.30E-04	5.98E-04	2.12E-03	1.49E-07	4.50E-07	2.60E-07	2.60E-07	2.36E-07	1.08E-07	1.08E-07	4.97E-09	1.20E-07	2.65E-08	3.54E-08	5.61E-08	9.88E-09	7.10E-09	2.60E-07
2458	387477.74, 3749534.85	8.52516	4.15E-04	5.77E-04	2.04E-03	1.44E-07	4.34E-07	2.51E-07	2.51E-07	2.28E-07	1.04E-07	1.04E-07	4.80E-09	1.16E-07	2.56E-08	3.41E-08	5.41E-08	9.53E-09	6.85E-09	2.51E-07
2459	387477.74, 3749559.85	8.25688	4.02E-04	5.59E-04	1.98E-03	1.39E-07	4.20E-07	2.43E-07	2.43E-07	2.20E-07	1.01E-07	1.01E-07	4.65E-09	1.12E-07	2.48E-08	3.30E-08	5.24E-08	9.23E-09	6.64E-09	2.43E-07
2460	387477.74, 3749584.85	8.06055	3.92E-04	5.45E-04	1.93E-03	1.36E-07	4.10E-07	2.37E-07	2.37E-07	2.15E-07	9.82E-08	9.82E-08	4.54E-09	1.10E-07	2.42E-08	3.22E-08	5.11E-08	9.01E-09	6.48E-09	2.37E-07
2461	387477.74, 3749609.85	7.81415	3.80E-04	5.29E-04	1.87E-03	1.32E-07	3.98E-07	2.30E-07	2.30E-07	2.09E-07	9.52E-08	9.52E-08	4.40E-09	1.06E-07	2.34E-08	3.13E-08	4.96E-08	8.74E-09	6.28E-09	2.30E-07
2462	387477.74, 3749634.85	7.64762	3.72E-04	5.17E-04	1.83E-03	1.29E-07	3.89E-07	2.25E-07	2.25E-07	2.04E-07	9.32E-08	9.32E-08	4.30E-09	1.04E-07	2.29E-08	3.06E-08	4.85E-08	8.55E-09	6.15E-09	2.25E-07
2463	387477.74, 3749659.85	7.50335	3.65E-04	5.08E-04	1.80E-03	1.26E-07	3.82E-07	2.21E-07	2.21E-07	2.00E-07	9.14E-08	9.14E-08	4.22E-09	1.02E-07	2.25E-08	3.00E-08	4.76E-08	8.39E-09	6.03E-09	2.21E-07
2464	387477.74, 3749684.85	7.28595	3.55E-04	4.93E-04	1.75E-03	1.23E-07	3.71E-07	2.15E-07	2.15E-07	1.95E-07	8.88E-08	8.88E-08	4.10E-09	9.90E-08	2.19E-08	2.91E-08	4.62E-08	8.15E-09	5.86E-09	2.14E-07
2465	387477.74, 3749709.85	7.1351	3.47E-04	4.83E-04	1.71E-03	1.20E-07	3.63E-07	2.10E-07	2.10E-07	1.91E-07	8.69E-08	8.69E-08	4.02E-09	9.70E-08	2.14E-08	2.85E-08	4.53E-08	7.98E-09	5.73E-09	2.10E-07
2466	387477.74, 3749734.85	6.97398	3.40E-04	4.72E-04	1.67E-03	1.18E-07	3.55E-07	2.05E-07	2.05E-07	1.86E-07	8.50E-08	8.50E-08	3.92E-09	9.48E-08	2.09E-08	2.79E-08	4.43E-08	7.80E-09	5.61E-09	2.05E-07

2467	387477.74, 3749759.85	6.82803	3.32E-04	4.62E-04	1.64E-03	1.15E-07	3.47E-07	2.01E-07	2.01E-07	1.82E-07	8.32E-08	8.32E-08	3.84E-09	9.28E-08	2.05E-08	2.73E-08	4.33E-08	7.64E-09	5.49E-09	2.01E-07
2468	387477.74, 3749784.85	6.6902	3.26E-04	4.53E-04	1.60E-03	1.13E-07	3.40E-07	1.97E-07	1.97E-07	1.79E-07	8.15E-08	8.15E-08	3.77E-09	9.10E-08	2.01E-08	2.68E-08	4.24E-08	7.48E-09	5.38E-09	1.97E-07
2469	387477.74, 3749809.85	6.53408	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.33E-07	1.92E-07	1.92E-07	1.74E-07	7.96E-08	7.96E-08	3.68E-09	8.88E-08	1.96E-08	2.61E-08	4.15E-08	7.31E-09	5.25E-09	1.92E-07
2470	387477.74, 3749834.85	6.41007	3.12E-04	4.34E-04	1.54E-03	1.08E-07	3.26E-07	1.89E-07	1.89E-07	1.71E-07	7.81E-08	7.81E-08	3.61E-09	8.71E-08	1.92E-08	2.56E-08	4.07E-08	7.17E-09	5.15E-09	1.89E-07
2471	387477.74, 3749859.85	6.29378	3.06E-04	4.26E-04	1.51E-03	1.06E-07	3.20E-07	1.85E-07	1.85E-07	1.68E-07	7.67E-08	7.67E-08	3.54E-09	8.56E-08	1.89E-08	2.52E-08	3.99E-08	7.04E-09	5.06E-09	1.85E-07
2472	387477.74, 3749884.85	6.20204	3.02E-04	4.20E-04	1.49E-03	1.05E-07	3.16E-07	1.83E-07	1.83E-07	1.66E-07	7.56E-08	7.56E-08	3.49E-09	8.43E-08	1.86E-08	2.48E-08	3.94E-08	6.94E-09	4.98E-09	1.82E-07
2473	387477.74, 3749909.85	6.06336	2.95E-04	4.10E-04	1.45E-03	1.02E-07	3.09E-07	1.79E-07	1.79E-07	1.62E-07	7.39E-08	7.39E-08	3.41E-09	8.24E-08	1.82E-08	2.43E-08	3.85E-08	6.78E-09	4.87E-09	1.78E-07
2474	387477.74, 3749934.85	5.89667	2.87E-04	3.99E-04	1.41E-03	9.94E-08	3.00E-07	1.74E-07	1.74E-07	1.57E-07	7.19E-08	7.19E-08	3.32E-09	8.02E-08	1.77E-08	2.36E-08	3.74E-08	6.59E-09	4.74E-09	1.74E-07
2475	387477.74, 3749959.85	5.77439	2.81E-04	3.91E-04	1.38E-03	9.73E-08	2.94E-07	1.70E-07	1.70E-07	1.54E-07	7.04E-08	7.04E-08	3.25E-09	7.85E-08	1.73E-08	2.31E-08	3.66E-08	6.46E-09	4.64E-09	1.70E-07
2476	387477.74, 3749984.85	5.74329	2.80E-04	3.89E-04	1.38E-03	9.68E-08	2.92E-07	1.69E-07	1.69E-07	1.53E-07	7.00E-08	7.00E-08	3.23E-09	7.81E-08	1.72E-08	2.30E-08	3.64E-08	6.42E-09	4.62E-09	1.69E-07
2477	387477.74, 3750009.85	5.68359	2.77E-04	3.84E-04	1.36E-03	9.58E-08	2.89E-07	1.67E-07	1.67E-07	1.52E-07	6.93E-08	6.93E-08	3.20E-09	7.73E-08	1.70E-08	2.27E-08	3.61E-08	6.36E-09	4.57E-09	1.67E-07
2478	387477.74, 3750034.85	5.61657	2.73E-04	3.80E-04	1.35E-03	9.47E-08	2.86E-07	1.65E-07	1.65E-07	1.50E-07	6.84E-08	6.84E-08	3.16E-09	7.64E-08	1.68E-08	2.25E-08	3.56E-08	6.28E-09	4.51E-09	1.65E-07
2479	387477.74, 3750059.85	5.50578	2.68E-04	3.72E-04	1.32E-03	9.28E-08	2.80E-07	1.62E-07	1.62E-07	1.47E-07	6.71E-08	6.71E-08	3.10E-09	7.48E-08	1.65E-08	2.20E-08	3.49E-08	6.16E-09	4.43E-09	1.62E-07
2480	387477.74, 3750084.85	5.41856	2.64E-04	3.67E-04	1.30E-03	9.13E-08	2.76E-07	1.60E-07	1.60E-07	1.45E-07	6.60E-08	6.60E-08	3.05E-09	7.37E-08	1.63E-08	2.17E-08	3.44E-08	6.06E-09	4.36E-09	1.59E-07
2481	387477.74, 3750109.85	5.35117	2.61E-04	3.62E-04	1.28E-03	9.02E-08	2.72E-07	1.58E-07	1.58E-07	1.43E-07	6.52E-08	6.52E-08	3.01E-09	7.27E-08	1.61E-08	2.14E-08	3.40E-08	5.98E-09	4.30E-09	1.57E-07
2482	387477.74, 3750134.85	5.28577	2.57E-04	3.58E-04	1.27E-03	8.91E-08	2.69E-07	1.56E-07	1.56E-07	1.41E-07	6.44E-08	6.44E-08	2.97E-09	7.19E-08	1.59E-08	2.11E-08	3.35E-08	5.91E-09	4.25E-09	1.56E-07
2483	387477.74, 3750159.85	5.20619	2.53E-04	3.52E-04	1.25E-03	8.77E-08	2.65E-07	1.53E-07	1.53E-07	1.39E-07	6.34E-08	6.34E-08	2.93E-09	7.08E-08	1.56E-08	2.08E-08	3.30E-08	5.82E-09	4.18E-09	1.53E-07
2484	387477.74, 3750184.85	5.12418	2.49E-04	3.47E-04	1.23E-03	8.64E-08	2.61E-07	1.51E-07	1.51E-07	1.37E-07	6.24E-08	6.24E-08	2.88E-09	6.97E-08	1.54E-08	2.05E-08	3.25E-08	5.73E-09	4.12E-09	1.51E-07
2485	387477.74, 3750209.85	5.02842	2.45E-04	3.40E-04	1.21E-03	8.47E-08	2.56E-07	1.48E-07	1.48E-07	1.34E-07	6.13E-08	6.13E-08	2.83E-09	6.84E-08	1.51E-08	2.01E-08	3.19E-08	5.62E-09	4.04E-09	1.48E-07
2486	387477.74, 3750234.85	4.95011	2.41E-04	3.35E-04	1.19E-03	8.34E-08	2.52E-07	1.46E-07	1.46E-07	1.32E-07	6.03E-08	6.03E-08	2.79E-09	6.73E-08	1.48E-08	1.98E-08	3.14E-08	5.54E-09	3.98E-09	1.46E-07
2487	387477.74, 3750259.85	4.88488	2.38E-04	3.30E-04	1.17E-03	8.23E-08	2.49E-07	1.44E-07	1.44E-07	1.30E-07	5.95E-08	5.95E-08	2.75E-09	6.64E-08	1.47E-08	1.95E-08	3.10E-08	5.46E-09	3.93E-09	1.44E-07
2488	387477.74, 3750284.85	4.81784	2.35E-04	3.26E-04	1.15E-03	8.12E-08	2.45E-07	1.42E-07	1.42E-07	1.29E-07	5.87E-08	5.87E-08	2.71E-09	6.55E-08	1.45E-08	1.93E-08	3.06E-08	5.39E-09	3.87E-09	1.42E-07
2489	387477.74, 3750309.85	4.74188	2.31E-04	3.21E-04	1.14E-03	7.99E-08	2.41E-07	1.40E-07	1.40E-07	1.27E-07	5.78E-08	5.78E-08	2.67E-09	6.45E-08	1.42E-08	1.90E-08	3.01E-08	5.30E-09	3.81E-09	1.40E-07
2490	387477.74, 3750334.85	4.67225	2.27E-04	3.16E-04	1.12E-03	7.87E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.69E-08	5.69E-08	2.63E-09	6.35E-08	1.40E-08	1.87E-08	2.96E-08	5.22E-09	3.76E-09	1.37E-07
2491	387477.74, 3750359.85	4.62025	2.25E-04	3.13E-04	1.11E-03	7.79E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.63E-08	5.63E-08	2.60E-09	6.28E-08	1.39E-08	1.85E-08	2.93E-08	5.17E-09	3.71E-09	1.36E-07
2492	387477.74, 3750384.85	4.5694	2.22E-04	3.09E-04	1.10E-03	7.70E-08	2.33E-07	1.35E-07	1.35E-07	1.22E-07	5.57E-08	5.57E-08	2.57E-09	6.21E-08	1.37E-08	1.83E-08	2.90E-08	5.11E-09	3.67E-09	1.34E-07
2493	387477.74, 3750409.85	4.51422	2.20E-04	3.05E-04	1.08E-03	7.61E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.50E-08	5.50E-08	2.54E-09	6.14E-08	1.35E-08	1.81E-08	2.86E-08	5.05E-09	3.63E-09	1.33E-07
2494	387477.74, 3750434.85	4.4599	2.17E-04	3.02E-04	1.07E-03	7.52E-08	2.27E-07	1.31E-07	1.31E-07	1.19E-07	5.43E-08	5.43E-08	2.51E-09	6.06E-08	1.34E-08	1.78E-08	2.83E-08	4.99E-09	3.58E-09	1.31E-07
2495	387477.74, 3750459.85	4.41581	2.15E-04	2.99E-04	1.06E-03	7.44E-08	2.25E-07	1.30E-07	1.30E-07	1.18E-07	5.38E-08	5.38E-08	2.49E-09	6.00E-08	1.32E-08	1.77E-08	2.80E-08	4.94E-09	3.55E-09	1.30E-07
2496	387477.74, 3750484.85	4.35789	2.12E-04	2.95E-04	1.04E-03	7.34E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.77E-08	4.87E-09	3.50E-09	1.28E-07
2497	387477.74, 3750509.85	4.30737	2.10E-04	2.91E-04	1.03E-03	7.26E-08	2.19E-07	1.27E-07	1.27E-07	1.15E-07	5.25E-08	5.25E-08	2.42E-09	5.86E-08	1.29E-08	1.72E-08	2.73E-08	4.82E-09	3.46E-09	1.27E-07
2498	387477.74, 3750534.85	4.26957	2.08E-04	2.89E-04	1.02E-03	7.20E-08	2.17E-07	1.26E-07	1.26E-07	1.14E-07	5.20E-08	5.20E-08	2.40E-09	5.80E-08	1.28E-08	1.71E-08	2.71E-08	4.77E-09	3.43E-09	1.26E-07
2499	387477.74, 3750559.85	4.21301	2.05E-04	2.85E-04	1.01E-03	7.10E-08	2.14E-07	1.24E-07	1.24E-07	1.13E-07	5.13E-08	5.13E-08	2.37E-09	5.73E-08	1.26E-08	1.69E-08	2.67E-08	4.71E-09	3.39E-09	1.24E-07
2500	387477.74, 3750584.85	4.15716	2.02E-04	2.81E-04	9.96E-04	7.01E-08	2.12E-07	1.22E-07	1.22E-07	1.11E-07	5.07E-08	5.07E-08	2.34E-09	5.65E-08	1.25E-08	1.66E-08	2.64E-08	4.65E-09	3.34E-09	1.22E-07
2501	387477.74, 3750609.85	4.11179	2.00E-04	2.78E-04	9.86E-04	6.93E-08	2.09E-07	1.21E-07	1.21E-07	1.10E-07	5.01E-08	5.01E-08	2.31E-09	5.59E-08	1.23E-08	1.64E-08	2.61E-08	4.60E-09	3.30E-09	1.21E-07
2502	387477.74, 3750634.85	4.05085	1.97E-04	2.74E-04	9.71E-04	6.83E-08	2.06E-07	1.19E-07	1.19E-07	1.08E-07	4.94E-08	4.94E-08	2.28E-09	5.51E-08	1.22E-08	1.62E-08	2.57E-08	4.53E-09	3.26E-09	1.19E-07
2503	387477.74, 3750659.85	3.99952	1.95E-04	2.71E-04	9.59E-04	6.74E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.44E-08	1.20E-08	1.60E-08	2.54E-08	4.47E-09	3.21E-09	1.18E-07
2504	387477.74, 3750684.85	3.9435	1.92E-04	2.67E-04	9.45E-04	6.65E-08	2.01E-07	1.16E-07	1.16E-07	1.05E-07	4.81E-08	4.81E-08	2.22E-09	5.36E-08	1.18E-08	1.58E-08	2.50E-08	4.41E-09	3.17E-09	1.16E-07
2505	387477.74, 3750709.85	3.92642	1.91E-04	2.66E-04	9.41E-04	6.62E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.78E-08	4.78E-08	2.21E-09	5.34E-08	1.18E-08	1.57E-08	2.49E-08	4.39E-09	3.16E-09	1.16E-07
2506	387477.74, 3750734.85	3.85938	1.88E-04	2.61E-04	9.25E-04	6.50E-08	1.96E-07	1.14E-07	1.14E-07	1.03E-07	4.70E-08	4.70E-08	2.17E-09	5.25E-08	1.16E-08	1.54E-08	2.45E-08	4.32E-09	3.10E-09	1.14E-07
2507	387477.74, 3750759.85	3.81641	1.86E-04	2.58E-04	9.15E-04	6.43E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.65E-08	4.65E-08	2.15E-09	5.19E-08	1.14E-08	1.53E-08	2.42E-08	4.27E-09	3.07E-09	1.12E-07
2508	387477.74, 3750784.85	3.77144	1.84E-04	2.55E-04	9.04E-04	6.36E-08	1.92E-07	1.11E-07	1.11E-07	1.01E-07	4.60E-08	4.60E-08	2.12E-09	5.13E-08	1.13E-08	1.51E-08	2.39E-08	4.22E-09	3.03E-09	1.11E-07
2509	387477.74, 3750809.85	3.72622	1.81E-04	2.52E-04	8.93E-04	6.28E-08	1.90E-07	1.10E-07	1.10E-07	9.95E-08	4.54E-08	4.54E-08	2.10E-09	5.07E-08	1.12E-08	1.49E-08	2.36E-08	4.17E-09	2.99E-09	1.10E-07
2510	387477.74, 3750834.85	3.67926	1.79E-04	2.49E-04	8.82E-04	6.20E-08	1.87E-07	1.08E-07	1.08E-07	9.83E-08	4.48E-08	4.48E-08	2.07E-09	5.00E-08	1.10E-08	1.47E-08	2.33E-08	4.11E-09	2.96E-09	1.08E-07
2511	387477.74, 3750859.85	3.64513	1.77E-04	2.47E-04	8.74E-04	6.14E-08	1.85E-07	1.07E-07	1.07E-07	9.73E-08	4.44E-08	4.44E-08	2.05E-09	4.96E-08	1.09E-08	1.46E-08	2.31E-08	4.08E-09	2.93E-09	1.07E-07
2512	387477.74, 3750884.85	3.60881	1.76E-04	2.44E-04	8.65E-04	6.08E-08	1.84E-07	1.06E-07	1.06E-07	9.64E-08	4.40E-08	4.40E-08	2.03E-09	4.91E-08	1.08E-08	1.44E-08	2.29E-08	4.04E-09	2.90E-09	1.06E-07
2513	387477.74, 3750909.85	3.55952	1.73E-04	2.41E-04	8.53E-04	6.00E-08	1.81E-07	1.05E-07	1.05E-07	9.51E-08	4.34E-08	4.34E-08	2.00E-09	4.84E-08	1.07E-08	1.42E-08	2.26E-08	3.98E-09	2.86E-09	1.05E-07
2514	387477.74, 3750934.85	3.51431	1.71E-04	2.38E-04	8.42E-04	5.92E-08	1.79E-07	1.04E-07	1.04E-07	9.38E-08	4.28E-08	4.28E-08	1.98E-09	4.78E-08	1.05E-08	1.41E-08	2.23E-08	3.93E-09	2.82E-09	1.03E-07
2515	387477.74, 3750959.85	3.47172	1.69E-04	2.35E-04	8.32E-04	5.85E-08	1.77E-07	1.02E-07	1.02E-07	9.27E-08	4.23E-08	4.23E-08	1.95E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2516	387477.74, 3750984.85	3.42605	1.67E-04	2.32E-04	8.21E-04	5.77E-08	1.74E-07	1.01E-07	1.01E-07	9.15E-08	4.17E-08	4.17E-08	1.93E-09	4.66E-08	1.03E-08	1.37E-08	2.17E-08	3.83E-09	2.75E-09	1.01E-07
2517	387477.74, 3751009.85	3.39652	1.65E-04	2.30E-04	8.14E-04	5.72E-08	1.73E-07	1.00E-07	1.00E-07	9.07E-08	4.14E-08	4.14E-08	1.91E-09	4.62E-08	1.02E-08	1.36E-08	2.16E-08	3.80E-09	2.73E-09	9.99E-08
2518	387477.74, 3751034.85	3.35913	1.64E-04	2.27E-04	8.05E-04	5.66E-08	1.71E-07	9.90E-08	9.90E-08	8.97E-08	4.09E-08	4.09E-08	1.89E-09	4.57E-08	1.01E-08	1.34E-08	2.13E-08	3.76E-09	2.70E-09	9.88E-08
2519	387477.74, 3751059.85	3.32298	1.62E-04	2.25E-04	7.96E-04	5.60E-08	1.69E-07	9.79E-08	9.79E-08	8.87E-08	4.05E-08	4.05E-08	1.87E-09	4.52E-08	9.97E-09	1.33E-08	2.11E-08	3.72E-09	2.67E-09	9.78E-08
2520	387502.74, 3748984.85	12.78373	6.22E-04	8.65E-04	3.06E-03	2.15E-07	6.51E-07	3.77E-07	3.77E-07	3.41E-07	1.56E-07	1.56E-07	7.19E-09	1.74E-07	3.83E-08	5.11E-08	8.11E-08	1.43E-08	1.03E-08	3.76E-07
2521	387502.74, 3749009.85	12.51016	6.09E-04	8.46E-04	3.00E-03	2.11E-07	6.37E-07	3.69E-07	3.69E-07	3.34E-07	1.52E-07	1.52E-07	7.04E-09	1.70E-07	3.75E-08	5.00E-08	7.94E-08	1.40E-08	1.01E-08	3.68E-07
2522	387502.74, 3749034.85	12.17774	5.93E-04	8.24E-04	2.92E-03	2.05E-07	6.20E-07	3.59E-07	3.59E-07	3.25E-07	1.48E-07	1.48E-07	6.85E-09	1.66E-07	3.65E-08	4.87E-08	7.73E-08	1.36E-08	9.79E-09	3.58E-07
2523	387502.74, 3749059.85	11.81054	5.75E-04	7.99E-04	2.83E-03	1.99E-07	6.01E-07	3.48E-07	3.48E-07	3.15E-07	1.44E-07	1.44E-07	6.65E-09	1.61E-07	3.54E-08	4.72E-08	7.49E-08	1.32E-08	9.49E-09	3.48E-07
2524	387502.74, 3749084.85	11.4119	5.56E-04	7.72E-04	2.74E-03	1.92E-07	5.81E-07	3.36E-07	3.36E-07	3.05E-07	1.39E-07	1.39E-07	6.42E-09	1.55E-07	3.42E-08	4.56E-08	7.24E-08	1.28E-08	9.17E-09	3.36E-07
2525	387502.74, 3749109.85	11.02781	5.37E-04	7.46E-04	2.64E-03	1.86E-07	5.61E-07	3.25E-07	3.25E-07	2.94E-07	1.34E-07	1.34E-07	6.21E-09	1.50E-07	3.31E-08	4.41E-08	7.00E-08	1.23E-08	8.86E-09	3.24E-07
2526	387502.74, 3749134.85	10.67205	5.20E-04	7.22E-04	2.56E-03	1.80E-07	5.43E-07	3.14E-07	3.14E-07	2.85E-07	1.30E-07	1.30E-07	6.01E-09	1.45E-07	3.20E-08	4.27E-08	6.77E-08	1.19E-08	8.58E-09	3.14E-07
2527	387502.74, 3749159.85	10.34313	5.04E-04	7.00E-04	2.48E-03	1.74E-07	5.26E-07	3.05E-07	3.05E-07	2.76E-07	1.26E-07	1.26E-07	5.82E-09	1.41E-07	3.10E-08	4.14E-08	6.56E-08	1.16E-08	8.31E-09	3.04E-07
2528	387502.74, 3749184.85	10.02489	4.88E-04	6.78E-04	2.40E-03	1.69E-07	5.10E-07	2.95E-07	2.95E-07	2.68E-07	1.22E-07	1.22E-07	5.64E-09	1.36E-07	3.01E-08	4.01E-08	6.36E-08	1.12E-08	8.06E-09	2.95E-07
2529	387502.74, 3749209.85	9.74778	4.75E-04	6.59E-04	2.34E-03	1.64E-07	4.96E-07	2.87E-07	2.87E-07	2.60E-07	1.19E-07	1.19E-07	5.49E-09	1.33E-07	2.92E-08	3.90E-08	6.19E-08	1.09E-08	7.83E-09	2.87E-07
2530	387502.74, 3749234.85	9.45775	4.60E-04	6.40E-04	2.27E-03	1.59E-07	4.81E-07	2.79E-07	2.79E-07	2.53E-07	1.15E-07	1.15E-07	5.32E-09	1.29E-07	2.84E-08	3.78E-08	6.00E-08	1.06E-08	7.60E-09	2.78E-07
2531	387502.74, 3749259.85	9.15095	4.46E-04	6.19E-04	2.19E-03	1.54E-07	4.66E-07	2.70E-07	2.70E-07	2.44E-07	1.12E-07	1.12E-07	5.15E-09	1.24E-07	2.75E-08	3.66E-08	5.81E-08	1.02E-08	7.36E-09	2.69E-07

2532	387502.74, 3749284.85	8.87012	4.32E-04	6.00E-04	2.13E-03	1.49E-07	4.51E-07	2.61E-07	2.61E-07	2.37E-07	1.08E-07	1.08E-07	4.99E-09	1.21E-07	2.66E-08	3.55E-08	5.63E-08	9.92E-09	7.13E-09	2.61E-07
2533	387502.74, 3749309.85	8.64534	4.21E-04	5.85E-04	2.07E-03	1.46E-07	4.40E-07	2.55E-07	2.55E-07	2.31E-07	1.05E-07	1.05E-07	4.87E-09	1.18E-07	2.59E-08	3.46E-08	5.49E-08	9.67E-09	6.95E-09	2.54E-07
2534	387502.74, 3749334.85	8.41931	4.10E-04	5.70E-04	2.02E-03	1.42E-07	4.28E-07	2.48E-07	2.48E-07	2.25E-07	1.03E-07	1.03E-07	4.74E-09	1.14E-07	2.53E-08	3.37E-08	5.34E-08	9.41E-09	6.77E-09	2.48E-07
2535	387502.74, 3749359.85	8.21534	4.00E-04	5.56E-04	1.97E-03	1.38E-07	4.18E-07	2.42E-07	2.42E-07	2.19E-07	1.00E-07	1.00E-07	4.62E-09	1.12E-07	2.46E-08	3.29E-08	5.21E-08	9.19E-09	6.60E-09	2.42E-07
2536	387502.74, 3749384.85	7.99374	3.89E-04	5.41E-04	1.92E-03	1.35E-07	4.07E-07	2.35E-07	2.35E-07	2.13E-07	9.74E-08	9.74E-08	4.50E-09	1.09E-07	2.40E-08	3.20E-08	5.07E-08	8.94E-09	6.42E-09	2.35E-07
2537	387502.74, 3749409.85	7.81671	3.81E-04	5.29E-04	1.87E-03	1.32E-07	3.98E-07	2.30E-07	2.30E-07	2.09E-07	9.52E-08	9.52E-08	4.40E-09	1.06E-07	2.34E-08	3.13E-08	4.96E-08	8.74E-09	6.28E-09	2.30E-07
2538	387502.74, 3749434.85	7.62585	3.71E-04	5.16E-04	1.83E-03	1.29E-07	3.88E-07	2.25E-07	2.25E-07	2.04E-07	9.29E-08	9.29E-08	4.29E-09	1.04E-07	2.29E-08	3.05E-08	4.84E-08	8.53E-09	6.13E-09	2.24E-07
2539	387502.74, 3749459.85	7.44849	3.63E-04	5.04E-04	1.79E-03	1.26E-07	3.79E-07	2.19E-07	2.19E-07	1.99E-07	9.08E-08	9.08E-08	4.19E-09	1.01E-07	2.23E-08	2.98E-08	4.73E-08	8.33E-09	5.99E-09	2.19E-07
2540	387502.74, 3749484.85	7.29261	3.55E-04	4.93E-04	1.75E-03	1.23E-07	3.71E-07	2.15E-07	2.15E-07	1.95E-07	8.89E-08	8.89E-08	4.10E-09	9.91E-08	2.19E-08	2.92E-08	4.63E-08	8.16E-09	5.86E-09	2.15E-07
2541	387502.74, 3749509.85	7.14872	3.48E-04	4.84E-04	1.71E-03	1.20E-07	3.64E-07	2.11E-07	2.11E-07	1.91E-07	8.71E-08	8.71E-08	4.02E-09	9.72E-08	2.14E-08	2.86E-08	4.54E-08	7.99E-09	5.75E-09	2.10E-07
2542	387502.74, 3749534.85	6.98159	3.40E-04	4.72E-04	1.67E-03	1.18E-07	3.55E-07	2.06E-07	2.06E-07	1.86E-07	8.51E-08	8.51E-08	3.93E-09	9.49E-08	2.09E-08	2.79E-08	4.43E-08	7.81E-09	5.61E-09	2.05E-07
2543	387502.74, 3749559.85	6.7964	3.31E-04	4.60E-04	1.63E-03	1.15E-07	3.46E-07	2.00E-07	2.00E-07	1.81E-07	8.28E-08	8.28E-08	3.83E-09	9.24E-08	2.04E-08	2.72E-08	4.31E-08	7.60E-09	5.46E-09	2.00E-07
2544	387502.74, 3749584.85	6.66395	3.24E-04	4.51E-04	1.60E-03	1.12E-07	3.39E-07	1.96E-07	1.96E-07	1.78E-07	8.12E-08	8.12E-08	3.75E-09	9.06E-08	2.00E-08	2.67E-08	4.23E-08	7.45E-09	5.36E-09	1.96E-07
2545	387502.74, 3749609.85	6.52043	3.17E-04	4.41E-04	1.56E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.95E-08	7.95E-08	3.67E-09	8.86E-08	1.96E-08	2.61E-08	4.14E-08	7.29E-09	5.24E-09	1.92E-07
2546	387502.74, 3749634.85	6.39897	3.12E-04	4.33E-04	1.53E-03	1.08E-07	3.26E-07	1.89E-07	1.89E-07	1.71E-07	7.80E-08	7.80E-08	3.60E-09	8.70E-08	1.92E-08	2.56E-08	4.06E-08	7.16E-09	5.14E-09	1.88E-07
2547	387502.74, 3749659.85	6.31918	3.08E-04	4.27E-04	1.51E-03	1.07E-07	3.22E-07	1.86E-07	1.86E-07	1.69E-07	7.70E-08	7.70E-08	3.56E-09	8.59E-08	1.90E-08	2.53E-08	4.01E-08	7.07E-09	5.08E-09	1.86E-07
2548	387502.74, 3749684.85	6.17863	3.01E-04	4.18E-04	1.48E-03	1.04E-07	3.14E-07	1.82E-07	1.82E-07	1.65E-07	7.53E-08	7.53E-08	3.48E-09	8.40E-08	1.85E-08	2.47E-08	3.92E-08	6.91E-09	4.97E-09	1.82E-07
2549	387502.74, 3749709.85	6.07045	2.96E-04	4.11E-04	1.45E-03	1.02E-07	3.09E-07	1.79E-07	1.79E-07	1.62E-07	7.40E-08	7.40E-08	3.42E-09	8.25E-08	1.82E-08	2.43E-08	3.85E-08	6.79E-09	4.88E-09	1.79E-07
2550	387502.74, 3749734.85	5.9731	2.91E-04	4.04E-04	1.43E-03	1.01E-07	3.04E-07	1.76E-07	1.76E-07	1.60E-07	7.28E-08	7.28E-08	3.36E-09	8.12E-08	1.79E-08	2.39E-08	3.79E-08	6.68E-09	4.80E-09	1.76E-07
2551	387502.74, 3749759.85	5.87853	2.86E-04	3.98E-04	1.41E-03	9.91E-08	2.99E-07	1.73E-07	1.73E-07	1.57E-07	7.16E-08	7.16E-08	3.31E-09	7.99E-08	1.76E-08	2.35E-08	3.73E-08	6.57E-09	4.72E-09	1.73E-07
2552	387502.74, 3749784.85	5.77488	2.81E-04	3.91E-04	1.38E-03	9.73E-08	2.94E-07	1.70E-07	1.70E-07	1.54E-07	7.04E-08	7.04E-08	3.25E-09	7.85E-08	1.73E-08	2.31E-08	3.66E-08	6.46E-09	4.64E-09	1.70E-07
2553	387502.74, 3749809.85	5.65676	2.75E-04	3.83E-04	1.36E-03	9.53E-08	2.88E-07	1.67E-07	1.67E-07	1.51E-07	6.89E-08	6.89E-08	3.18E-09	7.69E-08	1.70E-08	2.26E-08	3.59E-08	6.33E-09	4.55E-09	1.66E-07
2554	387502.74, 3749834.85	5.55445	2.70E-04	3.76E-04	1.33E-03	9.36E-08	2.83E-07	1.64E-07	1.64E-07	1.48E-07	6.77E-08	6.77E-08	3.13E-09	7.55E-08	1.67E-08	2.22E-08	3.52E-08	6.21E-09	4.46E-09	1.63E-07
2555	387502.74, 3749859.85	5.47128	2.66E-04	3.70E-04	1.31E-03	9.22E-08	2.78E-07	1.61E-07	1.61E-07	1.46E-07	6.67E-08	6.67E-08	3.08E-09	7.44E-08	1.64E-08	2.19E-08	3.47E-08	6.12E-09	4.40E-09	1.61E-07
2556	387502.74, 3749884.85	5.40038	2.63E-04	3.65E-04	1.29E-03	9.10E-08	2.75E-07	1.59E-07	1.59E-07	1.44E-07	6.58E-08	6.58E-08	3.04E-09	7.34E-08	1.62E-08	2.16E-08	3.43E-08	6.04E-09	4.34E-09	1.59E-07
2557	387502.74, 3749909.85	5.29042	2.58E-04	3.58E-04	1.27E-03	8.92E-08	2.69E-07	1.56E-07	1.56E-07	1.41E-07	6.45E-08	6.45E-08	2.98E-09	7.19E-08	1.59E-08	2.12E-08	3.36E-08	5.92E-09	4.25E-09	1.56E-07
2558	387502.74, 3749934.85	5.20099	2.53E-04	3.52E-04	1.25E-03	8.77E-08	2.65E-07	1.53E-07	1.53E-07	1.39E-07	6.34E-08	6.34E-08	2.93E-09	7.07E-08	1.56E-08	2.08E-08	3.30E-08	5.82E-09	4.18E-09	1.53E-07
2559	387502.74, 3749959.85	5.10994	2.49E-04	3.46E-04	1.22E-03	8.61E-08	2.60E-07	1.51E-07	1.51E-07	1.36E-07	6.23E-08	6.23E-08	2.88E-09	6.95E-08	1.53E-08	2.04E-08	3.24E-08	5.71E-09	4.11E-09	1.50E-07
2560	387502.74, 3749984.85	5.06034	2.46E-04	3.42E-04	1.21E-03	8.53E-08	2.58E-07	1.49E-07	1.49E-07	1.35E-07	6.17E-08	6.17E-08	2.85E-09	6.88E-08	1.52E-08	2.02E-08	3.21E-08	5.66E-09	4.07E-09	1.49E-07
2561	387502.74, 3750009.85	5.0201	2.44E-04	3.40E-04	1.20E-03	8.46E-08	2.55E-07	1.48E-07	1.48E-07	1.34E-07	6.12E-08	6.12E-08	2.83E-09	6.82E-08	1.51E-08	2.01E-08	3.19E-08	5.61E-09	4.03E-09	1.48E-07
2562	387502.74, 3750034.85	4.95199	2.41E-04	3.35E-04	1.19E-03	8.35E-08	2.52E-07	1.46E-07	1.46E-07	1.32E-07	6.03E-08	6.03E-08	2.79E-09	6.73E-08	1.49E-08	1.98E-08	3.14E-08	5.54E-09	3.98E-09	1.46E-07
2563	387502.74, 3750059.85	4.86275	2.37E-04	3.29E-04	1.17E-03	8.20E-08	2.47E-07	1.43E-07	1.43E-07	1.30E-07	5.93E-08	5.93E-08	2.74E-09	6.61E-08	1.46E-08	1.94E-08	3.09E-08	5.44E-09	3.91E-09	1.43E-07
2564	387502.74, 3750084.85	4.79482	2.33E-04	3.24E-04	1.15E-03	8.08E-08	2.44E-07	1.41E-07	1.41E-07	1.28E-07	5.84E-08	5.84E-08	2.70E-09	6.52E-08	1.44E-08	1.92E-08	3.04E-08	5.36E-09	3.85E-09	1.41E-07
2565	387502.74, 3750109.85	4.74663	2.31E-04	3.21E-04	1.14E-03	8.00E-08	2.42E-07	1.40E-07	1.40E-07	1.27E-07	5.78E-08	5.78E-08	2.67E-09	6.45E-08	1.42E-08	1.90E-08	3.01E-08	5.31E-09	3.82E-09	1.40E-07
2566	387502.74, 3750134.85	4.69485	2.29E-04	3.18E-04	1.13E-03	7.91E-08	2.39E-07	1.38E-07	1.38E-07	1.25E-07	5.72E-08	5.72E-08	2.64E-09	6.38E-08	1.41E-08	1.88E-08	2.98E-08	5.25E-09	3.77E-09	1.38E-07
2567	387502.74, 3750159.85	4.62448	2.25E-04	3.13E-04	1.11E-03	7.79E-08	2.35E-07	1.36E-07	1.36E-07	1.23E-07	5.64E-08	5.64E-08	2.60E-09	6.29E-08	1.39E-08	1.85E-08	2.93E-08	5.17E-09	3.72E-09	1.36E-07
2568	387502.74, 3750184.85	4.56359	2.22E-04	3.09E-04	1.09E-03	7.69E-08	2.32E-07	1.34E-07	1.34E-07	1.22E-07	5.56E-08	5.56E-08	2.57E-09	6.20E-08	1.37E-08	1.83E-08	2.90E-08	5.10E-09	3.67E-09	1.34E-07
2569	387502.74, 3750209.85	4.49548	2.19E-04	3.04E-04	1.08E-03	7.58E-08	2.29E-07	1.32E-07	1.32E-07	1.20E-07	5.48E-08	5.48E-08	2.53E-09	6.11E-08	1.35E-08	1.80E-08	2.85E-08	5.03E-09	3.61E-09	1.32E-07
2570	387502.74, 3750234.85	4.44224	2.16E-04	3.00E-04	1.06E-03	7.49E-08	2.26E-07	1.31E-07	1.31E-07	1.19E-07	5.41E-08	5.41E-08	2.50E-09	6.04E-08	1.33E-08	1.78E-08	2.82E-08	4.97E-09	3.57E-09	1.31E-07
2571	387502.74, 3750259.85	4.38419	2.13E-04	2.97E-04	1.05E-03	7.39E-08	2.23E-07	1.29E-07	1.29E-07	1.17E-07	5.34E-08	5.34E-08	2.47E-09	5.96E-08	1.32E-08	1.75E-08	2.78E-08	4.90E-09	3.52E-09	1.29E-07
2572	387502.74, 3750284.85	4.31748	2.10E-04	2.92E-04	1.03E-03	7.28E-08	2.20E-07	1.27E-07	1.27E-07	1.15E-07	5.26E-08	5.26E-08	2.43E-09	5.87E-08	1.30E-08	1.73E-08	2.74E-08	4.83E-09	3.47E-09	1.27E-07
2573	387502.74, 3750309.85	4.26469	2.08E-04	2.88E-04	1.02E-03	7.19E-08	2.17E-07	1.26E-07	1.26E-07	1.14E-07	5.20E-08	5.20E-08	2.40E-09	5.80E-08	1.28E-08	1.71E-08	2.71E-08	4.77E-09	3.43E-09	1.25E-07
2574	387502.74, 3750334.85	4.20869	2.05E-04	2.85E-04	1.01E-03	7.09E-08	2.14E-07	1.24E-07	1.24E-07	1.12E-07	5.13E-08	5.13E-08	2.37E-09	5.72E-08	1.26E-08	1.68E-08	2.67E-08	4.71E-09	3.38E-09	1.24E-07
2575	387502.74, 3750359.85	4.16213	2.03E-04	2.82E-04	9.98E-04	7.01E-08	2.12E-07	1.23E-07	1.23E-07	1.11E-07	5.07E-08	5.07E-08	2.34E-09	5.66E-08	1.25E-08	1.66E-08	2.64E-08	4.65E-09	3.35E-09	1.22E-07
2576	387502.74, 3750384.85	4.1251	2.01E-04	2.79E-04	9.89E-04	6.95E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.61E-08	1.24E-08	1.65E-08	2.62E-08	4.61E-09	3.32E-09	1.21E-07
2577	387502.74, 3750409.85	4.07829	1.99E-04	2.76E-04	9.77E-04	6.87E-08	2.08E-07	1.20E-07	1.20E-07	1.09E-07	4.97E-08	4.97E-08	2.30E-09	5.54E-08	1.22E-08	1.63E-08	2.59E-08	4.56E-09	3.28E-09	1.20E-07
2578	387502.74, 3750434.85	4.03965	1.97E-04	2.73E-04	9.68E-04	6.81E-08	2.06E-07	1.19E-07	1.19E-07	1.08E-07	4.92E-08	4.92E-08	2.27E-09	5.49E-08	1.21E-08	1.62E-08	2.56E-08	4.52E-09	3.25E-09	1.19E-07
2579	387502.74, 3750459.85	4.0001	1.95E-04	2.71E-04	9.59E-04	6.74E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.44E-08	1.20E-08	1.60E-08	2.54E-08	4.47E-09	3.22E-09	1.18E-07
2580	387502.74, 3750484.85	3.95647	1.93E-04	2.68E-04	9.48E-04	6.67E-08	2.01E-07	1.17E-07	1.17E-07	1.06E-07	4.82E-08	4.82E-08	2.23E-09	5.38E-08	1.19E-08	1.58E-08	2.51E-08	4.42E-09	3.18E-09	1.16E-07
2581	387502.74, 3750509.85	3.91238	1.90E-04	2.65E-04	9.38E-04	6.59E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.77E-08	4.77E-08	2.20E-09	5.32E-08	1.17E-08	1.56E-08	2.48E-08	4.38E-09	3.14E-09	1.15E-07
2582	387502.74, 3750534.85	3.87827	1.89E-04	2.62E-04	9.30E-04	6.54E-08	1.97E-07	1.14E-07	1.14E-07	1.04E-07	4.73E-08	4.73E-08	2.18E-09	5.27E-08	1.16E-08	1.55E-08	2.46E-08	4.34E-09	3.12E-09	1.14E-07
2583	387502.74, 3750559.85	3.82175	1.86E-04	2.59E-04	9.16E-04	6.44E-08	1.94E-07	1.13E-07	1.13E-07	1.02E-07	4.66E-08	4.66E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.42E-08	4.27E-09	3.07E-09	1.12E-07
2584	387502.74, 3750584.85	3.78847	1.84E-04	2.56E-04	9.08E-04	6.39E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.62E-08	4.62E-08	2.13E-09	5.15E-08	1.14E-08	1.52E-08	2.40E-08	4.24E-09	3.04E-09	1.11E-07
2585	387502.74, 3750609.85	3.75477	1.83E-04	2.54E-04	9.00E-04	6.33E-08	1.91E-07	1.11E-07	1.11E-07	1.00E-07	4.58E-08	4.58E-08	2.11E-09	5.10E-08	1.13E-08	1.50E-08	2.38E-08	4.20E-09	3.02E-09	1.10E-07
2586	387502.74, 3750634.85	3.70998	1.81E-04	2.51E-04	8.89E-04	6.25E-08	1.89E-07	1.09E-07	1.09E-07	9.91E-08	4.52E-08	4.52E-08	2.09E-09	5.04E-08	1.11E-08	1.48E-08	2.35E-08	4.15E-09	2.98E-09	1.09E-07
2587	387502.74, 3750659.85	3.64628	1.78E-04	2.47E-04	8.74E-04	6.15E-08	1.86E-07	1.07E-07	1.07E-07	9.74E-08	4.44E-08	4.44E-08	2.05E-09	4.96E-08	1.09E-08	1.46E-08	2.31E-08	4.08E-09	2.93E-09	1.07E-07
2588	387502.74, 3750684.85	3.6144	1.76E-04	2.44E-04	8.66E-04	6.09E-08	1.84E-07	1.06E-07	1.06E-07	9.65E-08	4.40E-08	4.40E-08	2.03E-09	4.91E-08	1.08E-08	1.45E-08	2.29E-08	4.04E-09	2.91E-09	1.06E-07
2589	387502.74, 3750709.85	3.58894	1.75E-04	2.43E-04	8.60E-04	6.05E-08	1.83E-07	1.06E-07	1.06E-07	9.58E-08	4.37E-08	4.37E-08	2.02E-09	4.88E-08	1.08E-08	1.44E-08	2.28E-08	4.01E-09	2.88E-09	1.06E-07
2590	387502.74, 3750734.85	3.53709	1.72E-04	2.39E-04	8.48E-04	5.96E-08	1.80E-07	1.04E-07	1.04E-07	9.45E-08	4.31E-08	4.31E-08	1.99E-09	4.81E-08	1.06E-08	1.41E-08	2.24E-08	3.96E-09	2.84E-09	1.04E-07
2591	387502.74, 3750759.85	3.50466	1.71E-04	2.37E-04	8.40E-04	5.91E-08	1.78E-07	1.03E-07	1.03E-07	9.36E-08	4.27E-08	4.27E-08	1.97E-09	4.76E-08	1.05E-08	1.40E-08	2.22E-08	3.92E-09	2.82E-09	1.03E-07
2592	387502.74, 3750784.85	3.46575	1.69E-04	2.34E-04	8.31E-04	5.84E-08	1.76E-07	1.02E-07	1.02E-07	9.26E-08	4.22E-08	4.22E-08	1.95E-09	4.71E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2593	387502.74, 3750809.85	3.42785	1.67E-04	2.32E-04	8.22E-04	5.78E-08	1.74E-07	1.01E-07	1.01E-07	9.15E-08	4.18E-08	4.18E-08	1.93E-09	4.66E-08	1.03E-08	1.37E-08	2.17E-08	3.83E-09	2.76E-09	1.01E-07
2594	387502.74, 3750834.85	3.38661	1.65E-04	2.29E-04	8.12E-04	5.71E-08	1.72E-07	9.98E-08	9.98E-08	9.04E-08	4.13E-08	4.13E-08	1.91E-09	4.60E-08	1.02E-08	1.35E-08	2.15E-08	3.79E-09	2.72E-09	9.96E-08
2595	387502.74, 3750859.85	3.35939	1.64E-04	2.27E-04	8.05E-04	5.66E-08	1.71E-07	9.90E-08	9.90E-08	8.97E-08	4.09E-08	4.09E-08	1.89E-09	4.57E-08	1.01E-08	1.34E-08	2.13E-08	3.76E-09	2.70E-09	9.88E-08
2596	387527.74, 3748984.85	8.66381	4.22E-04	5.86E-04	2.08E-03	1.46E-07	4.41E-07	2.55E-07	2.55E-07	2.31E-07	1.06E-07	1.06E-07	4.88E-09	1.18E-07	2.60E-08	3.47E-08	5.50E-08	9.69E-09	6.96E-09	2.55E-07

2597	387527.74, 3749009.85	8.68058	4.23E-04	5.87E-04	2.08E-03	1.46E-07	4.42E-07	2.56E-07	2.56E-07	2.32E-07	1.06E-07	1.06E-07	4.89E-09	1.18E-07	2.60E-08	3.47E-08	5.51E-08	9.71E-09	6.98E-09	2.55E-07
2598	387527.74, 3749034.85	8.62577	4.20E-04	5.83E-04	2.07E-03	1.45E-07	4.39E-07	2.54E-07	2.54E-07	2.30E-07	1.05E-07	1.05E-07	4.85E-09	1.17E-07	2.59E-08	3.45E-08	5.47E-08	9.65E-09	6.93E-09	2.54E-07
2599	387527.74, 3749059.85	8.50972	4.14E-04	5.76E-04	2.04E-03	1.43E-07	4.33E-07	2.51E-07	2.51E-07	2.27E-07	1.04E-07	1.04E-07	4.79E-09	1.16E-07	2.55E-08	3.40E-08	5.40E-08	9.52E-09	6.84E-09	2.50E-07
2600	387527.74, 3749084.85	8.37068	4.08E-04	5.66E-04	2.01E-03	1.41E-07	4.26E-07	2.47E-07	2.47E-07	2.24E-07	1.02E-07	1.02E-07	4.71E-09	1.14E-07	2.51E-08	3.35E-08	5.31E-08	9.36E-09	6.73E-09	2.46E-07
2601	387527.74, 3749109.85	8.21945	4.00E-04	5.56E-04	1.97E-03	1.39E-07	4.18E-07	2.42E-07	2.42E-07	2.19E-07	1.00E-07	1.00E-07	4.63E-09	1.12E-07	2.47E-08	3.29E-08	5.22E-08	9.19E-09	6.61E-09	2.42E-07
2602	387527.74, 3749134.85	8.04924	3.92E-04	5.44E-04	1.93E-03	1.36E-07	4.10E-07	2.37E-07	2.37E-07	2.15E-07	9.81E-08	9.81E-08	4.53E-09	1.09E-07	2.41E-08	3.22E-08	5.11E-08	9.00E-09	6.47E-09	2.37E-07
2603	387527.74, 3749159.85	7.88472	3.84E-04	5.33E-04	1.89E-03	1.33E-07	4.01E-07	2.32E-07	2.32E-07	2.11E-07	9.61E-08	9.61E-08	4.44E-09	1.07E-07	2.37E-08	3.15E-08	5.00E-08	8.82E-09	6.34E-09	2.32E-07
2604	387527.74, 3749184.85	7.72546	3.76E-04	5.23E-04	1.85E-03	1.30E-07	3.93E-07	2.28E-07	2.28E-07	2.06E-07	9.41E-08	9.41E-08	4.35E-09	1.05E-07	2.32E-08	3.09E-08	4.90E-08	8.64E-09	6.21E-09	2.27E-07
2605	387527.74, 3749209.85	7.55538	3.68E-04	5.11E-04	1.81E-03	1.27E-07	3.84E-07	2.23E-07	2.23E-07	2.02E-07	9.21E-08	9.21E-08	4.25E-09	1.03E-07	2.27E-08	3.02E-08	4.79E-08	8.45E-09	6.07E-09	2.22E-07
2606	387527.74, 3749234.85	7.39147	3.60E-04	5.00E-04	1.77E-03	1.25E-07	3.76E-07	2.18E-07	2.18E-07	1.97E-07	9.01E-08	9.01E-08	4.16E-09	1.00E-07	2.22E-08	2.96E-08	4.69E-08	8.27E-09	5.94E-09	2.17E-07
2607	387527.74, 3749259.85	7.21929	3.51E-04	4.88E-04	1.73E-03	1.22E-07	3.67E-07	2.13E-07	2.13E-07	1.93E-07	8.80E-08	8.80E-08	4.06E-09	9.81E-08	2.17E-08	2.89E-08	4.58E-08	8.07E-09	5.80E-09	2.12E-07
2608	387527.74, 3749284.85	7.05592	3.44E-04	4.77E-04	1.69E-03	1.19E-07	3.59E-07	2.08E-07	2.08E-07	1.88E-07	8.60E-08	8.60E-08	3.97E-09	9.59E-08	2.12E-08	2.82E-08	4.48E-08	7.89E-09	5.67E-09	2.08E-07
2609	387527.74, 3749309.85	6.94489	3.38E-04	4.70E-04	1.66E-03	1.17E-07	3.53E-07	2.05E-07	2.05E-07	1.85E-07	8.46E-08	8.46E-08	3.91E-09	9.44E-08	2.08E-08	2.78E-08	4.41E-08	7.77E-09	5.58E-09	2.04E-07
2610	387527.74, 3749334.85	6.79199	3.31E-04	4.59E-04	1.63E-03	1.14E-07	3.46E-07	2.00E-07	2.00E-07	1.81E-07	8.28E-08	8.28E-08	3.82E-09	9.23E-08	2.04E-08	2.72E-08	4.31E-08	7.60E-09	5.46E-09	2.00E-07
2611	387527.74, 3749359.85	6.66739	3.25E-04	4.51E-04	1.60E-03	1.12E-07	3.39E-07	1.96E-07	1.96E-07	1.78E-07	8.12E-08	8.12E-08	3.75E-09	9.06E-08	2.00E-08	2.67E-08	4.23E-08	7.46E-09	5.36E-09	1.96E-07
2612	387527.74, 3749384.85	6.52975	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.96E-08	7.96E-08	3.67E-09	8.88E-08	1.96E-08	2.61E-08	4.14E-08	7.30E-09	5.25E-09	1.92E-07
2613	387527.74, 3749409.85	6.42298	3.13E-04	4.34E-04	1.54E-03	1.08E-07	3.27E-07	1.89E-07	1.89E-07	1.72E-07	7.83E-08	7.83E-08	3.61E-09	8.73E-08	1.93E-08	2.57E-08	4.08E-08	7.18E-09	5.16E-09	1.89E-07
2614	387527.74, 3749434.85	6.29529	3.07E-04	4.26E-04	1.51E-03	1.06E-07	3.20E-07	1.85E-07	1.85E-07	1.68E-07	7.67E-08	7.67E-08	3.54E-09	8.56E-08	1.89E-08	2.52E-08	3.99E-08	7.04E-09	5.06E-09	1.85E-07
2615	387527.74, 3749459.85	6.20532	3.02E-04	4.20E-04	1.49E-03	1.05E-07	3.16E-07	1.83E-07	1.83E-07	1.66E-07	7.56E-08	7.56E-08	3.49E-09	8.44E-08	1.86E-08	2.48E-08	3.94E-08	6.94E-09	4.99E-09	1.83E-07
2616	387527.74, 3749484.85	6.10831	2.97E-04	4.13E-04	1.46E-03	1.03E-07	3.11E-07	1.80E-07	1.80E-07	1.63E-07	7.44E-08	7.44E-08	3.44E-09	8.30E-08	1.83E-08	2.44E-08	3.88E-08	6.83E-09	4.91E-09	1.80E-07
2617	387527.74, 3749509.85	5.99976	2.92E-04	4.06E-04	1.44E-03	1.01E-07	3.05E-07	1.77E-07	1.77E-07	1.60E-07	7.31E-08	7.31E-08	3.38E-09	8.16E-08	1.80E-08	2.40E-08	3.81E-08	6.71E-09	4.82E-09	1.77E-07
2618	387527.74, 3749534.85	5.89999	2.87E-04	3.99E-04	1.41E-03	9.94E-08	3.00E-07	1.74E-07	1.74E-07	1.58E-07	7.19E-08	7.19E-08	3.32E-09	8.02E-08	1.77E-08	2.36E-08	3.74E-08	6.60E-09	4.74E-09	1.74E-07
2619	387527.74, 3749559.85	5.7996	2.82E-04	3.92E-04	1.39E-03	9.77E-08	2.95E-07	1.71E-07	1.71E-07	1.55E-07	7.07E-08	7.07E-08	3.26E-09	7.88E-08	1.74E-08	2.32E-08	3.68E-08	6.49E-09	4.66E-09	1.71E-07
2620	387527.74, 3749584.85	5.69581	2.77E-04	3.85E-04	1.37E-03	9.60E-08	2.90E-07	1.68E-07	1.68E-07	1.52E-07	6.94E-08	6.94E-08	3.21E-09	7.74E-08	1.71E-08	2.28E-08	3.61E-08	6.37E-09	4.58E-09	1.68E-07
2621	387527.74, 3749609.85	5.59457	2.72E-04	3.78E-04	1.34E-03	9.43E-08	2.85E-07	1.65E-07	1.65E-07	1.49E-07	6.82E-08	6.82E-08	3.15E-09	7.61E-08	1.68E-08	2.24E-08	3.55E-08	6.26E-09	4.50E-09	1.65E-07
2622	387527.74, 3749634.85	5.51402	2.68E-04	3.73E-04	1.32E-03	9.29E-08	2.81E-07	1.62E-07	1.62E-07	1.47E-07	6.72E-08	6.72E-08	3.10E-09	7.50E-08	1.65E-08	2.21E-08	3.50E-08	6.17E-09	4.43E-09	1.62E-07
2623	387527.74, 3749659.85	5.44685	2.65E-04	3.68E-04	1.31E-03	9.18E-08	2.77E-07	1.60E-07	1.60E-07	1.45E-07	6.64E-08	6.64E-08	3.07E-09	7.40E-08	1.63E-08	2.18E-08	3.46E-08	6.09E-09	4.38E-09	1.60E-07
2624	387527.74, 3749684.85	5.3596	2.61E-04	3.63E-04	1.28E-03	9.03E-08	2.73E-07	1.58E-07	1.58E-07	1.43E-07	6.53E-08	6.53E-08	3.02E-09	7.29E-08	1.61E-08	2.14E-08	3.40E-08	5.99E-09	4.31E-09	1.58E-07
2625	387527.74, 3749709.85	5.28946	2.58E-04	3.58E-04	1.27E-03	8.91E-08	2.69E-07	1.56E-07	1.56E-07	1.41E-07	6.45E-08	6.45E-08	2.98E-09	7.19E-08	1.59E-08	2.12E-08	3.36E-08	5.91E-09	4.25E-09	1.56E-07
2626	387527.74, 3749734.85	5.21992	2.54E-04	3.53E-04	1.25E-03	8.80E-08	2.66E-07	1.54E-07	1.54E-07	1.39E-07	6.36E-08	6.36E-08	2.94E-09	7.10E-08	1.57E-08	2.09E-08	3.31E-08	5.84E-09	4.20E-09	1.54E-07
2627	387527.74, 3749759.85	5.15	2.51E-04	3.48E-04	1.23E-03	8.68E-08	2.62E-07	1.52E-07	1.52E-07	1.38E-07	6.28E-08	6.28E-08	2.90E-09	7.00E-08	1.54E-08	2.06E-08	3.27E-08	5.76E-09	4.14E-09	1.52E-07
2628	387527.74, 3749784.85	5.06325	2.47E-04	3.43E-04	1.21E-03	8.53E-08	2.58E-07	1.49E-07	1.49E-07	1.35E-07	6.17E-08	6.17E-08	2.85E-09	6.88E-08	1.52E-08	2.03E-08	3.21E-08	5.66E-09	4.07E-09	1.49E-07
2629	387527.74, 3749809.85	4.98238	2.43E-04	3.37E-04	1.19E-03	8.40E-08	2.54E-07	1.47E-07	1.47E-07	1.33E-07	6.07E-08	6.07E-08	2.80E-09	6.77E-08	1.49E-08	1.99E-08	3.16E-08	5.57E-09	4.00E-09	1.47E-07
2630	387527.74, 3749834.85	4.89806	2.38E-04	3.31E-04	1.17E-03	8.26E-08	2.49E-07	1.44E-07	1.44E-07	1.31E-07	5.97E-08	5.97E-08	2.76E-09	6.66E-08	1.47E-08	1.96E-08	3.11E-08	5.48E-09	3.94E-09	1.44E-07
2631	387527.74, 3749859.85	4.83197	2.35E-04	3.27E-04	1.16E-03	8.14E-08	2.46E-07	1.42E-07	1.42E-07	1.29E-07	5.89E-08	5.89E-08	2.72E-09	6.57E-08	1.45E-08	1.93E-08	3.07E-08	5.40E-09	3.88E-09	1.42E-07
2632	387527.74, 3749884.85	4.78287	2.33E-04	3.24E-04	1.15E-03	8.06E-08	2.43E-07	1.41E-07	1.41E-07	1.28E-07	5.83E-08	5.83E-08	2.69E-09	6.50E-08	1.43E-08	1.91E-08	3.03E-08	5.35E-09	3.84E-09	1.41E-07
2633	387527.74, 3749909.85	4.70257	2.29E-04	3.18E-04	1.13E-03	7.93E-08	2.39E-07	1.39E-07	1.39E-07	1.26E-07	5.73E-08	5.73E-08	2.65E-09	6.39E-08	1.41E-08	1.88E-08	2.98E-08	5.26E-09	3.78E-09	1.38E-07
2634	387527.74, 3749934.85	4.64095	2.26E-04	3.14E-04	1.11E-03	7.82E-08	2.36E-07	1.37E-07	1.37E-07	1.24E-07	5.66E-08	5.66E-08	2.61E-09	6.31E-08	1.39E-08	1.86E-08	2.94E-08	5.19E-09	3.73E-09	1.37E-07
2635	387527.74, 3749959.85	4.59355	2.24E-04	3.11E-04	1.10E-03	7.74E-08	2.34E-07	1.35E-07	1.35E-07	1.23E-07	5.60E-08	5.60E-08	2.59E-09	6.24E-08	1.38E-08	1.84E-08	2.91E-08	5.14E-09	3.69E-09	1.35E-07
2636	387527.74, 3749984.85	4.54325	2.21E-04	3.07E-04	1.09E-03	7.66E-08	2.31E-07	1.34E-07	1.34E-07	1.21E-07	5.54E-08	5.54E-08	2.56E-09	6.18E-08	1.36E-08	1.82E-08	2.88E-08	5.08E-09	3.65E-09	1.34E-07
2637	387527.74, 3750009.85	4.48807	2.19E-04	3.04E-04	1.08E-03	7.56E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.53E-09	6.10E-08	1.35E-08	1.80E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2638	387527.74, 3750034.85	4.43105	2.16E-04	3.00E-04	1.06E-03	7.47E-08	2.25E-07	1.31E-07	1.31E-07	1.18E-07	5.40E-08	5.40E-08	2.49E-09	6.02E-08	1.33E-08	1.77E-08	2.81E-08	4.96E-09	3.56E-09	1.30E-07
2639	387527.74, 3750059.85	4.35835	2.12E-04	2.95E-04	1.04E-03	7.35E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.77E-08	4.87E-09	3.50E-09	1.28E-07
2640	387527.74, 3750084.85	4.3079	2.10E-04	2.91E-04	1.03E-03	7.26E-08	2.19E-07	1.27E-07	1.27E-07	1.15E-07	5.25E-08	5.25E-08	2.42E-09	5.86E-08	1.29E-08	1.72E-08	2.73E-08	4.82E-09	3.46E-09	1.27E-07
2641	387527.74, 3750109.85	4.25636	2.07E-04	2.88E-04	1.02E-03	7.17E-08	2.17E-07	1.25E-07	1.25E-07	1.14E-07	5.19E-08	5.19E-08	2.40E-09	5.79E-08	1.28E-08	1.70E-08	2.70E-08	4.76E-09	3.42E-09	1.25E-07
2642	387527.74, 3750134.85	4.21797	2.05E-04	2.85E-04	1.01E-03	7.11E-08	2.15E-07	1.24E-07	1.24E-07	1.13E-07	5.14E-08	5.14E-08	2.37E-09	5.73E-08	1.27E-08	1.69E-08	2.68E-08	4.72E-09	3.39E-09	1.24E-07
2643	387527.74, 3750159.85	4.17909	2.03E-04	2.83E-04	1.00E-03	7.04E-08	2.13E-07	1.23E-07	1.23E-07	1.12E-07	5.09E-08	5.09E-08	2.35E-09	5.68E-08	1.25E-08	1.67E-08	2.65E-08	4.67E-09	3.36E-09	1.23E-07
2644	387527.74, 3750184.85	4.13067	2.01E-04	2.79E-04	9.90E-04	6.96E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.62E-08	1.24E-08	1.65E-08	2.62E-08	4.62E-09	3.32E-09	1.22E-07
2645	387527.74, 3750209.85	4.07064	1.98E-04	2.75E-04	9.76E-04	6.86E-08	2.07E-07	1.20E-07	1.20E-07	1.09E-07	4.96E-08	4.96E-08	2.29E-09	5.53E-08	1.22E-08	1.63E-08	2.58E-08	4.55E-09	3.27E-09	1.20E-07
2646	387527.74, 3750234.85	4.02345	1.96E-04	2.72E-04	9.64E-04	6.78E-08	2.05E-07	1.19E-07	1.19E-07	1.07E-07	4.90E-08	4.90E-08	2.26E-09	5.47E-08	1.21E-08	1.61E-08	2.55E-08	4.50E-09	3.23E-09	1.18E-07
2647	387527.74, 3750259.85	3.96812	1.93E-04	2.68E-04	9.51E-04	6.69E-08	2.02E-07	1.17E-07	1.17E-07	1.06E-07	4.84E-08	4.84E-08	2.23E-09	5.39E-08	1.19E-08	1.59E-08	2.52E-08	4.44E-09	3.19E-09	1.17E-07
2648	387527.74, 3750284.85	3.91888	1.91E-04	2.65E-04	9.39E-04	6.60E-08	1.99E-07	1.15E-07	1.15E-07	1.05E-07	4.78E-08	4.78E-08	2.21E-09	5.33E-08	1.18E-08	1.57E-08	2.49E-08	4.38E-09	3.15E-09	1.15E-07
2649	387527.74, 3750309.85	3.86791	1.88E-04	2.62E-04	9.27E-04	6.52E-08	1.97E-07	1.14E-07	1.14E-07	1.03E-07	4.71E-08	4.71E-08	2.18E-09	5.26E-08	1.16E-08	1.55E-08	2.45E-08	4.33E-09	3.11E-09	1.14E-07
2650	387527.74, 3750334.85	3.83123	1.87E-04	2.59E-04	9.18E-04	6.46E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.67E-08	4.67E-08	2.16E-09	5.21E-08	1.15E-08	1.53E-08	2.43E-08	4.28E-09	3.08E-09	1.13E-07
2651	387527.74, 3750359.85	3.79386	1.85E-04	2.57E-04	9.09E-04	6.39E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.62E-08	4.62E-08	2.14E-09	5.16E-08	1.14E-08	1.52E-08	2.41E-08	4.24E-09	3.05E-09	1.12E-07
2652	387527.74, 3750384.85	3.75225	1.83E-04	2.54E-04	8.99E-04	6.32E-08	1.91E-07	1.11E-07	1.11E-07	1.00E-07	4.57E-08	4.57E-08	2.11E-09	5.10E-08	1.13E-08	1.50E-08	2.38E-08	4.20E-09	3.02E-09	1.10E-07
2653	387527.74, 3750409.85	3.71704	1.81E-04	2.51E-04	8.91E-04	6.26E-08	1.89E-07	1.10E-07	1.10E-07	9.93E-08	4.53E-08	4.53E-08	2.09E-09	5.05E-08	1.12E-08	1.49E-08	2.36E-08	4.16E-09	2.99E-09	1.09E-07
2654	387527.74, 3750434.85	3.68461	1.79E-04	2.49E-04	8.83E-04	6.21E-08	1.88E-07	1.09E-07	1.09E-07	9.84E-08	4.49E-08	4.49E-08	2.07E-09	5.01E-08	1.11E-08	1.47E-08	2.34E-08	4.12E-09	2.96E-09	1.08E-07
2655	387527.74, 3750459.85	3.65698	1.78E-04	2.47E-04	8.77E-04	6.16E-08	1.86E-07	1.08E-07	1.08E-07	9.77E-08	4.46E-08	4.46E-08	2.06E-09	4.97E-08	1.10E-08	1.46E-08	2.32E-08	4.09E-09	2.94E-09	1.08E-07
2656	387527.74, 3750484.85	3.61915	1.76E-04	2.45E-04	8.67E-04	6.10E-08	1.84E-07	1.07E-07	1.07E-07	9.66E-08	4.41E-08	4.41E-08	2.04E-09	4.92E-08	1.09E-08	1.45E-08	2.30E-08	4.05E-09	2.91E-09	1.06E-07
2657	387527.74, 3750509.85	3.57676	1.74E-04	2.42E-04	8.57E-04	6.03E-08	1.82E-07	1.05E-07	1.05E-07	9.55E-08	4.36E-08	4.36E-08	2.01E-09	4.86E-08	1.07E-08	1.43E-08	2.27E-08	4.00E-09	2.87E-09	1.05E-07
2658	387527.74, 3750534.85	3.5487	1.73E-04	2.40E-04	8.51E-04	5.98E-08	1.81E-07	1.05E-07	1.05E-07	9.48E-08	4.32E-08	4.32E-08	2.00E-09	4.82E-08	1.06E-08	1.42E-08	2.25E-08	3.97E-09	2.85E-09	1.04E-07
2659	387527.74, 3750559.85	3.50457	1.71E-04	2.37E-04	8.40E-04	5.91E-08	1.78E-07	1.03E-07	1.03E-07	9.36E-08	4.27E-08	4.27E-08	1.97E-09	4.76E-08	1.05E-08	1.40E-08	2.22E-08	3.92E-09	2.82E-09	1.03E-07
2660	387527.74, 3750584.85	3.47042	1.69E-04	2.35E-04	8.32E-04	5.85E-08	1.77E-07	1.02E-07	1.02E-07	9.27E-08	4.23E-08	4.23E-08	1.95E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2661	387527.74, 3750609.85	3.44983	1.68E-04	2.33E-04	8.27E-04	5.81E-08	1.76E-07	1.02E-07	1.02E-07	9.21E-08	4.20E-08	4.20E-08	1.94E-09	4.69E-08	1.03E-08	1.38E-08	2.19E-08	3.86E-09	2.77E-09	1.02E-07

2662	387527.74, 3750634.85	3.4155	1.66E-04	2.31E-04	8.19E-04	5.76E-08	1.74E-07	1.01E-07	1.01E-07	9.12E-08	4.16E-08	4.16E-08	1.92E-09	4.64E-08	1.02E-08	1.37E-08	2.17E-08	3.82E-09	2.75E-09	1.00E-07
2663	387527.74, 3750659.85	3.36777	1.64E-04	2.28E-04	8.07E-04	5.68E-08	1.71E-07	9.92E-08	9.92E-08	8.99E-08	4.10E-08	4.10E-08	1.90E-09	4.58E-08	1.01E-08	1.35E-08	2.14E-08	3.77E-09	2.71E-09	9.91E-08
2664	387527.74, 3750684.85	3.32918	1.62E-04	2.25E-04	7.98E-04	5.61E-08	1.69E-07	9.81E-08	9.81E-08	8.89E-08	4.06E-08	4.06E-08	1.87E-09	4.53E-08	9.99E-09	1.33E-08	2.11E-08	3.72E-09	2.68E-09	9.80E-08
2665	387552.74, 3748984.85	6.23747	3.04E-04	4.22E-04	1.49E-03	1.05E-07	3.17E-07	1.84E-07	1.84E-07	1.67E-07	7.60E-08	7.60E-08	3.51E-09	8.48E-08	1.87E-08	2.49E-08	3.96E-08	6.98E-09	5.01E-09	1.84E-07
2666	387552.74, 3749009.85	6.47335	3.15E-04	4.38E-04	1.55E-03	1.09E-07	3.29E-07	1.91E-07	1.91E-07	1.73E-07	7.89E-08	7.89E-08	3.64E-09	8.80E-08	1.94E-08	2.59E-08	4.11E-08	7.24E-09	5.20E-09	1.90E-07
2667	387552.74, 3749034.85	6.53015	3.18E-04	4.42E-04	1.57E-03	1.10E-07	3.32E-07	1.92E-07	1.92E-07	1.74E-07	7.96E-08	7.96E-08	3.68E-09	8.88E-08	1.96E-08	2.61E-08	4.14E-08	7.30E-09	5.25E-09	1.92E-07
2668	387552.74, 3749059.85	6.59397	3.21E-04	4.46E-04	1.58E-03	1.11E-07	3.36E-07	1.94E-07	1.94E-07	1.76E-07	8.03E-08	8.03E-08	3.71E-09	8.96E-08	1.98E-08	2.64E-08	4.18E-08	7.37E-09	5.30E-09	1.94E-07
2669	387552.74, 3749084.85	6.55359	3.19E-04	4.43E-04	1.57E-03	1.10E-07	3.34E-07	1.93E-07	1.93E-07	1.75E-07	7.99E-08	7.99E-08	3.69E-09	8.91E-08	1.97E-08	2.62E-08	4.16E-08	7.33E-09	5.27E-09	1.93E-07
2670	387552.74, 3749109.85	6.49236	3.16E-04	4.39E-04	1.56E-03	1.09E-07	3.30E-07	1.91E-07	1.91E-07	1.73E-07	7.91E-08	7.91E-08	3.65E-09	8.83E-08	1.95E-08	2.60E-08	4.12E-08	7.26E-09	5.22E-09	1.91E-07
2671	387552.74, 3749134.85	6.41418	3.12E-04	4.34E-04	1.54E-03	1.08E-07	3.26E-07	1.89E-07	1.89E-07	1.71E-07	7.82E-08	7.82E-08	3.61E-09	8.72E-08	1.92E-08	2.57E-08	4.07E-08	7.17E-09	5.16E-09	1.89E-07
2672	387552.74, 3749159.85	6.33237	3.08E-04	4.28E-04	1.52E-03	1.07E-07	3.22E-07	1.87E-07	1.87E-07	1.69E-07	7.72E-08	7.72E-08	3.56E-09	8.61E-08	1.90E-08	2.53E-08	4.02E-08	7.08E-09	5.09E-09	1.86E-07
2673	387552.74, 3749184.85	6.24645	3.04E-04	4.23E-04	1.50E-03	1.05E-07	3.18E-07	1.84E-07	1.84E-07	1.67E-07	7.61E-08	7.61E-08	3.52E-09	8.49E-08	1.87E-08	2.50E-08	3.96E-08	6.99E-09	5.02E-09	1.84E-07
2674	387552.74, 3749209.85	6.15159	3.00E-04	4.16E-04	1.47E-03	1.04E-07	3.13E-07	1.81E-07	1.81E-07	1.64E-07	7.50E-08	7.50E-08	3.46E-09	8.36E-08	1.85E-08	2.46E-08	3.90E-08	6.88E-09	4.94E-09	1.81E-07
2675	387552.74, 3749234.85	6.05728	2.95E-04	4.10E-04	1.45E-03	1.02E-07	3.08E-07	1.78E-07	1.78E-07	1.62E-07	7.38E-08	7.38E-08	3.41E-09	8.23E-08	1.82E-08	2.42E-08	3.84E-08	6.77E-09	4.87E-09	1.78E-07
2676	387552.74, 3749259.85	5.95276	2.90E-04	4.03E-04	1.43E-03	1.00E-07	3.03E-07	1.75E-07	1.75E-07	1.59E-07	7.25E-08	7.25E-08	3.35E-09	8.09E-08	1.79E-08	2.38E-08	3.78E-08	6.66E-09	4.78E-09	1.75E-07
2677	387552.74, 3749284.85	5.84958	2.85E-04	3.96E-04	1.40E-03	9.86E-08	2.98E-07	1.72E-07	1.72E-07	1.56E-07	7.13E-08	7.13E-08	3.29E-09	7.95E-08	1.75E-08	2.34E-08	3.71E-08	6.54E-09	4.70E-09	1.72E-07
2678	387552.74, 3749309.85	5.77892	2.81E-04	3.91E-04	1.39E-03	9.74E-08	2.94E-07	1.70E-07	1.70E-07	1.54E-07	7.04E-08	7.04E-08	3.25E-09	7.86E-08	1.73E-08	2.31E-08	3.67E-08	6.46E-09	4.64E-09	1.70E-07
2679	387552.74, 3749334.85	5.68702	2.77E-04	3.85E-04	1.36E-03	9.58E-08	2.89E-07	1.68E-07	1.68E-07	1.52E-07	6.93E-08	6.93E-08	3.20E-09	7.73E-08	1.71E-08	2.27E-08	3.61E-08	6.36E-09	4.57E-09	1.67E-07
2680	387552.74, 3749359.85	5.60358	2.73E-04	3.79E-04	1.34E-03	9.44E-08	2.85E-07	1.65E-07	1.65E-07	1.50E-07	6.83E-08	6.83E-08	3.15E-09	7.62E-08	1.68E-08	2.24E-08	3.56E-08	6.27E-09	4.50E-09	1.65E-07
2681	387552.74, 3749384.85	5.53478	2.69E-04	3.74E-04	1.33E-03	9.33E-08	2.82E-07	1.63E-07	1.63E-07	1.48E-07	6.74E-08	6.74E-08	3.11E-09	7.52E-08	1.66E-08	2.21E-08	3.51E-08	6.19E-09	4.45E-09	1.63E-07
2682	387552.74, 3749409.85	5.45531	2.66E-04	3.69E-04	1.31E-03	9.19E-08	2.78E-07	1.61E-07	1.61E-07	1.46E-07	6.65E-08	6.65E-08	3.07E-09	7.42E-08	1.64E-08	2.18E-08	3.46E-08	6.10E-09	4.38E-09	1.61E-07
2683	387552.74, 3749434.85	5.3792	2.62E-04	3.64E-04	1.29E-03	9.07E-08	2.74E-07	1.58E-07	1.58E-07	1.44E-07	6.55E-08	6.55E-08	3.03E-09	7.31E-08	1.61E-08	2.15E-08	3.41E-08	6.02E-09	4.32E-09	1.58E-07
2684	387552.74, 3749459.85	5.32011	2.59E-04	3.60E-04	1.28E-03	8.97E-08	2.71E-07	1.57E-07	1.57E-07	1.42E-07	6.48E-08	6.48E-08	2.99E-09	7.23E-08	1.60E-08	2.13E-08	3.38E-08	5.95E-09	4.28E-09	1.57E-07
2685	387552.74, 3749484.85	5.25349	2.56E-04	3.55E-04	1.26E-03	8.85E-08	2.67E-07	1.55E-07	1.55E-07	1.40E-07	6.40E-08	6.40E-08	2.96E-09	7.14E-08	1.58E-08	2.10E-08	3.33E-08	5.87E-09	4.22E-09	1.55E-07
2686	387552.74, 3749509.85	5.18198	2.52E-04	3.51E-04	1.24E-03	8.73E-08	2.64E-07	1.53E-07	1.53E-07	1.38E-07	6.31E-08	6.31E-08	2.92E-09	7.04E-08	1.55E-08	2.07E-08	3.29E-08	5.79E-09	4.17E-09	1.52E-07
2687	387552.74, 3749534.85	5.10944	2.49E-04	3.46E-04	1.22E-03	8.61E-08	2.60E-07	1.51E-07	1.51E-07	1.36E-07	6.23E-08	6.23E-08	2.88E-09	6.95E-08	1.53E-08	2.04E-08	3.24E-08	5.71E-09	4.11E-09	1.50E-07
2688	387552.74, 3749559.85	5.03139	2.45E-04	3.40E-04	1.21E-03	8.48E-08	2.56E-07	1.48E-07	1.48E-07	1.34E-07	6.13E-08	6.13E-08	2.83E-09	6.84E-08	1.51E-08	2.01E-08	3.19E-08	5.63E-09	4.04E-09	1.48E-07
2689	387552.74, 3749584.85	4.96981	2.42E-04	3.36E-04	1.19E-03	8.38E-08	2.53E-07	1.46E-07	1.46E-07	1.33E-07	6.06E-08	6.06E-08	2.80E-09	6.76E-08	1.49E-08	1.99E-08	3.15E-08	5.56E-09	3.99E-09	1.46E-07
2690	387552.74, 3749609.85	4.90156	2.39E-04	3.32E-04	1.17E-03	8.26E-08	2.49E-07	1.44E-07	1.44E-07	1.31E-07	5.97E-08	5.97E-08	2.76E-09	6.66E-08	1.47E-08	1.96E-08	3.11E-08	5.48E-09	3.94E-09	1.44E-07
2691	387552.74, 3749634.85	4.8375	2.36E-04	3.27E-04	1.16E-03	8.15E-08	2.46E-07	1.43E-07	1.43E-07	1.29E-07	5.89E-08	5.89E-08	2.72E-09	6.58E-08	1.45E-08	1.93E-08	3.07E-08	5.41E-09	3.89E-09	1.42E-07
2692	387552.74, 3749659.85	4.7931	2.33E-04	3.24E-04	1.15E-03	8.08E-08	2.44E-07	1.41E-07	1.41E-07	1.28E-07	5.84E-08	5.84E-08	2.70E-09	6.52E-08	1.44E-08	1.92E-08	3.04E-08	5.36E-09	3.85E-09	1.41E-07
2693	387552.74, 3749684.85	4.72737	2.30E-04	3.20E-04	1.13E-03	7.97E-08	2.41E-07	1.39E-07	1.39E-07	1.26E-07	5.76E-08	5.76E-08	2.66E-09	6.43E-08	1.42E-08	1.89E-08	3.00E-08	5.29E-09	3.80E-09	1.39E-07
2694	387552.74, 3749709.85	4.67865	2.28E-04	3.16E-04	1.12E-03	7.89E-08	2.38E-07	1.38E-07	1.38E-07	1.25E-07	5.70E-08	5.70E-08	2.63E-09	6.36E-08	1.40E-08	1.87E-08	2.97E-08	5.23E-09	3.76E-09	1.38E-07
2695	387552.74, 3749734.85	4.63077	2.25E-04	3.13E-04	1.11E-03	7.80E-08	2.36E-07	1.36E-07	1.36E-07	1.24E-07	5.64E-08	5.64E-08	2.61E-09	6.30E-08	1.39E-08	1.85E-08	2.94E-08	5.18E-09	3.72E-09	1.36E-07
2696	387552.74, 3749759.85	4.57752	2.23E-04	3.10E-04	1.10E-03	7.71E-08	2.33E-07	1.35E-07	1.35E-07	1.22E-07	5.58E-08	5.58E-08	2.58E-09	6.22E-08	1.37E-08	1.83E-08	2.90E-08	5.12E-09	3.68E-09	1.35E-07
2697	387552.74, 3749784.85	4.51846	2.20E-04	3.06E-04	1.08E-03	7.62E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.51E-08	5.51E-08	2.54E-09	6.14E-08	1.36E-08	1.81E-08	2.87E-08	5.05E-09	3.63E-09	1.33E-07
2698	387552.74, 3749809.85	4.4532	2.17E-04	3.01E-04	1.07E-03	7.51E-08	2.27E-07	1.31E-07	1.31E-07	1.19E-07	5.43E-08	5.43E-08	2.51E-09	6.05E-08	1.34E-08	1.78E-08	2.83E-08	4.98E-09	3.58E-09	1.31E-07
2699	387552.74, 3749834.85	4.39602	2.14E-04	2.97E-04	1.05E-03	7.41E-08	2.24E-07	1.30E-07	1.30E-07	1.17E-07	5.36E-08	5.36E-08	2.47E-09	5.98E-08	1.32E-08	1.76E-08	2.79E-08	4.92E-09	3.53E-09	1.29E-07
2700	387552.74, 3749859.85	4.33474	2.11E-04	2.93E-04	1.04E-03	7.31E-08	2.21E-07	1.28E-07	1.28E-07	1.16E-07	5.28E-08	5.28E-08	2.44E-09	5.89E-08	1.30E-08	1.73E-08	2.75E-08	4.85E-09	3.48E-09	1.28E-07
2701	387552.74, 3749884.85	4.29808	2.09E-04	2.91E-04	1.03E-03	7.24E-08	2.19E-07	1.27E-07	1.27E-07	1.15E-07	5.24E-08	5.24E-08	2.42E-09	5.84E-08	1.29E-08	1.72E-08	2.73E-08	4.81E-09	3.45E-09	1.26E-07
2702	387552.74, 3749909.85	4.23879	2.06E-04	2.87E-04	1.02E-03	7.14E-08	2.16E-07	1.25E-07	1.25E-07	1.13E-07	5.17E-08	5.17E-08	2.39E-09	5.76E-08	1.27E-08	1.70E-08	2.69E-08	4.74E-09	3.41E-09	1.25E-07
2703	387552.74, 3749934.85	4.19282	2.04E-04	2.84E-04	1.00E-03	7.07E-08	2.13E-07	1.24E-07	1.24E-07	1.12E-07	5.11E-08	5.11E-08	2.36E-09	5.70E-08	1.26E-08	1.68E-08	2.66E-08	4.69E-09	3.37E-09	1.23E-07
2704	387552.74, 3749959.85	4.12854	2.01E-04	2.79E-04	9.90E-04	6.96E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.61E-08	1.24E-08	1.65E-08	2.62E-08	4.62E-09	3.32E-09	1.21E-07
2705	387552.74, 3749984.85	4.09802	2.00E-04	2.77E-04	9.82E-04	6.91E-08	2.09E-07	1.21E-07	1.21E-07	1.09E-07	4.99E-08	4.99E-08	2.31E-09	5.57E-08	1.23E-08	1.64E-08	2.60E-08	4.58E-09	3.29E-09	1.21E-07
2706	387552.74, 3750009.85	4.04069	1.97E-04	2.73E-04	9.68E-04	6.81E-08	2.06E-07	1.19E-07	1.19E-07	1.08E-07	4.92E-08	4.92E-08	2.27E-09	5.49E-08	1.21E-08	1.62E-08	2.56E-08	4.52E-09	3.25E-09	1.19E-07
2707	387552.74, 3750034.85	3.99468	1.94E-04	2.70E-04	9.57E-04	6.73E-08	2.03E-07	1.18E-07	1.18E-07	1.07E-07	4.87E-08	4.87E-08	2.25E-09	5.43E-08	1.20E-08	1.60E-08	2.53E-08	4.47E-09	3.21E-09	1.18E-07
2708	387552.74, 3750059.85	3.9527	1.92E-04	2.67E-04	9.47E-04	6.66E-08	2.01E-07	1.16E-07	1.16E-07	1.06E-07	4.82E-08	4.82E-08	2.22E-09	5.37E-08	1.19E-08	1.58E-08	2.51E-08	4.42E-09	3.18E-09	1.16E-07
2709	387552.74, 3750084.85	3.90397	1.90E-04	2.64E-04	9.36E-04	6.58E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.37E-09	3.14E-09	1.15E-07
2710	387552.74, 3750109.85	3.8631	1.88E-04	2.61E-04	9.26E-04	6.51E-08	1.97E-07	1.14E-07	1.14E-07	1.03E-07	4.71E-08	4.71E-08	2.17E-09	5.25E-08	1.16E-08	1.55E-08	2.45E-08	4.32E-09	3.10E-09	1.14E-07
2711	387552.74, 3750134.85	3.82242	1.86E-04	2.59E-04	9.16E-04	6.44E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.66E-08	4.66E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.43E-08	4.27E-09	3.07E-09	1.12E-07
2712	387552.74, 3750159.85	3.78532	1.84E-04	2.56E-04	9.07E-04	6.38E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.61E-08	4.61E-08	2.13E-09	5.15E-08	1.14E-08	1.51E-08	2.40E-08	4.23E-09	3.04E-09	1.11E-07
2713	387552.74, 3750184.85	3.7474	1.82E-04	2.53E-04	8.98E-04	6.32E-08	1.91E-07	1.10E-07	1.10E-07	1.00E-07	4.57E-08	4.57E-08	2.11E-09	5.09E-08	1.12E-08	1.50E-08	2.38E-08	4.19E-09	3.01E-09	1.10E-07
2714	387552.74, 3750209.85	3.70326	1.80E-04	2.51E-04	8.88E-04	6.24E-08	1.88E-07	1.09E-07	1.09E-07	9.89E-08	4.51E-08	4.51E-08	2.08E-09	5.03E-08	1.11E-08	1.48E-08	2.35E-08	4.14E-09	2.98E-09	1.09E-07
2715	387552.74, 3750234.85	3.66711	1.79E-04	2.48E-04	8.79E-04	6.18E-08	1.87E-07	1.08E-07	1.08E-07	9.79E-08	4.47E-08	4.47E-08	2.06E-09	4.99E-08	1.10E-08	1.47E-08	2.33E-08	4.10E-09	2.95E-09	1.08E-07
2716	387552.74, 3750259.85	3.63699	1.77E-04	2.46E-04	8.72E-04	6.13E-08	1.85E-07	1.07E-07	1.07E-07	9.71E-08	4.43E-08	4.43E-08	2.05E-09	4.94E-08	1.09E-08	1.45E-08	2.31E-08	4.07E-09	2.92E-09	1.07E-07
2717	387552.74, 3750284.85	3.59735	1.75E-04	2.43E-04	8.62E-04	6.06E-08	1.83E-07	1.06E-07	1.06E-07	9.61E-08	4.38E-08	4.38E-08	2.02E-09	4.89E-08	1.08E-08	1.44E-08	2.28E-08	4.02E-09	2.89E-09	1.06E-07
2718	387552.74, 3750309.85	3.55472	1.73E-04	2.40E-04	8.52E-04	5.99E-08	1.81E-07	1.05E-07	1.05E-07	9.49E-08	4.33E-08	4.33E-08	2.00E-09	4.83E-08	1.07E-08	1.42E-08	2.26E-08	3.98E-09	2.86E-09	1.05E-07
2719	387552.74, 3750334.85	3.51781	1.71E-04	2.38E-04	8.43E-04	5.93E-08	1.79E-07	1.04E-07	1.04E-07	9.39E-08	4.29E-08	4.29E-08	1.98E-09	4.78E-08	1.06E-08	1.41E-08	2.23E-08	3.93E-09	2.83E-09	1.04E-07
2720	387552.74, 3750359.85	3.48581	1.70E-04	2.36E-04	8.35E-04	5.87E-08	1.77E-07	1.03E-07	1.03E-07	9.31E-08	4.25E-08	4.25E-08	1.96E-09	4.74E-08	1.05E-08	1.39E-08	2.21E-08	3.90E-09	2.80E-09	1.03E-07
2721	387552.74, 3750384.85	3.45341	1.68E-04	2.34E-04	8.28E-04	5.82E-08	1.76E-07	1.02E-07	1.02E-07	9.22E-08	4.21E-08	4.21E-08	1.94E-09	4.69E-08	1.04E-08	1.38E-08	2.19E-08	3.86E-09	2.78E-09	1.02E-07
2722	387552.74, 3750409.85	3.41947	1.66E-04	2.31E-04	8.20E-04	5.76E-08	1.74E-07	1.01E-07	1.01E-07	9.13E-08	4.17E-08	4.17E-08	1.92E-09	4.65E-08	1.03E-08	1.37E-08	2.17E-08	3.82E-09	2.75E-09	1.01E-07
2723	387552.74, 3750434.85	3.39452	1.65E-04	2.30E-04	8.14E-04	5.72E-08	1.73E-07	1.00E-07	1.00E-07	9.07E-08	4.14E-08	4.14E-08	1.91E-09	4.61E-08	1.02E-08	1.36E-08	2.15E-08	3.80E-09	2.73E-09	9.99E-08
2724	387552.74, 3750459.85	3.36156	1.64E-04	2.27E-04	8.06E-04	5.67E-08	1.71E-07	9.90E-08	9.90E-08	8.98E-08	4.10E-08	4.10E-08	1.89E-09	4.57E-08	1.01E-08	1.34E-08	2.13E-08	3.76E-09	2.70E-09	9.89E-08
2725	387552.74, 3750484.85	3.32997	1.62E-04	2.25E-04	7.98E-04	5.61E-08	1.69E-07	9.81E-08	9.81E-08	8.89E-08	4.06E-08	4.06E-08	1.87E-09	4.53E-08	9.99E-09	1.33E-08	2.11E-08	3.72E-09	2.68E-09	9.80E-08
2726	387577.74, 3748984.85	5.06834	2.47E-04	3.43E-04	1.21E-03	8.54E-08	2.58E-07	1.49E-07	1.49E-07	1.35E-07	6.18E-08	6.18E-08	2.85E-09	6.89E-08	1.52E-08	2.03E-08	3.22E-08	5.67E-09	4.07E-09	1.49E-07

2727	387577.74, 3749009.85	5.23994	2.55E-04	3.54E-04	1.26E-03	8.83E-08	2.67E-07	1.54E-07	1.54E-07	1.40E-07	6.39E-08	6.39E-08	2.95E-09	7.12E-08	1.57E-08	2.10E-08	3.32E-08	5.86E-09	4.21E-09	1.54E-07
2728	387577.74, 3749034.85	5.32252	2.59E-04	3.60E-04	1.28E-03	8.97E-08	2.71E-07	1.57E-07	1.57E-07	1.42E-07	6.49E-08	6.49E-08	3.00E-09	7.24E-08	1.60E-08	2.13E-08	3.38E-08	5.95E-09	4.28E-09	1.57E-07
2729	387577.74, 3749059.85	5.34092	2.60E-04	3.61E-04	1.28E-03	9.00E-08	2.72E-07	1.57E-07	1.57E-07	1.43E-07	6.51E-08	6.51E-08	3.01E-09	7.26E-08	1.60E-08	2.14E-08	3.39E-08	5.97E-09	4.29E-09	1.57E-07
2730	387577.74, 3749084.85	5.35781	2.61E-04	3.62E-04	1.28E-03	9.03E-08	2.73E-07	1.58E-07	1.58E-07	1.43E-07	6.53E-08	6.53E-08	3.02E-09	7.28E-08	1.61E-08	2.14E-08	3.40E-08	5.99E-09	4.31E-09	1.58E-07
2731	387577.74, 3749109.85	5.33899	2.60E-04	3.61E-04	1.28E-03	9.00E-08	2.72E-07	1.57E-07	1.57E-07	1.43E-07	6.51E-08	6.51E-08	3.00E-09	7.26E-08	1.60E-08	2.14E-08	3.39E-08	5.97E-09	4.29E-09	1.57E-07
2732	387577.74, 3749134.85	5.30988	2.59E-04	3.59E-04	1.27E-03	8.95E-08	2.70E-07	1.56E-07	1.56E-07	1.42E-07	6.47E-08	6.47E-08	2.99E-09	7.22E-08	1.59E-08	2.12E-08	3.37E-08	5.94E-09	4.27E-09	1.56E-07
2733	387577.74, 3749159.85	5.27114	2.57E-04	3.57E-04	1.26E-03	8.88E-08	2.68E-07	1.55E-07	1.55E-07	1.41E-07	6.42E-08	6.42E-08	2.97E-09	7.17E-08	1.58E-08	2.11E-08	3.34E-08	5.89E-09	4.24E-09	1.55E-07
2734	387577.74, 3749184.85	5.22487	2.54E-04	3.53E-04	1.25E-03	8.81E-08	2.66E-07	1.54E-07	1.54E-07	1.40E-07	6.37E-08	6.37E-08	2.94E-09	7.10E-08	1.57E-08	2.09E-08	3.32E-08	5.84E-09	4.20E-09	1.54E-07
2735	387577.74, 3749209.85	5.17455	2.52E-04	3.50E-04	1.24E-03	8.72E-08	2.63E-07	1.52E-07	1.52E-07	1.38E-07	6.31E-08	6.31E-08	2.91E-09	7.03E-08	1.55E-08	2.07E-08	3.28E-08	5.79E-09	4.16E-09	1.52E-07
2736	387577.74, 3749234.85	5.12081	2.49E-04	3.46E-04	1.23E-03	8.63E-08	2.61E-07	1.51E-07	1.51E-07	1.37E-07	6.24E-08	6.24E-08	2.88E-09	6.96E-08	1.54E-08	2.05E-08	3.25E-08	5.73E-09	4.12E-09	1.51E-07
2737	387577.74, 3749259.85	5.05885	2.46E-04	3.42E-04	1.21E-03	8.53E-08	2.57E-07	1.49E-07	1.49E-07	1.35E-07	6.16E-08	6.16E-08	2.85E-09	6.88E-08	1.52E-08	2.02E-08	3.21E-08	5.66E-09	4.07E-09	1.49E-07
2738	387577.74, 3749284.85	4.9918	2.43E-04	3.38E-04	1.20E-03	8.41E-08	2.54E-07	1.47E-07	1.47E-07	1.33E-07	6.08E-08	6.08E-08	2.81E-09	6.79E-08	1.50E-08	2.00E-08	3.17E-08	5.58E-09	4.01E-09	1.47E-07
2739	387577.74, 3749309.85	4.94316	2.41E-04	3.34E-04	1.18E-03	8.33E-08	2.52E-07	1.46E-07	1.46E-07	1.32E-07	6.02E-08	6.02E-08	2.78E-09	6.72E-08	1.48E-08	1.98E-08	3.14E-08	5.53E-09	3.97E-09	1.45E-07
2740	387577.74, 3749334.85	4.88385	2.38E-04	3.30E-04	1.17E-03	8.23E-08	2.49E-07	1.44E-07	1.44E-07	1.30E-07	5.95E-08	5.95E-08	2.75E-09	6.64E-08	1.47E-08	1.95E-08	3.10E-08	5.46E-09	3.93E-09	1.44E-07
2741	387577.74, 3749359.85	4.82889	2.35E-04	3.27E-04	1.16E-03	8.14E-08	2.46E-07	1.42E-07	1.42E-07	1.29E-07	5.88E-08	5.88E-08	2.72E-09	6.56E-08	1.45E-08	1.93E-08	3.06E-08	5.40E-09	3.88E-09	1.42E-07
2742	387577.74, 3749384.85	4.76689	2.32E-04	3.22E-04	1.14E-03	8.03E-08	2.43E-07	1.40E-07	1.40E-07	1.27E-07	5.81E-08	5.81E-08	2.68E-09	6.48E-08	1.43E-08	1.91E-08	3.02E-08	5.33E-09	3.83E-09	1.40E-07
2743	387577.74, 3749409.85	4.74012	2.31E-04	3.21E-04	1.14E-03	7.99E-08	2.41E-07	1.40E-07	1.40E-07	1.27E-07	5.78E-08	5.78E-08	2.67E-09	6.44E-08	1.42E-08	1.90E-08	3.01E-08	5.30E-09	3.81E-09	1.39E-07
2744	387577.74, 3749434.85	4.69806	2.29E-04	3.18E-04	1.13E-03	7.92E-08	2.39E-07	1.38E-07	1.38E-07	1.25E-07	5.72E-08	5.72E-08	2.64E-09	6.39E-08	1.41E-08	1.88E-08	2.98E-08	5.25E-09	3.78E-09	1.38E-07
2745	387577.74, 3749459.85	4.65003	2.26E-04	3.15E-04	1.11E-03	7.84E-08	2.37E-07	1.37E-07	1.37E-07	1.24E-07	5.67E-08	5.67E-08	2.62E-09	6.32E-08	1.39E-08	1.86E-08	2.95E-08	5.20E-09	3.74E-09	1.37E-07
2746	387577.74, 3749484.85	4.59415	2.24E-04	3.11E-04	1.10E-03	7.74E-08	2.34E-07	1.35E-07	1.35E-07	1.23E-07	5.60E-08	5.60E-08	2.59E-09	6.25E-08	1.38E-08	1.84E-08	2.92E-08	5.14E-09	3.69E-09	1.35E-07
2747	387577.74, 3749509.85	4.52829	2.20E-04	3.06E-04	1.09E-03	7.63E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.52E-08	5.52E-08	2.55E-09	6.16E-08	1.36E-08	1.81E-08	2.87E-08	5.06E-09	3.64E-09	1.33E-07
2748	387577.74, 3749534.85	4.49018	2.19E-04	3.04E-04	1.08E-03	7.57E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.53E-09	6.10E-08	1.35E-08	1.80E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2749	387577.74, 3749559.85	4.44945	2.17E-04	3.01E-04	1.07E-03	7.50E-08	2.26E-07	1.31E-07	1.31E-07	1.19E-07	5.42E-08	5.42E-08	2.50E-09	6.05E-08	1.33E-08	1.78E-08	2.82E-08	4.98E-09	3.58E-09	1.31E-07
2750	387577.74, 3749584.85	4.40235	2.14E-04	2.98E-04	1.06E-03	7.42E-08	2.24E-07	1.30E-07	1.30E-07	1.18E-07	5.36E-08	5.36E-08	2.48E-09	5.98E-08	1.32E-08	1.76E-08	2.79E-08	4.92E-09	3.54E-09	1.30E-07
2751	387577.74, 3749609.85	4.36067	2.12E-04	2.95E-04	1.05E-03	7.35E-08	2.22E-07	1.28E-07	1.28E-07	1.16E-07	5.31E-08	5.31E-08	2.45E-09	5.93E-08	1.31E-08	1.74E-08	2.77E-08	4.88E-09	3.50E-09	1.28E-07
2752	387577.74, 3749634.85	4.31305	2.10E-04	2.92E-04	1.03E-03	7.27E-08	2.19E-07	1.27E-07	1.27E-07	1.15E-07	5.26E-08	5.26E-08	2.43E-09	5.86E-08	1.29E-08	1.73E-08	2.74E-08	4.82E-09	3.47E-09	1.27E-07
2753	387577.74, 3749659.85	4.27407	2.08E-04	2.89E-04	1.02E-03	7.20E-08	2.18E-07	1.26E-07	1.26E-07	1.14E-07	5.21E-08	5.21E-08	2.41E-09	5.81E-08	1.28E-08	1.71E-08	2.71E-08	4.78E-09	3.44E-09	1.26E-07
2754	387577.74, 3749684.85	4.23184	2.06E-04	2.86E-04	1.01E-03	7.13E-08	2.15E-07	1.25E-07	1.25E-07	1.13E-07	5.16E-08	5.16E-08	2.38E-09	5.75E-08	1.27E-08	1.69E-08	2.69E-08	4.73E-09	3.40E-09	1.25E-07
2755	387577.74, 3749709.85	4.19461	2.04E-04	2.84E-04	1.01E-03	7.07E-08	2.13E-07	1.24E-07	1.24E-07	1.12E-07	5.11E-08	5.11E-08	2.36E-09	5.70E-08	1.26E-08	1.68E-08	2.66E-08	4.69E-09	3.37E-09	1.23E-07
2756	387577.74, 3749734.85	4.15657	2.02E-04	2.81E-04	9.96E-04	7.01E-08	2.12E-07	1.22E-07	1.22E-07	1.11E-07	5.06E-08	5.06E-08	2.34E-09	5.65E-08	1.25E-08	1.66E-08	2.64E-08	4.65E-09	3.34E-09	1.22E-07
2757	387577.74, 3749759.85	4.11569	2.00E-04	2.78E-04	9.86E-04	6.94E-08	2.09E-07	1.21E-07	1.21E-07	1.10E-07	5.02E-08	5.02E-08	2.32E-09	5.60E-08	1.23E-08	1.65E-08	2.61E-08	4.60E-09	3.31E-09	1.21E-07
2758	387577.74, 3749784.85	4.07138	1.98E-04	2.75E-04	9.76E-04	6.86E-08	2.07E-07	1.20E-07	1.20E-07	1.09E-07	4.96E-08	4.96E-08	2.29E-09	5.53E-08	1.22E-08	1.63E-08	2.58E-08	4.55E-09	3.27E-09	1.20E-07
2759	387577.74, 3749809.85	4.0326	1.96E-04	2.73E-04	9.67E-04	6.80E-08	2.05E-07	1.19E-07	1.19E-07	1.08E-07	4.91E-08	4.91E-08	2.27E-09	5.48E-08	1.21E-08	1.61E-08	2.56E-08	4.51E-09	3.24E-09	1.19E-07
2760	387577.74, 3749834.85	3.98406	1.94E-04	2.69E-04	9.55E-04	6.71E-08	2.03E-07	1.17E-07	1.17E-07	1.06E-07	4.85E-08	4.85E-08	2.24E-09	5.42E-08	1.20E-08	1.59E-08	2.53E-08	4.46E-09	3.20E-09	1.17E-07
2761	387577.74, 3749859.85	3.93695	1.92E-04	2.66E-04	9.44E-04	6.64E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.80E-08	4.80E-08	2.22E-09	5.35E-08	1.18E-08	1.57E-08	2.50E-08	4.40E-09	3.16E-09	1.16E-07
2762	387577.74, 3749884.85	3.8961	1.90E-04	2.64E-04	9.34E-04	6.57E-08	1.98E-07	1.15E-07	1.15E-07	1.04E-07	4.75E-08	4.75E-08	2.19E-09	5.30E-08	1.17E-08	1.56E-08	2.47E-08	4.36E-09	3.13E-09	1.15E-07
2763	387577.74, 3749909.85	3.85815	1.88E-04	2.61E-04	9.25E-04	6.50E-08	1.96E-07	1.14E-07	1.14E-07	1.03E-07	4.70E-08	4.70E-08	2.17E-09	5.24E-08	1.16E-08	1.54E-08	2.45E-08	4.31E-09	3.10E-09	1.14E-07
2764	387577.74, 3749934.85	3.81864	1.86E-04	2.58E-04	9.15E-04	6.44E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.65E-08	4.65E-08	2.15E-09	5.19E-08	1.15E-08	1.53E-08	2.42E-08	4.27E-09	3.07E-09	1.12E-07
2765	387577.74, 3749959.85	3.78013	1.84E-04	2.56E-04	9.06E-04	6.37E-08	1.92E-07	1.11E-07	1.11E-07	1.01E-07	4.61E-08	4.61E-08	2.13E-09	5.14E-08	1.13E-08	1.51E-08	2.40E-08	4.23E-09	3.04E-09	1.11E-07
2766	387577.74, 3749984.85	3.72823	1.82E-04	2.52E-04	8.94E-04	6.28E-08	1.90E-07	1.10E-07	1.10E-07	9.96E-08	4.54E-08	4.54E-08	2.10E-09	5.07E-08	1.12E-08	1.49E-08	2.37E-08	4.17E-09	3.00E-09	1.10E-07
2767	387577.74, 3750009.85	3.68735	1.80E-04	2.49E-04	8.84E-04	6.21E-08	1.88E-07	1.09E-07	1.09E-07	9.85E-08	4.49E-08	4.49E-08	2.08E-09	5.01E-08	1.11E-08	1.47E-08	2.34E-08	4.12E-09	2.96E-09	1.08E-07
2768	387577.74, 3750034.85	3.64816	1.78E-04	2.47E-04	8.74E-04	6.15E-08	1.86E-07	1.07E-07	1.07E-07	9.74E-08	4.45E-08	4.45E-08	2.05E-09	4.96E-08	1.09E-08	1.46E-08	2.31E-08	4.08E-09	2.93E-09	1.07E-07
2769	387577.74, 3750059.85	3.60987	1.76E-04	2.44E-04	8.65E-04	6.08E-08	1.84E-07	1.06E-07	1.06E-07	9.64E-08	4.40E-08	4.40E-08	2.03E-09	4.91E-08	1.08E-08	1.44E-08	2.29E-08	4.04E-09	2.90E-09	1.06E-07
2770	387577.74, 3750084.85	3.57018	1.74E-04	2.42E-04	8.56E-04	6.02E-08	1.82E-07	1.05E-07	1.05E-07	9.53E-08	4.35E-08	4.35E-08	2.01E-09	4.85E-08	1.07E-08	1.43E-08	2.27E-08	3.99E-09	2.87E-09	1.05E-07
2771	387577.74, 3750109.85	3.5338	1.72E-04	2.39E-04	8.47E-04	5.96E-08	1.80E-07	1.04E-07	1.04E-07	9.44E-08	4.31E-08	4.31E-08	1.99E-09	4.80E-08	1.06E-08	1.41E-08	2.24E-08	3.95E-09	2.84E-09	1.04E-07
2772	387577.74, 3750134.85	3.49802	1.70E-04	2.37E-04	8.38E-04	5.90E-08	1.78E-07	1.03E-07	1.03E-07	9.34E-08	4.26E-08	4.26E-08	1.97E-09	4.76E-08	1.05E-08	1.40E-08	2.22E-08	3.91E-09	2.81E-09	1.03E-07
2773	387577.74, 3750159.85	3.47402	1.69E-04	2.35E-04	8.33E-04	5.86E-08	1.77E-07	1.02E-07	1.02E-07	9.28E-08	4.23E-08	4.23E-08	1.96E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2774	387577.74, 3750184.85	3.44048	1.68E-04	2.33E-04	8.25E-04	5.80E-08	1.75E-07	1.01E-07	1.01E-07	9.19E-08	4.19E-08	4.19E-08	1.94E-09	4.68E-08	1.03E-08	1.38E-08	2.18E-08	3.85E-09	2.77E-09	1.01E-07
2775	387577.74, 3750209.85	3.41033	1.66E-04	2.31E-04	8.17E-04	5.75E-08	1.74E-07	1.00E-07	1.00E-07	9.11E-08	4.16E-08	4.16E-08	1.92E-09	4.64E-08	1.02E-08	1.36E-08	2.16E-08	3.81E-09	2.74E-09	1.00E-07
2776	387577.74, 3750234.85	3.37981	1.65E-04	2.29E-04	8.10E-04	5.70E-08	1.72E-07	9.96E-08	9.96E-08	9.03E-08	4.12E-08	4.12E-08	1.90E-09	4.59E-08	1.01E-08	1.35E-08	2.14E-08	3.78E-09	2.72E-09	9.94E-08
2777	387577.74, 3750259.85	3.34407	1.63E-04	2.26E-04	8.02E-04	5.64E-08	1.70E-07	9.85E-08	9.85E-08	8.93E-08	4.07E-08	4.07E-08	1.88E-09	4.55E-08	1.00E-08	1.34E-08	2.12E-08	3.74E-09	2.69E-09	9.84E-08
2778	387577.74, 3750284.85	3.30353	1.61E-04	2.23E-04	7.92E-04	5.57E-08	1.68E-07	9.73E-08	9.73E-08	8.82E-08	4.03E-08	4.03E-08	1.86E-09	4.49E-08	9.91E-09	1.32E-08	2.10E-08	3.69E-09	2.66E-09	9.72E-08
2779	387577.74, 3750309.85	3.28595	1.60E-04	2.22E-04	7.88E-04	5.54E-08	1.67E-07	9.68E-08	9.68E-08	8.78E-08	4.00E-08	4.00E-08	1.85E-09	4.47E-08	9.86E-09	1.31E-08	2.08E-08	3.67E-09	2.64E-09	9.67E-08
2780	387602.74, 3748984.85	4.12538	2.01E-04	2.79E-04	9.89E-04	6.95E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.61E-08	1.24E-08	1.65E-08	2.62E-08	4.61E-09	3.32E-09	1.21E-07
2781	387602.74, 3749009.85	4.31747	2.10E-04	2.92E-04	1.03E-03	7.28E-08	2.20E-07	1.27E-07	1.27E-07	1.15E-07	5.26E-08	5.26E-08	2.43E-09	5.87E-08	1.30E-08	1.73E-08	2.74E-08	4.83E-09	3.47E-09	1.27E-07
2782	387602.74, 3749034.85	4.42791	2.16E-04	3.00E-04	1.06E-03	7.46E-08	2.25E-07	1.30E-07	1.30E-07	1.18E-07	5.40E-08	5.40E-08	2.49E-09	6.02E-08	1.33E-08	1.77E-08	2.81E-08	4.95E-09	3.56E-09	1.30E-07
2783	387602.74, 3749059.85	4.48773	2.18E-04	3.04E-04	1.08E-03	7.56E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.47E-08	5.47E-08	2.53E-09	6.10E-08	1.35E-08	1.79E-08	2.85E-08	5.02E-09	3.61E-09	1.32E-07
2784	387602.74, 3749084.85	4.51715	2.20E-04	3.06E-04	1.08E-03	7.61E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.50E-08	5.50E-08	2.54E-09	6.14E-08	1.36E-08	1.81E-08	2.87E-08	5.05E-09	3.63E-09	1.33E-07
2785	387602.74, 3749109.85	4.52192	2.20E-04	3.06E-04	1.08E-03	7.62E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.51E-08	5.51E-08	2.54E-09	6.15E-08	1.36E-08	1.81E-08	2.87E-08	5.06E-09	3.63E-09	1.33E-07
2786	387602.74, 3749134.85	4.51793	2.20E-04	3.06E-04	1.08E-03	7.61E-08	2.30E-07	1.33E-07	1.33E-07	1.21E-07	5.51E-08	5.51E-08	2.54E-09	6.14E-08	1.36E-08	1.81E-08	2.87E-08	5.05E-09	3.63E-09	1.33E-07
2787	387602.74, 3749159.85	4.50816	2.19E-04	3.05E-04	1.08E-03	7.60E-08	2.29E-07	1.33E-07	1.33E-07	1.20E-07	5.49E-08	5.49E-08	2.54E-09	6.13E-08	1.35E-08	1.80E-08	2.86E-08	5.04E-09	3.62E-09	1.33E-07
2788	387602.74, 3749184.85	4.48466	2.18E-04	3.03E-04	1.07E-03	7.56E-08	2.28E-07	1.32E-07	1.32E-07	1.20E-07	5.46E-08	5.46E-08	2.52E-09	6.10E-08	1.35E-08	1.79E-08	2.85E-08	5.02E-09	3.60E-09	1.32E-07
2789	387602.74, 3749209.85	4.45673	2.17E-04	3.01E-04	1.07E-03	7.51E-08	2.27E-07	1.31E-07	1.31E-07	1.19E-07	5.43E-08	5.43E-08	2.51E-09	6.06E-08	1.34E-08	1.78E-08	2.83E-08	4.98E-09	3.58E-09	1.31E-07
2790	387602.74, 3749234.85	4.42775	2.16E-04	3.00E-04	1.06E-03	7.46E-08	2.25E-07	1.30E-07	1.30E-07	1.18E-07	5.40E-08	5.40E-08	2.49E-09	6.02E-08	1.33E-08	1.77E-08	2.81E-08	4.95E-09	3.56E-09	1.30E-07
2791	387602.74, 3749259.85	4.39224	2.14E-04	2.97E-04	1.05E-03	7.40E-08	2.24E-07	1.29E-07	1.29E-07	1.17E-07	5.35E-08	5.35E-08	2.47E-09	5.97E-08	1.32E-08	1.76E-08	2.79E-08	4.91E-09	3.53E-09	1.29E-07

2792	387602.74, 3749284.85	4.35117	2.12E-04	2.94E-04	1.04E-03	7.33E-08	2.21E-07	1.28E-07	1.28E-07	1.16E-07	5.30E-08	5.30E-08	2.45E-09	5.92E-08	1.31E-08	1.74E-08	2.76E-08	4.87E-09	3.50E-09	1.28E-07
2793	387602.74, 3749309.85	4.31559	2.10E-04	2.92E-04	1.03E-03	7.27E-08	2.20E-07	1.27E-07	1.27E-07	1.15E-07	5.26E-08	5.26E-08	2.43E-09	5.87E-08	1.29E-08	1.73E-08	2.74E-08	4.83E-09	3.47E-09	1.27E-07
2794	387602.74, 3749334.85	4.28293	2.09E-04	2.90E-04	1.03E-03	7.22E-08	2.18E-07	1.26E-07	1.26E-07	1.14E-07	5.22E-08	5.22E-08	2.41E-09	5.82E-08	1.28E-08	1.71E-08	2.72E-08	4.79E-09	3.44E-09	1.26E-07
2795	387602.74, 3749359.85	4.24246	2.07E-04	2.87E-04	1.02E-03	7.15E-08	2.16E-07	1.25E-07	1.25E-07	1.13E-07	5.17E-08	5.17E-08	2.39E-09	5.77E-08	1.27E-08	1.70E-08	2.69E-08	4.74E-09	3.41E-09	1.25E-07
2796	387602.74, 3749384.85	4.20157	2.05E-04	2.84E-04	1.01E-03	7.08E-08	2.14E-07	1.24E-07	1.24E-07	1.12E-07	5.12E-08	5.12E-08	2.36E-09	5.71E-08	1.26E-08	1.68E-08	2.67E-08	4.70E-09	3.38E-09	1.24E-07
2797	387602.74, 3749409.85	4.16466	2.03E-04	2.82E-04	9.98E-04	7.02E-08	2.12E-07	1.23E-07	1.23E-07	1.11E-07	5.07E-08	5.07E-08	2.34E-09	5.66E-08	1.25E-08	1.67E-08	2.64E-08	4.66E-09	3.35E-09	1.23E-07
2798	387602.74, 3749434.85	4.1268	2.01E-04	2.79E-04	9.89E-04	6.96E-08	2.10E-07	1.22E-07	1.22E-07	1.10E-07	5.03E-08	5.03E-08	2.32E-09	5.61E-08	1.24E-08	1.65E-08	2.62E-08	4.61E-09	3.32E-09	1.21E-07
2799	387602.74, 3749459.85	4.09205	1.99E-04	2.77E-04	9.81E-04	6.90E-08	2.08E-07	1.21E-07	1.21E-07	1.09E-07	4.99E-08	4.99E-08	2.30E-09	5.56E-08	1.23E-08	1.64E-08	2.60E-08	4.58E-09	3.29E-09	1.20E-07
2800	387602.74, 3749484.85	4.06243	1.98E-04	2.75E-04	9.74E-04	6.85E-08	2.07E-07	1.20E-07	1.20E-07	1.08E-07	4.95E-08	4.95E-08	2.29E-09	5.52E-08	1.22E-08	1.62E-08	2.58E-08	4.54E-09	3.27E-09	1.20E-07
2801	387602.74, 3749509.85	4.03591	1.96E-04	2.73E-04	9.67E-04	6.80E-08	2.05E-07	1.19E-07	1.19E-07	1.08E-07	4.92E-08	4.92E-08	2.27E-09	5.49E-08	1.21E-08	1.61E-08	2.56E-08	4.51E-09	3.24E-09	1.19E-07
2802	387602.74, 3749534.85	4.00905	1.95E-04	2.71E-04	9.61E-04	6.76E-08	2.04E-07	1.18E-07	1.18E-07	1.07E-07	4.89E-08	4.89E-08	2.26E-09	5.45E-08	1.20E-08	1.60E-08	2.54E-08	4.48E-09	3.22E-09	1.18E-07
2803	387602.74, 3749559.85	3.98166	1.94E-04	2.69E-04	9.54E-04	6.71E-08	2.03E-07	1.17E-07	1.17E-07	1.06E-07	4.85E-08	4.85E-08	2.24E-09	5.41E-08	1.19E-08	1.59E-08	2.53E-08	4.45E-09	3.20E-09	1.17E-07
2804	387602.74, 3749584.85	3.95171	1.92E-04	2.67E-04	9.47E-04	6.66E-08	2.01E-07	1.16E-07	1.16E-07	1.06E-07	4.82E-08	4.82E-08	2.22E-09	5.37E-08	1.19E-08	1.58E-08	2.51E-08	4.42E-09	3.18E-09	1.16E-07
2805	387602.74, 3749609.85	3.91946	1.91E-04	2.65E-04	9.39E-04	6.61E-08	1.99E-07	1.15E-07	1.15E-07	1.05E-07	4.78E-08	4.78E-08	2.21E-09	5.33E-08	1.18E-08	1.57E-08	2.49E-08	4.38E-09	3.15E-09	1.15E-07
2806	387602.74, 3749634.85	3.8848	1.89E-04	2.63E-04	9.31E-04	6.55E-08	1.98E-07	1.14E-07	1.14E-07	1.04E-07	4.73E-08	4.73E-08	2.19E-09	5.28E-08	1.17E-08	1.55E-08	2.46E-08	4.34E-09	3.12E-09	1.14E-07
2807	387602.74, 3749659.85	3.85575	1.88E-04	2.61E-04	9.24E-04	6.50E-08	1.96E-07	1.14E-07	1.14E-07	1.03E-07	4.70E-08	4.70E-08	2.17E-09	5.24E-08	1.16E-08	1.54E-08	2.45E-08	4.31E-09	3.10E-09	1.13E-07
2808	387602.74, 3749684.85	3.82502	1.86E-04	2.59E-04	9.17E-04	6.45E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.66E-08	4.66E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.43E-08	4.28E-09	3.07E-09	1.13E-07
2809	387602.74, 3749709.85	3.79878	1.85E-04	2.57E-04	9.10E-04	6.40E-08	1.93E-07	1.12E-07	1.12E-07	1.01E-07	4.63E-08	4.63E-08	2.14E-09	5.16E-08	1.14E-08	1.52E-08	2.41E-08	4.25E-09	3.05E-09	1.12E-07
2810	387602.74, 3749734.85	3.76828	1.83E-04	2.55E-04	9.03E-04	6.35E-08	1.92E-07	1.11E-07	1.11E-07	1.01E-07	4.59E-08	4.59E-08	2.12E-09	5.12E-08	1.13E-08	1.51E-08	2.39E-08	4.21E-09	3.03E-09	1.11E-07
2811	387602.74, 3749759.85	3.73514	1.82E-04	2.53E-04	8.95E-04	6.30E-08	1.90E-07	1.10E-07	1.10E-07	9.97E-08	4.55E-08	4.55E-08	2.10E-09	5.08E-08	1.12E-08	1.49E-08	2.37E-08	4.18E-09	3.00E-09	1.10E-07
2812	387602.74, 3749784.85	3.71049	1.81E-04	2.51E-04	8.89E-04	6.25E-08	1.89E-07	1.09E-07	1.09E-07	9.91E-08	4.52E-08	4.52E-08	2.09E-09	5.04E-08	1.11E-08	1.48E-08	2.35E-08	4.15E-09	2.98E-09	1.09E-07
2813	387602.74, 3749809.85	3.67355	1.79E-04	2.48E-04	8.80E-04	6.19E-08	1.87E-07	1.08E-07	1.08E-07	9.81E-08	4.48E-08	4.48E-08	2.07E-09	4.99E-08	1.10E-08	1.47E-08	2.33E-08	4.11E-09	2.95E-09	1.08E-07
2814	387602.74, 3749834.85	3.64076	1.77E-04	2.46E-04	8.73E-04	6.14E-08	1.85E-07	1.07E-07	1.07E-07	9.72E-08	4.44E-08	4.44E-08	2.05E-09	4.95E-08	1.09E-08	1.46E-08	2.31E-08	4.07E-09	2.93E-09	1.07E-07
2815	387602.74, 3749859.85	3.60338	1.75E-04	2.44E-04	8.64E-04	6.07E-08	1.83E-07	1.06E-07	1.06E-07	9.62E-08	4.39E-08	4.39E-08	2.03E-09	4.90E-08	1.08E-08	1.44E-08	2.29E-08	4.03E-09	2.90E-09	1.06E-07
2816	387602.74, 3749884.85	3.56592	1.74E-04	2.41E-04	8.55E-04	6.01E-08	1.81E-07	1.05E-07	1.05E-07	9.52E-08	4.35E-08	4.35E-08	2.01E-09	4.85E-08	1.07E-08	1.43E-08	2.26E-08	3.99E-09	2.87E-09	1.05E-07
2817	387602.74, 3749909.85	3.53587	1.72E-04	2.39E-04	8.47E-04	5.96E-08	1.80E-07	1.04E-07	1.04E-07	9.44E-08	4.31E-08	4.31E-08	1.99E-09	4.81E-08	1.06E-08	1.41E-08	2.24E-08	3.95E-09	2.84E-09	1.04E-07
2818	387602.74, 3749934.85	3.49417	1.70E-04	2.36E-04	8.37E-04	5.89E-08	1.78E-07	1.03E-07	1.03E-07	9.33E-08	4.26E-08	4.26E-08	1.97E-09	4.75E-08	1.05E-08	1.40E-08	2.22E-08	3.91E-09	2.81E-09	1.03E-07
2819	387602.74, 3749959.85	3.4652	1.69E-04	2.34E-04	8.31E-04	5.84E-08	1.76E-07	1.02E-07	1.02E-07	9.25E-08	4.22E-08	4.22E-08	1.95E-09	4.71E-08	1.04E-08	1.39E-08	2.20E-08	3.87E-09	2.79E-09	1.02E-07
2820	387602.74, 3749984.85	3.43716	1.67E-04	2.33E-04	8.24E-04	5.79E-08	1.75E-07	1.01E-07	1.01E-07	9.18E-08	4.19E-08	4.19E-08	1.93E-09	4.67E-08	1.03E-08	1.37E-08	2.18E-08	3.84E-09	2.76E-09	1.01E-07
2821	387602.74, 3750009.85	3.40571	1.66E-04	2.30E-04	8.16E-04	5.74E-08	1.73E-07	1.00E-07	1.00E-07	9.09E-08	4.15E-08	4.15E-08	1.92E-09	4.63E-08	1.02E-08	1.36E-08	2.16E-08	3.81E-09	2.74E-09	1.00E-07
2822	387602.74, 3750034.85	3.35654	1.63E-04	2.27E-04	8.04E-04	5.66E-08	1.71E-07	9.89E-08	9.89E-08	8.96E-08	4.09E-08	4.09E-08	1.89E-09	4.56E-08	1.01E-08	1.34E-08	2.13E-08	3.75E-09	2.70E-09	9.88E-08
2823	387602.74, 3750059.85	3.32304	1.62E-04	2.25E-04	7.96E-04	5.60E-08	1.69E-07	9.79E-08	9.79E-08	8.87E-08	4.05E-08	4.05E-08	1.87E-09	4.52E-08	9.97E-09	1.33E-08	2.11E-08	3.72E-09	2.67E-09	9.78E-08
2824	387602.74, 3750084.85	3.30838	1.61E-04	2.24E-04	7.93E-04	5.58E-08	1.68E-07	9.75E-08	9.75E-08	8.83E-08	4.03E-08	4.03E-08	1.86E-09	4.50E-08	9.92E-09	1.32E-08	2.10E-08	3.70E-09	2.66E-09	9.73E-08
2825	387602.74, 3750109.85	3.27995	1.60E-04	2.22E-04	7.86E-04	5.53E-08	1.67E-07	9.66E-08	9.66E-08	8.76E-08	4.00E-08	4.00E-08	1.85E-09	4.46E-08	9.84E-09	1.31E-08	2.08E-08	3.67E-09	2.64E-09	9.65E-08
2826	387627.74, 3748984.85	3.45477	1.68E-04	2.34E-04	8.28E-04	5.82E-08	1.76E-07	1.02E-07	1.02E-07	9.23E-08	4.21E-08	4.21E-08	1.94E-09	4.70E-08	1.04E-08	1.38E-08	2.19E-08	3.86E-09	2.78E-09	1.02E-07
2827	387627.74, 3749009.85	3.64608	1.78E-04	2.47E-04	8.74E-04	6.15E-08	1.86E-07	1.07E-07	1.07E-07	9.74E-08	4.44E-08	4.44E-08	2.05E-09	4.96E-08	1.09E-08	1.46E-08	2.31E-08	4.08E-09	2.93E-09	1.07E-07
2828	387627.74, 3749034.85	3.7703	1.84E-04	2.55E-04	9.04E-04	6.35E-08	1.92E-07	1.11E-07	1.11E-07	1.01E-07	4.59E-08	4.59E-08	2.12E-09	5.13E-08	1.13E-08	1.51E-08	2.39E-08	4.22E-09	3.03E-09	1.11E-07
2829	387627.74, 3749059.85	3.84508	1.87E-04	2.60E-04	9.22E-04	6.48E-08	1.96E-07	1.13E-07	1.13E-07	1.03E-07	4.69E-08	4.69E-08	2.16E-09	5.23E-08	1.15E-08	1.54E-08	2.44E-08	4.30E-09	3.09E-09	1.13E-07
2830	387627.74, 3749084.85	3.89134	1.89E-04	2.63E-04	9.33E-04	6.56E-08	1.98E-07	1.15E-07	1.15E-07	1.04E-07	4.74E-08	4.74E-08	2.19E-09	5.29E-08	1.17E-08	1.56E-08	2.47E-08	4.35E-09	3.13E-09	1.14E-07
2831	387627.74, 3749109.85	3.91473	1.91E-04	2.65E-04	9.38E-04	6.60E-08	1.99E-07	1.15E-07	1.15E-07	1.05E-07	4.77E-08	4.77E-08	2.20E-09	5.32E-08	1.17E-08	1.57E-08	2.48E-08	4.38E-09	3.15E-09	1.15E-07
2832	387627.74, 3749134.85	3.92756	1.91E-04	2.66E-04	9.41E-04	6.62E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.79E-08	4.79E-08	2.21E-09	5.34E-08	1.18E-08	1.57E-08	2.49E-08	4.39E-09	3.16E-09	1.16E-07
2833	387627.74, 3749159.85	3.92885	1.91E-04	2.66E-04	9.42E-04	6.62E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.79E-08	4.79E-08	2.21E-09	5.34E-08	1.18E-08	1.57E-08	2.49E-08	4.39E-09	3.16E-09	1.16E-07
2834	387627.74, 3749184.85	3.92213	1.91E-04	2.65E-04	9.40E-04	6.61E-08	2.00E-07	1.16E-07	1.16E-07	1.05E-07	4.78E-08	4.78E-08	2.21E-09	5.33E-08	1.18E-08	1.57E-08	2.49E-08	4.39E-09	3.15E-09	1.15E-07
2835	387627.74, 3749209.85	3.90881	1.90E-04	2.64E-04	9.37E-04	6.59E-08	1.99E-07	1.15E-07	1.15E-07	1.04E-07	4.76E-08	4.76E-08	2.20E-09	5.31E-08	1.17E-08	1.56E-08	2.48E-08	4.37E-09	3.14E-09	1.15E-07
2836	387627.74, 3749234.85	3.89169	1.89E-04	2.63E-04	9.33E-04	6.56E-08	1.98E-07	1.15E-07	1.15E-07	1.04E-07	4.74E-08	4.74E-08	2.19E-09	5.29E-08	1.17E-08	1.56E-08	2.47E-08	4.35E-09	3.13E-09	1.15E-07
2837	387627.74, 3749259.85	3.87244	1.89E-04	2.62E-04	9.28E-04	6.53E-08	1.97E-07	1.14E-07	1.14E-07	1.03E-07	4.72E-08	4.72E-08	2.18E-09	5.26E-08	1.16E-08	1.55E-08	2.46E-08	4.33E-09	3.11E-09	1.14E-07
2838	387627.74, 3749284.85	3.85086	1.87E-04	2.60E-04	9.23E-04	6.49E-08	1.96E-07	1.13E-07	1.13E-07	1.03E-07	4.69E-08	4.69E-08	2.17E-09	5.24E-08	1.16E-08	1.54E-08	2.44E-08	4.31E-09	3.10E-09	1.13E-07
2839	387627.74, 3749309.85	3.82846	1.86E-04	2.59E-04	9.18E-04	6.45E-08	1.95E-07	1.13E-07	1.13E-07	1.02E-07	4.67E-08	4.67E-08	2.15E-09	5.20E-08	1.15E-08	1.53E-08	2.43E-08	4.28E-09	3.08E-09	1.13E-07
2840	387627.74, 3749334.85	3.80321	1.85E-04	2.57E-04	9.12E-04	6.41E-08	1.94E-07	1.12E-07	1.12E-07	1.02E-07	4.63E-08	4.63E-08	2.14E-09	5.17E-08	1.14E-08	1.52E-08	2.41E-08	4.25E-09	3.06E-09	1.12E-07
2841	387627.74, 3749359.85	3.77701	1.84E-04	2.55E-04	9.05E-04	6.37E-08	1.92E-07	1.11E-07	1.11E-07	1.01E-07	4.60E-08	4.60E-08	2.13E-09	5.13E-08	1.13E-08	1.51E-08	2.40E-08	4.22E-09	3.04E-09	1.11E-07
2842	387627.74, 3749384.85	3.75077	1.83E-04	2.54E-04	8.99E-04	6.32E-08	1.91E-07	1.10E-07	1.10E-07	1.00E-07	4.57E-08	4.57E-08	2.11E-09	5.10E-08	1.13E-08	1.50E-08	2.38E-08	4.19E-09	3.01E-09	1.10E-07
2843	387627.74, 3749409.85	3.72279	1.81E-04	2.52E-04	8.92E-04	6.27E-08	1.89E-07	1.10E-07	1.10E-07	9.94E-08	4.54E-08	4.54E-08	2.10E-09	5.06E-08	1.12E-08	1.49E-08	2.36E-08	4.16E-09	2.99E-09	1.10E-07
2844	387627.74, 3749434.85	3.69907	1.80E-04	2.50E-04	8.87E-04	6.23E-08	1.88E-07	1.09E-07	1.09E-07	9.88E-08	4.51E-08	4.51E-08	2.08E-09	5.03E-08	1.11E-08	1.48E-08	2.35E-08	4.14E-09	2.97E-09	1.09E-07
2845	387627.74, 3749459.85	3.67643	1.79E-04	2.49E-04	8.81E-04	6.20E-08	1.87E-07	1.08E-07	1.08E-07	9.82E-08	4.48E-08	4.48E-08	2.07E-09	5.00E-08	1.10E-08	1.47E-08	2.33E-08	4.11E-09	2.95E-09	1.08E-07
2846	387627.74, 3749484.85	3.65502	1.78E-04	2.47E-04	8.76E-04	6.16E-08	1.86E-07	1.08E-07	1.08E-07	9.76E-08	4.45E-08	4.45E-08	2.06E-09	4.97E-08	1.10E-08	1.46E-08	2.32E-08	4.09E-09	2.94E-09	1.08E-07
2847	387627.74, 3749509.85	3.63542	1.77E-04	2.46E-04	8.71E-04	6.13E-08	1.85E-07	1.07E-07	1.07E-07	9.71E-08	4.43E-08	4.43E-08	2.05E-09	4.94E-08	1.09E-08	1.45E-08	2.31E-08	4.07E-09	2.92E-09	1.07E-07
2848	387627.74, 3749534.85	3.61825	1.76E-04	2.45E-04	8.67E-04	6.10E-08	1.84E-07	1.07E-07	1.07E-07	9.66E-08	4.41E-08	4.41E-08	2.04E-09	4.92E-08	1.09E-08	1.45E-08	2.30E-08	4.05E-09	2.91E-09	1.06E-07
2849	387627.74, 3749559.85	3.59884	1.75E-04	2.43E-04	8.63E-04	6.07E-08	1.83E-07	1.06E-07	1.06E-07	9.61E-08	4.39E-08	4.39E-08	2.03E-09	4.89E-08	1.08E-08	1.44E-08	2.28E-08	4.02E-09	2.89E-09	1.06E-07
2850	387627.74, 3749584.85	3.57877	1.74E-04	2.42E-04	8.58E-04	6.03E-08	1.82E-07	1.05E-07	1.05E-07	9.56E-08	4.36E-08	4.36E-08	2.01E-09	4.87E-08	1.07E-08	1.43E-08	2.27E-08	4.00E-09	2.88E-09	1.05E-07
2851	387627.74, 3749609.85	3.5611	1.73E-04	2.41E-04	8.54E-04	6.00E-08	1.81E-07	1.05E-07	1.05E-07	9.51E-08	4.34E-08	4.34E-08	2.00E-09	4.84E-08	1.07E-08	1.42E-08	2.26E-08	3.98E-09	2.86E-09	1.05E-07
2852	387627.74, 3749634.85	3.53544	1.72E-04	2.39E-04	8.47E-04	5.96E-08	1.80E-07	1.04E-07	1.04E-07	9.44E-08	4.31E-08	4.31E-08	1.99E-09	4.81E-08	1.06E-08	1.41E-08	2.24E-08	3.95E-09	2.84E-09	1.04E-07
2853	387627.74, 3749659.85	3.51061	1.71E-04	2.37E-04	8.41E-04	5.92E-08	1.79E-07	1.03E-07	1.03E-07	9.38E-08	4.28E-08	4.28E-08	1.98E-09	4.77E-08	1.05E-08	1.40E-08	2.23E-08	3.93E-09	2.82E-09	1.03E-07
2854	387627.74, 3749684.85	3.49302	1.70E-04	2.36E-04	8.37E-04	5.89E-08	1.78E-07	1.03E-07	1.03E-07	9.33E-08	4.26E-08	4.26E-08	1.97E-09	4.75E-08	1.05E-08	1.40E-08	2.22E-08	3.91E-09	2.81E-09	1.03E-07
2855	387627.74, 3749709.85	3.46868	1.69E-04	2.35E-04	8.31E-04	5.85E-08	1.77E-07	1.02E-07	1.02E-07	9.26E-08	4.23E-08	4.23E-08	1.95E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2856	387627.74, 3749734.85	3.4489	1.68E-04	2.33E-04	8.27E-04	5.81E-08	1.76E-07	1.02E-07	1.02E-07	9.21E-08	4.20E-08	4.20E-08	1.94E-09	4.69E-08	1.03E-08	1.38E-08	2.19E-08	3.86E-09	2.77E-09	1.01E-07

2857	387627.74, 3749759.85	3.42531	1.67E-04	2.32E-04	8.21E-04	5.77E-08	1.74E-07	1.01E-07	1.01E-07	9.15E-08	4.17E-08	4.17E-08	1.93E-09	4.66E-08	1.03E-08	1.37E-08	2.17E-08	3.83E-09	2.75E-09	1.01E-07
2858	387627.74, 3749784.85	3.39898	1.65E-04	2.30E-04	8.15E-04	5.73E-08	1.73E-07	1.00E-07	1.00E-07	9.08E-08	4.14E-08	4.14E-08	1.91E-09	4.62E-08	1.02E-08	1.36E-08	2.16E-08	3.80E-09	2.73E-09	1.00E-07
2859	387627.74, 3749809.85	3.37171	1.64E-04	2.28E-04	8.08E-04	5.68E-08	1.72E-07	9.93E-08	9.93E-08	9.00E-08	4.11E-08	4.11E-08	1.90E-09	4.58E-08	1.01E-08	1.35E-08	2.14E-08	3.77E-09	2.71E-09	9.92E-08
2860	387627.74, 3749834.85	3.34776	1.63E-04	2.26E-04	8.02E-04	5.64E-08	1.70E-07	9.86E-08	9.86E-08	8.94E-08	4.08E-08	4.08E-08	1.88E-09	4.55E-08	1.00E-08	1.34E-08	2.12E-08	3.74E-09	2.69E-09	9.85E-08
2861	387627.74, 3749859.85	3.31597	1.61E-04	2.24E-04	7.95E-04	5.59E-08	1.69E-07	9.77E-08	9.77E-08	8.86E-08	4.04E-08	4.04E-08	1.87E-09	4.51E-08	9.95E-09	1.33E-08	2.10E-08	3.71E-09	2.67E-09	9.76E-08
2862	387627.74, 3749884.85	3.28766	1.60E-04	2.22E-04	7.88E-04	5.54E-08	1.67E-07	9.69E-08	9.69E-08	8.78E-08	4.01E-08	4.01E-08	1.85E-09	4.47E-08	9.86E-09	1.31E-08	2.09E-08	3.68E-09	2.64E-09	9.67E-08
2863	387627.74, 3749909.85	3.25956	1.59E-04	2.20E-04	7.81E-04	5.49E-08	1.66E-07	9.60E-08	9.60E-08	8.70E-08	3.97E-08	3.97E-08	1.83E-09	4.43E-08	9.78E-09	1.30E-08	2.07E-08	3.65E-09	2.62E-09	9.59E-08
2864	387627.74, 3749934.85	3.22537	1.57E-04	2.18E-04	7.73E-04	5.44E-08	1.64E-07	9.50E-08	9.50E-08	8.61E-08	3.93E-08	3.93E-08	1.82E-09	4.38E-08	9.68E-09	1.29E-08	2.05E-08	3.61E-09	2.59E-09	9.49E-08
2865	387652.74, 3748984.85	2.95893	1.44E-04	2.00E-04	7.09E-04	4.99E-08	1.51E-07	8.72E-08	8.72E-08	7.90E-08	3.61E-08	3.61E-08	1.67E-09	4.02E-08	8.88E-09	1.18E-08	1.88E-08	3.31E-09	2.38E-09	8.71E-08
2866	387652.74, 3749009.85	3.13947	1.53E-04	2.12E-04	7.52E-04	5.29E-08	1.60E-07	9.25E-08	9.25E-08	8.38E-08	3.83E-08	3.83E-08	1.77E-09	4.27E-08	9.42E-09	1.26E-08	1.99E-08	3.51E-09	2.52E-09	9.24E-08
2867	387652.74, 3749034.85	3.26683	1.59E-04	2.21E-04	7.83E-04	5.51E-08	1.66E-07	9.62E-08	9.62E-08	8.72E-08	3.98E-08	3.98E-08	1.84E-09	4.44E-08	9.80E-09	1.31E-08	2.07E-08	3.65E-09	2.63E-09	9.61E-08
2868	387652.74, 3749059.85	3.35196	1.63E-04	2.27E-04	8.03E-04	5.65E-08	1.71E-07	9.87E-08	9.87E-08	8.95E-08	4.08E-08	4.08E-08	1.89E-09	4.56E-08	1.01E-08	1.34E-08	2.13E-08	3.75E-09	2.69E-09	9.86E-08
2869	387652.74, 3749084.85	3.40746	1.66E-04	2.30E-04	8.17E-04	5.74E-08	1.73E-07	1.00E-07	1.00E-07	9.10E-08	4.15E-08	4.15E-08	1.92E-09	4.63E-08	1.02E-08	1.36E-08	2.16E-08	3.81E-09	2.74E-09	1.00E-07
2870	387652.74, 3749109.85	3.44263	1.68E-04	2.33E-04	8.25E-04	5.80E-08	1.75E-07	1.01E-07	1.01E-07	9.19E-08	4.19E-08	4.19E-08	1.94E-09	4.68E-08	1.03E-08	1.38E-08	2.18E-08	3.85E-09	2.77E-09	1.01E-07
2871	387652.74, 3749134.85	3.46412	1.69E-04	2.34E-04	8.30E-04	5.84E-08	1.76E-07	1.02E-07	1.02E-07	9.25E-08	4.22E-08	4.22E-08	1.95E-09	4.71E-08	1.04E-08	1.39E-08	2.20E-08	3.87E-09	2.78E-09	1.02E-07
2872	387652.74, 3749159.85	3.47495	1.69E-04	2.35E-04	8.33E-04	5.86E-08	1.77E-07	1.02E-07	1.02E-07	9.28E-08	4.23E-08	4.23E-08	1.96E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.89E-09	2.79E-09	1.02E-07
2873	387652.74, 3749184.85	3.47882	1.69E-04	2.35E-04	8.34E-04	5.86E-08	1.77E-07	1.02E-07	1.02E-07	9.29E-08	4.24E-08	4.24E-08	1.96E-09	4.73E-08	1.04E-08	1.39E-08	2.21E-08	3.89E-09	2.80E-09	1.02E-07
2874	387652.74, 3749209.85	3.47704	1.69E-04	2.35E-04	8.33E-04	5.86E-08	1.77E-07	1.02E-07	1.02E-07	9.29E-08	4.24E-08	4.24E-08	1.96E-09	4.73E-08	1.04E-08	1.39E-08	2.21E-08	3.89E-09	2.79E-09	1.02E-07
2875	387652.74, 3749234.85	3.46911	1.69E-04	2.35E-04	8.31E-04	5.85E-08	1.77E-07	1.02E-07	1.02E-07	9.26E-08	4.23E-08	4.23E-08	1.95E-09	4.72E-08	1.04E-08	1.39E-08	2.20E-08	3.88E-09	2.79E-09	1.02E-07
2876	387652.74, 3749259.85	3.4572	1.68E-04	2.34E-04	8.29E-04	5.83E-08	1.76E-07	1.02E-07	1.02E-07	9.23E-08	4.21E-08	4.21E-08	1.95E-09	4.70E-08	1.04E-08	1.38E-08	2.19E-08	3.87E-09	2.78E-09	1.02E-07
2877	387652.74, 3749284.85	3.44435	1.68E-04	2.33E-04	8.26E-04	5.81E-08	1.75E-07	1.01E-07	1.01E-07	9.20E-08	4.20E-08	4.20E-08	1.94E-09	4.68E-08	1.03E-08	1.38E-08	2.19E-08	3.85E-09	2.77E-09	1.01E-07
2878	387652.74, 3749309.85	3.43031	1.67E-04	2.32E-04	8.22E-04	5.78E-08	1.75E-07	1.01E-07	1.01E-07	9.16E-08	4.18E-08	4.18E-08	1.93E-09	4.66E-08	1.03E-08	1.37E-08	2.18E-08	3.84E-09	2.76E-09	1.01E-07
2879	387652.74, 3749334.85	3.41297	1.66E-04	2.31E-04	8.18E-04	5.75E-08	1.74E-07	1.01E-07	1.01E-07	9.11E-08	4.16E-08	4.16E-08	1.92E-09	4.64E-08	1.02E-08	1.37E-08	2.17E-08	3.82E-09	2.74E-09	1.00E-07
2880	387652.74, 3749359.85	3.39817	1.65E-04	2.30E-04	8.14E-04	5.73E-08	1.73E-07	1.00E-07	1.00E-07	9.07E-08	4.14E-08	4.14E-08	1.91E-09	4.62E-08	1.02E-08	1.36E-08	2.16E-08	3.80E-09	2.73E-09	1.00E-07
2881	387652.74, 3749384.85	3.38339	1.65E-04	2.29E-04	8.11E-04	5.70E-08	1.72E-07	9.97E-08	9.97E-08	9.04E-08	4.12E-08	4.12E-08	1.90E-09	4.60E-08	1.01E-08	1.35E-08	2.15E-08	3.78E-09	2.72E-09	9.96E-08
2882	387652.74, 3749409.85	3.36453	1.64E-04	2.28E-04	8.06E-04	5.67E-08	1.71E-07	9.91E-08	9.91E-08	8.98E-08	4.10E-08	4.10E-08	1.89E-09	4.57E-08	1.01E-08	1.35E-08	2.13E-08	3.76E-09	2.70E-09	9.90E-08
2883	387652.74, 3749434.85	3.349	1.63E-04	2.27E-04	8.03E-04	5.64E-08	1.70E-07	9.87E-08	9.87E-08	8.94E-08	4.08E-08	4.08E-08	1.88E-09	4.55E-08	1.00E-08	1.34E-08	2.12E-08	3.75E-09	2.69E-09	9.85E-08
2884	387652.74, 3749459.85	3.33379	1.62E-04	2.26E-04	7.99E-04	5.62E-08	1.70E-07	9.82E-08	9.82E-08	8.90E-08	4.06E-08	4.06E-08	1.88E-09	4.53E-08	1.00E-08	1.33E-08	2.12E-08	3.73E-09	2.68E-09	9.81E-08
2885	387652.74, 3749484.85	3.31876	1.62E-04	2.24E-04	7.95E-04	5.59E-08	1.69E-07	9.78E-08	9.78E-08	8.86E-08	4.04E-08	4.04E-08	1.87E-09	4.51E-08	9.96E-09	1.33E-08	2.11E-08	3.71E-09	2.67E-09	9.77E-08
2886	387652.74, 3749509.85	3.30688	1.61E-04	2.24E-04	7.93E-04	5.57E-08	1.68E-07	9.74E-08	9.74E-08	8.83E-08	4.03E-08	4.03E-08	1.86E-09	4.50E-08	9.92E-09	1.32E-08	2.10E-08	3.70E-09	2.66E-09	9.73E-08
2887	387652.74, 3749534.85	3.29576	1.60E-04	2.23E-04	7.90E-04	5.55E-08	1.68E-07	9.71E-08	9.71E-08	8.80E-08	4.02E-08	4.02E-08	1.85E-09	4.48E-08	9.89E-09	1.32E-08	2.09E-08	3.69E-09	2.65E-09	9.70E-08
2888	387652.74, 3749559.85	3.28253	1.60E-04	2.22E-04	7.87E-04	5.53E-08	1.67E-07	9.67E-08	9.67E-08	8.77E-08	4.00E-08	4.00E-08	1.85E-09	4.46E-08	9.85E-09	1.31E-08	2.08E-08	3.67E-09	2.64E-09	9.66E-08
2889	387652.74, 3749584.85	3.26901	1.59E-04	2.21E-04	7.84E-04	5.51E-08	1.66E-07	9.63E-08	9.63E-08	8.73E-08	3.98E-08	3.98E-08	1.84E-09	4.44E-08	9.81E-09	1.31E-08	2.07E-08	3.66E-09	2.63E-09	9.62E-08
2890	387652.74, 3749609.85	3.26162	1.59E-04	2.21E-04	7.82E-04	5.50E-08	1.66E-07	9.61E-08	9.61E-08	8.71E-08	3.97E-08	3.97E-08	1.84E-09	4.43E-08	9.78E-09	1.30E-08	2.07E-08	3.65E-09	2.62E-09	9.60E-08
2891	387652.74, 3749634.85	3.24229	1.58E-04	2.19E-04	7.77E-04	5.46E-08	1.65E-07	9.55E-08	9.55E-08	8.66E-08	3.95E-08	3.95E-08	1.82E-09	4.41E-08	9.73E-09	1.30E-08	2.06E-08	3.63E-09	2.61E-09	9.54E-08
2892	387652.74, 3749659.85	3.22388	1.57E-04	2.18E-04	7.73E-04	5.43E-08	1.64E-07	9.50E-08	9.50E-08	8.61E-08	3.93E-08	3.93E-08	1.81E-09	4.38E-08	9.67E-09	1.29E-08	2.05E-08	3.61E-09	2.59E-09	9.49E-08
2893	387652.74, 3749684.85	3.21766	1.57E-04	2.18E-04	7.71E-04	5.42E-08	1.64E-07	9.48E-08	9.48E-08	8.59E-08	3.92E-08	3.92E-08	1.81E-09	4.37E-08	9.65E-09	1.29E-08	2.04E-08	3.60E-09	2.59E-09	9.47E-08
2894	387652.74, 3749709.85	3.19837	1.56E-04	2.16E-04	7.67E-04	5.39E-08	1.63E-07	9.42E-08	9.42E-08	8.54E-08	3.90E-08	3.90E-08	1.80E-09	4.35E-08	9.59E-09	1.28E-08	2.03E-08	3.58E-09	2.57E-09	9.41E-08
2895	387652.74, 3749734.85	3.17289	1.54E-04	2.15E-04	7.60E-04	5.35E-08	1.61E-07	9.35E-08	9.35E-08	8.47E-08	3.87E-08	3.87E-08	1.79E-09	4.31E-08	9.52E-09	1.27E-08	2.01E-08	3.55E-09	2.55E-09	9.34E-08
2896	387677.74, 3748984.85	2.5796	1.26E-04	1.74E-04	6.18E-04	4.35E-08	1.31E-07	7.60E-08	7.60E-08	6.89E-08	3.14E-08	3.14E-08	1.45E-09	3.51E-08	7.74E-09	1.03E-08	1.64E-08	2.88E-09	2.07E-09	7.59E-08
2897	387677.74, 3749009.85	2.74583	1.34E-04	1.86E-04	6.58E-04	4.63E-08	1.40E-07	8.09E-08	8.09E-08	7.33E-08	3.35E-08	3.35E-08	1.55E-09	3.73E-08	8.24E-09	1.10E-08	1.74E-08	3.07E-09	2.21E-09	8.08E-08
2898	387677.74, 3749034.85	2.8707	1.40E-04	1.94E-04	6.88E-04	4.84E-08	1.46E-07	8.46E-08	8.46E-08	7.67E-08	3.50E-08	3.50E-08	1.62E-09	3.90E-08	8.61E-09	1.15E-08	1.82E-08	3.21E-09	2.31E-09	8.45E-08
2899	387677.74, 3749059.85	2.95886	1.44E-04	2.00E-04	7.09E-04	4.99E-08	1.51E-07	8.72E-08	8.72E-08	7.90E-08	3.61E-08	3.61E-08	1.67E-09	4.02E-08	8.88E-09	1.18E-08	1.88E-08	3.31E-09	2.38E-09	8.71E-08
2900	387677.74, 3749084.85	3.02076	1.47E-04	2.04E-04	7.24E-04	5.09E-08	1.54E-07	8.90E-08	8.90E-08	8.07E-08	3.68E-08	3.68E-08	1.70E-09	4.11E-08	9.06E-09	1.21E-08	1.92E-08	3.38E-09	2.43E-09	8.89E-08
2901	387677.74, 3749109.85	3.06246	1.49E-04	2.07E-04	7.34E-04	5.16E-08	1.56E-07	9.02E-08	9.02E-08	8.18E-08	3.73E-08	3.73E-08	1.72E-09	4.16E-08	9.19E-09	1.22E-08	1.94E-08	3.42E-09	2.46E-09	9.01E-08
2902	387677.74, 3749134.85	3.09013	1.50E-04	2.09E-04	7.41E-04	5.21E-08	1.57E-07	9.10E-08	9.10E-08	8.25E-08	3.77E-08	3.77E-08	1.74E-09	4.20E-08	9.27E-09	1.24E-08	1.96E-08	3.46E-09	2.48E-09	9.09E-08
2903	387677.74, 3749159.85	3.10807	1.51E-04	2.10E-04	7.45E-04	5.24E-08	1.58E-07	9.16E-08	9.16E-08	8.30E-08	3.79E-08	3.79E-08	1.75E-09	4.23E-08	9.32E-09	1.24E-08	1.97E-08	3.48E-09	2.50E-09	9.15E-08
2904	387677.74, 3749184.85	3.11957	1.52E-04	2.11E-04	7.48E-04	5.26E-08	1.59E-07	9.19E-08	9.19E-08	8.33E-08	3.80E-08	3.80E-08	1.76E-09	4.24E-08	9.36E-09	1.25E-08	1.98E-08	3.49E-09	2.51E-09	9.18E-08
2905	387677.74, 3749209.85	3.12416	1.52E-04	2.11E-04	7.49E-04	5.27E-08	1.59E-07	9.20E-08	9.20E-08	8.34E-08	3.81E-08	3.81E-08	1.76E-09	4.25E-08	9.37E-09	1.25E-08	1.98E-08	3.49E-09	2.51E-09	9.19E-08
2906	387677.74, 3749234.85	3.12494	1.52E-04	2.11E-04	7.49E-04	5.27E-08	1.59E-07	9.21E-08	9.21E-08	8.35E-08	3.81E-08	3.81E-08	1.76E-09	4.25E-08	9.37E-09	1.25E-08	1.98E-08	3.49E-09	2.51E-09	9.19E-08
2907	387677.74, 3749259.85	3.12053	1.52E-04	2.11E-04	7.48E-04	5.26E-08	1.59E-07	9.19E-08	9.19E-08	8.33E-08	3.80E-08	3.80E-08	1.76E-09	4.24E-08	9.36E-09	1.25E-08	1.98E-08	3.49E-09	2.51E-09	9.18E-08
2908	387677.74, 3749284.85	3.11472	1.52E-04	2.11E-04	7.47E-04	5.25E-08	1.59E-07	9.18E-08	9.18E-08	8.32E-08	3.80E-08	3.80E-08	1.75E-09	4.23E-08	9.34E-09	1.25E-08	1.98E-08	3.48E-09	2.50E-09	9.16E-08
2909	387677.74, 3749309.85	3.10944	1.51E-04	2.10E-04	7.45E-04	5.24E-08	1.58E-07	9.16E-08	9.16E-08	8.30E-08	3.79E-08	3.79E-08	1.75E-09	4.23E-08	9.33E-09	1.24E-08	1.97E-08	3.48E-09	2.50E-09	9.15E-08
2910	387677.74, 3749334.85	3.10275	1.51E-04	2.10E-04	7.44E-04	5.23E-08	1.58E-07	9.14E-08	9.14E-08	8.29E-08	3.78E-08	3.78E-08	1.75E-09	4.22E-08	9.31E-09	1.24E-08	1.97E-08	3.47E-09	2.49E-09	9.13E-08
2911	387677.74, 3749359.85	3.0888	1.50E-04	2.09E-04	7.40E-04	5.21E-08	1.57E-07	9.10E-08	9.10E-08	8.25E-08	3.76E-08	3.76E-08	1.74E-09	4.20E-08	9.27E-09	1.24E-08	1.96E-08	3.45E-09	2.48E-09	9.09E-08
2912	387677.74, 3749384.85	3.07946	1.50E-04	2.08E-04	7.38E-04	5.19E-08	1.57E-07	9.07E-08	9.07E-08	8.22E-08	3.75E-08	3.75E-08	1.73E-09	4.19E-08	9.24E-09	1.23E-08	1.95E-08	3.44E-09	2.48E-09	9.06E-08
2913	387677.74, 3749409.85	3.07036	1.49E-04	2.08E-04	7.36E-04	5.17E-08	1.56E-07	9.05E-08	9.05E-08	8.20E-08	3.74E-08	3.74E-08	1.73E-09	4.17E-08	9.21E-09	1.23E-08	1.95E-08	3.43E-09	2.47E-09	9.03E-08
2914	387677.74, 3749434.85	3.06113	1.49E-04	2.07E-04	7.34E-04	5.16E-08	1.56E-07	9.02E-08	9.02E-08	8.17E-08	3.73E-08	3.73E-08	1.72E-09	4.16E-08	9.18E-09	1.22E-08	1.94E-08	3.42E-09	2.46E-09	9.01E-08
2915	387677.74, 3749459.85	3.0512	1.49E-04	2.06E-04	7.31E-04	5.14E-08	1.55E-07	8.99E-08	8.99E-08	8.15E-08	3.72E-08	3.72E-08	1.72E-09	4.15E-08	9.15E-09	1.22E-08	1.94E-08	3.41E-09	2.45E-09	8.98E-08
2916	387677.74, 3749484.85	3.04338	1.48E-04	2.06E-04	7.29E-04	5.13E-08	1.55E-07	8.97E-08	8.97E-08	8.13E-08	3.71E-08	3.71E-08	1.71E-09	4.14E-08	9.13E-09	1.22E-08	1.93E-08	3.40E-09	2.45E-09	8.95E-08
2917	387677.74, 3749509.85	3.02703	1.47E-04	2.05E-04	7.26E-04	5.10E-08	1.54E-07	8.92E-08	8.92E-08	8.08E-08	3.69E-08	3.69E-08	1.70E-09	4.12E-08	9.08E-09	1.21E-08	1.92E-08	3.39E-09	2.43E-09	8.91E-08
2918	387677.74, 3749534.85	3.01756	1.47E-04	2.04E-04	7.23E-04	5.09E-08	1.54E-07	8.89E-08	8.89E-08	8.06E-08	3.68E-08	3.68E-08	1.70E-09	4.10E-08	9.05E-09	1.21E-08	1.91E-08	3.37E-09	2.43E-09	8.88E-08
2919	387677.74, 3749559.85	3.00099	1.46E-04	2.03E-04	7.19E-04	5.06E-08	1.53E-07	8.84E-08	8.84E-08	8.01E-08	3.66E-08	3.66E-08	1.69E-09	4.08E-08	9.00E-09	1.20E-08	1.90E-08	3.36E-09	2.41E-09	8.83E-08
2920	387702.74, 3748984.85	2.28289	1.11E-04	1.54E-04	5.47E-04	3.85E-08	1.16E-07	6.73E-08	6.73E-08	6.10E-08	2.78E-08	2.78E-08	1.28E-09	3.10E-08	6.85E-09	9.13E-09	1.45E-08	2.55E-09	1.83E-09	6.72E-08
2921	387702.74, 3749009.85	2.42654	1.18E-04	1.64E-04	5.82E-04	4.09E-08	1.23E-07	7.15E-08	7.15E-08	6.48E-08	2.96E-08	2.96E-08	1.37E-09	3.30E-08	7.28E-09	9.71E-09	1.54E-08	2.71E-09	1.95E-09	7.14E-08

2922	387702.74, 3749034.85	2.54018	1.24E-04	1.72E-04	6.09E-04	4.28E-08	1.29E-07	7.48E-08	7.48E-08	6.78E-08	3.10E-08	3.10E-08	1.43E-09	3.45E-08	7.62E-09	1.02E-08	1.61E-08	2.84E-09	2.04E-09	7.47E-08
2923	387702.74, 3749059.85	2.63584	1.28E-04	1.78E-04	6.32E-04	4.44E-08	1.34E-07	7.77E-08	7.77E-08	7.04E-08	3.21E-08	3.21E-08	1.48E-09	3.58E-08	7.91E-09	1.05E-08	1.67E-08	2.95E-09	2.12E-09	7.76E-08
2924	387702.74, 3749084.85	2.70341	1.32E-04	1.83E-04	6.48E-04	4.56E-08	1.38E-07	7.96E-08	7.96E-08	7.22E-08	3.29E-08	3.29E-08	1.52E-09	3.68E-08	8.11E-09	1.08E-08	1.72E-08	3.02E-09	2.17E-09	7.95E-08
2925	387702.74, 3749109.85	2.75289	1.34E-04	1.86E-04	6.60E-04	4.64E-08	1.40E-07	8.11E-08	8.11E-08	7.35E-08	3.35E-08	3.35E-08	1.55E-09	3.74E-08	8.26E-09	1.10E-08	1.75E-08	3.08E-09	2.21E-09	8.10E-08
2926	387702.74, 3749134.85	2.78636	1.36E-04	1.88E-04	6.68E-04	4.70E-08	1.42E-07	8.21E-08	8.21E-08	7.44E-08	3.40E-08	3.40E-08	1.57E-09	3.79E-08	8.36E-09	1.11E-08	1.77E-08	3.12E-09	2.24E-09	8.20E-08
2927	387702.74, 3749159.85	2.81108	1.37E-04	1.90E-04	6.74E-04	4.74E-08	1.43E-07	8.28E-08	8.28E-08	7.51E-08	3.43E-08	3.43E-08	1.58E-09	3.82E-08	8.43E-09	1.12E-08	1.78E-08	3.14E-09	2.26E-09	8.27E-08
2928	387702.74, 3749184.85	2.8289	1.38E-04	1.91E-04	6.78E-04	4.77E-08	1.44E-07	8.33E-08	8.33E-08	7.55E-08	3.45E-08	3.45E-08	1.59E-09	3.85E-08	8.49E-09	1.13E-08	1.79E-08	3.16E-09	2.27E-09	8.32E-08
2929	387702.74, 3749209.85	2.83989	1.38E-04	1.92E-04	6.81E-04	4.79E-08	1.45E-07	8.37E-08	8.37E-08	7.58E-08	3.46E-08	3.46E-08	1.60E-09	3.86E-08	8.52E-09	1.14E-08	1.80E-08	3.18E-09	2.28E-09	8.36E-08
2930	387702.74, 3749234.85	2.84646	1.39E-04	1.93E-04	6.82E-04	4.80E-08	1.45E-07	8.39E-08	8.39E-08	7.60E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.54E-09	1.14E-08	1.81E-08	3.18E-09	2.29E-09	8.38E-08
2931	387702.74, 3749259.85	2.85009	1.39E-04	1.93E-04	6.83E-04	4.80E-08	1.45E-07	8.40E-08	8.40E-08	7.61E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.55E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.39E-08
2932	387702.74, 3749284.85	2.85014	1.39E-04	1.93E-04	6.83E-04	4.80E-08	1.45E-07	8.40E-08	8.40E-08	7.61E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.55E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.39E-08
2933	387702.74, 3749309.85	2.85015	1.39E-04	1.93E-04	6.83E-04	4.80E-08	1.45E-07	8.40E-08	8.40E-08	7.61E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.55E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.39E-08
2934	387702.74, 3749334.85	2.84567	1.39E-04	1.92E-04	6.82E-04	4.80E-08	1.45E-07	8.38E-08	8.38E-08	7.60E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.54E-09	1.14E-08	1.81E-08	3.18E-09	2.29E-09	8.37E-08
2935	387702.74, 3749359.85	2.83995	1.38E-04	1.92E-04	6.81E-04	4.79E-08	1.45E-07	8.37E-08	8.37E-08	7.58E-08	3.46E-08	3.46E-08	1.60E-09	3.86E-08	8.52E-09	1.14E-08	1.80E-08	3.18E-09	2.28E-09	8.36E-08
2936	387702.74, 3749384.85	2.83248	1.38E-04	1.92E-04	6.79E-04	4.77E-08	1.44E-07	8.34E-08	8.34E-08	7.56E-08	3.45E-08	3.45E-08	1.59E-09	3.85E-08	8.50E-09	1.13E-08	1.80E-08	3.17E-09	2.28E-09	8.33E-08
2937	387727.74, 3748984.85	2.04377	9.95E-05	1.38E-04	4.90E-04	3.44E-08	1.04E-07	6.02E-08	6.02E-08	5.46E-08	2.49E-08	2.49E-08	1.15E-09	2.78E-08	6.13E-09	8.17E-09	1.30E-08	2.29E-09	1.64E-09	6.01E-08
2938	387727.74, 3749009.85	2.1781	1.06E-04	1.47E-04	5.22E-04	3.67E-08	1.11E-07	6.42E-08	6.42E-08	5.82E-08	2.65E-08	2.65E-08	1.23E-09	2.96E-08	6.53E-09	8.71E-09	1.38E-08	2.44E-09	1.75E-09	6.41E-08
2939	387727.74, 3749034.85	2.28985	1.11E-04	1.55E-04	5.49E-04	3.86E-08	1.17E-07	6.75E-08	6.75E-08	6.12E-08	2.79E-08	2.79E-08	1.29E-09	3.11E-08	6.87E-09	9.16E-09	1.45E-08	2.56E-09	1.84E-09	6.74E-08
2940	387727.74, 3749059.85	2.37505	1.16E-04	1.61E-04	5.69E-04	4.00E-08	1.21E-07	7.00E-08	7.00E-08	6.34E-08	2.89E-08	2.89E-08	1.34E-09	3.23E-08	7.12E-09	9.50E-09	1.51E-08	2.66E-09	1.91E-09	6.99E-08
2941	387727.74, 3749084.85	2.44566	1.19E-04	1.65E-04	5.86E-04	4.12E-08	1.24E-07	7.20E-08	7.20E-08	6.53E-08	2.98E-08	2.98E-08	1.38E-09	3.32E-08	7.34E-09	9.78E-09	1.55E-08	2.73E-09	1.97E-09	7.20E-08
2942	387727.74, 3749109.85	2.49577	1.22E-04	1.69E-04	5.98E-04	4.21E-08	1.27E-07	7.35E-08	7.35E-08	6.66E-08	3.04E-08	3.04E-08	1.40E-09	3.39E-08	7.49E-09	9.98E-09	1.58E-08	2.79E-09	2.01E-09	7.34E-08
2943	387727.74, 3749134.85	2.53303	1.23E-04	1.71E-04	6.07E-04	4.27E-08	1.29E-07	7.46E-08	7.46E-08	6.76E-08	3.09E-08	3.09E-08	1.43E-09	3.44E-08	7.60E-09	1.01E-08	1.61E-08	2.83E-09	2.04E-09	7.45E-08
2944	387727.74, 3749159.85	2.55994	1.25E-04	1.73E-04	6.14E-04	4.31E-08	1.30E-07	7.54E-08	7.54E-08	6.84E-08	3.12E-08	3.12E-08	1.44E-09	3.48E-08	7.68E-09	1.02E-08	1.62E-08	2.86E-09	2.06E-09	7.53E-08
2945	387727.74, 3749184.85	2.57532	1.25E-04	1.74E-04	6.17E-04	4.34E-08	1.31E-07	7.59E-08	7.59E-08	6.88E-08	3.14E-08	3.14E-08	1.45E-09	3.50E-08	7.73E-09	1.03E-08	1.63E-08	2.88E-09	2.07E-09	7.58E-08
2946	387752.74, 3748984.85	1.84855	9.00E-05	1.25E-04	4.43E-04	3.12E-08	9.41E-08	5.45E-08	5.45E-08	4.94E-08	2.25E-08	2.25E-08	1.04E-09	2.51E-08	5.55E-09	7.39E-09	1.17E-08	2.07E-09	1.49E-09	5.44E-08
2947	387752.74, 3749009.85	1.96885	9.59E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.80E-08	5.80E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.87E-09	1.25E-08	2.20E-09	1.58E-09	5.79E-08
2948	387419.61, 3751582.97	2.99678	1.46E-04	2.03E-04	7.18E-04	5.05E-08	1.53E-07	8.83E-08	8.83E-08	8.00E-08	3.65E-08	3.65E-08	1.69E-09	4.07E-08	8.99E-09	1.20E-08	1.90E-08	3.35E-09	2.41E-09	8.82E-08
2949	387419.61, 3751632.97	2.88289	1.40E-04	1.95E-04	6.91E-04	4.86E-08	1.47E-07	8.49E-08	8.49E-08	7.70E-08	3.51E-08	3.51E-08	1.62E-09	3.92E-08	8.65E-09	1.15E-08	1.83E-08	3.22E-09	2.32E-09	8.48E-08
2950	387419.61, 3751682.97	2.76709	1.35E-04	1.87E-04	6.63E-04	4.66E-08	1.41E-07	8.15E-08	8.15E-08	7.39E-08	3.37E-08	3.37E-08	1.56E-09	3.76E-08	8.30E-09	1.11E-08	1.76E-08	3.09E-09	2.22E-09	8.14E-08
2951	387419.61, 3751732.97	2.63748	1.28E-04	1.78E-04	6.32E-04	4.45E-08	1.34E-07	7.77E-08	7.77E-08	7.04E-08	3.21E-08	3.21E-08	1.48E-09	3.59E-08	7.91E-09	1.05E-08	1.67E-08	2.95E-09	2.12E-09	7.76E-08
2952	387419.61, 3751782.97	2.48963	1.21E-04	1.68E-04	5.97E-04	4.20E-08	1.27E-07	7.33E-08	7.33E-08	6.65E-08	3.03E-08	3.03E-08	1.40E-09	3.38E-08	7.47E-09	9.96E-09	1.58E-08	2.78E-09	2.00E-09	7.33E-08
2953	387419.61, 3751832.97	2.31861	1.13E-04	1.57E-04	5.56E-04	3.91E-08	1.18E-07	6.83E-08	6.83E-08	6.19E-08	2.83E-08	2.83E-08	1.30E-09	3.15E-08	6.96E-09	9.27E-09	1.47E-08	2.59E-09	1.86E-09	6.82E-08
2954	387469.61, 3751182.97	3.2227	1.57E-04	2.18E-04	7.72E-04	5.43E-08	1.64E-07	9.49E-08	9.49E-08	8.61E-08	3.93E-08	3.93E-08	1.81E-09	4.38E-08	9.67E-09	1.29E-08	2.04E-08	3.60E-09	2.59E-09	9.48E-08
2955	387469.61, 3751232.97	3.14473	1.53E-04	2.13E-04	7.54E-04	5.30E-08	1.60E-07	9.26E-08	9.26E-08	8.40E-08	3.83E-08	3.83E-08	1.77E-09	4.28E-08	9.43E-09	1.26E-08	2.00E-08	3.52E-09	2.53E-09	9.25E-08
2956	387469.61, 3751282.97	3.07171	1.50E-04	2.08E-04	7.36E-04	5.18E-08	1.56E-07	9.05E-08	9.05E-08	8.20E-08	3.74E-08	3.74E-08	1.73E-09	4.18E-08	9.21E-09	1.23E-08	1.95E-08	3.43E-09	2.47E-09	9.04E-08
2957	387469.61, 3751332.97	2.98895	1.46E-04	2.02E-04	7.16E-04	5.04E-08	1.52E-07	8.81E-08	8.81E-08	7.98E-08	3.64E-08	3.64E-08	1.68E-09	4.06E-08	8.97E-09	1.20E-08	1.90E-08	3.34E-09	2.40E-09	8.79E-08
2958	387469.61, 3751382.97	2.90726	1.42E-04	1.97E-04	6.97E-04	4.90E-08	1.48E-07	8.56E-08	8.56E-08	7.76E-08	3.54E-08	3.54E-08	1.64E-09	3.95E-08	8.72E-09	1.16E-08	1.84E-08	3.25E-09	2.34E-09	8.55E-08
2959	387469.61, 3751432.97	2.82978	1.38E-04	1.91E-04	6.78E-04	4.77E-08	1.44E-07	8.34E-08	8.34E-08	7.56E-08	3.45E-08	3.45E-08	1.59E-09	3.85E-08	8.49E-09	1.13E-08	1.80E-08	3.16E-09	2.27E-09	8.33E-08
2960	387469.61, 3751482.97	2.7481	1.34E-04	1.86E-04	6.59E-04	4.63E-08	1.40E-07	8.10E-08	8.10E-08	7.34E-08	3.35E-08	3.35E-08	1.55E-09	3.74E-08	8.24E-09	1.10E-08	1.74E-08	3.07E-09	2.21E-09	8.09E-08
2961	387469.61, 3751532.97	2.66371	1.30E-04	1.80E-04	6.38E-04	4.49E-08	1.36E-07	7.85E-08	7.85E-08	7.11E-08	3.25E-08	3.25E-08	1.50E-09	3.62E-08	7.99E-09	1.07E-08	1.69E-08	2.98E-09	2.14E-09	7.84E-08
2962	387469.61, 3751582.97	2.57568	1.25E-04	1.74E-04	6.17E-04	4.34E-08	1.31E-07	7.59E-08	7.59E-08	6.88E-08	3.14E-08	3.14E-08	1.45E-09	3.50E-08	7.73E-09	1.03E-08	1.63E-08	2.88E-09	2.07E-09	7.58E-08
2963	387469.61, 3751632.97	2.47935	1.21E-04	1.68E-04	5.94E-04	4.18E-08	1.26E-07	7.30E-08	7.30E-08	6.62E-08	3.02E-08	3.02E-08	1.40E-09	3.37E-08	7.44E-09	9.92E-09	1.57E-08	2.77E-09	1.99E-09	7.30E-08
2964	387469.61, 3751682.97	2.3816	1.16E-04	1.61E-04	5.71E-04	4.01E-08	1.21E-07	7.02E-08	7.02E-08	6.36E-08	2.90E-08	2.90E-08	1.34E-09	3.24E-08	7.14E-09	9.53E-09	1.51E-08	2.66E-09	1.91E-09	7.01E-08
2965	387469.61, 3751732.97	2.27809	1.11E-04	1.54E-04	5.46E-04	3.84E-08	1.16E-07	6.71E-08	6.71E-08	6.08E-08	2.78E-08	2.78E-08	1.28E-09	3.10E-08	6.83E-09	9.11E-09	1.45E-08	2.55E-09	1.83E-09	6.70E-08
2966	387469.61, 3751782.97	2.1551	1.05E-04	1.46E-04	5.17E-04	3.63E-08	1.10E-07	6.35E-08	6.35E-08	5.76E-08	2.63E-08	2.63E-08	1.21E-09	2.93E-08	6.46E-09	8.62E-09	1.37E-08	2.41E-09	1.73E-09	6.34E-08
2967	387469.61, 3751832.97	2.01552	9.81E-05	1.36E-04	4.83E-04	3.40E-08	1.03E-07	5.94E-08	5.94E-08	5.38E-08	2.46E-08	2.46E-08	1.13E-09	2.74E-08	6.05E-09	8.06E-09	1.28E-08	2.25E-09	1.62E-09	5.93E-08
2968	387519.61, 3750832.97	3.23139	1.57E-04	2.19E-04	7.75E-04	5.45E-08	1.64E-07	9.52E-08	9.52E-08	8.63E-08	3.94E-08	3.94E-08	1.82E-09	4.39E-08	9.69E-09	1.29E-08	2.05E-08	3.61E-09	2.60E-09	9.51E-08
2969	387519.61, 3750882.97	3.16326	1.54E-04	2.14E-04	7.58E-04	5.33E-08	1.61E-07	9.32E-08	9.32E-08	8.45E-08	3.85E-08	3.85E-08	1.78E-09	4.30E-08	9.49E-09	1.27E-08	2.01E-08	3.54E-09	2.54E-09	9.31E-08
2970	387519.61, 3750932.97	3.08514	1.50E-04	2.09E-04	7.39E-04	5.20E-08	1.57E-07	9.09E-08	9.09E-08	8.24E-08	3.76E-08	3.76E-08	1.74E-09	4.19E-08	9.25E-09	1.23E-08	1.96E-08	3.45E-09	2.48E-09	9.08E-08
2971	387519.61, 3750982.97	3.02026	1.47E-04	2.04E-04	7.24E-04	5.09E-08	1.54E-07	8.90E-08	8.90E-08	8.07E-08	3.68E-08	3.68E-08	1.70E-09	4.11E-08	9.06E-09	1.21E-08	1.92E-08	3.38E-09	2.43E-09	8.89E-08
2972	387519.61, 3751032.97	2.95995	1.44E-04	2.00E-04	7.09E-04	4.99E-08	1.51E-07	8.72E-08	8.72E-08	7.90E-08	3.61E-08	3.61E-08	1.67E-09	4.02E-08	8.88E-09	1.18E-08	1.88E-08	3.31E-09	2.38E-09	8.71E-08
2973	387519.61, 3751082.97	2.90008	1.41E-04	1.96E-04	6.95E-04	4.89E-08	1.48E-07	8.54E-08	8.54E-08	7.74E-08	3.53E-08	3.53E-08	1.63E-09	3.94E-08	8.70E-09	1.16E-08	1.84E-08	3.24E-09	2.33E-09	8.53E-08
2974	387519.61, 3751132.97	2.8367	1.38E-04	1.92E-04	6.80E-04	4.78E-08	1.44E-07	8.36E-08	8.36E-08	7.58E-08	3.46E-08	3.46E-08	1.60E-09	3.86E-08	8.51E-09	1.13E-08	1.80E-08	3.17E-09	2.28E-09	8.35E-08
2975	387519.61, 3751182.97	2.78209	1.35E-04	1.88E-04	6.67E-04	4.69E-08	1.42E-07	8.20E-08	8.20E-08	7.43E-08	3.39E-08	3.39E-08	1.57E-09	3.78E-08	8.35E-09	1.11E-08	1.77E-08	3.11E-09	2.24E-09	8.19E-08
2976	387519.61, 3751232.97	2.7204	1.32E-04	1.84E-04	6.52E-04	4.58E-08	1.38E-07	8.01E-08	8.01E-08	7.26E-08	3.31E-08	3.31E-08	1.53E-09	3.70E-08	8.16E-09	1.09E-08	1.73E-08	3.04E-09	2.19E-09	8.00E-08
2977	387519.61, 3751282.97	2.65754	1.29E-04	1.80E-04	6.37E-04	4.48E-08	1.35E-07	7.83E-08	7.83E-08	7.10E-08	3.24E-08	3.24E-08	1.50E-09	3.61E-08	7.97E-09	1.06E-08	1.69E-08	2.97E-09	2.14E-09	7.82E-08
2978	387519.61, 3751332.97	2.5923	1.26E-04	1.75E-04	6.21E-04	4.37E-08	1.32E-07	7.64E-08	7.64E-08	6.92E-08	3.16E-08	3.16E-08	1.46E-09	3.52E-08	7.78E-09	1.04E-08	1.64E-08	2.90E-09	2.08E-09	7.63E-08
2979	387519.61, 3751382.97	2.52742	1.23E-04	1.71E-04	6.06E-04	4.26E-08	1.29E-07	7.45E-08	7.45E-08	6.75E-08	3.08E-08	3.08E-08	1.42E-09	3.44E-08	7.58E-09	1.01E-08	1.60E-08	2.83E-09	2.03E-09	7.44E-08
2980	387519.61, 3751432.97	2.46405	1.20E-04	1.67E-04	5.91E-04	4.15E-08	1.25E-07	7.26E-08	7.26E-08	6.58E-08	3.00E-08	3.00E-08	1.39E-09	3.35E-08	7.39E-09	9.86E-09	1.56E-08	2.76E-09	1.98E-09	7.25E-08
2981	387519.61, 3751482.97	2.39713	1.17E-04	1.62E-04	5.75E-04	4.04E-08	1.22E-07	7.06E-08	7.06E-08	6.40E-08	2.92E-08	2.92E-08	1.35E-09	3.26E-08	7.19E-09	9.59E-09	1.52E-08	2.68E-09	1.93E-09	7.05E-08
2982	387519.61, 3751532.97	2.33078	1.13E-04	1.58E-04	5.59E-04	3.93E-08	1.19E-07	6.87E-08	6.87E-08	6.22E-08	2.84E-08	2.84E-08	1.31E-09	3.17E-08	6.99E-09	9.32E-09	1.48E-08	2.61E-09	1.87E-09	6.86E-08
2983	387519.61, 3751582.97	2.25528	1.10E-04	1.53E-04	5.41E-04	3.80E-08	1.15E-07	6.64E-08	6.64E-08	6.02E-08	2.75E-08	2.75E-08	1.27E-09	3.07E-08	6.77E-09	9.02E-09	1.43E-08	2.52E-09	1.81E-09	6.64E-08
2984	387519.61, 3751632.97	2.17908	1.06E-04	1.47E-04	5.22E-04	3.67E-08	1.11E-07	6.42E-08	6.42E-08	5.82E-08	2.66E-08	2.66E-08	1.23E-09	2.96E-08	6.54E-09	8.72E-09	1.38E-08	2.44E-09	1.75E-09	6.41E-08
2985	387519.61, 3751682.97	2.09656	1.02E-04	1.42E-04	5.03E-04	3.53E-08	1.07E-07	6.18E-08	6.18E-08	5.60E-08	2.55E-08	2.55E-08	1.18E-09	2.85E-08	6.29E-09	8.39E-09	1.33E-08	2.34E-09	1.69E-09	6.17E-08
2986	387519.61, 3751732.97	2.00545	9.76E-05	1.36E-04	4.81E-04	3.38E-08	1.02E-07	5.91E-08	5.91E-08	5.36E-08	2.44E-08	2.44E-08	1.13E-09	2.73E-08	6.02E-09	8.02E-09	1.27E-08	2.24E-09	1.61E-09	5.90E-08

2987	387519.61, 3751782.97	1.90428	9.27E-05	1.29E-04	4.56E-04	3.21E-08	9.69E-08	5.61E-08	5.61E-08	5.09E-08	2.32E-08	2.32E-08	1.07E-09	2.59E-08	5.71E-09	7.62E-09	1.21E-08	2.13E-09	1.53E-09	5.60E-08
2988	387519.61, 3751832.97	1.78885	8.71E-05	1.21E-04	4.29E-04	3.01E-08	9.10E-08	5.27E-08	5.27E-08	4.78E-08	2.18E-08	2.18E-08	1.01E-09	2.43E-08	5.37E-09	7.15E-09	1.14E-08	2.00E-09	1.44E-09	5.26E-08
2989	387569.61, 3750432.97	3.21925	1.57E-04	2.18E-04	7.72E-04	5.43E-08	1.64E-07	9.48E-08	9.48E-08	8.60E-08	3.92E-08	3.92E-08	1.81E-09	4.38E-08	9.66E-09	1.29E-08	2.04E-08	3.60E-09	2.59E-09	9.47E-08
2990	387569.61, 3750482.97	3.16153	1.54E-04	2.14E-04	7.58E-04	5.33E-08	1.61E-07	9.31E-08	9.31E-08	8.44E-08	3.85E-08	3.85E-08	1.78E-09	4.30E-08	9.48E-09	1.26E-08	2.01E-08	3.54E-09	2.54E-09	9.30E-08
2991	387569.61, 3750532.97	3.11038	1.51E-04	2.10E-04	7.45E-04	5.24E-08	1.58E-07	9.16E-08	9.16E-08	8.31E-08	3.79E-08	3.79E-08	1.75E-09	4.23E-08	9.33E-09	1.24E-08	1.97E-08	3.48E-09	2.50E-09	9.15E-08
2992	387569.61, 3750582.97	3.05508	1.49E-04	2.07E-04	7.32E-04	5.15E-08	1.55E-07	9.00E-08	9.00E-08	8.16E-08	3.72E-08	3.72E-08	1.72E-09	4.15E-08	9.16E-09	1.22E-08	1.94E-08	3.42E-09	2.46E-09	8.99E-08
2993	387569.61, 3750632.97	3.01505	1.47E-04	2.04E-04	7.23E-04	5.08E-08	1.53E-07	8.88E-08	8.88E-08	8.05E-08	3.67E-08	3.67E-08	1.70E-09	4.10E-08	9.04E-09	1.21E-08	1.91E-08	3.37E-09	2.42E-09	8.87E-08
2994	387569.61, 3750682.97	2.94508	1.43E-04	1.99E-04	7.06E-04	4.96E-08	1.50E-07	8.68E-08	8.68E-08	7.86E-08	3.59E-08	3.59E-08	1.66E-09	4.00E-08	8.83E-09	1.18E-08	1.87E-08	3.29E-09	2.37E-09	8.67E-08
2995	387569.61, 3750732.97	2.9055	1.41E-04	1.97E-04	6.96E-04	4.90E-08	1.48E-07	8.56E-08	8.56E-08	7.76E-08	3.54E-08	3.54E-08	1.64E-09	3.95E-08	8.72E-09	1.16E-08	1.84E-08	3.25E-09	2.34E-09	8.55E-08
2996	387569.61, 3750782.97	2.85219	1.39E-04	1.93E-04	6.84E-04	4.81E-08	1.45E-07	8.40E-08	8.40E-08	7.62E-08	3.48E-08	3.48E-08	1.61E-09	3.88E-08	8.56E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.39E-08
2997	387569.61, 3750832.97	2.7958	1.36E-04	1.89E-04	6.70E-04	4.71E-08	1.42E-07	8.24E-08	8.24E-08	7.47E-08	3.41E-08	3.41E-08	1.57E-09	3.80E-08	8.39E-09	1.12E-08	1.77E-08	3.13E-09	2.25E-09	8.23E-08
2998	387569.61, 3750882.97	2.74818	1.34E-04	1.86E-04	6.59E-04	4.63E-08	1.40E-07	8.10E-08	8.10E-08	7.34E-08	3.35E-08	3.35E-08	1.55E-09	3.74E-08	8.24E-09	1.10E-08	1.74E-08	3.07E-09	2.21E-09	8.09E-08
2999	387569.61, 3750932.97	2.6925	1.31E-04	1.82E-04	6.45E-04	4.54E-08	1.37E-07	7.93E-08	7.93E-08	7.19E-08	3.28E-08	3.28E-08	1.52E-09	3.66E-08	8.08E-09	1.08E-08	1.71E-08	3.01E-09	2.16E-09	7.92E-08
3000	387569.61, 3750982.97	2.63698	1.28E-04	1.78E-04	6.32E-04	4.44E-08	1.34E-07	7.77E-08	7.77E-08	7.04E-08	3.21E-08	3.21E-08	1.48E-09	3.58E-08	7.91E-09	1.05E-08	1.67E-08	2.95E-09	2.12E-09	7.76E-08
3001	387569.61, 3751032.97	2.5874	1.26E-04	1.75E-04	6.20E-04	4.36E-08	1.32E-07	7.62E-08	7.62E-08	6.91E-08	3.15E-08	3.15E-08	1.46E-09	3.52E-08	7.76E-09	1.03E-08	1.64E-08	2.89E-09	2.08E-09	7.61E-08
3002	387569.61, 3751082.97	2.5392	1.24E-04	1.72E-04	6.09E-04	4.28E-08	1.29E-07	7.48E-08	7.48E-08	6.78E-08	3.09E-08	3.09E-08	1.43E-09	3.45E-08	7.62E-09	1.02E-08	1.61E-08	2.84E-09	2.04E-09	7.47E-08
3003	387569.61, 3751132.97	2.4906	1.21E-04	1.68E-04	5.97E-04	4.20E-08	1.27E-07	7.34E-08	7.34E-08	6.65E-08	3.03E-08	3.03E-08	1.40E-09	3.39E-08	7.47E-09	9.96E-09	1.58E-08	2.79E-09	2.00E-09	7.33E-08
3004	387569.61, 3751182.97	2.4406	1.19E-04	1.65E-04	5.85E-04	4.11E-08	1.24E-07	7.19E-08	7.19E-08	6.52E-08	2.97E-08	2.97E-08	1.37E-09	3.32E-08	7.32E-09	9.76E-09	1.55E-08	2.73E-09	1.96E-09	7.18E-08
3005	387569.61, 3751232.97	2.39589	1.17E-04	1.62E-04	5.74E-04	4.04E-08	1.22E-07	7.06E-08	7.06E-08	6.40E-08	2.92E-08	2.92E-08	1.35E-09	3.26E-08	7.19E-09	9.58E-09	1.52E-08	2.68E-09	1.93E-09	7.05E-08
3006	387569.61, 3751282.97	2.34627	1.14E-04	1.59E-04	5.62E-04	3.95E-08	1.19E-07	6.91E-08	6.91E-08	6.27E-08	2.86E-08	2.86E-08	1.32E-09	3.19E-08	7.04E-09	9.38E-09	1.49E-08	2.62E-09	1.89E-09	6.90E-08
3007	387569.61, 3751332.97	2.29051	1.12E-04	1.55E-04	5.49E-04	3.86E-08	1.17E-07	6.75E-08	6.75E-08	6.12E-08	2.79E-08	2.79E-08	1.29E-09	3.11E-08	6.87E-09	9.16E-09	1.45E-08	2.56E-09	1.84E-09	6.74E-08
3008	387569.61, 3751382.97	2.23649	1.09E-04	1.51E-04	5.36E-04	3.77E-08	1.14E-07	6.59E-08	6.59E-08	5.97E-08	2.73E-08	2.73E-08	1.26E-09	3.04E-08	6.71E-09	8.95E-09	1.42E-08	2.50E-09	1.80E-09	6.58E-08
3009	387569.61, 3751432.97	2.18118	1.06E-04	1.48E-04	5.23E-04	3.68E-08	1.11E-07	6.43E-08	6.43E-08	5.82E-08	2.66E-08	2.66E-08	1.23E-09	2.97E-08	6.54E-09	8.72E-09	1.38E-08	2.44E-09	1.75E-09	6.42E-08
3010	387569.61, 3751482.97	2.12996	1.04E-04	1.44E-04	5.11E-04	3.59E-08	1.08E-07	6.27E-08	6.27E-08	5.69E-08	2.60E-08	2.60E-08	1.20E-09	2.90E-08	6.39E-09	8.52E-09	1.35E-08	2.38E-09	1.71E-09	6.27E-08
3011	387569.61, 3751532.97	2.07016	1.01E-04	1.40E-04	4.96E-04	3.49E-08	1.05E-07	6.10E-08	6.10E-08	5.53E-08	2.52E-08	2.52E-08	1.17E-09	2.81E-08	6.21E-09	8.28E-09	1.31E-08	2.31E-09	1.66E-09	6.09E-08
3012	387569.61, 3751582.97	2.00739	9.77E-05	1.36E-04	4.81E-04	3.38E-08	1.02E-07	5.91E-08	5.91E-08	5.36E-08	2.45E-08	2.45E-08	1.13E-09	2.73E-08	6.02E-09	8.03E-09	1.27E-08	2.24E-09	1.61E-09	5.91E-08
3013	387569.61, 3751632.97	1.94056	9.45E-05	1.31E-04	4.65E-04	3.27E-08	9.88E-08	5.72E-08	5.72E-08	5.18E-08	2.36E-08	2.36E-08	1.09E-09	2.64E-08	5.82E-09	7.76E-09	1.23E-08	2.17E-09	1.56E-09	5.71E-08
3014	387569.61, 3751682.97	1.86868	9.10E-05	1.26E-04	4.48E-04	3.15E-08	9.51E-08	5.51E-08	5.51E-08	4.99E-08	2.28E-08	2.28E-08	1.05E-09	2.54E-08	5.61E-09	7.47E-09	1.19E-08	2.09E-09	1.50E-09	5.50E-08
3015	387569.61, 3751732.97	1.79052	8.72E-05	1.21E-04	4.29E-04	3.02E-08	9.11E-08	5.27E-08	5.27E-08	4.78E-08	2.18E-08	2.18E-08	1.01E-09	2.43E-08	5.37E-09	7.16E-09	1.14E-08	2.00E-09	1.44E-09	5.27E-08
3016	387569.61, 3751782.97	1.70376	8.30E-05	1.15E-04	4.08E-04	2.87E-08	8.67E-08	5.02E-08	5.02E-08	4.55E-08	2.08E-08	2.08E-08	9.59E-10	2.32E-08	5.11E-09	6.81E-09	1.08E-08	1.91E-09	1.37E-09	5.01E-08
3017	387569.61, 3751832.97	1.60777	7.83E-05	1.09E-04	3.85E-04	2.71E-08	8.18E-08	4.74E-08	4.74E-08	4.29E-08	1.96E-08	1.96E-08	9.05E-10	2.19E-08	4.82E-09	6.43E-09	1.02E-08	1.80E-09	1.29E-09	4.73E-08
3018	387619.61, 3750082.97	3.14183	1.53E-04	2.13E-04	7.53E-04	5.30E-08	1.60E-07	9.26E-08	9.26E-08	8.39E-08	3.83E-08	3.83E-08	1.77E-09	4.27E-08	9.42E-09	1.26E-08	1.99E-08	3.51E-09	2.53E-09	9.24E-08
3019	387619.61, 3750132.97	3.09712	1.51E-04	2.10E-04	7.42E-04	5.22E-08	1.58E-07	9.12E-08	9.12E-08	8.27E-08	3.77E-08	3.77E-08	1.74E-09	4.21E-08	9.29E-09	1.24E-08	1.97E-08	3.46E-09	2.49E-09	9.11E-08
3020	387619.61, 3750182.97	3.04481	1.48E-04	2.06E-04	7.30E-04	5.13E-08	1.55E-07	8.97E-08	8.97E-08	8.13E-08	3.71E-08	3.71E-08	1.71E-09	4.14E-08	9.13E-09	1.22E-08	1.93E-08	3.40E-09	2.45E-09	8.96E-08
3021	387619.61, 3750232.97	2.96213	1.44E-04	2.00E-04	7.10E-04	4.99E-08	1.51E-07	8.73E-08	8.73E-08	7.91E-08	3.61E-08	3.61E-08	1.67E-09	4.03E-08	8.89E-09	1.18E-08	1.88E-08	3.31E-09	2.38E-09	8.72E-08
3022	387619.61, 3750282.97	2.91943	1.42E-04	1.97E-04	7.00E-04	4.92E-08	1.49E-07	8.60E-08	8.60E-08	7.80E-08	3.56E-08	3.56E-08	1.64E-09	3.97E-08	8.76E-09	1.17E-08	1.85E-08	3.26E-09	2.35E-09	8.59E-08
3023	387619.61, 3750332.97	2.88523	1.40E-04	1.95E-04	6.92E-04	4.86E-08	1.47E-07	8.50E-08	8.50E-08	7.70E-08	3.52E-08	3.52E-08	1.62E-09	3.92E-08	8.66E-09	1.15E-08	1.83E-08	3.23E-09	2.32E-09	8.49E-08
3024	387619.61, 3750382.97	2.8469	1.39E-04	1.93E-04	6.82E-04	4.80E-08	1.45E-07	8.39E-08	8.39E-08	7.60E-08	3.47E-08	3.47E-08	1.60E-09	3.87E-08	8.54E-09	1.14E-08	1.81E-08	3.18E-09	2.29E-09	8.38E-08
3025	387619.61, 3750432.97	2.79605	1.36E-04	1.89E-04	6.70E-04	4.71E-08	1.42E-07	8.24E-08	8.24E-08	7.47E-08	3.41E-08	3.41E-08	1.57E-09	3.80E-08	8.39E-09	1.12E-08	1.77E-08	3.13E-09	2.25E-09	8.23E-08
3026	387619.61, 3750482.97	2.7455	1.34E-04	1.86E-04	6.58E-04	4.63E-08	1.40E-07	8.09E-08	8.09E-08	7.33E-08	3.35E-08	3.35E-08	1.55E-09	3.73E-08	8.24E-09	1.10E-08	1.74E-08	3.07E-09	2.21E-09	8.08E-08
3027	387619.61, 3750532.97	2.71089	1.32E-04	1.83E-04	6.50E-04	4.57E-08	1.38E-07	7.99E-08	7.99E-08	7.24E-08	3.30E-08	3.30E-08	1.53E-09	3.69E-08	8.13E-09	1.08E-08	1.72E-08	3.03E-09	2.18E-09	7.98E-08
3028	387619.61, 3750582.97	2.66377	1.30E-04	1.80E-04	6.38E-04	4.49E-08	1.36E-07	7.85E-08	7.85E-08	7.11E-08	3.25E-08	3.25E-08	1.50E-09	3.62E-08	7.99E-09	1.07E-08	1.69E-08	2.98E-09	2.14E-09	7.84E-08
3029	387619.61, 3750632.97	2.64455	1.29E-04	1.79E-04	6.34E-04	4.46E-08	1.35E-07	7.79E-08	7.79E-08	7.06E-08	3.22E-08	3.22E-08	1.49E-09	3.60E-08	7.93E-09	1.06E-08	1.68E-08	2.96E-09	2.13E-09	7.78E-08
3030	387619.61, 3750682.97	2.59146	1.26E-04	1.75E-04	6.21E-04	4.37E-08	1.32E-07	7.63E-08	7.63E-08	6.92E-08	3.16E-08	3.16E-08	1.46E-09	3.52E-08	7.77E-09	1.04E-08	1.64E-08	2.90E-09	2.08E-09	7.63E-08
3031	387619.61, 3750732.97	2.55434	1.24E-04	1.73E-04	6.12E-04	4.31E-08	1.30E-07	7.52E-08	7.52E-08	6.82E-08	3.11E-08	3.11E-08	1.44E-09	3.47E-08	7.66E-09	1.02E-08	1.62E-08	2.86E-09	2.05E-09	7.52E-08
3032	387619.61, 3750782.97	2.51056	1.22E-04	1.70E-04	6.02E-04	4.23E-08	1.28E-07	7.40E-08	7.40E-08	6.70E-08	3.06E-08	3.06E-08	1.41E-09	3.41E-08	7.53E-09	1.00E-08	1.59E-08	2.81E-09	2.02E-09	7.39E-08
3033	387619.61, 3750832.97	2.46929	1.20E-04	1.67E-04	5.92E-04	4.16E-08	1.26E-07	7.27E-08	7.27E-08	6.59E-08	3.01E-08	3.01E-08	1.39E-09	3.36E-08	7.41E-09	9.88E-09	1.57E-08	2.76E-09	1.98E-09	7.27E-08
3034	387619.61, 3750882.97	2.42717	1.18E-04	1.64E-04	5.82E-04	4.09E-08	1.24E-07	7.15E-08	7.15E-08	6.48E-08	2.96E-08	2.96E-08	1.37E-09	3.30E-08	7.28E-09	9.71E-09	1.54E-08	2.71E-09	1.95E-09	7.14E-08
3035	387619.61, 3750932.97	2.3848	1.16E-04	1.61E-04	5.72E-04	4.02E-08	1.21E-07	7.03E-08	7.03E-08	6.37E-08	2.91E-08	2.91E-08	1.34E-09	3.24E-08	7.15E-09	9.54E-09	1.51E-08	2.67E-09	1.92E-09	7.02E-08
3036	387619.61, 3750982.97	2.34196	1.14E-04	1.58E-04	5.61E-04	3.95E-08	1.19E-07	6.90E-08	6.90E-08	6.25E-08	2.85E-08	2.85E-08	1.32E-09	3.18E-08	7.03E-09	9.37E-09	1.49E-08	2.62E-09	1.88E-09	6.89E-08
3037	387619.61, 3751032.97	2.30309	1.12E-04	1.56E-04	5.52E-04	3.88E-08	1.17E-07	6.78E-08	6.78E-08	6.15E-08	2.81E-08	2.81E-08	1.30E-09	3.13E-08	6.91E-09	9.21E-09	1.46E-08	2.58E-09	1.85E-09	6.78E-08
3038	387619.61, 3751082.97	2.25806	1.10E-04	1.53E-04	5.41E-04	3.81E-08	1.15E-07	6.65E-08	6.65E-08	6.03E-08	2.75E-08	2.75E-08	1.27E-09	3.07E-08	6.77E-09	9.03E-09	1.43E-08	2.53E-09	1.81E-09	6.64E-08
3039	387619.61, 3751132.97	2.22354	1.08E-04	1.50E-04	5.33E-04	3.75E-08	1.13E-07	6.55E-08	6.55E-08	5.94E-08	2.71E-08	2.71E-08	1.25E-09	3.02E-08	6.67E-09	8.89E-09	1.41E-08	2.49E-09	1.79E-09	6.54E-08
3040	387619.61, 3751182.97	2.18404	1.06E-04	1.48E-04	5.23E-04	3.68E-08	1.11E-07	6.43E-08	6.43E-08	5.83E-08	2.66E-08	2.66E-08	1.23E-09	2.97E-08	6.55E-09	8.74E-09	1.39E-08	2.44E-09	1.76E-09	6.43E-08
3041	387619.61, 3751232.97	2.14326	1.04E-04	1.45E-04	5.14E-04	3.61E-08	1.09E-07	6.31E-08	6.31E-08	5.72E-08	2.61E-08	2.61E-08	1.21E-09	2.91E-08	6.43E-09	8.57E-09	1.36E-08	2.40E-09	1.72E-09	6.31E-08
3042	387619.61, 3751282.97	2.0959	1.02E-04	1.42E-04	5.02E-04	3.53E-08	1.07E-07	6.17E-08	6.17E-08	5.60E-08	2.55E-08	2.55E-08	1.18E-09	2.85E-08	6.29E-09	8.38E-09	1.33E-08	2.34E-09	1.68E-09	6.17E-08
3043	387619.61, 3751332.97	2.0547	1.00E-04	1.39E-04	4.92E-04	3.46E-08	1.05E-07	6.05E-08	6.05E-08	5.49E-08	2.50E-08	2.50E-08	1.16E-09	2.79E-08	6.16E-09	8.22E-09	1.30E-08	2.30E-09	1.65E-09	6.05E-08
3044	387619.61, 3751382.97	2.00804	9.78E-05	1.36E-04	4.81E-04	3.38E-08	1.02E-07	5.92E-08	5.92E-08	5.36E-08	2.45E-08	2.45E-08	1.13E-09	2.73E-08	6.02E-09	8.03E-09	1.27E-08	2.25E-09	1.61E-09	5.91E-08
3045	387619.61, 3751432.97	1.96046	9.55E-05	1.33E-04	4.70E-04	3.30E-08	9.98E-08	5.78E-08	5.78E-08	5.24E-08	2.39E-08	2.39E-08	1.10E-09	2.67E-08	5.88E-09	7.84E-09	1.24E-08	2.19E-09	1.58E-09	5.77E-08
3046	387619.61, 3751482.97	1.91199	9.31E-05	1.29E-04	4.58E-04	3.22E-08	9.73E-08	5.63E-08	5.63E-08	5.11E-08	2.33E-08	2.33E-08	1.08E-09	2.60E-08	5.74E-09	7.65E-09	1.21E-08	2.14E-09	1.54E-09	5.63E-08
3047	387619.61, 3751532.97	1.86139	9.06E-05	1.26E-04	4.46E-04	3.14E-08	9.47E-08	5.48E-08	5.48E-08	4.97E-08	2.27E-08	2.27E-08	1.05E-09	2.53E-08	5.58E-09	7.45E-09	1.18E-08	2.08E-09	1.50E-09	5.48E-08
3048	387619.61, 3751582.97	1.80691	8.80E-05	1.22E-04	4.33E-04	3.05E-08	9.20E-08	5.32E-08	5.32E-08	4.83E-08	2.20E-08	2.20E-08	1.02E-09	2.46E-08	5.42E-09	7.23E-09	1.15E-08	2.02E-09	1.45E-09	5.32E-08
3049	387619.61, 3751632.97	1.74835	8.51E-05	1.18E-04	4.19E-04	2.95E-08	8.90E-08	5.15E-08	5.15E-08	4.67E-08	2.13E-08	2.13E-08	9.84E-10	2.38E-08	5.24E-09	6.99E-09	1.11E-08	1.96E-09	1.41E-09	5.14E-08
3050	387619.61, 3751682.97	1.68543	8.21E-05	1.14E-04	4.04E-04	2.84E-08	8.58E-08	4.97E-08	4.97E-08	4.50E-08	2.05E-08	2.05E-08	9.49E-10	2.29E-08	5.06E-09	6.74E-09	1.07E-08	1.88E-09	1.35E-09	4.96E-08
3051	387619.61, 3751732.97	1.61616	7.87E-05	1.09E-04	3.87E-04	2.72E-08	8.22E-08	4.76E-08	4.76E-08	4.32E-08	1.97E-08	1.97E-08	9.10E-10	2.20E-08	4.85E-09	6.46E-09	1.03E-08	1.81E-09	1.30E-09	4.76E-08

3052	387619.61, 3751782.97	1.54146	7.51E-05	1.04E-04	3.69E-04	2.60E-08	7.84E-08	4.54E-08	4.54E-08	4.12E-08	1.88E-08	1.88E-08	8.68E-10	2.10E-08	4.62E-09	6.17E-09	9.78E-09	1.72E-09	1.24E-09	4.54E-08
3053	387619.61, 3751832.97	1.45901	7.10E-05	9.87E-05	3.50E-04	2.46E-08	7.42E-08	4.30E-08	4.30E-08	3.90E-08	1.78E-08	1.78E-08	8.21E-10	1.98E-08	4.38E-09	5.84E-09	9.26E-09	1.63E-09	1.17E-09	4.29E-08
3054	387669.61, 3749682.97	3.03139	1.48E-04	2.05E-04	7.27E-04	5.11E-08	1.54E-07	8.93E-08	8.93E-08	8.10E-08	3.69E-08	3.69E-08	1.71E-09	4.12E-08	9.09E-09	1.21E-08	1.92E-08	3.39E-09	2.44E-09	8.92E-08
3055	387669.61, 3749732.97	2.99753	1.46E-04	2.03E-04	7.18E-04	5.05E-08	1.53E-07	8.83E-08	8.83E-08	8.00E-08	3.65E-08	3.65E-08	1.69E-09	4.08E-08	8.99E-09	1.20E-08	1.90E-08	3.35E-09	2.41E-09	8.82E-08
3056	387669.61, 3749782.97	2.94681	1.43E-04	1.99E-04	7.06E-04	4.97E-08	1.50E-07	8.68E-08	8.68E-08	7.87E-08	3.59E-08	3.59E-08	1.66E-09	4.01E-08	8.84E-09	1.18E-08	1.87E-08	3.30E-09	2.37E-09	8.67E-08
3057	387669.61, 3749832.97	2.89965	1.41E-04	1.96E-04	6.95E-04	4.89E-08	1.48E-07	8.54E-08	8.54E-08	7.74E-08	3.53E-08	3.53E-08	1.63E-09	3.94E-08	8.70E-09	1.16E-08	1.84E-08	3.24E-09	2.33E-09	8.53E-08
3058	387669.61, 3749882.97	2.85476	1.39E-04	1.93E-04	6.84E-04	4.81E-08	1.45E-07	8.41E-08	8.41E-08	7.62E-08	3.48E-08	3.48E-08	1.61E-09	3.88E-08	8.56E-09	1.14E-08	1.81E-08	3.19E-09	2.29E-09	8.40E-08
3059	387669.61, 3749932.97	2.81518	1.37E-04	1.90E-04	6.75E-04	4.74E-08	1.43E-07	8.29E-08	8.29E-08	7.52E-08	3.43E-08	3.43E-08	1.58E-09	3.83E-08	8.44E-09	1.13E-08	1.79E-08	3.15E-09	2.26E-09	8.28E-08
3060	387669.61, 3749982.97	2.77516	1.35E-04	1.88E-04	6.65E-04	4.68E-08	1.41E-07	8.18E-08	8.18E-08	7.41E-08	3.38E-08	3.38E-08	1.56E-09	3.77E-08	8.32E-09	1.11E-08	1.76E-08	3.10E-09	2.23E-09	8.17E-08
3061	387669.61, 3750032.97	2.74508	1.34E-04	1.86E-04	6.58E-04	4.63E-08	1.40E-07	8.09E-08	8.09E-08	7.33E-08	3.34E-08	3.34E-08	1.54E-09	3.73E-08	8.23E-09	1.10E-08	1.74E-08	3.07E-09	2.21E-09	8.08E-08
3062	387669.61, 3750082.97	2.69872	1.31E-04	1.83E-04	6.47E-04	4.55E-08	1.37E-07	7.95E-08	7.95E-08	7.21E-08	3.29E-08	3.29E-08	1.52E-09	3.67E-08	8.10E-09	1.08E-08	1.71E-08	3.02E-09	2.17E-09	7.94E-08
3063	387669.61, 3750132.97	2.66072	1.30E-04	1.80E-04	6.38E-04	4.48E-08	1.35E-07	7.84E-08	7.84E-08	7.11E-08	3.24E-08	3.24E-08	1.50E-09	3.62E-08	7.98E-09	1.06E-08	1.69E-08	2.98E-09	2.14E-09	7.83E-08
3064	387669.61, 3750182.97	2.63737	1.28E-04	1.78E-04	6.32E-04	4.45E-08	1.34E-07	7.77E-08	7.77E-08	7.04E-08	3.21E-08	3.21E-08	1.48E-09	3.59E-08	7.91E-09	1.05E-08	1.67E-08	2.95E-09	2.12E-09	7.76E-08
3065	387669.61, 3750232.97	2.61726	1.27E-04	1.77E-04	6.27E-04	4.41E-08	1.33E-07	7.71E-08	7.71E-08	6.99E-08	3.19E-08	3.19E-08	1.47E-09	3.56E-08	7.85E-09	1.05E-08	1.66E-08	2.93E-09	2.10E-09	7.70E-08
3066	387669.61, 3750282.97	2.58288	1.26E-04	1.75E-04	6.19E-04	4.35E-08	1.31E-07	7.61E-08	7.61E-08	6.90E-08	3.15E-08	3.15E-08	1.45E-09	3.51E-08	7.75E-09	1.03E-08	1.64E-08	2.89E-09	2.08E-09	7.60E-08
3067	387669.61, 3750332.97	2.54227	1.24E-04	1.72E-04	6.09E-04	4.28E-08	1.29E-07	7.49E-08	7.49E-08	6.79E-08	3.10E-08	3.10E-08	1.43E-09	3.46E-08	7.63E-09	1.02E-08	1.61E-08	2.84E-09	2.04E-09	7.48E-08
3068	387669.61, 3750382.97	2.5054	1.22E-04	1.69E-04	6.00E-04	4.22E-08	1.27E-07	7.38E-08	7.38E-08	6.69E-08	3.05E-08	3.05E-08	1.41E-09	3.41E-08	7.52E-09	1.00E-08	1.59E-08	2.80E-09	2.01E-09	7.37E-08
3069	387669.61, 3750432.97	2.47079	1.20E-04	1.67E-04	5.92E-04	4.16E-08	1.26E-07	7.28E-08	7.28E-08	6.60E-08	3.01E-08	3.01E-08	1.39E-09	3.36E-08	7.41E-09	9.88E-09	1.57E-08	2.76E-09	1.99E-09	7.27E-08
3070	387669.61, 3750482.97	2.43402	1.19E-04	1.65E-04	5.83E-04	4.10E-08	1.24E-07	7.17E-08	7.17E-08	6.50E-08	2.97E-08	2.97E-08	1.37E-09	3.31E-08	7.30E-09	9.74E-09	1.54E-08	2.72E-09	1.96E-09	7.16E-08
3071	387669.61, 3750532.97	2.40667	1.17E-04	1.63E-04	5.77E-04	4.06E-08	1.22E-07	7.09E-08	7.09E-08	6.43E-08	2.93E-08	2.93E-08	1.35E-09	3.27E-08	7.22E-09	9.63E-09	1.53E-08	2.69E-09	1.93E-09	7.08E-08
3072	387669.61, 3750582.97	2.37023	1.15E-04	1.60E-04	5.68E-04	3.99E-08	1.21E-07	6.98E-08	6.98E-08	6.33E-08	2.89E-08	2.89E-08	1.33E-09	3.22E-08	7.11E-09	9.48E-09	1.50E-08	2.65E-09	1.91E-09	6.97E-08
3073	387669.61, 3750632.97	2.34273	1.14E-04	1.58E-04	5.62E-04	3.95E-08	1.19E-07	6.90E-08	6.90E-08	6.26E-08	2.85E-08	2.85E-08	1.32E-09	3.18E-08	7.03E-09	9.37E-09	1.49E-08	2.62E-09	1.88E-09	6.89E-08
3074	387669.61, 3750682.97	2.3157	1.13E-04	1.57E-04	5.55E-04	3.90E-08	1.18E-07	6.82E-08	6.82E-08	6.18E-08	2.82E-08	2.82E-08	1.30E-09	3.15E-08	6.95E-09	9.26E-09	1.47E-08	2.59E-09	1.86E-09	6.81E-08
3075	387669.61, 3750732.97	2.28342	1.11E-04	1.54E-04	5.47E-04	3.85E-08	1.16E-07	6.73E-08	6.73E-08	6.10E-08	2.78E-08	2.78E-08	1.29E-09	3.10E-08	6.85E-09	9.13E-09	1.45E-08	2.55E-09	1.84E-09	6.72E-08
3076	387669.61, 3750782.97	2.2457	1.09E-04	1.52E-04	5.38E-04	3.78E-08	1.14E-07	6.62E-08	6.62E-08	6.00E-08	2.74E-08	2.74E-08	1.26E-09	3.05E-08	6.74E-09	8.98E-09	1.42E-08	2.51E-09	1.80E-09	6.61E-08
3077	387669.61, 3750832.97	2.20974	1.08E-04	1.49E-04	5.30E-04	3.72E-08	1.12E-07	6.51E-08	6.51E-08	5.90E-08	2.69E-08	2.69E-08	1.24E-09	3.00E-08	6.63E-09	8.84E-09	1.40E-08	2.47E-09	1.78E-09	6.50E-08
3078	387669.61, 3750882.97	2.17357	1.06E-04	1.47E-04	5.21E-04	3.66E-08	1.11E-07	6.40E-08	6.40E-08	5.80E-08	2.65E-08	2.65E-08	1.22E-09	2.95E-08	6.52E-09	8.69E-09	1.38E-08	2.43E-09	1.75E-09	6.40E-08
3079	387669.61, 3750932.97	2.13982	1.04E-04	1.45E-04	5.13E-04	3.61E-08	1.09E-07	6.30E-08	6.30E-08	5.71E-08	2.61E-08	2.61E-08	1.20E-09	2.91E-08	6.42E-09	8.56E-09	1.36E-08	2.39E-09	1.72E-09	6.30E-08
3080	387669.61, 3750982.97	2.10575	1.03E-04	1.42E-04	5.05E-04	3.55E-08	1.07E-07	6.20E-08	6.20E-08	5.62E-08	2.57E-08	2.57E-08	1.19E-09	2.86E-08	6.32E-09	8.42E-09	1.34E-08	2.35E-09	1.69E-09	6.20E-08
3081	387669.61, 3751032.97	2.07248	1.01E-04	1.40E-04	4.97E-04	3.49E-08	1.05E-07	6.11E-08	6.11E-08	5.53E-08	2.53E-08	2.53E-08	1.17E-09	2.82E-08	6.22E-09	8.29E-09	1.32E-08	2.32E-09	1.67E-09	6.10E-08
3082	387669.61, 3751082.97	2.03794	9.92E-05	1.38E-04	4.88E-04	3.43E-08	1.04E-07	6.00E-08	6.00E-08	5.44E-08	2.48E-08	2.48E-08	1.15E-09	2.77E-08	6.11E-09	8.15E-09	1.29E-08	2.28E-09	1.64E-09	6.00E-08
3083	387669.61, 3751132.97	2.00491	9.76E-05	1.36E-04	4.81E-04	3.38E-08	1.02E-07	5.91E-08	5.91E-08	5.35E-08	2.44E-08	2.44E-08	1.13E-09	2.73E-08	6.01E-09	8.02E-09	1.27E-08	2.24E-09	1.61E-09	5.90E-08
3084	387669.61, 3751182.97	1.96971	9.59E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.80E-08	5.80E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.88E-09	1.25E-08	2.20E-09	1.58E-09	5.80E-08
3085	387669.61, 3751232.97	1.9342	9.42E-05	1.31E-04	4.64E-04	3.26E-08	9.84E-08	5.70E-08	5.70E-08	5.17E-08	2.36E-08	2.36E-08	1.09E-09	2.63E-08	5.80E-09	7.74E-09	1.23E-08	2.16E-09	1.55E-09	5.69E-08
3086	387669.61, 3751282.97	1.89262	9.21E-05	1.28E-04	4.54E-04	3.19E-08	9.63E-08	5.58E-08	5.58E-08	5.05E-08	2.31E-08	2.31E-08	1.07E-09	2.57E-08	5.68E-09	7.57E-09	1.20E-08	2.12E-09	1.52E-09	5.57E-08
3087	387669.61, 3751332.97	1.85367	9.03E-05	1.25E-04	4.44E-04	3.12E-08	9.43E-08	5.46E-08	5.46E-08	4.95E-08	2.26E-08	2.26E-08	1.04E-09	2.52E-08	5.56E-09	7.41E-09	1.18E-08	2.07E-09	1.49E-09	5.45E-08
3088	387669.61, 3751382.97	1.81266	8.83E-05	1.23E-04	4.34E-04	3.06E-08	9.22E-08	5.34E-08	5.34E-08	4.84E-08	2.21E-08	2.21E-08	1.02E-09	2.46E-08	5.44E-09	7.25E-09	1.15E-08	2.03E-09	1.46E-09	5.33E-08
3089	387669.61, 3751432.97	1.77662	8.65E-05	1.20E-04	4.26E-04	2.99E-08	9.04E-08	5.23E-08	5.23E-08	4.74E-08	2.16E-08	2.16E-08	1.00E-09	2.42E-08	5.33E-09	7.11E-09	1.13E-08	1.99E-09	1.43E-09	5.23E-08
3090	387669.61, 3751482.97	1.73503	8.45E-05	1.17E-04	4.16E-04	2.92E-08	8.83E-08	5.11E-08	5.11E-08	4.63E-08	2.11E-08	2.11E-08	9.76E-10	2.36E-08	5.20E-09	6.94E-09	1.10E-08	1.94E-09	1.39E-09	5.11E-08
3091	387669.61, 3751532.97	1.69026	8.23E-05	1.14E-04	4.05E-04	2.85E-08	8.60E-08	4.98E-08	4.98E-08	4.51E-08	2.06E-08	2.06E-08	9.51E-10	2.30E-08	5.07E-09	6.76E-09	1.07E-08	1.89E-09	1.36E-09	4.97E-08
3092	387669.61, 3751582.97	1.64259	8.00E-05	1.11E-04	3.94E-04	2.77E-08	8.36E-08	4.84E-08	4.84E-08	4.39E-08	2.00E-08	2.00E-08	9.24E-10	2.23E-08	4.93E-09	6.57E-09	1.04E-08	1.84E-09	1.32E-09	4.83E-08
3093	387669.61, 3751632.97	1.59224	7.75E-05	1.08E-04	3.82E-04	2.68E-08	8.10E-08	4.69E-08	4.69E-08	4.25E-08	1.94E-08	1.94E-08	8.96E-10	2.16E-08	4.78E-09	6.37E-09	1.01E-08	1.78E-09	1.28E-09	4.69E-08
3094	387669.61, 3751682.97	1.53582	7.48E-05	1.04E-04	3.68E-04	2.59E-08	7.82E-08	4.52E-08	4.52E-08	4.10E-08	1.87E-08	1.87E-08	8.64E-10	2.09E-08	4.61E-09	6.14E-09	9.74E-09	1.72E-09	1.23E-09	4.52E-08
3095	387669.61, 3751732.97	1.47559	7.18E-05	9.98E-05	3.54E-04	2.49E-08	7.51E-08	4.35E-08	4.35E-08	3.94E-08	1.80E-08	1.80E-08	8.30E-10	2.01E-08	4.43E-09	5.90E-09	9.36E-09	1.65E-09	1.19E-09	4.34E-08
3096	387669.61, 3751782.97	1.40928	6.86E-05	9.53E-05	3.38E-04	2.38E-08	7.17E-08	4.15E-08	4.15E-08	3.76E-08	1.72E-08	1.72E-08	7.93E-10	1.92E-08	4.23E-09	5.64E-09	8.94E-09	1.58E-09	1.13E-09	4.15E-08
3097	387719.61, 3749332.97	2.67946	1.30E-04	1.81E-04	6.42E-04	4.52E-08	1.36E-07	7.89E-08	7.89E-08	7.16E-08	3.26E-08	3.26E-08	1.51E-09	3.64E-08	8.04E-09	1.07E-08	1.70E-08	3.00E-09	2.15E-09	7.88E-08
3098	387719.61, 3749382.97	2.67323	1.30E-04	1.81E-04	6.41E-04	4.51E-08	1.36E-07	7.88E-08	7.88E-08	7.14E-08	3.26E-08	3.26E-08	1.50E-09	3.63E-08	8.02E-09	1.07E-08	1.70E-08	2.99E-09	2.15E-09	7.87E-08
3099	387719.61, 3749432.97	2.66715	1.30E-04	1.80E-04	6.39E-04	4.50E-08	1.36E-07	7.86E-08	7.86E-08	7.12E-08	3.25E-08	3.25E-08	1.50E-09	3.63E-08	8.00E-09	1.07E-08	1.69E-08	2.98E-09	2.14E-09	7.85E-08
3100	387719.61, 3749482.97	2.66027	1.30E-04	1.80E-04	6.38E-04	4.48E-08	1.35E-07	7.84E-08	7.84E-08	7.10E-08	3.24E-08	3.24E-08	1.50E-09	3.62E-08	7.98E-09	1.06E-08	1.69E-08	2.97E-09	2.14E-09	7.83E-08
3101	387719.61, 3749532.97	2.65319	1.29E-04	1.79E-04	6.36E-04	4.47E-08	1.35E-07	7.82E-08	7.82E-08	7.09E-08	3.23E-08	3.23E-08	1.49E-09	3.61E-08	7.96E-09	1.06E-08	1.68E-08	2.97E-09	2.13E-09	7.81E-08
3102	387719.61, 3749582.97	2.66382	1.30E-04	1.80E-04	6.38E-04	4.49E-08	1.36E-07	7.85E-08	7.85E-08	7.11E-08	3.25E-08	3.25E-08	1.50E-09	3.62E-08	7.99E-09	1.07E-08	1.69E-08	2.98E-09	2.14E-09	7.84E-08
3103	387719.61, 3749632.97	2.65643	1.29E-04	1.80E-04	6.37E-04	4.48E-08	1.35E-07	7.83E-08	7.83E-08	7.09E-08	3.24E-08	3.24E-08	1.50E-09	3.61E-08	7.97E-09	1.06E-08	1.69E-08	2.97E-09	2.14E-09	7.82E-08
3104	387719.61, 3749682.97	2.63169	1.28E-04	1.78E-04	6.31E-04	4.44E-08	1.34E-07	7.75E-08	7.75E-08	7.03E-08	3.21E-08	3.21E-08	1.48E-09	3.58E-08	7.89E-09	1.05E-08	1.67E-08	2.94E-09	2.12E-09	7.74E-08
3105	387719.61, 3749732.97	2.6205	1.28E-04	1.77E-04	6.28E-04	4.42E-08	1.33E-07	7.72E-08	7.72E-08	7.00E-08	3.19E-08	3.19E-08	1.47E-09	3.56E-08	7.86E-09	1.05E-08	1.66E-08	2.93E-09	2.11E-09	7.71E-08
3106	387719.61, 3749782.97	2.6012	1.27E-04	1.76E-04	6.23E-04	4.38E-08	1.32E-07	7.66E-08	7.66E-08	6.95E-08	3.17E-08	3.17E-08	1.46E-09	3.54E-08	7.80E-09	1.04E-08	1.65E-08	2.91E-09	2.09E-09	7.65E-08
3107	387719.61, 3749832.97	2.56987	1.25E-04	1.74E-04	6.16E-04	4.33E-08	1.31E-07	7.57E-08	7.57E-08	6.86E-08	3.13E-08	3.13E-08	1.45E-09	3.49E-08	7.71E-09	1.03E-08	1.63E-08	2.87E-09	2.07E-09	7.56E-08
3108	387719.61, 3749882.97	2.53771	1.24E-04	1.72E-04	6.08E-04	4.28E-08	1.29E-07	7.48E-08	7.48E-08	6.78E-08	3.09E-08	3.09E-08	1.43E-09	3.45E-08	7.61E-09	1.02E-08	1.61E-08	2.84E-09	2.04E-09	7.47E-08
3109	387719.61, 3749932.97	2.51217	1.22E-04	1.70E-04	6.02E-04	4.23E-08	1.28E-07	7.40E-08	7.40E-08	6.71E-08	3.06E-08	3.06E-08	1.41E-09	3.42E-08	7.54E-09	1.00E-08	1.59E-08	2.81E-09	2.02E-09	7.39E-08
3110	387719.61, 3749982.97	2.48789	1.21E-04	1.68E-04	5.96E-04	4.19E-08	1.27E-07	7.33E-08	7.33E-08	6.64E-08	3.03E-08	3.03E-08	1.40E-09	3.38E-08	7.46E-09	9.95E-09	1.58E-08	2.78E-09	2.00E-09	7.32E-08
3111	387719.61, 3750032.97	2.44619	1.19E-04	1.65E-04	5.86E-04	4.12E-08	1.24E-07	7.21E-08	7.21E-08	6.53E-08	2.98E-08	2.98E-08	1.38E-09	3.33E-08	7.34E-09	9.78E-09	1.55E-08	2.74E-09	1.97E-09	7.20E-08
3112	387719.61, 3750082.97	2.41215	1.17E-04	1.63E-04	5.78E-04	4.07E-08	1.23E-07	7.11E-08	7.11E-08	6.44E-08	2.94E-08	2.94E-08	1.36E-09	3.28E-08	7.24E-09	9.65E-09	1.53E-08	2.70E-09	1.94E-09	7.10E-08
3113	387719.61, 3750132.97	2.37344	1.16E-04	1.61E-04	5.69E-04	4.00E-08	1.21E-07	6.99E-08	6.99E-08	6.34E-08	2.89E-08	2.89E-08	1.34E-09	3.23E-08	7.12E-09	9.49E-09	1.51E-08	2.65E-09	1.91E-09	6.98E-08
3114	387719.61, 3750182.97	2.34769	1.14E-04	1.59E-04	5.63E-04	3.96E-08	1.19E-07	6.92E-08	6.92E-08	6.27E-08	2.86E-08	2.86E-08	1.32E-09	3.19E-08	7.04E-09	9.39E-09	1.49E-08	2.63E-09	1.89E-09	6.91E-08
3115	387719.61, 3750232.97	2.31816	1.13E-04	1.57E-04	5.56E-04	3.91E-08	1.18E-07	6.83E-08	6.83E-08	6.19E-08	2.82E-08	2.82E-08	1.30E-09	3.15E-08	6.95E-09	9.27E-09	1.47E-08	2.59E-09	1.86E-09	6.82E-08
3116	387719.61, 3750282.97	2.29421	1.12E-04	1.55E-04	5.50E-04	3.87E-08	1.17E-07	6.76E-08	6.76E-08	6.13E-08	2.80E-08	2.80E-08	1.29E-09	3.12E-08	6.88E-09	9.18E-09	1.46E-08	2.57E-09	1.84E-09	6.75E-08

3117	387719.61, 3750332.97	2.26522	1.10E-04	1.53E-04	5.43E-04	3.82E-08	1.15E-07	6.67E-08	6.67E-08	6.05E-08	2.76E-08	2.76E-08	1.27E-09	3.08E-08	6.80E-09	9.06E-09	1.44E-08	2.53E-09	1.82E-09	6.67E-08
3118	387719.61, 3750382.97	2.24159	1.09E-04	1.52E-04	5.37E-04	3.78E-08	1.14E-07	6.60E-08	6.60E-08	5.99E-08	2.73E-08	2.73E-08	1.26E-09	3.05E-08	6.72E-09	8.97E-09	1.42E-08	2.51E-09	1.80E-09	6.60E-08
3119	387719.61, 3750432.97	2.21273	1.08E-04	1.50E-04	5.30E-04	3.73E-08	1.13E-07	6.52E-08	6.52E-08	5.91E-08	2.70E-08	2.70E-08	1.25E-09	3.01E-08	6.64E-09	8.85E-09	1.40E-08	2.47E-09	1.78E-09	6.51E-08
3120	387719.61, 3750482.97	2.18027	1.06E-04	1.47E-04	5.23E-04	3.67E-08	1.11E-07	6.42E-08	6.42E-08	5.82E-08	2.66E-08	2.66E-08	1.23E-09	2.96E-08	6.54E-09	8.72E-09	1.38E-08	2.44E-09	1.75E-09	6.42E-08
3121	387719.61, 3750532.97	2.16	1.05E-04	1.46E-04	5.18E-04	3.64E-08	1.10E-07	6.36E-08	6.36E-08	5.77E-08	2.63E-08	2.63E-08	1.22E-09	2.94E-08	6.48E-09	8.64E-09	1.37E-08	2.42E-09	1.74E-09	6.36E-08
3122	387719.61, 3750582.97	2.13424	1.04E-04	1.44E-04	5.12E-04	3.60E-08	1.09E-07	6.29E-08	6.29E-08	5.70E-08	2.60E-08	2.60E-08	1.20E-09	2.90E-08	6.40E-09	8.54E-09	1.35E-08	2.39E-09	1.72E-09	6.28E-08
3123	387719.61, 3750632.97	2.10957	1.03E-04	1.43E-04	5.06E-04	3.56E-08	1.07E-07	6.21E-08	6.21E-08	5.63E-08	2.57E-08	2.57E-08	1.19E-09	2.87E-08	6.33E-09	8.44E-09	1.34E-08	2.36E-09	1.70E-09	6.21E-08
3124	387719.61, 3750682.97	2.08609	1.02E-04	1.41E-04	5.00E-04	3.52E-08	1.06E-07	6.15E-08	6.15E-08	5.57E-08	2.54E-08	2.54E-08	1.17E-09	2.84E-08	6.26E-09	8.34E-09	1.32E-08	2.33E-09	1.68E-09	6.14E-08
3125	387719.61, 3750732.97	2.06007	1.00E-04	1.39E-04	4.94E-04	3.47E-08	1.05E-07	6.07E-08	6.07E-08	5.50E-08	2.51E-08	2.51E-08	1.16E-09	2.80E-08	6.18E-09	8.24E-09	1.31E-08	2.30E-09	1.66E-09	6.06E-08
3126	387719.61, 3750782.97	2.0305	9.89E-05	1.37E-04	4.87E-04	3.42E-08	1.03E-07	5.98E-08	5.98E-08	5.42E-08	2.47E-08	2.47E-08	1.14E-09	2.76E-08	6.09E-09	8.12E-09	1.29E-08	2.27E-09	1.63E-09	5.97E-08
3127	387719.61, 3750832.97	1.99921	9.73E-05	1.35E-04	4.79E-04	3.37E-08	1.02E-07	5.89E-08	5.89E-08	5.34E-08	2.44E-08	2.44E-08	1.13E-09	2.72E-08	6.00E-09	8.00E-09	1.27E-08	2.24E-09	1.61E-09	5.88E-08
3128	387719.61, 3750882.97	1.9686	9.58E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.80E-08	5.80E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.87E-09	1.25E-08	2.20E-09	1.58E-09	5.79E-08
3129	387719.61, 3750932.97	1.94053	9.45E-05	1.31E-04	4.65E-04	3.27E-08	9.88E-08	5.72E-08	5.72E-08	5.18E-08	2.36E-08	2.36E-08	1.09E-09	2.64E-08	5.82E-09	7.76E-09	1.23E-08	2.17E-09	1.56E-09	5.71E-08
3130	387719.61, 3750982.97	1.91333	9.32E-05	1.29E-04	4.59E-04	3.22E-08	9.74E-08	5.64E-08	5.64E-08	5.11E-08	2.33E-08	2.33E-08	1.08E-09	2.60E-08	5.74E-09	7.65E-09	1.21E-08	2.14E-09	1.54E-09	5.63E-08
3131	387719.61, 3751032.97	1.88053	9.16E-05	1.27E-04	4.51E-04	3.17E-08	9.57E-08	5.54E-08	5.54E-08	5.02E-08	2.29E-08	2.29E-08	1.06E-09	2.56E-08	5.64E-09	7.52E-09	1.19E-08	2.10E-09	1.51E-09	5.53E-08
3132	387719.61, 3751082.97	1.85101	9.01E-05	1.25E-04	4.44E-04	3.12E-08	9.42E-08	5.45E-08	5.45E-08	4.94E-08	2.26E-08	2.26E-08	1.04E-09	2.52E-08	5.55E-09	7.40E-09	1.17E-08	2.07E-09	1.49E-09	5.45E-08
3133	387719.61, 3751132.97	1.82398	8.88E-05	1.23E-04	4.37E-04	3.07E-08	9.28E-08	5.37E-08	5.37E-08	4.87E-08	2.22E-08	2.22E-08	1.03E-09	2.48E-08	5.47E-09	7.30E-09	1.16E-08	2.04E-09	1.47E-09	5.37E-08
3134	387719.61, 3751182.97	1.79299	8.73E-05	1.21E-04	4.30E-04	3.02E-08	9.12E-08	5.28E-08	5.28E-08	4.79E-08	2.18E-08	2.18E-08	1.01E-09	2.44E-08	5.38E-09	7.17E-09	1.14E-08	2.01E-09	1.44E-09	5.28E-08
3135	387719.61, 3751232.97	1.76154	8.58E-05	1.19E-04	4.22E-04	2.97E-08	8.96E-08	5.19E-08	5.19E-08	4.70E-08	2.15E-08	2.15E-08	9.91E-10	2.39E-08	5.28E-09	7.05E-09	1.12E-08	1.97E-09	1.42E-09	5.18E-08
3136	387719.61, 3751282.97	1.7248	8.40E-05	1.17E-04	4.13E-04	2.91E-08	8.78E-08	5.08E-08	5.08E-08	4.61E-08	2.10E-08	2.10E-08	9.71E-10	2.34E-08	5.17E-09	6.90E-09	1.09E-08	1.93E-09	1.39E-09	5.08E-08
3137	387719.61, 3751332.97	1.69065	8.23E-05	1.14E-04	4.05E-04	2.85E-08	8.60E-08	4.98E-08	4.98E-08	4.51E-08	2.06E-08	2.06E-08	9.51E-10	2.30E-08	5.07E-09	6.76E-09	1.07E-08	1.89E-09	1.36E-09	4.97E-08
3138	387769.61, 3748982.97	1.72805	8.41E-05	1.17E-04	4.14E-04	2.91E-08	8.79E-08	5.09E-08	5.09E-08	4.61E-08	2.11E-08	2.11E-08	9.73E-10	2.35E-08	5.18E-09	6.91E-09	1.10E-08	1.93E-09	1.39E-09	5.08E-08
3139	387769.61, 3749032.97	1.93536	9.42E-05	1.31E-04	4.64E-04	3.26E-08	9.85E-08	5.70E-08	5.70E-08	5.17E-08	2.36E-08	2.36E-08	1.09E-09	2.63E-08	5.81E-09	7.74E-09	1.23E-08	2.16E-09	1.56E-09	5.69E-08
3140	387769.61, 3749082.97	2.08879	1.02E-04	1.41E-04	5.01E-04	3.52E-08	1.06E-07	6.15E-08	6.15E-08	5.58E-08	2.55E-08	2.55E-08	1.18E-09	2.84E-08	6.27E-09	8.35E-09	1.33E-08	2.34E-09	1.68E-09	6.15E-08
3141	387769.61, 3749132.97	2.18494	1.06E-04	1.48E-04	5.24E-04	3.68E-08	1.11E-07	6.44E-08	6.44E-08	5.83E-08	2.66E-08	2.66E-08	1.23E-09	2.97E-08	6.55E-09	8.74E-09	1.39E-08	2.44E-09	1.76E-09	6.43E-08
3142	387769.61, 3749182.97	2.24065	1.09E-04	1.52E-04	5.37E-04	3.78E-08	1.14E-07	6.60E-08	6.60E-08	5.98E-08	2.73E-08	2.73E-08	1.26E-09	3.05E-08	6.72E-09	8.96E-09	1.42E-08	2.51E-09	1.80E-09	6.59E-08
3143	387769.61, 3749232.97	2.27138	1.11E-04	1.54E-04	5.44E-04	3.83E-08	1.16E-07	6.69E-08	6.69E-08	6.07E-08	2.77E-08	2.77E-08	1.28E-09	3.09E-08	6.81E-09	9.08E-09	1.44E-08	2.54E-09	1.83E-09	6.68E-08
3144	387769.61, 3749282.97	2.2893	1.11E-04	1.55E-04	5.49E-04	3.86E-08	1.16E-07	6.74E-08	6.74E-08	6.11E-08	2.79E-08	2.79E-08	1.29E-09	3.11E-08	6.87E-09	9.16E-09	1.45E-08	2.56E-09	1.84E-09	6.74E-08
3145	387769.61, 3749332.97	2.30147	1.12E-04	1.56E-04	5.52E-04	3.88E-08	1.17E-07	6.78E-08	6.78E-08	6.15E-08	2.80E-08	2.80E-08	1.30E-09	3.13E-08	6.90E-09	9.21E-09	1.46E-08	2.57E-09	1.85E-09	6.77E-08
3146	387769.61, 3749382.97	2.30645	1.12E-04	1.56E-04	5.53E-04	3.89E-08	1.17E-07	6.79E-08	6.79E-08	6.16E-08	2.81E-08	2.81E-08	1.30E-09	3.14E-08	6.92E-09	9.23E-09	1.46E-08	2.58E-09	1.85E-09	6.79E-08
3147	387769.61, 3749432.97	2.30953	1.12E-04	1.56E-04	5.54E-04	3.89E-08	1.18E-07	6.80E-08	6.80E-08	6.17E-08	2.81E-08	2.81E-08	1.30E-09	3.14E-08	6.93E-09	9.24E-09	1.47E-08	2.58E-09	1.86E-09	6.80E-08
3148	387769.61, 3749482.97	2.30991	1.12E-04	1.56E-04	5.54E-04	3.89E-08	1.18E-07	6.80E-08	6.80E-08	6.17E-08	2.81E-08	2.81E-08	1.30E-09	3.14E-08	6.93E-09	9.24E-09	1.47E-08	2.58E-09	1.86E-09	6.80E-08
3149	387769.61, 3749532.97	2.31158	1.13E-04	1.56E-04	5.54E-04	3.90E-08	1.18E-07	6.81E-08	6.81E-08	6.17E-08	2.82E-08	2.82E-08	1.30E-09	3.14E-08	6.93E-09	9.25E-09	1.47E-08	2.58E-09	1.86E-09	6.80E-08
3150	387769.61, 3749582.97	2.32306	1.13E-04	1.57E-04	5.57E-04	3.92E-08	1.18E-07	6.84E-08	6.84E-08	6.20E-08	2.83E-08	2.83E-08	1.31E-09	3.16E-08	6.97E-09	9.29E-09	1.47E-08	2.60E-09	1.87E-09	6.84E-08
3151	387769.61, 3749632.97	2.331	1.13E-04	1.58E-04	5.59E-04	3.93E-08	1.19E-07	6.87E-08	6.87E-08	6.22E-08	2.84E-08	2.84E-08	1.31E-09	3.17E-08	6.99E-09	9.32E-09	1.48E-08	2.61E-09	1.87E-09	6.86E-08
3152	387769.61, 3749682.97	2.31572	1.13E-04	1.57E-04	5.55E-04	3.90E-08	1.18E-07	6.82E-08	6.82E-08	6.18E-08	2.82E-08	2.82E-08	1.30E-09	3.15E-08	6.95E-09	9.26E-09	1.47E-08	2.59E-09	1.86E-09	6.81E-08
3153	387769.61, 3749732.97	2.30855	1.12E-04	1.56E-04	5.53E-04	3.89E-08	1.17E-07	6.80E-08	6.80E-08	6.16E-08	2.81E-08	2.81E-08	1.30E-09	3.14E-08	6.93E-09	9.23E-09	1.46E-08	2.58E-09	1.86E-09	6.79E-08
3154	387769.61, 3749782.97	2.29471	1.12E-04	1.55E-04	5.50E-04	3.87E-08	1.17E-07	6.76E-08	6.76E-08	6.13E-08	2.80E-08	2.80E-08	1.29E-09	3.12E-08	6.88E-09	9.18E-09	1.46E-08	2.57E-09	1.84E-09	6.75E-08
3155	387769.61, 3749832.97	2.27196	1.11E-04	1.54E-04	5.45E-04	3.83E-08	1.16E-07	6.69E-08	6.69E-08	6.07E-08	2.77E-08	2.77E-08	1.28E-09	3.09E-08	6.82E-09	9.09E-09	1.44E-08	2.54E-09	1.83E-09	6.69E-08
3156	387769.61, 3749882.97	2.25251	1.10E-04	1.52E-04	5.40E-04	3.80E-08	1.15E-07	6.64E-08	6.64E-08	6.02E-08	2.74E-08	2.74E-08	1.27E-09	3.06E-08	6.76E-09	9.01E-09	1.43E-08	2.52E-09	1.81E-09	6.63E-08
3157	387769.61, 3749932.97	2.2322	1.09E-04	1.51E-04	5.35E-04	3.76E-08	1.14E-07	6.58E-08	6.58E-08	5.96E-08	2.72E-08	2.72E-08	1.26E-09	3.03E-08	6.70E-09	8.93E-09	1.42E-08	2.50E-09	1.79E-09	6.57E-08
3158	387769.61, 3749982.97	2.20711	1.07E-04	1.49E-04	5.29E-04	3.72E-08	1.12E-07	6.50E-08	6.50E-08	5.89E-08	2.69E-08	2.69E-08	1.24E-09	3.00E-08	6.62E-09	8.83E-09	1.40E-08	2.47E-09	1.77E-09	6.49E-08
3159	387769.61, 3750032.97	2.18765	1.07E-04	1.48E-04	5.24E-04	3.69E-08	1.11E-07	6.44E-08	6.44E-08	5.84E-08	2.67E-08	2.67E-08	1.23E-09	2.97E-08	6.56E-09	8.75E-09	1.39E-08	2.45E-09	1.76E-09	6.44E-08
3160	387769.61, 3750082.97	2.17057	1.06E-04	1.47E-04	5.20E-04	3.66E-08	1.10E-07	6.39E-08	6.39E-08	5.80E-08	2.64E-08	2.64E-08	1.22E-09	2.95E-08	6.51E-09	8.68E-09	1.38E-08	2.43E-09	1.74E-09	6.39E-08
3161	387769.61, 3750132.97	2.15388	1.05E-04	1.46E-04	5.16E-04	3.63E-08	1.10E-07	6.35E-08	6.35E-08	5.75E-08	2.62E-08	2.62E-08	1.21E-09	2.93E-08	6.46E-09	8.61E-09	1.37E-08	2.41E-09	1.73E-09	6.34E-08
3162	387769.61, 3750182.97	2.1257	1.03E-04	1.44E-04	5.09E-04	3.58E-08	1.08E-07	6.26E-08	6.26E-08	5.68E-08	2.59E-08	2.59E-08	1.20E-09	2.89E-08	6.38E-09	8.50E-09	1.35E-08	2.38E-09	1.71E-09	6.25E-08
3163	387769.61, 3750232.97	2.10373	1.02E-04	1.42E-04	5.04E-04	3.55E-08	1.07E-07	6.20E-08	6.20E-08	5.62E-08	2.56E-08	2.56E-08	1.18E-09	2.86E-08	6.31E-09	8.41E-09	1.33E-08	2.35E-09	1.69E-09	6.19E-08
3164	387769.61, 3750282.97	2.07767	1.01E-04	1.41E-04	4.98E-04	3.50E-08	1.06E-07	6.12E-08	6.12E-08	5.55E-08	2.53E-08	2.53E-08	1.17E-09	2.82E-08	6.23E-09	8.31E-09	1.32E-08	2.32E-09	1.67E-09	6.11E-08
3165	387769.61, 3750332.97	2.05261	9.99E-05	1.39E-04	4.92E-04	3.46E-08	1.04E-07	6.05E-08	6.05E-08	5.48E-08	2.50E-08	2.50E-08	1.16E-09	2.79E-08	6.16E-09	8.21E-09	1.30E-08	2.30E-09	1.65E-09	6.04E-08
3166	387769.61, 3750382.97	2.03592	9.91E-05	1.38E-04	4.88E-04	3.43E-08	1.04E-07	6.00E-08	6.00E-08	5.44E-08	2.48E-08	2.48E-08	1.15E-09	2.77E-08	6.11E-09	8.14E-09	1.29E-08	2.28E-09	1.64E-09	5.99E-08
3167	387769.61, 3750432.97	2.01166	9.79E-05	1.36E-04	4.82E-04	3.39E-08	1.02E-07	5.93E-08	5.93E-08	5.37E-08	2.45E-08	2.45E-08	1.13E-09	2.73E-08	6.03E-09	8.05E-09	1.28E-08	2.25E-09	1.62E-09	5.92E-08
3168	387769.61, 3750482.97	1.97951	9.64E-05	1.34E-04	4.74E-04	3.34E-08	1.01E-07	5.83E-08	5.83E-08	5.29E-08	2.41E-08	2.41E-08	1.11E-09	2.69E-08	5.94E-09	7.92E-09	1.26E-08	2.21E-09	1.59E-09	5.82E-08
3169	387769.61, 3750532.97	1.97088	9.60E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.81E-08	5.81E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.88E-09	1.25E-08	2.20E-09	1.58E-09	5.80E-08
3170	387769.61, 3750582.97	1.94615	9.48E-05	1.32E-04	4.66E-04	3.28E-08	9.90E-08	5.73E-08	5.73E-08	5.20E-08	2.37E-08	2.37E-08	1.10E-09	2.65E-08	5.84E-09	7.78E-09	1.23E-08	2.18E-09	1.56E-09	5.73E-08
3171	387769.61, 3750632.97	1.92176	9.36E-05	1.30E-04	4.61E-04	3.24E-08	9.78E-08	5.66E-08	5.66E-08	5.13E-08	2.34E-08	2.34E-08	1.08E-09	2.61E-08	5.76E-09	7.69E-09	1.22E-08	2.15E-09	1.54E-09	5.65E-08
3172	387769.61, 3750682.97	1.89787	9.24E-05	1.28E-04	4.55E-04	3.20E-08	9.66E-08	5.59E-08	5.59E-08	5.07E-08	2.31E-08	2.31E-08	1.07E-09	2.58E-08	5.69E-09	7.59E-09	1.20E-08	2.12E-09	1.53E-09	5.58E-08
3173	387769.61, 3750732.97	1.87596	9.13E-05	1.27E-04	4.50E-04	3.16E-08	9.55E-08	5.53E-08	5.53E-08	5.01E-08	2.29E-08	2.29E-08	1.06E-09	2.55E-08	5.63E-09	7.50E-09	1.19E-08	2.10E-09	1.51E-09	5.52E-08
3174	387769.61, 3750782.97	1.85224	9.02E-05	1.25E-04	4.44E-04	3.12E-08	9.43E-08	5.46E-08	5.46E-08	4.95E-08	2.26E-08	2.26E-08	1.04E-09	2.52E-08	5.56E-09	7.41E-09	1.18E-08	2.07E-09	1.49E-09	5.45E-08
3175	387769.61, 3750832.97	1.82418	8.88E-05	1.23E-04	4.37E-04	3.07E-08	9.28E-08	5.37E-08	5.37E-08	4.87E-08	2.22E-08	2.22E-08	1.03E-09	2.48E-08	5.47E-09	7.30E-09	1.16E-08	2.04E-09	1.47E-09	5.37E-08
3176	387769.61, 3750882.97	1.79741	8.75E-05	1.22E-04	4.31E-04	3.03E-08	9.15E-08	5.30E-08	5.30E-08	4.80E-08	2.19E-08	2.19E-08	1.01E-09	2.44E-08	5.39E-09	7.19E-09	1.14E-08	2.01E-09	1.44E-09	5.29E-08
3177	387819.61, 3748982.97	1.46452	7.13E-05	9.91E-05	3.51E-04	2.47E-08	7.45E-08	4.31E-08	4.31E-08	3.91E-08	1.78E-08	1.78E-08	8.24E-10	1.99E-08	4.39E-09	5.86E-09	9.29E-09	1.64E-09	1.18E-09	4.31E-08
3178	387819.61, 3749032.97	1.63511	7.96E-05	1.11E-04	3.92E-04	2.76E-08	8.32E-08	4.82E-08	4.82E-08	4.37E-08	1.99E-08	1.99E-08	9.20E-10	2.22E-08	4.91E-09	6.54E-09	1.04E-08	1.83E-09	1.31E-09	4.81E-08
3179	387819.61, 3749082.97	1.77231	8.63E-05	1.20E-04	4.25E-04	2.99E-08	9.02E-08	5.22E-08	5.22E-08	4.73E-08	2.16E-08	2.16E-08	9.97E-10	2.41E-08	5.32E-09	7.09E-09	1.12E-08	1.98E-09	1.42E-09	5.21E-08
3180	387819.61, 3749132.97	1.86823	9.10E-05	1.26E-04	4.48E-04	3.15E-08	9.51E-08	5.50E-08	5.50E-08	4.99E-08	2.28E-08	2.28E-08	1.05E-09	2.54E-08	5.60E-09	7.47E-09	1.19E-08	2.09E-09	1.50E-09	5.50E-08
3181	387819.61, 3749182.97	1.93001	9.40E-05	1.31E-04	4.63E-04	3.25E-08	9.82E-08	5.69E-08	5.69E-08	5.15E-08	2.35E-08	2.35E-08	1.09E-09	2.62E-08	5.79E-09	7.72E-09	1.22E-08	2.16E-09	1.55E-09	5.68E-08

3182	387819.61, 3749232.97	1.97008	9.59E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.80E-08	5.80E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.88E-09	1.25E-08	2.20E-09	1.58E-09	5.80E-08
3183	387819.61, 3749282.97	1.99452	9.71E-05	1.35E-04	4.78E-04	3.36E-08	1.01E-07	5.88E-08	5.88E-08	5.33E-08	2.43E-08	2.43E-08	1.12E-09	2.71E-08	5.98E-09	7.98E-09	1.27E-08	2.23E-09	1.60E-09	5.87E-08
3184	387819.61, 3749332.97	2.01188	9.80E-05	1.36E-04	4.82E-04	3.39E-08	1.02E-07	5.93E-08	5.93E-08	5.37E-08	2.45E-08	2.45E-08	1.13E-09	2.74E-08	6.04E-09	8.05E-09	1.28E-08	2.25E-09	1.62E-09	5.92E-08
3185	387819.61, 3749382.97	2.02343	9.85E-05	1.37E-04	4.85E-04	3.41E-08	1.03E-07	5.96E-08	5.96E-08	5.40E-08	2.47E-08	2.47E-08	1.14E-09	2.75E-08	6.07E-09	8.09E-09	1.28E-08	2.26E-09	1.63E-09	5.95E-08
3186	387819.61, 3749432.97	2.03159	9.89E-05	1.37E-04	4.87E-04	3.42E-08	1.03E-07	5.98E-08	5.98E-08	5.43E-08	2.48E-08	2.48E-08	1.14E-09	2.76E-08	6.09E-09	8.13E-09	1.29E-08	2.27E-09	1.63E-09	5.98E-08
3187	387819.61, 3749482.97	2.03805	9.92E-05	1.38E-04	4.88E-04	3.43E-08	1.04E-07	6.00E-08	6.00E-08	5.44E-08	2.48E-08	2.48E-08	1.15E-09	2.77E-08	6.11E-09	8.15E-09	1.29E-08	2.28E-09	1.64E-09	6.00E-08
3188	387819.61, 3749532.97	2.044	9.95E-05	1.38E-04	4.90E-04	3.44E-08	1.04E-07	6.02E-08	6.02E-08	5.46E-08	2.49E-08	2.49E-08	1.15E-09	2.78E-08	6.13E-09	8.18E-09	1.30E-08	2.29E-09	1.64E-09	6.01E-08
3189	387819.61, 3749582.97	2.04899	9.98E-05	1.39E-04	4.91E-04	3.45E-08	1.04E-07	6.04E-08	6.04E-08	5.47E-08	2.50E-08	2.50E-08	1.15E-09	2.79E-08	6.15E-09	8.20E-09	1.30E-08	2.29E-09	1.65E-09	6.03E-08
3190	387819.61, 3749632.97	2.06536	1.01E-04	1.40E-04	4.95E-04	3.48E-08	1.05E-07	6.08E-08	6.08E-08	5.52E-08	2.52E-08	2.52E-08	1.16E-09	2.81E-08	6.20E-09	8.26E-09	1.31E-08	2.31E-09	1.66E-09	6.08E-08
3191	387819.61, 3749682.97	2.05289	1.00E-04	1.39E-04	4.92E-04	3.46E-08	1.04E-07	6.05E-08	6.05E-08	5.48E-08	2.50E-08	2.50E-08	1.16E-09	2.79E-08	6.16E-09	8.21E-09	1.30E-08	2.30E-09	1.65E-09	6.04E-08
3192	387819.61, 3749732.97	2.0497	9.98E-05	1.39E-04	4.91E-04	3.45E-08	1.04E-07	6.04E-08	6.04E-08	5.47E-08	2.50E-08	2.50E-08	1.15E-09	2.79E-08	6.15E-09	8.20E-09	1.30E-08	2.29E-09	1.65E-09	6.03E-08
3193	387819.61, 3749782.97	2.04281	9.95E-05	1.38E-04	4.90E-04	3.44E-08	1.04E-07	6.02E-08	6.02E-08	5.46E-08	2.49E-08	2.49E-08	1.15E-09	2.78E-08	6.13E-09	8.17E-09	1.30E-08	2.28E-09	1.64E-09	6.01E-08
3194	387819.61, 3749832.97	2.03275	9.90E-05	1.38E-04	4.87E-04	3.43E-08	1.03E-07	5.99E-08	5.99E-08	5.43E-08	2.48E-08	2.48E-08	1.14E-09	2.76E-08	6.10E-09	8.13E-09	1.29E-08	2.27E-09	1.63E-09	5.98E-08
3195	387819.61, 3749882.97	2.02003	9.84E-05	1.37E-04	4.84E-04	3.40E-08	1.03E-07	5.95E-08	5.95E-08	5.39E-08	2.46E-08	2.46E-08	1.14E-09	2.75E-08	6.06E-09	8.08E-09	1.28E-08	2.26E-09	1.62E-09	5.94E-08
3196	387819.61, 3749932.97	2.00502	9.76E-05	1.36E-04	4.81E-04	3.38E-08	1.02E-07	5.91E-08	5.91E-08	5.35E-08	2.44E-08	2.44E-08	1.13E-09	2.73E-08	6.01E-09	8.02E-09	1.27E-08	2.24E-09	1.61E-09	5.90E-08
3197	387819.61, 3749982.97	1.98806	9.68E-05	1.34E-04	4.76E-04	3.35E-08	1.01E-07	5.86E-08	5.86E-08	5.31E-08	2.42E-08	2.42E-08	1.12E-09	2.70E-08	5.96E-09	7.95E-09	1.26E-08	2.22E-09	1.60E-09	5.85E-08
3198	387819.61, 3750032.97	1.96884	9.59E-05	1.33E-04	4.72E-04	3.32E-08	1.00E-07	5.80E-08	5.80E-08	5.26E-08	2.40E-08	2.40E-08	1.11E-09	2.68E-08	5.91E-09	7.87E-09	1.25E-08	2.20E-09	1.58E-09	5.79E-08
3199	387819.61, 3750082.97	1.96466	9.57E-05	1.33E-04	4.71E-04	3.31E-08	1.00E-07	5.79E-08	5.79E-08	5.25E-08	2.39E-08	2.39E-08	1.11E-09	2.67E-08	5.89E-09	7.86E-09	1.25E-08	2.20E-09	1.58E-09	5.78E-08
3200	387819.61, 3750132.97	1.95252	9.51E-05	1.32E-04	4.68E-04	3.29E-08	9.94E-08	5.75E-08	5.75E-08	5.21E-08	2.38E-08	2.38E-08	1.10E-09	2.65E-08	5.86E-09	7.81E-09	1.24E-08	2.18E-09	1.57E-09	5.75E-08
3201	387819.61, 3750182.97	1.92948	9.39E-05	1.31E-04	4.62E-04	3.25E-08	9.82E-08	5.68E-08	5.68E-08	5.15E-08	2.35E-08	2.35E-08	1.09E-09	2.62E-08	5.79E-09	7.72E-09	1.22E-08	2.16E-09	1.55E-09	5.68E-08
3202	387819.61, 3750232.97	1.91169	9.31E-05	1.29E-04	4.58E-04	3.22E-08	9.73E-08	5.63E-08	5.63E-08	5.11E-08	2.33E-08	2.33E-08	1.08E-09	2.60E-08	5.73E-09	7.65E-09	1.21E-08	2.14E-09	1.54E-09	5.62E-08
3203	387819.61, 3750282.97	1.89044	9.20E-05	1.28E-04	4.53E-04	3.19E-08	9.62E-08	5.57E-08	5.57E-08	5.05E-08	2.30E-08	2.30E-08	1.06E-09	2.57E-08	5.67E-09	7.56E-09	1.20E-08	2.11E-09	1.52E-09	5.56E-08
3204	387819.61, 3750332.97	1.87122	9.11E-05	1.27E-04	4.48E-04	3.15E-08	9.52E-08	5.51E-08	5.51E-08	5.00E-08	2.28E-08	2.28E-08	1.05E-09	2.54E-08	5.61E-09	7.48E-09	1.19E-08	2.09E-09	1.50E-09	5.51E-08
3205	387819.61, 3750382.97	1.85715	9.04E-05	1.26E-04	4.45E-04	3.13E-08	9.45E-08	5.47E-08	5.47E-08	4.96E-08	2.26E-08	2.26E-08	1.05E-09	2.52E-08	5.57E-09	7.43E-09	1.18E-08	2.08E-09	1.49E-09	5.46E-08
3206	387819.61, 3750432.97	1.8368	8.94E-05	1.24E-04	4.40E-04	3.10E-08	9.35E-08	5.41E-08	5.41E-08	4.91E-08	2.24E-08	2.24E-08	1.03E-09	2.50E-08	5.51E-09	7.35E-09	1.17E-08	2.05E-09	1.48E-09	5.40E-08
3207	387869.61, 3748982.97	1.27059	6.19E-05	8.59E-05	3.05E-04	2.14E-08	6.47E-08	3.74E-08	3.74E-08	3.39E-08	1.55E-08	1.55E-08	7.15E-10	1.73E-08	3.81E-09	5.08E-09	8.06E-09	1.42E-09	1.02E-09	3.74E-08
3208	387869.61, 3749032.97	1.41082	6.87E-05	9.54E-05	3.38E-04	2.38E-08	7.18E-08	4.16E-08	4.16E-08	3.77E-08	1.72E-08	1.72E-08	7.94E-10	1.92E-08	4.23E-09	5.64E-09	8.95E-09	1.58E-09	1.13E-09	4.15E-08
3209	387869.61, 3749082.97	1.53204	7.46E-05	1.04E-04	3.67E-04	2.58E-08	7.80E-08	4.51E-08	4.51E-08	4.09E-08	1.87E-08	1.87E-08	8.62E-10	2.08E-08	4.60E-09	6.13E-09	9.72E-09	1.71E-09	1.23E-09	4.51E-08
3210	387869.61, 3749132.97	1.62327	7.90E-05	1.10E-04	3.89E-04	2.74E-08	8.26E-08	4.78E-08	4.78E-08	4.33E-08	1.98E-08	1.98E-08	9.14E-10	2.21E-08	4.87E-09	6.49E-09	1.03E-08	1.82E-09	1.30E-09	4.78E-08
3211	387869.61, 3749182.97	1.68704	8.21E-05	1.14E-04	4.04E-04	2.84E-08	8.59E-08	4.97E-08	4.97E-08	4.51E-08	2.06E-08	2.06E-08	9.49E-10	2.29E-08	5.06E-09	6.75E-09	1.07E-08	1.89E-09	1.36E-09	4.96E-08
3212	387869.61, 3749232.97	1.72929	8.42E-05	1.17E-04	4.14E-04	2.91E-08	8.80E-08	5.09E-08	5.09E-08	4.62E-08	2.11E-08	2.11E-08	9.73E-10	2.35E-08	5.19E-09	6.92E-09	1.10E-08	1.93E-09	1.39E-09	5.09E-08
3213	387869.61, 3749282.97	1.76125	8.58E-05	1.19E-04	4.22E-04	2.97E-08	8.96E-08	5.19E-08	5.19E-08	4.70E-08	2.15E-08	2.15E-08	9.91E-10	2.39E-08	5.28E-09	7.04E-09	1.12E-08	1.97E-09	1.42E-09	5.18E-08
3214	387869.61, 3749332.97	1.78345	8.68E-05	1.21E-04	4.27E-04	3.01E-08	9.08E-08	5.25E-08	5.25E-08	4.76E-08	2.17E-08	2.17E-08	1.00E-09	2.42E-08	5.35E-09	7.13E-09	1.13E-08	1.99E-09	1.43E-09	5.25E-08
3215	387869.61, 3749382.97	1.79885	8.76E-05	1.22E-04	4.31E-04	3.03E-08	9.15E-08	5.30E-08	5.30E-08	4.80E-08	2.19E-08	2.19E-08	1.01E-09	2.45E-08	5.40E-09	7.19E-09	1.14E-08	2.01E-09	1.45E-09	5.29E-08
3216	387869.61, 3749432.97	1.81047	8.81E-05	1.22E-04	4.34E-04	3.05E-08	9.21E-08	5.33E-08	5.33E-08	4.83E-08	2.21E-08	2.21E-08	1.02E-09	2.46E-08	5.43E-09	7.24E-09	1.15E-08	2.02E-09	1.46E-09	5.33E-08
3217	387869.61, 3749482.97	1.82043	8.86E-05	1.23E-04	4.36E-04	3.07E-08	9.26E-08	5.36E-08	5.36E-08	4.86E-08	2.22E-08	2.22E-08	1.02E-09	2.47E-08	5.46E-09	7.28E-09	1.16E-08	2.04E-09	1.46E-09	5.36E-08
3218	387869.61, 3749532.97	1.8292	8.91E-05	1.24E-04	4.38E-04	3.08E-08	9.31E-08	5.39E-08	5.39E-08	4.88E-08	2.23E-08	2.23E-08	1.03E-09	2.49E-08	5.49E-09	7.32E-09	1.16E-08	2.05E-09	1.47E-09	5.38E-08
3219	387869.61, 3749582.97	1.83641	8.94E-05	1.24E-04	4.40E-04	3.10E-08	9.35E-08	5.41E-08	5.41E-08	4.90E-08	2.24E-08	2.24E-08	1.03E-09	2.50E-08	5.51E-09	7.35E-09	1.17E-08	2.05E-09	1.48E-09	5.40E-08
3220	387869.61, 3749632.97	1.83883	8.95E-05	1.24E-04	4.41E-04	3.10E-08	9.36E-08	5.42E-08	5.42E-08	4.91E-08	2.24E-08	2.24E-08	1.03E-09	2.50E-08	5.52E-09	7.35E-09	1.17E-08	2.06E-09	1.48E-09	5.41E-08
3221	387869.61, 3749682.97	1.84397	8.98E-05	1.25E-04	4.42E-04	3.11E-08	9.38E-08	5.43E-08	5.43E-08	4.92E-08	2.25E-08	2.25E-08	1.04E-09	2.51E-08	5.53E-09	7.38E-09	1.17E-08	2.06E-09	1.48E-09	5.43E-08
3222	387869.61, 3749732.97	1.84647	8.99E-05	1.25E-04	4.43E-04	3.11E-08	9.40E-08	5.44E-08	5.44E-08	4.93E-08	2.25E-08	2.25E-08	1.04E-09	2.51E-08	5.54E-09	7.39E-09	1.17E-08	2.06E-09	1.48E-09	5.43E-08
3223	387869.61, 3749782.97	1.8513	9.01E-05	1.25E-04	4.44E-04	3.12E-08	9.42E-08	5.45E-08	5.45E-08	4.94E-08	2.26E-08	2.26E-08	1.04E-09	2.52E-08	5.55E-09	7.40E-09	1.17E-08	2.07E-09	1.49E-09	5.45E-08
3224	387869.61, 3749832.97	1.83833	8.95E-05	1.24E-04	4.41E-04	3.10E-08	9.36E-08	5.42E-08	5.42E-08	4.91E-08	2.24E-08	2.24E-08	1.03E-09	2.50E-08	5.51E-09	7.35E-09	1.17E-08	2.06E-09	1.48E-09	5.41E-08
3225	387869.61, 3749882.97	1.8397	8.96E-05	1.24E-04	4.41E-04	3.10E-08	9.36E-08	5.42E-08	5.42E-08	4.91E-08	2.24E-08	2.24E-08	1.04E-09	2.50E-08	5.52E-09	7.36E-09	1.17E-08	2.06E-09	1.48E-09	5.41E-08
3226	387869.61, 3749932.97	1.83662	8.94E-05	1.24E-04	4.40E-04	3.10E-08	9.35E-08	5.41E-08	5.41E-08	4.90E-08	2.24E-08	2.24E-08	1.03E-09	2.50E-08	5.51E-09	7.35E-09	1.17E-08	2.05E-09	1.48E-09	5.40E-08
3227	387869.61, 3749982.97	1.82352	8.88E-05	1.23E-04	4.37E-04	3.07E-08	9.28E-08	5.37E-08	5.37E-08	4.87E-08	2.22E-08	2.22E-08	1.03E-09	2.48E-08	5.47E-09	7.29E-09	1.16E-08	2.04E-09	1.47E-09	5.37E-08
3228	387869.61, 3750032.97	1.80891	8.81E-05	1.22E-04	4.34E-04	3.05E-08	9.21E-08	5.33E-08	5.33E-08	4.83E-08	2.20E-08	2.20E-08	1.02E-09	2.46E-08	5.43E-09	7.24E-09	1.15E-08	2.02E-09	1.45E-09	5.32E-08
3229	387919.61, 3748982.97	1.12099	5.46E-05	7.58E-05	2.69E-04	1.89E-08	5.70E-08	3.30E-08	3.30E-08	2.99E-08	1.37E-08	1.37E-08	6.31E-10	1.52E-08	3.36E-09	4.48E-09	7.11E-09	1.25E-09	9.01E-10	3.30E-08
3230	387919.61, 3749032.97	1.23709	6.02E-05	8.37E-05	2.97E-04	2.08E-08	6.30E-08	3.64E-08	3.64E-08	3.30E-08	1.51E-08	1.51E-08	6.96E-10	1.68E-08	3.71E-09	4.95E-09	7.85E-09	1.38E-09	9.94E-10	3.64E-08
3231	387919.61, 3749082.97	1.34205	6.53E-05	9.08E-05	3.22E-04	2.26E-08	6.83E-08	3.95E-08	3.95E-08	3.58E-08	1.64E-08	1.64E-08	7.55E-10	1.82E-08	4.03E-09	5.37E-09	8.52E-09	1.50E-09	1.08E-09	3.95E-08
3232	387919.61, 3749132.97	1.42805	6.95E-05	9.66E-05	3.42E-04	2.41E-08	7.27E-08	4.21E-08	4.21E-08	3.81E-08	1.74E-08	1.74E-08	8.04E-10	1.94E-08	4.28E-09	5.71E-09	9.06E-09	1.60E-09	1.15E-09	4.20E-08
3233	387919.61, 3749182.97	1.4919	7.26E-05	1.01E-04	3.58E-04	2.51E-08	7.59E-08	4.40E-08	4.40E-08	3.98E-08	1.82E-08	1.82E-08	8.40E-10	2.03E-08	4.48E-09	5.97E-09	9.47E-09	1.67E-09	1.20E-09	4.39E-08
3234	387919.61, 3749232.97	1.539	7.49E-05	1.04E-04	3.69E-04	2.59E-08	7.83E-08	4.53E-08	4.53E-08	4.11E-08	1.88E-08	1.88E-08	8.66E-10	2.09E-08	4.62E-09	6.16E-09	9.77E-09	1.72E-09	1.24E-09	4.53E-08
3235	387919.61, 3749282.97	1.571	7.65E-05	1.06E-04	3.77E-04	2.65E-08	7.99E-08	4.63E-08	4.63E-08	4.20E-08	1.91E-08	1.91E-08	8.84E-10	2.14E-08	4.71E-09	6.28E-09	9.97E-09	1.76E-09	1.26E-09	4.62E-08
3236	387919.61, 3749332.97	1.59592	7.77E-05	1.08E-04	3.83E-04	2.69E-08	8.12E-08	4.70E-08	4.70E-08	4.26E-08	1.94E-08	1.94E-08	8.98E-10	2.17E-08	4.79E-09	6.38E-09	1.01E-08	1.78E-09	1.28E-09	4.70E-08
3237	387919.61, 3749382.97	1.61477	7.86E-05	1.09E-04	3.87E-04	2.72E-08	8.22E-08	4.76E-08	4.76E-08	4.31E-08	1.97E-08	1.97E-08	9.09E-10	2.20E-08	4.84E-09	6.46E-09	1.02E-08	1.81E-09	1.30E-09	4.75E-08
3238	387919.61, 3749432.97	1.62952	7.93E-05	1.10E-04	3.91E-04	2.75E-08	8.29E-08	4.80E-08	4.80E-08	4.35E-08	1.99E-08	1.99E-08	9.17E-10	2.22E-08	4.89E-09	6.52E-09	1.03E-08	1.82E-09	1.31E-09	4.79E-08
3239	387919.61, 3749482.97	1.6407	7.99E-05	1.11E-04	3.93E-04	2.77E-08	8.35E-08	4.83E-08	4.83E-08	4.38E-08	2.00E-08	2.00E-08	9.23E-10	2.23E-08	4.92E-09	6.56E-09	1.04E-08	1.83E-09	1.32E-09	4.83E-08
3240	387919.61, 3749532.97	1.65018	8.03E-05	1.12E-04	3.96E-04	2.78E-08	8.40E-08	4.86E-08	4.86E-08	4.41E-08	2.01E-08	2.01E-08	9.29E-10	2.24E-08	4.95E-09	6.60E-09	1.05E-08	1.85E-09	1.33E-09	4.86E-08
3241	387919.61, 3749582.97	1.65869	8.08E-05	1.12E-04	3.98E-04	2.80E-08	8.44E-08	4.89E-08	4.89E-08	4.43E-08	2.02E-08	2.02E-08	9.34E-10	2.25E-08	4.98E-09	6.63E-09	1.05E-08	1.85E-09	1.33E-09	4.88E-08
3242	387969.61, 3748982.97	1.00344	4.89E-05	6.79E-05	2.41E-04	1.69E-08	5.11E-08	2.96E-08	2.96E-08	2.68E-08	1.22E-08	1.22E-08	5.65E-10	1.36E-08	3.01E-09	4.01E-09	6.37E-09	1.12E-09	8.07E-10	2.95E-08
3243	387969.61, 3749032.97	1.10082	5.36E-05	7.45E-05	2.64E-04	1.86E-08	5.60E-08	3.24E-08	3.24E-08	2.94E-08	1.34E-08	1.34E-08	6.20E-10	1.50E-08	3.30E-09	4.40E-09	6.98E-09	1.23E-09	8.85E-10	3.24E-08
3244	387969.61, 3749082.97	1.19188	5.80E-05	8.06E-05	2.86E-04	2.01E-08	6.07E-08	3.51E-08	3.51E-08	3.18E-08	1.45E-08	1.45E-08	6.71E-10	1.62E-08	3.58E-09	4.77E-09	7.56E-09	1.33E-09	9.58E-10	3.51E-08
3245	387969.61, 3749132.97	1.26935	6.18E-05	8.59E-05	3.04E-04	2.14E-08	6.46E-08	3.74E-08	3.74E-08	3.39E-08	1.55E-08	1.55E-08	7.14E-10	1.73E-08	3.81E-09	5.08E-09	8.05E-09	1.42E-09	1.02E-09	3.73E-08

					2028			2033			2048		
	NO2			Rate (g/s):	1.51E-02	1.51E-02	1.51E-02	1.77E-02	1.77E-02	1.77E-02	2.63E-02	2.63E-02	2.63E-02
	Concentration [µg/m^3] at 1 g/s												
	Period	1st	8th		Annual	1hr (1st)	1hr (8th)	Annual	1hr (1st)	1hr (8th)	Annual	1hr (1st)	1hr (8th)
#	X, Y	Main (SLII	Main (SLII	Main (SLINE1)	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	386843.93, 3751698.71	1.51658	7.63616	7.48211	2.29E-02	1.15E-01	1.13E-01	2.69E-02	1.35E-01	1.33E-01	3.99E-02	2.01E-01	1.97E-01
2	386843.93, 3751723.71	1.49065	7.64936	7.535	2.25E-02	1.16E-01	1.14E-01	2.64E-02	1.36E-01	1.34E-01	3.92E-02	2.01E-01	1.98E-01
3	386843.93, 3751748.71	1.46179	7.80038	7.6716	2.21E-02	1.18E-01	1.16E-01	2.59E-02	1.38E-01	1.36E-01	3.84E-02	2.05E-01	2.02E-01
4	386843.93, 3751773.71	1.43106	7.83206	7.70768	2.16E-02	1.18E-01	1.17E-01	2.54E-02	1.39E-01	1.37E-01	3.76E-02	2.06E-01	2.03E-01
5	386843.93, 3751798.71	1.39631	7.87303	7.7387	2.11E-02	1.19E-01	1.17E-01	2.47E-02	1.40E-01	1.37E-01	3.67E-02	2.07E-01	2.03E-01
6	386843.93, 3751823.71	1.36858	7.84453	7.70622	2.07E-02	1.19E-01	1.17E-01	2.43E-02	1.39E-01	1.37E-01	3.60E-02	2.06E-01	2.03E-01
7	386843.93, 3751848.71	1.31497	7.93625	7.76655	1.99E-02	1.20E-01	1.17E-01	2.33E-02	1.41E-01	1.38E-01	3.46E-02	2.09E-01	2.04E-01
8	386843.93, 3751873.71	1.27258	7.93994	7.74409	1.92E-02	1.20E-01	1.17E-01	2.25E-02	1.41E-01	1.37E-01	3.35E-02	2.09E-01	2.04E-01
9	386868.93, 3751448.71	1.72536	8.09065	7.97745	2.61E-02	1.22E-01	1.21E-01	3.06E-02	1.43E-01	1.41E-01	4.54E-02	2.13E-01	2.10E-01
10	386868.93, 3751473.71	1.72799	8.13251	8.02908	2.61E-02	1.23E-01	1.21E-01	3.06E-02	1.44E-01	1.42E-01	4.54E-02	2.14E-01	2.11E-01
11	386868.93, 3751498.71	1.73285	8.07791	7.98501	2.62E-02	1.22E-01	1.21E-01	3.07E-02	1.43E-01	1.41E-01	4.56E-02	2.12E-01	2.10E-01
12	386868.93, 3751523.71	1.74064	8.13079	8.01011	2.63E-02	1.23E-01	1.21E-01	3.08E-02	1.44E-01	1.42E-01	4.58E-02	2.14E-01	2.11E-01
13	386868.93, 3751548.71	1.58397	8.47358	8.26148	2.40E-02	1.28E-01	1.25E-01	2.81E-02	1.50E-01	1.46E-01	4.16E-02	2.23E-01	2.17E-01
14	386868.93, 3751573.71	1.63557	8.44668	8.2742	2.47E-02	1.28E-01	1.25E-01	2.90E-02	1.50E-01	1.47E-01	4.30E-02	2.22E-01	2.18E-01
15	386868.93, 3751598.71	1.69806	8.33659	8.1546	2.57E-02	1.26E-01	1.23E-01	3.01E-02	1.48E-01	1.44E-01	4.46E-02	2.19E-01	2.14E-01
16	386868.93, 3751623.71	1.71474	8.17117	7.89891	2.59E-02	1.24E-01	1.19E-01	3.04E-02	1.45E-01	1.40E-01	4.51E-02	2.15E-01	2.08E-01
17	386868.93, 3751648.71	1.67687	8.29041	8.08456	2.54E-02	1.25E-01	1.22E-01	2.97E-02	1.47E-01	1.43E-01	4.41E-02	2.18E-01	2.13E-01
18	386868.93, 3751673.71	1.6595	8.26115	8.06435	2.51E-02	1.25E-01	1.22E-01	2.94E-02	1.46E-01	1.43E-01	4.36E-02	2.17E-01	2.12E-01
19	386868.93, 3751698.71	1.64139	8.23702	8.06432	2.48E-02	1.25E-01	1.22E-01	2.91E-02	1.46E-01	1.43E-01	4.32E-02	2.17E-01	2.12E-01
20	386868.93, 3751723.71	1.6146	8.2449	8.10536	2.44E-02	1.25E-01	1.23E-01	2.86E-02	1.46E-01	1.44E-01	4.24E-02	2.17E-01	2.13E-01
21	386868.93, 3751748.71	1.58557	8.27425	8.15476	2.40E-02	1.25E-01	1.23E-01	2.81E-02	1.47E-01	1.44E-01	4.17E-02	2.18E-01	2.14E-01
22	386868.93, 3751773.71	1.56653	8.30041	8.17411	2.37E-02	1.26E-01	1.24E-01	2.78E-02	1.47E-01	1.45E-01	4.12E-02	2.18E-01	2.15E-01
23	386868.93, 3751798.71	1.52855	8.34698	8.2074	2.31E-02	1.26E-01	1.24E-01	2.71E-02	1.48E-01	1.45E-01	4.02E-02	2.19E-01	2.16E-01
24	386868.93, 3751823.71	1.488	8.3804	8.21897	2.25E-02	1.27E-01	1.24E-01	2.64E-02	1.48E-01	1.46E-01	3.91E-02	2.20E-01	2.16E-01
25	386868.93, 3751848.71	1.4339	8.40679	8.23352	2.17E-02	1.27E-01	1.24E-01	2.54E-02	1.49E-01	1.46E-01	3.77E-02	2.21E-01	2.16E-01
26	386868.93, 3751873.71	1.38007	8.41249	8.21448	2.09E-02	1.27E-01	1.24E-01	2.45E-02	1.49E-01	1.46E-01	3.63E-02	2.21E-01	2.16E-01
27	386893.93, 3751198.71	1.81503	8.23923	8.12649	2.74E-02	1.25E-01	1.23E-01	3.22E-02	1.46E-01	1.44E-01	4.77E-02	2.17E-01	2.14E-01
28	386893.93, 3751223.71	1.83542	8.27764	8.16661	2.78E-02	1.25E-01	1.23E-01	3.25E-02	1.47E-01	1.45E-01	4.83E-02	2.18E-01	2.15E-01
29	386893.93, 3751248.71	1.84125	8.35402	8.22938	2.78E-02	1.26E-01	1.24E-01	3.26E-02	1.48E-01	1.46E-01	4.84E-02	2.20E-01	2.16E-01
30	386893.93, 3751273.71	1.84425	8.40892	8.27645	2.79E-02	1.27E-01	1.25E-01	3.27E-02	1.49E-01	1.47E-01	4.85E-02	2.21E-01	2.18E-01
31	386893.93, 3751298.71	1.85739	8.42808	8.24399	2.81E-02	1.27E-01	1.25E-01	3.29E-02	1.49E-01	1.46E-01	4.88E-02	2.22E-01	2.17E-01
32	386893.93, 3751323.71	1.86252	8.43448	8.22677	2.82E-02	1.28E-01	1.24E-01	3.30E-02	1.49E-01	1.46E-01	4.90E-02	2.22E-01	2.16E-01
33	386893.93, 3751348.71	1.87447	8.3668	8.15563	2.83E-02	1.27E-01	1.23E-01	3.32E-02	1.48E-01	1.45E-01	4.93E-02	2.20E-01	2.14E-01
34	386893.93, 3751373.71	1.88476	8.32372	8.12705	2.85E-02	1.26E-01	1.23E-01	3.34E-02	1.47E-01	1.44E-01	4.96E-02	2.19E-01	2.14E-01
35	386893.93, 3751398.71	1.88763	8.30784	8.16418	2.85E-02	1.26E-01	1.23E-01	3.34E-02	1.47E-01	1.45E-01	4.96E-02	2.18E-01	2.15E-01
36	386893.93, 3751423.71	1.88327	8.35182	8.23522	2.85E-02	1.26E-01	1.25E-01	3.34E-02	1.48E-01	1.46E-01	4.95E-02	2.20E-01	2.17E-01
37	386893.93, 3751448.71	1.87232	8.57659	8.45561	2.83E-02	1.30E-01	1.28E-01	3.32E-02	1.52E-01	1.50E-01	4.92E-02	2.25E-01	2.22E-01
38	386893.93, 3751473.71	1.87461	8.64564	8.52054	2.83E-02	1.31E-01	1.29E-01	3.32E-02	1.53E-01	1.51E-01	4.93E-02	2.27E-01	2.24E-01
39	386893.93, 3751498.71	1.88018	8.72454	8.58889	2.84E-02	1.32E-01	1.30E-01	3.33E-02	1.55E-01	1.52E-01	4.94E-02	2.29E-01	2.26E-01
40	386893.93, 3751523.71	1.89771	8.65101	8.51397	2.87E-02	1.31E-01	1.29E-01	3.36E-02	1.53E-01	1.51E-01	4.99E-02	2.27E-01	2.24E-01
41	386893.93, 3751548.71	1.76814	8.94963	8.72492	2.67E-02	1.35E-01	1.32E-01	3.13E-02	1.59E-01	1.55E-01	4.65E-02	2.35E-01	2.29E-01
42	386893.93, 3751573.71	1.7716	8.96836	8.73187	2.68E-02	1.36E-01	1.32E-01	3.14E-02	1.59E-01	1.55E-01	4.66E-02	2.36E-01	2.30E-01
43	386893.93, 3751598.71	1.83418	8.88838	8.70047	2.77E-02	1.34E-01	1.32E-01	3.25E-02	1.57E-01	1.54E-01	4.82E-02	2.34E-01	2.29E-01
44	386893.93, 3751623.71	1.88519	8.58312	8.20955	2.85E-02	1.30E-01	1.24E-01	3.34E-02	1.52E-01	1.45E-01	4.96E-02	2.26E-01	2.16E-01
45	386893.93, 3751648.71	1.81464	8.83168	8.62032	2.74E-02	1.34E-01	1.30E-01	3.22E-02	1.56E-01	1.53E-01	4.77E-02	2.32E-01	2.27E-01
46	386893.93, 3751673.71	1.79451	8.81064	8.62036	2.71E-02	1.33E-01	1.30E-01	3.18E-02	1.56E-01	1.53E-01	4.72E-02	2.32E-01	2.27E-01
47	386893.93, 3751698.71	1.77591	8.79728	8.6354	2.69E-02	1.33E-01	1.31E-01	3.15E-02	1.56E-01	1.53E-01	4.67E-02	2.31E-01	2.27E-01
48	386893.93, 3751723.71	1.77006	8.77802	8.64613	2.68E-02	1.33E-01	1.31E-01	3.14E-02	1.56E-01	1.53E-01	4.65E-02	2.31E-01	2.27E-01
49	386893.93, 3751748.71	1.74716	8.80782	8.69025	2.64E-02	1.33E-01	1.31E-01	3.10E-02	1.56E-01	1.54E-01	4.59E-02	2.32E-01	2.28E-01
50	386893.93, 3751773.71	1.70809	8.86542	8.73675	2.58E-02	1.34E-01	1.32E-01	3.03E-02	1.57E-01	1.55E-01	4.49E-02	2.33E-01	2.30E-01
51	386893.93, 3751798.71	1.67389	8.90208	8.76523	2.53E-02	1.35E-01	1.33E-01	2.97E-02	1.58E-01	1.55E-01	4.40E-02	2.34E-01	2.30E-01
52	386893.93, 3751823.71	1.63763	8.92916	8.76975	2.48E-02	1.35E-01	1.33E-01	2.90E-02	1.58E-01	1.55E-01	4.31E-02	2.35E-01	2.31E-01
53	386893.93, 3751848.71	1.57509	8.95009	8.77135	2.38E-02	1.35E-01	1.33E-01	2.79E-02	1.59E-01	1.55E-01	4.14E-02	2.35E-01	2.31E-01
54	386893.93, 3751873.71	1.51799	8.94221	8.73442	2.30E-02	1.35E-01	1.32E-01	2.69E-02	1.58E-01	1.55E-01	3.99E-02	2.35E-01	2.30E-01
55	386918.93, 3750948.71	1.86908	8.2388	8.06329	2.83E-02	1.25E-01	1.22E-01	3.31E-02	1.46E-01	1.43E-01	4.91E-02	2.17E-01	2.12E-01
56	386918.93, 3750973.71	1.88699	8.22064	8.03867	2.85E-02	1.24E-01	1.22E-01	3.34E-02	1.46E-01	1.42E-01	4.96E-02	2.16E-01	2.11E-01
57	386918.93, 3750998.71	1.89381	8.23058	8.05494	2.86E-02	1.24E-01	1.22E-01	3.36E-02	1.46E-01	1.43E-01	4.98E-02	2.16E-01	2.12E-01
58	386918.93, 3751023.71	1.90501	8.23068	8.06504	2.88E-02	1.24E-01	1.22E-01	3.38E-02	1.46E-01	1.43E-01	5.01E-02	2.16E-01	2.12E-01
59	386918.93, 3751048.71	1.92151	8.22813	8.06783	2.91E-02	1.24E-01	1.22E-01	3.40E-02	1.46E-01	1.43E-01	5.05E-02	2.16E-01	2.12E-01
60	386918.93, 3751073.71	1.91715	8.3287	8.19549	2.90E-02	1.26E-01	1.24E-01	3.40E-02	1.48E-01	1.45E-01	5.04E-02	2.19E-01	2.15E-01
61	386918.93, 3751098.71	1.9241	8.37527	8.25593	2.91E-02	1.27E-01	1.25E-01	3.41E-02	1.48E-01	1.46E-01	5.06E-02	2.20E-01	2.17E-01
62	386918.93, 3751123.71	1.9331	8.42926	8.3232	2.92E-02	1.27E-01	1.26E-01	3.43E-02	1.49E-01	1.47E-01	5.08E-02	2.22E-01	2.19E-01
63	386918.93, 3751148.71	1.94408	8.50282	8.40419	2.94E-02	1.29E-01	1.27E-01	3.44E-02	1.51E-01	1.49E-01	5.11E-02	2.24E-01	2.21E-01
64	386918.93, 3751173.71	1.9694	8.5901	8.49586	2.98E-02	1.30E-01	1.28E-01	3.49E-02	1.52E-01	1.51E-01	5.18E-02	2.26E-01	2.23E-01
65	386918.93, 3751198.71	1.96518	8.68672	8.57956	2.97E-02	1.31E-01	1.30E-01	3.48E-02	1.54E-01	1.52E-01	5.17E-02	2.28E-01	2.26E-01
66	386918.93, 3751223.71	1.98643	8.78778	8.6665	3.00E-02	1.33E-01	1.31E-01	3.52E-02	1.56E-01	1.54E-01	5.22E-02	2.31E-01	2.28E-01
67	386918.93, 3751248.71	1.99254	8.87532	8.7394	3.01E-02	1.34E-01	1.32E-01	3.53E-02	1.57E-01	1.55E-01	5.24E-02	2.33E-01	2.30E-01
68	386918.93, 3751273.71	1.99928	8.94078	8.77056	3.02E-02	1.35E-01	1.33E-01	3.54E-02	1.58E-01	1.55E-01	5.26E-02	2.35E-01	2.31E-01
69	386918.93, 3751298.71	2.0166	8.94095	8.73674	3.05E-02	1.35E-01	1.32E-01	3.57E-02	1.58E-01	1.55E-01	5.30E-02	2.35E-01	2.30E-01
70	386918.93, 3751323.71	2.01496	8.99097	8.80399	3.05E-02	1.36E-01	1.33E-01	3.57E-02	1.59E-01	1.56E-01	5.30E-02	2.36E-01	2.31E-01
71	386918.93, 3751348.71	2.03051	8.89074	8.65825	3.07E-02	1.34E-01	1.31E-01	3.60E-02	1.58E-01	1.53E-01	5.34E-02	2.34E-01	2.28E-01
72	386918.93, 3751373.71	2.05337	8.80411	8.6103	3.10E-02	1.33E-01	1.30E-01	3.64E-02	1.56E-01	1.53E-01	5.40E-02	2.31E-01	2.26E-01

73	386918.93, 3751398.71	2.05827	8.80804	8.67263	3.11E-02	1.33E-01	1.31E-01	3.65E-02	1.56E-01	1.54E-01	5.41E-02	2.32E-01	2.28E-01
74	386918.93, 3751423.71	2.05592	8.87191	8.7692	3.11E-02	1.34E-01	1.33E-01	3.64E-02	1.57E-01	1.55E-01	5.41E-02	2.33E-01	2.31E-01
75	386918.93, 3751448.71	2.047	9.13777	9.01313	3.10E-02	1.38E-01	1.36E-01	3.63E-02	1.62E-01	1.60E-01	5.38E-02	2.40E-01	2.37E-01
76	386918.93, 3751473.71	2.05258	9.22287	9.08901	3.10E-02	1.39E-01	1.37E-01	3.64E-02	1.63E-01	1.61E-01	5.40E-02	2.42E-01	2.39E-01
77	386918.93, 3751498.71	2.09358	9.21672	9.09601	3.17E-02	1.39E-01	1.38E-01	3.71E-02	1.63E-01	1.61E-01	5.50E-02	2.42E-01	2.39E-01
78	386918.93, 3751523.71	2.09542	9.30072	9.13817	3.17E-02	1.41E-01	1.38E-01	3.71E-02	1.65E-01	1.62E-01	5.51E-02	2.45E-01	2.40E-01
79	386918.93, 3751548.71	2.05301	9.421	9.24407	3.10E-02	1.42E-01	1.40E-01	3.64E-02	1.67E-01	1.64E-01	5.40E-02	2.48E-01	2.43E-01
80	386918.93, 3751573.71	1.99211	9.51466	9.30423	3.01E-02	1.44E-01	1.41E-01	3.53E-02	1.69E-01	1.65E-01	5.24E-02	2.50E-01	2.45E-01
81	386918.93, 3751598.71	2.04837	9.4299	9.19895	3.10E-02	1.43E-01	1.39E-01	3.63E-02	1.67E-01	1.63E-01	5.39E-02	2.48E-01	2.42E-01
82	386918.93, 3751623.71	2.047	9.23177	8.95829	3.10E-02	1.40E-01	1.35E-01	3.63E-02	1.64E-01	1.59E-01	5.38E-02	2.43E-01	2.36E-01
83	386918.93, 3751648.71	2.0092	9.39874	9.18873	3.04E-02	1.42E-01	1.39E-01	3.56E-02	1.67E-01	1.63E-01	5.28E-02	2.47E-01	2.42E-01
84	386918.93, 3751673.71	1.9873	9.38972	9.20365	3.00E-02	1.42E-01	1.39E-01	3.52E-02	1.66E-01	1.63E-01	5.22E-02	2.47E-01	2.42E-01
85	386918.93, 3751698.71	1.96518	9.40019	9.23544	2.97E-02	1.42E-01	1.40E-01	3.48E-02	1.67E-01	1.64E-01	5.17E-02	2.47E-01	2.43E-01
86	386918.93, 3751723.71	1.96577	9.39915	9.26717	2.97E-02	1.42E-01	1.40E-01	3.48E-02	1.67E-01	1.64E-01	5.17E-02	2.47E-01	2.44E-01
87	386918.93, 3751748.71	1.94072	9.45227	9.32392	2.93E-02	1.43E-01	1.41E-01	3.44E-02	1.67E-01	1.65E-01	5.10E-02	2.49E-01	2.45E-01
88	386918.93, 3751773.71	1.90514	9.51324	9.371	2.88E-02	1.44E-01	1.42E-01	3.38E-02	1.69E-01	1.66E-01	5.01E-02	2.50E-01	2.46E-01
89	386918.93, 3751798.71	1.86311	9.55963	9.39725	2.82E-02	1.45E-01	1.42E-01	3.30E-02	1.69E-01	1.67E-01	4.90E-02	2.51E-01	2.47E-01
90	386918.93, 3751823.71	1.82087	9.57878	9.39997	2.75E-02	1.45E-01	1.42E-01	3.23E-02	1.70E-01	1.67E-01	4.79E-02	2.52E-01	2.47E-01
91	386918.93, 3751848.71	1.75121	9.59125	9.39804	2.65E-02	1.45E-01	1.42E-01	3.10E-02	1.70E-01	1.67E-01	4.60E-02	2.52E-01	2.47E-01
92	386918.93, 3751873.71	1.67611	9.57163	9.37041	2.53E-02	1.45E-01	1.42E-01	2.97E-02	1.70E-01	1.66E-01	4.41E-02	2.52E-01	2.46E-01
93	386943.93, 3750698.71	1.89008	8.24427	8.10552	2.86E-02	1.25E-01	1.23E-01	3.35E-02	1.46E-01	1.44E-01	4.97E-02	2.17E-01	2.13E-01
94	386943.93, 3750723.71	1.90179	8.27561	8.1383	2.88E-02	1.25E-01	1.23E-01	3.37E-02	1.47E-01	1.44E-01	5.00E-02	2.18E-01	2.14E-01
95	386943.93, 3750748.71	1.91462	8.3289	8.19236	2.90E-02	1.26E-01	1.24E-01	3.39E-02	1.48E-01	1.45E-01	5.03E-02	2.19E-01	2.15E-01
96	386943.93, 3750773.71	1.94549	8.22875	8.08986	2.94E-02	1.24E-01	1.22E-01	3.45E-02	1.46E-01	1.43E-01	5.11E-02	2.16E-01	2.13E-01
97	386943.93, 3750798.71	1.93851	8.43844	8.29728	2.93E-02	1.28E-01	1.25E-01	3.43E-02	1.50E-01	1.47E-01	5.10E-02	2.22E-01	2.18E-01
98	386943.93, 3750823.71	1.95223	8.48628	8.34383	2.95E-02	1.28E-01	1.26E-01	3.46E-02	1.50E-01	1.48E-01	5.13E-02	2.23E-01	2.19E-01
99	386943.93, 3750848.71	1.96454	8.5402	8.39903	2.97E-02	1.29E-01	1.27E-01	3.48E-02	1.51E-01	1.49E-01	5.16E-02	2.25E-01	2.21E-01
100	386943.93, 3750873.71	1.98079	8.5821	8.43956	3.00E-02	1.30E-01	1.28E-01	3.51E-02	1.52E-01	1.50E-01	5.21E-02	2.26E-01	2.22E-01
101	386943.93, 3750898.71	1.995	8.62281	8.43263	3.02E-02	1.30E-01	1.28E-01	3.54E-02	1.53E-01	1.49E-01	5.24E-02	2.27E-01	2.22E-01
102	386943.93, 3750923.71	2.00103	8.68638	8.51556	3.03E-02	1.31E-01	1.29E-01	3.55E-02	1.54E-01	1.51E-01	5.26E-02	2.28E-01	2.24E-01
103	386943.93, 3750948.71	2.01822	8.6833	8.50191	3.05E-02	1.31E-01	1.29E-01	3.58E-02	1.54E-01	1.51E-01	5.31E-02	2.28E-01	2.24E-01
104	386943.93, 3750973.71	2.03555	8.56352	8.36223	3.08E-02	1.29E-01	1.26E-01	3.61E-02	1.52E-01	1.48E-01	5.35E-02	2.25E-01	2.20E-01
105	386943.93, 3750998.71	2.0468	8.6793	8.50459	3.09E-02	1.31E-01	1.29E-01	3.63E-02	1.54E-01	1.51E-01	5.38E-02	2.28E-01	2.24E-01
106	386943.93, 3751023.71	2.06034	8.68808	8.52682	3.12E-02	1.31E-01	1.29E-01	3.65E-02	1.54E-01	1.51E-01	5.42E-02	2.28E-01	2.24E-01
107	386943.93, 3751048.71	2.07796	8.54844	8.40408	3.14E-02	1.29E-01	1.27E-01	3.68E-02	1.51E-01	1.49E-01	5.46E-02	2.25E-01	2.21E-01
108	386943.93, 3751073.71	2.08065	8.74209	8.5946	3.15E-02	1.32E-01	1.30E-01	3.69E-02	1.55E-01	1.52E-01	5.47E-02	2.30E-01	2.26E-01
109	386943.93, 3751098.71	2.09355	8.88426	8.76433	3.17E-02	1.34E-01	1.33E-01	3.71E-02	1.57E-01	1.55E-01	5.50E-02	2.34E-01	2.30E-01
110	386943.93, 3751123.71	2.10395	8.96535	8.85478	3.18E-02	1.36E-01	1.34E-01	3.73E-02	1.59E-01	1.57E-01	5.53E-02	2.36E-01	2.33E-01
111	386943.93, 3751148.71	2.11448	9.06825	8.96123	3.20E-02	1.37E-01	1.35E-01	3.75E-02	1.61E-01	1.59E-01	5.56E-02	2.38E-01	2.36E-01
112	386943.93, 3751173.71	2.1427	8.97606	8.90407	3.24E-02	1.36E-01	1.35E-01	3.80E-02	1.59E-01	1.58E-01	5.63E-02	2.36E-01	2.34E-01
113	386943.93, 3751198.71	2.14103	9.29399	9.17398	3.24E-02	1.41E-01	1.39E-01	3.79E-02	1.65E-01	1.63E-01	5.63E-02	2.44E-01	2.41E-01
114	386943.93, 3751223.71	2.16338	9.37532	9.24284	3.27E-02	1.42E-01	1.40E-01	3.83E-02	1.66E-01	1.64E-01	5.69E-02	2.46E-01	2.43E-01
115	386943.93, 3751248.71	2.1591	9.45238	9.31941	3.26E-02	1.43E-01	1.41E-01	3.83E-02	1.67E-01	1.65E-01	5.68E-02	2.49E-01	2.45E-01
116	386943.93, 3751273.71	2.17452	9.52579	9.37134	3.29E-02	1.44E-01	1.42E-01	3.85E-02	1.69E-01	1.66E-01	5.72E-02	2.50E-01	2.46E-01
117	386943.93, 3751298.71	2.20456	9.47375	9.27939	3.33E-02	1.43E-01	1.40E-01	3.91E-02	1.68E-01	1.64E-01	5.80E-02	2.49E-01	2.44E-01
118	386943.93, 3751323.71	2.20061	9.5718	9.3643	3.33E-02	1.45E-01	1.42E-01	3.90E-02	1.70E-01	1.66E-01	5.79E-02	2.52E-01	2.46E-01
119	386943.93, 3751348.71	2.21757	9.44648	9.22111	3.35E-02	1.43E-01	1.39E-01	3.93E-02	1.67E-01	1.63E-01	5.83E-02	2.48E-01	2.42E-01
120	386943.93, 3751373.71	2.24548	9.37138	9.19346	3.40E-02	1.42E-01	1.39E-01	3.98E-02	1.66E-01	1.63E-01	5.90E-02	2.46E-01	2.42E-01
121	386943.93, 3751398.71	2.25282	9.40976	9.29533	3.41E-02	1.42E-01	1.41E-01	3.99E-02	1.67E-01	1.65E-01	5.92E-02	2.47E-01	2.44E-01
122	386943.93, 3751423.71	2.25474	9.5032	9.40931	3.41E-02	1.44E-01	1.42E-01	4.00E-02	1.68E-01	1.67E-01	5.93E-02	2.50E-01	2.47E-01
123	386943.93, 3751448.71	2.24673	9.81736	9.68073	3.40E-02	1.48E-01	1.46E-01	3.98E-02	1.74E-01	1.72E-01	5.91E-02	2.58E-01	2.55E-01
124	386943.93, 3751473.71	2.26604	9.93271	9.78797	3.43E-02	1.50E-01	1.48E-01	4.02E-02	1.76E-01	1.73E-01	5.96E-02	2.61E-01	2.57E-01
125	386943.93, 3751498.71	2.29864	9.88194	9.74599	3.48E-02	1.49E-01	1.47E-01	4.07E-02	1.75E-01	1.73E-01	6.04E-02	2.60E-01	2.56E-01
126	386943.93, 3751523.71	2.32646	10.0084	9.8421	3.52E-02	1.51E-01	1.49E-01	4.12E-02	1.77E-01	1.74E-01	6.12E-02	2.63E-01	2.59E-01
127	386943.93, 3751548.71	2.29264	10.0432	9.84114	3.47E-02	1.52E-01	1.49E-01	4.06E-02	1.78E-01	1.74E-01	6.03E-02	2.64E-01	2.59E-01
128	386943.93, 3751573.71	2.28096	10.0687	9.825	3.45E-02	1.52E-01	1.49E-01	4.04E-02	1.78E-01	1.74E-01	6.00E-02	2.65E-01	2.58E-01
129	386943.93, 3751598.71	2.27948	9.97379	9.70899	3.45E-02	1.51E-01	1.47E-01	4.04E-02	1.77E-01	1.72E-01	5.99E-02	2.62E-01	2.55E-01
130	386943.93, 3751623.71	2.27623	10.0715	9.83194	3.44E-02	1.52E-01	1.49E-01	4.03E-02	1.78E-01	1.74E-01	5.98E-02	2.65E-01	2.58E-01
131	386943.93, 3751648.71	2.2429	10.0729	9.85064	3.39E-02	1.52E-01	1.49E-01	3.97E-02	1.78E-01	1.75E-01	5.90E-02	2.65E-01	2.59E-01
132	386943.93, 3751673.71	2.22656	10.075	9.8774	3.37E-02	1.52E-01	1.49E-01	3.95E-02	1.79E-01	1.75E-01	5.85E-02	2.65E-01	2.60E-01
133	386943.93, 3751698.71	2.21423	10.1028	9.93898	3.35E-02	1.53E-01	1.50E-01	3.92E-02	1.79E-01	1.76E-01	5.82E-02	2.66E-01	2.61E-01
134	386943.93, 3751723.71	2.21202	10.1517	9.99629	3.34E-02	1.53E-01	1.51E-01	3.92E-02	1.80E-01	1.77E-01	5.82E-02	2.67E-01	2.63E-01
135	386943.93, 3751748.71	2.17612	10.2395	10.0814	3.29E-02	1.55E-01	1.52E-01	3.86E-02	1.81E-01	1.79E-01	5.72E-02	2.69E-01	2.65E-01
136	386943.93, 3751773.71	2.15011	10.302	10.1308	3.25E-02	1.56E-01	1.53E-01	3.81E-02	1.83E-01	1.80E-01	5.65E-02	2.71E-01	2.66E-01
137	386943.93, 3751798.71	2.09744	10.354	10.1717	3.17E-02	1.57E-01	1.54E-01	3.72E-02	1.83E-01	1.80E-01	5.51E-02	2.72E-01	2.67E-01
138	386943.93, 3751823.71	2.04997	10.3675	10.1686	3.10E-02	1.57E-01	1.54E-01	3.63E-02	1.84E-01	1.80E-01	5.39E-02	2.73E-01	2.67E-01
139	386943.93, 3751848.71	1.9647	10.3615	10.1466	2.97E-02	1.57E-01	1.53E-01	3.48E-02	1.84E-01	1.80E-01	5.17E-02	2.72E-01	2.67E-01
140	386943.93, 3751873.71	1.89314	10.3073	10.0867	2.86E-02	1.56E-01	1.53E-01	3.35E-02	1.83E-01	1.79E-01	4.98E-02	2.71E-01	2.65E-01
141	386968.93, 3750448.71	1.89337	7.71756	7.59121	2.86E-02	1.17E-01	1.15E-01	3.35E-02	1.37E-01	1.35E-01	4.98E-02	2.03E-01	2.00E-01
142	386968.93, 3750473.71	1.90853	7.75883	7.66742	2.89E-02	1.17E-01	1.16E-01	3.38E-02	1.37E-01	1.36E-01	5.02E-02	2.04E-01	2.02E-01
143	386968.93, 3750498.71	1.91629	8.04612	7.94847	2.90E-02	1.22E-01	1.20E-01	3.40E-02	1.43E-01	1.41E-01	5.04E-02	2.12E-01	2.09E-01
144	386968.93, 3750523.71	1.93137	8.11222	8.01521	2.92E-02	1.23E-01	1.21E-01	3.42E-02	1.44E-01	1.42E-01	5.08E-02	2.13E-01	2.11E-01
145	386968.93, 3750548.71	1.95543	8.02462	7.96434	2.96E-02	1.21E-01	1.20E-01	3.46E-02	1.42E-01	1.41E-01	5.14E-02	2.11E-01	2.09E-01
146	386968.93, 3750573.71	1.96161	8.25841	8.15663	2.97E-02	1.25E-01	1.23E-01	3.48E-02	1.46E-01	1.45E-01	5.16E-02	2.17E-01	2.14E-01
147	386968.93, 3750598.71	1.97106	8.46398	8.34452	2.98E-02	1.28E-01	1.26E-01	3.49E-02	1.50E-01	1.48E-01	5.18E-02	2.23E-01	2.19E-01
148	386968.93, 3750623.71	1.9971	8.39366	8.28671	3.02E-02	1.27E-01	1.25E-01	3.54E-02	1.49E-01	1.47E-01	5.25E-02	2.21E-01	2.18E-01
149	386968.93, 3750648.71	2.00928	8.485	8.35502	3.04E-02	1.28E-01	1.26E-01	3.56E-02	1.50E-01	1.48E-01	5.28E-02	2.23E-01	2.20E-01

150	386968.93, 3750673.71	2.02353	8.54145	8.39653	3.06E-02	1.29E-01	1.27E-01	3.59E-02	1.51E-01	1.49E-01	5.32E-02	2.25E-01	2.21E-01
151	386968.93, 3750698.71	2.0332	8.72423	8.57855	3.07E-02	1.32E-01	1.30E-01	3.60E-02	1.55E-01	1.52E-01	5.35E-02	2.29E-01	2.26E-01
152	386968.93, 3750723.71	2.04435	8.75539	8.614	3.09E-02	1.32E-01	1.30E-01	3.62E-02	1.55E-01	1.53E-01	5.37E-02	2.30E-01	2.26E-01
153	386968.93, 3750748.71	2.0589	8.8166	8.67485	3.11E-02	1.33E-01	1.31E-01	3.65E-02	1.56E-01	1.54E-01	5.41E-02	2.32E-01	2.28E-01
154	386968.93, 3750773.71	2.09059	8.71442	8.57013	3.16E-02	1.32E-01	1.30E-01	3.70E-02	1.54E-01	1.52E-01	5.50E-02	2.29E-01	2.25E-01
155	386968.93, 3750798.71	2.0863	8.94706	8.79824	3.15E-02	1.35E-01	1.33E-01	3.70E-02	1.59E-01	1.56E-01	5.48E-02	2.35E-01	2.31E-01
156	386968.93, 3750823.71	2.10437	8.99529	8.84674	3.18E-02	1.36E-01	1.34E-01	3.73E-02	1.59E-01	1.57E-01	5.53E-02	2.36E-01	2.33E-01
157	386968.93, 3750848.71	2.12148	9.04778	8.90135	3.21E-02	1.37E-01	1.35E-01	3.76E-02	1.60E-01	1.58E-01	5.58E-02	2.38E-01	2.34E-01
158	386968.93, 3750873.71	2.14065	9.10368	8.95534	3.24E-02	1.38E-01	1.35E-01	3.79E-02	1.61E-01	1.59E-01	5.63E-02	2.39E-01	2.35E-01
159	386968.93, 3750898.71	2.16294	8.99059	8.81875	3.27E-02	1.36E-01	1.33E-01	3.83E-02	1.59E-01	1.56E-01	5.69E-02	2.36E-01	2.32E-01
160	386968.93, 3750923.71	2.16583	9.21388	9.03299	3.27E-02	1.39E-01	1.37E-01	3.84E-02	1.63E-01	1.60E-01	5.69E-02	2.42E-01	2.37E-01
161	386968.93, 3750948.71	2.18454	9.21046	9.02371	3.30E-02	1.39E-01	1.36E-01	3.87E-02	1.63E-01	1.60E-01	5.74E-02	2.42E-01	2.37E-01
162	386968.93, 3750973.71	2.20412	9.19957	9.01279	3.33E-02	1.39E-01	1.36E-01	3.91E-02	1.63E-01	1.60E-01	5.79E-02	2.42E-01	2.37E-01
163	386968.93, 3750998.71	2.234	8.96389	8.81636	3.38E-02	1.36E-01	1.33E-01	3.96E-02	1.59E-01	1.56E-01	5.87E-02	2.36E-01	2.32E-01
164	386968.93, 3751023.71	2.25796	9.02556	8.89805	3.41E-02	1.36E-01	1.35E-01	4.00E-02	1.60E-01	1.58E-01	5.94E-02	2.37E-01	2.34E-01
165	386968.93, 3751048.71	2.25979	9.0895	8.9589	3.42E-02	1.37E-01	1.35E-01	4.00E-02	1.61E-01	1.59E-01	5.94E-02	2.39E-01	2.36E-01
166	386968.93, 3751073.71	2.27365	9.28481	9.13303	3.44E-02	1.40E-01	1.38E-01	4.03E-02	1.65E-01	1.62E-01	5.98E-02	2.44E-01	2.40E-01
167	386968.93, 3751098.71	2.27834	9.47914	9.34815	3.44E-02	1.43E-01	1.41E-01	4.04E-02	1.68E-01	1.66E-01	5.99E-02	2.49E-01	2.46E-01
168	386968.93, 3751123.71	2.29293	9.58072	9.46065	3.47E-02	1.45E-01	1.43E-01	4.06E-02	1.70E-01	1.68E-01	6.03E-02	2.52E-01	2.49E-01
169	386968.93, 3751148.71	2.31229	9.69262	9.57826	3.50E-02	1.47E-01	1.45E-01	4.10E-02	1.72E-01	1.70E-01	6.08E-02	2.55E-01	2.52E-01
170	386968.93, 3751173.71	2.34375	9.62204	9.54094	3.54E-02	1.45E-01	1.44E-01	4.15E-02	1.70E-01	1.69E-01	6.16E-02	2.53E-01	2.51E-01
171	386968.93, 3751198.71	2.34681	9.96122	9.83255	3.55E-02	1.51E-01	1.49E-01	4.16E-02	1.77E-01	1.74E-01	6.17E-02	2.62E-01	2.58E-01
172	386968.93, 3751223.71	2.3811	9.93126	9.80728	3.60E-02	1.50E-01	1.48E-01	4.22E-02	1.76E-01	1.74E-01	6.26E-02	2.61E-01	2.58E-01
173	386968.93, 3751248.71	2.36741	10.1345	9.96372	3.58E-02	1.53E-01	1.51E-01	4.19E-02	1.80E-01	1.77E-01	6.22E-02	2.66E-01	2.62E-01
174	386968.93, 3751273.71	2.38505	10.1921	10.0019	3.61E-02	1.54E-01	1.51E-01	4.23E-02	1.81E-01	1.77E-01	6.27E-02	2.68E-01	2.63E-01
175	386968.93, 3751298.71	2.42713	10.1536	9.94333	3.67E-02	1.54E-01	1.50E-01	4.30E-02	1.80E-01	1.76E-01	6.38E-02	2.67E-01	2.61E-01
176	386968.93, 3751323.71	2.42224	10.245	10.0301	3.66E-02	1.55E-01	1.52E-01	4.29E-02	1.82E-01	1.78E-01	6.37E-02	2.69E-01	2.64E-01
177	386968.93, 3751348.71	2.44767	10.0761	9.84664	3.70E-02	1.52E-01	1.49E-01	4.34E-02	1.79E-01	1.74E-01	6.43E-02	2.65E-01	2.59E-01
178	386968.93, 3751373.71	2.47415	10.0441	9.87788	3.74E-02	1.52E-01	1.49E-01	4.38E-02	1.78E-01	1.75E-01	6.50E-02	2.64E-01	2.60E-01
179	386968.93, 3751398.71	2.48582	10.1256	10.0097	3.76E-02	1.53E-01	1.51E-01	4.40E-02	1.79E-01	1.77E-01	6.54E-02	2.66E-01	2.63E-01
180	386968.93, 3751423.71	2.49566	10.2657	10.176	3.77E-02	1.55E-01	1.54E-01	4.42E-02	1.82E-01	1.80E-01	6.56E-02	2.70E-01	2.68E-01
181	386968.93, 3751448.71	2.48284	10.6189	10.4712	3.75E-02	1.61E-01	1.58E-01	4.40E-02	1.88E-01	1.86E-01	6.53E-02	2.79E-01	2.75E-01
182	386968.93, 3751473.71	2.5091	10.7279	10.5618	3.79E-02	1.62E-01	1.60E-01	4.45E-02	1.90E-01	1.87E-01	6.60E-02	2.82E-01	2.78E-01
183	386968.93, 3751498.71	2.55913	10.7358	10.5853	3.87E-02	1.62E-01	1.60E-01	4.53E-02	1.90E-01	1.88E-01	6.73E-02	2.82E-01	2.78E-01
184	386968.93, 3751523.71	2.58867	10.9143	10.7089	3.91E-02	1.65E-01	1.62E-01	4.59E-02	1.93E-01	1.90E-01	6.81E-02	2.87E-01	2.82E-01
185	386968.93, 3751548.71	2.56274	10.8851	10.6745	3.87E-02	1.65E-01	1.61E-01	4.54E-02	1.93E-01	1.89E-01	6.74E-02	2.86E-01	2.81E-01
186	386968.93, 3751573.71	2.55247	10.9475	10.717	3.86E-02	1.66E-01	1.62E-01	4.52E-02	1.94E-01	1.90E-01	6.71E-02	2.88E-01	2.82E-01
187	386968.93, 3751598.71	2.56126	10.7272	10.4595	3.87E-02	1.62E-01	1.58E-01	4.54E-02	1.90E-01	1.85E-01	6.73E-02	2.82E-01	2.75E-01
188	386968.93, 3751623.71	2.5658	10.602	10.3535	3.88E-02	1.60E-01	1.57E-01	4.55E-02	1.88E-01	1.83E-01	6.75E-02	2.79E-01	2.72E-01
189	386968.93, 3751648.71	2.53796	10.8827	10.651	3.84E-02	1.65E-01	1.61E-01	4.50E-02	1.93E-01	1.89E-01	6.67E-02	2.86E-01	2.80E-01
190	386968.93, 3751673.71	2.53873	10.9038	10.7014	3.84E-02	1.65E-01	1.62E-01	4.50E-02	1.93E-01	1.90E-01	6.67E-02	2.87E-01	2.81E-01
191	386968.93, 3751698.71	2.52851	10.9767	10.8084	3.82E-02	1.66E-01	1.63E-01	4.48E-02	1.95E-01	1.92E-01	6.65E-02	2.89E-01	2.84E-01
192	386968.93, 3751723.71	2.51738	11.0787	10.9158	3.81E-02	1.68E-01	1.65E-01	4.46E-02	1.96E-01	1.93E-01	6.62E-02	2.91E-01	2.87E-01
193	386968.93, 3751748.71	2.48941	11.1799	11.0069	3.76E-02	1.69E-01	1.66E-01	4.41E-02	1.98E-01	1.95E-01	6.54E-02	2.94E-01	2.89E-01
194	386968.93, 3751773.71	2.45194	11.261	11.0787	3.71E-02	1.70E-01	1.68E-01	4.34E-02	2.00E-01	1.96E-01	6.45E-02	2.96E-01	2.91E-01
195	386968.93, 3751798.71	2.40466	11.3016	11.1011	3.64E-02	1.71E-01	1.68E-01	4.26E-02	2.00E-01	1.97E-01	6.32E-02	2.97E-01	2.92E-01
196	386968.93, 3751823.71	2.36718	11.3207	11.1061	3.58E-02	1.71E-01	1.68E-01	4.19E-02	2.01E-01	1.97E-01	6.22E-02	2.98E-01	2.92E-01
197	386968.93, 3751848.71	2.27151	11.2877	11.0378	3.43E-02	1.71E-01	1.67E-01	4.03E-02	2.00E-01	1.96E-01	5.97E-02	2.97E-01	2.90E-01
198	386968.93, 3751873.71	2.16718	11.2164	10.9712	3.28E-02	1.70E-01	1.66E-01	3.84E-02	1.99E-01	1.94E-01	5.70E-02	2.95E-01	2.88E-01
199	386993.93, 3750198.71	1.87061	8.03784	7.91015	2.83E-02	1.22E-01	1.20E-01	3.31E-02	1.42E-01	1.40E-01	4.92E-02	2.11E-01	2.08E-01
200	386993.93, 3750223.71	1.88527	8.07949	7.93726	2.85E-02	1.22E-01	1.20E-01	3.34E-02	1.43E-01	1.41E-01	4.96E-02	2.12E-01	2.09E-01
201	386993.93, 3750248.71	1.91123	8.11521	7.96538	2.89E-02	1.23E-01	1.20E-01	3.39E-02	1.44E-01	1.41E-01	5.02E-02	2.13E-01	2.09E-01
202	386993.93, 3750273.71	1.91691	8.11933	7.95011	2.90E-02	1.23E-01	1.20E-01	3.40E-02	1.44E-01	1.41E-01	5.04E-02	2.13E-01	2.09E-01
203	386993.93, 3750298.71	1.93247	8.12545	7.94903	2.92E-02	1.23E-01	1.20E-01	3.42E-02	1.44E-01	1.41E-01	5.08E-02	2.14E-01	2.09E-01
204	386993.93, 3750323.71	1.95764	8.15806	7.96759	2.96E-02	1.23E-01	1.20E-01	3.47E-02	1.45E-01	1.41E-01	5.15E-02	2.14E-01	2.09E-01
205	386993.93, 3750348.71	1.9722	8.14908	7.94689	2.98E-02	1.23E-01	1.20E-01	3.49E-02	1.44E-01	1.41E-01	5.18E-02	2.14E-01	2.09E-01
206	386993.93, 3750373.71	1.99103	8.06446	7.80215	3.01E-02	1.22E-01	1.18E-01	3.53E-02	1.43E-01	1.38E-01	5.23E-02	2.12E-01	2.05E-01
207	386993.93, 3750398.71	2.00338	8.11739	7.94586	3.03E-02	1.23E-01	1.20E-01	3.55E-02	1.44E-01	1.41E-01	5.27E-02	2.13E-01	2.09E-01
208	386993.93, 3750423.71	2.01513	8.10073	7.94564	3.05E-02	1.22E-01	1.20E-01	3.57E-02	1.44E-01	1.41E-01	5.30E-02	2.13E-01	2.09E-01
209	386993.93, 3750448.71	2.02226	8.38473	8.3331	3.06E-02	1.27E-01	1.26E-01	3.58E-02	1.49E-01	1.48E-01	5.32E-02	2.20E-01	2.19E-01
210	386993.93, 3750473.71	2.05073	8.18817	8.11024	3.10E-02	1.24E-01	1.23E-01	3.63E-02	1.45E-01	1.44E-01	5.39E-02	2.15E-01	2.13E-01
211	386993.93, 3750498.71	2.05069	8.5779	8.49555	3.10E-02	1.30E-01	1.28E-01	3.63E-02	1.52E-01	1.51E-01	5.39E-02	2.26E-01	2.23E-01
212	386993.93, 3750523.71	2.07894	8.59619	8.48911	3.14E-02	1.30E-01	1.28E-01	3.68E-02	1.52E-01	1.50E-01	5.47E-02	2.26E-01	2.23E-01
213	386993.93, 3750548.71	2.10474	8.50347	8.44448	3.18E-02	1.29E-01	1.28E-01	3.73E-02	1.51E-01	1.50E-01	5.53E-02	2.24E-01	2.22E-01
214	386993.93, 3750573.71	2.11529	8.75816	8.64517	3.20E-02	1.32E-01	1.31E-01	3.75E-02	1.55E-01	1.53E-01	5.56E-02	2.30E-01	2.27E-01
215	386993.93, 3750598.71	2.13875	8.74336	8.66136	3.23E-02	1.32E-01	1.31E-01	3.79E-02	1.55E-01	1.53E-01	5.62E-02	2.30E-01	2.28E-01
216	386993.93, 3750623.71	2.14205	9.06311	8.92091	3.24E-02	1.37E-01	1.35E-01	3.80E-02	1.61E-01	1.58E-01	5.63E-02	2.38E-01	2.35E-01
217	386993.93, 3750648.71	2.16309	9.15689	9.00613	3.27E-02	1.38E-01	1.36E-01	3.83E-02	1.62E-01	1.60E-01	5.69E-02	2.41E-01	2.37E-01
218	386993.93, 3750673.71	2.18625	9.06893	8.91891	3.31E-02	1.37E-01	1.35E-01	3.87E-02	1.61E-01	1.58E-01	5.75E-02	2.38E-01	2.34E-01
219	386993.93, 3750698.71	2.18851	9.23434	9.08019	3.31E-02	1.40E-01	1.37E-01	3.88E-02	1.64E-01	1.61E-01	5.75E-02	2.43E-01	2.39E-01
220	386993.93, 3750723.71	2.20954	9.29529	9.14482	3.34E-02	1.41E-01	1.38E-01	3.92E-02	1.65E-01	1.62E-01	5.81E-02	2.44E-01	2.40E-01
221	386993.93, 3750748.71	2.22803	9.36423	9.21122	3.37E-02	1.42E-01	1.39E-01	3.95E-02	1.66E-01	1.63E-01	5.86E-02	2.46E-01	2.42E-01
222	386993.93, 3750773.71	2.26871	9.28642	9.13632	3.43E-02	1.40E-01	1.38E-01	4.02E-02	1.65E-01	1.62E-01	5.96E-02	2.44E-01	2.40E-01
223	386993.93, 3750798.71	2.26592	9.50469	9.33994	3.43E-02	1.44E-01	1.41E-01	4.02E-02	1.68E-01	1.66E-01	5.96E-02	2.50E-01	2.46E-01
224	386993.93, 3750823.71	2.27994	9.58063	9.4193	3.45E-02	1.45E-01	1.42E-01	4.04E-02	1.70E-01	1.67E-01	5.99E-02	2.52E-01	2.48E-01
225	386993.93, 3750848.71	2.30002	9.64743	9.48961	3.48E-02	1.46E-01	1.43E-01	4.08E-02	1.71E-01	1.68E-01	6.05E-02	2.54E-01	2.49E-01
226	386993.93, 3750873.71	2.32107	9.71682	9.56311	3.51E-02	1.47E-01	1.45E-01	4.11E-02	1.72E-01	1.69E-01	6.10E-02	2.55E-01	2.51E-01

227	386993.93, 3750898.71	2.35341	9.57492	9.4194	3.56E-02	1.45E-01	1.42E-01	4.17E-02	1.70E-01	1.67E-01	6.19E-02	2.52E-01	2.48E-01
228	386993.93, 3750923.71	2.3501	9.80611	9.62351	3.55E-02	1.48E-01	1.46E-01	4.16E-02	1.74E-01	1.71E-01	6.18E-02	2.58E-01	2.53E-01
229	386993.93, 3750948.71	2.37109	9.80264	9.59482	3.59E-02	1.48E-01	1.45E-01	4.20E-02	1.74E-01	1.70E-01	6.23E-02	2.58E-01	2.52E-01
230	386993.93, 3750973.71	2.393	9.78267	9.57025	3.62E-02	1.48E-01	1.45E-01	4.24E-02	1.73E-01	1.70E-01	6.29E-02	2.57E-01	2.52E-01
231	386993.93, 3750998.71	2.44661	9.57633	9.43102	3.70E-02	1.45E-01	1.43E-01	4.34E-02	1.70E-01	1.67E-01	6.43E-02	2.52E-01	2.48E-01
232	386993.93, 3751023.71	2.47748	9.48979	9.36283	3.75E-02	1.43E-01	1.42E-01	4.39E-02	1.68E-01	1.66E-01	6.51E-02	2.49E-01	2.46E-01
233	386993.93, 3751048.71	2.48692	9.76329	9.64783	3.76E-02	1.48E-01	1.46E-01	4.41E-02	1.73E-01	1.71E-01	6.54E-02	2.57E-01	2.54E-01
234	386993.93, 3751073.71	2.50876	9.85631	9.73694	3.79E-02	1.49E-01	1.47E-01	4.45E-02	1.75E-01	1.73E-01	6.60E-02	2.59E-01	2.56E-01
235	386993.93, 3751098.71	2.50504	9.98977	9.83883	3.79E-02	1.51E-01	1.49E-01	4.44E-02	1.77E-01	1.74E-01	6.59E-02	2.63E-01	2.59E-01
236	386993.93, 3751123.71	2.52375	10.2969	10.1685	3.82E-02	1.56E-01	1.54E-01	4.47E-02	1.82E-01	1.80E-01	6.63E-02	2.71E-01	2.67E-01
237	386993.93, 3751148.71	2.54324	10.4424	10.3203	3.85E-02	1.58E-01	1.56E-01	4.51E-02	1.85E-01	1.83E-01	6.69E-02	2.75E-01	2.71E-01
238	386993.93, 3751173.71	2.59971	10.382	10.2648	3.93E-02	1.57E-01	1.55E-01	4.61E-02	1.84E-01	1.82E-01	6.83E-02	2.73E-01	2.70E-01
239	386993.93, 3751198.71	2.59453	10.7508	10.602	3.92E-02	1.63E-01	1.60E-01	4.60E-02	1.91E-01	1.88E-01	6.82E-02	2.83E-01	2.79E-01
240	386993.93, 3751223.71	2.64103	10.567	10.416	3.99E-02	1.60E-01	1.57E-01	4.68E-02	1.87E-01	1.85E-01	6.94E-02	2.78E-01	2.74E-01
241	386993.93, 3751248.71	2.65396	10.8734	10.7069	4.01E-02	1.64E-01	1.62E-01	4.70E-02	1.93E-01	1.90E-01	6.98E-02	2.86E-01	2.81E-01
242	386993.93, 3751273.71	2.6735	10.9454	10.7458	4.04E-02	1.65E-01	1.62E-01	4.74E-02	1.94E-01	1.90E-01	7.03E-02	2.88E-01	2.83E-01
243	386993.93, 3751298.71	2.69926	10.9499	10.7155	4.08E-02	1.66E-01	1.62E-01	4.78E-02	1.94E-01	1.90E-01	7.10E-02	2.88E-01	2.82E-01
244	386993.93, 3751323.71	2.69831	10.929	10.6448	4.08E-02	1.65E-01	1.61E-01	4.78E-02	1.94E-01	1.89E-01	7.09E-02	2.87E-01	2.80E-01
245	386993.93, 3751348.71	2.72792	10.8316	10.5696	4.12E-02	1.64E-01	1.60E-01	4.83E-02	1.92E-01	1.87E-01	7.17E-02	2.85E-01	2.78E-01
246	386993.93, 3751373.71	2.75702	10.8489	10.7108	4.17E-02	1.64E-01	1.62E-01	4.89E-02	1.92E-01	1.90E-01	7.25E-02	2.85E-01	2.82E-01
247	386993.93, 3751398.71	2.7731	10.9955	10.9066	4.19E-02	1.66E-01	1.65E-01	4.91E-02	1.95E-01	1.93E-01	7.29E-02	2.89E-01	2.87E-01
248	386993.93, 3751423.71	2.78622	11.4389	11.291	4.21E-02	1.73E-01	1.71E-01	4.94E-02	2.03E-01	2.00E-01	7.32E-02	3.01E-01	2.97E-01
249	386993.93, 3751448.71	2.78416	11.5722	11.384	4.21E-02	1.75E-01	1.72E-01	4.93E-02	2.05E-01	2.02E-01	7.32E-02	3.04E-01	2.99E-01
250	386993.93, 3751473.71	2.81333	11.6975	11.4761	4.25E-02	1.77E-01	1.74E-01	4.99E-02	2.07E-01	2.03E-01	7.40E-02	3.08E-01	3.02E-01
251	386993.93, 3751498.71	2.83725	11.8105	11.5597	4.29E-02	1.79E-01	1.75E-01	5.03E-02	2.09E-01	2.05E-01	7.46E-02	3.10E-01	3.04E-01
252	386993.93, 3751523.71	2.90071	11.8731	11.6593	4.39E-02	1.80E-01	1.76E-01	5.14E-02	2.10E-01	2.07E-01	7.63E-02	3.12E-01	3.07E-01
253	386993.93, 3751548.71	2.91864	11.8984	11.6498	4.41E-02	1.80E-01	1.76E-01	5.17E-02	2.11E-01	2.06E-01	7.67E-02	3.13E-01	3.06E-01
254	386993.93, 3751573.71	2.92837	11.8096	11.5124	4.43E-02	1.79E-01	1.74E-01	5.19E-02	2.09E-01	2.04E-01	7.70E-02	3.10E-01	3.03E-01
255	386993.93, 3751598.71	2.93596	11.6344	11.339	4.44E-02	1.76E-01	1.71E-01	5.20E-02	2.06E-01	2.01E-01	7.72E-02	3.06E-01	2.98E-01
256	386993.93, 3751623.71	2.94095	11.5394	11.2779	4.45E-02	1.74E-01	1.71E-01	5.21E-02	2.04E-01	2.00E-01	7.73E-02	3.03E-01	2.96E-01
257	386993.93, 3751648.71	2.94238	11.5758	11.4183	4.45E-02	1.75E-01	1.73E-01	5.21E-02	2.05E-01	2.02E-01	7.74E-02	3.04E-01	3.00E-01
258	386993.93, 3751673.71	2.94473	11.7274	11.62	4.45E-02	1.77E-01	1.76E-01	5.22E-02	2.08E-01	2.06E-01	7.74E-02	3.08E-01	3.05E-01
259	386993.93, 3751698.71	2.93717	11.95	11.8187	4.44E-02	1.81E-01	1.79E-01	5.20E-02	2.12E-01	2.09E-01	7.72E-02	3.14E-01	3.11E-01
260	386993.93, 3751723.71	2.92124	12.2523	12.0645	4.42E-02	1.85E-01	1.82E-01	5.18E-02	2.17E-01	2.14E-01	7.68E-02	3.22E-01	3.17E-01
261	386993.93, 3751748.71	2.92257	12.3329	12.1554	4.42E-02	1.86E-01	1.84E-01	5.18E-02	2.19E-01	2.15E-01	7.68E-02	3.24E-01	3.20E-01
262	386993.93, 3751773.71	2.87637	12.4465	12.2361	4.35E-02	1.88E-01	1.85E-01	5.10E-02	2.21E-01	2.17E-01	7.56E-02	3.27E-01	3.22E-01
263	386993.93, 3751798.71	2.8414	12.5039	12.2741	4.30E-02	1.89E-01	1.86E-01	5.03E-02	2.22E-01	2.17E-01	7.47E-02	3.29E-01	3.23E-01
264	386993.93, 3751823.71	2.76576	12.5128	12.2706	4.18E-02	1.89E-01	1.86E-01	4.90E-02	2.22E-01	2.17E-01	7.27E-02	3.29E-01	3.23E-01
265	386993.93, 3751848.71	2.65932	12.4472	12.1766	4.02E-02	1.88E-01	1.84E-01	4.71E-02	2.21E-01	2.16E-01	6.99E-02	3.27E-01	3.20E-01
266	386993.93, 3751873.71	2.528	12.3248	12.051	3.82E-02	1.86E-01	1.82E-01	4.48E-02	2.18E-01	2.14E-01	6.65E-02	3.24E-01	3.17E-01
267	387018.93, 3749948.71	1.84735	7.77184	7.67688	2.79E-02	1.18E-01	1.16E-01	3.27E-02	1.38E-01	1.36E-01	4.86E-02	2.04E-01	2.02E-01
268	387018.93, 3749973.71	1.86295	7.84167	7.74575	2.82E-02	1.19E-01	1.17E-01	3.30E-02	1.39E-01	1.37E-01	4.90E-02	2.06E-01	2.04E-01
269	387018.93, 3749998.71	1.8732	8.03501	7.93792	2.83E-02	1.21E-01	1.20E-01	3.32E-02	1.42E-01	1.41E-01	4.92E-02	2.11E-01	2.09E-01
270	387018.93, 3750023.71	1.88796	8.10603	8.00574	2.85E-02	1.23E-01	1.21E-01	3.35E-02	1.44E-01	1.42E-01	4.96E-02	2.13E-01	2.10E-01
271	387018.93, 3750048.71	1.90411	8.17294	8.06266	2.88E-02	1.24E-01	1.22E-01	3.37E-02	1.45E-01	1.43E-01	5.01E-02	2.15E-01	2.12E-01
272	387018.93, 3750073.71	1.91583	8.21664	8.10091	2.90E-02	1.24E-01	1.22E-01	3.39E-02	1.46E-01	1.44E-01	5.04E-02	2.16E-01	2.13E-01
273	387018.93, 3750098.71	1.93295	8.26378	8.13964	2.92E-02	1.25E-01	1.23E-01	3.43E-02	1.46E-01	1.44E-01	5.08E-02	2.17E-01	2.14E-01
274	387018.93, 3750123.71	1.94859	8.444	8.2844	2.95E-02	1.28E-01	1.25E-01	3.45E-02	1.50E-01	1.47E-01	5.12E-02	2.22E-01	2.18E-01
275	387018.93, 3750148.71	1.97891	8.33045	8.22203	2.99E-02	1.26E-01	1.24E-01	3.51E-02	1.48E-01	1.46E-01	5.20E-02	2.19E-01	2.16E-01
276	387018.93, 3750173.71	1.98196	8.4902	8.33293	3.00E-02	1.28E-01	1.26E-01	3.51E-02	1.50E-01	1.48E-01	5.21E-02	2.23E-01	2.19E-01
277	387018.93, 3750198.71	2.00617	8.4809	8.34694	3.03E-02	1.28E-01	1.26E-01	3.55E-02	1.50E-01	1.48E-01	5.27E-02	2.23E-01	2.19E-01
278	387018.93, 3750223.71	2.02341	8.52592	8.37918	3.06E-02	1.29E-01	1.27E-01	3.59E-02	1.51E-01	1.48E-01	5.32E-02	2.24E-01	2.20E-01
279	387018.93, 3750248.71	2.05236	8.57465	8.4061	3.10E-02	1.30E-01	1.27E-01	3.64E-02	1.52E-01	1.49E-01	5.40E-02	2.25E-01	2.21E-01
280	387018.93, 3750273.71	2.05889	8.56794	8.38822	3.11E-02	1.30E-01	1.27E-01	3.65E-02	1.52E-01	1.49E-01	5.41E-02	2.25E-01	2.21E-01
281	387018.93, 3750298.71	2.07974	8.57325	8.38835	3.14E-02	1.30E-01	1.27E-01	3.69E-02	1.52E-01	1.49E-01	5.47E-02	2.25E-01	2.21E-01
282	387018.93, 3750323.71	2.1053	8.60357	8.40597	3.18E-02	1.30E-01	1.27E-01	3.73E-02	1.52E-01	1.49E-01	5.53E-02	2.26E-01	2.21E-01
283	387018.93, 3750348.71	2.12386	8.59389	8.38907	3.21E-02	1.30E-01	1.27E-01	3.76E-02	1.52E-01	1.49E-01	5.58E-02	2.26E-01	2.21E-01
284	387018.93, 3750373.71	2.14178	8.5777	8.37274	3.24E-02	1.30E-01	1.27E-01	3.80E-02	1.52E-01	1.48E-01	5.63E-02	2.26E-01	2.20E-01
285	387018.93, 3750398.71	2.15494	8.54161	8.37571	3.26E-02	1.29E-01	1.27E-01	3.82E-02	1.51E-01	1.48E-01	5.67E-02	2.25E-01	2.20E-01
286	387018.93, 3750423.71	2.17293	8.55442	8.41395	3.29E-02	1.29E-01	1.27E-01	3.85E-02	1.52E-01	1.49E-01	5.71E-02	2.25E-01	2.21E-01
287	387018.93, 3750448.71	2.18564	8.89328	8.78151	3.30E-02	1.34E-01	1.33E-01	3.87E-02	1.58E-01	1.56E-01	5.75E-02	2.34E-01	2.31E-01
288	387018.93, 3750473.71	2.21615	8.68403	8.61599	3.35E-02	1.31E-01	1.30E-01	3.93E-02	1.54E-01	1.53E-01	5.83E-02	2.28E-01	2.27E-01
289	387018.93, 3750498.71	2.23038	8.7961	8.73573	3.37E-02	1.33E-01	1.32E-01	3.95E-02	1.56E-01	1.55E-01	5.86E-02	2.31E-01	2.30E-01
290	387018.93, 3750523.71	2.2497	9.04016	8.96092	3.40E-02	1.37E-01	1.35E-01	3.99E-02	1.60E-01	1.59E-01	5.91E-02	2.38E-01	2.36E-01
291	387018.93, 3750548.71	2.27672	9.05712	8.99848	3.44E-02	1.37E-01	1.36E-01	4.03E-02	1.60E-01	1.59E-01	5.99E-02	2.38E-01	2.37E-01
292	387018.93, 3750573.71	2.29703	9.1946	9.12498	3.47E-02	1.39E-01	1.38E-01	4.07E-02	1.63E-01	1.62E-01	6.04E-02	2.42E-01	2.40E-01
293	387018.93, 3750598.71	2.31787	9.34878	9.25636	3.50E-02	1.41E-01	1.40E-01	4.11E-02	1.66E-01	1.64E-01	6.09E-02	2.46E-01	2.43E-01
294	387018.93, 3750623.71	2.32934	9.52795	9.38839	3.52E-02	1.44E-01	1.42E-01	4.13E-02	1.69E-01	1.66E-01	6.12E-02	2.50E-01	2.47E-01
295	387018.93, 3750648.71	2.34647	9.75354	9.58666	3.55E-02	1.47E-01	1.45E-01	4.16E-02	1.73E-01	1.70E-01	6.17E-02	2.56E-01	2.52E-01
296	387018.93, 3750673.71	2.37484	9.67289	9.49957	3.59E-02	1.46E-01	1.44E-01	4.21E-02	1.71E-01	1.68E-01	6.24E-02	2.54E-01	2.50E-01
297	387018.93, 3750698.71	2.38167	9.84008	9.67657	3.60E-02	1.49E-01	1.46E-01	4.22E-02	1.74E-01	1.71E-01	6.26E-02	2.59E-01	2.54E-01
298	387018.93, 3750723.71	2.40533	9.91405	9.75022	3.64E-02	1.50E-01	1.47E-01	4.26E-02	1.76E-01	1.73E-01	6.32E-02	2.61E-01	2.56E-01
299	387018.93, 3750748.71	2.42522	10.0061	9.84612	3.67E-02	1.51E-01	1.49E-01	4.30E-02	1.77E-01	1.74E-01	6.38E-02	2.63E-01	2.59E-01
300	387018.93, 3750773.71	2.47084	9.90214	9.73925	3.74E-02	1.50E-01	1.47E-01	4.38E-02	1.75E-01	1.73E-01	6.50E-02	2.60E-01	2.56E-01
301	387018.93, 3750798.71	2.49032	9.94422	9.78424	3.77E-02	1.50E-01	1.48E-01	4.41E-02	1.76E-01	1.73E-01	6.55E-02	2.61E-01	2.57E-01
302	387018.93, 3750823.71	2.51559	9.99682	9.83856	3.80E-02	1.51E-01	1.49E-01	4.46E-02	1.77E-01	1.74E-01	6.61E-02	2.63E-01	2.59E-01
303	387018.93, 3750848.71	2.54053	10.0649	9.9209	3.84E-02	1.52E-01	1.50E-01	4.50E-02	1.78E-01	1.76E-01	6.68E-02	2.65E-01	2.61E-01

304	387018.93, 3750873.71	2.56196	10.1603	10.0103	3.87E-02	1.54E-01	1.51E-01	4.54E-02	1.80E-01	1.77E-01	6.74E-02	2.67E-01	2.63E-01
305	387018.93, 3750898.71	2.5914	10.2632	10.0999	3.92E-02	1.55E-01	1.53E-01	4.59E-02	1.82E-01	1.79E-01	6.81E-02	2.70E-01	2.66E-01
306	387018.93, 3750923.71	2.60915	10.2489	10.0584	3.95E-02	1.55E-01	1.52E-01	4.62E-02	1.82E-01	1.78E-01	6.86E-02	2.69E-01	2.64E-01
307	387018.93, 3750948.71	2.63928	10.2224	10.0186	3.99E-02	1.55E-01	1.51E-01	4.68E-02	1.81E-01	1.78E-01	6.94E-02	2.69E-01	2.63E-01
308	387018.93, 3750973.71	2.66748	10.2242	10.0452	4.03E-02	1.55E-01	1.52E-01	4.73E-02	1.81E-01	1.78E-01	7.01E-02	2.69E-01	2.64E-01
309	387018.93, 3750998.71	2.6915	10.3031	10.1689	4.07E-02	1.56E-01	1.54E-01	4.77E-02	1.83E-01	1.80E-01	7.08E-02	2.71E-01	2.67E-01
310	387018.93, 3751023.71	2.72328	10.4483	10.3319	4.12E-02	1.58E-01	1.56E-01	4.83E-02	1.85E-01	1.83E-01	7.16E-02	2.75E-01	2.72E-01
311	387018.93, 3751048.71	2.75213	10.579	10.4442	4.16E-02	1.60E-01	1.58E-01	4.88E-02	1.87E-01	1.85E-01	7.24E-02	2.78E-01	2.75E-01
312	387018.93, 3751073.71	2.77965	10.6741	10.5284	4.20E-02	1.61E-01	1.59E-01	4.93E-02	1.89E-01	1.87E-01	7.31E-02	2.81E-01	2.77E-01
313	387018.93, 3751098.71	2.77394	10.783	10.6385	4.19E-02	1.63E-01	1.61E-01	4.92E-02	1.91E-01	1.89E-01	7.29E-02	2.83E-01	2.80E-01
314	387018.93, 3751123.71	2.79292	11.1571	11.0203	4.22E-02	1.69E-01	1.67E-01	4.95E-02	1.98E-01	1.95E-01	7.34E-02	2.93E-01	2.90E-01
315	387018.93, 3751148.71	2.82304	11.3365	11.2013	4.27E-02	1.71E-01	1.69E-01	5.00E-02	2.01E-01	1.98E-01	7.42E-02	2.98E-01	2.94E-01
316	387018.93, 3751173.71	2.88352	11.3535	11.2464	4.36E-02	1.72E-01	1.70E-01	5.11E-02	2.01E-01	1.99E-01	7.58E-02	2.98E-01	2.96E-01
317	387018.93, 3751198.71	2.89725	11.5745	11.4244	4.38E-02	1.75E-01	1.73E-01	5.13E-02	2.05E-01	2.02E-01	7.62E-02	3.04E-01	3.00E-01
318	387018.93, 3751223.71	2.94213	11.7359	11.5624	4.45E-02	1.77E-01	1.75E-01	5.21E-02	2.08E-01	2.05E-01	7.73E-02	3.09E-01	3.04E-01
319	387018.93, 3751248.71	2.95088	11.9252	11.6446	4.46E-02	1.80E-01	1.76E-01	5.23E-02	2.11E-01	2.06E-01	7.76E-02	3.14E-01	3.06E-01
320	387018.93, 3751273.71	2.98959	11.9313	11.6715	4.52E-02	1.80E-01	1.76E-01	5.30E-02	2.11E-01	2.07E-01	7.86E-02	3.14E-01	3.07E-01
321	387018.93, 3751298.71	3.0312	11.9084	11.6285	4.58E-02	1.80E-01	1.76E-01	5.37E-02	2.11E-01	2.06E-01	7.97E-02	3.13E-01	3.06E-01
322	387018.93, 3751323.71	3.03914	11.8366	11.4941	4.60E-02	1.79E-01	1.74E-01	5.39E-02	2.10E-01	2.04E-01	7.99E-02	3.11E-01	3.02E-01
323	387018.93, 3751348.71	3.0665	11.7717	11.5376	4.64E-02	1.78E-01	1.74E-01	5.43E-02	2.09E-01	2.04E-01	8.06E-02	3.09E-01	3.03E-01
324	387018.93, 3751373.71	3.11007	11.8567	11.7451	4.70E-02	1.79E-01	1.78E-01	5.51E-02	2.10E-01	2.08E-01	8.18E-02	3.12E-01	3.09E-01
325	387018.93, 3751398.71	3.13673	12.1051	12.0132	4.74E-02	1.83E-01	1.82E-01	5.56E-02	2.14E-01	2.13E-01	8.25E-02	3.18E-01	3.16E-01
326	387018.93, 3751423.71	3.14977	12.5494	12.3542	4.76E-02	1.90E-01	1.87E-01	5.58E-02	2.22E-01	2.19E-01	8.28E-02	3.30E-01	3.25E-01
327	387018.93, 3751448.71	3.1516	12.7563	12.4809	4.77E-02	1.93E-01	1.89E-01	5.58E-02	2.26E-01	2.21E-01	8.29E-02	3.35E-01	3.28E-01
328	387018.93, 3751473.71	3.18792	12.9067	12.5973	4.82E-02	1.95E-01	1.90E-01	5.65E-02	2.29E-01	2.23E-01	8.38E-02	3.39E-01	3.31E-01
329	387018.93, 3751498.71	3.22325	13.0359	12.712	4.87E-02	1.97E-01	1.92E-01	5.71E-02	2.31E-01	2.25E-01	8.47E-02	3.43E-01	3.34E-01
330	387018.93, 3751523.71	3.30109	13.1562	12.8345	4.99E-02	1.99E-01	1.94E-01	5.85E-02	2.33E-01	2.27E-01	8.68E-02	3.46E-01	3.37E-01
331	387018.93, 3751548.71	3.34898	13.152	12.799	5.06E-02	1.99E-01	1.94E-01	5.93E-02	2.33E-01	2.27E-01	8.80E-02	3.46E-01	3.36E-01
332	387018.93, 3751573.71	3.35917	13.0103	12.5791	5.08E-02	1.97E-01	1.90E-01	5.95E-02	2.31E-01	2.23E-01	8.83E-02	3.42E-01	3.31E-01
333	387018.93, 3751598.71	3.37022	13.1326	12.7676	5.10E-02	1.99E-01	1.93E-01	5.97E-02	2.33E-01	2.26E-01	8.86E-02	3.45E-01	3.36E-01
334	387018.93, 3751623.71	3.39728	13.1493	12.8527	5.14E-02	1.99E-01	1.94E-01	6.02E-02	2.33E-01	2.28E-01	8.93E-02	3.46E-01	3.38E-01
335	387018.93, 3751648.71	3.4197	13.2213	12.9527	5.17E-02	2.00E-01	1.96E-01	6.06E-02	2.34E-01	2.30E-01	8.99E-02	3.48E-01	3.41E-01
336	387018.93, 3751673.71	3.45834	13.1562	13.0535	5.23E-02	1.99E-01	1.97E-01	6.13E-02	2.33E-01	2.31E-01	9.09E-02	3.46E-01	3.43E-01
337	387018.93, 3751698.71	3.42467	13.5631	13.3441	5.18E-02	2.05E-01	2.02E-01	6.07E-02	2.40E-01	2.36E-01	9.00E-02	3.57E-01	3.51E-01
338	387018.93, 3751723.71	3.44074	13.7461	13.4862	5.20E-02	2.08E-01	2.04E-01	6.10E-02	2.44E-01	2.39E-01	9.05E-02	3.61E-01	3.55E-01
339	387018.93, 3751748.71	3.48078	13.8893	13.6587	5.26E-02	2.10E-01	2.07E-01	6.17E-02	2.46E-01	2.42E-01	9.15E-02	3.65E-01	3.59E-01
340	387018.93, 3751773.71	3.41505	14.0155	13.69	5.16E-02	2.12E-01	2.07E-01	6.05E-02	2.48E-01	2.43E-01	8.98E-02	3.68E-01	3.60E-01
341	387018.93, 3751798.71	3.36172	14.0411	13.6806	5.08E-02	2.12E-01	2.07E-01	5.96E-02	2.49E-01	2.42E-01	8.84E-02	3.69E-01	3.60E-01
342	387018.93, 3751823.71	3.31772	14.0702	13.7148	5.02E-02	2.13E-01	2.07E-01	5.88E-02	2.49E-01	2.43E-01	8.72E-02	3.70E-01	3.61E-01
343	387018.93, 3751848.71	3.18118	13.9586	13.5498	4.81E-02	2.11E-01	2.05E-01	5.64E-02	2.47E-01	2.40E-01	8.36E-02	3.67E-01	3.56E-01
344	387018.93, 3751873.71	3.03796	13.7919	13.4324	4.59E-02	2.09E-01	2.03E-01	5.38E-02	2.44E-01	2.38E-01	7.99E-02	3.63E-01	3.53E-01
345	387043.93, 3749698.71	1.79737	7.30748	7.1783	2.72E-02	1.10E-01	1.09E-01	3.18E-02	1.29E-01	1.27E-01	4.73E-02	1.92E-01	1.89E-01
346	387043.93, 3749723.71	1.82136	7.37453	7.24943	2.75E-02	1.12E-01	1.10E-01	3.23E-02	1.31E-01	1.28E-01	4.79E-02	1.94E-01	1.91E-01
347	387043.93, 3749748.71	1.84073	7.52894	7.43195	2.78E-02	1.14E-01	1.12E-01	3.26E-02	1.33E-01	1.32E-01	4.84E-02	1.98E-01	1.95E-01
348	387043.93, 3749773.71	1.86104	7.63818	7.56194	2.81E-02	1.15E-01	1.14E-01	3.30E-02	1.35E-01	1.34E-01	4.89E-02	2.01E-01	1.99E-01
349	387043.93, 3749798.71	1.87956	7.73269	7.64213	2.84E-02	1.17E-01	1.16E-01	3.33E-02	1.37E-01	1.35E-01	4.94E-02	2.03E-01	2.01E-01
350	387043.93, 3749823.71	1.89604	7.78701	7.6969	2.87E-02	1.18E-01	1.16E-01	3.36E-02	1.38E-01	1.36E-01	4.98E-02	2.05E-01	2.02E-01
351	387043.93, 3749848.71	1.90612	7.8604	7.79661	2.88E-02	1.19E-01	1.18E-01	3.38E-02	1.39E-01	1.38E-01	5.01E-02	2.07E-01	2.05E-01
352	387043.93, 3749873.71	1.92339	7.94035	7.87431	2.91E-02	1.20E-01	1.19E-01	3.41E-02	1.41E-01	1.40E-01	5.06E-02	2.09E-01	2.07E-01
353	387043.93, 3749898.71	1.93526	8.13316	8.06763	2.93E-02	1.23E-01	1.22E-01	3.43E-02	1.44E-01	1.43E-01	5.09E-02	2.14E-01	2.12E-01
354	387043.93, 3749923.71	1.97013	8.11006	8.00103	2.98E-02	1.23E-01	1.21E-01	3.49E-02	1.44E-01	1.42E-01	5.18E-02	2.13E-01	2.10E-01
355	387043.93, 3749948.71	1.97969	8.2126	8.10718	2.99E-02	1.24E-01	1.23E-01	3.51E-02	1.46E-01	1.44E-01	5.20E-02	2.16E-01	2.13E-01
356	387043.93, 3749973.71	1.99477	8.26712	8.17699	3.02E-02	1.25E-01	1.24E-01	3.53E-02	1.46E-01	1.45E-01	5.24E-02	2.17E-01	2.15E-01
357	387043.93, 3749998.71	2.00724	8.49747	8.39711	3.04E-02	1.28E-01	1.27E-01	3.56E-02	1.51E-01	1.49E-01	5.28E-02	2.23E-01	2.21E-01
358	387043.93, 3750023.71	2.02572	8.57474	8.46282	3.06E-02	1.30E-01	1.28E-01	3.59E-02	1.52E-01	1.50E-01	5.33E-02	2.25E-01	2.22E-01
359	387043.93, 3750048.71	2.04332	8.65154	8.53116	3.09E-02	1.31E-01	1.29E-01	3.62E-02	1.53E-01	1.51E-01	5.37E-02	2.27E-01	2.24E-01
360	387043.93, 3750073.71	2.06291	8.71248	8.57982	3.12E-02	1.32E-01	1.30E-01	3.66E-02	1.54E-01	1.52E-01	5.42E-02	2.29E-01	2.26E-01
361	387043.93, 3750098.71	2.08359	8.76145	8.62104	3.15E-02	1.32E-01	1.30E-01	3.69E-02	1.55E-01	1.53E-01	5.48E-02	2.30E-01	2.27E-01
362	387043.93, 3750123.71	2.10289	8.80884	8.66622	3.18E-02	1.33E-01	1.31E-01	3.73E-02	1.56E-01	1.54E-01	5.53E-02	2.32E-01	2.28E-01
363	387043.93, 3750148.71	2.13051	8.82669	8.7129	3.22E-02	1.33E-01	1.32E-01	3.78E-02	1.56E-01	1.54E-01	5.60E-02	2.32E-01	2.29E-01
364	387043.93, 3750173.71	2.14559	8.92846	8.79429	3.24E-02	1.35E-01	1.33E-01	3.80E-02	1.58E-01	1.56E-01	5.64E-02	2.35E-01	2.31E-01
365	387043.93, 3750198.71	2.16573	8.99108	8.84593	3.27E-02	1.36E-01	1.34E-01	3.84E-02	1.59E-01	1.57E-01	5.69E-02	2.36E-01	2.33E-01
366	387043.93, 3750223.71	2.19267	9.06319	8.90805	3.32E-02	1.37E-01	1.35E-01	3.89E-02	1.61E-01	1.58E-01	5.76E-02	2.38E-01	2.34E-01
367	387043.93, 3750248.71	2.22173	9.11893	8.92047	3.36E-02	1.38E-01	1.35E-01	3.94E-02	1.62E-01	1.58E-01	5.84E-02	2.40E-01	2.35E-01
368	387043.93, 3750273.71	2.23565	9.11457	8.92052	3.38E-02	1.38E-01	1.35E-01	3.96E-02	1.62E-01	1.58E-01	5.88E-02	2.40E-01	2.35E-01
369	387043.93, 3750298.71	2.25814	9.11306	8.91021	3.41E-02	1.38E-01	1.35E-01	4.00E-02	1.61E-01	1.58E-01	5.94E-02	2.40E-01	2.34E-01
370	387043.93, 3750323.71	2.2794	9.10659	8.90708	3.45E-02	1.38E-01	1.35E-01	4.04E-02	1.61E-01	1.58E-01	5.99E-02	2.39E-01	2.34E-01
371	387043.93, 3750348.71	2.30585	8.9035	8.63965	3.49E-02	1.35E-01	1.31E-01	4.09E-02	1.58E-01	1.53E-01	6.06E-02	2.34E-01	2.27E-01
372	387043.93, 3750373.71	2.33107	8.80788	8.56521	3.52E-02	1.33E-01	1.30E-01	4.13E-02	1.56E-01	1.52E-01	6.13E-02	2.32E-01	2.25E-01
373	387043.93, 3750398.71	2.35186	8.77922	8.56102	3.56E-02	1.33E-01	1.29E-01	4.17E-02	1.56E-01	1.52E-01	6.18E-02	2.31E-01	2.25E-01
374	387043.93, 3750423.71	2.36692	9.06244	8.87417	3.58E-02	1.37E-01	1.34E-01	4.19E-02	1.61E-01	1.57E-01	6.22E-02	2.38E-01	2.33E-01
375	387043.93, 3750448.71	2.38887	9.18196	9.0854	3.61E-02	1.39E-01	1.37E-01	4.23E-02	1.63E-01	1.61E-01	6.28E-02	2.41E-01	2.39E-01
376	387043.93, 3750473.71	2.40828	9.25984	9.1903	3.64E-02	1.40E-01	1.39E-01	4.27E-02	1.64E-01	1.63E-01	6.33E-02	2.43E-01	2.42E-01
377	387043.93, 3750498.71	2.43685	9.4025	9.33891	3.68E-02	1.42E-01	1.41E-01	4.32E-02	1.67E-01	1.65E-01	6.41E-02	2.47E-01	2.46E-01
378	387043.93, 3750523.71	2.46279	9.54306	9.47172	3.72E-02	1.44E-01	1.43E-01	4.36E-02	1.69E-01	1.68E-01	6.47E-02	2.51E-01	2.49E-01
379	387043.93, 3750548.71	2.48923	9.6933	9.60341	3.76E-02	1.47E-01	1.45E-01	4.41E-02	1.72E-01	1.70E-01	6.54E-02	2.55E-01	2.52E-01
380	387043.93, 3750573.71	2.5176	9.72882	9.6416	3.81E-02	1.47E-01	1.46E-01	4.46E-02	1.72E-01	1.71E-01	6.62E-02	2.56E-01	2.53E-01

381	387043.93, 3750598.71	2.54286	9.87255	9.75716	3.84E-02	1.49E-01	1.48E-01	4.51E-02	1.75E-01	1.73E-01	6.69E-02	2.60E-01	2.57E-01
382	387043.93, 3750623.71	2.56338	10.0373	9.88983	3.88E-02	1.52E-01	1.50E-01	4.54E-02	1.78E-01	1.75E-01	6.74E-02	2.64E-01	2.60E-01
383	387043.93, 3750648.71	2.58988	10.0913	9.94072	3.92E-02	1.53E-01	1.50E-01	4.59E-02	1.79E-01	1.76E-01	6.81E-02	2.65E-01	2.61E-01
384	387043.93, 3750673.71	2.61526	10.3814	10.2034	3.95E-02	1.57E-01	1.54E-01	4.63E-02	1.84E-01	1.81E-01	6.88E-02	2.73E-01	2.68E-01
385	387043.93, 3750698.71	2.64005	10.4305	10.2557	3.99E-02	1.58E-01	1.55E-01	4.68E-02	1.85E-01	1.82E-01	6.94E-02	2.74E-01	2.70E-01
386	387043.93, 3750723.71	2.66909	10.4996	10.3332	4.04E-02	1.59E-01	1.56E-01	4.73E-02	1.86E-01	1.83E-01	7.02E-02	2.76E-01	2.72E-01
387	387043.93, 3750748.71	2.69752	10.5954	10.4311	4.08E-02	1.60E-01	1.58E-01	4.78E-02	1.88E-01	1.85E-01	7.09E-02	2.79E-01	2.74E-01
388	387043.93, 3750773.71	2.72918	10.7001	10.5293	4.13E-02	1.62E-01	1.59E-01	4.84E-02	1.90E-01	1.87E-01	7.18E-02	2.81E-01	2.77E-01
389	387043.93, 3750798.71	2.73917	10.7065	10.5299	4.14E-02	1.62E-01	1.59E-01	4.85E-02	1.90E-01	1.87E-01	7.20E-02	2.81E-01	2.77E-01
390	387043.93, 3750823.71	2.77184	10.7727	10.5991	4.19E-02	1.63E-01	1.60E-01	4.91E-02	1.91E-01	1.88E-01	7.29E-02	2.83E-01	2.79E-01
391	387043.93, 3750848.71	2.79637	10.9585	10.7601	4.23E-02	1.66E-01	1.63E-01	4.96E-02	1.94E-01	1.91E-01	7.35E-02	2.88E-01	2.83E-01
392	387043.93, 3750873.71	2.82636	11.0491	10.8575	4.27E-02	1.67E-01	1.64E-01	5.01E-02	1.96E-01	1.92E-01	7.43E-02	2.90E-01	2.85E-01
393	387043.93, 3750898.71	2.87278	11.1276	10.9107	4.34E-02	1.68E-01	1.65E-01	5.09E-02	1.97E-01	1.93E-01	7.55E-02	2.93E-01	2.87E-01
394	387043.93, 3750923.71	2.86864	11.3764	11.0948	4.34E-02	1.72E-01	1.68E-01	5.08E-02	2.02E-01	1.97E-01	7.54E-02	2.99E-01	2.92E-01
395	387043.93, 3750948.71	2.90866	11.3244	11.0273	4.40E-02	1.71E-01	1.67E-01	5.15E-02	2.01E-01	1.95E-01	7.65E-02	2.98E-01	2.90E-01
396	387043.93, 3750973.71	2.93405	11.339	11.0881	4.44E-02	1.71E-01	1.68E-01	5.20E-02	2.01E-01	1.96E-01	7.71E-02	2.98E-01	2.92E-01
397	387043.93, 3750998.71	2.97731	11.425	11.2462	4.50E-02	1.73E-01	1.70E-01	5.28E-02	2.02E-01	1.99E-01	7.83E-02	3.00E-01	2.96E-01
398	387043.93, 3751023.71	3.02631	11.3988	11.2448	4.58E-02	1.72E-01	1.70E-01	5.36E-02	2.02E-01	1.99E-01	7.96E-02	3.00E-01	2.96E-01
399	387043.93, 3751048.71	3.04636	11.6479	11.4014	4.61E-02	1.76E-01	1.72E-01	5.40E-02	2.06E-01	2.02E-01	8.01E-02	3.06E-01	3.00E-01
400	387043.93, 3751073.71	3.09544	11.6187	11.4092	4.68E-02	1.76E-01	1.73E-01	5.48E-02	2.06E-01	2.02E-01	8.14E-02	3.05E-01	3.00E-01
401	387043.93, 3751098.71	3.10467	11.7525	11.6047	4.69E-02	1.78E-01	1.75E-01	5.50E-02	2.08E-01	2.06E-01	8.16E-02	3.09E-01	3.05E-01
402	387043.93, 3751123.71	3.1333	12.1958	12.0334	4.74E-02	1.84E-01	1.82E-01	5.55E-02	2.16E-01	2.13E-01	8.24E-02	3.21E-01	3.16E-01
403	387043.93, 3751148.71	3.16993	12.4264	12.2541	4.79E-02	1.88E-01	1.85E-01	5.62E-02	2.20E-01	2.17E-01	8.33E-02	3.27E-01	3.22E-01
404	387043.93, 3751173.71	3.25213	12.432	12.2367	4.92E-02	1.88E-01	1.85E-01	5.76E-02	2.20E-01	2.17E-01	8.55E-02	3.27E-01	3.22E-01
405	387043.93, 3751198.71	3.26044	12.8546	12.6113	4.93E-02	1.94E-01	1.91E-01	5.78E-02	2.28E-01	2.23E-01	8.57E-02	3.38E-01	3.32E-01
406	387043.93, 3751223.71	3.32733	12.9301	12.6845	5.03E-02	1.96E-01	1.92E-01	5.90E-02	2.29E-01	2.25E-01	8.75E-02	3.40E-01	3.33E-01
407	387043.93, 3751248.71	3.33485	13.1145	12.7604	5.04E-02	1.98E-01	1.93E-01	5.91E-02	2.32E-01	2.26E-01	8.77E-02	3.45E-01	3.35E-01
408	387043.93, 3751273.71	3.38413	13.1381	12.7605	5.12E-02	1.99E-01	1.93E-01	6.00E-02	2.33E-01	2.26E-01	8.90E-02	3.45E-01	3.35E-01
409	387043.93, 3751298.71	3.44719	13.084	12.7169	5.21E-02	1.98E-01	1.92E-01	6.11E-02	2.32E-01	2.25E-01	9.06E-02	3.44E-01	3.34E-01
410	387043.93, 3751323.71	3.42902	13.1718	12.7907	5.18E-02	1.99E-01	1.93E-01	6.08E-02	2.33E-01	2.27E-01	9.01E-02	3.46E-01	3.36E-01
411	387043.93, 3751348.71	3.48076	13.2186	12.9662	5.26E-02	2.00E-01	1.96E-01	6.17E-02	2.34E-01	2.30E-01	9.15E-02	3.48E-01	3.41E-01
412	387043.93, 3751373.71	3.53463	13.4199	13.229	5.34E-02	2.03E-01	2.00E-01	6.26E-02	2.38E-01	2.34E-01	9.29E-02	3.53E-01	3.48E-01
413	387043.93, 3751398.71	3.57857	13.7284	13.5145	5.41E-02	2.08E-01	2.04E-01	6.34E-02	2.43E-01	2.39E-01	9.41E-02	3.61E-01	3.55E-01
414	387043.93, 3751423.71	3.62156	14.0276	13.7449	5.48E-02	2.12E-01	2.08E-01	6.42E-02	2.49E-01	2.44E-01	9.52E-02	3.69E-01	3.61E-01
415	387043.93, 3751448.71	3.63763	14.2533	13.9155	5.50E-02	2.16E-01	2.10E-01	6.45E-02	2.53E-01	2.47E-01	9.56E-02	3.75E-01	3.66E-01
416	387043.93, 3751473.71	3.69498	14.4066	14.0518	5.59E-02	2.18E-01	2.12E-01	6.55E-02	2.55E-01	2.49E-01	9.71E-02	3.79E-01	3.69E-01
417	387043.93, 3751498.71	3.75551	14.5828	14.2223	5.68E-02	2.20E-01	2.15E-01	6.65E-02	2.58E-01	2.52E-01	9.87E-02	3.83E-01	3.74E-01
418	387043.93, 3751523.71	3.83526	14.7292	14.3338	5.80E-02	2.23E-01	2.17E-01	6.80E-02	2.61E-01	2.54E-01	1.01E-01	3.87E-01	3.77E-01
419	387043.93, 3751548.71	3.93189	14.7844	14.3076	5.95E-02	2.24E-01	2.16E-01	6.97E-02	2.62E-01	2.54E-01	1.03E-01	3.89E-01	3.76E-01
420	387043.93, 3751573.71	3.97724	14.5498	14.1079	6.01E-02	2.20E-01	2.13E-01	7.05E-02	2.58E-01	2.50E-01	1.05E-01	3.83E-01	3.71E-01
421	387043.93, 3751598.71	4.01354	14.3776	13.9542	6.07E-02	2.17E-01	2.11E-01	7.11E-02	2.55E-01	2.47E-01	1.06E-01	3.78E-01	3.67E-01
422	387043.93, 3751623.71	4.06687	14.5284	14.2067	6.15E-02	2.20E-01	2.15E-01	7.21E-02	2.57E-01	2.52E-01	1.07E-01	3.82E-01	3.73E-01
423	387043.93, 3751648.71	4.10156	14.7697	14.5357	6.20E-02	2.23E-01	2.20E-01	7.27E-02	2.62E-01	2.58E-01	1.08E-01	3.88E-01	3.82E-01
424	387043.93, 3751673.71	4.17057	15.0932	14.9633	6.31E-02	2.28E-01	2.26E-01	7.39E-02	2.67E-01	2.65E-01	1.10E-01	3.97E-01	3.93E-01
425	387043.93, 3751698.71	4.18654	15.559	15.2627	6.33E-02	2.35E-01	2.31E-01	7.42E-02	2.76E-01	2.70E-01	1.10E-01	4.09E-01	4.01E-01
426	387043.93, 3751723.71	4.25826	15.7767	15.4234	6.44E-02	2.39E-01	2.33E-01	7.55E-02	2.80E-01	2.73E-01	1.12E-01	4.15E-01	4.05E-01
427	387043.93, 3751748.71	4.27009	16.0087	15.6595	6.46E-02	2.42E-01	2.37E-01	7.57E-02	2.84E-01	2.77E-01	1.12E-01	4.21E-01	4.12E-01
428	387043.93, 3751773.71	4.22537	16.1816	15.7445	6.39E-02	2.45E-01	2.38E-01	7.49E-02	2.87E-01	2.79E-01	1.11E-01	4.25E-01	4.14E-01
429	387043.93, 3751798.71	4.15328	16.1165	15.67	6.28E-02	2.44E-01	2.37E-01	7.36E-02	2.86E-01	2.78E-01	1.09E-01	4.24E-01	4.12E-01
430	387043.93, 3751823.71	4.13014	16.2513	15.7857	6.24E-02	2.46E-01	2.39E-01	7.32E-02	2.88E-01	2.80E-01	1.09E-01	4.27E-01	4.15E-01
431	387043.93, 3751848.71	4.00742	16.0466	15.4918	6.06E-02	2.43E-01	2.34E-01	7.10E-02	2.84E-01	2.75E-01	1.05E-01	4.22E-01	4.07E-01
432	387043.93, 3751873.71	3.83837	15.8433	15.4009	5.80E-02	2.40E-01	2.33E-01	6.80E-02	2.81E-01	2.73E-01	1.01E-01	4.17E-01	4.05E-01
433	387068.93, 3749448.71	1.70505	5.94037	5.72724	2.58E-02	8.98E-02	8.66E-02	3.02E-02	1.05E-01	1.01E-01	4.48E-02	1.56E-01	1.51E-01
434	387068.93, 3749473.71	1.72646	6.17741	5.9577	2.61E-02	9.34E-02	9.01E-02	3.06E-02	1.09E-01	1.06E-01	4.54E-02	1.62E-01	1.57E-01
435	387068.93, 3749498.71	1.74891	6.36863	6.16375	2.64E-02	9.63E-02	9.32E-02	3.10E-02	1.13E-01	1.09E-01	4.60E-02	1.67E-01	1.62E-01
436	387068.93, 3749523.71	1.77597	6.57344	6.36675	2.69E-02	9.94E-02	9.63E-02	3.15E-02	1.16E-01	1.13E-01	4.67E-02	1.73E-01	1.67E-01
437	387068.93, 3749548.71	1.80104	6.72333	6.53678	2.72E-02	1.02E-01	9.88E-02	3.19E-02	1.19E-01	1.16E-01	4.73E-02	1.77E-01	1.72E-01
438	387068.93, 3749573.71	1.8272	6.59763	6.45777	2.76E-02	9.98E-02	9.76E-02	3.24E-02	1.17E-01	1.14E-01	4.80E-02	1.73E-01	1.70E-01
439	387068.93, 3749598.71	1.84163	6.95132	6.82663	2.78E-02	1.05E-01	1.03E-01	3.26E-02	1.23E-01	1.21E-01	4.84E-02	1.83E-01	1.79E-01
440	387068.93, 3749623.71	1.87078	7.00605	6.89852	2.83E-02	1.06E-01	1.04E-01	3.31E-02	1.24E-01	1.22E-01	4.92E-02	1.84E-01	1.81E-01
441	387068.93, 3749648.71	1.89739	7.02171	6.87875	2.87E-02	1.06E-01	1.04E-01	3.36E-02	1.24E-01	1.22E-01	4.99E-02	1.85E-01	1.81E-01
442	387068.93, 3749673.71	1.91371	7.24133	7.12723	2.89E-02	1.09E-01	1.08E-01	3.39E-02	1.28E-01	1.26E-01	5.03E-02	1.90E-01	1.87E-01
443	387068.93, 3749698.71	1.93731	7.39253	7.2817	2.93E-02	1.12E-01	1.10E-01	3.43E-02	1.31E-01	1.29E-01	5.09E-02	1.94E-01	1.91E-01
444	387068.93, 3749723.71	1.95967	7.54563	7.44672	2.96E-02	1.14E-01	1.13E-01	3.47E-02	1.34E-01	1.32E-01	5.15E-02	1.98E-01	1.96E-01
445	387068.93, 3749748.71	1.97849	7.78017	7.68304	2.99E-02	1.18E-01	1.16E-01	3.51E-02	1.38E-01	1.36E-01	5.20E-02	2.05E-01	2.02E-01
446	387068.93, 3749773.71	1.99935	7.91598	7.83846	3.02E-02	1.20E-01	1.19E-01	3.54E-02	1.40E-01	1.39E-01	5.26E-02	2.08E-01	2.06E-01
447	387068.93, 3749798.71	2.02145	7.85061	7.77996	3.06E-02	1.19E-01	1.18E-01	3.58E-02	1.39E-01	1.38E-01	5.31E-02	2.06E-01	2.05E-01
448	387068.93, 3749823.71	2.04118	8.14142	8.05628	3.09E-02	1.23E-01	1.22E-01	3.62E-02	1.44E-01	1.43E-01	5.37E-02	2.14E-01	2.12E-01
449	387068.93, 3749848.71	2.06009	8.32359	8.24568	3.11E-02	1.26E-01	1.25E-01	3.65E-02	1.47E-01	1.46E-01	5.42E-02	2.19E-01	2.17E-01
450	387068.93, 3749873.71	2.08009	8.41146	8.33262	3.15E-02	1.27E-01	1.26E-01	3.69E-02	1.49E-01	1.48E-01	5.47E-02	2.21E-01	2.19E-01
451	387068.93, 3749898.71	2.09967	8.5201	8.40786	3.17E-02	1.29E-01	1.27E-01	3.72E-02	1.51E-01	1.49E-01	5.52E-02	2.24E-01	2.21E-01
452	387068.93, 3749923.71	2.12308	8.4999	8.39891	3.21E-02	1.29E-01	1.27E-01	3.76E-02	1.51E-01	1.49E-01	5.58E-02	2.23E-01	2.21E-01
453	387068.93, 3749948.71	2.14119	8.68717	8.55432	3.24E-02	1.31E-01	1.29E-01	3.79E-02	1.54E-01	1.52E-01	5.63E-02	2.28E-01	2.25E-01
454	387068.93, 3749973.71	2.15917	8.7141	8.59076	3.26E-02	1.32E-01	1.30E-01	3.83E-02	1.54E-01	1.52E-01	5.68E-02	2.29E-01	2.26E-01
455	387068.93, 3749998.71	2.17437	8.86329	8.77586	3.29E-02	1.34E-01	1.33E-01	3.85E-02	1.57E-01	1.56E-01	5.72E-02	2.33E-01	2.31E-01
456	387068.93, 3750023.71	2.19216	8.95386	8.85756	3.31E-02	1.35E-01	1.34E-01	3.88E-02	1.59E-01	1.57E-01	5.76E-02	2.35E-01	2.33E-01
457	387068.93, 3750048.71	2.20942	9.18624	9.05855	3.34E-02	1.39E-01	1.37E-01	3.92E-02	1.63E-01	1.61E-01	5.81E-02	2.42E-01	2.38E-01

458	387068.93, 3750073.71	2.23285	9.25579	9.11505	3.38E-02	1.40E-01	1.38E-01	3.96E-02	1.64E-01	1.62E-01	5.87E-02	2.43E-01	2.40E-01
459	387068.93, 3750098.71	2.25945	9.22952	9.11015	3.42E-02	1.40E-01	1.38E-01	4.00E-02	1.64E-01	1.61E-01	5.94E-02	2.43E-01	2.40E-01
460	387068.93, 3750123.71	2.28232	9.31116	9.18485	3.45E-02	1.41E-01	1.39E-01	4.04E-02	1.65E-01	1.63E-01	6.00E-02	2.45E-01	2.41E-01
461	387068.93, 3750148.71	2.31008	9.42072	9.29311	3.49E-02	1.42E-01	1.41E-01	4.09E-02	1.67E-01	1.65E-01	6.07E-02	2.48E-01	2.44E-01
462	387068.93, 3750173.71	2.3288	9.49843	9.36232	3.52E-02	1.44E-01	1.42E-01	4.13E-02	1.68E-01	1.66E-01	6.12E-02	2.50E-01	2.46E-01
463	387068.93, 3750198.71	2.35569	9.6017	9.45287	3.56E-02	1.45E-01	1.43E-01	4.17E-02	1.70E-01	1.68E-01	6.19E-02	2.52E-01	2.49E-01
464	387068.93, 3750223.71	2.37108	9.63264	9.4636	3.59E-02	1.46E-01	1.43E-01	4.20E-02	1.71E-01	1.68E-01	6.23E-02	2.53E-01	2.49E-01
465	387068.93, 3750248.71	2.41003	9.72465	9.52313	3.64E-02	1.47E-01	1.44E-01	4.27E-02	1.72E-01	1.69E-01	6.34E-02	2.56E-01	2.50E-01
466	387068.93, 3750273.71	2.42972	9.70415	9.51309	3.67E-02	1.47E-01	1.44E-01	4.31E-02	1.72E-01	1.69E-01	6.39E-02	2.55E-01	2.50E-01
467	387068.93, 3750298.71	2.4543	9.70298	9.50886	3.71E-02	1.47E-01	1.44E-01	4.35E-02	1.72E-01	1.68E-01	6.45E-02	2.55E-01	2.50E-01
468	387068.93, 3750323.71	2.4791	9.69848	9.50568	3.75E-02	1.47E-01	1.44E-01	4.39E-02	1.72E-01	1.68E-01	6.52E-02	2.55E-01	2.50E-01
469	387068.93, 3750348.71	2.50122	9.6566	9.47749	3.78E-02	1.46E-01	1.43E-01	4.43E-02	1.71E-01	1.68E-01	6.58E-02	2.54E-01	2.49E-01
470	387068.93, 3750373.71	2.54107	9.34911	9.14391	3.84E-02	1.41E-01	1.38E-01	4.50E-02	1.66E-01	1.62E-01	6.68E-02	2.46E-01	2.40E-01
471	387068.93, 3750398.71	2.56388	9.29218	9.14965	3.88E-02	1.41E-01	1.38E-01	4.54E-02	1.65E-01	1.62E-01	6.74E-02	2.44E-01	2.41E-01
472	387068.93, 3750423.71	2.57569	9.71649	9.59495	3.89E-02	1.47E-01	1.45E-01	4.56E-02	1.72E-01	1.70E-01	6.77E-02	2.55E-01	2.52E-01
473	387068.93, 3750448.71	2.60145	9.8065	9.71594	3.93E-02	1.48E-01	1.47E-01	4.61E-02	1.74E-01	1.72E-01	6.84E-02	2.58E-01	2.55E-01
474	387068.93, 3750473.71	2.64097	9.9763	9.89282	3.99E-02	1.51E-01	1.50E-01	4.68E-02	1.77E-01	1.75E-01	6.94E-02	2.62E-01	2.60E-01
475	387068.93, 3750498.71	2.65633	10.2942	10.1798	4.02E-02	1.56E-01	1.54E-01	4.71E-02	1.82E-01	1.80E-01	6.98E-02	2.71E-01	2.68E-01
476	387068.93, 3750523.71	2.67832	10.5006	10.3529	4.05E-02	1.59E-01	1.57E-01	4.75E-02	1.86E-01	1.83E-01	7.04E-02	2.76E-01	2.72E-01
477	387068.93, 3750548.71	2.70853	10.6307	10.4861	4.10E-02	1.61E-01	1.59E-01	4.80E-02	1.88E-01	1.86E-01	7.12E-02	2.79E-01	2.76E-01
478	387068.93, 3750573.71	2.75269	10.6924	10.5873	4.16E-02	1.62E-01	1.60E-01	4.88E-02	1.89E-01	1.88E-01	7.24E-02	2.81E-01	2.78E-01
479	387068.93, 3750598.71	2.78011	10.9285	10.7835	4.20E-02	1.65E-01	1.63E-01	4.93E-02	1.94E-01	1.91E-01	7.31E-02	2.87E-01	2.83E-01
480	387068.93, 3750623.71	2.80913	11.0498	10.8896	4.25E-02	1.67E-01	1.65E-01	4.98E-02	1.96E-01	1.93E-01	7.39E-02	2.90E-01	2.86E-01
481	387068.93, 3750648.71	2.83768	11.1417	10.9491	4.29E-02	1.68E-01	1.66E-01	5.03E-02	1.97E-01	1.94E-01	7.46E-02	2.93E-01	2.88E-01
482	387068.93, 3750673.71	2.86987	11.1851	10.9715	4.34E-02	1.69E-01	1.66E-01	5.09E-02	1.98E-01	1.94E-01	7.54E-02	2.94E-01	2.88E-01
483	387068.93, 3750698.71	2.90232	11.2311	11.0134	4.39E-02	1.70E-01	1.67E-01	5.14E-02	1.99E-01	1.95E-01	7.63E-02	2.95E-01	2.90E-01
484	387068.93, 3750723.71	2.93504	11.5955	11.3989	4.44E-02	1.75E-01	1.72E-01	5.20E-02	2.05E-01	2.02E-01	7.72E-02	3.05E-01	3.00E-01
485	387068.93, 3750748.71	2.97198	11.4438	11.251	4.49E-02	1.73E-01	1.70E-01	5.27E-02	2.03E-01	1.99E-01	7.81E-02	3.01E-01	2.96E-01
486	387068.93, 3750773.71	3.01381	11.553	11.3493	4.56E-02	1.75E-01	1.72E-01	5.34E-02	2.05E-01	2.01E-01	7.92E-02	3.04E-01	2.98E-01
487	387068.93, 3750798.71	3.03779	11.9311	11.7103	4.59E-02	1.80E-01	1.77E-01	5.38E-02	2.11E-01	2.08E-01	7.99E-02	3.14E-01	3.08E-01
488	387068.93, 3750823.71	3.07297	12.0305	11.8244	4.65E-02	1.82E-01	1.79E-01	5.45E-02	2.13E-01	2.10E-01	8.08E-02	3.16E-01	3.11E-01
489	387068.93, 3750848.71	3.10558	12.1377	11.9507	4.70E-02	1.84E-01	1.81E-01	5.50E-02	2.15E-01	2.12E-01	8.16E-02	3.19E-01	3.14E-01
490	387068.93, 3750873.71	3.14584	12.2962	12.0771	4.76E-02	1.86E-01	1.83E-01	5.57E-02	2.18E-01	2.14E-01	8.27E-02	3.23E-01	3.18E-01
491	387068.93, 3750898.71	3.21777	12.1737	11.8964	4.87E-02	1.84E-01	1.80E-01	5.70E-02	2.16E-01	2.11E-01	8.46E-02	3.20E-01	3.13E-01
492	387068.93, 3750923.71	3.22537	12.2017	11.801	4.88E-02	1.84E-01	1.78E-01	5.72E-02	2.16E-01	2.09E-01	8.48E-02	3.21E-01	3.10E-01
493	387068.93, 3750948.71	3.26438	12.3116	11.9622	4.94E-02	1.86E-01	1.81E-01	5.78E-02	2.18E-01	2.12E-01	8.58E-02	3.24E-01	3.14E-01
494	387068.93, 3750973.71	3.3128	12.3598	12.1337	5.01E-02	1.87E-01	1.83E-01	5.87E-02	2.19E-01	2.15E-01	8.71E-02	3.25E-01	3.19E-01
495	387068.93, 3750998.71	3.35686	12.5548	12.3501	5.08E-02	1.90E-01	1.87E-01	5.95E-02	2.22E-01	2.19E-01	8.83E-02	3.30E-01	3.25E-01
496	387068.93, 3751023.71	3.39278	12.7627	12.512	5.13E-02	1.93E-01	1.89E-01	6.01E-02	2.26E-01	2.22E-01	8.92E-02	3.36E-01	3.29E-01
497	387068.93, 3751048.71	3.43697	12.8432	12.5143	5.20E-02	1.94E-01	1.89E-01	6.09E-02	2.28E-01	2.22E-01	9.04E-02	3.38E-01	3.29E-01
498	387068.93, 3751073.71	3.49853	12.8146	12.5579	5.29E-02	1.94E-01	1.90E-01	6.20E-02	2.27E-01	2.23E-01	9.20E-02	3.37E-01	3.30E-01
499	387068.93, 3751098.71	3.53022	13.0283	12.8372	5.34E-02	1.97E-01	1.94E-01	6.26E-02	2.31E-01	2.27E-01	9.28E-02	3.43E-01	3.37E-01
500	387068.93, 3751123.71	3.56587	13.5053	13.3109	5.39E-02	2.04E-01	2.01E-01	6.32E-02	2.39E-01	2.36E-01	9.37E-02	3.55E-01	3.50E-01
501	387068.93, 3751148.71	3.62004	13.8052	13.5855	5.47E-02	2.09E-01	2.05E-01	6.41E-02	2.45E-01	2.41E-01	9.52E-02	3.63E-01	3.57E-01
502	387068.93, 3751173.71	3.71213	13.9981	13.7613	5.61E-02	2.12E-01	2.08E-01	6.58E-02	2.48E-01	2.44E-01	9.76E-02	3.68E-01	3.62E-01
503	387068.93, 3751198.71	3.73032	14.3166	13.9825	5.64E-02	2.16E-01	2.11E-01	6.61E-02	2.54E-01	2.48E-01	9.81E-02	3.76E-01	3.68E-01
504	387068.93, 3751223.71	3.8247	14.4403	14.089	5.78E-02	2.18E-01	2.13E-01	6.78E-02	2.56E-01	2.50E-01	1.01E-01	3.80E-01	3.70E-01
505	387068.93, 3751248.71	3.8827	14.5781	14.1888	5.87E-02	2.20E-01	2.15E-01	6.88E-02	2.58E-01	2.51E-01	1.02E-01	3.83E-01	3.73E-01
506	387068.93, 3751273.71	3.92707	14.6318	14.21	5.94E-02	2.21E-01	2.15E-01	6.96E-02	2.59E-01	2.52E-01	1.03E-01	3.85E-01	3.74E-01
507	387068.93, 3751298.71	4.00637	14.5895	14.2035	6.06E-02	2.21E-01	2.15E-01	7.10E-02	2.59E-01	2.52E-01	1.05E-01	3.84E-01	3.73E-01
508	387068.93, 3751323.71	4.02403	14.5132	14.0672	6.08E-02	2.19E-01	2.13E-01	7.13E-02	2.57E-01	2.49E-01	1.06E-01	3.82E-01	3.70E-01
509	387068.93, 3751348.71	4.08002	14.8476	14.5996	6.17E-02	2.25E-01	2.21E-01	7.23E-02	2.63E-01	2.59E-01	1.07E-01	3.90E-01	3.84E-01
510	387068.93, 3751373.71	4.14207	15.172	14.9813	6.26E-02	2.29E-01	2.27E-01	7.34E-02	2.69E-01	2.65E-01	1.09E-01	3.99E-01	3.94E-01
511	387068.93, 3751398.71	4.21026	15.5867	15.3127	6.37E-02	2.36E-01	2.32E-01	7.46E-02	2.76E-01	2.71E-01	1.11E-01	4.10E-01	4.03E-01
512	387068.93, 3751423.71	4.27384	15.9454	15.614	6.46E-02	2.41E-01	2.36E-01	7.57E-02	2.83E-01	2.77E-01	1.12E-01	4.19E-01	4.10E-01
513	387068.93, 3751448.71	4.31097	16.1942	15.7367	6.52E-02	2.45E-01	2.38E-01	7.64E-02	2.87E-01	2.79E-01	1.13E-01	4.26E-01	4.14E-01
514	387068.93, 3751473.71	4.40264	16.3535	15.9615	6.66E-02	2.47E-01	2.41E-01	7.80E-02	2.90E-01	2.83E-01	1.16E-01	4.30E-01	4.20E-01
515	387068.93, 3751498.71	4.494	16.662	16.2305	6.80E-02	2.52E-01	2.45E-01	7.96E-02	2.95E-01	2.88E-01	1.18E-01	4.38E-01	4.27E-01
516	387068.93, 3751523.71	4.67061	16.9495	16.5106	7.06E-02	2.56E-01	2.50E-01	8.28E-02	3.00E-01	2.93E-01	1.23E-01	4.46E-01	4.34E-01
517	387068.93, 3751548.71	4.74349	17.04	16.5408	7.17E-02	2.58E-01	2.50E-01	8.41E-02	3.02E-01	2.93E-01	1.25E-01	4.48E-01	4.35E-01
518	387068.93, 3751573.71	4.85841	17.2341	16.4348	7.35E-02	2.61E-01	2.49E-01	8.61E-02	3.05E-01	2.91E-01	1.28E-01	4.53E-01	4.32E-01
519	387068.93, 3751598.71	4.95078	17.5399	16.6291	7.49E-02	2.65E-01	2.51E-01	8.77E-02	3.11E-01	2.95E-01	1.30E-01	4.61E-01	4.37E-01
520	387068.93, 3751623.71	5.04018	17.8466	16.9619	7.62E-02	2.70E-01	2.56E-01	8.93E-02	3.16E-01	3.01E-01	1.33E-01	4.69E-01	4.46E-01
521	387068.93, 3751648.71	5.13259	18.1828	17.2782	7.76E-02	2.75E-01	2.61E-01	9.09E-02	3.22E-01	3.06E-01	1.35E-01	4.78E-01	4.54E-01
522	387068.93, 3751673.71	5.23825	18.5446	17.8566	7.92E-02	2.80E-01	2.70E-01	9.28E-02	3.29E-01	3.16E-01	1.38E-01	4.88E-01	4.69E-01
523	387068.93, 3751698.71	5.28878	18.8186	18.2697	8.00E-02	2.85E-01	2.76E-01	9.37E-02	3.33E-01	3.24E-01	1.39E-01	4.95E-01	4.80E-01
524	387068.93, 3751723.71	5.34905	19.105	18.3607	8.09E-02	2.89E-01	2.78E-01	9.48E-02	3.39E-01	3.25E-01	1.41E-01	5.02E-01	4.83E-01
525	387068.93, 3751748.71	5.43506	19.4234	18.8203	8.22E-02	2.94E-01	2.85E-01	9.63E-02	3.44E-01	3.33E-01	1.43E-01	5.11E-01	4.95E-01
526	387068.93, 3751773.71	5.45835	19.6267	18.8943	8.25E-02	2.97E-01	2.86E-01	9.67E-02	3.48E-01	3.35E-01	1.44E-01	5.16E-01	4.97E-01
527	387068.93, 3751798.71	5.47316	19.7876	18.961	8.28E-02	2.99E-01	2.87E-01	9.70E-02	3.51E-01	3.36E-01	1.44E-01	5.20E-01	4.98E-01
528	387068.93, 3751823.71	5.46246	19.8359	19.1265	8.26E-02	3.00E-01	2.89E-01	9.68E-02	3.51E-01	3.39E-01	1.44E-01	5.21E-01	5.03E-01
529	387068.93, 3751848.71	5.38657	19.6363	18.8098	8.14E-02	2.97E-01	2.84E-01	9.54E-02	3.48E-01	3.33E-01	1.42E-01	5.16E-01	4.95E-01
530	387068.93, 3751873.71	5.24479	19.2798	18.8186	7.93E-02	2.92E-01	2.85E-01	9.29E-02	3.42E-01	3.33E-01	1.38E-01	5.07E-01	4.95E-01
531	387093.93, 3749198.71	1.52262	5.22716	5.07026	2.30E-02	7.90E-02	7.67E-02	2.70E-02	9.26E-02	8.98E-02	4.00E-02	1.37E-01	1.33E-01
532	387093.93, 3749223.71	1.5607	5.33132	5.15659	2.36E-02	8.06E-02	7.80E-02	2.77E-02	9.45E-02	9.14E-02	4.10E-02	1.40E-01	1.36E-01
533	387093.93, 3749248.71	1.5939	5.4191	5.24103	2.41E-02	8.19E-02	7.92E-02	2.82E-02	9.60E-02	9.29E-02	4.19E-02	1.42E-01	1.38E-01
534	387093.93, 3749273.71	1.62651	5.51917	5.31271	2.46E-02	8.35E-02	8.03E-02	2.88E-02	9.78E-02	9.41E-02	4.28E-02	1.45E-01	1.40E-01

535	387093.93, 3749298.71	1.65751	5.62961	5.3935	2.51E-02	8.51E-02	8.16E-02	2.94E-02	9.98E-02	9.56E-02	4.36E-02	1.48E-01	1.42E-01
536	387093.93, 3749323.71	1.68835	5.73791	5.48619	2.55E-02	8.68E-02	8.30E-02	2.99E-02	1.02E-01	9.72E-02	4.44E-02	1.51E-01	1.44E-01
537	387093.93, 3749348.71	1.72376	5.84922	5.60575	2.61E-02	8.84E-02	8.48E-02	3.05E-02	1.04E-01	9.93E-02	4.53E-02	1.54E-01	1.47E-01
538	387093.93, 3749373.71	1.7634	5.95649	5.71183	2.67E-02	9.01E-02	8.64E-02	3.12E-02	1.06E-01	1.01E-01	4.64E-02	1.57E-01	1.50E-01
539	387093.93, 3749398.71	1.7918	6.05799	5.7857	2.71E-02	9.16E-02	8.75E-02	3.17E-02	1.07E-01	1.03E-01	4.71E-02	1.59E-01	1.52E-01
540	387093.93, 3749423.71	1.81776	6.1562	5.86792	2.75E-02	9.31E-02	8.87E-02	3.22E-02	1.09E-01	1.04E-01	4.78E-02	1.62E-01	1.54E-01
541	387093.93, 3749448.71	1.84234	6.3453	6.11929	2.79E-02	9.59E-02	9.25E-02	3.26E-02	1.12E-01	1.08E-01	4.84E-02	1.67E-01	1.61E-01
542	387093.93, 3749473.71	1.86342	6.47495	6.26817	2.82E-02	9.79E-02	9.48E-02	3.30E-02	1.15E-01	1.11E-01	4.90E-02	1.70E-01	1.65E-01
543	387093.93, 3749498.71	1.89106	6.62162	6.43326	2.86E-02	1.00E-01	9.73E-02	3.35E-02	1.17E-01	1.14E-01	4.97E-02	1.74E-01	1.69E-01
544	387093.93, 3749523.71	1.9201	6.72719	6.58309	2.90E-02	1.02E-01	9.95E-02	3.40E-02	1.19E-01	1.17E-01	5.05E-02	1.77E-01	1.73E-01
545	387093.93, 3749548.71	1.94406	6.87919	6.73686	2.94E-02	1.04E-01	1.02E-01	3.44E-02	1.22E-01	1.19E-01	5.11E-02	1.81E-01	1.77E-01
546	387093.93, 3749573.71	1.96649	7.25303	7.11918	2.97E-02	1.10E-01	1.08E-01	3.48E-02	1.29E-01	1.26E-01	5.17E-02	1.91E-01	1.87E-01
547	387093.93, 3749598.71	1.98918	7.33377	7.21322	3.01E-02	1.11E-01	1.09E-01	3.52E-02	1.30E-01	1.28E-01	5.23E-02	1.93E-01	1.90E-01
548	387093.93, 3749623.71	2.01929	7.44406	7.33133	3.05E-02	1.13E-01	1.11E-01	3.58E-02	1.32E-01	1.30E-01	5.31E-02	1.96E-01	1.93E-01
549	387093.93, 3749648.71	2.04644	7.29651	7.14017	3.09E-02	1.10E-01	1.08E-01	3.63E-02	1.29E-01	1.27E-01	5.38E-02	1.92E-01	1.88E-01
550	387093.93, 3749673.71	2.0674	7.67752	7.55616	3.13E-02	1.16E-01	1.14E-01	3.66E-02	1.36E-01	1.34E-01	5.44E-02	2.02E-01	1.99E-01
551	387093.93, 3749698.71	2.08669	7.86736	7.75479	3.16E-02	1.19E-01	1.17E-01	3.70E-02	1.39E-01	1.37E-01	5.49E-02	2.07E-01	2.04E-01
552	387093.93, 3749723.71	2.11075	8.07862	7.96716	3.19E-02	1.22E-01	1.20E-01	3.74E-02	1.43E-01	1.41E-01	5.55E-02	2.12E-01	2.09E-01
553	387093.93, 3749748.71	2.13533	8.26015	8.16748	3.23E-02	1.25E-01	1.23E-01	3.78E-02	1.46E-01	1.45E-01	5.61E-02	2.17E-01	2.15E-01
554	387093.93, 3749773.71	2.15823	8.41308	8.33167	3.26E-02	1.27E-01	1.26E-01	3.82E-02	1.49E-01	1.48E-01	5.67E-02	2.21E-01	2.19E-01
555	387093.93, 3749798.71	2.18101	8.71123	8.61423	3.30E-02	1.32E-01	1.30E-01	3.86E-02	1.54E-01	1.53E-01	5.73E-02	2.29E-01	2.26E-01
556	387093.93, 3749823.71	2.1952	8.78926	8.7175	3.32E-02	1.33E-01	1.32E-01	3.89E-02	1.56E-01	1.54E-01	5.77E-02	2.31E-01	2.29E-01
557	387093.93, 3749848.71	2.21152	8.97067	8.89829	3.34E-02	1.36E-01	1.35E-01	3.92E-02	1.59E-01	1.58E-01	5.81E-02	2.36E-01	2.34E-01
558	387093.93, 3749873.71	2.23503	8.98816	8.88912	3.38E-02	1.36E-01	1.34E-01	3.96E-02	1.59E-01	1.58E-01	5.88E-02	2.36E-01	2.34E-01
559	387093.93, 3749898.71	2.26141	9.10479	8.99372	3.42E-02	1.38E-01	1.36E-01	4.01E-02	1.61E-01	1.59E-01	5.95E-02	2.39E-01	2.36E-01
560	387093.93, 3749923.71	2.29846	9.07661	8.95652	3.48E-02	1.37E-01	1.35E-01	4.07E-02	1.61E-01	1.59E-01	6.04E-02	2.39E-01	2.35E-01
561	387093.93, 3749948.71	2.30775	9.2577	9.16059	3.49E-02	1.40E-01	1.39E-01	4.09E-02	1.64E-01	1.62E-01	6.07E-02	2.43E-01	2.41E-01
562	387093.93, 3749973.71	2.33113	9.34861	9.24939	3.52E-02	1.41E-01	1.40E-01	4.13E-02	1.66E-01	1.64E-01	6.13E-02	2.46E-01	2.43E-01
563	387093.93, 3749998.71	2.3476	9.61648	9.49032	3.55E-02	1.45E-01	1.43E-01	4.16E-02	1.70E-01	1.68E-01	6.17E-02	2.53E-01	2.50E-01
564	387093.93, 3750023.71	2.3751	9.72218	9.59246	3.59E-02	1.47E-01	1.45E-01	4.21E-02	1.72E-01	1.70E-01	6.24E-02	2.56E-01	2.52E-01
565	387093.93, 3750048.71	2.38777	9.78136	9.63643	3.61E-02	1.48E-01	1.46E-01	4.23E-02	1.73E-01	1.71E-01	6.28E-02	2.57E-01	2.53E-01
566	387093.93, 3750073.71	2.41583	9.86313	9.70309	3.65E-02	1.49E-01	1.47E-01	4.28E-02	1.75E-01	1.72E-01	6.35E-02	2.59E-01	2.55E-01
567	387093.93, 3750098.71	2.44367	9.9127	9.74688	3.69E-02	1.50E-01	1.47E-01	4.33E-02	1.76E-01	1.73E-01	6.42E-02	2.61E-01	2.56E-01
568	387093.93, 3750123.71	2.47088	9.97366	9.809	3.74E-02	1.51E-01	1.48E-01	4.38E-02	1.77E-01	1.74E-01	6.50E-02	2.62E-01	2.58E-01
569	387093.93, 3750148.71	2.51905	10.0841	9.94218	3.81E-02	1.52E-01	1.50E-01	4.46E-02	1.79E-01	1.76E-01	6.62E-02	2.65E-01	2.61E-01
570	387093.93, 3750173.71	2.5297	10.1835	10.0386	3.83E-02	1.54E-01	1.52E-01	4.48E-02	1.80E-01	1.78E-01	6.65E-02	2.68E-01	2.64E-01
571	387093.93, 3750198.71	2.56125	10.2631	10.1065	3.87E-02	1.55E-01	1.53E-01	4.54E-02	1.82E-01	1.79E-01	6.73E-02	2.70E-01	2.66E-01
572	387093.93, 3750223.71	2.58545	10.3218	10.1434	3.91E-02	1.56E-01	1.53E-01	4.58E-02	1.83E-01	1.80E-01	6.80E-02	2.71E-01	2.67E-01
573	387093.93, 3750248.71	2.63299	10.379	10.1802	3.98E-02	1.57E-01	1.54E-01	4.67E-02	1.84E-01	1.80E-01	6.92E-02	2.73E-01	2.68E-01
574	387093.93, 3750273.71	2.64654	10.3377	10.1399	4.00E-02	1.56E-01	1.53E-01	4.69E-02	1.83E-01	1.80E-01	6.96E-02	2.72E-01	2.67E-01
575	387093.93, 3750298.71	2.69062	10.3891	10.1992	4.07E-02	1.57E-01	1.54E-01	4.77E-02	1.84E-01	1.81E-01	7.07E-02	2.73E-01	2.68E-01
576	387093.93, 3750323.71	2.72183	10.3857	10.1973	4.12E-02	1.57E-01	1.54E-01	4.82E-02	1.84E-01	1.81E-01	7.16E-02	2.73E-01	2.68E-01
577	387093.93, 3750348.71	2.75546	10.3771	10.1966	4.17E-02	1.57E-01	1.54E-01	4.88E-02	1.84E-01	1.81E-01	7.24E-02	2.73E-01	2.68E-01
578	387093.93, 3750373.71	2.7973	10.0069	9.83284	4.23E-02	1.51E-01	1.49E-01	4.96E-02	1.77E-01	1.74E-01	7.35E-02	2.63E-01	2.59E-01
579	387093.93, 3750398.71	2.82316	10.1443	10.0024	4.27E-02	1.53E-01	1.51E-01	5.00E-02	1.80E-01	1.77E-01	7.42E-02	2.67E-01	2.63E-01
580	387093.93, 3750423.71	2.85148	10.3794	10.2434	4.31E-02	1.57E-01	1.55E-01	5.05E-02	1.84E-01	1.82E-01	7.50E-02	2.73E-01	2.69E-01
581	387093.93, 3750448.71	2.87114	10.612	10.5128	4.34E-02	1.60E-01	1.59E-01	5.09E-02	1.88E-01	1.86E-01	7.55E-02	2.79E-01	2.76E-01
582	387093.93, 3750473.71	2.91936	10.8157	10.7121	4.41E-02	1.64E-01	1.62E-01	5.17E-02	1.92E-01	1.90E-01	7.68E-02	2.84E-01	2.82E-01
583	387093.93, 3750498.71	2.94142	10.9825	10.8987	4.45E-02	1.66E-01	1.65E-01	5.21E-02	1.95E-01	1.93E-01	7.73E-02	2.89E-01	2.87E-01
584	387093.93, 3750523.71	2.96519	11.3701	11.2001	4.48E-02	1.72E-01	1.69E-01	5.25E-02	2.01E-01	1.98E-01	7.80E-02	2.99E-01	2.94E-01
585	387093.93, 3750548.71	2.993	11.7329	11.553	4.53E-02	1.77E-01	1.75E-01	5.30E-02	2.08E-01	2.05E-01	7.87E-02	3.08E-01	3.04E-01
586	387093.93, 3750573.71	3.02438	11.8395	11.6439	4.57E-02	1.79E-01	1.76E-01	5.36E-02	2.10E-01	2.06E-01	7.95E-02	3.11E-01	3.06E-01
587	387093.93, 3750598.71	3.06171	11.9606	11.7467	4.63E-02	1.81E-01	1.78E-01	5.43E-02	2.12E-01	2.08E-01	8.05E-02	3.14E-01	3.09E-01
588	387093.93, 3750623.71	3.09939	12.0716	11.8465	4.69E-02	1.83E-01	1.79E-01	5.49E-02	2.14E-01	2.10E-01	8.15E-02	3.17E-01	3.11E-01
589	387093.93, 3750648.71	3.13985	12.1862	11.955	4.75E-02	1.84E-01	1.81E-01	5.56E-02	2.16E-01	2.12E-01	8.25E-02	3.20E-01	3.14E-01
590	387093.93, 3750673.71	3.18059	12.305	12.0667	4.81E-02	1.86E-01	1.82E-01	5.64E-02	2.18E-01	2.14E-01	8.36E-02	3.23E-01	3.17E-01
591	387093.93, 3750698.71	3.21957	12.4293	12.1956	4.87E-02	1.88E-01	1.84E-01	5.70E-02	2.20E-01	2.16E-01	8.46E-02	3.27E-01	3.21E-01
592	387093.93, 3750723.71	3.26781	12.5782	12.3503	4.94E-02	1.90E-01	1.87E-01	5.79E-02	2.23E-01	2.19E-01	8.59E-02	3.31E-01	3.25E-01
593	387093.93, 3750748.71	3.31708	12.729	12.4957	5.02E-02	1.92E-01	1.89E-01	5.88E-02	2.26E-01	2.21E-01	8.72E-02	3.35E-01	3.29E-01
594	387093.93, 3750773.71	3.38954	12.6802	12.4271	5.13E-02	1.92E-01	1.88E-01	6.01E-02	2.25E-01	2.20E-01	8.91E-02	3.33E-01	3.27E-01
595	387093.93, 3750798.71	3.41822	13.0637	12.7963	5.17E-02	1.98E-01	1.93E-01	6.06E-02	2.31E-01	2.27E-01	8.99E-02	3.43E-01	3.36E-01
596	387093.93, 3750823.71	3.47368	13.2229	12.9945	5.25E-02	2.00E-01	1.96E-01	6.16E-02	2.34E-01	2.30E-01	9.13E-02	3.48E-01	3.42E-01
597	387093.93, 3750848.71	3.51264	13.3601	13.1384	5.31E-02	2.02E-01	1.99E-01	6.22E-02	2.37E-01	2.33E-01	9.23E-02	3.51E-01	3.45E-01
598	387093.93, 3750873.71	3.56725	13.5773	13.3108	5.39E-02	2.05E-01	2.01E-01	6.32E-02	2.41E-01	2.36E-01	9.38E-02	3.57E-01	3.50E-01
599	387093.93, 3750898.71	3.66558	13.4702	13.1292	5.54E-02	2.04E-01	1.99E-01	6.50E-02	2.39E-01	2.33E-01	9.64E-02	3.54E-01	3.45E-01
600	387093.93, 3750923.71	3.65341	13.6222	13.2319	5.52E-02	2.06E-01	2.00E-01	6.47E-02	2.41E-01	2.34E-01	9.60E-02	3.58E-01	3.48E-01
601	387093.93, 3750948.71	3.72027	13.5201	13.2332	5.63E-02	2.04E-01	2.00E-01	6.59E-02	2.40E-01	2.34E-01	9.78E-02	3.55E-01	3.48E-01
602	387093.93, 3750973.71	3.78442	13.7084	13.532	5.72E-02	2.07E-01	2.05E-01	6.71E-02	2.43E-01	2.40E-01	9.95E-02	3.60E-01	3.56E-01
603	387093.93, 3750998.71	3.84951	14.0467	13.8442	5.82E-02	2.12E-01	2.09E-01	6.82E-02	2.49E-01	2.45E-01	1.01E-01	3.69E-01	3.64E-01
604	387093.93, 3751023.71	3.91678	14.312	14.0139	5.92E-02	2.16E-01	2.12E-01	6.94E-02	2.54E-01	2.48E-01	1.03E-01	3.76E-01	3.68E-01
605	387093.93, 3751048.71	3.98909	14.3103	13.9455	6.03E-02	2.16E-01	2.11E-01	7.07E-02	2.54E-01	2.47E-01	1.05E-01	3.76E-01	3.67E-01
606	387093.93, 3751073.71	4.05644	14.4348	14.085	6.13E-02	2.18E-01	2.13E-01	7.19E-02	2.56E-01	2.50E-01	1.07E-01	3.79E-01	3.70E-01
607	387093.93, 3751098.71	4.11669	14.7651	14.4756	6.22E-02	2.23E-01	2.19E-01	7.29E-02	2.62E-01	2.57E-01	1.08E-01	3.88E-01	3.81E-01
608	387093.93, 3751123.71	4.1214	15.2294	14.9862	6.23E-02	2.30E-01	2.27E-01	7.30E-02	2.70E-01	2.66E-01	1.08E-01	4.00E-01	3.94E-01
609	387093.93, 3751148.71	4.20654	15.59	15.3207	6.36E-02	2.36E-01	2.32E-01	7.45E-02	2.76E-01	2.71E-01	1.11E-01	4.10E-01	4.03E-01
610	387093.93, 3751173.71	4.32264	15.9151	15.562	6.54E-02	2.41E-01	2.35E-01	7.66E-02	2.82E-01	2.76E-01	1.14E-01	4.18E-01	4.09E-01
611	387093.93, 3751198.71	4.37209	16.1525	15.747	6.61E-02	2.44E-01	2.38E-01	7.75E-02	2.86E-01	2.79E-01	1.15E-01	4.25E-01	4.14E-01

612	387093.93, 3751223.71	4.49241	16.3727	15.9794	6.79E-02	2.48E-01	2.42E-01	7.96E-02	2.90E-01	2.83E-01	1.18E-01	4.30E-01	4.20E-01
613	387093.93, 3751248.71	4.58518	16.5516	16.1314	6.93E-02	2.50E-01	2.44E-01	8.12E-02	2.93E-01	2.86E-01	1.21E-01	4.35E-01	4.24E-01
614	387093.93, 3751273.71	4.68119	16.7412	16.2584	7.08E-02	2.53E-01	2.46E-01	8.29E-02	2.97E-01	2.88E-01	1.23E-01	4.40E-01	4.27E-01
615	387093.93, 3751298.71	4.78263	16.9825	16.3591	7.23E-02	2.57E-01	2.47E-01	8.47E-02	3.01E-01	2.90E-01	1.26E-01	4.46E-01	4.30E-01
616	387093.93, 3751323.71	4.85121	17.2799	16.4123	7.34E-02	2.61E-01	2.48E-01	8.60E-02	3.06E-01	2.91E-01	1.28E-01	4.54E-01	4.31E-01
617	387093.93, 3751348.71	4.94966	17.6269	16.9846	7.48E-02	2.67E-01	2.57E-01	8.77E-02	3.12E-01	3.01E-01	1.30E-01	4.63E-01	4.47E-01
618	387093.93, 3751373.71	5.05169	18	17.3857	7.64E-02	2.72E-01	2.63E-01	8.95E-02	3.19E-01	3.08E-01	1.33E-01	4.73E-01	4.57E-01
619	387093.93, 3751398.71	5.17757	18.4327	17.8732	7.83E-02	2.79E-01	2.70E-01	9.17E-02	3.27E-01	3.17E-01	1.36E-01	4.85E-01	4.70E-01
620	387093.93, 3751423.71	5.2335	18.8374	18.3024	7.91E-02	2.85E-01	2.77E-01	9.27E-02	3.34E-01	3.24E-01	1.38E-01	4.95E-01	4.81E-01
621	387093.93, 3751448.71	5.27819	19.1138	18.4031	7.98E-02	2.89E-01	2.78E-01	9.35E-02	3.39E-01	3.26E-01	1.39E-01	5.03E-01	4.84E-01
622	387093.93, 3751473.71	5.433	19.6192	18.8559	8.21E-02	2.97E-01	2.85E-01	9.63E-02	3.48E-01	3.34E-01	1.43E-01	5.16E-01	4.96E-01
623	387093.93, 3751498.71	5.60216	20.1862	19.3113	8.47E-02	3.05E-01	2.92E-01	9.93E-02	3.58E-01	3.42E-01	1.47E-01	5.31E-01	5.08E-01
624	387093.93, 3751523.71	5.93979	21.0411	19.9814	8.98E-02	3.18E-01	3.02E-01	1.05E-01	3.73E-01	3.54E-01	1.56E-01	5.53E-01	5.25E-01
625	387093.93, 3751548.71	6.06708	21.5779	20.4822	9.17E-02	3.26E-01	3.10E-01	1.08E-01	3.82E-01	3.63E-01	1.60E-01	5.67E-01	5.38E-01
626	387093.93, 3751573.71	6.24086	22.2052	21.07	9.44E-02	3.36E-01	3.19E-01	1.11E-01	3.93E-01	3.73E-01	1.64E-01	5.84E-01	5.54E-01
627	387093.93, 3751598.71	6.38422	22.7638	21.6153	9.65E-02	3.44E-01	3.27E-01	1.13E-01	4.03E-01	3.83E-01	1.68E-01	5.98E-01	5.68E-01
628	387093.93, 3751623.71	6.55394	23.418	22.2364	9.91E-02	3.54E-01	3.36E-01	1.16E-01	4.15E-01	3.94E-01	1.72E-01	6.16E-01	5.85E-01
629	387093.93, 3751648.71	6.70886	24.0767	22.88	1.01E-01	3.64E-01	3.46E-01	1.19E-01	4.27E-01	4.05E-01	1.76E-01	6.33E-01	6.02E-01
630	387093.93, 3751673.71	6.9211	24.9043	23.6826	1.05E-01	3.77E-01	3.58E-01	1.23E-01	4.41E-01	4.20E-01	1.82E-01	6.55E-01	6.23E-01
631	387093.93, 3751698.71	7.01952	25.5196	24.2723	1.06E-01	3.86E-01	3.67E-01	1.24E-01	4.52E-01	4.30E-01	1.85E-01	6.71E-01	6.38E-01
632	387093.93, 3751723.71	7.18371	26.2946	25.0419	1.09E-01	3.98E-01	3.79E-01	1.27E-01	4.66E-01	4.44E-01	1.89E-01	6.91E-01	6.58E-01
633	387093.93, 3751748.71	7.45098	27.3267	26.0706	1.13E-01	4.13E-01	3.94E-01	1.32E-01	4.84E-01	4.62E-01	1.96E-01	7.18E-01	6.85E-01
634	387093.93, 3751773.71	7.63387	28.1755	26.9105	1.15E-01	4.26E-01	4.07E-01	1.35E-01	4.99E-01	4.77E-01	2.01E-01	7.41E-01	7.07E-01
635	387093.93, 3751798.71	7.89518	29.274	28.0085	1.19E-01	4.43E-01	4.24E-01	1.40E-01	5.19E-01	4.96E-01	2.08E-01	7.70E-01	7.36E-01
636	387093.93, 3751823.71	8.13107	30.3268	29.0864	1.23E-01	4.59E-01	4.40E-01	1.44E-01	5.37E-01	5.15E-01	2.14E-01	7.97E-01	7.65E-01
637	387093.93, 3751848.71	8.154	30.7382	29.5282	1.23E-01	4.65E-01	4.46E-01	1.44E-01	5.45E-01	5.23E-01	2.14E-01	8.08E-01	7.76E-01
638	387093.93, 3751873.71	8.05842	30.9084	29.7754	1.22E-01	4.67E-01	4.50E-01	1.43E-01	5.48E-01	5.28E-01	2.12E-01	8.13E-01	7.83E-01
639	387118.93, 3748973.71	1.17035	6.07699	5.87761	1.77E-02	9.19E-02	8.89E-02	2.07E-02	1.08E-01	1.04E-01	3.08E-02	1.60E-01	1.55E-01
640	387118.93, 3748998.71	1.24376	5.51208	5.20564	1.88E-02	8.33E-02	7.87E-02	2.20E-02	9.77E-02	9.22E-02	3.27E-02	1.45E-01	1.37E-01
641	387118.93, 3749023.71	1.31848	4.7038	4.54351	1.99E-02	7.11E-02	6.87E-02	2.34E-02	8.33E-02	8.05E-02	3.47E-02	1.24E-01	1.19E-01
642	387118.93, 3749048.71	1.37895	4.95734	4.79787	2.09E-02	7.50E-02	7.25E-02	2.44E-02	8.78E-02	8.50E-02	3.63E-02	1.30E-01	1.26E-01
643	387118.93, 3749073.71	1.43305	5.12933	4.98645	2.17E-02	7.76E-02	7.54E-02	2.54E-02	9.09E-02	8.84E-02	3.77E-02	1.35E-01	1.31E-01
644	387118.93, 3749098.71	1.47668	5.20326	5.08649	2.23E-02	7.87E-02	7.69E-02	2.62E-02	9.22E-02	9.01E-02	3.88E-02	1.37E-01	1.34E-01
645	387118.93, 3749123.71	1.51938	5.27706	5.17075	2.30E-02	7.98E-02	7.82E-02	2.69E-02	9.35E-02	9.16E-02	3.99E-02	1.39E-01	1.36E-01
646	387118.93, 3749148.71	1.56305	5.38174	5.25871	2.36E-02	8.14E-02	7.95E-02	2.77E-02	9.54E-02	9.32E-02	4.11E-02	1.41E-01	1.38E-01
647	387118.93, 3749173.71	1.60716	5.49853	5.35043	2.43E-02	8.31E-02	8.09E-02	2.85E-02	9.74E-02	9.48E-02	4.23E-02	1.45E-01	1.41E-01
648	387118.93, 3749198.71	1.64612	5.60173	5.41526	2.49E-02	8.47E-02	8.19E-02	2.92E-02	9.93E-02	9.60E-02	4.33E-02	1.47E-01	1.42E-01
649	387118.93, 3749223.71	1.68052	5.69117	5.49449	2.54E-02	8.61E-02	8.31E-02	2.98E-02	1.01E-01	9.74E-02	4.42E-02	1.50E-01	1.44E-01
650	387118.93, 3749248.71	1.71681	5.81712	5.5775	2.60E-02	8.80E-02	8.43E-02	3.04E-02	1.03E-01	9.88E-02	4.51E-02	1.53E-01	1.47E-01
651	387118.93, 3749273.71	1.75341	5.94292	5.67513	2.65E-02	8.99E-02	8.58E-02	3.11E-02	1.05E-01	1.01E-01	4.61E-02	1.56E-01	1.49E-01
652	387118.93, 3749298.71	1.79084	6.06594	5.78781	2.71E-02	9.17E-02	8.75E-02	3.17E-02	1.07E-01	1.03E-01	4.71E-02	1.59E-01	1.52E-01
653	387118.93, 3749323.71	1.82546	6.18539	5.89581	2.76E-02	9.35E-02	8.91E-02	3.23E-02	1.10E-01	1.04E-01	4.80E-02	1.63E-01	1.55E-01
654	387118.93, 3749348.71	1.86142	6.30309	6.01221	2.81E-02	9.53E-02	9.09E-02	3.30E-02	1.12E-01	1.07E-01	4.89E-02	1.66E-01	1.58E-01
655	387118.93, 3749373.71	1.90507	6.42384	6.12611	2.88E-02	9.71E-02	9.26E-02	3.38E-02	1.14E-01	1.09E-01	5.01E-02	1.69E-01	1.61E-01
656	387118.93, 3749398.71	1.93826	6.53728	6.23299	2.93E-02	9.88E-02	9.42E-02	3.43E-02	1.16E-01	1.10E-01	5.10E-02	1.72E-01	1.64E-01
657	387118.93, 3749423.71	1.96884	6.64682	6.3366	2.98E-02	1.01E-01	9.58E-02	3.49E-02	1.18E-01	1.12E-01	5.18E-02	1.75E-01	1.67E-01
658	387118.93, 3749448.71	1.99501	6.79739	6.50517	3.02E-02	1.03E-01	9.84E-02	3.54E-02	1.20E-01	1.15E-01	5.24E-02	1.79E-01	1.71E-01
659	387118.93, 3749473.71	2.01694	6.93957	6.68421	3.05E-02	1.05E-01	1.01E-01	3.57E-02	1.23E-01	1.18E-01	5.30E-02	1.82E-01	1.76E-01
660	387118.93, 3749498.71	2.03854	7.19218	6.98667	3.08E-02	1.09E-01	1.06E-01	3.61E-02	1.27E-01	1.24E-01	5.36E-02	1.89E-01	1.84E-01
661	387118.93, 3749523.71	2.07765	7.21072	7.03691	3.14E-02	1.09E-01	1.06E-01	3.68E-02	1.28E-01	1.25E-01	5.46E-02	1.90E-01	1.85E-01
662	387118.93, 3749548.71	2.11179	7.30915	7.16545	3.19E-02	1.11E-01	1.08E-01	3.74E-02	1.30E-01	1.27E-01	5.55E-02	1.92E-01	1.88E-01
663	387118.93, 3749573.71	2.13924	7.39522	7.24051	3.23E-02	1.12E-01	1.09E-01	3.79E-02	1.31E-01	1.28E-01	5.62E-02	1.94E-01	1.90E-01
664	387118.93, 3749598.71	2.15549	7.80708	7.6845	3.26E-02	1.18E-01	1.16E-01	3.82E-02	1.38E-01	1.36E-01	5.67E-02	2.05E-01	2.02E-01
665	387118.93, 3749623.71	2.18533	7.89394	7.78331	3.30E-02	1.19E-01	1.18E-01	3.87E-02	1.40E-01	1.38E-01	5.75E-02	2.08E-01	2.05E-01
666	387118.93, 3749648.71	2.22238	7.77496	7.63534	3.36E-02	1.18E-01	1.15E-01	3.94E-02	1.38E-01	1.35E-01	5.84E-02	2.04E-01	2.01E-01
667	387118.93, 3749673.71	2.24206	8.16344	8.04991	3.39E-02	1.23E-01	1.22E-01	3.97E-02	1.45E-01	1.43E-01	5.89E-02	2.15E-01	2.12E-01
668	387118.93, 3749698.71	2.26319	8.37513	8.26972	3.42E-02	1.27E-01	1.25E-01	4.01E-02	1.48E-01	1.47E-01	5.95E-02	2.20E-01	2.17E-01
669	387118.93, 3749723.71	2.29078	8.6143	8.50169	3.46E-02	1.30E-01	1.29E-01	4.06E-02	1.53E-01	1.51E-01	6.02E-02	2.26E-01	2.24E-01
670	387118.93, 3749748.71	2.31813	8.80936	8.71642	3.51E-02	1.33E-01	1.32E-01	4.11E-02	1.56E-01	1.54E-01	6.09E-02	2.32E-01	2.29E-01
671	387118.93, 3749773.71	2.34438	8.98344	8.89032	3.54E-02	1.36E-01	1.34E-01	4.15E-02	1.59E-01	1.58E-01	6.16E-02	2.36E-01	2.34E-01
672	387118.93, 3749798.71	2.3712	9.13103	9.03924	3.59E-02	1.38E-01	1.37E-01	4.20E-02	1.62E-01	1.60E-01	6.23E-02	2.40E-01	2.38E-01
673	387118.93, 3749823.71	2.39333	9.37455	9.29531	3.62E-02	1.42E-01	1.41E-01	4.24E-02	1.66E-01	1.65E-01	6.29E-02	2.46E-01	2.44E-01
674	387118.93, 3749848.71	2.4066	9.50369	9.41106	3.64E-02	1.44E-01	1.42E-01	4.26E-02	1.68E-01	1.67E-01	6.33E-02	2.50E-01	2.47E-01
675	387118.93, 3749873.71	2.43121	9.62977	9.52445	3.68E-02	1.46E-01	1.44E-01	4.31E-02	1.71E-01	1.69E-01	6.39E-02	2.53E-01	2.50E-01
676	387118.93, 3749898.71	2.46642	9.69345	9.59224	3.73E-02	1.47E-01	1.45E-01	4.37E-02	1.72E-01	1.70E-01	6.48E-02	2.55E-01	2.52E-01
677	387118.93, 3749923.71	2.50513	9.72819	9.61651	3.79E-02	1.47E-01	1.45E-01	4.44E-02	1.72E-01	1.70E-01	6.59E-02	2.56E-01	2.53E-01
678	387118.93, 3749948.71	2.51822	9.916	9.80064	3.81E-02	1.50E-01	1.48E-01	4.46E-02	1.76E-01	1.74E-01	6.62E-02	2.61E-01	2.58E-01
679	387118.93, 3749973.71	2.54385	10.0216	9.90788	3.85E-02	1.52E-01	1.50E-01	4.51E-02	1.78E-01	1.76E-01	6.69E-02	2.63E-01	2.60E-01
680	387118.93, 3749998.71	2.56684	10.3241	10.1799	3.88E-02	1.56E-01	1.54E-01	4.55E-02	1.83E-01	1.80E-01	6.75E-02	2.71E-01	2.68E-01
681	387118.93, 3750023.71	2.60117	10.2794	10.1678	3.93E-02	1.55E-01	1.54E-01	4.61E-02	1.82E-01	1.80E-01	6.84E-02	2.70E-01	2.67E-01
682	387118.93, 3750048.71	2.62199	10.5171	10.3505	3.96E-02	1.59E-01	1.57E-01	4.65E-02	1.86E-01	1.83E-01	6.89E-02	2.76E-01	2.72E-01
683	387118.93, 3750073.71	2.6603	10.5267	10.3781	4.02E-02	1.59E-01	1.57E-01	4.71E-02	1.87E-01	1.84E-01	6.99E-02	2.77E-01	2.73E-01
684	387118.93, 3750098.71	2.69394	10.6077	10.4423	4.07E-02	1.60E-01	1.58E-01	4.77E-02	1.88E-01	1.85E-01	7.08E-02	2.79E-01	2.75E-01
685	387118.93, 3750123.71	2.72695	10.715	10.5623	4.12E-02	1.62E-01	1.60E-01	4.83E-02	1.90E-01	1.87E-01	7.17E-02	2.82E-01	2.78E-01
686	387118.93, 3750148.71	2.76952	10.8708	10.7228	4.19E-02	1.64E-01	1.62E-01	4.91E-02	1.93E-01	1.90E-01	7.28E-02	2.86E-01	2.82E-01
687	387118.93, 3750173.71	2.78553	10.9834	10.824	4.21E-02	1.66E-01	1.64E-01	4.94E-02	1.95E-01	1.92E-01	7.32E-02	2.89E-01	2.85E-01
688	387118.93, 3750198.71	2.82357	11.0894	10.9024	4.27E-02	1.68E-01	1.65E-01	5.00E-02	1.96E-01	1.93E-01	7.42E-02	2.92E-01	2.87E-01

689	387118.93, 3750223.71	2.86819	11.1748	10.9666	4.34E-02	1.69E-01	1.66E-01	5.08E-02	1.98E-01	1.94E-01	7.54E-02	2.94E-01	2.88E-01
690	387118.93, 3750248.71	2.92378	11.1428	10.9407	4.42E-02	1.68E-01	1.65E-01	5.18E-02	1.97E-01	1.94E-01	7.69E-02	2.93E-01	2.88E-01
691	387118.93, 3750273.71	2.94179	11.2062	10.9843	4.45E-02	1.69E-01	1.66E-01	5.21E-02	1.99E-01	1.95E-01	7.73E-02	2.95E-01	2.89E-01
692	387118.93, 3750298.71	2.98207	11.2147	10.998	4.51E-02	1.70E-01	1.66E-01	5.28E-02	1.99E-01	1.95E-01	7.84E-02	2.95E-01	2.89E-01
693	387118.93, 3750323.71	3.02141	11.2206	11.0072	4.57E-02	1.70E-01	1.66E-01	5.35E-02	1.99E-01	1.95E-01	7.94E-02	2.95E-01	2.89E-01
694	387118.93, 3750348.71	3.06134	11.2236	11.0212	4.63E-02	1.70E-01	1.67E-01	5.42E-02	1.99E-01	1.95E-01	8.05E-02	2.95E-01	2.90E-01
695	387118.93, 3750373.71	3.11537	10.9666	10.6726	4.71E-02	1.66E-01	1.61E-01	5.52E-02	1.94E-01	1.89E-01	8.19E-02	2.88E-01	2.81E-01
696	387118.93, 3750398.71	3.15728	11.0874	10.8109	4.77E-02	1.68E-01	1.63E-01	5.59E-02	1.96E-01	1.92E-01	8.30E-02	2.91E-01	2.84E-01
697	387118.93, 3750423.71	3.1676	11.4369	11.3242	4.79E-02	1.73E-01	1.71E-01	5.61E-02	2.03E-01	2.01E-01	8.33E-02	3.01E-01	2.98E-01
698	387118.93, 3750448.71	3.1996	11.6074	11.4797	4.84E-02	1.76E-01	1.74E-01	5.67E-02	2.06E-01	2.03E-01	8.41E-02	3.05E-01	3.02E-01
699	387118.93, 3750473.71	3.26559	11.8367	11.7271	4.94E-02	1.79E-01	1.77E-01	5.79E-02	2.10E-01	2.08E-01	8.59E-02	3.11E-01	3.08E-01
700	387118.93, 3750498.71	3.29887	12.0299	11.9359	4.99E-02	1.82E-01	1.80E-01	5.85E-02	2.13E-01	2.11E-01	8.67E-02	3.16E-01	3.14E-01
701	387118.93, 3750523.71	3.3237	12.4276	12.2319	5.03E-02	1.88E-01	1.85E-01	5.89E-02	2.20E-01	2.17E-01	8.74E-02	3.27E-01	3.22E-01
702	387118.93, 3750548.71	3.34947	12.8105	12.5886	5.06E-02	1.94E-01	1.90E-01	5.94E-02	2.27E-01	2.23E-01	8.81E-02	3.37E-01	3.31E-01
703	387118.93, 3750573.71	3.39488	12.9759	12.7296	5.13E-02	1.96E-01	1.92E-01	6.02E-02	2.30E-01	2.26E-01	8.93E-02	3.41E-01	3.35E-01
704	387118.93, 3750598.71	3.46173	13.1781	12.9143	5.23E-02	1.99E-01	1.95E-01	6.13E-02	2.34E-01	2.29E-01	9.10E-02	3.46E-01	3.40E-01
705	387118.93, 3750623.71	3.49729	13.2441	12.9754	5.29E-02	2.00E-01	1.96E-01	6.20E-02	2.35E-01	2.30E-01	9.19E-02	3.48E-01	3.41E-01
706	387118.93, 3750648.71	3.56668	13.4701	13.2017	5.39E-02	2.04E-01	2.00E-01	6.32E-02	2.39E-01	2.34E-01	9.38E-02	3.54E-01	3.47E-01
707	387118.93, 3750673.71	3.6309	13.3764	13.0472	5.49E-02	2.02E-01	1.97E-01	6.43E-02	2.37E-01	2.31E-01	9.55E-02	3.52E-01	3.43E-01
708	387118.93, 3750698.71	3.64352	13.7076	13.4029	5.51E-02	2.07E-01	2.03E-01	6.46E-02	2.43E-01	2.37E-01	9.58E-02	3.60E-01	3.52E-01
709	387118.93, 3750723.71	3.71678	13.8998	13.6035	5.62E-02	2.10E-01	2.06E-01	6.59E-02	2.46E-01	2.41E-01	9.77E-02	3.65E-01	3.58E-01
710	387118.93, 3750748.71	3.79613	14.142	13.8585	5.74E-02	2.14E-01	2.10E-01	6.73E-02	2.51E-01	2.46E-01	9.98E-02	3.72E-01	3.64E-01
711	387118.93, 3750773.71	3.89733	14.1731	13.8901	5.89E-02	2.14E-01	2.10E-01	6.91E-02	2.51E-01	2.46E-01	1.02E-01	3.73E-01	3.65E-01
712	387118.93, 3750798.71	3.90414	14.4434	14.1103	5.90E-02	2.18E-01	2.13E-01	6.92E-02	2.56E-01	2.50E-01	1.03E-01	3.80E-01	3.71E-01
713	387118.93, 3750823.71	3.94468	14.6046	14.3323	5.96E-02	2.21E-01	2.17E-01	6.99E-02	2.59E-01	2.54E-01	1.04E-01	3.84E-01	3.77E-01
714	387118.93, 3750848.71	4.01682	14.933	14.6595	6.07E-02	2.26E-01	2.22E-01	7.12E-02	2.65E-01	2.60E-01	1.06E-01	3.93E-01	3.85E-01
715	387118.93, 3750873.71	4.10955	15.2541	14.9159	6.21E-02	2.31E-01	2.26E-01	7.28E-02	2.70E-01	2.64E-01	1.08E-01	4.01E-01	3.92E-01
716	387118.93, 3750898.71	4.25671	15.2024	14.7745	6.44E-02	2.30E-01	2.23E-01	7.54E-02	2.69E-01	2.62E-01	1.12E-01	4.00E-01	3.88E-01
717	387118.93, 3750923.71	4.25009	15.2655	14.7337	6.43E-02	2.31E-01	2.23E-01	7.53E-02	2.70E-01	2.61E-01	1.12E-01	4.01E-01	3.87E-01
718	387118.93, 3750948.71	4.34792	15.4394	15.0169	6.57E-02	2.33E-01	2.27E-01	7.70E-02	2.74E-01	2.66E-01	1.14E-01	4.06E-01	3.95E-01
719	387118.93, 3750973.71	4.46294	15.8361	15.4029	6.75E-02	2.39E-01	2.33E-01	7.91E-02	2.81E-01	2.73E-01	1.17E-01	4.16E-01	4.05E-01
720	387118.93, 3750998.71	4.59901	16.2449	15.9177	6.95E-02	2.46E-01	2.41E-01	8.15E-02	2.88E-01	2.82E-01	1.21E-01	4.27E-01	4.18E-01
721	387118.93, 3751023.71	4.6204	16.4987	16.0304	6.99E-02	2.49E-01	2.42E-01	8.19E-02	2.92E-01	2.84E-01	1.21E-01	4.34E-01	4.21E-01
722	387118.93, 3751048.71	4.74693	16.7347	16.0557	7.18E-02	2.53E-01	2.43E-01	8.41E-02	2.97E-01	2.85E-01	1.25E-01	4.40E-01	4.22E-01
723	387118.93, 3751073.71	4.84939	17.0823	16.3803	7.33E-02	2.58E-01	2.48E-01	8.59E-02	3.03E-01	2.90E-01	1.27E-01	4.49E-01	4.31E-01
724	387118.93, 3751098.71	4.88065	17.3507	16.7529	7.38E-02	2.62E-01	2.53E-01	8.65E-02	3.07E-01	2.97E-01	1.28E-01	4.56E-01	4.40E-01
725	387118.93, 3751123.71	4.92193	17.6957	17.2708	7.44E-02	2.68E-01	2.61E-01	8.72E-02	3.14E-01	3.06E-01	1.29E-01	4.65E-01	4.54E-01
726	387118.93, 3751148.71	5.03603	18.1316	17.6791	7.61E-02	2.74E-01	2.67E-01	8.92E-02	3.21E-01	3.13E-01	1.32E-01	4.77E-01	4.65E-01
727	387118.93, 3751173.71	5.21189	18.6617	18.134	7.88E-02	2.82E-01	2.74E-01	9.24E-02	3.31E-01	3.21E-01	1.37E-01	4.91E-01	4.77E-01
728	387118.93, 3751198.71	5.27216	18.9178	18.2129	7.97E-02	2.86E-01	2.75E-01	9.34E-02	3.35E-01	3.23E-01	1.39E-01	4.97E-01	4.79E-01
729	387118.93, 3751223.71	5.48007	19.5124	18.7456	8.29E-02	2.95E-01	2.83E-01	9.71E-02	3.46E-01	3.32E-01	1.44E-01	5.13E-01	4.93E-01
730	387118.93, 3751248.71	5.59942	19.9801	19.0441	8.47E-02	3.02E-01	2.88E-01	9.92E-02	3.54E-01	3.37E-01	1.47E-01	5.25E-01	5.01E-01
731	387118.93, 3751273.71	5.77666	20.5626	19.4874	8.73E-02	3.11E-01	2.95E-01	1.02E-01	3.64E-01	3.45E-01	1.52E-01	5.41E-01	5.12E-01
732	387118.93, 3751298.71	5.96069	21.1891	20.0702	9.01E-02	3.20E-01	3.03E-01	1.06E-01	3.75E-01	3.56E-01	1.57E-01	5.57E-01	5.28E-01
733	387118.93, 3751323.71	5.94572	21.4617	20.3556	8.99E-02	3.25E-01	3.08E-01	1.05E-01	3.80E-01	3.61E-01	1.56E-01	5.64E-01	5.35E-01
734	387118.93, 3751348.71	6.16318	22.1803	21.0581	9.32E-02	3.35E-01	3.18E-01	1.09E-01	3.93E-01	3.73E-01	1.62E-01	5.83E-01	5.54E-01
735	387118.93, 3751373.71	6.34136	22.8569	21.696	9.59E-02	3.46E-01	3.28E-01	1.12E-01	4.05E-01	3.84E-01	1.67E-01	6.01E-01	5.70E-01
736	387118.93, 3751398.71	6.60816	23.7193	22.5245	9.99E-02	3.59E-01	3.41E-01	1.17E-01	4.20E-01	3.99E-01	1.74E-01	6.24E-01	5.92E-01
737	387118.93, 3751423.71	6.86322	24.6091	23.3668	1.04E-01	3.72E-01	3.53E-01	1.22E-01	4.36E-01	4.14E-01	1.80E-01	6.47E-01	6.14E-01
738	387118.93, 3751448.71	6.91449	25.1674	23.9188	1.05E-01	3.81E-01	3.62E-01	1.23E-01	4.46E-01	4.24E-01	1.82E-01	6.62E-01	6.29E-01
739	387118.93, 3751473.71	7.18143	26.1752	24.8843	1.09E-01	3.96E-01	3.76E-01	1.27E-01	4.64E-01	4.41E-01	1.89E-01	6.88E-01	6.54E-01
740	387118.93, 3751498.71	7.48019	27.2742	25.9367	1.13E-01	4.12E-01	3.92E-01	1.33E-01	4.83E-01	4.60E-01	1.97E-01	7.17E-01	6.82E-01
741	387118.93, 3751523.71	8.03719	28.8986	27.4988	1.22E-01	4.37E-01	4.16E-01	1.42E-01	5.12E-01	4.87E-01	2.11E-01	7.60E-01	7.23E-01
742	387118.93, 3751548.71	8.4619	30.4316	29.0053	1.28E-01	4.60E-01	4.39E-01	1.50E-01	5.39E-01	5.14E-01	2.22E-01	8.00E-01	7.63E-01
743	387118.93, 3751573.71	8.85138	31.838	30.398	1.34E-01	4.81E-01	4.60E-01	1.57E-01	5.64E-01	5.39E-01	2.33E-01	8.37E-01	7.99E-01
744	387118.93, 3751598.71	9.12221	33.1428	31.688	1.38E-01	5.01E-01	4.79E-01	1.62E-01	5.87E-01	5.61E-01	2.40E-01	8.71E-01	8.33E-01
745	387118.93, 3751623.71	9.5773	35.0094	33.5697	1.45E-01	5.29E-01	5.08E-01	1.70E-01	6.20E-01	5.95E-01	2.52E-01	9.20E-01	8.83E-01
746	387118.93, 3751648.71	9.80148	36.2529	34.7909	1.48E-01	5.48E-01	5.26E-01	1.74E-01	6.42E-01	6.16E-01	2.58E-01	9.53E-01	9.15E-01
747	387118.93, 3751673.71	10.2986	38.5323	37.0687	1.56E-01	5.83E-01	5.60E-01	1.82E-01	6.83E-01	6.57E-01	2.71E-01	1.01E+00	9.75E-01
748	387118.93, 3751698.71	11.0167	41.49	40.0914	1.67E-01	6.27E-01	6.06E-01	1.95E-01	7.35E-01	7.10E-01	2.90E-01	1.09E+00	1.05E+00
749	387118.93, 3751723.71	11.4135	43.5619	42.059	1.73E-01	6.59E-01	6.36E-01	2.02E-01	7.72E-01	7.45E-01	3.00E-01	1.15E+00	1.11E+00
750	387118.93, 3751748.71	19.9611	63.7619	62.8136	3.02E-01	9.64E-01	9.50E-01	3.54E-01	1.13E+00	1.11E+00	5.25E-01	1.68E+00	1.65E+00
751	387143.93, 3748973.71	1.28385	5.35191	5.0085	1.94E-02	8.09E-02	7.57E-02	2.27E-02	9.48E-02	8.87E-02	3.38E-02	1.41E-01	1.32E-01
752	387143.93, 3748998.71	1.35919	4.77874	4.60693	2.06E-02	7.23E-02	6.97E-02	2.41E-02	8.47E-02	8.16E-02	3.57E-02	1.26E-01	1.21E-01
753	387143.93, 3749023.71	1.4275	5.06769	4.89988	2.16E-02	7.66E-02	7.41E-02	2.53E-02	8.98E-02	8.68E-02	3.75E-02	1.33E-01	1.29E-01
754	387143.93, 3749048.71	1.49237	5.30963	5.14489	2.26E-02	8.03E-02	7.78E-02	2.64E-02	9.41E-02	9.12E-02	3.92E-02	1.40E-01	1.35E-01
755	387143.93, 3749073.71	1.55101	5.47546	5.33872	2.35E-02	8.28E-02	8.07E-02	2.75E-02	9.70E-02	9.46E-02	4.08E-02	1.44E-01	1.40E-01
756	387143.93, 3749098.71	1.59977	5.55308	5.44021	2.42E-02	8.40E-02	8.23E-02	2.83E-02	9.84E-02	9.64E-02	4.21E-02	1.46E-01	1.43E-01
757	387143.93, 3749123.71	1.64622	5.64428	5.52127	2.49E-02	8.53E-02	8.35E-02	2.92E-02	1.00E-01	9.78E-02	4.33E-02	1.48E-01	1.45E-01
758	387143.93, 3749148.71	1.69564	5.77854	5.61365	2.56E-02	8.74E-02	8.49E-02	3.00E-02	1.02E-01	9.95E-02	4.46E-02	1.52E-01	1.48E-01
759	387143.93, 3749173.71	1.7434	5.90878	5.71613	2.64E-02	8.93E-02	8.64E-02	3.09E-02	1.05E-01	1.01E-01	4.58E-02	1.55E-01	1.50E-01
760	387143.93, 3749198.71	1.78219	6.00968	5.79543	2.69E-02	9.09E-02	8.76E-02	3.16E-02	1.06E-01	1.03E-01	4.69E-02	1.58E-01	1.52E-01
761	387143.93, 3749223.71	1.82427	6.15522	5.89614	2.76E-02	9.31E-02	8.92E-02	3.23E-02	1.09E-01	1.04E-01	4.80E-02	1.62E-01	1.55E-01
762	387143.93, 3749248.71	1.86368	6.29625	6.00759	2.82E-02	9.52E-02	9.08E-02	3.30E-02	1.12E-01	1.06E-01	4.90E-02	1.66E-01	1.58E-01
763	387143.93, 3749273.71	1.90369	6.43487	6.13369	2.88E-02	9.73E-02	9.27E-02	3.37E-02	1.14E-01	1.09E-01	5.00E-02	1.69E-01	1.61E-01
764	387143.93, 3749298.71	1.94726	6.5727	6.26506	2.94E-02	9.94E-02	9.47E-02	3.45E-02	1.16E-01	1.11E-01	5.12E-02	1.73E-01	1.65E-01
765	387143.93, 3749323.71	1.98779	6.70574	6.39188	3.01E-02	1.01E-01	9.66E-02	3.52E-02	1.19E-01	1.13E-01	5.23E-02	1.76E-01	1.68E-01

766	387143.93, 3749348.71	2.02741	6.83569	6.51577	3.07E-02	1.03E-01	9.85E-02	3.59E-02	1.21E-01	1.15E-01	5.33E-02	1.80E-01	1.71E-01
767	387143.93, 3749373.71	2.07272	6.96835	6.64306	3.13E-02	1.05E-01	1.00E-01	3.67E-02	1.23E-01	1.18E-01	5.45E-02	1.83E-01	1.75E-01
768	387143.93, 3749398.71	2.11082	7.09488	6.76531	3.19E-02	1.07E-01	1.02E-01	3.74E-02	1.26E-01	1.20E-01	5.55E-02	1.87E-01	1.78E-01
769	387143.93, 3749423.71	2.14275	7.21533	6.87831	3.24E-02	1.09E-01	1.04E-01	3.80E-02	1.28E-01	1.22E-01	5.63E-02	1.90E-01	1.81E-01
770	387143.93, 3749448.71	2.17259	7.36346	7.06277	3.29E-02	1.11E-01	1.07E-01	3.85E-02	1.30E-01	1.25E-01	5.71E-02	1.94E-01	1.86E-01
771	387143.93, 3749473.71	2.19535	7.48891	7.18163	3.32E-02	1.13E-01	1.09E-01	3.89E-02	1.33E-01	1.27E-01	5.77E-02	1.97E-01	1.89E-01
772	387143.93, 3749498.71	2.21986	7.71934	7.48006	3.36E-02	1.17E-01	1.13E-01	3.93E-02	1.37E-01	1.33E-01	5.84E-02	2.03E-01	1.97E-01
773	387143.93, 3749523.71	2.2545	7.95254	7.74955	3.41E-02	1.20E-01	1.17E-01	3.99E-02	1.41E-01	1.37E-01	5.93E-02	2.09E-01	2.04E-01
774	387143.93, 3749548.71	2.29643	7.91076	7.71367	3.47E-02	1.20E-01	1.17E-01	4.07E-02	1.40E-01	1.37E-01	6.04E-02	2.08E-01	2.03E-01
775	387143.93, 3749573.71	2.33113	7.98794	7.74864	3.52E-02	1.21E-01	1.17E-01	4.13E-02	1.42E-01	1.37E-01	6.13E-02	2.10E-01	2.04E-01
776	387143.93, 3749598.71	2.35735	8.14458	7.97193	3.56E-02	1.23E-01	1.21E-01	4.18E-02	1.44E-01	1.41E-01	6.20E-02	2.14E-01	2.10E-01
777	387143.93, 3749623.71	2.38727	8.48249	8.38132	3.61E-02	1.28E-01	1.27E-01	4.23E-02	1.50E-01	1.49E-01	6.28E-02	2.23E-01	2.20E-01
778	387143.93, 3749648.71	2.4294	8.38844	8.19761	3.67E-02	1.27E-01	1.24E-01	4.30E-02	1.49E-01	1.45E-01	6.39E-02	2.21E-01	2.16E-01
779	387143.93, 3749673.71	2.45196	8.59978	8.45084	3.71E-02	1.30E-01	1.28E-01	4.34E-02	1.52E-01	1.50E-01	6.45E-02	2.26E-01	2.22E-01
780	387143.93, 3749698.71	2.48153	8.99186	8.86749	3.75E-02	1.36E-01	1.34E-01	4.40E-02	1.59E-01	1.57E-01	6.52E-02	2.36E-01	2.33E-01
781	387143.93, 3749723.71	2.50192	9.23139	9.13195	3.78E-02	1.40E-01	1.38E-01	4.43E-02	1.64E-01	1.62E-01	6.58E-02	2.43E-01	2.40E-01
782	387143.93, 3749748.71	2.54669	9.40063	9.31091	3.85E-02	1.42E-01	1.41E-01	4.51E-02	1.67E-01	1.65E-01	6.70E-02	2.47E-01	2.45E-01
783	387143.93, 3749773.71	2.57052	9.4766	9.39895	3.89E-02	1.43E-01	1.42E-01	4.55E-02	1.68E-01	1.67E-01	6.76E-02	2.49E-01	2.47E-01
784	387143.93, 3749798.71	2.59643	9.8105	9.72259	3.93E-02	1.48E-01	1.47E-01	4.60E-02	1.74E-01	1.72E-01	6.83E-02	2.58E-01	2.56E-01
785	387143.93, 3749823.71	2.62656	9.94586	9.86444	3.97E-02	1.50E-01	1.49E-01	4.65E-02	1.76E-01	1.75E-01	6.91E-02	2.61E-01	2.59E-01
786	387143.93, 3749848.71	2.64929	10.221	10.1264	4.01E-02	1.55E-01	1.53E-01	4.69E-02	1.81E-01	1.79E-01	6.96E-02	2.69E-01	2.66E-01
787	387143.93, 3749873.71	2.68027	10.3707	10.2607	4.05E-02	1.57E-01	1.55E-01	4.75E-02	1.84E-01	1.82E-01	7.05E-02	2.73E-01	2.70E-01
788	387143.93, 3749898.71	2.71544	10.5131	10.3888	4.11E-02	1.59E-01	1.57E-01	4.81E-02	1.86E-01	1.84E-01	7.14E-02	2.76E-01	2.73E-01
789	387143.93, 3749923.71	2.75525	10.2895	10.1927	4.17E-02	1.56E-01	1.54E-01	4.88E-02	1.82E-01	1.81E-01	7.24E-02	2.71E-01	2.68E-01
790	387143.93, 3749948.71	2.7663	10.6898	10.5445	4.18E-02	1.62E-01	1.59E-01	4.90E-02	1.89E-01	1.87E-01	7.27E-02	2.81E-01	2.77E-01
791	387143.93, 3749973.71	2.80273	10.8024	10.688	4.24E-02	1.63E-01	1.62E-01	4.97E-02	1.91E-01	1.89E-01	7.37E-02	2.84E-01	2.81E-01
792	387143.93, 3749998.71	2.83219	10.9467	10.836	4.28E-02	1.66E-01	1.64E-01	5.02E-02	1.94E-01	1.92E-01	7.45E-02	2.88E-01	2.85E-01
793	387143.93, 3750023.71	2.87747	11.154	11.0335	4.35E-02	1.69E-01	1.67E-01	5.10E-02	1.98E-01	1.96E-01	7.56E-02	2.93E-01	2.90E-01
794	387143.93, 3750048.71	2.90259	11.2937	11.1341	4.39E-02	1.71E-01	1.68E-01	5.14E-02	2.00E-01	1.97E-01	7.63E-02	2.97E-01	2.93E-01
795	387143.93, 3750073.71	2.93252	11.444	11.1937	4.43E-02	1.73E-01	1.69E-01	5.20E-02	2.03E-01	1.98E-01	7.71E-02	3.01E-01	2.94E-01
796	387143.93, 3750098.71	2.98599	11.4969	11.3061	4.51E-02	1.74E-01	1.71E-01	5.29E-02	2.04E-01	2.00E-01	7.85E-02	3.02E-01	2.97E-01
797	387143.93, 3750123.71	3.03155	11.6296	11.4749	4.58E-02	1.76E-01	1.74E-01	5.37E-02	2.06E-01	2.03E-01	7.97E-02	3.06E-01	3.02E-01
798	387143.93, 3750148.71	3.08411	11.9104	11.7512	4.66E-02	1.80E-01	1.78E-01	5.46E-02	2.11E-01	2.08E-01	8.11E-02	3.13E-01	3.09E-01
799	387143.93, 3750173.71	3.11458	12.0104	11.8287	4.71E-02	1.82E-01	1.79E-01	5.52E-02	2.13E-01	2.10E-01	8.19E-02	3.16E-01	3.11E-01
800	387143.93, 3750198.71	3.15459	12.112	11.8803	4.77E-02	1.83E-01	1.80E-01	5.59E-02	2.15E-01	2.11E-01	8.29E-02	3.18E-01	3.12E-01
801	387143.93, 3750223.71	3.21873	12.2556	11.9988	4.87E-02	1.85E-01	1.81E-01	5.70E-02	2.17E-01	2.13E-01	8.46E-02	3.22E-01	3.15E-01
802	387143.93, 3750248.71	3.27444	12.1777	11.9371	4.95E-02	1.84E-01	1.80E-01	5.80E-02	2.16E-01	2.12E-01	8.61E-02	3.20E-01	3.14E-01
803	387143.93, 3750273.71	3.29903	12.2012	11.941	4.99E-02	1.84E-01	1.81E-01	5.85E-02	2.16E-01	2.12E-01	8.67E-02	3.21E-01	3.14E-01
804	387143.93, 3750298.71	3.3532	11.9921	11.707	5.07E-02	1.81E-01	1.77E-01	5.94E-02	2.12E-01	2.07E-01	8.82E-02	3.15E-01	3.08E-01
805	387143.93, 3750323.71	3.39507	12.2493	12.0271	5.13E-02	1.85E-01	1.82E-01	6.02E-02	2.17E-01	2.13E-01	8.93E-02	3.22E-01	3.16E-01
806	387143.93, 3750348.71	3.45857	12.0842	11.6663	5.23E-02	1.83E-01	1.76E-01	6.13E-02	2.14E-01	2.07E-01	9.09E-02	3.18E-01	3.07E-01
807	387143.93, 3750373.71	3.52246	12.2422	11.846	5.33E-02	1.85E-01	1.79E-01	6.24E-02	2.17E-01	2.10E-01	9.26E-02	3.22E-01	3.11E-01
808	387143.93, 3750398.71	3.54629	12.5164	12.1603	5.36E-02	1.89E-01	1.84E-01	6.28E-02	2.22E-01	2.15E-01	9.32E-02	3.29E-01	3.20E-01
809	387143.93, 3750423.71	3.57884	12.7197	12.4967	5.41E-02	1.92E-01	1.89E-01	6.34E-02	2.25E-01	2.21E-01	9.41E-02	3.34E-01	3.29E-01
810	387143.93, 3750448.71	3.62607	12.928	12.7207	5.48E-02	1.95E-01	1.92E-01	6.43E-02	2.29E-01	2.25E-01	9.53E-02	3.40E-01	3.34E-01
811	387143.93, 3750473.71	3.71234	13.1133	12.8494	5.61E-02	1.98E-01	1.94E-01	6.58E-02	2.32E-01	2.28E-01	9.76E-02	3.45E-01	3.38E-01
812	387143.93, 3750498.71	3.75495	13.3769	13.2517	5.68E-02	2.02E-01	2.00E-01	6.65E-02	2.37E-01	2.35E-01	9.87E-02	3.52E-01	3.48E-01
813	387143.93, 3750523.71	3.79335	13.7766	13.5656	5.74E-02	2.08E-01	2.05E-01	6.72E-02	2.44E-01	2.40E-01	9.97E-02	3.62E-01	3.57E-01
814	387143.93, 3750548.71	3.8205	14.1979	13.9049	5.78E-02	2.15E-01	2.10E-01	6.77E-02	2.52E-01	2.46E-01	1.00E-01	3.73E-01	3.66E-01
815	387143.93, 3750573.71	3.88023	14.408	14.0996	5.87E-02	2.18E-01	2.13E-01	6.88E-02	2.55E-01	2.50E-01	1.02E-01	3.79E-01	3.71E-01
816	387143.93, 3750598.71	3.98464	14.6002	14.3239	6.02E-02	2.21E-01	2.17E-01	7.06E-02	2.59E-01	2.54E-01	1.05E-01	3.84E-01	3.77E-01
817	387143.93, 3750623.71	4.05733	14.775	14.4663	6.13E-02	2.23E-01	2.19E-01	7.19E-02	2.62E-01	2.56E-01	1.07E-01	3.88E-01	3.80E-01
818	387143.93, 3750648.71	4.12939	14.8833	14.5269	6.24E-02	2.25E-01	2.20E-01	7.32E-02	2.64E-01	2.57E-01	1.09E-01	3.91E-01	3.82E-01
819	387143.93, 3750673.71	4.21305	15.0112	14.6154	6.37E-02	2.27E-01	2.21E-01	7.47E-02	2.66E-01	2.59E-01	1.11E-01	3.95E-01	3.84E-01
820	387143.93, 3750698.71	4.22604	15.3351	15.0253	6.39E-02	2.32E-01	2.27E-01	7.49E-02	2.72E-01	2.66E-01	1.11E-01	4.03E-01	3.95E-01
821	387143.93, 3750723.71	4.33425	15.6522	15.3189	6.55E-02	2.37E-01	2.32E-01	7.68E-02	2.77E-01	2.71E-01	1.14E-01	4.11E-01	4.03E-01
822	387143.93, 3750748.71	4.46391	15.8595	15.4802	6.75E-02	2.40E-01	2.34E-01	7.91E-02	2.81E-01	2.74E-01	1.17E-01	4.17E-01	4.07E-01
823	387143.93, 3750773.71	4.56698	16.1836	15.7481	6.91E-02	2.45E-01	2.38E-01	8.09E-02	2.87E-01	2.79E-01	1.20E-01	4.25E-01	4.14E-01
824	387143.93, 3750798.71	4.61301	16.3284	15.7981	6.98E-02	2.47E-01	2.39E-01	8.17E-02	2.89E-01	2.80E-01	1.21E-01	4.29E-01	4.15E-01
825	387143.93, 3750823.71	4.65462	16.6775	16.3449	7.04E-02	2.52E-01	2.47E-01	8.25E-02	2.96E-01	2.90E-01	1.22E-01	4.38E-01	4.30E-01
826	387143.93, 3750848.71	4.74738	17.1249	16.8164	7.18E-02	2.59E-01	2.54E-01	8.41E-02	3.03E-01	2.98E-01	1.25E-01	4.50E-01	4.42E-01
827	387143.93, 3750873.71	4.88616	17.5369	17.0865	7.39E-02	2.65E-01	2.58E-01	8.66E-02	3.11E-01	3.03E-01	1.28E-01	4.61E-01	4.49E-01
828	387143.93, 3750898.71	5.10133	17.8794	17.1433	7.71E-02	2.70E-01	2.59E-01	9.04E-02	3.17E-01	3.04E-01	1.34E-01	4.70E-01	4.51E-01
829	387143.93, 3750923.71	5.1043	18.1298	17.2069	7.72E-02	2.74E-01	2.60E-01	9.04E-02	3.21E-01	3.05E-01	1.34E-01	4.77E-01	4.52E-01
830	387143.93, 3750948.71	5.2626	18.5997	17.8082	7.96E-02	2.81E-01	2.69E-01	9.33E-02	3.30E-01	3.16E-01	1.38E-01	4.89E-01	4.68E-01
831	387143.93, 3750973.71	5.40761	19.0681	18.2235	8.18E-02	2.88E-01	2.76E-01	9.58E-02	3.38E-01	3.23E-01	1.42E-01	5.01E-01	4.79E-01
832	387143.93, 3750998.71	5.62955	19.6618	18.8135	8.51E-02	2.97E-01	2.84E-01	9.98E-02	3.48E-01	3.33E-01	1.48E-01	5.17E-01	4.95E-01
833	387143.93, 3751023.71	5.7336	20.1362	19.2111	8.67E-02	3.04E-01	2.90E-01	1.02E-01	3.57E-01	3.40E-01	1.51E-01	5.29E-01	5.05E-01
834	387143.93, 3751048.71	5.86856	20.6505	19.5622	8.87E-02	3.12E-01	2.96E-01	1.04E-01	3.66E-01	3.47E-01	1.54E-01	5.43E-01	5.14E-01
835	387143.93, 3751073.71	6.02018	21.1846	20.0952	9.10E-02	3.20E-01	3.04E-01	1.07E-01	3.75E-01	3.56E-01	1.58E-01	5.57E-01	5.28E-01
836	387143.93, 3751098.71	6.06359	21.598	20.4815	9.17E-02	3.27E-01	3.10E-01	1.07E-01	3.83E-01	3.63E-01	1.59E-01	5.68E-01	5.38E-01
837	387143.93, 3751123.71	6.12996	22.0681	20.9465	9.27E-02	3.34E-01	3.17E-01	1.09E-01	3.91E-01	3.71E-01	1.61E-01	5.80E-01	5.51E-01
838	387143.93, 3751148.71	6.33406	22.7996	21.6578	9.58E-02	3.45E-01	3.27E-01	1.12E-01	4.04E-01	3.84E-01	1.67E-01	5.99E-01	5.69E-01
839	387143.93, 3751173.71	6.63909	23.7309	22.528	1.00E-01	3.59E-01	3.41E-01	1.18E-01	4.21E-01	3.99E-01	1.75E-01	6.24E-01	5.92E-01
840	387143.93, 3751198.71	6.75368	24.3576	23.1259	1.02E-01	3.68E-01	3.50E-01	1.20E-01	4.32E-01	4.10E-01	1.78E-01	6.40E-01	6.08E-01
841	387143.93, 3751223.71	7.13478	25.498	24.219	1.08E-01	3.86E-01	3.66E-01	1.26E-01	4.52E-01	4.29E-01	1.88E-01	6.70E-01	6.37E-01
842	387143.93, 3751248.71	7.25294	26.2238	24.9205	1.10E-01	3.97E-01	3.77E-01	1.29E-01	4.65E-01	4.42E-01	1.91E-01	6.89E-01	6.55E-01

843	387143.93, 3751273.71	7.62784	27.4327	26.0884	1.15E-01	4.15E-01	3.94E-01	1.35E-01	4.86E-01	4.62E-01	2.01E-01	7.21E-01	6.86E-01
844	387143.93, 3751298.71	8.01801	28.7648	27.3678	1.21E-01	4.35E-01	4.14E-01	1.42E-01	5.10E-01	4.85E-01	2.11E-01	7.56E-01	7.19E-01
845	387143.93, 3751323.71	8.16275	29.5538	28.1284	1.23E-01	4.47E-01	4.25E-01	1.45E-01	5.24E-01	4.98E-01	2.15E-01	7.77E-01	7.39E-01
846	387143.93, 3751348.71	8.47816	30.8895	29.4444	1.28E-01	4.67E-01	4.45E-01	1.50E-01	5.47E-01	5.22E-01	2.23E-01	8.12E-01	7.74E-01
847	387143.93, 3751373.71	8.91045	32.5227	31.0624	1.35E-01	4.92E-01	4.70E-01	1.58E-01	5.76E-01	5.50E-01	2.34E-01	8.55E-01	8.17E-01
848	387143.93, 3751398.71	9.34311	34.2411	32.7383	1.41E-01	5.18E-01	4.95E-01	1.66E-01	6.07E-01	5.80E-01	2.46E-01	9.00E-01	8.61E-01
849	387143.93, 3751423.71	9.86164	36.3626	34.8666	1.49E-01	5.50E-01	5.27E-01	1.75E-01	6.44E-01	6.18E-01	2.59E-01	9.56E-01	9.17E-01
850	387143.93, 3751448.71	10.3216	38.2554	36.7311	1.56E-01	5.78E-01	5.55E-01	1.83E-01	6.78E-01	6.51E-01	2.71E-01	1.01E+00	9.66E-01
851	387143.93, 3751473.71	10.9442	40.9126	39.3756	1.65E-01	6.19E-01	5.95E-01	1.94E-01	7.25E-01	6.98E-01	2.88E-01	1.08E+00	1.04E+00
852	387143.93, 3751498.71	14.3767	49.9294	48.6923	2.17E-01	7.55E-01	7.36E-01	2.55E-01	8.85E-01	8.63E-01	3.78E-01	1.31E+00	1.28E+00
853	387143.93, 3751523.71	14.8566	52.108	50.6896	2.25E-01	7.88E-01	7.66E-01	2.63E-01	9.23E-01	8.98E-01	3.91E-01	1.37E+00	1.33E+00
854	387168.93, 3748973.71	1.39943	4.90007	4.70467	2.12E-02	7.41E-02	7.11E-02	2.48E-02	8.68E-02	8.34E-02	3.68E-02	1.29E-01	1.24E-01
855	387168.93, 3748998.71	1.47641	5.15987	4.94518	2.23E-02	7.80E-02	7.48E-02	2.62E-02	9.14E-02	8.76E-02	3.88E-02	1.36E-01	1.30E-01
856	387168.93, 3749023.71	1.55484	5.48323	5.30067	2.35E-02	8.29E-02	8.01E-02	2.76E-02	9.72E-02	9.39E-02	4.09E-02	1.44E-01	1.39E-01
857	387168.93, 3749048.71	1.63722	5.7714	5.59331	2.48E-02	8.73E-02	8.46E-02	2.90E-02	1.02E-01	9.91E-02	4.30E-02	1.52E-01	1.47E-01
858	387168.93, 3749073.71	1.70349	5.93961	5.77804	2.58E-02	8.98E-02	8.74E-02	3.02E-02	1.05E-01	1.02E-01	4.48E-02	1.56E-01	1.52E-01
859	387168.93, 3749098.71	1.75239	6.02109	5.90379	2.65E-02	9.10E-02	8.93E-02	3.11E-02	1.07E-01	1.05E-01	4.61E-02	1.58E-01	1.55E-01
860	387168.93, 3749123.71	1.80355	6.11934	5.9757	2.73E-02	9.25E-02	9.04E-02	3.20E-02	1.08E-01	1.06E-01	4.74E-02	1.61E-01	1.57E-01
861	387168.93, 3749148.71	1.855	6.25783	6.06352	2.80E-02	9.46E-02	9.17E-02	3.29E-02	1.11E-01	1.07E-01	4.88E-02	1.65E-01	1.59E-01
862	387168.93, 3749173.71	1.89785	6.37024	6.13431	2.87E-02	9.63E-02	9.28E-02	3.36E-02	1.13E-01	1.09E-01	4.99E-02	1.67E-01	1.61E-01
863	387168.93, 3749198.71	1.94656	6.53773	6.25084	2.94E-02	9.89E-02	9.45E-02	3.45E-02	1.16E-01	1.11E-01	5.12E-02	1.72E-01	1.64E-01
864	387168.93, 3749223.71	1.99336	6.7004	6.38759	3.01E-02	1.01E-01	9.66E-02	3.53E-02	1.19E-01	1.13E-01	5.24E-02	1.76E-01	1.68E-01
865	387168.93, 3749248.71	2.04125	6.86012	6.5391	3.09E-02	1.04E-01	9.89E-02	3.62E-02	1.22E-01	1.16E-01	5.37E-02	1.80E-01	1.72E-01
866	387168.93, 3749273.71	2.0898	7.01706	6.68869	3.16E-02	1.06E-01	1.01E-01	3.70E-02	1.24E-01	1.19E-01	5.49E-02	1.84E-01	1.76E-01
867	387168.93, 3749298.71	2.13664	7.16933	6.83385	3.23E-02	1.08E-01	1.03E-01	3.79E-02	1.27E-01	1.21E-01	5.62E-02	1.88E-01	1.80E-01
868	387168.93, 3749323.71	2.18154	7.31857	6.97656	3.30E-02	1.11E-01	1.05E-01	3.87E-02	1.30E-01	1.24E-01	5.74E-02	1.92E-01	1.83E-01
869	387168.93, 3749348.71	2.22132	7.46058	7.11156	3.36E-02	1.13E-01	1.08E-01	3.94E-02	1.32E-01	1.26E-01	5.84E-02	1.96E-01	1.87E-01
870	387168.93, 3749373.71	2.27089	7.6085	7.25347	3.43E-02	1.15E-01	1.10E-01	4.02E-02	1.35E-01	1.29E-01	5.97E-02	2.00E-01	1.91E-01
871	387168.93, 3749398.71	2.31079	7.74854	7.38725	3.49E-02	1.17E-01	1.12E-01	4.09E-02	1.37E-01	1.31E-01	6.08E-02	2.04E-01	1.94E-01
872	387168.93, 3749423.71	2.34855	7.8845	7.51573	3.55E-02	1.19E-01	1.14E-01	4.16E-02	1.40E-01	1.33E-01	6.17E-02	2.07E-01	1.98E-01
873	387168.93, 3749448.71	2.3802	8.00927	7.6616	3.60E-02	1.21E-01	1.16E-01	4.22E-02	1.42E-01	1.36E-01	6.26E-02	2.11E-01	2.01E-01
874	387168.93, 3749473.71	2.40811	8.1426	7.79266	3.64E-02	1.23E-01	1.18E-01	4.27E-02	1.44E-01	1.38E-01	6.33E-02	2.14E-01	2.05E-01
875	387168.93, 3749498.71	2.4355	8.38045	8.07663	3.68E-02	1.27E-01	1.22E-01	4.32E-02	1.48E-01	1.43E-01	6.40E-02	2.20E-01	2.12E-01
876	387168.93, 3749523.71	2.47416	8.57856	8.38241	3.74E-02	1.30E-01	1.27E-01	4.38E-02	1.52E-01	1.49E-01	6.50E-02	2.26E-01	2.20E-01
877	387168.93, 3749548.71	2.51471	8.79704	8.6437	3.80E-02	1.33E-01	1.31E-01	4.46E-02	1.56E-01	1.53E-01	6.61E-02	2.31E-01	2.27E-01
878	387168.93, 3749573.71	2.55477	8.82058	8.65548	3.86E-02	1.33E-01	1.31E-01	4.53E-02	1.56E-01	1.53E-01	6.72E-02	2.32E-01	2.28E-01
879	387168.93, 3749598.71	2.5922	8.86489	8.60445	3.92E-02	1.34E-01	1.30E-01	4.59E-02	1.57E-01	1.52E-01	6.81E-02	2.33E-01	2.26E-01
880	387168.93, 3749623.71	2.62584	8.99492	8.75522	3.97E-02	1.36E-01	1.32E-01	4.65E-02	1.59E-01	1.55E-01	6.90E-02	2.36E-01	2.30E-01
881	387168.93, 3749648.71	2.67373	9.12613	8.80458	4.04E-02	1.38E-01	1.33E-01	4.74E-02	1.62E-01	1.56E-01	7.03E-02	2.40E-01	2.31E-01
882	387168.93, 3749673.71	2.6995	9.32217	9.13978	4.08E-02	1.41E-01	1.38E-01	4.78E-02	1.65E-01	1.62E-01	7.10E-02	2.45E-01	2.40E-01
883	387168.93, 3749698.71	2.73523	9.72007	9.60425	4.14E-02	1.47E-01	1.45E-01	4.85E-02	1.72E-01	1.70E-01	7.19E-02	2.56E-01	2.52E-01
884	387168.93, 3749723.71	2.76514	9.96565	9.87612	4.18E-02	1.51E-01	1.49E-01	4.90E-02	1.77E-01	1.75E-01	7.27E-02	2.62E-01	2.60E-01
885	387168.93, 3749748.71	2.79226	10.2513	10.1562	4.22E-02	1.55E-01	1.54E-01	4.95E-02	1.82E-01	1.80E-01	7.34E-02	2.70E-01	2.67E-01
886	387168.93, 3749773.71	2.8304	10.4438	10.3536	4.28E-02	1.58E-01	1.57E-01	5.02E-02	1.85E-01	1.83E-01	7.44E-02	2.75E-01	2.72E-01
887	387168.93, 3749798.71	2.8661	10.6166	10.5287	4.33E-02	1.61E-01	1.59E-01	5.08E-02	1.88E-01	1.87E-01	7.53E-02	2.79E-01	2.77E-01
888	387168.93, 3749823.71	2.90364	10.7763	10.6966	4.39E-02	1.63E-01	1.62E-01	5.15E-02	1.91E-01	1.90E-01	7.63E-02	2.83E-01	2.81E-01
889	387168.93, 3749848.71	2.93517	11.1357	11.0247	4.44E-02	1.68E-01	1.67E-01	5.20E-02	1.97E-01	1.95E-01	7.72E-02	2.93E-01	2.90E-01
890	387168.93, 3749873.71	2.97059	11.2996	11.1695	4.49E-02	1.71E-01	1.69E-01	5.26E-02	2.00E-01	1.98E-01	7.81E-02	2.97E-01	2.94E-01
891	387168.93, 3749898.71	3.00799	11.4309	11.2851	4.55E-02	1.73E-01	1.71E-01	5.33E-02	2.03E-01	2.00E-01	7.91E-02	3.01E-01	2.97E-01
892	387168.93, 3749923.71	3.05832	11.232	11.0957	4.62E-02	1.70E-01	1.68E-01	5.42E-02	1.99E-01	1.97E-01	8.04E-02	2.95E-01	2.92E-01
893	387168.93, 3749948.71	3.07361	11.6052	11.4217	4.65E-02	1.75E-01	1.73E-01	5.45E-02	2.06E-01	2.02E-01	8.08E-02	3.05E-01	3.00E-01
894	387168.93, 3749973.71	3.1118	11.7441	11.6155	4.71E-02	1.78E-01	1.76E-01	5.51E-02	2.08E-01	2.06E-01	8.18E-02	3.09E-01	3.05E-01
895	387168.93, 3749998.71	3.16101	11.9526	11.8259	4.78E-02	1.81E-01	1.79E-01	5.60E-02	2.12E-01	2.10E-01	8.31E-02	3.14E-01	3.11E-01
896	387168.93, 3750023.71	3.22908	12.0176	11.8572	4.88E-02	1.82E-01	1.79E-01	5.72E-02	2.13E-01	2.10E-01	8.49E-02	3.16E-01	3.12E-01
897	387168.93, 3750048.71	3.23552	12.4165	12.161	4.89E-02	1.88E-01	1.84E-01	5.73E-02	2.20E-01	2.15E-01	8.51E-02	3.26E-01	3.20E-01
898	387168.93, 3750073.71	3.27891	12.4659	12.1546	4.96E-02	1.88E-01	1.84E-01	5.81E-02	2.21E-01	2.15E-01	8.62E-02	3.28E-01	3.20E-01
899	387168.93, 3750098.71	3.35011	12.5419	12.3357	5.07E-02	1.90E-01	1.87E-01	5.94E-02	2.22E-01	2.19E-01	8.81E-02	3.30E-01	3.24E-01
900	387168.93, 3750123.71	3.39605	12.7021	12.5525	5.13E-02	1.92E-01	1.90E-01	6.02E-02	2.25E-01	2.22E-01	8.93E-02	3.34E-01	3.30E-01
901	387168.93, 3750148.71	3.47788	13.1035	12.9431	5.26E-02	1.98E-01	1.96E-01	6.16E-02	2.32E-01	2.29E-01	9.14E-02	3.44E-01	3.40E-01
902	387168.93, 3750173.71	3.51255	13.2215	13.0036	5.31E-02	2.00E-01	1.97E-01	6.22E-02	2.34E-01	2.30E-01	9.23E-02	3.48E-01	3.42E-01
903	387168.93, 3750198.71	3.59285	13.2757	13.0478	5.43E-02	2.01E-01	1.97E-01	6.37E-02	2.35E-01	2.31E-01	9.45E-02	3.49E-01	3.43E-01
904	387168.93, 3750223.71	3.64522	13.468	13.1277	5.51E-02	2.04E-01	1.98E-01	6.46E-02	2.39E-01	2.33E-01	9.58E-02	3.54E-01	3.45E-01
905	387168.93, 3750248.71	3.71526	13.4064	13.1228	5.62E-02	2.03E-01	1.98E-01	6.58E-02	2.38E-01	2.33E-01	9.77E-02	3.52E-01	3.45E-01
906	387168.93, 3750273.71	3.77303	13.3469	13.0295	5.71E-02	2.02E-01	1.97E-01	6.69E-02	2.37E-01	2.31E-01	9.92E-02	3.51E-01	3.43E-01
907	387168.93, 3750298.71	3.83189	13.4186	12.9373	5.79E-02	2.03E-01	1.96E-01	6.79E-02	2.38E-01	2.29E-01	1.01E-01	3.53E-01	3.40E-01
908	387168.93, 3750323.71	3.89418	13.5452	12.9646	5.89E-02	2.05E-01	1.96E-01	6.90E-02	2.40E-01	2.30E-01	1.02E-01	3.56E-01	3.41E-01
909	387168.93, 3750348.71	3.9753	13.7864	13.1607	6.01E-02	2.08E-01	1.99E-01	7.04E-02	2.44E-01	2.33E-01	1.05E-01	3.62E-01	3.46E-01
910	387168.93, 3750373.71	4.04948	14.0302	13.3987	6.12E-02	2.12E-01	2.03E-01	7.18E-02	2.49E-01	2.37E-01	1.06E-01	3.69E-01	3.52E-01
911	387168.93, 3750398.71	4.10441	14.2648	13.6577	6.21E-02	2.16E-01	2.07E-01	7.27E-02	2.53E-01	2.42E-01	1.08E-01	3.75E-01	3.59E-01
912	387168.93, 3750423.71	4.14085	14.5142	14.1306	6.26E-02	2.19E-01	2.14E-01	7.34E-02	2.57E-01	2.50E-01	1.09E-01	3.82E-01	3.71E-01
913	387168.93, 3750448.71	4.1995	14.7787	14.3768	6.35E-02	2.23E-01	2.17E-01	7.44E-02	2.62E-01	2.55E-01	1.10E-01	3.89E-01	3.78E-01
914	387168.93, 3750473.71	4.3072	15.038	14.5596	6.51E-02	2.27E-01	2.20E-01	7.63E-02	2.66E-01	2.58E-01	1.13E-01	3.95E-01	3.83E-01
915	387168.93, 3750498.71	4.35744	15.3303	14.95	6.59E-02	2.32E-01	2.26E-01	7.72E-02	2.72E-01	2.65E-01	1.15E-01	4.03E-01	3.93E-01
916	387168.93, 3750523.71	4.43262	15.6753	15.3396	6.70E-02	2.37E-01	2.32E-01	7.85E-02	2.78E-01	2.72E-01	1.17E-01	4.12E-01	4.03E-01
917	387168.93, 3750548.71	4.49682	15.9976	15.6786	6.80E-02	2.42E-01	2.37E-01	7.97E-02	2.83E-01	2.78E-01	1.18E-01	4.21E-01	4.12E-01
918	387168.93, 3750573.71	4.59062	16.3663	16.0286	6.94E-02	2.47E-01	2.42E-01	8.13E-02	2.90E-01	2.84E-01	1.21E-01	4.30E-01	4.21E-01
919	387168.93, 3750598.71	4.6962	16.6901	16.2576	7.10E-02	2.52E-01	2.46E-01	8.32E-02	2.96E-01	2.88E-01	1.23E-01	4.39E-01	4.27E-01

920	387168.93, 3750623.71	4.81453	17.0159	16.5345	7.28E-02	2.57E-01	2.50E-01	8.53E-02	3.02E-01	2.93E-01	1.27E-01	4.47E-01	4.35E-01
921	387168.93, 3750648.71	4.90884	17.2999	16.7411	7.42E-02	2.62E-01	2.53E-01	8.70E-02	3.07E-01	2.97E-01	1.29E-01	4.55E-01	4.40E-01
922	387168.93, 3750673.71	5.02988	17.6718	16.8635	7.61E-02	2.67E-01	2.55E-01	8.91E-02	3.13E-01	2.99E-01	1.32E-01	4.65E-01	4.43E-01
923	387168.93, 3750698.71	5.07807	17.9833	17.409	7.68E-02	2.72E-01	2.63E-01	9.00E-02	3.19E-01	3.08E-01	1.34E-01	4.73E-01	4.58E-01
924	387168.93, 3750723.71	5.2012	18.4138	17.7875	7.86E-02	2.78E-01	2.69E-01	9.22E-02	3.26E-01	3.15E-01	1.37E-01	4.84E-01	4.68E-01
925	387168.93, 3750748.71	5.41016	18.9609	18.1938	8.18E-02	2.87E-01	2.75E-01	9.59E-02	3.36E-01	3.22E-01	1.42E-01	4.98E-01	4.78E-01
926	387168.93, 3750773.71	5.54328	19.4414	18.54	8.38E-02	2.94E-01	2.80E-01	9.82E-02	3.44E-01	3.29E-01	1.46E-01	5.11E-01	4.87E-01
927	387168.93, 3750798.71	5.64304	19.882	18.8432	8.53E-02	3.01E-01	2.85E-01	1.00E-01	3.52E-01	3.34E-01	1.48E-01	5.23E-01	4.95E-01
928	387168.93, 3750823.71	5.72389	20.3092	19.4006	8.65E-02	3.07E-01	2.93E-01	1.01E-01	3.60E-01	3.44E-01	1.50E-01	5.34E-01	5.10E-01
929	387168.93, 3750848.71	5.87572	20.8633	19.9856	8.88E-02	3.15E-01	3.02E-01	1.04E-01	3.70E-01	3.54E-01	1.54E-01	5.48E-01	5.25E-01
930	387168.93, 3750873.71	6.10732	21.5687	20.5464	9.23E-02	3.26E-01	3.11E-01	1.08E-01	3.82E-01	3.64E-01	1.61E-01	5.67E-01	5.40E-01
931	387168.93, 3750898.71	6.40901	22.4202	21.2377	9.69E-02	3.39E-01	3.21E-01	1.14E-01	3.97E-01	3.76E-01	1.68E-01	5.89E-01	5.58E-01
932	387168.93, 3750923.71	6.47864	22.8957	21.6939	9.80E-02	3.46E-01	3.28E-01	1.15E-01	4.06E-01	3.84E-01	1.70E-01	6.02E-01	5.70E-01
933	387168.93, 3750948.71	6.68359	23.6022	22.3922	1.01E-01	3.57E-01	3.39E-01	1.18E-01	4.18E-01	3.97E-01	1.76E-01	6.21E-01	5.89E-01
934	387168.93, 3750973.71	6.9324	24.4577	23.2189	1.05E-01	3.70E-01	3.51E-01	1.23E-01	4.33E-01	4.11E-01	1.82E-01	6.43E-01	6.10E-01
935	387168.93, 3750998.71	7.29414	25.5217	24.2229	1.10E-01	3.86E-01	3.66E-01	1.29E-01	4.52E-01	4.29E-01	1.92E-01	6.71E-01	6.37E-01
936	387168.93, 3751023.71	7.66112	26.679	25.3293	1.16E-01	4.03E-01	3.83E-01	1.36E-01	4.73E-01	4.49E-01	2.01E-01	7.01E-01	6.66E-01
937	387168.93, 3751048.71	7.8456	27.5297	26.1608	1.19E-01	4.16E-01	3.96E-01	1.39E-01	4.88E-01	4.64E-01	2.06E-01	7.24E-01	6.88E-01
938	387168.93, 3751073.71	8.02483	28.3711	26.9732	1.21E-01	4.29E-01	4.08E-01	1.42E-01	5.03E-01	4.78E-01	2.11E-01	7.46E-01	7.09E-01
939	387168.93, 3751098.71	8.31388	29.5467	28.1152	1.26E-01	4.47E-01	4.25E-01	1.47E-01	5.24E-01	4.98E-01	2.19E-01	7.77E-01	7.39E-01
940	387168.93, 3751123.71	8.57894	30.7215	29.2414	1.30E-01	4.65E-01	4.42E-01	1.52E-01	5.44E-01	5.18E-01	2.26E-01	8.08E-01	7.69E-01
941	387168.93, 3751148.71	8.97973	32.2905	30.7819	1.36E-01	4.88E-01	4.65E-01	1.59E-01	5.72E-01	5.45E-01	2.36E-01	8.49E-01	8.09E-01
942	387168.93, 3751173.71	9.50599	34.2341	32.7177	1.44E-01	5.18E-01	4.95E-01	1.68E-01	6.07E-01	5.80E-01	2.50E-01	9.00E-01	8.60E-01
943	387168.93, 3751198.71	9.89023	35.8059	34.2489	1.50E-01	5.41E-01	5.18E-01	1.75E-01	6.34E-01	6.07E-01	2.60E-01	9.41E-01	9.00E-01
944	387168.93, 3751223.71	10.4298	38.1991	36.6633	1.58E-01	5.78E-01	5.54E-01	1.85E-01	6.77E-01	6.50E-01	2.74E-01	1.00E+00	9.64E-01
945	387168.93, 3751248.71	10.974	40.3351	38.7748	1.66E-01	6.10E-01	5.86E-01	1.94E-01	7.15E-01	6.87E-01	2.89E-01	1.06E+00	1.02E+00
946	387168.93, 3751273.71	11.5268	42.8969	41.3583	1.74E-01	6.49E-01	6.25E-01	2.04E-01	7.60E-01	7.33E-01	3.03E-01	1.13E+00	1.09E+00
947	387168.93, 3751298.71	16.3013	54.8499	53.5204	2.46E-01	8.29E-01	8.09E-01	2.89E-01	9.72E-01	9.48E-01	4.29E-01	1.44E+00	1.41E+00
948	387168.93, 3751323.71	17.4442	58.8274	57.505	2.64E-01	8.90E-01	8.70E-01	3.09E-01	1.04E+00	1.02E+00	4.59E-01	1.55E+00	1.51E+00
949	387193.93, 3748973.71	1.52745	5.26073	5.02501	2.31E-02	7.95E-02	7.60E-02	2.71E-02	9.32E-02	8.90E-02	4.02E-02	1.38E-01	1.32E-01
950	387193.93, 3748998.71	1.6222	5.6532	5.43774	2.45E-02	8.55E-02	8.22E-02	2.87E-02	1.00E-01	9.64E-02	4.26E-02	1.49E-01	1.43E-01
951	387193.93, 3749023.71	1.71229	5.97563	5.77562	2.59E-02	9.04E-02	8.73E-02	3.03E-02	1.06E-01	1.02E-01	4.50E-02	1.57E-01	1.52E-01
952	387193.93, 3749048.71	1.78891	6.15928	5.98726	2.70E-02	9.31E-02	9.05E-02	3.17E-02	1.09E-01	1.06E-01	4.70E-02	1.62E-01	1.57E-01
953	387193.93, 3749073.71	1.86515	6.3783	6.23002	2.82E-02	9.64E-02	9.42E-02	3.30E-02	1.13E-01	1.10E-01	4.90E-02	1.68E-01	1.64E-01
954	387193.93, 3749098.71	1.92077	6.48865	6.33811	2.90E-02	9.81E-02	9.58E-02	3.40E-02	1.15E-01	1.12E-01	5.05E-02	1.71E-01	1.67E-01
955	387193.93, 3749123.71	1.97713	6.63402	6.41176	2.99E-02	1.00E-01	9.69E-02	3.50E-02	1.18E-01	1.14E-01	5.20E-02	1.74E-01	1.69E-01
956	387193.93, 3749148.71	2.03506	6.78812	6.55235	3.08E-02	1.03E-01	9.91E-02	3.61E-02	1.20E-01	1.16E-01	5.35E-02	1.78E-01	1.72E-01
957	387193.93, 3749173.71	2.08789	6.97648	6.66156	3.16E-02	1.05E-01	1.01E-01	3.70E-02	1.24E-01	1.18E-01	5.49E-02	1.83E-01	1.75E-01
958	387193.93, 3749198.71	2.14284	7.16527	6.83006	3.24E-02	1.08E-01	1.03E-01	3.80E-02	1.27E-01	1.21E-01	5.63E-02	1.88E-01	1.80E-01
959	387193.93, 3749223.71	2.19715	7.34956	7.00576	3.32E-02	1.11E-01	1.06E-01	3.89E-02	1.30E-01	1.24E-01	5.78E-02	1.93E-01	1.84E-01
960	387193.93, 3749248.71	2.25657	7.53207	7.1797	3.41E-02	1.14E-01	1.09E-01	4.00E-02	1.33E-01	1.27E-01	5.93E-02	1.98E-01	1.89E-01
961	387193.93, 3749273.71	2.31171	7.70899	7.34984	3.50E-02	1.17E-01	1.11E-01	4.10E-02	1.37E-01	1.30E-01	6.08E-02	2.03E-01	1.93E-01
962	387193.93, 3749298.71	2.36887	7.88292	7.51671	3.58E-02	1.19E-01	1.14E-01	4.20E-02	1.40E-01	1.33E-01	6.23E-02	2.07E-01	1.98E-01
963	387193.93, 3749323.71	2.4073	8.04437	7.66871	3.64E-02	1.22E-01	1.16E-01	4.27E-02	1.43E-01	1.36E-01	6.33E-02	2.11E-01	2.02E-01
964	387193.93, 3749348.71	2.45682	8.20864	7.82501	3.71E-02	1.24E-01	1.18E-01	4.35E-02	1.45E-01	1.39E-01	6.46E-02	2.16E-01	2.06E-01
965	387193.93, 3749373.71	2.50942	8.37351	7.98341	3.79E-02	1.27E-01	1.21E-01	4.45E-02	1.48E-01	1.41E-01	6.60E-02	2.20E-01	2.10E-01
966	387193.93, 3749398.71	2.56025	8.53573	8.13973	3.87E-02	1.29E-01	1.23E-01	4.54E-02	1.51E-01	1.44E-01	6.73E-02	2.24E-01	2.14E-01
967	387193.93, 3749423.71	2.59808	8.68764	8.28154	3.93E-02	1.31E-01	1.25E-01	4.60E-02	1.54E-01	1.47E-01	6.83E-02	2.28E-01	2.18E-01
968	387193.93, 3749448.71	2.63523	8.82963	8.41786	3.98E-02	1.34E-01	1.27E-01	4.67E-02	1.56E-01	1.49E-01	6.93E-02	2.32E-01	2.21E-01
969	387193.93, 3749473.71	2.66494	8.96957	8.5534	4.03E-02	1.36E-01	1.29E-01	4.72E-02	1.59E-01	1.52E-01	7.01E-02	2.36E-01	2.25E-01
970	387193.93, 3749498.71	2.68934	9.15646	8.77813	4.07E-02	1.38E-01	1.33E-01	4.77E-02	1.62E-01	1.56E-01	7.07E-02	2.41E-01	2.31E-01
971	387193.93, 3749523.71	2.73751	9.3878	9.10923	4.14E-02	1.42E-01	1.38E-01	4.85E-02	1.66E-01	1.61E-01	7.20E-02	2.47E-01	2.39E-01
972	387193.93, 3749548.71	2.78212	9.56437	9.37705	4.21E-02	1.45E-01	1.42E-01	4.93E-02	1.69E-01	1.66E-01	7.31E-02	2.51E-01	2.47E-01
973	387193.93, 3749573.71	2.8317	9.67297	9.41742	4.28E-02	1.46E-01	1.42E-01	5.02E-02	1.71E-01	1.67E-01	7.44E-02	2.54E-01	2.48E-01
974	387193.93, 3749598.71	2.8776	9.73215	9.39045	4.35E-02	1.47E-01	1.42E-01	5.10E-02	1.72E-01	1.66E-01	7.57E-02	2.56E-01	2.47E-01
975	387193.93, 3749623.71	2.91796	9.889	9.55798	4.41E-02	1.50E-01	1.45E-01	5.17E-02	1.75E-01	1.69E-01	7.67E-02	2.60E-01	2.51E-01
976	387193.93, 3749648.71	2.97651	10.0519	9.64088	4.50E-02	1.52E-01	1.46E-01	5.27E-02	1.78E-01	1.71E-01	7.83E-02	2.64E-01	2.53E-01
977	387193.93, 3749673.71	3.00152	10.2505	9.96944	4.54E-02	1.55E-01	1.51E-01	5.32E-02	1.82E-01	1.77E-01	7.89E-02	2.69E-01	2.62E-01
978	387193.93, 3749698.71	3.04558	10.5783	10.4473	4.61E-02	1.60E-01	1.58E-01	5.40E-02	1.87E-01	1.85E-01	8.01E-02	2.78E-01	2.75E-01
979	387193.93, 3749723.71	3.08264	10.9293	10.8138	4.66E-02	1.65E-01	1.64E-01	5.46E-02	1.94E-01	1.92E-01	8.10E-02	2.87E-01	2.84E-01
980	387193.93, 3749748.71	3.12642	11.123	11.0412	4.73E-02	1.68E-01	1.67E-01	5.54E-02	1.97E-01	1.96E-01	8.22E-02	2.92E-01	2.90E-01
981	387193.93, 3749773.71	3.16605	11.228	11.1433	4.79E-02	1.70E-01	1.68E-01	5.61E-02	1.99E-01	1.97E-01	8.32E-02	2.95E-01	2.93E-01
982	387193.93, 3749798.71	3.20669	11.4059	11.296	4.85E-02	1.72E-01	1.71E-01	5.68E-02	2.02E-01	2.00E-01	8.43E-02	3.00E-01	2.97E-01
983	387193.93, 3749823.71	3.25261	11.5746	11.4797	4.92E-02	1.75E-01	1.74E-01	5.76E-02	2.05E-01	2.03E-01	8.55E-02	3.04E-01	3.02E-01
984	387193.93, 3749848.71	3.28344	12.2248	12.0887	4.96E-02	1.85E-01	1.83E-01	5.82E-02	2.17E-01	2.14E-01	8.63E-02	3.21E-01	3.18E-01
985	387193.93, 3749873.71	3.33565	12.2513	12.122	5.04E-02	1.85E-01	1.83E-01	5.91E-02	2.17E-01	2.15E-01	8.77E-02	3.22E-01	3.19E-01
986	387193.93, 3749898.71	3.37296	12.5452	12.3449	5.10E-02	1.90E-01	1.87E-01	5.98E-02	2.22E-01	2.19E-01	8.87E-02	3.30E-01	3.25E-01
987	387193.93, 3749923.71	3.44558	12.4375	12.2427	5.21E-02	1.88E-01	1.85E-01	6.11E-02	2.20E-01	2.17E-01	9.06E-02	3.27E-01	3.22E-01
988	387193.93, 3749948.71	3.467	12.6401	12.3581	5.24E-02	1.91E-01	1.87E-01	6.14E-02	2.24E-01	2.19E-01	9.11E-02	3.32E-01	3.25E-01
989	387193.93, 3749973.71	3.51366	12.9098	12.7944	5.31E-02	1.95E-01	1.93E-01	6.23E-02	2.29E-01	2.27E-01	9.24E-02	3.39E-01	3.36E-01
990	387193.93, 3749998.71	3.56808	13.2077	13.047	5.40E-02	2.00E-01	1.97E-01	6.32E-02	2.34E-01	2.31E-01	9.38E-02	3.47E-01	3.43E-01
991	387193.93, 3750023.71	3.65388	13.3332	13.1119	5.52E-02	2.02E-01	1.98E-01	6.47E-02	2.36E-01	2.32E-01	9.61E-02	3.51E-01	3.45E-01
992	387193.93, 3750048.71	3.70283	13.5354	13.288	5.60E-02	2.05E-01	2.01E-01	6.56E-02	2.40E-01	2.35E-01	9.73E-02	3.56E-01	3.49E-01
993	387193.93, 3750073.71	3.74645	13.7286	13.3879	5.66E-02	2.08E-01	2.02E-01	6.64E-02	2.43E-01	2.37E-01	9.85E-02	3.61E-01	3.52E-01
994	387193.93, 3750098.71	3.83385	13.8532	13.7268	5.80E-02	2.09E-01	2.08E-01	6.79E-02	2.45E-01	2.43E-01	1.01E-01	3.64E-01	3.61E-01
995	387193.93, 3750123.71	3.90457	14.2133	14.0847	5.90E-02	2.15E-01	2.13E-01	6.92E-02	2.52E-01	2.50E-01	1.03E-01	3.74E-01	3.70E-01
996	387193.93, 3750148.71	3.99258	14.364	14.2065	6.04E-02	2.17E-01	2.15E-01	7.07E-02	2.55E-01	2.52E-01	1.05E-01	3.78E-01	3.73E-01

997	387193.93, 3750173.71	4.05046	14.8866	14.5972	6.12E-02	2.25E-01	2.21E-01	7.18E-02	2.64E-01	2.59E-01	1.06E-01	3.91E-01	3.84E-01
998	387193.93, 3750198.71	4.13774	14.8498	14.5537	6.26E-02	2.25E-01	2.20E-01	7.33E-02	2.63E-01	2.58E-01	1.09E-01	3.90E-01	3.83E-01
999	387193.93, 3750223.71	4.20612	14.9656	14.5959	6.36E-02	2.26E-01	2.21E-01	7.45E-02	2.65E-01	2.59E-01	1.11E-01	3.93E-01	3.84E-01
1000	387193.93, 3750248.71	4.31308	15.1112	14.6989	6.52E-02	2.28E-01	2.22E-01	7.64E-02	2.68E-01	2.60E-01	1.13E-01	3.97E-01	3.86E-01
1001	387193.93, 3750273.71	4.38752	15.2596	14.7119	6.63E-02	2.31E-01	2.22E-01	7.77E-02	2.70E-01	2.61E-01	1.15E-01	4.01E-01	3.87E-01
1002	387193.93, 3750298.71	4.46902	15.4991	14.7854	6.76E-02	2.34E-01	2.24E-01	7.92E-02	2.75E-01	2.62E-01	1.17E-01	4.07E-01	3.89E-01
1003	387193.93, 3750323.71	4.55461	15.8032	15.0114	6.89E-02	2.39E-01	2.27E-01	8.07E-02	2.80E-01	2.66E-01	1.20E-01	4.15E-01	3.95E-01
1004	387193.93, 3750348.71	4.66614	16.1369	15.3343	7.06E-02	2.44E-01	2.32E-01	8.27E-02	2.86E-01	2.72E-01	1.23E-01	4.24E-01	4.03E-01
1005	387193.93, 3750373.71	4.7617	16.4727	15.6563	7.20E-02	2.49E-01	2.37E-01	8.44E-02	2.92E-01	2.77E-01	1.25E-01	4.33E-01	4.12E-01
1006	387193.93, 3750398.71	4.81076	16.7792	15.9629	7.27E-02	2.54E-01	2.41E-01	8.52E-02	2.97E-01	2.83E-01	1.26E-01	4.41E-01	4.20E-01
1007	387193.93, 3750423.71	4.89809	17.1097	16.3307	7.41E-02	2.59E-01	2.47E-01	8.68E-02	3.03E-01	2.89E-01	1.29E-01	4.50E-01	4.29E-01
1008	387193.93, 3750448.71	5.01627	17.5088	16.6742	7.58E-02	2.65E-01	2.52E-01	8.89E-02	3.10E-01	2.95E-01	1.32E-01	4.60E-01	4.38E-01
1009	387193.93, 3750473.71	5.14313	17.928	17.0646	7.78E-02	2.71E-01	2.58E-01	9.11E-02	3.18E-01	3.02E-01	1.35E-01	4.71E-01	4.49E-01
1010	387193.93, 3750498.71	5.23958	18.3101	17.4741	7.92E-02	2.77E-01	2.64E-01	9.28E-02	3.24E-01	3.10E-01	1.38E-01	4.81E-01	4.59E-01
1011	387193.93, 3750523.71	5.33788	18.7193	17.9098	8.07E-02	2.83E-01	2.71E-01	9.46E-02	3.32E-01	3.17E-01	1.40E-01	4.92E-01	4.71E-01
1012	387193.93, 3750548.71	5.46288	19.1725	18.3473	8.26E-02	2.90E-01	2.77E-01	9.68E-02	3.40E-01	3.25E-01	1.44E-01	5.04E-01	4.82E-01
1013	387193.93, 3750573.71	5.6109	19.6793	18.8953	8.48E-02	2.98E-01	2.86E-01	9.94E-02	3.49E-01	3.35E-01	1.48E-01	5.17E-01	4.97E-01
1014	387193.93, 3750598.71	5.77199	20.2267	19.2345	8.73E-02	3.06E-01	2.91E-01	1.02E-01	3.58E-01	3.41E-01	1.52E-01	5.32E-01	5.06E-01
1015	387193.93, 3750623.71	5.96267	20.8315	19.7693	9.02E-02	3.15E-01	2.99E-01	1.06E-01	3.69E-01	3.50E-01	1.57E-01	5.48E-01	5.20E-01
1016	387193.93, 3750648.71	6.11095	21.4021	20.2767	9.24E-02	3.24E-01	3.07E-01	1.08E-01	3.79E-01	3.59E-01	1.61E-01	5.63E-01	5.33E-01
1017	387193.93, 3750673.71	6.30008	22.0405	20.8771	9.53E-02	3.33E-01	3.16E-01	1.12E-01	3.91E-01	3.70E-01	1.66E-01	5.79E-01	5.49E-01
1018	387193.93, 3750698.71	6.28492	22.4093	21.2472	9.50E-02	3.39E-01	3.21E-01	1.11E-01	3.97E-01	3.76E-01	1.65E-01	5.89E-01	5.59E-01
1019	387193.93, 3750723.71	6.61604	23.3109	22.0916	1.00E-01	3.52E-01	3.34E-01	1.17E-01	4.13E-01	3.91E-01	1.74E-01	6.13E-01	5.81E-01
1020	387193.93, 3750748.71	6.88551	24.1686	22.9135	1.04E-01	3.65E-01	3.46E-01	1.22E-01	4.28E-01	4.06E-01	1.81E-01	6.35E-01	6.02E-01
1021	387193.93, 3750773.71	7.11275	25.0087	23.7293	1.08E-01	3.78E-01	3.59E-01	1.26E-01	4.43E-01	4.20E-01	1.87E-01	6.57E-01	6.24E-01
1022	387193.93, 3750798.71	7.38558	25.9134	24.5958	1.12E-01	3.92E-01	3.72E-01	1.31E-01	4.59E-01	4.36E-01	1.94E-01	6.81E-01	6.47E-01
1023	387193.93, 3750823.71	7.6927	26.9435	25.586	1.16E-01	4.07E-01	3.87E-01	1.36E-01	4.77E-01	4.53E-01	2.02E-01	7.08E-01	6.73E-01
1024	387193.93, 3750848.71	8.01337	28.0552	26.6645	1.21E-01	4.24E-01	4.03E-01	1.42E-01	4.97E-01	4.72E-01	2.11E-01	7.38E-01	7.01E-01
1025	387193.93, 3750873.71	8.40718	29.3922	27.9394	1.27E-01	4.44E-01	4.22E-01	1.49E-01	5.21E-01	4.95E-01	2.21E-01	7.73E-01	7.35E-01
1026	387193.93, 3750898.71	8.83489	30.9459	29.4521	1.34E-01	4.68E-01	4.45E-01	1.57E-01	5.48E-01	5.22E-01	2.32E-01	8.14E-01	7.74E-01
1027	387193.93, 3750923.71	9.11392	32.0642	30.5263	1.38E-01	4.85E-01	4.62E-01	1.61E-01	5.68E-01	5.41E-01	2.40E-01	8.43E-01	8.03E-01
1028	387193.93, 3750948.71	9.39911	33.364	31.8066	1.42E-01	5.04E-01	4.81E-01	1.67E-01	5.91E-01	5.64E-01	2.47E-01	8.77E-01	8.36E-01
1029	387193.93, 3750973.71	9.85421	35.2168	33.659	1.49E-01	5.32E-01	5.09E-01	1.75E-01	6.24E-01	5.96E-01	2.59E-01	9.26E-01	8.85E-01
1030	387193.93, 3750998.71	10.4452	37.3761	35.7725	1.58E-01	5.65E-01	5.41E-01	1.85E-01	6.62E-01	6.34E-01	2.75E-01	9.83E-01	9.40E-01
1031	387193.93, 3751023.71	11.4721	40.8521	39.3014	1.73E-01	6.18E-01	5.94E-01	2.03E-01	7.24E-01	6.96E-01	3.02E-01	1.07E+00	1.03E+00
1032	387193.93, 3751048.71	11.9148	42.8247	41.2938	1.80E-01	6.48E-01	6.24E-01	2.11E-01	7.59E-01	7.32E-01	3.13E-01	1.13E+00	1.09E+00
1033	387193.93, 3751073.71	11.7206	43.6098	41.9962	1.77E-01	6.59E-01	6.35E-01	2.08E-01	7.73E-01	7.44E-01	3.08E-01	1.15E+00	1.10E+00
1034	387193.93, 3751098.71	18.6478	59.7681	58.3443	2.82E-01	9.04E-01	8.82E-01	3.30E-01	1.06E+00	1.03E+00	4.90E-01	1.57E+00	1.53E+00
1035	387193.93, 3751123.71	20.5482	66.6202	65.6619	3.11E-01	1.01E+00	9.93E-01	3.64E-01	1.18E+00	1.16E+00	5.40E-01	1.75E+00	1.73E+00
1036	387218.93, 3748973.71	1.68959	5.78417	5.52441	2.55E-02	8.75E-02	8.35E-02	2.99E-02	1.02E-01	9.79E-02	4.44E-02	1.52E-01	1.45E-01
1037	387218.93, 3748998.71	1.79002	6.12135	5.88448	2.71E-02	9.26E-02	8.90E-02	3.17E-02	1.08E-01	1.04E-01	4.71E-02	1.61E-01	1.55E-01
1038	387218.93, 3749023.71	1.8823	6.39819	6.19852	2.85E-02	9.67E-02	9.37E-02	3.34E-02	1.13E-01	1.10E-01	4.95E-02	1.68E-01	1.63E-01
1039	387218.93, 3749048.71	1.97661	6.69202	6.52031	2.99E-02	1.01E-01	9.86E-02	3.50E-02	1.19E-01	1.16E-01	5.20E-02	1.76E-01	1.71E-01
1040	387218.93, 3749073.71	2.04959	6.88799	6.71445	3.10E-02	1.04E-01	1.02E-01	3.63E-02	1.22E-01	1.19E-01	5.39E-02	1.81E-01	1.77E-01
1041	387218.93, 3749098.71	2.12419	7.08414	6.85579	3.21E-02	1.07E-01	1.04E-01	3.76E-02	1.26E-01	1.21E-01	5.58E-02	1.86E-01	1.80E-01
1042	387218.93, 3749123.71	2.19055	7.26072	7.00364	3.31E-02	1.10E-01	1.06E-01	3.88E-02	1.29E-01	1.24E-01	5.76E-02	1.91E-01	1.84E-01
1043	387218.93, 3749148.71	2.25907	7.48923	7.15769	3.42E-02	1.13E-01	1.08E-01	4.00E-02	1.33E-01	1.27E-01	5.94E-02	1.97E-01	1.88E-01
1044	387218.93, 3749173.71	2.3226	7.70997	7.34938	3.51E-02	1.17E-01	1.11E-01	4.12E-02	1.37E-01	1.30E-01	6.11E-02	2.03E-01	1.93E-01
1045	387218.93, 3749198.71	2.38417	7.92426	7.55371	3.60E-02	1.20E-01	1.14E-01	4.22E-02	1.40E-01	1.34E-01	6.27E-02	2.08E-01	1.99E-01
1046	387218.93, 3749223.71	2.44852	8.13494	7.75456	3.70E-02	1.23E-01	1.17E-01	4.34E-02	1.44E-01	1.37E-01	6.44E-02	2.14E-01	2.04E-01
1047	387218.93, 3749248.71	2.51326	8.34122	7.95265	3.80E-02	1.26E-01	1.20E-01	4.45E-02	1.48E-01	1.41E-01	6.61E-02	2.19E-01	2.09E-01
1048	387218.93, 3749273.71	2.58311	8.54647	8.15067	3.91E-02	1.29E-01	1.23E-01	4.58E-02	1.51E-01	1.44E-01	6.79E-02	2.25E-01	2.14E-01
1049	387218.93, 3749298.71	2.63909	8.7402	8.33448	3.99E-02	1.32E-01	1.26E-01	4.68E-02	1.55E-01	1.48E-01	6.94E-02	2.30E-01	2.19E-01
1050	387218.93, 3749323.71	2.67992	8.92124	8.50432	4.05E-02	1.35E-01	1.29E-01	4.75E-02	1.58E-01	1.51E-01	7.05E-02	2.35E-01	2.24E-01
1051	387218.93, 3749348.71	2.74786	9.11805	8.69342	4.15E-02	1.38E-01	1.31E-01	4.87E-02	1.62E-01	1.54E-01	7.22E-02	2.40E-01	2.29E-01
1052	387218.93, 3749373.71	2.80038	9.30245	8.86814	4.23E-02	1.41E-01	1.34E-01	4.96E-02	1.65E-01	1.57E-01	7.36E-02	2.45E-01	2.33E-01
1053	387218.93, 3749398.71	2.85416	9.48735	9.04496	4.32E-02	1.43E-01	1.37E-01	5.06E-02	1.68E-01	1.60E-01	7.50E-02	2.49E-01	2.38E-01
1054	387218.93, 3749423.71	2.9028	9.66543	9.214	4.39E-02	1.46E-01	1.39E-01	5.14E-02	1.71E-01	1.63E-01	7.63E-02	2.54E-01	2.42E-01
1055	387218.93, 3749448.71	2.94417	9.82931	9.37055	4.45E-02	1.49E-01	1.42E-01	5.22E-02	1.74E-01	1.66E-01	7.74E-02	2.58E-01	2.46E-01
1056	387218.93, 3749473.71	2.98087	9.99447	9.52675	4.51E-02	1.51E-01	1.44E-01	5.28E-02	1.77E-01	1.69E-01	7.84E-02	2.63E-01	2.50E-01
1057	387218.93, 3749498.71	3.00841	10.1482	9.69025	4.55E-02	1.53E-01	1.47E-01	5.33E-02	1.80E-01	1.72E-01	7.91E-02	2.67E-01	2.55E-01
1058	387218.93, 3749523.71	3.06474	10.3847	10.0377	4.63E-02	1.57E-01	1.52E-01	5.43E-02	1.84E-01	1.78E-01	8.06E-02	2.73E-01	2.64E-01
1059	387218.93, 3749548.71	3.11691	10.5908	10.319	4.71E-02	1.60E-01	1.56E-01	5.52E-02	1.88E-01	1.83E-01	8.19E-02	2.78E-01	2.71E-01
1060	387218.93, 3749573.71	3.17853	10.7039	10.2028	4.81E-02	1.62E-01	1.54E-01	5.63E-02	1.90E-01	1.81E-01	8.36E-02	2.81E-01	2.68E-01
1061	387218.93, 3749598.71	3.23379	10.8948	10.3853	4.89E-02	1.65E-01	1.57E-01	5.73E-02	1.93E-01	1.84E-01	8.50E-02	2.86E-01	2.73E-01
1062	387218.93, 3749623.71	3.28121	11.0733	10.5648	4.96E-02	1.67E-01	1.60E-01	5.81E-02	1.96E-01	1.87E-01	8.63E-02	2.91E-01	2.78E-01
1063	387218.93, 3749648.71	3.35171	11.2819	10.7524	5.07E-02	1.71E-01	1.63E-01	5.94E-02	2.00E-01	1.91E-01	8.81E-02	2.97E-01	2.83E-01
1064	387218.93, 3749673.71	3.38047	11.4553	11.0399	5.11E-02	1.73E-01	1.67E-01	5.99E-02	2.03E-01	1.96E-01	8.89E-02	3.01E-01	2.90E-01
1065	387218.93, 3749698.71	3.42946	11.7967	11.5695	5.19E-02	1.78E-01	1.75E-01	6.08E-02	2.09E-01	2.05E-01	9.02E-02	3.10E-01	3.04E-01
1066	387218.93, 3749723.71	3.47877	12.127	11.9704	5.26E-02	1.83E-01	1.81E-01	6.16E-02	2.15E-01	2.12E-01	9.15E-02	3.19E-01	3.15E-01
1067	387218.93, 3749748.71	3.53883	12.3368	12.2409	5.35E-02	1.87E-01	1.85E-01	6.27E-02	2.19E-01	2.17E-01	9.30E-02	3.24E-01	3.22E-01
1068	387218.93, 3749773.71	3.58995	12.5009	12.3829	5.43E-02	1.89E-01	1.87E-01	6.36E-02	2.22E-01	2.19E-01	9.44E-02	3.29E-01	3.26E-01
1069	387218.93, 3749798.71	3.6331	12.7071	12.5616	5.49E-02	1.92E-01	1.90E-01	6.44E-02	2.25E-01	2.23E-01	9.55E-02	3.34E-01	3.30E-01
1070	387218.93, 3749823.71	3.69896	12.8862	12.7427	5.59E-02	1.95E-01	1.93E-01	6.55E-02	2.28E-01	2.26E-01	9.72E-02	3.39E-01	3.35E-01
1071	387218.93, 3749848.71	3.74606	13.1208	12.9732	5.66E-02	1.98E-01	1.96E-01	6.64E-02	2.32E-01	2.30E-01	9.85E-02	3.45E-01	3.41E-01
1072	387218.93, 3749873.71	3.79502	13.6553	13.4573	5.74E-02	2.06E-01	2.03E-01	6.72E-02	2.42E-01	2.38E-01	9.98E-02	3.59E-01	3.54E-01
1073	387218.93, 3749898.71	3.84862	13.9213	13.6592	5.82E-02	2.10E-01	2.07E-01	6.82E-02	2.47E-01	2.42E-01	1.01E-01	3.66E-01	3.59E-01

1074	387218.93, 3749923.71	3.9463	13.9287	13.6832	5.97E-02	2.11E-01	2.07E-01	6.99E-02	2.47E-01	2.42E-01	1.04E-01	3.66E-01	3.60E-01
1075	387218.93, 3749948.71	3.98529	14.0582	13.7873	6.03E-02	2.13E-01	2.08E-01	7.06E-02	2.49E-01	2.44E-01	1.05E-01	3.70E-01	3.62E-01
1076	387218.93, 3749973.71	4.04384	14.3168	14.0813	6.11E-02	2.16E-01	2.13E-01	7.17E-02	2.54E-01	2.50E-01	1.06E-01	3.76E-01	3.70E-01
1077	387218.93, 3749998.71	4.09613	14.8155	14.6324	6.19E-02	2.24E-01	2.21E-01	7.26E-02	2.63E-01	2.59E-01	1.08E-01	3.90E-01	3.85E-01
1078	387218.93, 3750023.71	4.20375	15.0103	14.7889	6.36E-02	2.27E-01	2.24E-01	7.45E-02	2.66E-01	2.62E-01	1.11E-01	3.95E-01	3.89E-01
1079	387218.93, 3750048.71	4.24889	15.3178	14.9554	6.42E-02	2.32E-01	2.26E-01	7.53E-02	2.71E-01	2.65E-01	1.12E-01	4.03E-01	3.93E-01
1080	387218.93, 3750073.71	4.33942	15.3607	14.978	6.56E-02	2.32E-01	2.26E-01	7.69E-02	2.72E-01	2.65E-01	1.14E-01	4.04E-01	3.94E-01
1081	387218.93, 3750098.71	4.45552	15.6777	15.4591	6.74E-02	2.37E-01	2.34E-01	7.90E-02	2.78E-01	2.74E-01	1.17E-01	4.12E-01	4.06E-01
1082	387218.93, 3750123.71	4.55608	16.1414	15.9845	6.89E-02	2.44E-01	2.42E-01	8.07E-02	2.86E-01	2.83E-01	1.20E-01	4.24E-01	4.20E-01
1083	387218.93, 3750148.71	4.68329	16.4543	16.2333	7.08E-02	2.49E-01	2.45E-01	8.30E-02	2.92E-01	2.88E-01	1.23E-01	4.33E-01	4.27E-01
1084	387218.93, 3750173.71	4.73854	16.7918	16.4001	7.16E-02	2.54E-01	2.48E-01	8.40E-02	2.98E-01	2.91E-01	1.25E-01	4.41E-01	4.31E-01
1085	387218.93, 3750198.71	4.84403	16.983	16.4114	7.32E-02	2.57E-01	2.48E-01	8.58E-02	3.01E-01	2.91E-01	1.27E-01	4.46E-01	4.31E-01
1086	387218.93, 3750223.71	5.00525	17.354	16.7732	7.57E-02	2.62E-01	2.54E-01	8.87E-02	3.08E-01	2.97E-01	1.32E-01	4.56E-01	4.41E-01
1087	387218.93, 3750248.71	5.14828	17.7631	17.0833	7.78E-02	2.69E-01	2.58E-01	9.12E-02	3.15E-01	3.03E-01	1.35E-01	4.67E-01	4.49E-01
1088	387218.93, 3750273.71	5.25122	18.1727	17.2674	7.94E-02	2.75E-01	2.61E-01	9.30E-02	3.22E-01	3.06E-01	1.38E-01	4.78E-01	4.54E-01
1089	387218.93, 3750298.71	5.3964	18.6353	17.6888	8.16E-02	2.82E-01	2.67E-01	9.56E-02	3.30E-01	3.13E-01	1.42E-01	4.90E-01	4.65E-01
1090	387218.93, 3750323.71	5.53222	19.093	18.1222	8.36E-02	2.89E-01	2.74E-01	9.80E-02	3.38E-01	3.21E-01	1.45E-01	5.02E-01	4.76E-01
1091	387218.93, 3750348.71	5.6693	19.5566	18.5605	8.57E-02	2.96E-01	2.81E-01	1.00E-01	3.47E-01	3.29E-01	1.49E-01	5.14E-01	4.88E-01
1092	387218.93, 3750373.71	5.83009	20.0931	19.0659	8.82E-02	3.04E-01	2.88E-01	1.03E-01	3.56E-01	3.38E-01	1.53E-01	5.28E-01	5.01E-01
1093	387218.93, 3750398.71	5.85008	20.4639	19.3981	8.85E-02	3.09E-01	2.93E-01	1.04E-01	3.63E-01	3.44E-01	1.54E-01	5.38E-01	5.10E-01
1094	387218.93, 3750423.71	6.06536	21.109	20.0334	9.17E-02	3.19E-01	3.03E-01	1.07E-01	3.74E-01	3.55E-01	1.59E-01	5.55E-01	5.27E-01
1095	387218.93, 3750448.71	6.23418	21.7213	20.5985	9.43E-02	3.28E-01	3.11E-01	1.10E-01	3.85E-01	3.65E-01	1.64E-01	5.71E-01	5.42E-01
1096	387218.93, 3750473.71	6.4549	22.4241	21.2425	9.76E-02	3.39E-01	3.21E-01	1.14E-01	3.97E-01	3.76E-01	1.70E-01	5.90E-01	5.58E-01
1097	387218.93, 3750498.71	6.59001	23.0081	21.7931	9.96E-02	3.48E-01	3.30E-01	1.17E-01	4.08E-01	3.86E-01	1.73E-01	6.05E-01	5.73E-01
1098	387218.93, 3750523.71	6.80046	23.7652	22.5195	1.03E-01	3.59E-01	3.41E-01	1.21E-01	4.21E-01	3.99E-01	1.79E-01	6.25E-01	5.92E-01
1099	387218.93, 3750548.71	7.0418	24.6083	23.3302	1.06E-01	3.72E-01	3.53E-01	1.25E-01	4.36E-01	4.13E-01	1.85E-01	6.47E-01	6.13E-01
1100	387218.93, 3750573.71	7.29234	25.5213	24.2154	1.10E-01	3.86E-01	3.66E-01	1.29E-01	4.52E-01	4.29E-01	1.92E-01	6.71E-01	6.37E-01
1101	387218.93, 3750598.71	7.58121	26.4887	25.1441	1.15E-01	4.01E-01	3.80E-01	1.34E-01	4.69E-01	4.46E-01	1.99E-01	6.96E-01	6.61E-01
1102	387218.93, 3750623.71	7.97142	27.6608	26.2648	1.21E-01	4.18E-01	3.97E-01	1.41E-01	4.90E-01	4.65E-01	2.10E-01	7.27E-01	6.91E-01
1103	387218.93, 3750648.71	8.18779	28.6944	27.2768	1.24E-01	4.34E-01	4.12E-01	1.45E-01	5.08E-01	4.83E-01	2.15E-01	7.54E-01	7.17E-01
1104	387218.93, 3750673.71	8.43557	29.7536	28.3033	1.28E-01	4.50E-01	4.28E-01	1.49E-01	5.27E-01	5.02E-01	2.22E-01	7.82E-01	7.44E-01
1105	387218.93, 3750698.71	8.8212	31.2037	29.7062	1.33E-01	4.72E-01	4.49E-01	1.56E-01	5.53E-01	5.26E-01	2.32E-01	8.20E-01	7.81E-01
1106	387218.93, 3750723.71	9.23149	32.7132	31.1612	1.40E-01	4.95E-01	4.71E-01	1.64E-01	5.80E-01	5.52E-01	2.43E-01	8.60E-01	8.19E-01
1107	387218.93, 3750748.71	9.70301	34.4749	32.8943	1.47E-01	5.21E-01	4.97E-01	1.72E-01	6.11E-01	5.83E-01	2.55E-01	9.06E-01	8.65E-01
1108	387218.93, 3750773.71	10.1931	36.4608	34.894	1.54E-01	5.51E-01	5.28E-01	1.81E-01	6.46E-01	6.18E-01	2.68E-01	9.59E-01	9.17E-01
1109	387218.93, 3750798.71	10.4847	37.7876	36.1876	1.59E-01	5.71E-01	5.47E-01	1.86E-01	6.70E-01	6.41E-01	2.76E-01	9.93E-01	9.51E-01
1110	387218.93, 3750823.71	10.9218	39.9263	38.3371	1.65E-01	6.04E-01	5.80E-01	1.94E-01	7.07E-01	6.79E-01	2.87E-01	1.05E+00	1.01E+00
1111	387218.93, 3750848.71	11.7416	43.0177	41.4515	1.78E-01	6.50E-01	6.27E-01	2.08E-01	7.62E-01	7.35E-01	3.09E-01	1.13E+00	1.09E+00
1112	387218.93, 3750873.71	12.752	46.6222	45.0987	1.93E-01	7.05E-01	6.82E-01	2.26E-01	8.26E-01	7.99E-01	3.35E-01	1.23E+00	1.19E+00
1113	387218.93, 3750898.71	17.8851	60.0535	58.905	2.70E-01	9.08E-01	8.91E-01	3.17E-01	1.06E+00	1.04E+00	4.70E-01	1.58E+00	1.55E+00
1114	387243.93, 3748973.71	1.86871	6.27902	6.01066	2.83E-02	9.49E-02	9.09E-02	3.31E-02	1.11E-01	1.07E-01	4.91E-02	1.65E-01	1.58E-01
1115	387243.93, 3748998.71	1.98469	6.67053	6.41344	3.00E-02	1.01E-01	9.70E-02	3.52E-02	1.18E-01	1.14E-01	5.22E-02	1.75E-01	1.69E-01
1116	387243.93, 3749023.71	2.1001	7.05837	6.85032	3.18E-02	1.07E-01	1.04E-01	3.72E-02	1.25E-01	1.21E-01	5.52E-02	1.86E-01	1.80E-01
1117	387243.93, 3749048.71	2.19558	7.33368	7.11439	3.32E-02	1.11E-01	1.08E-01	3.89E-02	1.30E-01	1.26E-01	5.77E-02	1.93E-01	1.87E-01
1118	387243.93, 3749073.71	2.28424	7.56827	7.29964	3.45E-02	1.14E-01	1.10E-01	4.05E-02	1.34E-01	1.29E-01	6.01E-02	1.99E-01	1.92E-01
1119	387243.93, 3749098.71	2.37145	7.81259	7.51387	3.59E-02	1.18E-01	1.14E-01	4.20E-02	1.38E-01	1.33E-01	6.23E-02	2.05E-01	1.98E-01
1120	387243.93, 3749123.71	2.45482	8.08872	7.72074	3.71E-02	1.22E-01	1.17E-01	4.35E-02	1.43E-01	1.37E-01	6.45E-02	2.13E-01	2.03E-01
1121	387243.93, 3749148.71	2.53561	8.35504	7.96545	3.83E-02	1.26E-01	1.20E-01	4.49E-02	1.48E-01	1.41E-01	6.67E-02	2.20E-01	2.09E-01
1122	387243.93, 3749173.71	2.61326	8.61188	8.21043	3.95E-02	1.30E-01	1.24E-01	4.63E-02	1.53E-01	1.45E-01	6.87E-02	2.26E-01	2.16E-01
1123	387243.93, 3749198.71	2.68834	8.86121	8.44895	4.06E-02	1.34E-01	1.28E-01	4.76E-02	1.57E-01	1.50E-01	7.07E-02	2.33E-01	2.22E-01
1124	387243.93, 3749223.71	2.76626	9.10583	8.68322	4.18E-02	1.38E-01	1.31E-01	4.90E-02	1.61E-01	1.54E-01	7.27E-02	2.39E-01	2.28E-01
1125	387243.93, 3749248.71	2.84057	9.34317	8.90959	4.30E-02	1.41E-01	1.35E-01	5.03E-02	1.66E-01	1.58E-01	7.47E-02	2.46E-01	2.34E-01
1126	387243.93, 3749273.71	2.90955	9.57478	9.13091	4.40E-02	1.45E-01	1.38E-01	5.16E-02	1.70E-01	1.62E-01	7.65E-02	2.52E-01	2.40E-01
1127	387243.93, 3749298.71	2.97621	9.80132	9.34657	4.50E-02	1.48E-01	1.41E-01	5.27E-02	1.74E-01	1.66E-01	7.82E-02	2.58E-01	2.46E-01
1128	387243.93, 3749323.71	3.03987	10.0227	9.55609	4.60E-02	1.52E-01	1.44E-01	5.39E-02	1.78E-01	1.69E-01	7.99E-02	2.63E-01	2.51E-01
1129	387243.93, 3749348.71	3.10635	10.2455	9.76933	4.70E-02	1.55E-01	1.48E-01	5.50E-02	1.82E-01	1.73E-01	8.17E-02	2.69E-01	2.57E-01
1130	387243.93, 3749373.71	3.16718	10.4614	9.97313	4.79E-02	1.58E-01	1.51E-01	5.61E-02	1.85E-01	1.77E-01	8.33E-02	2.75E-01	2.62E-01
1131	387243.93, 3749398.71	3.23643	10.6839	10.1867	4.89E-02	1.62E-01	1.54E-01	5.73E-02	1.89E-01	1.81E-01	8.51E-02	2.81E-01	2.68E-01
1132	387243.93, 3749423.71	3.29039	10.8931	10.3848	4.98E-02	1.65E-01	1.57E-01	5.83E-02	1.93E-01	1.84E-01	8.65E-02	2.86E-01	2.73E-01
1133	387243.93, 3749448.71	3.33672	11.0865	10.5675	5.05E-02	1.68E-01	1.60E-01	5.91E-02	1.96E-01	1.87E-01	8.77E-02	2.91E-01	2.78E-01
1134	387243.93, 3749473.71	3.37931	11.2821	10.7517	5.11E-02	1.71E-01	1.63E-01	5.99E-02	2.00E-01	1.91E-01	8.88E-02	2.97E-01	2.83E-01
1135	387243.93, 3749498.71	3.4169	11.4698	10.9284	5.17E-02	1.73E-01	1.65E-01	6.05E-02	2.03E-01	1.94E-01	8.98E-02	3.02E-01	2.87E-01
1136	387243.93, 3749523.71	3.48068	11.6854	11.2064	5.26E-02	1.77E-01	1.69E-01	6.17E-02	2.07E-01	1.99E-01	9.15E-02	3.07E-01	2.95E-01
1137	387243.93, 3749548.71	3.54311	11.9049	11.4998	5.36E-02	1.80E-01	1.74E-01	6.28E-02	2.11E-01	2.04E-01	9.31E-02	3.13E-01	3.02E-01
1138	387243.93, 3749573.71	3.61512	12.138	11.7524	5.47E-02	1.84E-01	1.78E-01	6.41E-02	2.15E-01	2.08E-01	9.50E-02	3.19E-01	3.09E-01
1139	387243.93, 3749598.71	3.69052	12.3898	11.8006	5.58E-02	1.87E-01	1.78E-01	6.54E-02	2.20E-01	2.09E-01	9.70E-02	3.26E-01	3.10E-01
1140	387243.93, 3749623.71	3.74899	12.6168	12.0139	5.67E-02	1.91E-01	1.82E-01	6.64E-02	2.24E-01	2.13E-01	9.86E-02	3.32E-01	3.16E-01
1141	387243.93, 3749648.71	3.83704	12.8738	12.259	5.80E-02	1.95E-01	1.85E-01	6.80E-02	2.28E-01	2.17E-01	1.01E-01	3.38E-01	3.22E-01
1142	387243.93, 3749673.71	3.86709	13.0737	12.5213	5.85E-02	1.98E-01	1.89E-01	6.85E-02	2.32E-01	2.22E-01	1.02E-01	3.44E-01	3.29E-01
1143	387243.93, 3749698.71	3.92533	13.3936	12.9812	5.94E-02	2.03E-01	1.96E-01	6.96E-02	2.37E-01	2.30E-01	1.03E-01	3.52E-01	3.41E-01
1144	387243.93, 3749723.71	3.96112	13.976	13.781	5.99E-02	2.11E-01	2.08E-01	7.02E-02	2.48E-01	2.44E-01	1.04E-01	3.67E-01	3.62E-01
1145	387243.93, 3749748.71	4.01958	14.2426	14.1037	6.08E-02	2.15E-01	2.13E-01	7.12E-02	2.52E-01	2.50E-01	1.06E-01	3.74E-01	3.71E-01
1146	387243.93, 3749773.71	4.1225	14.2173	13.9617	6.23E-02	2.15E-01	2.11E-01	7.30E-02	2.52E-01	2.47E-01	1.08E-01	3.74E-01	3.67E-01
1147	387243.93, 3749798.71	4.20441	14.5039	14.152	6.36E-02	2.19E-01	2.14E-01	7.45E-02	2.57E-01	2.51E-01	1.11E-01	3.81E-01	3.72E-01
1148	387243.93, 3749823.71	4.28361	14.7191	14.3455	6.48E-02	2.23E-01	2.17E-01	7.59E-02	2.61E-01	2.54E-01	1.13E-01	3.87E-01	3.77E-01
1149	387243.93, 3749848.71	4.33714	15.1186	14.9515	6.56E-02	2.29E-01	2.26E-01	7.69E-02	2.68E-01	2.65E-01	1.14E-01	3.97E-01	3.93E-01
1150	387243.93, 3749873.71	4.40341	15.5136	15.2375	6.66E-02	2.35E-01	2.30E-01	7.80E-02	2.75E-01	2.70E-01	1.16E-01	4.08E-01	4.01E-01

1151	387243.93, 3749898.71	4.50009	15.7455	15.446	6.80E-02	2.38E-01	2.34E-01	7.97E-02	2.79E-01	2.74E-01	1.18E-01	4.14E-01	4.06E-01
1152	387243.93, 3749923.71	4.62421	16.0281	15.5825	6.99E-02	2.42E-01	2.36E-01	8.19E-02	2.84E-01	2.76E-01	1.22E-01	4.21E-01	4.10E-01
1153	387243.93, 3749948.71	4.6519	16.2034	15.6417	7.03E-02	2.45E-01	2.37E-01	8.24E-02	2.87E-01	2.77E-01	1.22E-01	4.26E-01	4.11E-01
1154	387243.93, 3749973.71	4.75784	16.6117	16.1703	7.19E-02	2.51E-01	2.45E-01	8.43E-02	2.94E-01	2.87E-01	1.25E-01	4.37E-01	4.25E-01
1155	387243.93, 3749998.71	4.84408	17.0711	16.8163	7.32E-02	2.58E-01	2.54E-01	8.58E-02	3.02E-01	2.98E-01	1.27E-01	4.49E-01	4.42E-01
1156	387243.93, 3750023.71	5.01978	17.5123	17.076	7.59E-02	2.65E-01	2.58E-01	8.89E-02	3.10E-01	3.03E-01	1.32E-01	4.60E-01	4.49E-01
1157	387243.93, 3750048.71	5.11344	17.7802	17.1487	7.73E-02	2.69E-01	2.59E-01	9.06E-02	3.15E-01	3.04E-01	1.34E-01	4.67E-01	4.51E-01
1158	387243.93, 3750073.71	5.20176	18.134	17.2809	7.87E-02	2.74E-01	2.61E-01	9.22E-02	3.21E-01	3.06E-01	1.37E-01	4.77E-01	4.54E-01
1159	387243.93, 3750098.71	5.32317	18.5681	17.9144	8.05E-02	2.81E-01	2.71E-01	9.43E-02	3.29E-01	3.17E-01	1.40E-01	4.88E-01	4.71E-01
1160	387243.93, 3750123.71	5.48685	19.0979	18.6113	8.30E-02	2.89E-01	2.81E-01	9.72E-02	3.38E-01	3.30E-01	1.44E-01	5.02E-01	4.89E-01
1161	387243.93, 3750148.71	5.70258	19.6846	19.0582	8.62E-02	2.98E-01	2.88E-01	1.01E-01	3.49E-01	3.38E-01	1.50E-01	5.18E-01	5.01E-01
1162	387243.93, 3750173.71	5.78583	20.1504	19.3271	8.75E-02	3.05E-01	2.92E-01	1.03E-01	3.57E-01	3.42E-01	1.52E-01	5.30E-01	5.08E-01
1163	387243.93, 3750198.71	5.94654	20.7169	19.6402	8.99E-02	3.13E-01	2.97E-01	1.05E-01	3.67E-01	3.48E-01	1.56E-01	5.45E-01	5.16E-01
1164	387243.93, 3750223.71	6.16641	21.3709	20.2656	9.32E-02	3.23E-01	3.06E-01	1.09E-01	3.79E-01	3.59E-01	1.62E-01	5.62E-01	5.33E-01
1165	387243.93, 3750248.71	6.43979	22.1613	21.0111	9.74E-02	3.35E-01	3.18E-01	1.14E-01	3.93E-01	3.72E-01	1.69E-01	5.83E-01	5.52E-01
1166	387243.93, 3750273.71	6.62789	22.8414	21.647	1.00E-01	3.45E-01	3.27E-01	1.17E-01	4.05E-01	3.84E-01	1.74E-01	6.01E-01	5.69E-01
1167	387243.93, 3750298.71	6.84206	23.5756	22.3344	1.03E-01	3.56E-01	3.38E-01	1.21E-01	4.18E-01	3.96E-01	1.80E-01	6.20E-01	5.87E-01
1168	387243.93, 3750323.71	7.03234	24.2862	23.0083	1.06E-01	3.67E-01	3.48E-01	1.25E-01	4.30E-01	4.08E-01	1.85E-01	6.38E-01	6.05E-01
1169	387243.93, 3750348.71	7.31006	25.1427	23.828	1.11E-01	3.80E-01	3.60E-01	1.30E-01	4.46E-01	4.22E-01	1.92E-01	6.61E-01	6.26E-01
1170	387243.93, 3750373.71	7.56935	26.0937	24.7462	1.14E-01	3.95E-01	3.74E-01	1.34E-01	4.62E-01	4.38E-01	1.99E-01	6.86E-01	6.51E-01
1171	387243.93, 3750398.71	7.69278	26.8636	25.5026	1.16E-01	4.06E-01	3.86E-01	1.36E-01	4.76E-01	4.52E-01	2.02E-01	7.06E-01	6.70E-01
1172	387243.93, 3750423.71	8.12953	28.1086	26.6926	1.23E-01	4.25E-01	4.04E-01	1.44E-01	4.98E-01	4.73E-01	2.14E-01	7.39E-01	7.02E-01
1173	387243.93, 3750448.71	8.46623	29.3867	27.9394	1.28E-01	4.44E-01	4.22E-01	1.50E-01	5.21E-01	4.95E-01	2.23E-01	7.73E-01	7.35E-01
1174	387243.93, 3750473.71	8.73139	30.4886	29.0062	1.32E-01	4.61E-01	4.39E-01	1.55E-01	5.40E-01	5.14E-01	2.30E-01	8.02E-01	7.63E-01
1175	387243.93, 3750498.71	9.08065	31.9002	30.3735	1.37E-01	4.82E-01	4.59E-01	1.61E-01	5.65E-01	5.38E-01	2.39E-01	8.39E-01	7.99E-01
1176	387243.93, 3750523.71	9.43186	33.3845	31.82	1.43E-01	5.05E-01	4.81E-01	1.67E-01	5.92E-01	5.64E-01	2.48E-01	8.78E-01	8.37E-01
1177	387243.93, 3750548.71	9.87941	35.1393	33.5496	1.49E-01	5.31E-01	5.07E-01	1.75E-01	6.23E-01	5.94E-01	2.60E-01	9.24E-01	8.82E-01
1178	387243.93, 3750573.71	10.5028	37.4957	35.906	1.59E-01	5.67E-01	5.43E-01	1.86E-01	6.64E-01	6.36E-01	2.76E-01	9.86E-01	9.44E-01
1179	387243.93, 3750598.71	10.7264	38.8076	37.2044	1.62E-01	5.87E-01	5.63E-01	1.90E-01	6.88E-01	6.59E-01	2.82E-01	1.02E+00	9.78E-01
1180	387243.93, 3750623.71	11.6571	42.0863	40.4942	1.76E-01	6.36E-01	6.12E-01	2.07E-01	7.46E-01	7.18E-01	3.06E-01	1.11E+00	1.06E+00
1181	387243.93, 3750648.71	13.0961	46.6885	45.2022	1.98E-01	7.06E-01	6.83E-01	2.32E-01	8.27E-01	8.01E-01	3.44E-01	1.23E+00	1.19E+00
1182	387243.93, 3750673.71	12.8838	47.4948	45.8967	1.95E-01	7.18E-01	6.94E-01	2.28E-01	8.42E-01	8.13E-01	3.39E-01	1.25E+00	1.21E+00
1183	387243.93, 3750698.71	18.7411	62.844	61.8402	2.83E-01	9.50E-01	9.35E-01	3.32E-01	1.11E+00	1.10E+00	4.93E-01	1.65E+00	1.63E+00
1184	387268.93, 3748973.71	2.09147	6.95038	6.65588	3.16E-02	1.05E-01	1.01E-01	3.71E-02	1.23E-01	1.18E-01	5.50E-02	1.83E-01	1.75E-01
1185	387268.93, 3748998.71	2.24136	7.4841	7.21131	3.39E-02	1.13E-01	1.09E-01	3.97E-02	1.33E-01	1.28E-01	5.89E-02	1.97E-01	1.90E-01
1186	387268.93, 3749023.71	2.36452	7.84463	7.57525	3.58E-02	1.19E-01	1.15E-01	4.19E-02	1.39E-01	1.34E-01	6.22E-02	2.06E-01	1.99E-01
1187	387268.93, 3749048.71	2.47905	8.15293	7.84198	3.75E-02	1.23E-01	1.19E-01	4.39E-02	1.44E-01	1.39E-01	6.52E-02	2.14E-01	2.06E-01
1188	387268.93, 3749073.71	2.58775	8.46969	8.11917	3.91E-02	1.28E-01	1.23E-01	4.59E-02	1.50E-01	1.44E-01	6.80E-02	2.23E-01	2.13E-01
1189	387268.93, 3749098.71	2.69205	8.80785	8.39763	4.07E-02	1.33E-01	1.27E-01	4.77E-02	1.56E-01	1.49E-01	7.08E-02	2.32E-01	2.21E-01
1190	387268.93, 3749123.71	2.79134	9.13208	8.70683	4.22E-02	1.38E-01	1.32E-01	4.95E-02	1.62E-01	1.54E-01	7.34E-02	2.40E-01	2.29E-01
1191	387268.93, 3749148.71	2.89467	9.44807	9.01045	4.38E-02	1.43E-01	1.36E-01	5.13E-02	1.67E-01	1.60E-01	7.61E-02	2.48E-01	2.37E-01
1192	387268.93, 3749173.71	2.98961	9.75095	9.29994	4.52E-02	1.47E-01	1.41E-01	5.30E-02	1.73E-01	1.65E-01	7.86E-02	2.56E-01	2.44E-01
1193	387268.93, 3749198.71	3.07143	10.0396	9.57356	4.64E-02	1.52E-01	1.45E-01	5.44E-02	1.78E-01	1.70E-01	8.07E-02	2.64E-01	2.52E-01
1194	387268.93, 3749223.71	3.16515	10.3292	9.85175	4.79E-02	1.56E-01	1.49E-01	5.61E-02	1.83E-01	1.75E-01	8.32E-02	2.72E-01	2.59E-01
1195	387268.93, 3749248.71	3.24942	10.6084	10.1178	4.91E-02	1.60E-01	1.53E-01	5.76E-02	1.88E-01	1.79E-01	8.54E-02	2.79E-01	2.66E-01
1196	387268.93, 3749273.71	3.32615	10.878	10.3722	5.03E-02	1.64E-01	1.57E-01	5.89E-02	1.93E-01	1.84E-01	8.74E-02	2.86E-01	2.73E-01
1197	387268.93, 3749298.71	3.40806	11.1502	10.6321	5.15E-02	1.69E-01	1.61E-01	6.04E-02	1.98E-01	1.88E-01	8.96E-02	2.93E-01	2.80E-01
1198	387268.93, 3749323.71	3.48514	11.4158	10.8834	5.27E-02	1.73E-01	1.65E-01	6.18E-02	2.02E-01	1.93E-01	9.16E-02	3.00E-01	2.86E-01
1199	387268.93, 3749348.71	3.5669	11.6863	11.1422	5.39E-02	1.77E-01	1.68E-01	6.32E-02	2.07E-01	1.97E-01	9.38E-02	3.07E-01	2.93E-01
1200	387268.93, 3749373.71	3.62804	11.9386	11.3809	5.49E-02	1.81E-01	1.72E-01	6.43E-02	2.12E-01	2.02E-01	9.54E-02	3.14E-01	2.99E-01
1201	387268.93, 3749398.71	3.71876	12.2153	11.6447	5.62E-02	1.85E-01	1.76E-01	6.59E-02	2.16E-01	2.06E-01	9.78E-02	3.21E-01	3.06E-01
1202	387268.93, 3749423.71	3.77625	12.4604	11.8758	5.71E-02	1.88E-01	1.80E-01	6.69E-02	2.21E-01	2.10E-01	9.93E-02	3.28E-01	3.12E-01
1203	387268.93, 3749448.71	3.8364	12.7048	12.1059	5.80E-02	1.92E-01	1.83E-01	6.80E-02	2.25E-01	2.15E-01	1.01E-01	3.34E-01	3.18E-01
1204	387268.93, 3749473.71	3.88377	12.9431	12.3279	5.87E-02	1.96E-01	1.86E-01	6.88E-02	2.29E-01	2.18E-01	1.02E-01	3.40E-01	3.24E-01
1205	387268.93, 3749498.71	3.95229	13.2	12.5679	5.98E-02	2.00E-01	1.90E-01	7.00E-02	2.34E-01	2.23E-01	1.04E-01	3.47E-01	3.30E-01
1206	387268.93, 3749523.71	4.02939	13.471	12.8215	6.09E-02	2.04E-01	1.94E-01	7.14E-02	2.39E-01	2.27E-01	1.06E-01	3.54E-01	3.37E-01
1207	387268.93, 3749548.71	4.11058	13.7523	13.1144	6.22E-02	2.08E-01	1.98E-01	7.28E-02	2.44E-01	2.32E-01	1.08E-01	3.62E-01	3.45E-01
1208	387268.93, 3749573.71	4.19107	14.0436	13.3752	6.34E-02	2.12E-01	2.02E-01	7.43E-02	2.49E-01	2.37E-01	1.10E-01	3.69E-01	3.52E-01
1209	387268.93, 3749598.71	4.30059	14.3837	13.6855	6.50E-02	2.17E-01	2.07E-01	7.62E-02	2.55E-01	2.43E-01	1.13E-01	3.78E-01	3.60E-01
1210	387268.93, 3749623.71	4.38078	14.6836	13.9653	6.62E-02	2.22E-01	2.11E-01	7.76E-02	2.60E-01	2.47E-01	1.15E-01	3.86E-01	3.67E-01
1211	387268.93, 3749648.71	4.49527	15.0196	14.2838	6.80E-02	2.27E-01	2.16E-01	7.97E-02	2.66E-01	2.53E-01	1.18E-01	3.95E-01	3.76E-01
1212	387268.93, 3749673.71	4.52083	15.2672	14.5088	6.84E-02	2.31E-01	2.19E-01	8.01E-02	2.71E-01	2.57E-01	1.19E-01	4.01E-01	3.81E-01
1213	387268.93, 3749698.71	4.59578	15.5733	14.9772	6.95E-02	2.35E-01	2.26E-01	8.14E-02	2.76E-01	2.65E-01	1.21E-01	4.09E-01	3.94E-01
1214	387268.93, 3749723.71	4.66992	15.893	15.3551	7.06E-02	2.40E-01	2.32E-01	8.27E-02	2.82E-01	2.72E-01	1.23E-01	4.18E-01	4.04E-01
1215	387268.93, 3749748.71	4.74776	16.3965	16.1998	7.18E-02	2.48E-01	2.45E-01	8.41E-02	2.91E-01	2.87E-01	1.25E-01	4.31E-01	4.26E-01
1216	387268.93, 3749773.71	4.84229	16.8012	16.5344	7.32E-02	2.54E-01	2.50E-01	8.58E-02	2.98E-01	2.93E-01	1.27E-01	4.42E-01	4.35E-01
1217	387268.93, 3749798.71	4.96294	16.9932	16.3316	7.50E-02	2.57E-01	2.47E-01	8.79E-02	3.01E-01	2.89E-01	1.30E-01	4.47E-01	4.29E-01
1218	387268.93, 3749823.71	5.07363	17.3935	16.6787	7.67E-02	2.63E-01	2.52E-01	8.99E-02	3.08E-01	2.96E-01	1.33E-01	4.57E-01	4.38E-01
1219	387268.93, 3749848.71	5.15522	17.8027	17.3449	7.79E-02	2.69E-01	2.62E-01	9.13E-02	3.15E-01	3.07E-01	1.36E-01	4.68E-01	4.56E-01
1220	387268.93, 3749873.71	5.26714	18.2194	17.6694	7.96E-02	2.75E-01	2.67E-01	9.33E-02	3.23E-01	3.13E-01	1.38E-01	4.79E-01	4.65E-01
1221	387268.93, 3749898.71	5.40355	18.6729	17.9988	8.17E-02	2.82E-01	2.72E-01	9.57E-02	3.31E-01	3.19E-01	1.42E-01	4.91E-01	4.73E-01
1222	387268.93, 3749923.71	5.60186	19.2555	18.3763	8.47E-02	2.91E-01	2.78E-01	9.93E-02	3.41E-01	3.26E-01	1.47E-01	5.06E-01	4.83E-01
1223	387268.93, 3749948.71	5.65062	19.6494	18.6854	8.54E-02	2.97E-01	2.83E-01	1.00E-01	3.48E-01	3.31E-01	1.49E-01	5.17E-01	4.91E-01
1224	387268.93, 3749973.71	5.76731	20.1206	19.3314	8.72E-02	3.04E-01	2.92E-01	1.02E-01	3.57E-01	3.43E-01	1.52E-01	5.29E-01	5.08E-01
1225	387268.93, 3749998.71	5.93965	20.7229	19.9274	8.98E-02	3.13E-01	3.01E-01	1.05E-01	3.67E-01	3.53E-01	1.56E-01	5.45E-01	5.24E-01
1226	387268.93, 3750023.71	6.22165	21.5057	20.5087	9.41E-02	3.25E-01	3.10E-01	1.10E-01	3.81E-01	3.63E-01	1.64E-01	5.65E-01	5.39E-01
1227	387268.93, 3750048.71	6.37644	22.1394	20.9763	9.64E-02	3.35E-01	3.17E-01	1.13E-01	3.92E-01	3.72E-01	1.68E-01	5.82E-01	5.51E-01

1228	387268.93, 3750073.71	6.50272	22.7127	21.5121	9.83E-02	3.43E-01	3.25E-01	1.15E-01	4.02E-01	3.81E-01	1.71E-01	5.97E-01	5.66E-01
1229	387268.93, 3750098.71	6.7654	23.5168	22.3103	1.02E-01	3.56E-01	3.37E-01	1.20E-01	4.17E-01	3.95E-01	1.78E-01	6.18E-01	5.87E-01
1230	387268.93, 3750123.71	7.03145	24.3953	23.1242	1.06E-01	3.69E-01	3.50E-01	1.25E-01	4.32E-01	4.10E-01	1.85E-01	6.41E-01	6.08E-01
1231	387268.93, 3750148.71	7.35804	25.4054	24.0868	1.11E-01	3.84E-01	3.64E-01	1.30E-01	4.50E-01	4.27E-01	1.93E-01	6.68E-01	6.33E-01
1232	387268.93, 3750173.71	7.59735	26.3501	25.0074	1.15E-01	3.98E-01	3.78E-01	1.35E-01	4.67E-01	4.43E-01	2.00E-01	6.93E-01	6.57E-01
1233	387268.93, 3750198.71	7.91444	27.3965	26.0105	1.20E-01	4.14E-01	3.93E-01	1.40E-01	4.85E-01	4.61E-01	2.08E-01	7.20E-01	6.84E-01
1234	387268.93, 3750223.71	8.29259	28.6172	27.1802	1.25E-01	4.33E-01	4.11E-01	1.47E-01	5.07E-01	4.82E-01	2.18E-01	7.52E-01	7.15E-01
1235	387268.93, 3750248.71	8.75581	30.1304	28.6416	1.32E-01	4.56E-01	4.33E-01	1.55E-01	5.34E-01	5.08E-01	2.30E-01	7.92E-01	7.53E-01
1236	387268.93, 3750273.71	9.24421	31.6259	30.0824	1.40E-01	4.78E-01	4.55E-01	1.64E-01	5.60E-01	5.33E-01	2.43E-01	8.31E-01	7.91E-01
1237	387268.93, 3750298.71	9.63093	33.2252	31.649	1.46E-01	5.02E-01	4.79E-01	1.71E-01	5.89E-01	5.61E-01	2.53E-01	8.73E-01	8.32E-01
1238	387268.93, 3750323.71	10.0186	34.6834	33.0548	1.51E-01	5.24E-01	5.00E-01	1.78E-01	6.15E-01	5.86E-01	2.63E-01	9.12E-01	8.69E-01
1239	387268.93, 3750348.71	10.4277	36.3253	34.6772	1.58E-01	5.49E-01	5.24E-01	1.85E-01	6.44E-01	6.14E-01	2.74E-01	9.55E-01	9.12E-01
1240	387268.93, 3750373.71	11.1563	39.0576	37.4406	1.69E-01	5.91E-01	5.66E-01	1.98E-01	6.92E-01	6.63E-01	2.93E-01	1.03E+00	9.84E-01
1241	387268.93, 3750398.71	11.5016	40.6119	38.9804	1.74E-01	6.14E-01	5.89E-01	2.04E-01	7.20E-01	6.91E-01	3.02E-01	1.07E+00	1.02E+00
1242	387268.93, 3750423.71	12.4182	43.837	42.2016	1.88E-01	6.63E-01	6.38E-01	2.20E-01	7.77E-01	7.48E-01	3.26E-01	1.15E+00	1.11E+00
1243	387268.93, 3750448.71	15.8852	52.9081	51.3629	2.40E-01	8.00E-01	7.77E-01	2.81E-01	9.38E-01	9.10E-01	4.18E-01	1.39E+00	1.35E+00
1244	387268.93, 3750473.71	16.0545	54.7136	53.2117	2.43E-01	8.27E-01	8.05E-01	2.84E-01	9.70E-01	9.43E-01	4.22E-01	1.44E+00	1.40E+00
1245	387268.93, 3750498.71	21.2993	68.5915	67.6244	3.22E-01	1.04E+00	1.02E+00	3.77E-01	1.22E+00	1.20E+00	5.60E-01	1.80E+00	1.78E+00
1246	387293.93, 3748973.71	2.39468	7.90856	7.58256	3.62E-02	1.20E-01	1.15E-01	4.24E-02	1.40E-01	1.34E-01	6.30E-02	2.08E-01	1.99E-01
1247	387293.93, 3748998.71	2.55946	8.4192	8.08809	3.87E-02	1.27E-01	1.22E-01	4.54E-02	1.49E-01	1.43E-01	6.73E-02	2.21E-01	2.13E-01
1248	387293.93, 3749023.71	2.71634	8.85326	8.50994	4.11E-02	1.34E-01	1.29E-01	4.81E-02	1.57E-01	1.51E-01	7.14E-02	2.33E-01	2.24E-01
1249	387293.93, 3749048.71	2.85088	9.26433	8.84811	4.31E-02	1.40E-01	1.34E-01	5.05E-02	1.64E-01	1.57E-01	7.49E-02	2.44E-01	2.33E-01
1250	387293.93, 3749073.71	2.9843	9.68916	9.23794	4.51E-02	1.47E-01	1.40E-01	5.29E-02	1.72E-01	1.64E-01	7.85E-02	2.55E-01	2.43E-01
1251	387293.93, 3749098.71	3.11191	10.095	9.6257	4.71E-02	1.53E-01	1.46E-01	5.51E-02	1.79E-01	1.71E-01	8.18E-02	2.65E-01	2.53E-01
1252	387293.93, 3749123.71	3.24063	10.4866	10.0009	4.90E-02	1.59E-01	1.51E-01	5.74E-02	1.86E-01	1.77E-01	8.52E-02	2.76E-01	2.63E-01
1253	387293.93, 3749148.71	3.35607	10.8605	10.3579	5.07E-02	1.64E-01	1.57E-01	5.95E-02	1.92E-01	1.84E-01	8.82E-02	2.86E-01	2.72E-01
1254	387293.93, 3749173.71	3.47069	11.2245	10.7063	5.25E-02	1.70E-01	1.62E-01	6.15E-02	1.99E-01	1.90E-01	9.12E-02	2.95E-01	2.81E-01
1255	387293.93, 3749198.71	3.57197	11.5721	11.0352	5.40E-02	1.75E-01	1.67E-01	6.33E-02	2.05E-01	1.96E-01	9.39E-02	3.04E-01	2.90E-01
1256	387293.93, 3749223.71	3.67821	11.9182	11.3654	5.56E-02	1.80E-01	1.72E-01	6.52E-02	2.11E-01	2.01E-01	9.67E-02	3.13E-01	2.99E-01
1257	387293.93, 3749248.71	3.76094	12.2452	11.6737	5.69E-02	1.85E-01	1.77E-01	6.66E-02	2.17E-01	2.07E-01	9.89E-02	3.22E-01	3.07E-01
1258	387293.93, 3749273.71	3.88068	12.5933	12.0063	5.87E-02	1.90E-01	1.82E-01	6.88E-02	2.23E-01	2.13E-01	1.02E-01	3.31E-01	3.16E-01
1259	387293.93, 3749298.71	3.98207	12.9299	12.3262	6.02E-02	1.96E-01	1.86E-01	7.06E-02	2.29E-01	2.18E-01	1.05E-01	3.40E-01	3.24E-01
1260	387293.93, 3749323.71	4.08015	13.263	12.6428	6.17E-02	2.01E-01	1.91E-01	7.23E-02	2.35E-01	2.24E-01	1.07E-01	3.49E-01	3.32E-01
1261	387293.93, 3749348.71	4.18378	13.6042	12.9675	6.33E-02	2.06E-01	1.96E-01	7.41E-02	2.41E-01	2.30E-01	1.10E-01	3.58E-01	3.41E-01
1262	387293.93, 3749373.71	4.28093	13.9397	13.286	6.47E-02	2.11E-01	2.01E-01	7.59E-02	2.47E-01	2.35E-01	1.13E-01	3.66E-01	3.49E-01
1263	387293.93, 3749398.71	4.3865	14.2889	13.618	6.63E-02	2.16E-01	2.06E-01	7.77E-02	2.53E-01	2.41E-01	1.15E-01	3.76E-01	3.58E-01
1264	387293.93, 3749423.71	4.48022	14.6261	13.9372	6.77E-02	2.21E-01	2.11E-01	7.94E-02	2.59E-01	2.47E-01	1.18E-01	3.85E-01	3.66E-01
1265	387293.93, 3749448.71	4.54013	14.9237	14.2111	6.86E-02	2.26E-01	2.15E-01	8.04E-02	2.64E-01	2.52E-01	1.19E-01	3.92E-01	3.74E-01
1266	387293.93, 3749473.71	4.61695	15.2517	14.5145	6.98E-02	2.31E-01	2.19E-01	8.18E-02	2.70E-01	2.57E-01	1.21E-01	4.01E-01	3.82E-01
1267	387293.93, 3749498.71	4.68377	15.5684	14.8024	7.08E-02	2.35E-01	2.24E-01	8.30E-02	2.76E-01	2.62E-01	1.23E-01	4.09E-01	3.89E-01
1268	387293.93, 3749523.71	4.82179	15.9796	15.1936	7.29E-02	2.42E-01	2.30E-01	8.54E-02	2.83E-01	2.69E-01	1.27E-01	4.20E-01	3.99E-01
1269	387293.93, 3749548.71	4.90602	16.3377	15.5243	7.42E-02	2.47E-01	2.35E-01	8.69E-02	2.89E-01	2.75E-01	1.29E-01	4.30E-01	4.08E-01
1270	387293.93, 3749573.71	5.02687	16.7463	15.9087	7.60E-02	2.53E-01	2.41E-01	8.91E-02	2.97E-01	2.82E-01	1.32E-01	4.40E-01	4.18E-01
1271	387293.93, 3749598.71	5.17366	17.2093	16.3489	7.82E-02	2.60E-01	2.47E-01	9.17E-02	3.05E-01	2.90E-01	1.36E-01	4.52E-01	4.30E-01
1272	387293.93, 3749623.71	5.27871	17.6195	16.7321	7.98E-02	2.66E-01	2.53E-01	9.35E-02	3.12E-01	2.96E-01	1.39E-01	4.63E-01	4.40E-01
1273	387293.93, 3749648.71	5.45765	18.1124	17.1995	8.25E-02	2.74E-01	2.60E-01	9.67E-02	3.21E-01	3.05E-01	1.43E-01	4.76E-01	4.52E-01
1274	387293.93, 3749673.71	5.47877	18.4524	17.5177	8.28E-02	2.79E-01	2.65E-01	9.71E-02	3.27E-01	3.10E-01	1.44E-01	4.85E-01	4.61E-01
1275	387293.93, 3749698.71	5.59658	18.8936	17.9928	8.46E-02	2.86E-01	2.72E-01	9.92E-02	3.35E-01	3.19E-01	1.47E-01	4.97E-01	4.73E-01
1276	387293.93, 3749723.71	5.65326	19.2713	18.4664	8.55E-02	2.91E-01	2.79E-01	1.00E-01	3.41E-01	3.27E-01	1.49E-01	5.07E-01	4.85E-01
1277	387293.93, 3749748.71	5.80355	19.8204	18.8324	8.78E-02	3.00E-01	2.85E-01	1.03E-01	3.51E-01	3.34E-01	1.53E-01	5.21E-01	4.95E-01
1278	387293.93, 3749773.71	5.9551	20.3727	19.3895	9.00E-02	3.08E-01	2.93E-01	1.06E-01	3.61E-01	3.44E-01	1.57E-01	5.36E-01	5.10E-01
1279	387293.93, 3749798.71	6.14419	21.0238	19.9312	9.29E-02	3.18E-01	3.01E-01	1.09E-01	3.73E-01	3.53E-01	1.62E-01	5.53E-01	5.24E-01
1280	387293.93, 3749823.71	6.34164	21.678	20.5722	9.59E-02	3.28E-01	3.11E-01	1.12E-01	3.84E-01	3.65E-01	1.67E-01	5.70E-01	5.41E-01
1281	387293.93, 3749848.71	6.45456	22.2289	21.1314	9.76E-02	3.36E-01	3.20E-01	1.14E-01	3.94E-01	3.74E-01	1.70E-01	5.84E-01	5.56E-01
1282	387293.93, 3749873.71	6.61075	22.896	21.688	1.00E-01	3.46E-01	3.28E-01	1.17E-01	4.06E-01	3.84E-01	1.74E-01	6.02E-01	5.70E-01
1283	387293.93, 3749898.71	6.87441	23.7428	22.5143	1.04E-01	3.59E-01	3.40E-01	1.22E-01	4.21E-01	3.99E-01	1.81E-01	6.24E-01	5.92E-01
1284	387293.93, 3749923.71	7.18552	24.7262	23.4346	1.09E-01	3.74E-01	3.54E-01	1.27E-01	4.38E-01	4.15E-01	1.89E-01	6.50E-01	6.16E-01
1285	387293.93, 3749948.71	7.28405	25.372	24.078	1.10E-01	3.84E-01	3.64E-01	1.29E-01	4.50E-01	4.27E-01	1.91E-01	6.67E-01	6.33E-01
1286	387293.93, 3749973.71	7.45231	26.1831	24.8682	1.13E-01	3.96E-01	3.76E-01	1.32E-01	4.64E-01	4.41E-01	1.96E-01	6.88E-01	6.54E-01
1287	387293.93, 3749998.71	7.81308	27.3479	25.9873	1.18E-01	4.14E-01	3.93E-01	1.38E-01	4.85E-01	4.60E-01	2.05E-01	7.19E-01	6.83E-01
1288	387293.93, 3750023.71	8.38299	28.9538	27.518	1.27E-01	4.38E-01	4.16E-01	1.49E-01	5.13E-01	4.88E-01	2.20E-01	7.61E-01	7.23E-01
1289	387293.93, 3750048.71	8.76088	30.391	28.9004	1.32E-01	4.60E-01	4.37E-01	1.55E-01	5.39E-01	5.12E-01	2.30E-01	7.99E-01	7.60E-01
1290	387293.93, 3750073.71	9.16601	31.6835	30.161	1.39E-01	4.79E-01	4.56E-01	1.62E-01	5.61E-01	5.34E-01	2.41E-01	8.33E-01	7.93E-01
1291	387293.93, 3750098.71	9.43007	32.9899	31.419	1.43E-01	4.99E-01	4.75E-01	1.67E-01	5.85E-01	5.57E-01	2.48E-01	8.67E-01	8.26E-01
1292	387293.93, 3750123.71	9.94895	34.9008	33.3044	1.50E-01	5.28E-01	5.04E-01	1.76E-01	6.18E-01	5.90E-01	2.62E-01	9.18E-01	8.76E-01
1293	387293.93, 3750148.71	10.5725	37.057	35.427	1.60E-01	5.60E-01	5.36E-01	1.87E-01	6.57E-01	6.28E-01	2.78E-01	9.74E-01	9.31E-01
1294	387293.93, 3750173.71	11.3125	39.8956	38.256	1.71E-01	6.03E-01	5.78E-01	2.00E-01	7.07E-01	6.78E-01	2.97E-01	1.05E+00	1.01E+00
1295	387293.93, 3750198.71	11.8038	41.8265	40.1966	1.78E-01	6.32E-01	6.08E-01	2.09E-01	7.41E-01	7.12E-01	3.10E-01	1.10E+00	1.06E+00
1296	387293.93, 3750223.71	12.762	45.0768	43.4347	1.93E-01	6.82E-01	6.57E-01	2.26E-01	7.99E-01	7.70E-01	3.36E-01	1.19E+00	1.14E+00
1297	387293.93, 3750248.71	17.7685	56.9521	55.3081	2.69E-01	8.61E-01	8.36E-01	3.15E-01	1.01E+00	9.80E-01	4.67E-01	1.50E+00	1.45E+00
1298	387293.93, 3750273.71	18.9251	61.636	60.2729	2.86E-01	9.32E-01	9.11E-01	3.35E-01	1.09E+00	1.07E+00	4.98E-01	1.62E+00	1.58E+00
1299	387318.93, 3748973.71	2.78578	9.07028	8.68864	4.21E-02	1.37E-01	1.31E-01	4.94E-02	1.61E-01	1.54E-01	7.32E-02	2.38E-01	2.28E-01
1300	387318.93, 3748998.71	2.9976	9.67741	9.27833	4.53E-02	1.46E-01	1.40E-01	5.31E-02	1.71E-01	1.64E-01	7.88E-02	2.54E-01	2.44E-01
1301	387318.93, 3749023.71	3.18666	10.2524	9.78782	4.82E-02	1.55E-01	1.48E-01	5.65E-02	1.82E-01	1.73E-01	8.38E-02	2.70E-01	2.57E-01
1302	387318.93, 3749048.71	3.35942	10.8028	10.3003	5.08E-02	1.63E-01	1.56E-01	5.95E-02	1.91E-01	1.83E-01	8.83E-02	2.84E-01	2.71E-01
1303	387318.93, 3749073.71	3.52322	11.3244	10.7975	5.33E-02	1.71E-01	1.63E-01	6.24E-02	2.01E-01	1.91E-01	9.26E-02	2.98E-01	2.84E-01
1304	387318.93, 3749098.71	3.68118	11.8219	11.2715	5.57E-02	1.79E-01	1.70E-01	6.52E-02	2.09E-01	2.00E-01	9.68E-02	3.11E-01	2.96E-01

1305	387318.93, 3749123.71	3.83633	12.3023	11.7312	5.80E-02	1.86E-01	1.77E-01	6.80E-02	2.18E-01	2.08E-01	1.01E-01	3.23E-01	3.08E-01
1306	387318.93, 3749148.71	3.98176	12.7648	12.1724	6.02E-02	1.93E-01	1.84E-01	7.06E-02	2.26E-01	2.16E-01	1.05E-01	3.36E-01	3.20E-01
1307	387318.93, 3749173.71	4.11647	13.2115	12.5956	6.22E-02	2.00E-01	1.90E-01	7.29E-02	2.34E-01	2.23E-01	1.08E-01	3.47E-01	3.31E-01
1308	387318.93, 3749198.71	4.24789	13.6492	13.0108	6.42E-02	2.06E-01	1.97E-01	7.53E-02	2.42E-01	2.31E-01	1.12E-01	3.59E-01	3.42E-01
1309	387318.93, 3749223.71	4.38575	14.0898	13.4303	6.63E-02	2.13E-01	2.03E-01	7.77E-02	2.50E-01	2.38E-01	1.15E-01	3.70E-01	3.53E-01
1310	387318.93, 3749248.71	4.49558	14.5091	13.8281	6.80E-02	2.19E-01	2.09E-01	7.97E-02	2.57E-01	2.45E-01	1.18E-01	3.81E-01	3.64E-01
1311	387318.93, 3749273.71	4.65469	14.9644	14.2624	7.04E-02	2.26E-01	2.16E-01	8.25E-02	2.65E-01	2.53E-01	1.22E-01	3.93E-01	3.75E-01
1312	387318.93, 3749298.71	4.77352	15.3935	14.6695	7.22E-02	2.33E-01	2.22E-01	8.46E-02	2.73E-01	2.60E-01	1.25E-01	4.05E-01	3.86E-01
1313	387318.93, 3749323.71	4.88493	15.8194	15.0709	7.39E-02	2.39E-01	2.28E-01	8.66E-02	2.80E-01	2.67E-01	1.28E-01	4.16E-01	3.96E-01
1314	387318.93, 3749348.71	5.05784	16.3028	15.5322	7.65E-02	2.47E-01	2.35E-01	8.96E-02	2.89E-01	2.75E-01	1.33E-01	4.29E-01	4.08E-01
1315	387318.93, 3749373.71	5.17708	16.752	15.9546	7.83E-02	2.53E-01	2.41E-01	9.17E-02	2.97E-01	2.83E-01	1.36E-01	4.40E-01	4.19E-01
1316	387318.93, 3749398.71	5.28918	17.1859	16.3578	8.00E-02	2.60E-01	2.47E-01	9.37E-02	3.05E-01	2.90E-01	1.39E-01	4.52E-01	4.30E-01
1317	387318.93, 3749423.71	5.48272	17.7321	16.8811	8.29E-02	2.68E-01	2.55E-01	9.72E-02	3.14E-01	2.99E-01	1.44E-01	4.66E-01	4.44E-01
1318	387318.93, 3749448.71	5.57367	18.1528	17.2605	8.43E-02	2.74E-01	2.61E-01	9.88E-02	3.22E-01	3.06E-01	1.47E-01	4.77E-01	4.54E-01
1319	387318.93, 3749473.71	5.66614	18.6038	17.6729	8.57E-02	2.81E-01	2.67E-01	1.00E-01	3.30E-01	3.13E-01	1.49E-01	4.89E-01	4.65E-01
1320	387318.93, 3749498.71	5.75343	19.0398	18.0803	8.70E-02	2.88E-01	2.73E-01	1.02E-01	3.37E-01	3.20E-01	1.51E-01	5.01E-01	4.75E-01
1321	387318.93, 3749523.71	5.96029	19.6574	18.668	9.01E-02	2.97E-01	2.82E-01	1.06E-01	3.48E-01	3.31E-01	1.57E-01	5.17E-01	4.91E-01
1322	387318.93, 3749548.71	6.05526	20.1437	19.1257	9.16E-02	3.05E-01	2.89E-01	1.07E-01	3.57E-01	3.39E-01	1.59E-01	5.30E-01	5.03E-01
1323	387318.93, 3749573.71	6.32056	20.8811	19.829	9.56E-02	3.16E-01	3.00E-01	1.12E-01	3.70E-01	3.51E-01	1.66E-01	5.49E-01	5.21E-01
1324	387318.93, 3749598.71	6.50074	21.5451	20.4587	9.83E-02	3.26E-01	3.09E-01	1.15E-01	3.82E-01	3.63E-01	1.71E-01	5.66E-01	5.38E-01
1325	387318.93, 3749623.71	6.67331	22.1886	21.0613	1.01E-01	3.36E-01	3.18E-01	1.18E-01	3.93E-01	3.73E-01	1.75E-01	5.83E-01	5.54E-01
1326	387318.93, 3749648.71	6.97693	23.0068	21.836	1.05E-01	3.48E-01	3.30E-01	1.24E-01	4.08E-01	3.87E-01	1.83E-01	6.05E-01	5.74E-01
1327	387318.93, 3749673.71	7.0103	23.5352	22.309	1.06E-01	3.56E-01	3.37E-01	1.24E-01	4.17E-01	3.95E-01	1.84E-01	6.19E-01	5.87E-01
1328	387318.93, 3749698.71	7.1518	24.1653	22.894	1.08E-01	3.65E-01	3.46E-01	1.27E-01	4.28E-01	4.06E-01	1.88E-01	6.35E-01	6.02E-01
1329	387318.93, 3749723.71	7.28929	24.8833	23.5903	1.10E-01	3.76E-01	3.57E-01	1.29E-01	4.41E-01	4.18E-01	1.92E-01	6.54E-01	6.20E-01
1330	387318.93, 3749748.71	7.5855	25.8745	24.5473	1.15E-01	3.91E-01	3.71E-01	1.34E-01	4.58E-01	4.35E-01	1.99E-01	6.80E-01	6.45E-01
1331	387318.93, 3749773.71	7.8518	26.8842	25.5239	1.19E-01	4.07E-01	3.86E-01	1.39E-01	4.76E-01	4.52E-01	2.06E-01	7.07E-01	6.71E-01
1332	387318.93, 3749798.71	8.19806	28.0994	26.6858	1.24E-01	4.25E-01	4.04E-01	1.45E-01	4.98E-01	4.73E-01	2.16E-01	7.39E-01	7.02E-01
1333	387318.93, 3749823.71	8.45521	29.1077	27.6702	1.28E-01	4.40E-01	4.18E-01	1.50E-01	5.16E-01	4.90E-01	2.22E-01	7.65E-01	7.27E-01
1334	387318.93, 3749848.71	8.92601	30.6413	29.1504	1.35E-01	4.63E-01	4.41E-01	1.58E-01	5.43E-01	5.17E-01	2.35E-01	8.06E-01	7.66E-01
1335	387318.93, 3749873.71	9.32172	32.1143	30.5827	1.41E-01	4.86E-01	4.62E-01	1.65E-01	5.69E-01	5.42E-01	2.45E-01	8.44E-01	8.04E-01
1336	387318.93, 3749898.71	9.81136	33.8601	32.2534	1.48E-01	5.12E-01	4.88E-01	1.74E-01	6.00E-01	5.72E-01	2.58E-01	8.90E-01	8.48E-01
1337	387318.93, 3749923.71	10.3307	35.9866	34.3771	1.56E-01	5.44E-01	5.20E-01	1.83E-01	6.38E-01	6.09E-01	2.72E-01	9.46E-01	9.04E-01
1338	387318.93, 3749948.71	10.5817	37.2314	35.6171	1.60E-01	5.63E-01	5.39E-01	1.88E-01	6.60E-01	6.31E-01	2.78E-01	9.79E-01	9.36E-01
1339	387318.93, 3749973.71	11.0798	39.4891	37.8735	1.68E-01	5.97E-01	5.73E-01	1.96E-01	7.00E-01	6.71E-01	2.91E-01	1.04E+00	9.96E-01
1340	387318.93, 3749998.71	11.9554	42.5776	40.9901	1.81E-01	6.44E-01	6.20E-01	2.12E-01	7.54E-01	7.26E-01	3.14E-01	1.12E+00	1.08E+00
1341	387318.93, 3750023.71	12.9781	46.2114	44.6679	1.96E-01	6.99E-01	6.75E-01	2.30E-01	8.19E-01	7.91E-01	3.41E-01	1.21E+00	1.17E+00
1342	387318.93, 3750048.71	18.3629	58.9667	57.4519	2.78E-01	8.92E-01	8.69E-01	3.25E-01	1.04E+00	1.02E+00	4.83E-01	1.55E+00	1.51E+00
1343	387318.93, 3750073.71	20.5521	66.1866	65.1549	3.11E-01	1.00E+00	9.85E-01	3.64E-01	1.17E+00	1.15E+00	5.40E-01	1.74E+00	1.71E+00
1344	387343.93, 3748973.71	3.34147	10.7046	10.2167	5.05E-02	1.62E-01	1.54E-01	5.92E-02	1.90E-01	1.81E-01	8.78E-02	2.81E-01	2.69E-01
1345	387343.93, 3748998.71	3.61696	11.5146	10.9777	5.47E-02	1.74E-01	1.66E-01	6.41E-02	2.04E-01	1.95E-01	9.51E-02	3.03E-01	2.89E-01
1346	387343.93, 3749023.71	3.86265	12.2672	11.694	5.84E-02	1.85E-01	1.77E-01	6.84E-02	2.17E-01	2.07E-01	1.02E-01	3.23E-01	3.07E-01
1347	387343.93, 3749048.71	4.07184	12.9626	12.355	6.16E-02	1.96E-01	1.87E-01	7.22E-02	2.30E-01	2.19E-01	1.07E-01	3.41E-01	3.25E-01
1348	387343.93, 3749073.71	4.27128	13.6186	12.9793	6.46E-02	2.06E-01	1.96E-01	7.57E-02	2.41E-01	2.30E-01	1.12E-01	3.58E-01	3.41E-01
1349	387343.93, 3749098.71	4.49509	14.2666	13.5973	6.80E-02	2.16E-01	2.06E-01	7.97E-02	2.53E-01	2.41E-01	1.18E-01	3.75E-01	3.57E-01
1350	387343.93, 3749123.71	4.68135	14.8754	14.1766	7.08E-02	2.25E-01	2.14E-01	8.30E-02	2.64E-01	2.51E-01	1.23E-01	3.91E-01	3.73E-01
1351	387343.93, 3749148.71	4.87049	15.4754	14.7478	7.36E-02	2.34E-01	2.23E-01	8.63E-02	2.74E-01	2.61E-01	1.28E-01	4.07E-01	3.88E-01
1352	387343.93, 3749173.71	5.05202	16.0647	15.3075	7.64E-02	2.43E-01	2.31E-01	8.95E-02	2.85E-01	2.71E-01	1.33E-01	4.22E-01	4.02E-01
1353	387343.93, 3749198.71	5.22877	16.6522	15.8644	7.91E-02	2.52E-01	2.40E-01	9.27E-02	2.95E-01	2.81E-01	1.37E-01	4.38E-01	4.17E-01
1354	387343.93, 3749223.71	5.42031	17.2508	16.4324	8.20E-02	2.61E-01	2.48E-01	9.60E-02	3.06E-01	2.91E-01	1.43E-01	4.54E-01	4.32E-01
1355	387343.93, 3749248.71	5.57845	17.8346	16.9826	8.43E-02	2.70E-01	2.57E-01	9.88E-02	3.16E-01	3.01E-01	1.47E-01	4.69E-01	4.46E-01
1356	387343.93, 3749273.71	5.79102	18.4686	17.5848	8.76E-02	2.79E-01	2.66E-01	1.03E-01	3.27E-01	3.12E-01	1.52E-01	4.86E-01	4.62E-01
1357	387343.93, 3749298.71	5.95747	19.0777	18.1558	9.01E-02	2.88E-01	2.75E-01	1.06E-01	3.38E-01	3.22E-01	1.57E-01	5.02E-01	4.77E-01
1358	387343.93, 3749323.71	6.13472	19.7055	18.742	9.28E-02	2.98E-01	2.83E-01	1.09E-01	3.49E-01	3.32E-01	1.61E-01	5.18E-01	4.93E-01
1359	387343.93, 3749348.71	6.35019	20.3881	19.3841	9.60E-02	3.08E-01	2.93E-01	1.13E-01	3.61E-01	3.43E-01	1.67E-01	5.36E-01	5.10E-01
1360	387343.93, 3749373.71	6.52436	21.0325	19.9823	9.87E-02	3.18E-01	3.02E-01	1.16E-01	3.73E-01	3.54E-01	1.72E-01	5.53E-01	5.25E-01
1361	387343.93, 3749398.71	6.743	21.7665	20.6788	1.02E-01	3.29E-01	3.13E-01	1.19E-01	3.86E-01	3.66E-01	1.77E-01	5.72E-01	5.44E-01
1362	387343.93, 3749423.71	7.03564	22.6169	21.4886	1.06E-01	3.42E-01	3.25E-01	1.25E-01	4.01E-01	3.81E-01	1.85E-01	5.95E-01	5.65E-01
1363	387343.93, 3749448.71	7.21803	23.3272	22.1592	1.09E-01	3.53E-01	3.35E-01	1.28E-01	4.13E-01	3.93E-01	1.90E-01	6.13E-01	5.83E-01
1364	387343.93, 3749473.71	7.37925	24.0721	22.8552	1.12E-01	3.64E-01	3.46E-01	1.31E-01	4.27E-01	4.05E-01	1.94E-01	6.33E-01	6.01E-01
1365	387343.93, 3749498.71	7.59813	24.8793	23.6032	1.15E-01	3.76E-01	3.57E-01	1.35E-01	4.41E-01	4.18E-01	2.00E-01	6.54E-01	6.21E-01
1366	387343.93, 3749523.71	7.75163	25.6434	24.2999	1.17E-01	3.88E-01	3.67E-01	1.37E-01	4.54E-01	4.31E-01	2.04E-01	6.74E-01	6.39E-01
1367	387343.93, 3749548.71	8.09081	26.7642	25.3646	1.22E-01	4.05E-01	3.84E-01	1.43E-01	4.74E-01	4.49E-01	2.13E-01	7.04E-01	6.67E-01
1368	387343.93, 3749573.71	8.52041	28.0378	26.5747	1.29E-01	4.24E-01	4.02E-01	1.51E-01	4.97E-01	4.71E-01	2.24E-01	7.37E-01	6.99E-01
1369	387343.93, 3749598.71	8.84289	29.278	27.774	1.34E-01	4.43E-01	4.20E-01	1.57E-01	5.19E-01	4.92E-01	2.32E-01	7.70E-01	7.30E-01
1370	387343.93, 3749623.71	9.25488	30.5848	29.0498	1.40E-01	4.62E-01	4.39E-01	1.64E-01	5.42E-01	5.15E-01	2.43E-01	8.04E-01	7.64E-01
1371	387343.93, 3749648.71	9.69141	32.1281	30.541	1.47E-01	4.86E-01	4.62E-01	1.72E-01	5.69E-01	5.41E-01	2.55E-01	8.45E-01	8.03E-01
1372	387343.93, 3749673.71	9.96085	33.423	31.8205	1.51E-01	5.05E-01	4.81E-01	1.77E-01	5.92E-01	5.64E-01	2.62E-01	8.79E-01	8.37E-01
1373	387343.93, 3749698.71	10.2509	34.771	33.1339	1.55E-01	5.26E-01	5.01E-01	1.82E-01	6.16E-01	5.87E-01	2.69E-01	9.14E-01	8.71E-01
1374	387343.93, 3749723.71	10.7477	36.8557	35.2255	1.63E-01	5.57E-01	5.33E-01	1.90E-01	6.53E-01	6.24E-01	2.83E-01	9.69E-01	9.26E-01
1375	387343.93, 3749748.71	11.213	38.6788	37.0372	1.70E-01	5.85E-01	5.60E-01	1.99E-01	6.85E-01	6.56E-01	2.95E-01	1.02E+00	9.74E-01
1376	387343.93, 3749773.71	11.8933	41.5173	39.8949	1.80E-01	6.28E-01	6.03E-01	2.11E-01	7.36E-01	7.07E-01	3.13E-01	1.09E+00	1.05E+00
1377	387343.93, 3749798.71	13.0316	45.3656	43.863	1.97E-01	6.86E-01	6.63E-01	2.31E-01	8.04E-01	7.77E-01	3.43E-01	1.19E+00	1.15E+00
1378	387343.93, 3749823.71	17.4073	55.3356	53.653	2.63E-01	8.37E-01	8.11E-01	3.08E-01	9.81E-01	9.51E-01	4.58E-01	1.45E+00	1.41E+00
1379	387343.93, 3749848.71	18.2909	58.7513	57.8432	2.77E-01	8.88E-01	8.75E-01	3.24E-01	1.04E+00	1.02E+00	4.81E-01	1.54E+00	1.52E+00
1380	387343.93, 3749873.71	20.6272	67.4796	66.7096	3.12E-01	1.02E+00	1.01E+00	3.66E-01	1.20E+00	1.18E+00	5.42E-01	1.77E+00	1.75E+00
1381	387368.93, 3748973.71	3.8031	14.6802	14.0048	5.75E-02	2.22E-01	2.12E-01	6.74E-02	2.60E-01	2.48E-01	1.00E-01	3.86E-01	3.68E-01

1382	387368.93, 3748998.71	4.23128	15.7009	14.8762	6.40E-02	2.37E-01	2.25E-01	7.50E-02	2.78E-01	2.64E-01	1.11E-01	4.13E-01	3.91E-01
1383	387368.93, 3749023.71	4.75077	15.2291	14.583	7.18E-02	2.30E-01	2.21E-01	8.42E-02	2.70E-01	2.58E-01	1.25E-01	4.00E-01	3.83E-01
1384	387368.93, 3749048.71	5.14341	16.2143	15.4403	7.78E-02	2.45E-01	2.33E-01	9.11E-02	2.87E-01	2.74E-01	1.35E-01	4.26E-01	4.06E-01
1385	387368.93, 3749073.71	5.45179	17.1231	16.3055	8.24E-02	2.59E-01	2.47E-01	9.66E-02	3.03E-01	2.89E-01	1.43E-01	4.50E-01	4.29E-01
1386	387368.93, 3749098.71	5.72393	17.9877	17.1258	8.65E-02	2.72E-01	2.59E-01	1.01E-01	3.19E-01	3.03E-01	1.50E-01	4.73E-01	4.50E-01
1387	387368.93, 3749123.71	5.97744	18.8315	17.924	9.04E-02	2.85E-01	2.71E-01	1.06E-01	3.34E-01	3.18E-01	1.57E-01	4.95E-01	4.71E-01
1388	387368.93, 3749148.71	6.24389	19.6828	18.7286	9.44E-02	2.98E-01	2.83E-01	1.11E-01	3.49E-01	3.32E-01	1.64E-01	5.17E-01	4.92E-01
1389	387368.93, 3749173.71	6.52665	20.5535	19.5519	9.87E-02	3.11E-01	2.96E-01	1.16E-01	3.64E-01	3.46E-01	1.72E-01	5.40E-01	5.14E-01
1390	387368.93, 3749198.71	6.79033	21.4273	20.3735	1.03E-01	3.24E-01	3.08E-01	1.20E-01	3.80E-01	3.61E-01	1.79E-01	5.63E-01	5.36E-01
1391	387368.93, 3749223.71	7.105	22.363	21.2576	1.07E-01	3.38E-01	3.21E-01	1.26E-01	3.96E-01	3.77E-01	1.87E-01	5.88E-01	5.59E-01
1392	387368.93, 3749248.71	7.36494	23.2866	22.1309	1.11E-01	3.52E-01	3.35E-01	1.31E-01	4.13E-01	3.92E-01	1.94E-01	6.12E-01	5.82E-01
1393	387368.93, 3749273.71	7.67998	24.2913	23.0853	1.16E-01	3.67E-01	3.49E-01	1.36E-01	4.30E-01	4.09E-01	2.02E-01	6.39E-01	6.07E-01
1394	387368.93, 3749298.71	7.98566	25.3257	24.0686	1.21E-01	3.83E-01	3.64E-01	1.42E-01	4.49E-01	4.26E-01	2.10E-01	6.66E-01	6.33E-01
1395	387368.93, 3749323.71	8.30722	26.4159	25.0954	1.26E-01	3.99E-01	3.79E-01	1.47E-01	4.68E-01	4.45E-01	2.18E-01	6.94E-01	6.60E-01
1396	387368.93, 3749348.71	8.68301	27.6211	26.2291	1.31E-01	4.18E-01	3.97E-01	1.54E-01	4.89E-01	4.65E-01	2.28E-01	7.26E-01	6.90E-01
1397	387368.93, 3749373.71	9.05664	28.8649	27.3916	1.37E-01	4.36E-01	4.14E-01	1.60E-01	5.11E-01	4.85E-01	2.38E-01	7.59E-01	7.20E-01
1398	387368.93, 3749398.71	9.42443	30.2077	28.6429	1.43E-01	4.57E-01	4.33E-01	1.67E-01	5.35E-01	5.08E-01	2.48E-01	7.94E-01	7.53E-01
1399	387368.93, 3749423.71	9.79219	31.5686	29.9297	1.48E-01	4.77E-01	4.53E-01	1.74E-01	5.59E-01	5.30E-01	2.57E-01	8.30E-01	7.87E-01
1400	387368.93, 3749448.71	10.3169	33.259	31.5884	1.56E-01	5.03E-01	4.78E-01	1.83E-01	5.89E-01	5.60E-01	2.71E-01	8.74E-01	8.30E-01
1401	387368.93, 3749473.71	10.69	34.8905	33.192	1.62E-01	5.28E-01	5.02E-01	1.89E-01	6.18E-01	5.88E-01	2.81E-01	9.17E-01	8.73E-01
1402	387368.93, 3749498.71	11.0945	36.4739	34.7803	1.68E-01	5.52E-01	5.26E-01	1.97E-01	6.46E-01	6.16E-01	2.92E-01	9.59E-01	9.14E-01
1403	387368.93, 3749523.71	11.4052	38.3633	36.6819	1.72E-01	5.80E-01	5.55E-01	2.02E-01	6.80E-01	6.50E-01	3.00E-01	1.01E+00	9.64E-01
1404	387368.93, 3749548.71	12.0698	40.7816	39.1004	1.83E-01	6.17E-01	5.91E-01	2.14E-01	7.23E-01	6.93E-01	3.17E-01	1.07E+00	1.03E+00
1405	387368.93, 3749573.71	13.5844	45.0668	43.3489	2.05E-01	6.81E-01	6.55E-01	2.41E-01	7.99E-01	7.68E-01	3.57E-01	1.18E+00	1.14E+00
1406	387368.93, 3749598.71	15.1113	50.0816	48.4585	2.28E-01	7.57E-01	7.33E-01	2.68E-01	8.87E-01	8.59E-01	3.97E-01	1.32E+00	1.27E+00
1407	387368.93, 3749623.71	15.2853	51.7613	50.1668	2.31E-01	7.83E-01	7.59E-01	2.71E-01	9.17E-01	8.89E-01	4.02E-01	1.36E+00	1.32E+00
1408	387368.93, 3749648.71	17.8865	60.5191	59.388	2.70E-01	9.15E-01	8.98E-01	3.17E-01	1.07E+00	1.05E+00	4.70E-01	1.59E+00	1.56E+00
1409	387368.93, 3749673.71	20.1594	67.0076	66.252	3.05E-01	1.01E+00	1.00E+00	3.57E-01	1.19E+00	1.17E+00	5.30E-01	1.76E+00	1.74E+00
1410	387393.93, 3748973.71	5.34492	17.4129	16.7636	8.08E-02	2.63E-01	2.53E-01	9.47E-02	3.09E-01	2.97E-01	1.41E-01	4.58E-01	4.41E-01
1411	387393.93, 3748998.71	6.08908	18.8791	17.9475	9.21E-02	2.85E-01	2.71E-01	1.08E-01	3.35E-01	3.18E-01	1.60E-01	4.96E-01	4.72E-01
1412	387393.93, 3749023.71	6.56102	20.3298	19.3233	9.92E-02	3.07E-01	2.92E-01	1.16E-01	3.60E-01	3.42E-01	1.72E-01	5.34E-01	5.08E-01
1413	387393.93, 3749048.71	7.0103	21.7201	20.6437	1.06E-01	3.28E-01	3.12E-01	1.24E-01	3.85E-01	3.66E-01	1.84E-01	5.71E-01	5.43E-01
1414	387393.93, 3749073.71	7.44451	23.077	21.9322	1.13E-01	3.49E-01	3.32E-01	1.32E-01	4.09E-01	3.89E-01	1.96E-01	6.07E-01	5.77E-01
1415	387393.93, 3749098.71	7.87846	24.4358	23.2242	1.19E-01	3.69E-01	3.51E-01	1.40E-01	4.33E-01	4.12E-01	2.07E-01	6.42E-01	6.11E-01
1416	387393.93, 3749123.71	8.32298	25.8284	24.5487	1.26E-01	3.91E-01	3.71E-01	1.47E-01	4.58E-01	4.35E-01	2.19E-01	6.79E-01	6.45E-01
1417	387393.93, 3749148.71	8.77627	27.2749	25.9161	1.33E-01	4.12E-01	3.92E-01	1.56E-01	4.83E-01	4.59E-01	2.31E-01	7.17E-01	6.81E-01
1418	387393.93, 3749173.71	9.26991	28.8163	27.3695	1.40E-01	4.36E-01	4.14E-01	1.64E-01	5.11E-01	4.85E-01	2.44E-01	7.58E-01	7.20E-01
1419	387393.93, 3749198.71	9.79053	30.4661	28.9223	1.48E-01	4.61E-01	4.37E-01	1.73E-01	5.40E-01	5.12E-01	2.57E-01	8.01E-01	7.60E-01
1420	387393.93, 3749223.71	10.35	32.2507	30.5982	1.56E-01	4.88E-01	4.63E-01	1.83E-01	5.71E-01	5.42E-01	2.72E-01	8.48E-01	8.04E-01
1421	387393.93, 3749248.71	10.9635	34.2139	32.4462	1.66E-01	5.17E-01	4.91E-01	1.94E-01	6.06E-01	5.75E-01	2.88E-01	8.99E-01	8.53E-01
1422	387393.93, 3749273.71	11.6157	36.3559	34.4874	1.76E-01	5.50E-01	5.21E-01	2.06E-01	6.44E-01	6.11E-01	3.05E-01	9.56E-01	9.07E-01
1423	387393.93, 3749298.71	12.3554	38.7682	36.8881	1.87E-01	5.86E-01	5.58E-01	2.19E-01	6.87E-01	6.54E-01	3.25E-01	1.02E+00	9.70E-01
1424	387393.93, 3749323.71	13.183	41.5624	39.6238	1.99E-01	6.28E-01	5.99E-01	2.34E-01	7.36E-01	7.02E-01	3.47E-01	1.09E+00	1.04E+00
1425	387393.93, 3749348.71	14.0975	44.6942	42.798	2.13E-01	6.76E-01	6.47E-01	2.50E-01	7.92E-01	7.58E-01	3.71E-01	1.18E+00	1.13E+00
1426	387393.93, 3749373.71	15.0846	48.3416	46.5608	2.28E-01	7.31E-01	7.04E-01	2.67E-01	8.57E-01	8.25E-01	3.97E-01	1.27E+00	1.22E+00
1427	387393.93, 3749398.71	17.0623	53.8755	52.0898	2.58E-01	8.15E-01	7.88E-01	3.02E-01	9.55E-01	9.23E-01	4.49E-01	1.42E+00	1.37E+00
1428	387393.93, 3749423.71	18.4298	59.1185	57.7106	2.79E-01	8.94E-01	8.73E-01	3.27E-01	1.05E+00	1.02E+00	4.85E-01	1.55E+00	1.52E+00
1429	387393.93, 3749448.71	20.7706	66.8348	65.8364	3.14E-01	1.01E+00	9.95E-01	3.68E-01	1.18E+00	1.17E+00	5.46E-01	1.76E+00	1.73E+00
1430	387418.93, 3748973.71	8.25235	25.2787	23.9953	1.25E-01	3.82E-01	3.63E-01	1.46E-01	4.48E-01	4.25E-01	2.17E-01	6.65E-01	6.31E-01
1431	387418.93, 3748998.71	9.10947	27.9195	26.4916	1.38E-01	4.22E-01	4.01E-01	1.61E-01	4.95E-01	4.69E-01	2.39E-01	7.34E-01	6.96E-01
1432	387418.93, 3749023.71	9.92223	30.4416	28.8704	1.50E-01	4.60E-01	4.37E-01	1.76E-01	5.39E-01	5.12E-01	2.61E-01	8.00E-01	7.59E-01
1433	387418.93, 3749048.71	10.7372	32.9859	31.2847	1.62E-01	4.99E-01	4.73E-01	1.90E-01	5.84E-01	5.54E-01	2.82E-01	8.67E-01	8.22E-01
1434	387418.93, 3749073.71	11.5833	35.6541	33.8354	1.75E-01	5.39E-01	5.12E-01	2.05E-01	6.32E-01	6.00E-01	3.05E-01	9.37E-01	8.90E-01
1435	387418.93, 3749098.71	12.4967	38.5454	36.6844	1.89E-01	5.83E-01	5.55E-01	2.21E-01	6.83E-01	6.50E-01	3.29E-01	1.01E+00	9.64E-01
1436	387418.93, 3749123.71	13.5025	41.7975	39.849	2.04E-01	6.32E-01	6.03E-01	2.39E-01	7.41E-01	7.06E-01	3.55E-01	1.10E+00	1.05E+00
1437	387418.93, 3749148.71	14.5966	45.4616	43.527	2.21E-01	6.87E-01	6.58E-01	2.59E-01	8.06E-01	7.71E-01	3.84E-01	1.20E+00	1.14E+00
1438	387418.93, 3749173.71	15.9771	49.8927	48.0192	2.42E-01	7.54E-01	7.26E-01	2.83E-01	8.84E-01	8.51E-01	4.20E-01	1.31E+00	1.26E+00
1439	387418.93, 3749198.71	17.4123	54.7835	53.1904	2.63E-01	8.28E-01	8.04E-01	3.09E-01	9.71E-01	9.43E-01	4.58E-01	1.44E+00	1.40E+00
1440	387418.93, 3749223.71	19.3937	61.4948	60.2014	2.93E-01	9.30E-01	9.10E-01	3.44E-01	1.09E+00	1.07E+00	5.10E-01	1.62E+00	1.58E+00
1441	387418.93, 3749248.71	21.4701	69.2546	68.4142	3.25E-01	1.05E+00	1.03E+00	3.80E-01	1.23E+00	1.21E+00	5.64E-01	1.82E+00	1.80E+00
1442	387443.93, 3748973.71	15.162	47.1051	45.6221	2.29E-01	7.12E-01	6.90E-01	2.69E-01	8.35E-01	8.08E-01	3.99E-01	1.24E+00	1.20E+00
1443	387443.93, 3748998.71	17.214	53.9177	52.5891	2.60E-01	8.15E-01	7.95E-01	3.05E-01	9.55E-01	9.32E-01	4.53E-01	1.42E+00	1.38E+00
1444	387443.93, 3749023.71	19.4535	61.6293	60.6719	2.94E-01	9.32E-01	9.17E-01	3.45E-01	1.09E+00	1.08E+00	5.11E-01	1.62E+00	1.60E+00
1445	387443.93, 3749048.71	22.0381	71.5129	70.7079	3.33E-01	1.08E+00	1.07E+00	3.91E-01	1.27E+00	1.25E+00	5.79E-01	1.88E+00	1.86E+00
1446	386594.45, 3751402.42	0.91167	5.19926	5.07246	1.38E-02	7.86E-02	7.67E-02	1.62E-02	9.21E-02	8.99E-02	2.40E-02	1.37E-01	1.33E-01
1447	386594.45, 3751452.42	0.90102	5.23288	5.09314	1.36E-02	7.91E-02	7.70E-02	1.60E-02	9.27E-02	9.02E-02	2.37E-02	1.38E-01	1.34E-01
1448	386594.45, 3751502.42	0.89042	5.22121	5.08387	1.35E-02	7.89E-02	7.69E-02	1.58E-02	9.25E-02	9.01E-02	2.34E-02	1.37E-01	1.34E-01
1449	386594.45, 3751552.42	0.87711	5.22546	5.08834	1.33E-02	7.90E-02	7.69E-02	1.55E-02	9.26E-02	9.02E-02	2.31E-02	1.37E-01	1.34E-01
1450	386594.45, 3751602.42	0.85815	5.24753	5.11719	1.30E-02	7.93E-02	7.74E-02	1.52E-02	9.30E-02	9.07E-02	2.26E-02	1.38E-01	1.35E-01
1451	386594.45, 3751652.42	0.83756	5.27108	5.12009	1.27E-02	7.97E-02	7.74E-02	1.48E-02	9.34E-02	9.07E-02	2.20E-02	1.39E-01	1.35E-01
1452	386594.45, 3751702.42	0.81613	5.2722	5.10045	1.23E-02	7.97E-02	7.71E-02	1.45E-02	9.34E-02	9.04E-02	2.15E-02	1.39E-01	1.34E-01
1453	386594.45, 3751752.42	0.79267	5.25136	5.0706	1.20E-02	7.94E-02	7.67E-02	1.40E-02	9.31E-02	8.98E-02	2.08E-02	1.38E-01	1.33E-01
1454	386594.45, 3751802.42	0.76332	5.24005	5.07867	1.15E-02	7.92E-02	7.68E-02	1.35E-02	9.29E-02	9.00E-02	2.01E-02	1.38E-01	1.34E-01
1455	386594.45, 3751852.42	0.72946	5.24618	5.10641	1.10E-02	7.93E-02	7.72E-02	1.29E-02	9.30E-02	9.05E-02	1.92E-02	1.38E-01	1.34E-01
1456	386644.45, 3750852.42	1.0158	5.28472	5.1818	1.54E-02	7.99E-02	7.84E-02	1.80E-02	9.36E-02	9.18E-02	2.67E-02	1.39E-01	1.36E-01
1457	386644.45, 3750902.42	1.04453	4.78783	4.69355	1.58E-02	7.24E-02	7.10E-02	1.85E-02	8.48E-02	8.32E-02	2.75E-02	1.26E-01	1.23E-01
1458	386644.45, 3750952.42	1.05224	4.70864	4.59145	1.59E-02	7.12E-02	6.94E-02	1.86E-02	8.34E-02	8.14E-02	2.77E-02	1.24E-01	1.21E-01

1459	386644.45, 3751002.42	1.01947	5.38496	5.28202	1.54E-02	8.14E-02	7.99E-02	1.81E-02	9.54E-02	9.36E-02	2.68E-02	1.42E-01	1.39E-01
1460	386644.45, 3751052.42	1.07491	4.41478	4.29586	1.63E-02	6.68E-02	6.50E-02	1.90E-02	7.82E-02	7.61E-02	2.83E-02	1.16E-01	1.13E-01
1461	386644.45, 3751102.42	1.07822	4.41522	4.30303	1.63E-02	6.68E-02	6.51E-02	1.91E-02	7.82E-02	7.62E-02	2.83E-02	1.16E-01	1.13E-01
1462	386644.45, 3751152.42	1.06517	4.71171	4.5564	1.61E-02	7.12E-02	6.89E-02	1.89E-02	8.35E-02	8.07E-02	2.80E-02	1.24E-01	1.20E-01
1463	386644.45, 3751202.42	1.03035	5.3246	5.18425	1.56E-02	8.05E-02	7.84E-02	1.83E-02	9.43E-02	9.19E-02	2.71E-02	1.40E-01	1.36E-01
1464	386644.45, 3751252.42	1.01079	5.51934	5.42571	1.53E-02	8.35E-02	8.20E-02	1.79E-02	9.78E-02	9.61E-02	2.66E-02	1.45E-01	1.43E-01
1465	386644.45, 3751302.42	1.01429	5.47304	5.38261	1.53E-02	8.28E-02	8.14E-02	1.80E-02	9.70E-02	9.54E-02	2.67E-02	1.44E-01	1.42E-01
1466	386644.45, 3751352.42	1.00583	5.55713	5.43698	1.52E-02	8.40E-02	8.22E-02	1.78E-02	9.85E-02	9.63E-02	2.64E-02	1.46E-01	1.43E-01
1467	386644.45, 3751402.42	1.00059	5.55054	5.4211	1.51E-02	8.39E-02	8.20E-02	1.77E-02	9.84E-02	9.61E-02	2.63E-02	1.46E-01	1.43E-01
1468	386644.45, 3751452.42	0.98689	5.59015	5.45556	1.49E-02	8.45E-02	8.25E-02	1.75E-02	9.91E-02	9.67E-02	2.59E-02	1.47E-01	1.43E-01
1469	386644.45, 3751502.42	0.97963	5.56533	5.4366	1.48E-02	8.42E-02	8.22E-02	1.74E-02	9.86E-02	9.63E-02	2.58E-02	1.46E-01	1.43E-01
1470	386644.45, 3751552.42	0.96475	5.57955	5.45491	1.46E-02	8.44E-02	8.25E-02	1.71E-02	9.89E-02	9.67E-02	2.54E-02	1.47E-01	1.43E-01
1471	386644.45, 3751602.42	0.94682	5.60084	5.46355	1.43E-02	8.47E-02	8.26E-02	1.68E-02	9.92E-02	9.68E-02	2.49E-02	1.47E-01	1.44E-01
1472	386644.45, 3751652.42	0.92684	5.60979	5.44011	1.40E-02	8.48E-02	8.23E-02	1.64E-02	9.94E-02	9.64E-02	2.44E-02	1.47E-01	1.43E-01
1473	386644.45, 3751702.42	0.90111	5.61535	5.4312	1.36E-02	8.49E-02	8.21E-02	1.60E-02	9.95E-02	9.62E-02	2.37E-02	1.48E-01	1.43E-01
1474	386644.45, 3751752.42	0.8737	5.5882	5.40374	1.32E-02	8.45E-02	8.17E-02	1.55E-02	9.90E-02	9.58E-02	2.30E-02	1.47E-01	1.42E-01
1475	386644.45, 3751802.42	0.83944	5.57555	5.41774	1.27E-02	8.43E-02	8.19E-02	1.49E-02	9.88E-02	9.60E-02	2.21E-02	1.47E-01	1.42E-01
1476	386644.45, 3751852.42	0.80414	5.56593	5.42789	1.22E-02	8.42E-02	8.21E-02	1.42E-02	9.86E-02	9.62E-02	2.11E-02	1.46E-01	1.43E-01
1477	386694.45, 3750252.42	1.02073	5.24154	5.113	1.54E-02	7.93E-02	7.73E-02	1.81E-02	9.29E-02	9.06E-02	2.68E-02	1.38E-01	1.34E-01
1478	386694.45, 3750302.42	1.02989	5.27411	5.1338	1.56E-02	7.97E-02	7.76E-02	1.82E-02	9.35E-02	9.10E-02	2.71E-02	1.39E-01	1.35E-01
1479	386694.45, 3750352.42	1.03901	5.2773	5.10345	1.57E-02	7.98E-02	7.72E-02	1.84E-02	9.35E-02	9.04E-02	2.73E-02	1.39E-01	1.34E-01
1480	386694.45, 3750402.42	1.04926	5.26523	5.09124	1.59E-02	7.96E-02	7.70E-02	1.86E-02	9.33E-02	9.02E-02	2.76E-02	1.38E-01	1.34E-01
1481	386694.45, 3750452.42	1.05688	5.29117	5.15753	1.60E-02	8.00E-02	7.80E-02	1.87E-02	9.38E-02	9.14E-02	2.78E-02	1.39E-01	1.36E-01
1482	386694.45, 3750502.42	1.06635	5.23485	5.1333	1.61E-02	7.92E-02	7.76E-02	1.89E-02	9.28E-02	9.10E-02	2.80E-02	1.38E-01	1.35E-01
1483	386694.45, 3750552.42	1.07718	5.24814	5.18914	1.63E-02	7.94E-02	7.85E-02	1.91E-02	9.30E-02	9.19E-02	2.83E-02	1.38E-01	1.36E-01
1484	386694.45, 3750602.42	1.08181	5.35896	5.28273	1.64E-02	8.10E-02	7.99E-02	1.92E-02	9.50E-02	9.36E-02	2.84E-02	1.41E-01	1.39E-01
1485	386694.45, 3750652.42	1.09028	5.36275	5.29921	1.65E-02	8.11E-02	8.01E-02	1.93E-02	9.50E-02	9.39E-02	2.87E-02	1.41E-01	1.39E-01
1486	386694.45, 3750702.42	1.09455	5.48192	5.39924	1.66E-02	8.29E-02	8.16E-02	1.94E-02	9.71E-02	9.57E-02	2.88E-02	1.44E-01	1.42E-01
1487	386694.45, 3750752.42	1.10124	5.53177	5.43981	1.67E-02	8.36E-02	8.23E-02	1.95E-02	9.80E-02	9.64E-02	2.90E-02	1.45E-01	1.43E-01
1488	386694.45, 3750802.42	1.10721	5.57667	5.47682	1.67E-02	8.43E-02	8.28E-02	1.96E-02	9.88E-02	9.70E-02	2.91E-02	1.47E-01	1.44E-01
1489	386694.45, 3750852.42	1.10927	5.62085	5.51685	1.68E-02	8.50E-02	8.34E-02	1.97E-02	9.96E-02	9.78E-02	2.92E-02	1.48E-01	1.45E-01
1490	386694.45, 3750902.42	1.14021	5.1742	5.05687	1.72E-02	7.82E-02	7.65E-02	2.02E-02	9.17E-02	8.96E-02	3.00E-02	1.36E-01	1.33E-01
1491	386694.45, 3750952.42	1.1379	5.46506	5.30852	1.72E-02	8.26E-02	8.03E-02	2.02E-02	9.68E-02	9.41E-02	2.99E-02	1.44E-01	1.40E-01
1492	386694.45, 3751002.42	1.09675	5.82742	5.73206	1.66E-02	8.81E-02	8.67E-02	1.94E-02	1.03E-01	1.02E-01	2.88E-02	1.53E-01	1.51E-01
1493	386694.45, 3751052.42	1.09163	5.87992	5.78158	1.65E-02	8.89E-02	8.74E-02	1.93E-02	1.04E-01	1.02E-01	2.87E-02	1.55E-01	1.52E-01
1494	386694.45, 3751102.42	1.10309	5.87564	5.77143	1.67E-02	8.88E-02	8.73E-02	1.95E-02	1.04E-01	1.02E-01	2.90E-02	1.54E-01	1.52E-01
1495	386694.45, 3751152.42	1.11104	5.86548	5.76803	1.68E-02	8.87E-02	8.72E-02	1.97E-02	1.04E-01	1.02E-01	2.92E-02	1.54E-01	1.52E-01
1496	386694.45, 3751202.42	1.10809	5.90053	5.80347	1.68E-02	8.92E-02	8.78E-02	1.96E-02	1.05E-01	1.03E-01	2.91E-02	1.55E-01	1.53E-01
1497	386694.45, 3751252.42	1.10689	5.92845	5.83901	1.67E-02	8.96E-02	8.83E-02	1.96E-02	1.05E-01	1.03E-01	2.91E-02	1.56E-01	1.54E-01
1498	386694.45, 3751302.42	1.11955	5.87029	5.775	1.69E-02	8.88E-02	8.73E-02	1.98E-02	1.04E-01	1.02E-01	2.94E-02	1.54E-01	1.52E-01
1499	386694.45, 3751352.42	1.11746	5.91713	5.78985	1.69E-02	8.95E-02	8.75E-02	1.98E-02	1.05E-01	1.03E-01	2.94E-02	1.56E-01	1.52E-01
1500	386694.45, 3751402.42	1.11216	5.91165	5.73446	1.68E-02	8.94E-02	8.67E-02	1.97E-02	1.05E-01	1.02E-01	2.92E-02	1.55E-01	1.51E-01
1501	386694.45, 3751452.42	1.10361	5.89146	5.72489	1.67E-02	8.91E-02	8.66E-02	1.96E-02	1.04E-01	1.01E-01	2.90E-02	1.55E-01	1.51E-01
1502	386694.45, 3751502.42	1.09053	5.8823	5.74241	1.65E-02	8.89E-02	8.68E-02	1.93E-02	1.04E-01	1.02E-01	2.87E-02	1.55E-01	1.51E-01
1503	386694.45, 3751552.42	1.07613	5.89605	5.76584	1.63E-02	8.92E-02	8.72E-02	1.91E-02	1.04E-01	1.02E-01	2.83E-02	1.55E-01	1.52E-01
1504	386694.45, 3751602.42	1.05794	5.92311	5.76376	1.60E-02	8.96E-02	8.72E-02	1.87E-02	1.05E-01	1.02E-01	2.78E-02	1.56E-01	1.52E-01
1505	386694.45, 3751652.42	1.03176	6.00332	5.8019	1.56E-02	9.08E-02	8.77E-02	1.83E-02	1.06E-01	1.03E-01	2.71E-02	1.58E-01	1.53E-01
1506	386694.45, 3751702.42	1.00461	6.01364	5.81978	1.52E-02	9.09E-02	8.80E-02	1.78E-02	1.07E-01	1.03E-01	2.64E-02	1.58E-01	1.53E-01
1507	386694.45, 3751752.42	0.97281	5.97822	5.79826	1.47E-02	9.04E-02	8.77E-02	1.72E-02	1.06E-01	1.03E-01	2.56E-02	1.57E-01	1.52E-01
1508	386694.45, 3751802.42	0.93676	5.87064	5.7462	1.42E-02	8.88E-02	8.69E-02	1.66E-02	1.04E-01	1.02E-01	2.46E-02	1.54E-01	1.51E-01
1509	386694.45, 3751852.42	0.89081	5.98103	5.84401	1.35E-02	9.04E-02	8.84E-02	1.58E-02	1.06E-01	1.04E-01	2.34E-02	1.57E-01	1.54E-01
1510	386744.45, 3749702.42	0.98591	3.73975	3.62934	1.49E-02	5.65E-02	5.49E-02	1.75E-02	6.63E-02	6.43E-02	2.59E-02	9.83E-02	9.54E-02
1511	386744.45, 3749752.42	0.97861	4.81974	4.71057	1.48E-02	7.29E-02	7.12E-02	1.73E-02	8.54E-02	8.35E-02	2.57E-02	1.27E-01	1.24E-01
1512	386744.45, 3749802.42	0.99782	4.77317	4.68656	1.51E-02	7.22E-02	7.09E-02	1.77E-02	8.46E-02	8.30E-02	2.62E-02	1.25E-01	1.23E-01
1513	386744.45, 3749852.42	1.00936	5.05101	4.99591	1.53E-02	7.64E-02	7.55E-02	1.79E-02	8.95E-02	8.85E-02	2.65E-02	1.33E-01	1.31E-01
1514	386744.45, 3749902.42	1.02699	4.9937	4.93411	1.55E-02	7.55E-02	7.46E-02	1.82E-02	8.85E-02	8.74E-02	2.70E-02	1.31E-01	1.30E-01
1515	386744.45, 3749952.42	1.04119	5.17255	5.10768	1.57E-02	7.82E-02	7.72E-02	1.84E-02	9.17E-02	9.05E-02	2.74E-02	1.36E-01	1.34E-01
1516	386744.45, 3750002.42	1.05455	5.22061	5.15987	1.59E-02	7.89E-02	7.80E-02	1.87E-02	9.25E-02	9.14E-02	2.77E-02	1.37E-01	1.36E-01
1517	386744.45, 3750052.42	1.06365	5.30476	5.25172	1.61E-02	8.02E-02	7.94E-02	1.88E-02	9.40E-02	9.31E-02	2.80E-02	1.39E-01	1.38E-01
1518	386744.45, 3750102.42	1.07908	5.36731	5.29122	1.63E-02	8.12E-02	8.00E-02	1.91E-02	9.51E-02	9.38E-02	2.84E-02	1.41E-01	1.39E-01
1519	386744.45, 3750152.42	1.0883	5.45533	5.37548	1.65E-02	8.25E-02	8.13E-02	1.93E-02	9.67E-02	9.53E-02	2.86E-02	1.43E-01	1.41E-01
1520	386744.45, 3750202.42	1.10177	5.50049	5.36896	1.67E-02	8.32E-02	8.12E-02	1.95E-02	9.75E-02	9.51E-02	2.90E-02	1.45E-01	1.41E-01
1521	386744.45, 3750252.42	1.11048	5.5715	5.42707	1.68E-02	8.42E-02	8.21E-02	1.97E-02	9.87E-02	9.62E-02	2.92E-02	1.46E-01	1.43E-01
1522	386744.45, 3750302.42	1.12152	5.53425	5.3664	1.70E-02	8.37E-02	8.11E-02	1.99E-02	9.81E-02	9.51E-02	2.95E-02	1.45E-01	1.41E-01
1523	386744.45, 3750352.42	1.13114	5.59173	5.41201	1.71E-02	8.45E-02	8.18E-02	2.00E-02	9.91E-02	9.59E-02	2.97E-02	1.47E-01	1.42E-01
1524	386744.45, 3750402.42	1.14225	5.56984	5.39873	1.73E-02	8.42E-02	8.16E-02	2.02E-02	9.87E-02	9.57E-02	3.00E-02	1.46E-01	1.42E-01
1525	386744.45, 3750452.42	1.15572	5.52088	5.41907	1.75E-02	8.35E-02	8.19E-02	2.05E-02	9.78E-02	9.60E-02	3.04E-02	1.45E-01	1.42E-01
1526	386744.45, 3750502.42	1.16869	5.53447	5.43144	1.77E-02	8.37E-02	8.21E-02	2.07E-02	9.81E-02	9.62E-02	3.07E-02	1.46E-01	1.43E-01
1527	386744.45, 3750552.42	1.17599	5.59232	5.54234	1.78E-02	8.46E-02	8.38E-02	2.08E-02	9.91E-02	9.82E-02	3.09E-02	1.47E-01	1.46E-01
1528	386744.45, 3750602.42	1.18181	5.72841	5.65662	1.79E-02	8.66E-02	8.55E-02	2.09E-02	1.02E-01	1.00E-01	3.11E-02	1.51E-01	1.49E-01
1529	386744.45, 3750652.42	1.19692	5.69294	5.60033	1.81E-02	8.61E-02	8.47E-02	2.12E-02	1.01E-01	9.92E-02	3.15E-02	1.50E-01	1.47E-01
1530	386744.45, 3750702.42	1.19785	5.85957	5.773	1.81E-02	8.86E-02	8.73E-02	2.12E-02	1.04E-01	1.02E-01	3.15E-02	1.54E-01	1.52E-01
1531	386744.45, 3750752.42	1.2089	5.90853	5.81167	1.83E-02	8.93E-02	8.79E-02	2.14E-02	1.05E-01	1.03E-01	3.18E-02	1.55E-01	1.53E-01
1532	386744.45, 3750802.42	1.21539	5.96479	5.86467	1.84E-02	9.02E-02	8.87E-02	2.15E-02	1.06E-01	1.04E-01	3.20E-02	1.57E-01	1.54E-01
1533	386744.45, 3750852.42	1.21863	6.01294	5.90954	1.84E-02	9.09E-02	8.94E-02	2.16E-02	1.07E-01	1.05E-01	3.20E-02	1.58E-01	1.55E-01
1534	386744.45, 3750902.42	1.22905	6.04913	5.93269	1.86E-02	9.15E-02	8.97E-02	2.18E-02	1.07E-01	1.05E-01	3.23E-02	1.59E-01	1.56E-01
1535	386744.45, 3750952.42	1.22573	6.10796	6.00872	1.85E-02	9.24E-02	9.09E-02	2.17E-02	1.08E-01	1.06E-01	3.22E-02	1.61E-01	1.58E-01

1536	386744.45, 3751002.42	1.2414	6.10112	5.94286	1.88E-02	9.23E-02	8.99E-02	2.20E-02	1.08E-01	1.05E-01	3.26E-02	1.60E-01	1.56E-01
1537	386744.45, 3751052.42	1.24332	6.11183	5.96554	1.88E-02	9.24E-02	9.02E-02	2.20E-02	1.08E-01	1.06E-01	3.27E-02	1.61E-01	1.57E-01
1538	386744.45, 3751102.42	1.24874	6.11784	5.98599	1.89E-02	9.25E-02	9.05E-02	2.21E-02	1.08E-01	1.06E-01	3.28E-02	1.61E-01	1.57E-01
1539	386744.45, 3751152.42	1.22756	6.31094	6.20229	1.86E-02	9.54E-02	9.38E-02	2.18E-02	1.12E-01	1.10E-01	3.23E-02	1.66E-01	1.63E-01
1540	386744.45, 3751202.42	1.21753	6.37999	6.27688	1.84E-02	9.65E-02	9.49E-02	2.16E-02	1.13E-01	1.11E-01	3.20E-02	1.68E-01	1.65E-01
1541	386744.45, 3751252.42	1.2395	6.33926	6.24946	1.87E-02	9.59E-02	9.45E-02	2.20E-02	1.12E-01	1.11E-01	3.26E-02	1.67E-01	1.64E-01
1542	386744.45, 3751302.42	1.24652	6.33909	6.24029	1.88E-02	9.59E-02	9.44E-02	2.21E-02	1.12E-01	1.11E-01	3.28E-02	1.67E-01	1.64E-01
1543	386744.45, 3751352.42	1.23262	6.44841	6.33149	1.86E-02	9.75E-02	9.57E-02	2.18E-02	1.14E-01	1.12E-01	3.24E-02	1.70E-01	1.66E-01
1544	386744.45, 3751402.42	1.23612	6.42998	6.27449	1.87E-02	9.72E-02	9.49E-02	2.19E-02	1.14E-01	1.11E-01	3.25E-02	1.69E-01	1.65E-01
1545	386744.45, 3751452.42	1.23469	6.34022	6.18198	1.87E-02	9.59E-02	9.35E-02	2.19E-02	1.12E-01	1.10E-01	3.25E-02	1.67E-01	1.63E-01
1546	386744.45, 3751502.42	1.22461	6.33893	6.21579	1.85E-02	9.58E-02	9.40E-02	2.17E-02	1.12E-01	1.10E-01	3.22E-02	1.67E-01	1.63E-01
1547	386744.45, 3751552.42	1.21074	6.38115	6.25038	1.83E-02	9.65E-02	9.45E-02	2.15E-02	1.13E-01	1.11E-01	3.18E-02	1.68E-01	1.64E-01
1548	386744.45, 3751602.42	1.18617	6.51906	6.35771	1.79E-02	9.86E-02	9.61E-02	2.10E-02	1.16E-01	1.13E-01	3.12E-02	1.71E-01	1.67E-01
1549	386744.45, 3751652.42	1.16061	6.53119	6.3414	1.75E-02	9.88E-02	9.59E-02	2.06E-02	1.16E-01	1.12E-01	3.05E-02	1.72E-01	1.67E-01
1550	386744.45, 3751702.42	1.12461	6.51987	6.32708	1.70E-02	9.86E-02	9.57E-02	1.99E-02	1.16E-01	1.12E-01	2.96E-02	1.71E-01	1.66E-01
1551	386744.45, 3751752.42	1.09111	6.47065	6.30491	1.65E-02	9.78E-02	9.53E-02	1.93E-02	1.15E-01	1.12E-01	2.87E-02	1.70E-01	1.66E-01
1552	386744.45, 3751802.42	1.04814	6.46437	6.33	1.58E-02	9.77E-02	9.57E-02	1.86E-02	1.15E-01	1.12E-01	2.76E-02	1.70E-01	1.66E-01
1553	386744.45, 3751852.42	0.99497	6.50795	6.36497	1.50E-02	9.84E-02	9.62E-02	1.76E-02	1.15E-01	1.13E-01	2.62E-02	1.71E-01	1.67E-01
1554	386794.45, 3749152.42	0.75337	3.19983	3.08457	1.14E-02	4.84E-02	4.66E-02	1.33E-02	5.67E-02	5.47E-02	1.98E-02	8.41E-02	8.11E-02
1555	386794.45, 3749202.42	0.78834	3.09673	3.02956	1.19E-02	4.68E-02	4.58E-02	1.40E-02	5.49E-02	5.37E-02	2.07E-02	8.14E-02	7.96E-02
1556	386794.45, 3749252.42	0.82067	3.17335	3.08643	1.24E-02	4.80E-02	4.67E-02	1.45E-02	5.62E-02	5.47E-02	2.16E-02	8.34E-02	8.11E-02
1557	386794.45, 3749302.42	0.85395	3.2449	3.1729	1.29E-02	4.91E-02	4.80E-02	1.51E-02	5.75E-02	5.62E-02	2.25E-02	8.53E-02	8.34E-02
1558	386794.45, 3749352.42	0.87567	3.58132	3.4207	1.32E-02	5.42E-02	5.17E-02	1.55E-02	6.35E-02	6.06E-02	2.30E-02	9.42E-02	8.99E-02
1559	386794.45, 3749402.42	0.90431	3.75224	3.57398	1.37E-02	5.67E-02	5.40E-02	1.60E-02	6.65E-02	6.33E-02	2.38E-02	9.86E-02	9.40E-02
1560	386794.45, 3749452.42	0.92975	4.03482	3.82277	1.41E-02	6.10E-02	5.78E-02	1.65E-02	7.15E-02	6.77E-02	2.44E-02	1.06E-01	1.01E-01
1561	386794.45, 3749502.42	0.95499	4.29996	4.12632	1.44E-02	6.50E-02	6.24E-02	1.69E-02	7.62E-02	7.31E-02	2.51E-02	1.13E-01	1.08E-01
1562	386794.45, 3749552.42	0.98087	4.41617	4.25919	1.48E-02	6.68E-02	6.44E-02	1.74E-02	7.83E-02	7.55E-02	2.58E-02	1.16E-01	1.12E-01
1563	386794.45, 3749602.42	1.03422	3.79961	3.73754	1.56E-02	5.75E-02	5.65E-02	1.83E-02	6.73E-02	6.62E-02	2.72E-02	9.99E-02	9.83E-02
1564	386794.45, 3749652.42	1.02451	4.80498	4.69614	1.55E-02	7.27E-02	7.10E-02	1.82E-02	8.51E-02	8.32E-02	2.69E-02	1.26E-01	1.23E-01
1565	386794.45, 3749702.42	1.04755	4.90656	4.80139	1.58E-02	7.42E-02	7.26E-02	1.86E-02	8.69E-02	8.51E-02	2.75E-02	1.29E-01	1.26E-01
1566	386794.45, 3749752.42	1.06279	5.14111	5.04609	1.61E-02	7.77E-02	7.63E-02	1.88E-02	9.11E-02	8.94E-02	2.79E-02	1.35E-01	1.33E-01
1567	386794.45, 3749802.42	1.08623	5.14592	5.05547	1.64E-02	7.78E-02	7.64E-02	1.92E-02	9.12E-02	8.96E-02	2.86E-02	1.35E-01	1.33E-01
1568	386794.45, 3749852.42	1.09895	5.38421	5.32789	1.66E-02	8.14E-02	8.06E-02	1.95E-02	9.54E-02	9.44E-02	2.89E-02	1.42E-01	1.40E-01
1569	386794.45, 3749902.42	1.11932	5.32927	5.26866	1.69E-02	8.06E-02	7.97E-02	1.98E-02	9.44E-02	9.34E-02	2.94E-02	1.40E-01	1.39E-01
1570	386794.45, 3749952.42	1.13091	5.5457	5.47979	1.71E-02	8.39E-02	8.29E-02	2.00E-02	9.83E-02	9.71E-02	2.97E-02	1.46E-01	1.44E-01
1571	386794.45, 3750002.42	1.14847	5.58154	5.52515	1.74E-02	8.44E-02	8.35E-02	2.04E-02	9.89E-02	9.79E-02	3.02E-02	1.47E-01	1.45E-01
1572	386794.45, 3750052.42	1.16216	5.66562	5.59243	1.76E-02	8.57E-02	8.46E-02	2.06E-02	1.00E-01	9.91E-02	3.06E-02	1.49E-01	1.47E-01
1573	386794.45, 3750102.42	1.178	5.62321	5.54605	1.78E-02	8.50E-02	8.39E-02	2.09E-02	9.96E-02	9.83E-02	3.10E-02	1.48E-01	1.46E-01
1574	386794.45, 3750152.42	1.18852	5.81991	5.70116	1.80E-02	8.80E-02	8.62E-02	2.11E-02	1.03E-01	1.01E-01	3.12E-02	1.53E-01	1.50E-01
1575	386794.45, 3750202.42	1.20478	5.8356	5.70632	1.82E-02	8.82E-02	8.63E-02	2.13E-02	1.03E-01	1.01E-01	3.17E-02	1.53E-01	1.50E-01
1576	386794.45, 3750252.42	1.21315	5.94708	5.79927	1.83E-02	8.99E-02	8.77E-02	2.15E-02	1.05E-01	1.03E-01	3.19E-02	1.56E-01	1.52E-01
1577	386794.45, 3750302.42	1.22589	5.95814	5.78939	1.85E-02	9.01E-02	8.75E-02	2.17E-02	1.06E-01	1.03E-01	3.22E-02	1.57E-01	1.52E-01
1578	386794.45, 3750352.42	1.24097	5.88641	5.71958	1.88E-02	8.90E-02	8.65E-02	2.20E-02	1.04E-01	1.01E-01	3.26E-02	1.55E-01	1.50E-01
1579	386794.45, 3750402.42	1.25497	5.88541	5.7308	1.90E-02	8.90E-02	8.67E-02	2.22E-02	1.04E-01	1.02E-01	3.30E-02	1.55E-01	1.51E-01
1580	386794.45, 3750452.42	1.26689	5.88872	5.79885	1.92E-02	8.90E-02	8.77E-02	2.24E-02	1.04E-01	1.03E-01	3.33E-02	1.55E-01	1.52E-01
1581	386794.45, 3750502.42	1.28424	5.86283	5.76717	1.94E-02	8.86E-02	8.72E-02	2.28E-02	1.04E-01	1.02E-01	3.38E-02	1.54E-01	1.52E-01
1582	386794.45, 3750552.42	1.29067	6.00721	5.94822	1.95E-02	9.08E-02	8.99E-02	2.29E-02	1.06E-01	1.05E-01	3.39E-02	1.58E-01	1.56E-01
1583	386794.45, 3750602.42	1.30215	6.1009	6.03947	1.97E-02	9.22E-02	9.13E-02	2.31E-02	1.08E-01	1.07E-01	3.42E-02	1.60E-01	1.59E-01
1584	386794.45, 3750652.42	1.31811	6.20885	6.13142	1.99E-02	9.39E-02	9.27E-02	2.34E-02	1.10E-01	1.09E-01	3.47E-02	1.63E-01	1.61E-01
1585	386794.45, 3750702.42	1.32422	6.29676	6.20377	2.00E-02	9.52E-02	9.38E-02	2.35E-02	1.12E-01	1.10E-01	3.48E-02	1.66E-01	1.63E-01
1586	386794.45, 3750752.42	1.33469	6.35948	6.2613	2.02E-02	9.62E-02	9.47E-02	2.37E-02	1.13E-01	1.11E-01	3.51E-02	1.67E-01	1.65E-01
1587	386794.45, 3750802.42	1.34588	6.40771	6.30533	2.04E-02	9.69E-02	9.53E-02	2.38E-02	1.14E-01	1.12E-01	3.54E-02	1.68E-01	1.66E-01
1588	386794.45, 3750852.42	1.35205	6.46441	6.3549	2.04E-02	9.77E-02	9.61E-02	2.40E-02	1.15E-01	1.13E-01	3.55E-02	1.70E-01	1.67E-01
1589	386794.45, 3750902.42	1.36285	6.52041	6.40216	2.06E-02	9.86E-02	9.68E-02	2.41E-02	1.16E-01	1.13E-01	3.58E-02	1.71E-01	1.68E-01
1590	386794.45, 3750952.42	1.36611	6.56798	6.44411	2.07E-02	9.93E-02	9.74E-02	2.42E-02	1.16E-01	1.14E-01	3.59E-02	1.73E-01	1.69E-01
1591	386794.45, 3751002.42	1.37499	6.58716	6.45112	2.08E-02	9.96E-02	9.75E-02	2.44E-02	1.17E-01	1.14E-01	3.61E-02	1.73E-01	1.70E-01
1592	386794.45, 3751052.42	1.38618	6.58098	6.44565	2.10E-02	9.95E-02	9.75E-02	2.46E-02	1.17E-01	1.14E-01	3.64E-02	1.73E-01	1.69E-01
1593	386794.45, 3751102.42	1.395	6.58028	6.4189	2.11E-02	9.95E-02	9.71E-02	2.47E-02	1.17E-01	1.14E-01	3.67E-02	1.73E-01	1.69E-01
1594	386794.45, 3751152.42	1.40015	6.64306	6.54869	2.12E-02	1.00E-01	9.90E-02	2.48E-02	1.18E-01	1.16E-01	3.68E-02	1.75E-01	1.72E-01
1595	386794.45, 3751202.42	1.40428	6.7193	6.63505	2.12E-02	1.02E-01	1.00E-01	2.49E-02	1.19E-01	1.18E-01	3.69E-02	1.77E-01	1.74E-01
1596	386794.45, 3751252.42	1.40301	6.82015	6.73188	2.12E-02	1.03E-01	1.02E-01	2.49E-02	1.21E-01	1.19E-01	3.69E-02	1.79E-01	1.77E-01
1597	386794.45, 3751302.42	1.39798	6.93383	6.81484	2.11E-02	1.05E-01	1.03E-01	2.48E-02	1.23E-01	1.21E-01	3.68E-02	1.82E-01	1.79E-01
1598	386794.45, 3751352.42	1.40227	6.95342	6.8169	2.12E-02	1.05E-01	1.03E-01	2.48E-02	1.23E-01	1.21E-01	3.69E-02	1.83E-01	1.79E-01
1599	386794.45, 3751402.42	1.40283	6.96891	6.81461	2.12E-02	1.05E-01	1.03E-01	2.49E-02	1.23E-01	1.21E-01	3.69E-02	1.83E-01	1.79E-01
1600	386794.45, 3751452.42	1.39716	6.97881	6.85814	2.11E-02	1.06E-01	1.04E-01	2.48E-02	1.24E-01	1.22E-01	3.67E-02	1.83E-01	1.80E-01
1601	386794.45, 3751502.42	1.38541	7.02276	6.91933	2.09E-02	1.06E-01	1.05E-01	2.45E-02	1.24E-01	1.23E-01	3.64E-02	1.85E-01	1.82E-01
1602	386794.45, 3751552.42	1.37133	7.09077	6.96664	2.07E-02	1.07E-01	1.05E-01	2.43E-02	1.26E-01	1.23E-01	3.61E-02	1.86E-01	1.83E-01
1603	386794.45, 3751602.42	1.35013	7.1359	6.95995	2.04E-02	1.08E-01	1.05E-01	2.39E-02	1.26E-01	1.23E-01	3.55E-02	1.88E-01	1.83E-01
1604	386794.45, 3751652.42	1.32493	7.13247	6.91702	2.00E-02	1.08E-01	1.05E-01	2.35E-02	1.26E-01	1.23E-01	3.48E-02	1.88E-01	1.82E-01
1605	386794.45, 3751702.42	1.29586	6.96153	6.76665	1.96E-02	1.05E-01	1.02E-01	2.30E-02	1.23E-01	1.20E-01	3.41E-02	1.83E-01	1.78E-01
1606	386794.45, 3751752.42	1.24738	7.06033	6.91159	1.89E-02	1.07E-01	1.05E-01	2.21E-02	1.25E-01	1.22E-01	3.28E-02	1.86E-01	1.82E-01
1607	386794.45, 3751802.42	1.19016	7.10759	6.98083	1.80E-02	1.07E-01	1.06E-01	2.11E-02	1.26E-01	1.24E-01	3.13E-02	1.87E-01	1.84E-01
1608	386794.45, 3751852.42	1.13205	7.14448	6.9854	1.71E-02	1.08E-01	1.06E-01	2.01E-02	1.27E-01	1.24E-01	2.98E-02	1.88E-01	1.84E-01
1609	386844.45, 3749002.42	0.6995	3.43881	3.3153	1.06E-02	5.20E-02	5.01E-02	1.24E-02	6.09E-02	5.87E-02	1.84E-02	9.04E-02	8.72E-02
1610	386844.45, 3749052.42	0.74058	3.44076	3.32891	1.12E-02	5.20E-02	5.03E-02	1.31E-02	6.10E-02	5.90E-02	1.95E-02	9.05E-02	8.75E-02
1611	386844.45, 3749102.42	0.78316	3.35036	3.23102	1.18E-02	5.07E-02	4.89E-02	1.39E-02	5.94E-02	5.73E-02	2.06E-02	8.81E-02	8.49E-02
1612	386844.45, 3749152.42	0.82156	3.36533	3.25065	1.24E-02	5.09E-02	4.92E-02	1.46E-02	5.96E-02	5.76E-02	2.16E-02	8.85E-02	8.55E-02

1613	386844.45, 3749202.42	0.86475	3.29387	3.20772	1.31E-02	4.98E-02	4.85E-02	1.53E-02	5.84E-02	5.68E-02	2.27E-02	8.66E-02	8.43E-02
1614	386844.45, 3749252.42	0.89534	3.38174	3.30653	1.35E-02	5.11E-02	5.00E-02	1.59E-02	5.99E-02	5.86E-02	2.35E-02	8.89E-02	8.69E-02
1615	386844.45, 3749302.42	0.92516	3.59714	3.51435	1.40E-02	5.44E-02	5.31E-02	1.64E-02	6.37E-02	6.23E-02	2.43E-02	9.46E-02	9.24E-02
1616	386844.45, 3749352.42	0.95705	3.76654	3.62194	1.45E-02	5.70E-02	5.48E-02	1.70E-02	6.67E-02	6.42E-02	2.52E-02	9.90E-02	9.52E-02
1617	386844.45, 3749402.42	0.99087	3.86321	3.7195	1.50E-02	5.84E-02	5.62E-02	1.76E-02	6.85E-02	6.59E-02	2.61E-02	1.02E-01	9.78E-02
1618	386844.45, 3749452.42	1.01622	4.35478	4.14053	1.54E-02	6.58E-02	6.26E-02	1.80E-02	7.72E-02	7.34E-02	2.67E-02	1.14E-01	1.09E-01
1619	386844.45, 3749502.42	1.07796	3.93326	3.86572	1.63E-02	5.95E-02	5.85E-02	1.91E-02	6.97E-02	6.85E-02	2.83E-02	1.03E-01	1.02E-01
1620	386844.45, 3749552.42	1.07613	4.50287	4.3299	1.63E-02	6.81E-02	6.55E-02	1.91E-02	7.98E-02	7.67E-02	2.83E-02	1.18E-01	1.14E-01
1621	386844.45, 3749602.42	1.09783	4.90784	4.77113	1.66E-02	7.42E-02	7.21E-02	1.95E-02	8.70E-02	8.45E-02	2.89E-02	1.29E-01	1.25E-01
1622	386844.45, 3749652.42	1.1195	5.20163	5.11133	1.69E-02	7.87E-02	7.73E-02	1.98E-02	9.22E-02	9.06E-02	2.94E-02	1.37E-01	1.34E-01
1623	386844.45, 3749702.42	1.14478	5.29972	5.18191	1.73E-02	8.01E-02	7.84E-02	2.03E-02	9.39E-02	9.18E-02	3.01E-02	1.39E-01	1.36E-01
1624	386844.45, 3749752.42	1.16371	5.49502	5.40182	1.76E-02	8.31E-02	8.17E-02	2.06E-02	9.74E-02	9.57E-02	3.06E-02	1.44E-01	1.42E-01
1625	386844.45, 3749802.42	1.19027	5.5141	5.42859	1.80E-02	8.34E-02	8.21E-02	2.11E-02	9.77E-02	9.62E-02	3.13E-02	1.45E-01	1.43E-01
1626	386844.45, 3749852.42	1.20442	5.76683	5.70424	1.82E-02	8.72E-02	8.63E-02	2.13E-02	1.02E-01	1.01E-01	3.17E-02	1.52E-01	1.50E-01
1627	386844.45, 3749902.42	1.22908	5.707	5.6413	1.86E-02	8.63E-02	8.53E-02	2.18E-02	1.01E-01	1.00E-01	3.23E-02	1.50E-01	1.48E-01
1628	386844.45, 3749952.42	1.24554	5.78122	5.72928	1.88E-02	8.74E-02	8.66E-02	2.21E-02	1.02E-01	1.02E-01	3.27E-02	1.52E-01	1.51E-01
1629	386844.45, 3750002.42	1.26306	5.86852	5.80602	1.91E-02	8.87E-02	8.78E-02	2.24E-02	1.04E-01	1.03E-01	3.32E-02	1.54E-01	1.53E-01
1630	386844.45, 3750052.42	1.27937	5.97121	5.90074	1.93E-02	9.03E-02	8.92E-02	2.27E-02	1.06E-01	1.05E-01	3.36E-02	1.57E-01	1.55E-01
1631	386844.45, 3750102.42	1.29384	6.05974	5.96316	1.96E-02	9.16E-02	9.02E-02	2.29E-02	1.07E-01	1.06E-01	3.40E-02	1.59E-01	1.57E-01
1632	386844.45, 3750152.42	1.30858	6.25964	6.13279	1.98E-02	9.46E-02	9.27E-02	2.32E-02	1.11E-01	1.09E-01	3.44E-02	1.65E-01	1.61E-01
1633	386844.45, 3750202.42	1.32217	6.2909	6.15033	2.00E-02	9.51E-02	9.30E-02	2.34E-02	1.11E-01	1.09E-01	3.48E-02	1.65E-01	1.62E-01
1634	386844.45, 3750252.42	1.33323	6.39356	6.26126	2.02E-02	9.67E-02	9.47E-02	2.36E-02	1.13E-01	1.11E-01	3.51E-02	1.68E-01	1.65E-01
1635	386844.45, 3750302.42	1.34603	6.45121	6.32767	2.04E-02	9.75E-02	9.57E-02	2.39E-02	1.14E-01	1.12E-01	3.54E-02	1.70E-01	1.66E-01
1636	386844.45, 3750352.42	1.36233	6.40699	6.2658	2.06E-02	9.69E-02	9.47E-02	2.41E-02	1.14E-01	1.11E-01	3.58E-02	1.68E-01	1.65E-01
1637	386844.45, 3750402.42	1.38113	6.40665	6.28111	2.09E-02	9.69E-02	9.50E-02	2.45E-02	1.14E-01	1.11E-01	3.63E-02	1.68E-01	1.65E-01
1638	386844.45, 3750452.42	1.39656	6.4346	6.3338	2.11E-02	9.73E-02	9.58E-02	2.47E-02	1.14E-01	1.12E-01	3.67E-02	1.69E-01	1.67E-01
1639	386844.45, 3750502.42	1.4118	6.4966	6.41599	2.13E-02	9.82E-02	9.70E-02	2.50E-02	1.15E-01	1.14E-01	3.71E-02	1.71E-01	1.69E-01
1640	386844.45, 3750552.42	1.42958	6.50507	6.45108	2.16E-02	9.84E-02	9.75E-02	2.53E-02	1.15E-01	1.14E-01	3.76E-02	1.71E-01	1.70E-01
1641	386844.45, 3750602.42	1.44579	6.61904	6.54508	2.19E-02	1.00E-01	9.90E-02	2.56E-02	1.17E-01	1.16E-01	3.80E-02	1.74E-01	1.72E-01
1642	386844.45, 3750652.42	1.45895	6.74703	6.64951	2.21E-02	1.02E-01	1.01E-01	2.59E-02	1.20E-01	1.18E-01	3.84E-02	1.77E-01	1.75E-01
1643	386844.45, 3750702.42	1.47484	6.80748	6.70843	2.23E-02	1.03E-01	1.01E-01	2.61E-02	1.21E-01	1.19E-01	3.88E-02	1.79E-01	1.76E-01
1644	386844.45, 3750752.42	1.48927	6.87951	6.77313	2.25E-02	1.04E-01	1.02E-01	2.64E-02	1.22E-01	1.20E-01	3.92E-02	1.81E-01	1.78E-01
1645	386844.45, 3750802.42	1.50435	6.94072	6.82868	2.27E-02	1.05E-01	1.03E-01	2.67E-02	1.23E-01	1.21E-01	3.95E-02	1.82E-01	1.80E-01
1646	386844.45, 3750852.42	1.51658	7.00892	6.89009	2.29E-02	1.06E-01	1.04E-01	2.69E-02	1.24E-01	1.22E-01	3.99E-02	1.84E-01	1.81E-01
1647	386844.45, 3750902.42	1.5312	7.0625	6.93455	2.32E-02	1.07E-01	1.05E-01	2.71E-02	1.25E-01	1.23E-01	4.03E-02	1.86E-01	1.82E-01
1648	386844.45, 3750952.42	1.54055	7.12545	6.98786	2.33E-02	1.08E-01	1.06E-01	2.73E-02	1.26E-01	1.24E-01	4.05E-02	1.87E-01	1.84E-01
1649	386844.45, 3751002.42	1.55253	7.14326	6.9878	2.35E-02	1.08E-01	1.06E-01	2.75E-02	1.27E-01	1.24E-01	4.08E-02	1.88E-01	1.84E-01
1650	386844.45, 3751052.42	1.55819	7.16161	7.03018	2.36E-02	1.08E-01	1.06E-01	2.76E-02	1.27E-01	1.25E-01	4.10E-02	1.88E-01	1.85E-01
1651	386844.45, 3751102.42	1.57007	7.20297	7.08718	2.37E-02	1.09E-01	1.07E-01	2.78E-02	1.28E-01	1.26E-01	4.13E-02	1.89E-01	1.86E-01
1652	386844.45, 3751152.42	1.57777	7.27021	7.18296	2.39E-02	1.10E-01	1.09E-01	2.80E-02	1.29E-01	1.27E-01	4.15E-02	1.91E-01	1.89E-01
1653	386844.45, 3751202.42	1.57475	7.46118	7.35604	2.38E-02	1.13E-01	1.11E-01	2.79E-02	1.32E-01	1.30E-01	4.14E-02	1.96E-01	1.93E-01
1654	386844.45, 3751252.42	1.58902	7.53452	7.42456	2.40E-02	1.14E-01	1.12E-01	2.82E-02	1.34E-01	1.32E-01	4.18E-02	1.98E-01	1.95E-01
1655	386844.45, 3751302.42	1.60311	7.59069	7.44626	2.42E-02	1.15E-01	1.13E-01	2.84E-02	1.35E-01	1.32E-01	4.21E-02	2.00E-01	1.96E-01
1656	386844.45, 3751352.42	1.60468	7.64751	7.48964	2.43E-02	1.16E-01	1.13E-01	2.84E-02	1.36E-01	1.33E-01	4.22E-02	2.01E-01	1.97E-01
1657	386844.45, 3751402.42	1.61543	7.52909	7.34929	2.44E-02	1.14E-01	1.11E-01	2.86E-02	1.33E-01	1.30E-01	4.25E-02	1.98E-01	1.93E-01
1658	386844.45, 3751452.42	1.60797	7.54897	7.43824	2.43E-02	1.14E-01	1.12E-01	2.85E-02	1.34E-01	1.32E-01	4.23E-02	1.98E-01	1.96E-01
1659	386844.45, 3751502.42	1.61077	7.63328	7.53938	2.44E-02	1.15E-01	1.14E-01	2.85E-02	1.35E-01	1.34E-01	4.23E-02	2.01E-01	1.98E-01
1660	386894.45, 3749002.42	0.76185	3.59554	3.44656	1.15E-02	5.44E-02	5.21E-02	1.35E-02	6.37E-02	6.11E-02	2.00E-02	9.45E-02	9.06E-02
1661	386894.45, 3749052.42	0.80848	3.71145	3.57165	1.22E-02	5.61E-02	5.40E-02	1.43E-02	6.58E-02	6.33E-02	2.13E-02	9.76E-02	9.39E-02
1662	386894.45, 3749102.42	0.85726	3.58692	3.45014	1.30E-02	5.42E-02	5.22E-02	1.52E-02	6.36E-02	6.11E-02	2.25E-02	9.43E-02	9.07E-02
1663	386894.45, 3749152.42	0.89803	3.7974	3.66321	1.36E-02	5.74E-02	5.54E-02	1.59E-02	6.73E-02	6.49E-02	2.36E-02	9.98E-02	9.63E-02
1664	386894.45, 3749202.42	0.94158	3.78271	3.65906	1.42E-02	5.72E-02	5.53E-02	1.67E-02	6.70E-02	6.48E-02	2.48E-02	9.94E-02	9.62E-02
1665	386894.45, 3749252.42	0.97832	3.974	3.85928	1.48E-02	6.01E-02	5.84E-02	1.73E-02	7.04E-02	6.84E-02	2.57E-02	1.04E-01	1.01E-01
1666	386894.45, 3749302.42	1.01604	4.10364	3.9632	1.54E-02	6.20E-02	5.99E-02	1.80E-02	7.27E-02	7.02E-02	2.67E-02	1.08E-01	1.04E-01
1667	386894.45, 3749352.42	1.05311	4.58924	4.37834	1.59E-02	6.94E-02	6.62E-02	1.87E-02	8.13E-02	7.76E-02	2.77E-02	1.21E-01	1.15E-01
1668	386894.45, 3749402.42	1.0884	4.9832	4.81025	1.65E-02	7.53E-02	7.27E-02	1.93E-02	8.83E-02	8.52E-02	2.86E-02	1.31E-01	1.26E-01
1669	386894.45, 3749452.42	1.13766	4.09881	3.98404	1.72E-02	6.20E-02	6.02E-02	2.02E-02	7.26E-02	7.06E-02	2.99E-02	1.08E-01	1.05E-01
1670	386894.45, 3749502.42	1.15049	5.34342	5.20548	1.74E-02	8.08E-02	7.87E-02	2.04E-02	9.47E-02	9.22E-02	3.02E-02	1.40E-01	1.37E-01
1671	386894.45, 3749552.42	1.18338	5.09329	4.92458	1.79E-02	7.70E-02	7.45E-02	2.10E-02	9.03E-02	8.73E-02	3.11E-02	1.34E-01	1.29E-01
1672	386894.45, 3749602.42	1.20879	5.33962	5.22884	1.83E-02	8.07E-02	7.91E-02	2.14E-02	9.46E-02	9.27E-02	3.18E-02	1.40E-01	1.37E-01
1673	386894.45, 3749652.42	1.23342	5.57684	5.48999	1.86E-02	8.43E-02	8.30E-02	2.19E-02	9.88E-02	9.73E-02	3.24E-02	1.47E-01	1.44E-01
1674	386894.45, 3749702.42	1.26694	5.57415	5.43891	1.92E-02	8.43E-02	8.22E-02	2.24E-02	9.88E-02	9.64E-02	3.33E-02	1.47E-01	1.43E-01
1675	386894.45, 3749752.42	1.29234	5.75836	5.65455	1.95E-02	8.71E-02	8.55E-02	2.29E-02	1.02E-01	1.00E-01	3.40E-02	1.51E-01	1.49E-01
1676	386894.45, 3749802.42	1.3145	5.87959	5.81166	1.99E-02	8.89E-02	8.79E-02	2.33E-02	1.04E-01	1.03E-01	3.46E-02	1.55E-01	1.53E-01
1677	386894.45, 3749852.42	1.33607	6.06523	6.00208	2.02E-02	9.17E-02	9.08E-02	2.37E-02	1.07E-01	1.06E-01	3.51E-02	1.59E-01	1.58E-01
1678	386894.45, 3749902.42	1.3557	6.15327	6.09169	2.05E-02	9.30E-02	9.21E-02	2.40E-02	1.09E-01	1.08E-01	3.56E-02	1.62E-01	1.60E-01
1679	386894.45, 3749952.42	1.37599	6.24108	6.18775	2.08E-02	9.44E-02	9.36E-02	2.44E-02	1.11E-01	1.10E-01	3.62E-02	1.64E-01	1.63E-01
1680	386894.45, 3750002.42	1.39323	6.34878	6.28023	2.11E-02	9.60E-02	9.50E-02	2.47E-02	1.12E-01	1.11E-01	3.66E-02	1.67E-01	1.65E-01
1681	386894.45, 3750052.42	1.41291	6.54469	6.4657	2.14E-02	9.90E-02	9.78E-02	2.50E-02	1.16E-01	1.15E-01	3.71E-02	1.72E-01	1.70E-01
1682	386894.45, 3750102.42	1.43213	6.5584	6.45509	2.17E-02	9.92E-02	9.76E-02	2.54E-02	1.16E-01	1.14E-01	3.77E-02	1.72E-01	1.70E-01
1683	386894.45, 3750152.42	1.45076	6.71894	6.60335	2.19E-02	1.02E-01	9.98E-02	2.57E-02	1.19E-01	1.17E-01	3.81E-02	1.77E-01	1.74E-01
1684	386894.45, 3750202.42	1.46706	6.79078	6.64491	2.22E-02	1.03E-01	1.00E-01	2.60E-02	1.20E-01	1.18E-01	3.86E-02	1.79E-01	1.75E-01
1685	386894.45, 3750252.42	1.49229	6.75009	6.61704	2.26E-02	1.02E-01	1.00E-01	2.64E-02	1.20E-01	1.17E-01	3.92E-02	1.77E-01	1.74E-01
1686	386894.45, 3750302.42	1.5087	6.76741	6.62829	2.28E-02	1.02E-01	1.00E-01	2.67E-02	1.20E-01	1.17E-01	3.97E-02	1.78E-01	1.74E-01
1687	386894.45, 3750352.42	1.53133	6.78451	6.59537	2.32E-02	1.03E-01	9.97E-02	2.71E-02	1.20E-01	1.17E-01	4.03E-02	1.78E-01	1.73E-01
1688	386894.45, 3750402.42	1.55124	6.76664	6.57009	2.35E-02	1.02E-01	9.93E-02	2.75E-02	1.20E-01	1.16E-01	4.08E-02	1.78E-01	1.73E-01
1689	386894.45, 3750452.42	1.56901	6.75377	6.59839	2.37E-02	1.02E-01	9.98E-02	2.78E-02	1.20E-01	1.17E-01	4.12E-02	1.78E-01	1.73E-01

1690	386894.45, 3750502.42	1.58334	6.9755	6.92134	2.39E-02	1.05E-01	1.05E-01	2.81E-02	1.24E-01	1.23E-01	4.16E-02	1.83E-01	1.82E-01
1691	386894.45, 3750552.42	1.60938	7.05393	6.96829	2.43E-02	1.07E-01	1.05E-01	2.85E-02	1.25E-01	1.23E-01	4.23E-02	1.85E-01	1.83E-01
1692	386894.45, 3750602.42	1.62106	7.24367	7.15603	2.45E-02	1.10E-01	1.08E-01	2.87E-02	1.28E-01	1.27E-01	4.26E-02	1.90E-01	1.88E-01
1693	386894.45, 3750652.42	1.6462	7.27167	7.18785	2.49E-02	1.10E-01	1.09E-01	2.92E-02	1.29E-01	1.27E-01	4.33E-02	1.91E-01	1.89E-01
1694	386894.45, 3750702.42	1.66149	7.45799	7.34327	2.51E-02	1.13E-01	1.11E-01	2.94E-02	1.32E-01	1.30E-01	4.37E-02	1.96E-01	1.93E-01
1695	386894.45, 3750752.42	1.67779	7.53827	7.41602	2.54E-02	1.14E-01	1.12E-01	2.97E-02	1.34E-01	1.31E-01	4.41E-02	1.98E-01	1.95E-01
1696	386894.45, 3750802.42	1.69481	7.62998	7.49964	2.56E-02	1.15E-01	1.13E-01	3.00E-02	1.35E-01	1.33E-01	4.46E-02	2.01E-01	1.97E-01
1697	386894.45, 3750852.42	1.71115	7.71865	7.58622	2.59E-02	1.17E-01	1.15E-01	3.03E-02	1.37E-01	1.34E-01	4.50E-02	2.03E-01	1.99E-01
1698	386894.45, 3750902.42	1.72692	7.77643	7.63701	2.61E-02	1.18E-01	1.15E-01	3.06E-02	1.38E-01	1.35E-01	4.54E-02	2.04E-01	2.01E-01
1699	386894.45, 3750952.42	1.7481	7.83382	7.66451	2.64E-02	1.18E-01	1.16E-01	3.10E-02	1.39E-01	1.36E-01	4.60E-02	2.06E-01	2.02E-01
1700	386944.45, 3749002.42	0.83904	3.68412	3.537	1.27E-02	5.57E-02	5.35E-02	1.49E-02	6.53E-02	6.27E-02	2.21E-02	9.69E-02	9.30E-02
1701	386944.45, 3749052.42	0.88924	4.00031	3.83459	1.34E-02	6.05E-02	5.80E-02	1.58E-02	7.09E-02	6.79E-02	2.34E-02	1.05E-01	1.01E-01
1702	386944.45, 3749102.42	0.94638	3.89948	3.73542	1.43E-02	5.90E-02	5.65E-02	1.68E-02	6.91E-02	6.62E-02	2.49E-02	1.03E-01	9.82E-02
1703	386944.45, 3749152.42	0.99617	3.99921	3.83318	1.51E-02	6.05E-02	5.80E-02	1.77E-02	7.09E-02	6.79E-02	2.62E-02	1.05E-01	1.01E-01
1704	386944.45, 3749202.42	1.04981	3.8277	3.75515	1.59E-02	5.79E-02	5.68E-02	1.86E-02	6.78E-02	6.65E-02	2.76E-02	1.01E-01	9.87E-02
1705	386944.45, 3749252.42	1.09645	3.94061	3.85685	1.66E-02	5.96E-02	5.83E-02	1.94E-02	6.98E-02	6.83E-02	2.88E-02	1.04E-01	1.01E-01
1706	386944.45, 3749302.42	1.13626	4.02348	3.94054	1.72E-02	6.08E-02	5.96E-02	2.01E-02	7.13E-02	6.98E-02	2.99E-02	1.06E-01	1.04E-01
1707	386944.45, 3749352.42	1.21587	4.38976	4.31558	1.84E-02	6.64E-02	6.53E-02	2.15E-02	7.78E-02	7.65E-02	3.20E-02	1.15E-01	1.13E-01
1708	386944.45, 3749402.42	1.22083	4.45306	4.30534	1.85E-02	6.73E-02	6.51E-02	2.16E-02	7.89E-02	7.63E-02	3.21E-02	1.17E-01	1.13E-01
1709	386944.45, 3749452.42	1.24977	4.71979	4.50931	1.89E-02	7.14E-02	6.82E-02	2.21E-02	8.36E-02	7.99E-02	3.29E-02	1.24E-01	1.19E-01
1710	386944.45, 3749502.42	1.28109	5.04903	4.87904	1.94E-02	7.63E-02	7.38E-02	2.27E-02	8.95E-02	8.65E-02	3.37E-02	1.33E-01	1.28E-01
1711	386944.45, 3749552.42	1.31485	5.25679	5.08531	1.99E-02	7.95E-02	7.69E-02	2.33E-02	9.31E-02	9.01E-02	3.46E-02	1.38E-01	1.34E-01
1712	386944.45, 3749602.42	1.35008	5.46103	5.30179	2.04E-02	8.26E-02	8.02E-02	2.39E-02	9.68E-02	9.39E-02	3.55E-02	1.44E-01	1.39E-01
1713	386944.45, 3749652.42	1.3805	5.67986	5.5402	2.09E-02	8.59E-02	8.38E-02	2.45E-02	1.01E-01	9.82E-02	3.63E-02	1.49E-01	1.46E-01
1714	386944.45, 3749702.42	1.40953	6.05023	5.91306	2.13E-02	9.15E-02	8.94E-02	2.50E-02	1.07E-01	1.05E-01	3.71E-02	1.59E-01	1.55E-01
1715	386944.45, 3749752.42	1.43844	6.2543	6.15441	2.17E-02	9.46E-02	9.31E-02	2.55E-02	1.11E-01	1.09E-01	3.78E-02	1.64E-01	1.62E-01
1716	386944.45, 3749802.42	1.4656	6.3881	6.32295	2.22E-02	9.66E-02	9.56E-02	2.60E-02	1.13E-01	1.12E-01	3.85E-02	1.68E-01	1.66E-01
1717	386944.45, 3749852.42	1.48768	6.59183	6.51964	2.25E-02	9.97E-02	9.86E-02	2.64E-02	1.17E-01	1.16E-01	3.91E-02	1.73E-01	1.71E-01
1718	386944.45, 3749902.42	1.50966	6.686	6.62771	2.28E-02	1.01E-01	1.00E-01	2.68E-02	1.18E-01	1.17E-01	3.97E-02	1.76E-01	1.74E-01
1719	386944.45, 3749952.42	1.53665	6.79173	6.73776	2.32E-02	1.03E-01	1.02E-01	2.72E-02	1.20E-01	1.19E-01	4.04E-02	1.79E-01	1.77E-01
1720	386944.45, 3750002.42	1.55703	6.94361	6.85774	2.35E-02	1.05E-01	1.04E-01	2.76E-02	1.23E-01	1.22E-01	4.09E-02	1.83E-01	1.80E-01
1721	386944.45, 3750052.42	1.57948	7.06746	6.96629	2.39E-02	1.07E-01	1.05E-01	2.80E-02	1.25E-01	1.23E-01	4.15E-02	1.86E-01	1.83E-01
1722	386944.45, 3750102.42	1.60425	7.15229	7.04598	2.43E-02	1.08E-01	1.07E-01	2.84E-02	1.27E-01	1.25E-01	4.22E-02	1.88E-01	1.85E-01
1723	386944.45, 3750152.42	1.62748	7.23303	7.11849	2.46E-02	1.09E-01	1.08E-01	2.88E-02	1.28E-01	1.26E-01	4.28E-02	1.90E-01	1.87E-01
1724	386944.45, 3750202.42	1.64781	7.27731	7.1578	2.49E-02	1.10E-01	1.08E-01	2.92E-02	1.29E-01	1.27E-01	4.33E-02	1.91E-01	1.88E-01
1725	386944.45, 3750252.42	1.68096	7.34557	7.21676	2.54E-02	1.11E-01	1.09E-01	2.98E-02	1.30E-01	1.28E-01	4.42E-02	1.93E-01	1.90E-01
1726	386944.45, 3750302.42	1.69864	7.39033	7.22853	2.57E-02	1.12E-01	1.09E-01	3.01E-02	1.31E-01	1.28E-01	4.47E-02	1.94E-01	1.90E-01
1727	386944.45, 3750352.42	1.73186	7.40965	7.20487	2.62E-02	1.12E-01	1.09E-01	3.07E-02	1.31E-01	1.28E-01	4.55E-02	1.95E-01	1.89E-01
1728	386944.45, 3750402.42	1.75032	7.36363	7.17853	2.65E-02	1.11E-01	1.09E-01	3.10E-02	1.30E-01	1.27E-01	4.60E-02	1.94E-01	1.89E-01
1729	386994.45, 3749002.42	0.92287	4.27389	4.08758	1.40E-02	6.46E-02	6.18E-02	1.64E-02	7.57E-02	7.24E-02	2.43E-02	1.12E-01	1.07E-01
1730	386994.45, 3749052.42	0.99161	4.2583	4.0767	1.50E-02	6.44E-02	6.16E-02	1.76E-02	7.55E-02	7.22E-02	2.61E-02	1.12E-01	1.07E-01
1731	386994.45, 3749102.42	1.06328	3.94394	3.82757	1.61E-02	5.96E-02	5.79E-02	1.88E-02	6.99E-02	6.78E-02	2.80E-02	1.04E-01	1.01E-01
1732	386994.45, 3749152.42	1.12881	4.14786	4.05359	1.71E-02	6.27E-02	6.13E-02	2.00E-02	7.35E-02	7.18E-02	2.97E-02	1.09E-01	1.07E-01
1733	386994.45, 3749202.42	1.18352	4.26708	4.17411	1.79E-02	6.45E-02	6.31E-02	2.10E-02	7.56E-02	7.40E-02	3.11E-02	1.12E-01	1.10E-01
1734	386994.45, 3749252.42	1.22851	4.32538	4.2316	1.86E-02	6.54E-02	6.40E-02	2.18E-02	7.66E-02	7.50E-02	3.23E-02	1.14E-01	1.11E-01
1735	386994.45, 3749302.42	1.29463	4.55588	4.47341	1.96E-02	6.89E-02	6.76E-02	2.29E-02	8.07E-02	7.93E-02	3.40E-02	1.20E-01	1.18E-01
1736	386994.45, 3749352.42	1.33286	4.60305	4.52055	2.02E-02	6.96E-02	6.84E-02	2.36E-02	8.16E-02	8.01E-02	3.50E-02	1.21E-01	1.19E-01
1737	386994.45, 3749402.42	1.36841	4.85976	4.7111	2.07E-02	7.35E-02	7.12E-02	2.42E-02	8.61E-02	8.35E-02	3.60E-02	1.28E-01	1.24E-01
1738	386994.45, 3749452.42	1.40163	5.15306	4.93574	2.12E-02	7.79E-02	7.46E-02	2.48E-02	9.13E-02	8.75E-02	3.68E-02	1.35E-01	1.30E-01
1739	386994.45, 3749502.42	1.43724	5.51375	5.34111	2.17E-02	8.34E-02	8.08E-02	2.55E-02	9.77E-02	9.46E-02	3.78E-02	1.45E-01	1.40E-01
1740	386994.45, 3749552.42	1.47585	5.74843	5.57019	2.23E-02	8.69E-02	8.42E-02	2.62E-02	1.02E-01	9.87E-02	3.88E-02	1.51E-01	1.46E-01
1741	386994.45, 3749602.42	1.51673	5.95741	5.82014	2.29E-02	9.01E-02	8.80E-02	2.69E-02	1.06E-01	1.03E-01	3.99E-02	1.57E-01	1.53E-01
1742	386994.45, 3749652.42	1.55469	6.14145	6.02993	2.35E-02	9.29E-02	9.12E-02	2.75E-02	1.09E-01	1.07E-01	4.09E-02	1.61E-01	1.59E-01
1743	386994.45, 3749702.42	1.58562	6.51703	6.37391	2.40E-02	9.85E-02	9.64E-02	2.81E-02	1.15E-01	1.13E-01	4.17E-02	1.71E-01	1.68E-01
1744	386994.45, 3749752.42	1.61743	6.78486	6.67737	2.45E-02	1.03E-01	1.01E-01	2.87E-02	1.20E-01	1.18E-01	4.25E-02	1.78E-01	1.76E-01
1745	386994.45, 3749802.42	1.64994	6.9672	6.89886	2.49E-02	1.05E-01	1.04E-01	2.92E-02	1.23E-01	1.22E-01	4.34E-02	1.83E-01	1.81E-01
1746	386994.45, 3749852.42	1.67088	7.2141	7.13961	2.53E-02	1.09E-01	1.08E-01	2.96E-02	1.28E-01	1.27E-01	4.39E-02	1.90E-01	1.88E-01
1747	387044.45, 3749002.42	1.02712	5.46295	5.34207	1.55E-02	8.26E-02	8.08E-02	1.82E-02	9.68E-02	9.47E-02	2.70E-02	1.44E-01	1.40E-01
1748	387044.45, 3749052.42	1.11527	4.60012	4.37687	1.69E-02	6.96E-02	6.62E-02	1.98E-02	8.15E-02	7.76E-02	2.93E-02	1.21E-01	1.15E-01
1749	387044.45, 3749102.42	1.20852	4.43623	4.31059	1.83E-02	6.71E-02	6.52E-02	2.14E-02	7.86E-02	7.64E-02	3.18E-02	1.17E-01	1.13E-01
1750	387044.45, 3749152.42	1.27591	4.57959	4.48352	1.93E-02	6.92E-02	6.78E-02	2.26E-02	8.11E-02	7.94E-02	3.35E-02	1.20E-01	1.18E-01
1751	387044.45, 3749202.42	1.33038	4.64937	4.54261	2.01E-02	7.03E-02	6.87E-02	2.36E-02	8.24E-02	8.05E-02	3.50E-02	1.22E-01	1.19E-01
1752	387044.45, 3749252.42	1.38912	4.79356	4.65108	2.10E-02	7.25E-02	7.03E-02	2.46E-02	8.49E-02	8.24E-02	3.65E-02	1.26E-01	1.22E-01
1753	387044.45, 3749302.42	1.44735	4.96788	4.80848	2.19E-02	7.51E-02	7.27E-02	2.56E-02	8.80E-02	8.52E-02	3.81E-02	1.31E-01	1.26E-01
1754	387152.74, 3751734.85	12.7566	40.651	39.1965	1.93E-01	6.15E-01	5.93E-01	2.26E-01	7.20E-01	6.95E-01	3.35E-01	1.07E+00	1.03E+00
1755	387152.74, 3751759.85	12.4545	38.1333	36.7828	1.88E-01	5.77E-01	5.56E-01	2.21E-01	6.76E-01	6.52E-01	3.27E-01	1.00E+00	9.67E-01
1756	387152.74, 3751784.85	11.5724	34.9789	33.6373	1.75E-01	5.29E-01	5.09E-01	2.05E-01	6.20E-01	5.96E-01	3.04E-01	9.20E-01	8.84E-01
1757	387152.74, 3751809.85	10.7827	32.2154	30.9158	1.63E-01	4.87E-01	4.67E-01	1.91E-01	5.71E-01	5.48E-01	2.83E-01	8.47E-01	8.13E-01
1758	387152.74, 3751834.85	10.2542	29.5918	28.3679	1.55E-01	4.47E-01	4.29E-01	1.82E-01	5.24E-01	5.03E-01	2.70E-01	7.78E-01	7.46E-01
1759	387152.74, 3751859.85	9.26454	26.5747	25.4295	1.40E-01	4.02E-01	3.85E-01	1.64E-01	4.71E-01	4.51E-01	2.44E-01	6.99E-01	6.69E-01
1760	387177.74, 3751534.85	13.8019	43.0668	41.5673	2.09E-01	6.51E-01	6.29E-01	2.45E-01	7.63E-01	7.37E-01	3.63E-01	1.13E+00	1.09E+00
1761	387177.74, 3751559.85	13.6152	40.7117	39.2696	2.06E-01	6.16E-01	5.94E-01	2.41E-01	7.21E-01	6.96E-01	3.58E-01	1.07E+00	1.03E+00
1762	387177.74, 3751584.85	12.7113	37.6028	36.1234	1.92E-01	5.69E-01	5.46E-01	2.25E-01	6.66E-01	6.40E-01	3.34E-01	9.89E-01	9.50E-01
1763	387177.74, 3751609.85	11.916	35.07	33.6086	1.80E-01	5.30E-01	5.08E-01	2.11E-01	6.21E-01	5.96E-01	3.13E-01	9.22E-01	8.84E-01
1764	387177.74, 3751634.85	11.454	32.8576	31.4416	1.73E-01	4.97E-01	4.75E-01	2.03E-01	5.82E-01	5.57E-01	3.01E-01	8.64E-01	8.27E-01
1765	387177.74, 3751659.85	10.6008	30.5745	29.1967	1.60E-01	4.62E-01	4.41E-01	1.88E-01	5.42E-01	5.17E-01	2.79E-01	8.04E-01	7.68E-01
1766	387177.74, 3751684.85	10.0389	28.7677	27.4453	1.52E-01	4.35E-01	4.15E-01	1.78E-01	5.10E-01	4.86E-01	2.64E-01	7.56E-01	7.22E-01

1767	387177.74, 3751709.85	9.60424	27.0357	25.7689	1.45E-01	4.09E-01	3.90E-01	1.70E-01	4.79E-01	4.57E-01	2.52E-01	7.11E-01	6.77E-01
1768	387177.74, 3751734.85	9.00168	25.3966	24.177	1.36E-01	3.84E-01	3.66E-01	1.60E-01	4.50E-01	4.28E-01	2.37E-01	6.68E-01	6.36E-01
1769	387177.74, 3751759.85	8.65731	24.019	22.847	1.31E-01	3.63E-01	3.45E-01	1.53E-01	4.26E-01	4.05E-01	2.28E-01	6.31E-01	6.01E-01
1770	387177.74, 3751784.85	8.26959	22.6183	21.4966	1.25E-01	3.42E-01	3.25E-01	1.47E-01	4.01E-01	3.81E-01	2.17E-01	5.95E-01	5.65E-01
1771	387177.74, 3751809.85	7.89664	21.3058	20.2734	1.19E-01	3.22E-01	3.07E-01	1.40E-01	3.78E-01	3.59E-01	2.08E-01	5.60E-01	5.33E-01
1772	387177.74, 3751834.85	7.50049	19.7994	18.8162	1.13E-01	2.99E-01	2.85E-01	1.33E-01	3.51E-01	3.33E-01	1.97E-01	5.21E-01	4.95E-01
1773	387177.74, 3751859.85	6.90468	18.0406	17.3904	1.04E-01	2.73E-01	2.63E-01	1.22E-01	3.20E-01	3.08E-01	1.82E-01	4.74E-01	4.57E-01
1774	387202.74, 3751309.85	15.5169	47.522	46.1029	2.35E-01	7.19E-01	6.97E-01	2.75E-01	8.42E-01	8.17E-01	4.08E-01	1.25E+00	1.21E+00
1775	387202.74, 3751334.85	13.5426	41.8703	40.2851	2.05E-01	6.33E-01	6.09E-01	2.40E-01	7.42E-01	7.14E-01	3.56E-01	1.10E+00	1.06E+00
1776	387202.74, 3751359.85	12.9799	39.3341	37.7913	1.96E-01	5.95E-01	5.71E-01	2.30E-01	6.97E-01	6.70E-01	3.41E-01	1.03E+00	9.94E-01
1777	387202.74, 3751384.85	12.4888	36.9978	35.4872	1.89E-01	5.59E-01	5.37E-01	2.21E-01	6.56E-01	6.29E-01	3.28E-01	9.73E-01	9.33E-01
1778	387202.74, 3751409.85	11.7054	34.7091	33.2089	1.77E-01	5.25E-01	5.02E-01	2.07E-01	6.15E-01	5.88E-01	3.08E-01	9.13E-01	8.73E-01
1779	387202.74, 3751434.85	11.3838	32.9316	31.4782	1.72E-01	4.98E-01	4.76E-01	2.02E-01	5.84E-01	5.58E-01	2.99E-01	8.66E-01	8.28E-01
1780	387202.74, 3751459.85	10.7276	30.9895	29.5658	1.62E-01	4.69E-01	4.47E-01	1.90E-01	5.49E-01	5.24E-01	2.82E-01	8.15E-01	7.77E-01
1781	387202.74, 3751484.85	10.3907	29.6946	28.2869	1.57E-01	4.49E-01	4.28E-01	1.84E-01	5.26E-01	5.01E-01	2.73E-01	7.81E-01	7.44E-01
1782	387202.74, 3751509.85	10.1683	28.4373	27.0559	1.54E-01	4.30E-01	4.09E-01	1.80E-01	5.04E-01	4.79E-01	2.67E-01	7.48E-01	7.11E-01
1783	387202.74, 3751534.85	9.72279	27.1978	25.8703	1.47E-01	4.11E-01	3.91E-01	1.72E-01	4.82E-01	4.58E-01	2.56E-01	7.15E-01	6.80E-01
1784	387202.74, 3751559.85	9.46141	26.0915	24.8074	1.43E-01	3.95E-01	3.75E-01	1.68E-01	4.62E-01	4.40E-01	2.49E-01	6.86E-01	6.52E-01
1785	387202.74, 3751584.85	9.02234	24.6578	23.432	1.36E-01	3.73E-01	3.54E-01	1.60E-01	4.37E-01	4.15E-01	2.37E-01	6.48E-01	6.16E-01
1786	387202.74, 3751609.85	8.63542	23.5644	22.3753	1.31E-01	3.56E-01	3.38E-01	1.53E-01	4.18E-01	3.96E-01	2.27E-01	6.20E-01	5.88E-01
1787	387202.74, 3751634.85	8.38374	22.5601	21.4147	1.27E-01	3.41E-01	3.24E-01	1.49E-01	4.00E-01	3.79E-01	2.20E-01	5.93E-01	5.63E-01
1788	387202.74, 3751659.85	8.09577	21.6288	20.5334	1.22E-01	3.27E-01	3.10E-01	1.43E-01	3.83E-01	3.64E-01	2.13E-01	5.69E-01	5.40E-01
1789	387202.74, 3751684.85	7.73617	20.638	19.5861	1.17E-01	3.12E-01	2.96E-01	1.37E-01	3.66E-01	3.47E-01	2.03E-01	5.43E-01	5.15E-01
1790	387202.74, 3751709.85	7.42661	19.6604	18.6572	1.12E-01	2.97E-01	2.82E-01	1.32E-01	3.48E-01	3.31E-01	1.95E-01	5.17E-01	4.90E-01
1791	387202.74, 3751734.85	7.09687	18.7125	17.8113	1.07E-01	2.83E-01	2.69E-01	1.26E-01	3.32E-01	3.16E-01	1.87E-01	4.92E-01	4.68E-01
1792	387202.74, 3751759.85	6.77991	17.7661	17.2137	1.03E-01	2.69E-01	2.60E-01	1.20E-01	3.15E-01	3.05E-01	1.78E-01	4.67E-01	4.53E-01
1793	387202.74, 3751784.85	6.48218	16.8409	16.4007	9.80E-02	2.55E-01	2.48E-01	1.15E-01	2.98E-01	2.91E-01	1.70E-01	4.43E-01	4.31E-01
1794	387202.74, 3751809.85	6.25771	16.1336	15.9132	9.46E-02	2.44E-01	2.41E-01	1.11E-01	2.86E-01	2.82E-01	1.65E-01	4.24E-01	4.18E-01
1795	387202.74, 3751834.85	5.91078	15.5425	15.1606	8.94E-02	2.35E-01	2.29E-01	1.05E-01	2.75E-01	2.69E-01	1.55E-01	4.09E-01	3.99E-01
1796	387202.74, 3751859.85	5.51598	14.7337	14.5026	8.34E-02	2.23E-01	2.19E-01	9.77E-02	2.61E-01	2.57E-01	1.45E-01	3.87E-01	3.81E-01
1797	387227.74, 3751109.85	14.9116	45.5169	44.0153	2.25E-01	6.88E-01	6.66E-01	2.64E-01	8.07E-01	7.80E-01	3.92E-01	1.20E+00	1.16E+00
1798	387227.74, 3751134.85	13.6348	41.5859	39.9885	2.06E-01	6.29E-01	6.05E-01	2.42E-01	7.37E-01	7.09E-01	3.58E-01	1.09E+00	1.05E+00
1799	387227.74, 3751159.85	13.2157	39.7044	38.1674	2.00E-01	6.00E-01	5.77E-01	2.34E-01	7.04E-01	6.76E-01	3.47E-01	1.04E+00	1.00E+00
1800	387227.74, 3751184.85	12.8667	37.4624	35.9221	1.95E-01	5.66E-01	5.43E-01	2.28E-01	6.64E-01	6.37E-01	3.38E-01	9.85E-01	9.44E-01
1801	387227.74, 3751209.85	12.0787	35.1414	33.5971	1.83E-01	5.31E-01	5.08E-01	2.14E-01	6.23E-01	5.95E-01	3.18E-01	9.24E-01	8.83E-01
1802	387227.74, 3751234.85	11.7285	33.4271	31.9192	1.77E-01	5.05E-01	4.83E-01	2.08E-01	5.92E-01	5.66E-01	3.08E-01	8.79E-01	8.39E-01
1803	387227.74, 3751259.85	11.1	31.555	30.0698	1.68E-01	4.77E-01	4.55E-01	1.97E-01	5.59E-01	5.33E-01	2.92E-01	8.30E-01	7.91E-01
1804	387227.74, 3751284.85	10.7485	30.3292	28.8643	1.63E-01	4.59E-01	4.36E-01	1.90E-01	5.37E-01	5.11E-01	2.83E-01	7.97E-01	7.59E-01
1805	387227.74, 3751309.85	10.3865	28.8658	27.4688	1.57E-01	4.36E-01	4.15E-01	1.84E-01	5.11E-01	4.87E-01	2.73E-01	7.59E-01	7.22E-01
1806	387227.74, 3751334.85	9.81026	27.2771	25.9391	1.48E-01	4.12E-01	3.92E-01	1.74E-01	4.83E-01	4.60E-01	2.58E-01	7.17E-01	6.82E-01
1807	387227.74, 3751359.85	9.33147	25.9734	24.6843	1.41E-01	3.93E-01	3.73E-01	1.65E-01	4.60E-01	4.37E-01	2.45E-01	6.83E-01	6.49E-01
1808	387227.74, 3751384.85	8.92365	24.7416	23.5016	1.35E-01	3.74E-01	3.55E-01	1.58E-01	4.38E-01	4.16E-01	2.35E-01	6.50E-01	6.18E-01
1809	387227.74, 3751409.85	8.68193	23.9123	22.6986	1.31E-01	3.62E-01	3.43E-01	1.54E-01	4.24E-01	4.02E-01	2.28E-01	6.29E-01	5.97E-01
1810	387227.74, 3751434.85	8.42874	23.0169	21.8515	1.27E-01	3.48E-01	3.30E-01	1.49E-01	4.08E-01	3.87E-01	2.22E-01	6.05E-01	5.74E-01
1811	387227.74, 3751459.85	8.11648	22.1102	20.9842	1.23E-01	3.34E-01	3.17E-01	1.44E-01	3.92E-01	3.72E-01	2.13E-01	5.81E-01	5.52E-01
1812	387227.74, 3751484.85	7.93593	21.459	20.3709	1.20E-01	3.24E-01	3.08E-01	1.41E-01	3.80E-01	3.61E-01	2.09E-01	5.64E-01	5.36E-01
1813	387227.74, 3751509.85	7.76714	20.7925	19.7092	1.17E-01	3.14E-01	2.98E-01	1.38E-01	3.68E-01	3.49E-01	2.04E-01	5.47E-01	5.18E-01
1814	387227.74, 3751534.85	7.57213	20.1481	19.0843	1.14E-01	3.05E-01	2.89E-01	1.34E-01	3.57E-01	3.38E-01	1.99E-01	5.30E-01	5.02E-01
1815	387227.74, 3751559.85	7.36428	19.4798	18.4459	1.11E-01	2.95E-01	2.79E-01	1.30E-01	3.45E-01	3.27E-01	1.94E-01	5.12E-01	4.85E-01
1816	387227.74, 3751584.85	7.14723	18.7286	17.7329	1.08E-01	2.83E-01	2.68E-01	1.27E-01	3.32E-01	3.14E-01	1.88E-01	4.92E-01	4.66E-01
1817	387227.74, 3751609.85	6.90125	18.0385	17.0804	1.04E-01	2.73E-01	2.58E-01	1.22E-01	3.20E-01	3.03E-01	1.81E-01	4.74E-01	4.49E-01
1818	387227.74, 3751634.85	6.67321	17.3634	16.4416	1.01E-01	2.63E-01	2.49E-01	1.18E-01	3.08E-01	2.91E-01	1.75E-01	4.56E-01	4.32E-01
1819	387227.74, 3751659.85	6.49356	16.7738	16.1577	9.82E-02	2.54E-01	2.44E-01	1.15E-01	2.97E-01	2.86E-01	1.71E-01	4.41E-01	4.25E-01
1820	387227.74, 3751684.85	6.26788	16.1341	15.8224	9.48E-02	2.44E-01	2.39E-01	1.11E-01	2.86E-01	2.80E-01	1.65E-01	4.24E-01	4.16E-01
1821	387227.74, 3751709.85	6.04632	15.6414	15.3342	9.14E-02	2.37E-01	2.32E-01	1.07E-01	2.77E-01	2.72E-01	1.59E-01	4.11E-01	4.03E-01
1822	387227.74, 3751734.85	5.84553	15.136	14.9478	8.84E-02	2.29E-01	2.26E-01	1.04E-01	2.68E-01	2.65E-01	1.54E-01	3.98E-01	3.93E-01
1823	387227.74, 3751759.85	5.61828	14.7978	14.5855	8.50E-02	2.24E-01	2.21E-01	9.96E-02	2.62E-01	2.58E-01	1.48E-01	3.89E-01	3.83E-01
1824	387227.74, 3751784.85	5.3738	14.3817	14.0918	8.13E-02	2.17E-01	2.13E-01	9.52E-02	2.55E-01	2.50E-01	1.41E-01	3.78E-01	3.70E-01
1825	387227.74, 3751809.85	5.14601	13.9304	13.6929	7.78E-02	2.11E-01	2.07E-01	9.12E-02	2.47E-01	2.43E-01	1.35E-01	3.66E-01	3.60E-01
1826	387227.74, 3751834.85	4.88241	13.5131	13.2619	7.38E-02	2.04E-01	2.01E-01	8.65E-02	2.39E-01	2.35E-01	1.28E-01	3.55E-01	3.49E-01
1827	387227.74, 3751859.85	4.58077	12.9749	12.7739	6.93E-02	1.96E-01	1.93E-01	8.12E-02	2.30E-01	2.26E-01	1.20E-01	3.41E-01	3.36E-01
1828	387252.74, 3750884.85	16.057	50.0657	48.7041	2.43E-01	7.57E-01	7.36E-01	2.85E-01	8.87E-01	8.63E-01	4.22E-01	1.32E+00	1.28E+00
1829	387252.74, 3750909.85	16.0087	47.7818	46.4429	2.42E-01	7.22E-01	7.02E-01	2.84E-01	8.47E-01	8.23E-01	4.21E-01	1.26E+00	1.22E+00
1830	387252.74, 3750934.85	14.1615	41.9166	40.3084	2.14E-01	6.34E-01	6.09E-01	2.51E-01	7.43E-01	7.14E-01	3.72E-01	1.10E+00	1.06E+00
1831	387252.74, 3750959.85	13.2867	39.1201	37.5162	2.01E-01	5.92E-01	5.67E-01	2.35E-01	6.93E-01	6.65E-01	3.49E-01	1.03E+00	9.86E-01
1832	387252.74, 3750984.85	12.8449	36.9925	35.4088	1.94E-01	5.59E-01	5.35E-01	2.28E-01	6.55E-01	6.27E-01	3.38E-01	9.73E-01	9.31E-01
1833	387252.74, 3751009.85	12.1765	35.1195	33.5556	1.84E-01	5.31E-01	5.07E-01	2.16E-01	6.22E-01	5.95E-01	3.20E-01	9.23E-01	8.82E-01
1834	387252.74, 3751034.85	11.8461	33.699	32.1408	1.79E-01	5.10E-01	4.86E-01	2.10E-01	5.97E-01	5.70E-01	3.11E-01	8.86E-01	8.45E-01
1835	387252.74, 3751059.85	11.3206	31.6504	30.1316	1.71E-01	4.79E-01	4.56E-01	2.01E-01	5.61E-01	5.34E-01	2.98E-01	8.32E-01	7.92E-01
1836	387252.74, 3751084.85	10.7236	29.977	28.529	1.62E-01	4.53E-01	4.31E-01	1.90E-01	5.31E-01	5.06E-01	2.82E-01	7.88E-01	7.50E-01
1837	387252.74, 3751109.85	10.3225	28.5634	27.1717	1.56E-01	4.32E-01	4.11E-01	1.83E-01	5.06E-01	4.81E-01	2.71E-01	7.51E-01	7.14E-01
1838	387252.74, 3751134.85	9.76018	27.1369	25.7942	1.48E-01	4.10E-01	3.90E-01	1.73E-01	4.81E-01	4.57E-01	2.57E-01	7.13E-01	6.78E-01
1839	387252.74, 3751159.85	9.42899	26.118	24.8058	1.43E-01	3.95E-01	3.75E-01	1.67E-01	4.63E-01	4.40E-01	2.48E-01	6.87E-01	6.52E-01
1840	387252.74, 3751184.85	9.22339	25.1865	23.9221	1.39E-01	3.81E-01	3.62E-01	1.63E-01	4.46E-01	4.24E-01	2.42E-01	6.62E-01	6.29E-01
1841	387252.74, 3751209.85	8.93046	24.3178	23.0772	1.35E-01	3.68E-01	3.49E-01	1.58E-01	4.31E-01	4.09E-01	2.35E-01	6.39E-01	6.07E-01
1842	387252.74, 3751234.85	8.70173	23.5037	22.2975	1.32E-01	3.55E-01	3.37E-01	1.54E-01	4.16E-01	3.95E-01	2.29E-01	6.18E-01	5.86E-01
1843	387252.74, 3751259.85	8.39996	22.6478	21.4757	1.27E-01	3.42E-01	3.25E-01	1.49E-01	4.01E-01	3.81E-01	2.21E-01	5.95E-01	5.65E-01

1844	387252.74, 3751284.85	8.19735	21.9978	20.8397	1.24E-01	3.33E-01	3.15E-01	1.45E-01	3.90E-01	3.69E-01	2.16E-01	5.78E-01	5.48E-01
1845	387252.74, 3751309.85	7.93097	21.2181	20.0976	1.20E-01	3.21E-01	3.04E-01	1.41E-01	3.76E-01	3.56E-01	2.09E-01	5.58E-01	5.28E-01
1846	387252.74, 3751334.85	7.64058	20.4243	19.3428	1.16E-01	3.09E-01	2.92E-01	1.35E-01	3.62E-01	3.43E-01	2.01E-01	5.37E-01	5.09E-01
1847	387252.74, 3751359.85	7.4115	19.7603	18.7616	1.12E-01	2.99E-01	2.84E-01	1.31E-01	3.50E-01	3.32E-01	1.95E-01	5.19E-01	4.93E-01
1848	387252.74, 3751384.85	7.13742	19.0572	18.116	1.08E-01	2.88E-01	2.74E-01	1.26E-01	3.38E-01	3.21E-01	1.88E-01	5.01E-01	4.76E-01
1849	387252.74, 3751409.85	7.00641	18.5642	17.7172	1.06E-01	2.81E-01	2.68E-01	1.24E-01	3.29E-01	3.14E-01	1.84E-01	4.88E-01	4.66E-01
1850	387252.74, 3751434.85	6.74483	17.9146	17.2793	1.02E-01	2.71E-01	2.61E-01	1.20E-01	3.17E-01	3.06E-01	1.77E-01	4.71E-01	4.54E-01
1851	387252.74, 3751459.85	6.62341	17.471	16.7656	1.00E-01	2.64E-01	2.54E-01	1.17E-01	3.10E-01	2.97E-01	1.74E-01	4.59E-01	4.41E-01
1852	387252.74, 3751484.85	6.49047	17.0341	16.509	9.81E-02	2.58E-01	2.50E-01	1.15E-01	3.02E-01	2.93E-01	1.71E-01	4.48E-01	4.34E-01
1853	387252.74, 3751509.85	6.33229	16.5576	16.1272	9.57E-02	2.50E-01	2.44E-01	1.12E-01	2.93E-01	2.86E-01	1.66E-01	4.35E-01	4.24E-01
1854	387252.74, 3751534.85	6.19652	16.1163	15.6351	9.37E-02	2.44E-01	2.36E-01	1.10E-01	2.86E-01	2.77E-01	1.63E-01	4.24E-01	4.11E-01
1855	387252.74, 3751559.85	6.03547	15.6452	15.0648	9.13E-02	2.37E-01	2.28E-01	1.07E-01	2.77E-01	2.67E-01	1.59E-01	4.11E-01	3.96E-01
1856	387252.74, 3751584.85	5.8795	15.1296	14.5617	8.89E-02	2.29E-01	2.20E-01	1.04E-01	2.68E-01	2.58E-01	1.55E-01	3.98E-01	3.83E-01
1857	387252.74, 3751609.85	5.72869	14.6685	14.2472	8.66E-02	2.22E-01	2.15E-01	1.02E-01	2.60E-01	2.52E-01	1.51E-01	3.86E-01	3.75E-01
1858	387252.74, 3751634.85	5.57585	14.2631	13.9732	8.43E-02	2.16E-01	2.11E-01	9.88E-02	2.53E-01	2.48E-01	1.47E-01	3.75E-01	3.67E-01
1859	387252.74, 3751659.85	5.40664	14.0085	13.7943	8.18E-02	2.12E-01	2.09E-01	9.58E-02	2.48E-01	2.44E-01	1.42E-01	3.68E-01	3.63E-01
1860	387252.74, 3751684.85	5.2408	13.7682	13.6231	7.92E-02	2.08E-01	2.06E-01	9.29E-02	2.44E-01	2.41E-01	1.38E-01	3.62E-01	3.58E-01
1861	387252.74, 3751709.85	5.07394	13.5236	13.3554	7.67E-02	2.04E-01	2.02E-01	8.99E-02	2.40E-01	2.37E-01	1.33E-01	3.56E-01	3.51E-01
1862	387252.74, 3751734.85	4.93552	13.286	13.1234	7.46E-02	2.01E-01	1.98E-01	8.75E-02	2.35E-01	2.33E-01	1.30E-01	3.49E-01	3.45E-01
1863	387252.74, 3751759.85	4.73607	12.9741	12.8012	7.16E-02	1.96E-01	1.94E-01	8.39E-02	2.30E-01	2.27E-01	1.25E-01	3.41E-01	3.37E-01
1864	387252.74, 3751784.85	4.5682	12.6993	12.5078	6.91E-02	1.92E-01	1.89E-01	8.09E-02	2.25E-01	2.22E-01	1.20E-01	3.34E-01	3.29E-01
1865	387252.74, 3751809.85	4.37569	12.3677	12.1853	6.62E-02	1.87E-01	1.84E-01	7.75E-02	2.19E-01	2.16E-01	1.15E-01	3.25E-01	3.20E-01
1866	387252.74, 3751834.85	4.15584	12.0516	11.8557	6.28E-02	1.82E-01	1.79E-01	7.36E-02	2.14E-01	2.10E-01	1.09E-01	3.17E-01	3.12E-01
1867	387252.74, 3751859.85	3.91618	11.6934	11.491	5.92E-02	1.77E-01	1.74E-01	6.94E-02	2.07E-01	2.04E-01	1.03E-01	3.07E-01	3.02E-01
1868	387277.74, 3750684.85	14.7798	46.1892	44.5859	2.23E-01	6.98E-01	6.74E-01	2.62E-01	8.18E-01	7.90E-01	3.89E-01	1.21E+00	1.17E+00
1869	387277.74, 3750709.85	14.7993	44.2584	42.7159	2.24E-01	6.69E-01	6.46E-01	2.62E-01	7.84E-01	7.57E-01	3.89E-01	1.16E+00	1.12E+00
1870	387277.74, 3750734.85	13.8657	41.0512	39.4563	2.10E-01	6.21E-01	5.97E-01	2.46E-01	7.27E-01	6.99E-01	3.65E-01	1.08E+00	1.04E+00
1871	387277.74, 3750759.85	13.2491	38.898	37.2899	2.00E-01	5.88E-01	5.64E-01	2.35E-01	6.89E-01	6.61E-01	3.48E-01	1.02E+00	9.80E-01
1872	387277.74, 3750784.85	12.7856	36.6705	35.0965	1.93E-01	5.54E-01	5.31E-01	2.27E-01	6.50E-01	6.22E-01	3.36E-01	9.64E-01	9.23E-01
1873	387277.74, 3750809.85	11.9034	34.1496	32.5862	1.80E-01	5.16E-01	4.93E-01	2.11E-01	6.05E-01	5.77E-01	3.13E-01	8.98E-01	8.57E-01
1874	387277.74, 3750834.85	11.4348	32.4855	30.9539	1.73E-01	4.91E-01	4.68E-01	2.03E-01	5.76E-01	5.48E-01	3.01E-01	8.54E-01	8.14E-01
1875	387277.74, 3750859.85	11.139	31.161	29.6596	1.68E-01	4.71E-01	4.48E-01	1.97E-01	5.52E-01	5.26E-01	2.93E-01	8.19E-01	7.80E-01
1876	387277.74, 3750884.85	10.7373	30.0886	28.6128	1.62E-01	4.55E-01	4.33E-01	1.90E-01	5.33E-01	5.07E-01	2.82E-01	7.91E-01	7.52E-01
1877	387277.74, 3750909.85	10.3832	28.8013	27.3787	1.57E-01	4.35E-01	4.14E-01	1.84E-01	5.10E-01	4.85E-01	2.73E-01	7.57E-01	7.20E-01
1878	387277.74, 3750934.85	10.0839	27.4804	26.1044	1.52E-01	4.16E-01	3.95E-01	1.79E-01	4.87E-01	4.63E-01	2.65E-01	7.22E-01	6.86E-01
1879	387277.74, 3750959.85	9.61966	26.2435	24.914	1.45E-01	3.97E-01	3.77E-01	1.70E-01	4.65E-01	4.41E-01	2.53E-01	6.90E-01	6.55E-01
1880	387277.74, 3750984.85	9.34523	25.3071	24.0181	1.41E-01	3.83E-01	3.63E-01	1.66E-01	4.48E-01	4.26E-01	2.46E-01	6.65E-01	6.31E-01
1881	387277.74, 3751009.85	9.0077	24.4001	23.1476	1.36E-01	3.69E-01	3.50E-01	1.60E-01	4.32E-01	4.10E-01	2.37E-01	6.41E-01	6.09E-01
1882	387277.74, 3751034.85	8.74894	23.5777	22.3496	1.32E-01	3.57E-01	3.38E-01	1.55E-01	4.18E-01	3.96E-01	2.30E-01	6.20E-01	5.88E-01
1883	387277.74, 3751059.85	8.50296	22.8234	21.6222	1.29E-01	3.45E-01	3.27E-01	1.51E-01	4.04E-01	3.83E-01	2.24E-01	6.00E-01	5.68E-01
1884	387277.74, 3751084.85	8.26926	22.0453	20.8805	1.25E-01	3.33E-01	3.16E-01	1.47E-01	3.91E-01	3.70E-01	2.17E-01	5.80E-01	5.49E-01
1885	387277.74, 3751109.85	8.0911	21.4128	20.2851	1.22E-01	3.24E-01	3.07E-01	1.43E-01	3.79E-01	3.59E-01	2.13E-01	5.63E-01	5.33E-01
1886	387277.74, 3751134.85	7.89089	20.8253	19.7343	1.19E-01	3.15E-01	2.98E-01	1.40E-01	3.69E-01	3.50E-01	2.07E-01	5.47E-01	5.19E-01
1887	387277.74, 3751159.85	7.5494	20.0969	19.0974	1.14E-01	3.04E-01	2.89E-01	1.34E-01	3.56E-01	3.38E-01	1.98E-01	5.28E-01	5.02E-01
1888	387277.74, 3751184.85	7.30943	19.409	18.4526	1.11E-01	2.93E-01	2.79E-01	1.30E-01	3.44E-01	3.27E-01	1.92E-01	5.10E-01	4.85E-01
1889	387277.74, 3751209.85	7.13044	18.8818	17.9176	1.08E-01	2.86E-01	2.71E-01	1.26E-01	3.35E-01	3.17E-01	1.87E-01	4.96E-01	4.71E-01
1890	387277.74, 3751234.85	6.97502	18.3993	17.4834	1.05E-01	2.78E-01	2.64E-01	1.24E-01	3.26E-01	3.10E-01	1.83E-01	4.84E-01	4.60E-01
1891	387277.74, 3751259.85	6.77007	17.87	16.9451	1.02E-01	2.70E-01	2.56E-01	1.20E-01	3.17E-01	3.00E-01	1.78E-01	4.70E-01	4.45E-01
1892	387277.74, 3751284.85	6.64663	17.4625	16.5634	1.01E-01	2.64E-01	2.50E-01	1.18E-01	3.09E-01	2.93E-01	1.75E-01	4.59E-01	4.35E-01
1893	387277.74, 3751309.85	6.47228	16.9912	16.1184	9.79E-02	2.57E-01	2.44E-01	1.15E-01	3.01E-01	2.86E-01	1.70E-01	4.47E-01	4.24E-01
1894	387277.74, 3751334.85	6.31377	16.5372	15.7481	9.55E-02	2.50E-01	2.38E-01	1.12E-01	2.93E-01	2.79E-01	1.66E-01	4.35E-01	4.14E-01
1895	387277.74, 3751359.85	6.17154	16.1029	15.6407	9.33E-02	2.43E-01	2.36E-01	1.09E-01	2.85E-01	2.77E-01	1.62E-01	4.23E-01	4.11E-01
1896	387277.74, 3751384.85	6.03135	15.6904	15.3598	9.12E-02	2.37E-01	2.32E-01	1.07E-01	2.78E-01	2.72E-01	1.59E-01	4.13E-01	4.04E-01
1897	387277.74, 3751409.85	5.89365	15.3689	15.1366	8.91E-02	2.32E-01	2.29E-01	1.04E-01	2.72E-01	2.68E-01	1.55E-01	4.04E-01	3.98E-01
1898	387277.74, 3751434.85	5.75781	15.1361	14.8883	8.71E-02	2.29E-01	2.25E-01	1.02E-01	2.68E-01	2.64E-01	1.51E-01	3.98E-01	3.91E-01
1899	387277.74, 3751459.85	5.62533	14.8243	14.5595	8.51E-02	2.24E-01	2.20E-01	9.97E-02	2.63E-01	2.58E-01	1.48E-01	3.90E-01	3.83E-01
1900	387277.74, 3751484.85	5.49856	14.5284	14.2766	8.31E-02	2.20E-01	2.16E-01	9.74E-02	2.57E-01	2.53E-01	1.45E-01	3.82E-01	3.75E-01
1901	387277.74, 3751509.85	5.3706	14.288	14.0051	8.12E-02	2.16E-01	2.12E-01	9.52E-02	2.53E-01	2.48E-01	1.41E-01	3.76E-01	3.68E-01
1902	387277.74, 3751534.85	5.25212	13.9185	13.6379	7.94E-02	2.10E-01	2.06E-01	9.31E-02	2.47E-01	2.42E-01	1.38E-01	3.66E-01	3.59E-01
1903	387277.74, 3751559.85	5.12484	13.4329	13.1342	7.75E-02	2.03E-01	1.99E-01	9.08E-02	2.38E-01	2.33E-01	1.35E-01	3.53E-01	3.45E-01
1904	387277.74, 3751584.85	5.00915	12.8718	12.5565	7.57E-02	1.95E-01	1.90E-01	8.88E-02	2.28E-01	2.22E-01	1.32E-01	3.38E-01	3.30E-01
1905	387277.74, 3751609.85	4.89445	12.5294	12.3162	7.40E-02	1.89E-01	1.86E-01	8.67E-02	2.22E-01	2.18E-01	1.29E-01	3.29E-01	3.24E-01
1906	387277.74, 3751634.85	4.77689	12.4964	12.285	7.22E-02	1.89E-01	1.86E-01	8.46E-02	2.21E-01	2.18E-01	1.26E-01	3.29E-01	3.23E-01
1907	387277.74, 3751659.85	4.65745	12.453	12.2623	7.04E-02	1.88E-01	1.85E-01	8.25E-02	2.21E-01	2.17E-01	1.22E-01	3.27E-01	3.22E-01
1908	387277.74, 3751684.85	4.53043	12.2942	12.1457	6.85E-02	1.86E-01	1.84E-01	8.03E-02	2.18E-01	2.15E-01	1.19E-01	3.23E-01	3.19E-01
1909	387277.74, 3751709.85	4.39945	12.0616	11.943	6.65E-02	1.82E-01	1.81E-01	7.80E-02	2.14E-01	2.12E-01	1.16E-01	3.17E-01	3.14E-01
1910	387277.74, 3751734.85	4.25999	11.8599	11.7571	6.44E-02	1.79E-01	1.78E-01	7.55E-02	2.10E-01	2.08E-01	1.12E-01	3.12E-01	3.09E-01
1911	387277.74, 3751759.85	4.11074	11.6602	11.5334	6.22E-02	1.76E-01	1.74E-01	7.28E-02	2.07E-01	2.04E-01	1.08E-01	3.07E-01	3.03E-01
1912	387277.74, 3751784.85	3.95608	11.4443	11.2869	5.98E-02	1.73E-01	1.71E-01	7.01E-02	2.03E-01	2.00E-01	1.04E-01	3.01E-01	2.97E-01
1913	387277.74, 3751809.85	3.79683	11.2085	11.0397	5.74E-02	1.69E-01	1.67E-01	6.73E-02	1.99E-01	1.96E-01	9.98E-02	2.95E-01	2.90E-01
1914	387277.74, 3751834.85	3.62288	10.9643	10.7873	5.48E-02	1.66E-01	1.63E-01	6.42E-02	1.94E-01	1.91E-01	9.52E-02	2.88E-01	2.84E-01
1915	387277.74, 3751859.85	3.42675	10.6949	10.5033	5.18E-02	1.62E-01	1.59E-01	6.07E-02	1.90E-01	1.86E-01	9.01E-02	2.81E-01	2.76E-01
1916	387302.74, 3750459.85	16.4725	50.5668	49.0791	2.49E-01	7.65E-01	7.42E-01	2.92E-01	8.96E-01	8.70E-01	4.33E-01	1.33E+00	1.29E+00
1917	387302.74, 3750484.85	14.5163	44.9622	43.3378	2.19E-01	6.80E-01	6.55E-01	2.57E-01	7.97E-01	7.68E-01	3.82E-01	1.18E+00	1.14E+00
1918	387302.74, 3750509.85	14.3246	42.8051	41.2417	2.17E-01	6.47E-01	6.24E-01	2.54E-01	7.58E-01	7.31E-01	3.77E-01	1.13E+00	1.08E+00
1919	387302.74, 3750534.85	13.4788	39.7993	38.2104	2.04E-01	6.02E-01	5.78E-01	2.39E-01	7.05E-01	6.77E-01	3.54E-01	1.05E+00	1.00E+00
1920	387302.74, 3750559.85	12.752	37.5059	35.9049	1.93E-01	5.67E-01	5.43E-01	2.26E-01	6.65E-01	6.36E-01	3.35E-01	9.86E-01	9.44E-01

1921	387302.74, 3750584.85	12.4206	35.553	33.9959	1.88E-01	5.38E-01	5.14E-01	2.20E-01	6.30E-01	6.02E-01	3.27E-01	9.35E-01	8.94E-01
1922	387302.74, 3750609.85	11.6784	33.5319	31.9785	1.77E-01	5.07E-01	4.84E-01	2.07E-01	5.94E-01	5.67E-01	3.07E-01	8.82E-01	8.41E-01
1923	387302.74, 3750634.85	11.2555	32.0948	30.5653	1.70E-01	4.85E-01	4.62E-01	1.99E-01	5.69E-01	5.42E-01	2.96E-01	8.44E-01	8.04E-01
1924	387302.74, 3750659.85	10.9591	30.644	29.1654	1.66E-01	4.63E-01	4.41E-01	1.94E-01	5.43E-01	5.17E-01	2.88E-01	8.06E-01	7.67E-01
1925	387302.74, 3750684.85	10.5154	29.2847	27.8543	1.59E-01	4.43E-01	4.21E-01	1.86E-01	5.19E-01	4.94E-01	2.76E-01	7.70E-01	7.32E-01
1926	387302.74, 3750709.85	10.1889	28.0663	26.6716	1.54E-01	4.24E-01	4.03E-01	1.81E-01	4.97E-01	4.73E-01	2.68E-01	7.38E-01	7.01E-01
1927	387302.74, 3750734.85	9.88897	27.0262	25.6775	1.50E-01	4.09E-01	3.88E-01	1.75E-01	4.79E-01	4.55E-01	2.60E-01	7.11E-01	6.75E-01
1928	387302.74, 3750759.85	9.55067	26.0816	24.7576	1.44E-01	3.94E-01	3.74E-01	1.69E-01	4.62E-01	4.39E-01	2.51E-01	6.86E-01	6.51E-01
1929	387302.74, 3750784.85	9.28634	25.155	23.8687	1.40E-01	3.80E-01	3.61E-01	1.65E-01	4.46E-01	4.23E-01	2.44E-01	6.61E-01	6.28E-01
1930	387302.74, 3750809.85	8.96894	24.1962	22.9434	1.36E-01	3.66E-01	3.47E-01	1.59E-01	4.29E-01	4.07E-01	2.36E-01	6.36E-01	6.03E-01
1931	387302.74, 3750834.85	8.67803	23.381	22.1658	1.31E-01	3.54E-01	3.35E-01	1.54E-01	4.14E-01	3.93E-01	2.28E-01	6.15E-01	5.83E-01
1932	387302.74, 3750859.85	8.45854	22.6989	21.5003	1.28E-01	3.43E-01	3.25E-01	1.50E-01	4.02E-01	3.81E-01	2.22E-01	5.97E-01	5.65E-01
1933	387302.74, 3750884.85	8.24161	22.1158	20.9503	1.25E-01	3.34E-01	3.17E-01	1.46E-01	3.92E-01	3.71E-01	2.17E-01	5.81E-01	5.51E-01
1934	387302.74, 3750909.85	7.96632	21.4207	20.2964	1.20E-01	3.24E-01	3.07E-01	1.41E-01	3.80E-01	3.60E-01	2.09E-01	5.63E-01	5.34E-01
1935	387302.74, 3750934.85	7.80346	20.7744	19.6892	1.18E-01	3.14E-01	2.98E-01	1.38E-01	3.68E-01	3.49E-01	2.05E-01	5.46E-01	5.18E-01
1936	387302.74, 3750959.85	7.62575	20.1571	19.1386	1.15E-01	3.05E-01	2.89E-01	1.35E-01	3.57E-01	3.39E-01	2.00E-01	5.30E-01	5.03E-01
1937	387302.74, 3750984.85	7.45123	19.6266	18.6438	1.13E-01	2.97E-01	2.82E-01	1.32E-01	3.48E-01	3.30E-01	1.96E-01	5.16E-01	4.90E-01
1938	387302.74, 3751009.85	7.24766	19.1031	18.1302	1.10E-01	2.89E-01	2.74E-01	1.28E-01	3.38E-01	3.21E-01	1.91E-01	5.02E-01	4.77E-01
1939	387302.74, 3751034.85	7.002	18.5031	17.5471	1.06E-01	2.80E-01	2.65E-01	1.24E-01	3.28E-01	3.11E-01	1.84E-01	4.86E-01	4.61E-01
1940	387302.74, 3751059.85	6.87386	18.0651	17.1386	1.04E-01	2.73E-01	2.59E-01	1.22E-01	3.20E-01	3.04E-01	1.81E-01	4.75E-01	4.51E-01
1941	387302.74, 3751084.85	6.71689	17.602	16.8342	1.02E-01	2.66E-01	2.55E-01	1.19E-01	3.12E-01	2.98E-01	1.77E-01	4.63E-01	4.43E-01
1942	387302.74, 3751109.85	6.53341	17.1235	16.4597	9.88E-02	2.59E-01	2.49E-01	1.16E-01	3.03E-01	2.92E-01	1.72E-01	4.50E-01	4.33E-01
1943	387302.74, 3751134.85	6.37083	16.7011	16.1658	9.63E-02	2.53E-01	2.44E-01	1.13E-01	2.96E-01	2.86E-01	1.67E-01	4.39E-01	4.25E-01
1944	387302.74, 3751159.85	6.22176	16.3163	15.9524	9.41E-02	2.47E-01	2.41E-01	1.10E-01	2.89E-01	2.83E-01	1.64E-01	4.29E-01	4.19E-01
1945	387302.74, 3751184.85	6.08569	15.9884	15.6299	9.20E-02	2.42E-01	2.36E-01	1.08E-01	2.83E-01	2.77E-01	1.60E-01	4.20E-01	4.11E-01
1946	387302.74, 3751209.85	5.95745	15.6153	15.2391	9.01E-02	2.36E-01	2.30E-01	1.06E-01	2.77E-01	2.70E-01	1.57E-01	4.11E-01	4.01E-01
1947	387302.74, 3751234.85	5.84807	15.2995	14.9194	8.84E-02	2.31E-01	2.26E-01	1.04E-01	2.71E-01	2.64E-01	1.54E-01	4.02E-01	3.92E-01
1948	387302.74, 3751259.85	5.71606	14.9403	14.5414	8.64E-02	2.26E-01	2.20E-01	1.01E-01	2.65E-01	2.58E-01	1.50E-01	3.93E-01	3.82E-01
1949	387302.74, 3751284.85	5.60677	14.5933	14.1747	8.48E-02	2.21E-01	2.14E-01	9.93E-02	2.59E-01	2.51E-01	1.47E-01	3.84E-01	3.73E-01
1950	387302.74, 3751309.85	5.46915	14.2181	13.7093	8.27E-02	2.15E-01	2.07E-01	9.69E-02	2.52E-01	2.43E-01	1.44E-01	3.74E-01	3.60E-01
1951	387302.74, 3751334.85	5.35375	13.8961	13.4668	8.10E-02	2.10E-01	2.04E-01	9.49E-02	2.46E-01	2.39E-01	1.41E-01	3.65E-01	3.54E-01
1952	387302.74, 3751359.85	5.24346	13.7771	13.5485	7.93E-02	2.08E-01	2.05E-01	9.29E-02	2.44E-01	2.40E-01	1.38E-01	3.62E-01	3.56E-01
1953	387302.74, 3751384.85	5.13079	13.6272	13.5	7.76E-02	2.06E-01	2.04E-01	9.09E-02	2.41E-01	2.39E-01	1.35E-01	3.58E-01	3.55E-01
1954	387302.74, 3751409.85	5.04316	13.425	13.3091	7.63E-02	2.03E-01	2.01E-01	8.94E-02	2.38E-01	2.36E-01	1.33E-01	3.53E-01	3.50E-01
1955	387302.74, 3751434.85	4.93444	13.2997	13.1365	7.46E-02	2.01E-01	1.99E-01	8.74E-02	2.36E-01	2.33E-01	1.30E-01	3.50E-01	3.45E-01
1956	387302.74, 3751459.85	4.83561	13.135	12.9247	7.31E-02	1.99E-01	1.95E-01	8.57E-02	2.33E-01	2.29E-01	1.27E-01	3.45E-01	3.40E-01
1957	387302.74, 3751484.85	4.72605	12.9285	12.7012	7.15E-02	1.95E-01	1.92E-01	8.37E-02	2.29E-01	2.25E-01	1.24E-01	3.40E-01	3.34E-01
1958	387302.74, 3751509.85	4.62593	12.7197	12.4931	6.99E-02	1.92E-01	1.89E-01	8.20E-02	2.25E-01	2.21E-01	1.22E-01	3.34E-01	3.28E-01
1959	387302.74, 3751534.85	4.5335	12.4401	12.2103	6.85E-02	1.88E-01	1.85E-01	8.03E-02	2.20E-01	2.16E-01	1.19E-01	3.27E-01	3.21E-01
1960	387302.74, 3751559.85	4.44107	12.104	11.832	6.72E-02	1.83E-01	1.79E-01	7.87E-02	2.14E-01	2.10E-01	1.17E-01	3.18E-01	3.11E-01
1961	387302.74, 3751584.85	4.34804	11.84	11.6103	6.57E-02	1.79E-01	1.76E-01	7.70E-02	2.10E-01	2.06E-01	1.14E-01	3.11E-01	3.05E-01
1962	387302.74, 3751609.85	4.2455	11.2038	11.0512	6.42E-02	1.69E-01	1.67E-01	7.52E-02	1.99E-01	1.96E-01	1.12E-01	2.95E-01	2.91E-01
1963	387302.74, 3751634.85	4.15513	11.3043	11.1828	6.28E-02	1.71E-01	1.69E-01	7.36E-02	2.00E-01	1.98E-01	1.09E-01	2.97E-01	2.94E-01
1964	387302.74, 3751659.85	4.04796	11.1973	11.0652	6.12E-02	1.69E-01	1.67E-01	7.17E-02	1.98E-01	1.96E-01	1.06E-01	2.94E-01	2.91E-01
1965	387302.74, 3751684.85	3.94876	11.0652	10.9481	5.97E-02	1.67E-01	1.66E-01	7.00E-02	1.96E-01	1.94E-01	1.04E-01	2.91E-01	2.88E-01
1966	387302.74, 3751709.85	3.83865	10.9154	10.8121	5.80E-02	1.65E-01	1.63E-01	6.80E-02	1.93E-01	1.92E-01	1.01E-01	2.87E-01	2.84E-01
1967	387302.74, 3751734.85	3.72113	10.7555	10.6613	5.63E-02	1.63E-01	1.61E-01	6.59E-02	1.91E-01	1.89E-01	9.78E-02	2.83E-01	2.80E-01
1968	387302.74, 3751759.85	3.60224	10.6099	10.4881	5.45E-02	1.60E-01	1.59E-01	6.38E-02	1.88E-01	1.86E-01	9.47E-02	2.79E-01	2.76E-01
1969	387302.74, 3751784.85	3.4815	10.4568	10.3163	5.26E-02	1.58E-01	1.56E-01	6.17E-02	1.85E-01	1.83E-01	9.15E-02	2.75E-01	2.71E-01
1970	387302.74, 3751809.85	3.34919	10.278	10.1212	5.06E-02	1.55E-01	1.53E-01	5.93E-02	1.82E-01	1.79E-01	8.81E-02	2.70E-01	2.66E-01
1971	387302.74, 3751834.85	3.20025	10.0807	9.91207	4.84E-02	1.52E-01	1.50E-01	5.67E-02	1.79E-01	1.76E-01	8.41E-02	2.65E-01	2.61E-01
1972	387302.74, 3751859.85	3.05134	9.88078	9.71714	4.61E-02	1.49E-01	1.47E-01	5.41E-02	1.75E-01	1.72E-01	8.02E-02	2.60E-01	2.55E-01
1973	387327.74, 3750259.85	16.4766	49.7876	48.322	2.49E-01	7.53E-01	7.31E-01	2.92E-01	8.82E-01	8.56E-01	4.33E-01	1.31E+00	1.27E+00
1974	387327.74, 3750284.85	14.9102	45.2318	43.6356	2.25E-01	6.84E-01	6.60E-01	2.64E-01	8.01E-01	7.73E-01	3.92E-01	1.19E+00	1.15E+00
1975	387327.74, 3750309.85	14.7277	43.2697	41.7238	2.23E-01	6.54E-01	6.31E-01	2.61E-01	7.67E-01	7.39E-01	3.87E-01	1.14E+00	1.10E+00
1976	387327.74, 3750334.85	13.8833	39.8458	38.2009	2.10E-01	6.02E-01	5.78E-01	2.46E-01	7.06E-01	6.77E-01	3.65E-01	1.05E+00	1.00E+00
1977	387327.74, 3750359.85	12.9443	37.4634	35.8397	1.96E-01	5.66E-01	5.42E-01	2.29E-01	6.64E-01	6.35E-01	3.40E-01	9.85E-01	9.42E-01
1978	387327.74, 3750384.85	12.482	35.652	34.0636	1.89E-01	5.39E-01	5.15E-01	2.21E-01	6.32E-01	6.04E-01	3.28E-01	9.37E-01	8.96E-01
1979	387327.74, 3750409.85	11.6828	33.104	31.5432	1.77E-01	5.01E-01	4.77E-01	2.07E-01	5.87E-01	5.59E-01	3.07E-01	8.70E-01	8.29E-01
1980	387327.74, 3750434.85	11.1367	31.5992	30.0765	1.68E-01	4.78E-01	4.55E-01	1.97E-01	5.60E-01	5.33E-01	2.93E-01	8.31E-01	7.91E-01
1981	387327.74, 3750459.85	10.9905	30.3981	28.9302	1.66E-01	4.60E-01	4.37E-01	1.95E-01	5.39E-01	5.13E-01	2.89E-01	7.99E-01	7.61E-01
1982	387327.74, 3750484.85	10.4575	28.9099	27.4821	1.58E-01	4.37E-01	4.16E-01	1.85E-01	5.12E-01	4.87E-01	2.75E-01	7.60E-01	7.23E-01
1983	387327.74, 3750509.85	9.9536	27.5146	26.1419	1.51E-01	4.16E-01	3.95E-01	1.76E-01	4.88E-01	4.63E-01	2.62E-01	7.23E-01	6.87E-01
1984	387327.74, 3750534.85	9.68673	26.509	25.1858	1.46E-01	4.01E-01	3.81E-01	1.72E-01	4.70E-01	4.46E-01	2.55E-01	6.97E-01	6.62E-01
1985	387327.74, 3750559.85	9.3256	25.5371	24.239	1.41E-01	3.86E-01	3.67E-01	1.65E-01	4.53E-01	4.30E-01	2.45E-01	6.71E-01	6.37E-01
1986	387327.74, 3750584.85	9.11649	24.6985	23.4362	1.38E-01	3.73E-01	3.54E-01	1.62E-01	4.38E-01	4.15E-01	2.40E-01	6.49E-01	6.16E-01
1987	387327.74, 3750609.85	8.88666	23.9694	22.721	1.34E-01	3.62E-01	3.44E-01	1.57E-01	4.25E-01	4.03E-01	2.34E-01	6.30E-01	5.97E-01
1988	387327.74, 3750634.85	8.61814	23.2317	22.0097	1.30E-01	3.51E-01	3.33E-01	1.53E-01	4.12E-01	3.90E-01	2.27E-01	6.11E-01	5.79E-01
1989	387327.74, 3750659.85	8.40225	22.5152	21.3274	1.27E-01	3.40E-01	3.22E-01	1.49E-01	3.99E-01	3.78E-01	2.21E-01	5.92E-01	5.61E-01
1990	387327.74, 3750684.85	8.25757	21.9175	20.7633	1.25E-01	3.31E-01	3.14E-01	1.46E-01	3.88E-01	3.68E-01	2.17E-01	5.76E-01	5.46E-01
1991	387327.74, 3750709.85	8.01412	21.2305	20.1156	1.21E-01	3.21E-01	3.04E-01	1.42E-01	3.76E-01	3.56E-01	2.11E-01	5.58E-01	5.29E-01
1992	387327.74, 3750734.85	7.81513	20.6486	19.5719	1.18E-01	3.12E-01	2.96E-01	1.38E-01	3.66E-01	3.47E-01	2.05E-01	5.43E-01	5.15E-01
1993	387327.74, 3750759.85	7.61804	20.1057	19.0649	1.15E-01	3.04E-01	2.88E-01	1.35E-01	3.56E-01	3.38E-01	2.00E-01	5.29E-01	5.01E-01
1994	387327.74, 3750784.85	7.42231	19.5732	18.5655	1.12E-01	2.96E-01	2.81E-01	1.32E-01	3.47E-01	3.29E-01	1.95E-01	5.15E-01	4.88E-01
1995	387327.74, 3750809.85	7.21006	19.0184	18.0405	1.09E-01	2.88E-01	2.73E-01	1.28E-01	3.37E-01	3.20E-01	1.90E-01	5.00E-01	4.74E-01
1996	387327.74, 3750834.85	7.05799	18.5616	17.7448	1.07E-01	2.81E-01	2.68E-01	1.25E-01	3.29E-01	3.14E-01	1.86E-01	4.88E-01	4.67E-01
1997	387327.74, 3750859.85	6.88277	18.1172	17.4438	1.04E-01	2.74E-01	2.64E-01	1.22E-01	3.21E-01	3.09E-01	1.81E-01	4.76E-01	4.59E-01

1998	387327.74, 3750884.85	6.7296	17.72	16.9203	1.02E-01	2.68E-01	2.56E-01	1.19E-01	3.14E-01	3.00E-01	1.77E-01	4.66E-01	4.45E-01
1999	387327.74, 3750909.85	6.54541	17.2945	16.4253	9.90E-02	2.62E-01	2.48E-01	1.16E-01	3.06E-01	2.91E-01	1.72E-01	4.55E-01	4.32E-01
2000	387327.74, 3750934.85	6.4388	16.9177	16.0634	9.74E-02	2.56E-01	2.43E-01	1.14E-01	3.00E-01	2.85E-01	1.69E-01	4.45E-01	4.22E-01
2001	387327.74, 3750959.85	6.31286	16.4992	15.8594	9.55E-02	2.49E-01	2.40E-01	1.12E-01	2.92E-01	2.81E-01	1.66E-01	4.34E-01	4.17E-01
2002	387327.74, 3750984.85	6.21861	16.156	15.5949	9.40E-02	2.44E-01	2.36E-01	1.10E-01	2.86E-01	2.76E-01	1.63E-01	4.25E-01	4.10E-01
2003	387327.74, 3751009.85	6.0642	15.7799	15.2896	9.17E-02	2.39E-01	2.31E-01	1.07E-01	2.80E-01	2.71E-01	1.59E-01	4.15E-01	4.02E-01
2004	387327.74, 3751034.85	5.88604	15.3682	14.8339	8.90E-02	2.32E-01	2.24E-01	1.04E-01	2.72E-01	2.63E-01	1.55E-01	4.04E-01	3.90E-01
2005	387327.74, 3751059.85	5.74345	15.016	14.3195	8.68E-02	2.27E-01	2.17E-01	1.02E-01	2.66E-01	2.54E-01	1.51E-01	3.95E-01	3.76E-01
2006	387327.74, 3751084.85	5.66702	14.7677	14.4146	8.57E-02	2.23E-01	2.18E-01	1.00E-01	2.62E-01	2.55E-01	1.49E-01	3.88E-01	3.79E-01
2007	387327.74, 3751109.85	5.55182	14.5161	14.2762	8.39E-02	2.19E-01	2.16E-01	9.84E-02	2.57E-01	2.53E-01	1.46E-01	3.82E-01	3.75E-01
2008	387327.74, 3751134.85	5.44979	14.3138	14.1267	8.24E-02	2.16E-01	2.14E-01	9.66E-02	2.54E-01	2.50E-01	1.43E-01	3.76E-01	3.71E-01
2009	387327.74, 3751159.85	5.33939	14.1513	13.9255	8.07E-02	2.14E-01	2.11E-01	9.46E-02	2.51E-01	2.47E-01	1.40E-01	3.72E-01	3.66E-01
2010	387327.74, 3751184.85	5.24061	13.9875	13.7668	7.92E-02	2.11E-01	2.08E-01	9.29E-02	2.48E-01	2.44E-01	1.38E-01	3.68E-01	3.62E-01
2011	387327.74, 3751209.85	5.13302	13.7337	13.4907	7.76E-02	2.08E-01	2.04E-01	9.10E-02	2.43E-01	2.39E-01	1.35E-01	3.61E-01	3.55E-01
2012	387327.74, 3751234.85	5.03558	13.4728	13.2333	7.61E-02	2.04E-01	2.00E-01	8.92E-02	2.39E-01	2.34E-01	1.32E-01	3.54E-01	3.48E-01
2013	387327.74, 3751259.85	4.94883	13.191	12.9473	7.48E-02	1.99E-01	1.96E-01	8.77E-02	2.34E-01	2.29E-01	1.30E-01	3.47E-01	3.40E-01
2014	387327.74, 3751284.85	4.85302	12.8663	12.6204	7.34E-02	1.95E-01	1.91E-01	8.60E-02	2.28E-01	2.24E-01	1.28E-01	3.38E-01	3.32E-01
2015	387327.74, 3751309.85	4.74981	12.4884	12.2233	7.18E-02	1.89E-01	1.85E-01	8.42E-02	2.21E-01	2.17E-01	1.25E-01	3.28E-01	3.21E-01
2016	387327.74, 3751334.85	4.6518	12.1749	11.9696	7.03E-02	1.84E-01	1.81E-01	8.24E-02	2.16E-01	2.12E-01	1.22E-01	3.20E-01	3.15E-01
2017	387327.74, 3751359.85	4.56155	12.2794	12.0408	6.90E-02	1.86E-01	1.82E-01	8.08E-02	2.18E-01	2.13E-01	1.20E-01	3.23E-01	3.17E-01
2018	387327.74, 3751384.85	4.48613	12.2274	12.1129	6.78E-02	1.85E-01	1.83E-01	7.95E-02	2.17E-01	2.15E-01	1.18E-01	3.21E-01	3.18E-01
2019	387327.74, 3751409.85	4.41177	12.0498	11.9503	6.67E-02	1.82E-01	1.81E-01	7.82E-02	2.14E-01	2.12E-01	1.16E-01	3.17E-01	3.14E-01
2020	387327.74, 3751434.85	4.33168	11.924	11.8063	6.55E-02	1.80E-01	1.79E-01	7.68E-02	2.11E-01	2.09E-01	1.14E-01	3.13E-01	3.10E-01
2021	387327.74, 3751459.85	4.25134	11.8136	11.666	6.43E-02	1.79E-01	1.76E-01	7.53E-02	2.09E-01	2.07E-01	1.12E-01	3.11E-01	3.07E-01
2022	387327.74, 3751484.85	4.16367	11.6749	11.5124	6.30E-02	1.77E-01	1.74E-01	7.38E-02	2.07E-01	2.04E-01	1.09E-01	3.07E-01	3.03E-01
2023	387327.74, 3751509.85	4.07947	11.49	11.3159	6.17E-02	1.74E-01	1.71E-01	7.23E-02	2.04E-01	2.01E-01	1.07E-01	3.02E-01	2.97E-01
2024	387327.74, 3751534.85	3.99732	11.3293	11.1121	6.04E-02	1.71E-01	1.68E-01	7.08E-02	2.01E-01	1.97E-01	1.05E-01	2.98E-01	2.92E-01
2025	387327.74, 3751559.85	3.92251	11.0698	10.8295	5.93E-02	1.67E-01	1.64E-01	6.95E-02	1.96E-01	1.92E-01	1.03E-01	2.91E-01	2.85E-01
2026	387327.74, 3751584.85	3.83541	10.6958	10.4625	5.80E-02	1.62E-01	1.58E-01	6.80E-02	1.90E-01	1.85E-01	1.01E-01	2.81E-01	2.75E-01
2027	387327.74, 3751609.85	3.75968	10.3382	10.1427	5.68E-02	1.56E-01	1.53E-01	6.66E-02	1.83E-01	1.80E-01	9.88E-02	2.72E-01	2.67E-01
2028	387327.74, 3751634.85	3.68179	10.2067	10.0717	5.57E-02	1.54E-01	1.52E-01	6.52E-02	1.81E-01	1.78E-01	9.68E-02	2.68E-01	2.65E-01
2029	387327.74, 3751659.85	3.59884	10.1947	10.0699	5.44E-02	1.54E-01	1.52E-01	6.38E-02	1.81E-01	1.78E-01	9.46E-02	2.68E-01	2.65E-01
2030	387327.74, 3751684.85	3.51271	10.1302	10.0295	5.31E-02	1.53E-01	1.52E-01	6.22E-02	1.80E-01	1.78E-01	9.23E-02	2.66E-01	2.64E-01
2031	387327.74, 3751709.85	3.41013	10.0069	9.91679	5.16E-02	1.51E-01	1.50E-01	6.04E-02	1.77E-01	1.76E-01	8.97E-02	2.63E-01	2.61E-01
2032	387327.74, 3751734.85	3.32836	9.87472	9.78098	5.03E-02	1.49E-01	1.48E-01	5.90E-02	1.75E-01	1.73E-01	8.75E-02	2.60E-01	2.57E-01
2033	387327.74, 3751759.85	3.23334	9.75002	9.65984	4.89E-02	1.47E-01	1.46E-01	5.73E-02	1.73E-01	1.71E-01	8.50E-02	2.56E-01	2.54E-01
2034	387327.74, 3751784.85	3.12158	9.62952	9.52157	4.72E-02	1.46E-01	1.44E-01	5.53E-02	1.71E-01	1.69E-01	8.21E-02	2.53E-01	2.50E-01
2035	387327.74, 3751809.85	3.00471	9.5008	9.36917	4.54E-02	1.44E-01	1.42E-01	5.32E-02	1.68E-01	1.66E-01	7.90E-02	2.50E-01	2.46E-01
2036	387327.74, 3751834.85	2.87976	9.35126	9.21531	4.35E-02	1.41E-01	1.39E-01	5.10E-02	1.66E-01	1.63E-01	7.57E-02	2.46E-01	2.42E-01
2037	387327.74, 3751859.85	2.7437	9.16946	9.03276	4.15E-02	1.39E-01	1.37E-01	4.86E-02	1.62E-01	1.60E-01	7.21E-02	2.41E-01	2.37E-01
2038	387352.74, 3750034.85	16.9392	52.9692	51.6321	2.56E-01	8.01E-01	7.81E-01	3.00E-01	9.39E-01	9.15E-01	4.45E-01	1.39E+00	1.36E+00
2039	387352.74, 3750059.85	16.7368	49.9873	48.7142	2.53E-01	7.56E-01	7.37E-01	2.97E-01	8.86E-01	8.63E-01	4.40E-01	1.31E+00	1.28E+00
2040	387352.74, 3750084.85	14.6906	43.6455	42.0196	2.22E-01	6.60E-01	6.35E-01	2.60E-01	7.73E-01	7.45E-01	3.86E-01	1.15E+00	1.10E+00
2041	387352.74, 3750109.85	13.9523	40.9501	39.3379	2.11E-01	6.19E-01	5.95E-01	2.47E-01	7.26E-01	6.97E-01	3.67E-01	1.08E+00	1.03E+00
2042	387352.74, 3750134.85	13.494	38.7107	37.0903	2.04E-01	5.85E-01	5.61E-01	2.39E-01	6.86E-01	6.57E-01	3.55E-01	1.02E+00	9.75E-01
2043	387352.74, 3750159.85	12.7536	36.6532	35.0355	1.93E-01	5.54E-01	5.30E-01	2.26E-01	6.49E-01	6.21E-01	3.35E-01	9.64E-01	9.21E-01
2044	387352.74, 3750184.85	12.4563	35.0038	33.3935	1.88E-01	5.29E-01	5.05E-01	2.21E-01	6.20E-01	5.92E-01	3.27E-01	9.20E-01	8.78E-01
2045	387352.74, 3750209.85	11.867	33.0127	31.4385	1.79E-01	4.99E-01	4.75E-01	2.10E-01	5.85E-01	5.57E-01	3.12E-01	8.68E-01	8.27E-01
2046	387352.74, 3750234.85	11.3726	31.6572	30.1279	1.72E-01	4.79E-01	4.56E-01	2.02E-01	5.61E-01	5.34E-01	2.99E-01	8.32E-01	7.92E-01
2047	387352.74, 3750259.85	10.9541	30.2847	28.7986	1.66E-01	4.58E-01	4.35E-01	1.94E-01	5.37E-01	5.10E-01	2.88E-01	7.96E-01	7.57E-01
2048	387352.74, 3750284.85	10.6298	29.0775	27.6193	1.61E-01	4.40E-01	4.18E-01	1.88E-01	5.15E-01	4.89E-01	2.79E-01	7.64E-01	7.26E-01
2049	387352.74, 3750309.85	10.2835	27.9398	26.528	1.55E-01	4.22E-01	4.01E-01	1.82E-01	4.95E-01	4.70E-01	2.70E-01	7.35E-01	6.97E-01
2050	387352.74, 3750334.85	9.96826	26.729	25.3634	1.51E-01	4.04E-01	3.84E-01	1.77E-01	4.74E-01	4.49E-01	2.62E-01	7.03E-01	6.67E-01
2051	387352.74, 3750359.85	9.52671	25.6864	24.3538	1.44E-01	3.88E-01	3.68E-01	1.69E-01	4.55E-01	4.32E-01	2.50E-01	6.75E-01	6.40E-01
2052	387352.74, 3750384.85	9.12398	24.7169	23.4261	1.38E-01	3.74E-01	3.54E-01	1.62E-01	4.38E-01	4.15E-01	2.40E-01	6.50E-01	6.16E-01
2053	387352.74, 3750409.85	8.86301	23.8377	22.5848	1.34E-01	3.60E-01	3.41E-01	1.57E-01	4.22E-01	4.00E-01	2.33E-01	6.27E-01	5.94E-01
2054	387352.74, 3750434.85	8.56943	23.0084	21.8045	1.30E-01	3.48E-01	3.30E-01	1.52E-01	4.08E-01	3.86E-01	2.25E-01	6.05E-01	5.73E-01
2055	387352.74, 3750459.85	8.39335	22.3619	21.182	1.27E-01	3.38E-01	3.20E-01	1.49E-01	3.96E-01	3.75E-01	2.21E-01	5.88E-01	5.57E-01
2056	387352.74, 3750484.85	8.17939	21.6833	20.5425	1.24E-01	3.28E-01	3.11E-01	1.45E-01	3.84E-01	3.64E-01	2.15E-01	5.70E-01	5.40E-01
2057	387352.74, 3750509.85	7.86249	20.917	19.824	1.19E-01	3.16E-01	3.00E-01	1.39E-01	3.71E-01	3.51E-01	2.07E-01	5.50E-01	5.21E-01
2058	387352.74, 3750534.85	7.61501	20.2797	19.2092	1.15E-01	3.07E-01	2.90E-01	1.35E-01	3.59E-01	3.40E-01	2.00E-01	5.33E-01	5.05E-01
2059	387352.74, 3750559.85	7.44817	19.7712	18.7357	1.13E-01	2.99E-01	2.83E-01	1.32E-01	3.50E-01	3.32E-01	1.96E-01	5.20E-01	4.93E-01
2060	387352.74, 3750584.85	7.25636	19.242	18.2379	1.10E-01	2.91E-01	2.76E-01	1.29E-01	3.41E-01	3.23E-01	1.91E-01	5.06E-01	4.79E-01
2061	387352.74, 3750609.85	7.17392	18.9333	17.9641	1.08E-01	2.86E-01	2.72E-01	1.27E-01	3.35E-01	3.18E-01	1.89E-01	4.98E-01	4.72E-01
2062	387352.74, 3750634.85	7.02939	18.4836	17.5594	1.06E-01	2.79E-01	2.66E-01	1.25E-01	3.28E-01	3.11E-01	1.85E-01	4.86E-01	4.62E-01
2063	387352.74, 3750659.85	6.87498	18.0474	17.1374	1.04E-01	2.73E-01	2.59E-01	1.22E-01	3.20E-01	3.04E-01	1.81E-01	4.74E-01	4.51E-01
2064	387352.74, 3750684.85	6.76393	17.6813	16.7862	1.02E-01	2.67E-01	2.54E-01	1.20E-01	3.13E-01	2.97E-01	1.78E-01	4.65E-01	4.41E-01
2065	387352.74, 3750709.85	6.6117	17.2331	16.3994	1.00E-01	2.61E-01	2.48E-01	1.17E-01	3.05E-01	2.91E-01	1.74E-01	4.53E-01	4.31E-01
2066	387352.74, 3750734.85	6.47305	16.8512	16.0861	9.79E-02	2.55E-01	2.43E-01	1.15E-01	2.99E-01	2.85E-01	1.70E-01	4.43E-01	4.23E-01
2067	387352.74, 3750759.85	6.33612	16.4884	15.8056	9.58E-02	2.49E-01	2.39E-01	1.12E-01	2.92E-01	2.80E-01	1.67E-01	4.33E-01	4.16E-01
2068	387352.74, 3750784.85	6.18796	16.1267	15.403	9.36E-02	2.44E-01	2.33E-01	1.10E-01	2.86E-01	2.73E-01	1.63E-01	4.24E-01	4.05E-01
2069	387352.74, 3750809.85	6.0275	15.7545	15.1866	9.11E-02	2.38E-01	2.30E-01	1.07E-01	2.79E-01	2.69E-01	1.58E-01	4.14E-01	3.99E-01
2070	387352.74, 3750834.85	5.94119	15.5022	15.1365	8.98E-02	2.34E-01	2.29E-01	1.05E-01	2.75E-01	2.68E-01	1.56E-01	4.08E-01	3.98E-01
2071	387352.74, 3750859.85	5.81201	15.2483	14.9388	8.79E-02	2.31E-01	2.26E-01	1.03E-01	2.70E-01	2.65E-01	1.53E-01	4.01E-01	3.93E-01
2072	387352.74, 3750884.85	5.6952	14.9829	14.6234	8.61E-02	2.27E-01	2.21E-01	1.01E-01	2.65E-01	2.59E-01	1.50E-01	3.94E-01	3.84E-01
2073	387352.74, 3750909.85	5.56913	14.5708	14.0308	8.42E-02	2.20E-01	2.12E-01	9.87E-02	2.58E-01	2.49E-01	1.46E-01	3.83E-01	3.69E-01
2074	387352.74, 3750934.85	5.44401	14.2684	13.5771	8.23E-02	2.16E-01	2.05E-01	9.65E-02	2.53E-01	2.41E-01	1.43E-01	3.75E-01	3.57E-01

2075	387352.74, 3750959.85	5.38156	14.0195	13.6152	8.14E-02	2.12E-01	2.06E-01	9.54E-02	2.48E-01	2.41E-01	1.41E-01	3.69E-01	3.58E-01
2076	387352.74, 3750984.85	5.28982	13.7842	13.4753	8.00E-02	2.08E-01	2.04E-01	9.37E-02	2.44E-01	2.39E-01	1.39E-01	3.62E-01	3.54E-01
2077	387352.74, 3751009.85	5.17855	13.5677	13.3454	7.83E-02	2.05E-01	2.02E-01	9.18E-02	2.40E-01	2.36E-01	1.36E-01	3.57E-01	3.51E-01
2078	387352.74, 3751034.85	5.09294	13.3718	13.1029	7.70E-02	2.02E-01	1.98E-01	9.02E-02	2.37E-01	2.32E-01	1.34E-01	3.52E-01	3.44E-01
2079	387352.74, 3751059.85	4.98698	13.0161	12.6902	7.54E-02	1.97E-01	1.92E-01	8.84E-02	2.31E-01	2.25E-01	1.31E-01	3.42E-01	3.34E-01
2080	387352.74, 3751084.85	4.91575	12.9466	12.7276	7.43E-02	1.96E-01	1.92E-01	8.71E-02	2.29E-01	2.26E-01	1.29E-01	3.40E-01	3.35E-01
2081	387352.74, 3751109.85	4.81325	12.8757	12.6831	7.28E-02	1.95E-01	1.92E-01	8.53E-02	2.28E-01	2.25E-01	1.27E-01	3.39E-01	3.33E-01
2082	387352.74, 3751134.85	4.74199	12.7362	12.6112	7.17E-02	1.93E-01	1.91E-01	8.40E-02	2.26E-01	2.23E-01	1.25E-01	3.35E-01	3.32E-01
2083	387352.74, 3751159.85	4.65206	12.5908	12.4754	7.03E-02	1.90E-01	1.89E-01	8.24E-02	2.23E-01	2.21E-01	1.22E-01	3.31E-01	3.28E-01
2084	387352.74, 3751184.85	4.57599	12.4909	12.3306	6.92E-02	1.89E-01	1.86E-01	8.11E-02	2.21E-01	2.18E-01	1.20E-01	3.28E-01	3.24E-01
2085	387352.74, 3751209.85	4.49484	12.3636	12.1677	6.80E-02	1.87E-01	1.84E-01	7.96E-02	2.19E-01	2.16E-01	1.18E-01	3.25E-01	3.20E-01
2086	387352.74, 3751234.85	4.42416	12.1751	11.9797	6.69E-02	1.84E-01	1.81E-01	7.84E-02	2.16E-01	2.12E-01	1.16E-01	3.20E-01	3.15E-01
2087	387352.74, 3751259.85	4.34873	11.965	11.7506	6.58E-02	1.81E-01	1.78E-01	7.71E-02	2.12E-01	2.08E-01	1.14E-01	3.15E-01	3.09E-01
2088	387352.74, 3751284.85	4.28213	11.7095	11.4597	6.47E-02	1.77E-01	1.73E-01	7.59E-02	2.07E-01	2.03E-01	1.13E-01	3.08E-01	3.01E-01
2089	387352.74, 3751309.85	4.20202	11.411	11.1642	6.35E-02	1.73E-01	1.69E-01	7.45E-02	2.02E-01	1.98E-01	1.10E-01	3.00E-01	2.94E-01
2090	387352.74, 3751334.85	4.13048	11.083	10.9058	6.25E-02	1.68E-01	1.65E-01	7.32E-02	1.96E-01	1.93E-01	1.09E-01	2.91E-01	2.87E-01
2091	387352.74, 3751359.85	4.05576	11.0972	10.9007	6.13E-02	1.68E-01	1.65E-01	7.19E-02	1.97E-01	1.93E-01	1.07E-01	2.92E-01	2.87E-01
2092	387352.74, 3751384.85	3.99109	11.0808	10.9319	6.03E-02	1.68E-01	1.65E-01	7.07E-02	1.96E-01	1.94E-01	1.05E-01	2.91E-01	2.87E-01
2093	387352.74, 3751409.85	3.92494	10.9678	10.8605	5.93E-02	1.66E-01	1.64E-01	6.95E-02	1.94E-01	1.92E-01	1.03E-01	2.88E-01	2.86E-01
2094	387352.74, 3751434.85	3.86036	10.834	10.747	5.84E-02	1.64E-01	1.63E-01	6.84E-02	1.92E-01	1.90E-01	1.01E-01	2.85E-01	2.83E-01
2095	387352.74, 3751459.85	3.7933	10.7409	10.6324	5.74E-02	1.62E-01	1.61E-01	6.72E-02	1.90E-01	1.88E-01	9.97E-02	2.82E-01	2.80E-01
2096	387352.74, 3751484.85	3.72321	10.6579	10.5311	5.63E-02	1.61E-01	1.59E-01	6.60E-02	1.89E-01	1.87E-01	9.79E-02	2.80E-01	2.77E-01
2097	387352.74, 3751509.85	3.65098	10.5538	10.4033	5.52E-02	1.60E-01	1.57E-01	6.47E-02	1.87E-01	1.84E-01	9.60E-02	2.77E-01	2.74E-01
2098	387352.74, 3751534.85	3.58165	10.4102	10.239	5.42E-02	1.57E-01	1.55E-01	6.35E-02	1.84E-01	1.81E-01	9.42E-02	2.74E-01	2.69E-01
2099	387352.74, 3751559.85	3.51208	10.2068	10.0219	5.31E-02	1.54E-01	1.52E-01	6.22E-02	1.81E-01	1.78E-01	9.23E-02	2.68E-01	2.63E-01
2100	387352.74, 3751584.85	3.44112	9.9324	9.72746	5.20E-02	1.50E-01	1.47E-01	6.10E-02	1.76E-01	1.72E-01	9.05E-02	2.61E-01	2.56E-01
2101	387352.74, 3751609.85	3.37662	9.6259	9.42775	5.11E-02	1.46E-01	1.43E-01	5.98E-02	1.71E-01	1.67E-01	8.88E-02	2.53E-01	2.48E-01
2102	387352.74, 3751634.85	3.30391	9.40512	9.28562	5.00E-02	1.42E-01	1.40E-01	5.85E-02	1.67E-01	1.65E-01	8.69E-02	2.47E-01	2.44E-01
2103	387352.74, 3751659.85	3.23387	9.39259	9.28345	4.89E-02	1.42E-01	1.40E-01	5.73E-02	1.66E-01	1.64E-01	8.50E-02	2.47E-01	2.44E-01
2104	387352.74, 3751684.85	3.16365	9.35322	9.25432	4.78E-02	1.41E-01	1.40E-01	5.61E-02	1.66E-01	1.64E-01	8.32E-02	2.46E-01	2.43E-01
2105	387352.74, 3751709.85	3.08532	9.26575	9.18474	4.67E-02	1.40E-01	1.39E-01	5.47E-02	1.64E-01	1.63E-01	8.11E-02	2.44E-01	2.41E-01
2106	387352.74, 3751734.85	3.0042	9.15575	9.06556	4.54E-02	1.38E-01	1.37E-01	5.32E-02	1.62E-01	1.61E-01	7.90E-02	2.41E-01	2.38E-01
2107	387352.74, 3751759.85	2.9178	9.03311	8.95169	4.41E-02	1.37E-01	1.35E-01	5.17E-02	1.60E-01	1.59E-01	7.67E-02	2.37E-01	2.35E-01
2108	387352.74, 3751784.85	2.82121	8.93428	8.85083	4.27E-02	1.35E-01	1.34E-01	5.00E-02	1.58E-01	1.57E-01	7.42E-02	2.35E-01	2.33E-01
2109	387352.74, 3751809.85	2.71626	8.83046	8.73534	4.11E-02	1.34E-01	1.32E-01	4.81E-02	1.56E-01	1.55E-01	7.14E-02	2.32E-01	2.30E-01
2110	387352.74, 3751834.85	2.6	8.7193	8.5985	3.93E-02	1.32E-01	1.30E-01	4.61E-02	1.55E-01	1.52E-01	6.84E-02	2.29E-01	2.26E-01
2111	387352.74, 3751859.85	2.47975	8.57623	8.45156	3.75E-02	1.30E-01	1.28E-01	4.39E-02	1.52E-01	1.50E-01	6.52E-02	2.25E-01	2.22E-01
2112	387377.74, 3749834.85	15.148	47.5035	45.9034	2.29E-01	7.18E-01	6.94E-01	2.68E-01	8.42E-01	8.13E-01	3.98E-01	1.25E+00	1.21E+00
2113	387377.74, 3749859.85	15.3709	46.2874	44.9088	2.32E-01	7.00E-01	6.79E-01	2.72E-01	8.20E-01	7.96E-01	4.04E-01	1.22E+00	1.18E+00
2114	387377.74, 3749884.85	14.188	42.0308	40.4268	2.15E-01	6.36E-01	6.11E-01	2.51E-01	7.45E-01	7.16E-01	3.73E-01	1.10E+00	1.06E+00
2115	387377.74, 3749909.85	13.5952	40.0916	38.5001	2.06E-01	6.06E-01	5.82E-01	2.41E-01	7.10E-01	6.82E-01	3.57E-01	1.05E+00	1.01E+00
2116	387377.74, 3749934.85	13.2201	37.9306	36.3428	2.00E-01	5.74E-01	5.50E-01	2.34E-01	6.72E-01	6.44E-01	3.48E-01	9.97E-01	9.55E-01
2117	387377.74, 3749959.85	12.1685	34.9515	33.3811	1.84E-01	5.28E-01	5.05E-01	2.16E-01	6.19E-01	5.92E-01	3.20E-01	9.19E-01	8.78E-01
2118	387377.74, 3749984.85	11.5779	33.0543	31.5258	1.75E-01	5.00E-01	4.77E-01	2.05E-01	5.86E-01	5.59E-01	3.04E-01	8.69E-01	8.29E-01
2119	387377.74, 3750009.85	11.4777	32.0027	30.467	1.74E-01	4.84E-01	4.61E-01	2.03E-01	5.67E-01	5.40E-01	3.02E-01	8.41E-01	8.01E-01
2120	387377.74, 3750034.85	11.0794	30.9798	29.4728	1.68E-01	4.68E-01	4.46E-01	1.96E-01	5.49E-01	5.22E-01	2.91E-01	8.14E-01	7.75E-01
2121	387377.74, 3750059.85	10.9179	29.8758	28.3993	1.65E-01	4.52E-01	4.29E-01	1.93E-01	5.29E-01	5.03E-01	2.87E-01	7.85E-01	7.47E-01
2122	387377.74, 3750084.85	10.4333	28.2704	26.8581	1.58E-01	4.27E-01	4.06E-01	1.85E-01	5.01E-01	4.76E-01	2.74E-01	7.43E-01	7.06E-01
2123	387377.74, 3750109.85	9.99541	27.0723	25.7019	1.51E-01	4.09E-01	3.89E-01	1.77E-01	4.80E-01	4.55E-01	2.63E-01	7.12E-01	6.76E-01
2124	387377.74, 3750134.85	9.74092	26.1404	24.8072	1.47E-01	3.95E-01	3.75E-01	1.73E-01	4.63E-01	4.40E-01	2.56E-01	6.87E-01	6.52E-01
2125	387377.74, 3750159.85	9.2989	25.1269	23.8331	1.41E-01	3.80E-01	3.60E-01	1.65E-01	4.45E-01	4.22E-01	2.44E-01	6.61E-01	6.27E-01
2126	387377.74, 3750184.85	9.08201	24.3641	23.0877	1.37E-01	3.68E-01	3.49E-01	1.61E-01	4.32E-01	4.09E-01	2.39E-01	6.41E-01	6.07E-01
2127	387377.74, 3750209.85	8.88526	23.64	22.3949	1.34E-01	3.57E-01	3.39E-01	1.57E-01	4.19E-01	3.97E-01	2.34E-01	6.21E-01	5.89E-01
2128	387377.74, 3750234.85	8.64307	22.9901	21.785	1.31E-01	3.48E-01	3.29E-01	1.53E-01	4.07E-01	3.86E-01	2.27E-01	6.04E-01	5.73E-01
2129	387377.74, 3750259.85	8.34285	22.2892	21.1279	1.26E-01	3.37E-01	3.19E-01	1.48E-01	3.95E-01	3.74E-01	2.19E-01	5.86E-01	5.55E-01
2130	387377.74, 3750284.85	8.17566	21.6977	20.5788	1.24E-01	3.28E-01	3.11E-01	1.45E-01	3.84E-01	3.65E-01	2.15E-01	5.70E-01	5.41E-01
2131	387377.74, 3750309.85	7.97253	21.0775	19.9962	1.21E-01	3.19E-01	3.02E-01	1.41E-01	3.73E-01	3.54E-01	2.10E-01	5.54E-01	5.26E-01
2132	387377.74, 3750334.85	7.77055	20.4512	19.404	1.17E-01	3.09E-01	2.93E-01	1.38E-01	3.62E-01	3.44E-01	2.04E-01	5.38E-01	5.10E-01
2133	387377.74, 3750359.85	7.55248	19.8672	18.8516	1.14E-01	3.00E-01	2.85E-01	1.34E-01	3.52E-01	3.34E-01	1.99E-01	5.22E-01	4.96E-01
2134	387377.74, 3750384.85	7.34319	19.3633	18.3774	1.11E-01	2.93E-01	2.78E-01	1.30E-01	3.43E-01	3.26E-01	1.93E-01	5.09E-01	4.83E-01
2135	387377.74, 3750409.85	7.12958	18.7812	17.8222	1.08E-01	2.84E-01	2.69E-01	1.26E-01	3.33E-01	3.16E-01	1.87E-01	4.94E-01	4.69E-01
2136	387377.74, 3750434.85	6.99411	18.3739	17.4636	1.06E-01	2.78E-01	2.64E-01	1.24E-01	3.26E-01	3.09E-01	1.84E-01	4.83E-01	4.59E-01
2137	387377.74, 3750459.85	6.84363	17.9737	17.0816	1.03E-01	2.72E-01	2.58E-01	1.21E-01	3.18E-01	3.03E-01	1.80E-01	4.73E-01	4.49E-01
2138	387377.74, 3750484.85	6.70796	17.5217	16.6652	1.01E-01	2.65E-01	2.52E-01	1.19E-01	3.10E-01	2.95E-01	1.76E-01	4.61E-01	4.38E-01
2139	387377.74, 3750509.85	6.50541	17.035	16.2381	9.84E-02	2.58E-01	2.46E-01	1.15E-01	3.02E-01	2.88E-01	1.71E-01	4.48E-01	4.27E-01
2140	387377.74, 3750534.85	6.31307	16.5924	15.9639	9.55E-02	2.51E-01	2.41E-01	1.12E-01	2.94E-01	2.83E-01	1.66E-01	4.36E-01	4.20E-01
2141	387377.74, 3750559.85	6.1967	16.2584	15.6839	9.37E-02	2.46E-01	2.37E-01	1.10E-01	2.88E-01	2.78E-01	1.63E-01	4.27E-01	4.12E-01
2142	387377.74, 3750584.85	6.0771	15.9248	15.4241	9.19E-02	2.41E-01	2.33E-01	1.08E-01	2.82E-01	2.73E-01	1.60E-01	4.19E-01	4.06E-01
2143	387377.74, 3750609.85	6.0263	15.731	14.9979	9.11E-02	2.38E-01	2.27E-01	1.07E-01	2.79E-01	2.66E-01	1.58E-01	4.14E-01	3.94E-01
2144	387377.74, 3750634.85	5.92865	15.4311	14.7237	8.96E-02	2.33E-01	2.23E-01	1.05E-01	2.73E-01	2.61E-01	1.56E-01	4.06E-01	3.87E-01
2145	387377.74, 3750659.85	5.82308	15.1329	14.4688	8.80E-02	2.29E-01	2.19E-01	1.03E-01	2.68E-01	2.56E-01	1.53E-01	3.98E-01	3.80E-01
2146	387377.74, 3750684.85	5.72649	14.8854	14.1806	8.66E-02	2.25E-01	2.14E-01	1.01E-01	2.64E-01	2.51E-01	1.51E-01	3.91E-01	3.73E-01
2147	387377.74, 3750709.85	5.6167	14.5748	14.0352	8.49E-02	2.20E-01	2.12E-01	9.95E-02	2.58E-01	2.49E-01	1.48E-01	3.83E-01	3.69E-01
2148	387377.74, 3750734.85	5.5336	14.3685	14.0605	8.37E-02	2.17E-01	2.13E-01	9.81E-02	2.55E-01	2.49E-01	1.45E-01	3.78E-01	3.70E-01
2149	387377.74, 3750759.85	5.41864	14.0401	13.5332	8.19E-02	2.12E-01	2.05E-01	9.60E-02	2.49E-01	2.40E-01	1.42E-01	3.69E-01	3.56E-01
2150	387377.74, 3750784.85	5.32763	13.7909	13.3772	8.06E-02	2.09E-01	2.02E-01	9.44E-02	2.44E-01	2.37E-01	1.40E-01	3.63E-01	3.52E-01
2151	387377.74, 3750809.85	5.23214	13.6602	13.3882	7.91E-02	2.07E-01	2.02E-01	9.27E-02	2.42E-01	2.37E-01	1.38E-01	3.59E-01	3.52E-01

2152	387377.74, 3750834.85	5.13399	13.4503	13.3212	7.76E-02	2.03E-01	2.01E-01	9.10E-02	2.38E-01	2.36E-01	1.35E-01	3.54E-01	3.50E-01
2153	387377.74, 3750859.85	5.02897	13.3209	13.1631	7.60E-02	2.01E-01	1.99E-01	8.91E-02	2.36E-01	2.33E-01	1.32E-01	3.50E-01	3.46E-01
2154	387377.74, 3750884.85	4.94128	13.1815	12.9486	7.47E-02	1.99E-01	1.96E-01	8.76E-02	2.34E-01	2.29E-01	1.30E-01	3.47E-01	3.40E-01
2155	387377.74, 3750909.85	4.83421	12.7613	12.4583	7.31E-02	1.93E-01	1.88E-01	8.57E-02	2.26E-01	2.21E-01	1.27E-01	3.35E-01	3.28E-01
2156	387377.74, 3750934.85	4.75279	12.4253	12.086	7.19E-02	1.88E-01	1.83E-01	8.42E-02	2.20E-01	2.14E-01	1.25E-01	3.27E-01	3.18E-01
2157	387377.74, 3750959.85	4.67554	12.2461	11.9451	7.07E-02	1.85E-01	1.81E-01	8.28E-02	2.17E-01	2.12E-01	1.23E-01	3.22E-01	3.14E-01
2158	387377.74, 3750984.85	4.61885	12.0875	11.9124	6.98E-02	1.83E-01	1.80E-01	8.18E-02	2.14E-01	2.11E-01	1.21E-01	3.18E-01	3.13E-01
2159	387377.74, 3751009.85	4.55366	12.0294	11.9042	6.89E-02	1.82E-01	1.80E-01	8.07E-02	2.13E-01	2.11E-01	1.20E-01	3.16E-01	3.13E-01
2160	387377.74, 3751034.85	4.45913	11.9383	11.7546	6.74E-02	1.81E-01	1.78E-01	7.90E-02	2.12E-01	2.08E-01	1.17E-01	3.14E-01	3.09E-01
2161	387377.74, 3751059.85	4.39862	11.6297	11.4646	6.65E-02	1.76E-01	1.73E-01	7.79E-02	2.06E-01	2.03E-01	1.16E-01	3.06E-01	3.01E-01
2162	387377.74, 3751084.85	4.33973	11.6456	11.4646	6.56E-02	1.76E-01	1.73E-01	7.69E-02	2.06E-01	2.03E-01	1.14E-01	3.06E-01	3.01E-01
2163	387377.74, 3751109.85	4.25895	11.6403	11.4576	6.44E-02	1.76E-01	1.73E-01	7.55E-02	2.06E-01	2.03E-01	1.12E-01	3.06E-01	3.01E-01
2164	387377.74, 3751134.85	4.1981	11.553	11.4262	6.35E-02	1.75E-01	1.73E-01	7.44E-02	2.05E-01	2.02E-01	1.10E-01	3.04E-01	3.00E-01
2165	387377.74, 3751159.85	4.13234	11.4163	11.3275	6.25E-02	1.73E-01	1.71E-01	7.32E-02	2.02E-01	2.01E-01	1.09E-01	3.00E-01	2.98E-01
2166	387377.74, 3751184.85	4.078	11.3146	11.2021	6.17E-02	1.71E-01	1.69E-01	7.23E-02	2.00E-01	1.98E-01	1.07E-01	2.97E-01	2.95E-01
2167	387377.74, 3751209.85	4.00838	11.2465	11.0977	6.06E-02	1.70E-01	1.68E-01	7.10E-02	1.99E-01	1.97E-01	1.05E-01	2.96E-01	2.92E-01
2168	387377.74, 3751234.85	3.94733	11.1347	10.9634	5.97E-02	1.68E-01	1.66E-01	6.99E-02	1.97E-01	1.94E-01	1.04E-01	2.93E-01	2.88E-01
2169	387377.74, 3751259.85	3.88832	10.9765	10.7849	5.88E-02	1.66E-01	1.63E-01	6.89E-02	1.94E-01	1.91E-01	1.02E-01	2.89E-01	2.84E-01
2170	387377.74, 3751284.85	3.83067	10.7692	10.5677	5.79E-02	1.63E-01	1.60E-01	6.79E-02	1.91E-01	1.87E-01	1.01E-01	2.83E-01	2.78E-01
2171	387377.74, 3751309.85	3.77076	10.5214	10.3199	5.70E-02	1.59E-01	1.56E-01	6.68E-02	1.86E-01	1.83E-01	9.91E-02	2.77E-01	2.71E-01
2172	387377.74, 3751334.85	3.71041	10.2463	10.0606	5.61E-02	1.55E-01	1.52E-01	6.57E-02	1.82E-01	1.78E-01	9.75E-02	2.69E-01	2.64E-01
2173	387377.74, 3751359.85	3.65241	10.1496	10.007	5.52E-02	1.53E-01	1.51E-01	6.47E-02	1.80E-01	1.77E-01	9.60E-02	2.67E-01	2.63E-01
2174	387377.74, 3751384.85	3.59608	10.1455	10.0381	5.44E-02	1.53E-01	1.52E-01	6.37E-02	1.80E-01	1.78E-01	9.45E-02	2.67E-01	2.64E-01
2175	387377.74, 3751409.85	3.54069	10.0745	9.98487	5.35E-02	1.52E-01	1.51E-01	6.27E-02	1.79E-01	1.77E-01	9.31E-02	2.65E-01	2.63E-01
2176	387377.74, 3751434.85	3.484	9.9823	9.88933	5.27E-02	1.51E-01	1.50E-01	6.17E-02	1.77E-01	1.75E-01	9.16E-02	2.62E-01	2.60E-01
2177	387377.74, 3751459.85	3.42349	9.87603	9.78462	5.18E-02	1.49E-01	1.48E-01	6.07E-02	1.75E-01	1.73E-01	9.00E-02	2.60E-01	2.57E-01
2178	387377.74, 3751484.85	3.36347	9.8076	9.70347	5.09E-02	1.48E-01	1.47E-01	5.96E-02	1.74E-01	1.72E-01	8.84E-02	2.58E-01	2.55E-01
2179	387377.74, 3751509.85	3.30225	9.72895	9.60479	4.99E-02	1.47E-01	1.45E-01	5.85E-02	1.72E-01	1.70E-01	8.68E-02	2.56E-01	2.53E-01
2180	387377.74, 3751534.85	3.24226	9.62562	9.48182	4.90E-02	1.46E-01	1.43E-01	5.75E-02	1.71E-01	1.68E-01	8.52E-02	2.53E-01	2.49E-01
2181	387377.74, 3751559.85	3.18183	9.47207	9.29474	4.81E-02	1.43E-01	1.41E-01	5.64E-02	1.68E-01	1.65E-01	8.37E-02	2.49E-01	2.44E-01
2182	387377.74, 3751584.85	3.11975	9.26869	9.08248	4.72E-02	1.40E-01	1.37E-01	5.53E-02	1.64E-01	1.61E-01	8.20E-02	2.44E-01	2.39E-01
2183	387377.74, 3751609.85	3.05998	9.02028	8.82933	4.63E-02	1.36E-01	1.34E-01	5.42E-02	1.60E-01	1.56E-01	8.04E-02	2.37E-01	2.32E-01
2184	387377.74, 3751634.85	3.00041	8.78106	8.64607	4.54E-02	1.33E-01	1.31E-01	5.32E-02	1.56E-01	1.53E-01	7.89E-02	2.31E-01	2.27E-01
2185	387377.74, 3751659.85	2.93651	8.71689	8.62719	4.44E-02	1.32E-01	1.30E-01	5.20E-02	1.54E-01	1.53E-01	7.72E-02	2.29E-01	2.27E-01
2186	387377.74, 3751684.85	2.87242	8.69681	8.60886	4.34E-02	1.32E-01	1.30E-01	5.09E-02	1.54E-01	1.53E-01	7.55E-02	2.29E-01	2.26E-01
2187	387377.74, 3751709.85	2.80418	8.63336	8.55585	4.24E-02	1.31E-01	1.29E-01	4.97E-02	1.53E-01	1.52E-01	7.37E-02	2.27E-01	2.25E-01
2188	387377.74, 3751734.85	2.73152	8.5392	8.4667	4.13E-02	1.29E-01	1.28E-01	4.84E-02	1.51E-01	1.50E-01	7.18E-02	2.24E-01	2.23E-01
2189	387377.74, 3751759.85	2.65343	8.43633	8.35386	4.01E-02	1.28E-01	1.26E-01	4.70E-02	1.49E-01	1.48E-01	6.98E-02	2.22E-01	2.20E-01
2190	387377.74, 3751784.85	2.56836	8.34321	8.26718	3.88E-02	1.26E-01	1.25E-01	4.55E-02	1.48E-01	1.46E-01	6.75E-02	2.19E-01	2.17E-01
2191	387402.74, 3749609.85	18.8716	56.3405	54.9918	2.85E-01	8.52E-01	8.32E-01	3.34E-01	9.98E-01	9.74E-01	4.96E-01	1.48E+00	1.45E+00
2192	387402.74, 3749634.85	16.8383	49.996	48.4343	2.55E-01	7.56E-01	7.32E-01	2.98E-01	8.86E-01	8.58E-01	4.43E-01	1.31E+00	1.27E+00
2193	387402.74, 3749659.85	16.5832	48.1912	46.7262	2.51E-01	7.29E-01	7.07E-01	2.94E-01	8.54E-01	8.28E-01	4.36E-01	1.27E+00	1.23E+00
2194	387402.74, 3749684.85	15.0589	42.8174	41.1664	2.28E-01	6.47E-01	6.22E-01	2.67E-01	7.59E-01	7.29E-01	3.96E-01	1.13E+00	1.08E+00
2195	387402.74, 3749709.85	13.745	39.3846	37.7326	2.08E-01	5.96E-01	5.71E-01	2.44E-01	6.98E-01	6.69E-01	3.61E-01	1.04E+00	9.92E-01
2196	387402.74, 3749734.85	13.2048	37.257	35.6671	2.00E-01	5.63E-01	5.39E-01	2.34E-01	6.60E-01	6.32E-01	3.47E-01	9.79E-01	9.38E-01
2197	387402.74, 3749759.85	12.3255	34.7346	33.1373	1.86E-01	5.25E-01	5.01E-01	2.18E-01	6.15E-01	5.87E-01	3.24E-01	9.13E-01	8.71E-01
2198	387402.74, 3749784.85	11.8345	33.1137	31.5494	1.79E-01	5.01E-01	4.77E-01	2.10E-01	5.87E-01	5.59E-01	3.11E-01	8.71E-01	8.29E-01
2199	387402.74, 3749809.85	11.4261	31.4084	29.902	1.73E-01	4.75E-01	4.52E-01	2.02E-01	5.57E-01	5.30E-01	3.00E-01	8.26E-01	7.86E-01
2200	387402.74, 3749834.85	10.7522	29.8021	28.3549	1.63E-01	4.51E-01	4.29E-01	1.91E-01	5.28E-01	5.02E-01	2.83E-01	7.83E-01	7.45E-01
2201	387402.74, 3749859.85	10.4202	28.6386	27.2196	1.58E-01	4.33E-01	4.12E-01	1.85E-01	5.07E-01	4.82E-01	2.74E-01	7.53E-01	7.16E-01
2202	387402.74, 3749884.85	10.1964	27.6253	26.2415	1.54E-01	4.18E-01	3.97E-01	1.81E-01	4.90E-01	4.65E-01	2.68E-01	7.26E-01	6.90E-01
2203	387402.74, 3749909.85	9.67904	26.464	25.123	1.46E-01	4.00E-01	3.80E-01	1.72E-01	4.69E-01	4.45E-01	2.54E-01	6.96E-01	6.60E-01
2204	387402.74, 3749934.85	9.38685	25.3878	24.0952	1.42E-01	3.84E-01	3.64E-01	1.66E-01	4.50E-01	4.27E-01	2.47E-01	6.67E-01	6.33E-01
2205	387402.74, 3749959.85	8.93471	24.2695	23.0277	1.35E-01	3.67E-01	3.48E-01	1.58E-01	4.30E-01	4.08E-01	2.35E-01	6.38E-01	6.05E-01
2206	387402.74, 3749984.85	8.7917	23.6648	22.4661	1.33E-01	3.58E-01	3.40E-01	1.56E-01	4.19E-01	3.98E-01	2.31E-01	6.22E-01	5.91E-01
2207	387402.74, 3750009.85	8.73291	23.206	21.9827	1.32E-01	3.51E-01	3.32E-01	1.55E-01	4.11E-01	3.90E-01	2.30E-01	6.10E-01	5.78E-01
2208	387402.74, 3750034.85	8.46225	22.5755	21.3887	1.28E-01	3.41E-01	3.23E-01	1.50E-01	4.00E-01	3.79E-01	2.22E-01	5.94E-01	5.62E-01
2209	387402.74, 3750059.85	8.35517	22.0911	20.9515	1.26E-01	3.34E-01	3.17E-01	1.48E-01	3.91E-01	3.71E-01	2.20E-01	5.81E-01	5.51E-01
2210	387402.74, 3750084.85	8.12392	21.3657	20.2633	1.23E-01	3.23E-01	3.06E-01	1.44E-01	3.79E-01	3.59E-01	2.14E-01	5.62E-01	5.33E-01
2211	387402.74, 3750109.85	7.93407	20.7717	19.7194	1.20E-01	3.14E-01	2.98E-01	1.41E-01	3.68E-01	3.49E-01	2.09E-01	5.46E-01	5.18E-01
2212	387402.74, 3750134.85	7.71106	20.2803	19.25	1.17E-01	3.07E-01	2.91E-01	1.37E-01	3.59E-01	3.41E-01	2.03E-01	5.33E-01	5.06E-01
2213	387402.74, 3750159.85	7.54434	19.743	18.7401	1.14E-01	2.99E-01	2.83E-01	1.34E-01	3.50E-01	3.32E-01	1.98E-01	5.19E-01	4.93E-01
2214	387402.74, 3750184.85	7.34484	19.2401	18.2633	1.11E-01	2.91E-01	2.76E-01	1.30E-01	3.41E-01	3.24E-01	1.93E-01	5.06E-01	4.80E-01
2215	387402.74, 3750209.85	7.15745	18.7627	17.8103	1.08E-01	2.84E-01	2.69E-01	1.27E-01	3.32E-01	3.16E-01	1.88E-01	4.93E-01	4.68E-01
2216	387402.74, 3750234.85	6.99977	18.2934	17.3646	1.06E-01	2.77E-01	2.63E-01	1.24E-01	3.24E-01	3.08E-01	1.84E-01	4.81E-01	4.57E-01
2217	387402.74, 3750259.85	6.82399	17.9005	17.0012	1.03E-01	2.71E-01	2.57E-01	1.21E-01	3.17E-01	3.01E-01	1.79E-01	4.71E-01	4.47E-01
2218	387402.74, 3750284.85	6.67114	17.5121	16.6253	1.01E-01	2.65E-01	2.51E-01	1.18E-01	3.10E-01	2.95E-01	1.75E-01	4.60E-01	4.37E-01
2219	387402.74, 3750309.85	6.54665	17.1112	16.2445	9.90E-02	2.59E-01	2.46E-01	1.16E-01	3.03E-01	2.88E-01	1.72E-01	4.50E-01	4.27E-01
2220	387402.74, 3750334.85	6.40091	16.714	15.8669	9.68E-02	2.53E-01	2.40E-01	1.13E-01	2.96E-01	2.81E-01	1.68E-01	4.39E-01	4.17E-01
2221	387402.74, 3750359.85	6.28585	16.3604	15.5316	9.50E-02	2.47E-01	2.35E-01	1.11E-01	2.90E-01	2.75E-01	1.65E-01	4.30E-01	4.08E-01
2222	387402.74, 3750384.85	6.14096	16.0118	15.2078	9.29E-02	2.42E-01	2.30E-01	1.09E-01	2.84E-01	2.69E-01	1.61E-01	4.21E-01	4.00E-01
2223	387402.74, 3750409.85	5.97208	15.6419	14.8614	9.03E-02	2.37E-01	2.25E-01	1.06E-01	2.77E-01	2.63E-01	1.57E-01	4.11E-01	3.91E-01
2224	387402.74, 3750434.85	5.86675	15.3034	14.6118	8.87E-02	2.31E-01	2.21E-01	1.04E-01	2.71E-01	2.59E-01	1.54E-01	4.02E-01	3.84E-01
2225	387402.74, 3750459.85	5.79678	15.0866	14.3555	8.77E-02	2.28E-01	2.17E-01	1.03E-01	2.67E-01	2.54E-01	1.52E-01	3.97E-01	3.77E-01
2226	387402.74, 3750484.85	5.6924	14.7987	14.1616	8.61E-02	2.24E-01	2.14E-01	1.01E-01	2.62E-01	2.51E-01	1.50E-01	3.89E-01	3.72E-01
2227	387402.74, 3750509.85	5.56957	14.5031	14.1602	8.42E-02	2.19E-01	2.14E-01	9.87E-02	2.57E-01	2.51E-01	1.46E-01	3.81E-01	3.72E-01
2228	387402.74, 3750534.85	5.41823	14.2553	13.989	8.19E-02	2.16E-01	2.12E-01	9.60E-02	2.53E-01	2.48E-01	1.42E-01	3.75E-01	3.68E-01

2229	387402.74, 3750559.85	5.32257	14.038	13.7924	8.05E-02	2.12E-01	2.09E-01	9.43E-02	2.49E-01	2.44E-01	1.40E-01	3.69E-01	3.63E-01
2230	387402.74, 3750584.85	5.22553	13.8346	13.5807	7.90E-02	2.09E-01	2.05E-01	9.26E-02	2.45E-01	2.41E-01	1.37E-01	3.64E-01	3.57E-01
2231	387402.74, 3750609.85	5.20172	13.5869	13.1969	7.87E-02	2.05E-01	2.00E-01	9.22E-02	2.41E-01	2.34E-01	1.37E-01	3.57E-01	3.47E-01
2232	387402.74, 3750634.85	5.11997	13.3035	12.8049	7.74E-02	2.01E-01	1.94E-01	9.07E-02	2.36E-01	2.27E-01	1.35E-01	3.50E-01	3.37E-01
2233	387402.74, 3750659.85	5.04185	13.0828	12.6236	7.62E-02	1.98E-01	1.91E-01	8.93E-02	2.32E-01	2.24E-01	1.33E-01	3.44E-01	3.32E-01
2234	387402.74, 3750684.85	4.961	12.8907	12.3147	7.50E-02	1.95E-01	1.86E-01	8.79E-02	2.28E-01	2.18E-01	1.30E-01	3.39E-01	3.24E-01
2235	387402.74, 3750709.85	4.88174	12.6649	12.2534	7.38E-02	1.91E-01	1.85E-01	8.65E-02	2.24E-01	2.17E-01	1.28E-01	3.33E-01	3.22E-01
2236	387402.74, 3750734.85	4.80299	12.4529	12.0436	7.26E-02	1.88E-01	1.82E-01	8.51E-02	2.21E-01	2.13E-01	1.26E-01	3.27E-01	3.17E-01
2237	387402.74, 3750759.85	4.74308	12.3535	12.0862	7.17E-02	1.87E-01	1.83E-01	8.40E-02	2.19E-01	2.14E-01	1.25E-01	3.25E-01	3.18E-01
2238	387402.74, 3750784.85	4.66327	12.1793	11.9707	7.05E-02	1.84E-01	1.81E-01	8.26E-02	2.16E-01	2.12E-01	1.23E-01	3.20E-01	3.15E-01
2239	387402.74, 3750809.85	4.59126	12.1299	11.99	6.94E-02	1.83E-01	1.81E-01	8.14E-02	2.15E-01	2.12E-01	1.21E-01	3.19E-01	3.15E-01
2240	387402.74, 3750834.85	4.51709	12.0588	11.9414	6.83E-02	1.82E-01	1.81E-01	8.00E-02	2.14E-01	2.12E-01	1.19E-01	3.17E-01	3.14E-01
2241	387402.74, 3750859.85	4.43809	11.9508	11.8158	6.71E-02	1.81E-01	1.79E-01	7.86E-02	2.12E-01	2.09E-01	1.17E-01	3.14E-01	3.11E-01
2242	387402.74, 3750884.85	4.36987	11.8725	11.6655	6.61E-02	1.80E-01	1.76E-01	7.74E-02	2.10E-01	2.07E-01	1.15E-01	3.12E-01	3.07E-01
2243	387402.74, 3750909.85	4.28223	11.5745	11.3209	6.47E-02	1.75E-01	1.71E-01	7.59E-02	2.05E-01	2.01E-01	1.13E-01	3.04E-01	2.98E-01
2244	387402.74, 3750934.85	4.21209	11.1317	10.8994	6.37E-02	1.68E-01	1.65E-01	7.46E-02	1.97E-01	1.93E-01	1.11E-01	2.93E-01	2.87E-01
2245	387402.74, 3750959.85	4.14806	10.9116	10.7115	6.27E-02	1.65E-01	1.62E-01	7.35E-02	1.93E-01	1.90E-01	1.09E-01	2.87E-01	2.82E-01
2246	387402.74, 3750984.85	4.11006	10.8369	10.7335	6.21E-02	1.64E-01	1.62E-01	7.28E-02	1.92E-01	1.90E-01	1.08E-01	2.85E-01	2.82E-01
2247	387402.74, 3751009.85	4.03994	10.9264	10.8081	6.11E-02	1.65E-01	1.63E-01	7.16E-02	1.94E-01	1.92E-01	1.06E-01	2.87E-01	2.84E-01
2248	387402.74, 3751034.85	3.98582	10.8424	10.6825	6.03E-02	1.64E-01	1.62E-01	7.06E-02	1.92E-01	1.89E-01	1.05E-01	2.85E-01	2.81E-01
2249	387402.74, 3751059.85	3.9342	10.6125	10.4634	5.95E-02	1.60E-01	1.58E-01	6.97E-02	1.88E-01	1.85E-01	1.03E-01	2.79E-01	2.75E-01
2250	387402.74, 3751084.85	3.88873	10.6158	10.4788	5.88E-02	1.61E-01	1.58E-01	6.89E-02	1.88E-01	1.86E-01	1.02E-01	2.79E-01	2.75E-01
2251	387402.74, 3751109.85	3.8187	10.6382	10.482	5.77E-02	1.61E-01	1.58E-01	6.77E-02	1.89E-01	1.86E-01	1.00E-01	2.80E-01	2.76E-01
2252	387402.74, 3751134.85	3.77176	10.5789	10.4703	5.70E-02	1.60E-01	1.58E-01	6.68E-02	1.87E-01	1.86E-01	9.92E-02	2.78E-01	2.75E-01
2253	387402.74, 3751159.85	3.719	10.4805	10.3845	5.62E-02	1.58E-01	1.57E-01	6.59E-02	1.86E-01	1.84E-01	9.78E-02	2.76E-01	2.73E-01
2254	387402.74, 3751184.85	3.66834	10.3743	10.2843	5.55E-02	1.57E-01	1.56E-01	6.50E-02	1.84E-01	1.82E-01	9.64E-02	2.73E-01	2.70E-01
2255	387402.74, 3751209.85	3.61671	10.3181	10.2067	5.47E-02	1.56E-01	1.54E-01	6.41E-02	1.83E-01	1.81E-01	9.51E-02	2.71E-01	2.68E-01
2256	387402.74, 3751234.85	3.56434	10.252	10.1115	5.39E-02	1.55E-01	1.53E-01	6.32E-02	1.82E-01	1.79E-01	9.37E-02	2.70E-01	2.66E-01
2257	387402.74, 3751259.85	3.51729	10.1373	9.98003	5.32E-02	1.53E-01	1.51E-01	6.23E-02	1.80E-01	1.77E-01	9.25E-02	2.67E-01	2.62E-01
2258	387402.74, 3751284.85	3.46921	10.0085	9.8208	5.25E-02	1.51E-01	1.48E-01	6.15E-02	1.77E-01	1.74E-01	9.12E-02	2.63E-01	2.58E-01
2259	387402.74, 3751309.85	3.41031	9.79174	9.60028	5.16E-02	1.48E-01	1.45E-01	6.04E-02	1.74E-01	1.70E-01	8.97E-02	2.57E-01	2.52E-01
2260	387402.74, 3751334.85	3.35947	9.56209	9.37696	5.08E-02	1.45E-01	1.42E-01	5.95E-02	1.69E-01	1.66E-01	8.83E-02	2.51E-01	2.47E-01
2261	387402.74, 3751359.85	3.31155	9.38863	9.27151	5.01E-02	1.42E-01	1.40E-01	5.87E-02	1.66E-01	1.64E-01	8.71E-02	2.47E-01	2.44E-01
2262	387402.74, 3751384.85	3.25986	9.3825	9.28194	4.93E-02	1.42E-01	1.40E-01	5.78E-02	1.66E-01	1.64E-01	8.57E-02	2.47E-01	2.44E-01
2263	387402.74, 3751409.85	3.21389	9.33302	9.25037	4.86E-02	1.41E-01	1.40E-01	5.69E-02	1.65E-01	1.64E-01	8.45E-02	2.45E-01	2.43E-01
2264	387402.74, 3751434.85	3.16181	9.25045	9.16361	4.78E-02	1.40E-01	1.39E-01	5.60E-02	1.64E-01	1.62E-01	8.31E-02	2.43E-01	2.41E-01
2265	387402.74, 3751459.85	3.10922	9.1702	9.08275	4.70E-02	1.39E-01	1.37E-01	5.51E-02	1.62E-01	1.61E-01	8.17E-02	2.41E-01	2.39E-01
2266	387402.74, 3751484.85	3.05627	9.10905	9.01636	4.62E-02	1.38E-01	1.36E-01	5.42E-02	1.61E-01	1.60E-01	8.03E-02	2.39E-01	2.37E-01
2267	387402.74, 3751509.85	3.00306	9.12877	9.00022	4.54E-02	1.38E-01	1.36E-01	5.32E-02	1.62E-01	1.59E-01	7.90E-02	2.40E-01	2.37E-01
2268	387402.74, 3751534.85	2.95325	8.97118	8.85294	4.47E-02	1.36E-01	1.34E-01	5.23E-02	1.59E-01	1.57E-01	7.76E-02	2.36E-01	2.33E-01
2269	387402.74, 3751559.85	2.90113	8.85795	8.70887	4.39E-02	1.34E-01	1.32E-01	5.14E-02	1.57E-01	1.54E-01	7.63E-02	2.33E-01	2.29E-01
2270	387402.74, 3751584.85	2.84883	8.77677	8.61077	4.31E-02	1.33E-01	1.30E-01	5.05E-02	1.56E-01	1.53E-01	7.49E-02	2.31E-01	2.26E-01
2271	387402.74, 3751609.85	2.79005	8.50868	8.32183	4.22E-02	1.29E-01	1.26E-01	4.94E-02	1.51E-01	1.47E-01	7.34E-02	2.24E-01	2.19E-01
2272	387427.74, 3749409.85	20.592	59.2757	58.1181	3.11E-01	8.96E-01	8.79E-01	3.65E-01	1.05E+00	1.03E+00	5.41E-01	1.56E+00	1.53E+00
2273	387427.74, 3749434.85	18.4338	51.8881	50.2275	2.79E-01	7.85E-01	7.59E-01	3.27E-01	9.19E-01	8.90E-01	4.85E-01	1.36E+00	1.32E+00
2274	387427.74, 3749459.85	17.2023	48.404	46.7208	2.60E-01	7.32E-01	7.06E-01	3.05E-01	8.58E-01	8.28E-01	4.52E-01	1.27E+00	1.23E+00
2275	387427.74, 3749484.85	15.9492	44.0059	42.2452	2.41E-01	6.65E-01	6.39E-01	2.83E-01	7.80E-01	7.49E-01	4.19E-01	1.16E+00	1.11E+00
2276	387427.74, 3749509.85	14.6736	40.3649	38.6001	2.22E-01	6.10E-01	5.84E-01	2.60E-01	7.15E-01	6.84E-01	3.86E-01	1.06E+00	1.01E+00
2277	387427.74, 3749534.85	13.884	38.1196	36.3849	2.10E-01	5.76E-01	5.50E-01	2.46E-01	6.75E-01	6.45E-01	3.65E-01	1.00E+00	9.57E-01
2278	387427.74, 3749559.85	13.2002	35.6104	33.9454	2.00E-01	5.38E-01	5.13E-01	2.34E-01	6.31E-01	6.01E-01	3.47E-01	9.36E-01	8.92E-01
2279	387427.74, 3749584.85	12.4881	33.8913	32.255	1.89E-01	5.12E-01	4.88E-01	2.21E-01	6.01E-01	5.72E-01	3.28E-01	8.91E-01	8.48E-01
2280	387427.74, 3749609.85	11.9712	32.1578	30.5716	1.81E-01	4.86E-01	4.62E-01	2.12E-01	5.70E-01	5.42E-01	3.15E-01	8.45E-01	8.04E-01
2281	387427.74, 3749634.85	11.3473	30.2738	28.7625	1.72E-01	4.58E-01	4.35E-01	2.01E-01	5.36E-01	5.10E-01	2.98E-01	7.96E-01	7.56E-01
2282	387427.74, 3749659.85	10.9166	29.0669	27.595	1.65E-01	4.40E-01	4.17E-01	1.93E-01	5.15E-01	4.89E-01	2.87E-01	7.64E-01	7.25E-01
2283	387427.74, 3749684.85	10.3852	27.5492	26.147	1.57E-01	4.17E-01	3.95E-01	1.84E-01	4.88E-01	4.63E-01	2.73E-01	7.24E-01	6.87E-01
2284	387427.74, 3749709.85	9.91372	26.3067	24.9559	1.50E-01	3.98E-01	3.77E-01	1.76E-01	4.66E-01	4.42E-01	2.61E-01	6.92E-01	6.56E-01
2285	387427.74, 3749734.85	9.53587	25.2993	23.9857	1.44E-01	3.83E-01	3.63E-01	1.69E-01	4.48E-01	4.25E-01	2.51E-01	6.65E-01	6.31E-01
2286	387427.74, 3749759.85	9.17048	24.3288	23.0567	1.39E-01	3.68E-01	3.49E-01	1.62E-01	4.31E-01	4.09E-01	2.41E-01	6.40E-01	6.06E-01
2287	387427.74, 3749784.85	8.87081	23.5028	22.2673	1.34E-01	3.55E-01	3.37E-01	1.57E-01	4.16E-01	3.95E-01	2.33E-01	6.18E-01	5.85E-01
2288	387427.74, 3749809.85	8.61836	22.828	21.6245	1.30E-01	3.45E-01	3.27E-01	1.53E-01	4.05E-01	3.83E-01	2.27E-01	6.00E-01	5.69E-01
2289	387427.74, 3749834.85	8.30992	21.9846	20.8236	1.26E-01	3.32E-01	3.15E-01	1.47E-01	3.90E-01	3.69E-01	2.18E-01	5.78E-01	5.47E-01
2290	387427.74, 3749859.85	8.11288	21.4223	20.3367	1.23E-01	3.24E-01	3.08E-01	1.44E-01	3.80E-01	3.60E-01	2.13E-01	5.63E-01	5.35E-01
2291	387427.74, 3749884.85	7.9674	20.9137	19.8325	1.20E-01	3.16E-01	3.00E-01	1.41E-01	3.71E-01	3.51E-01	2.09E-01	5.50E-01	5.21E-01
2292	387427.74, 3749909.85	7.72447	20.3127	19.2937	1.17E-01	3.07E-01	2.92E-01	1.37E-01	3.60E-01	3.42E-01	2.03E-01	5.34E-01	5.07E-01
2293	387427.74, 3749934.85	7.44876	19.6328	18.6413	1.13E-01	2.97E-01	2.82E-01	1.32E-01	3.48E-01	3.30E-01	1.96E-01	5.16E-01	4.90E-01
2294	387427.74, 3749959.85	7.38249	19.3072	18.3641	1.12E-01	2.92E-01	2.78E-01	1.31E-01	3.42E-01	3.25E-01	1.94E-01	5.08E-01	4.83E-01
2295	387427.74, 3749984.85	7.25137	18.8639	18.1756	1.10E-01	2.85E-01	2.75E-01	1.28E-01	3.34E-01	3.22E-01	1.91E-01	4.96E-01	4.78E-01
2296	387427.74, 3750009.85	7.06913	18.4173	17.7927	1.07E-01	2.78E-01	2.69E-01	1.25E-01	3.26E-01	3.15E-01	1.86E-01	4.84E-01	4.68E-01
2297	387427.74, 3750034.85	6.87474	17.9596	17.1979	1.04E-01	2.72E-01	2.60E-01	1.22E-01	3.18E-01	3.05E-01	1.81E-01	4.72E-01	4.52E-01
2298	387427.74, 3750059.85	6.75299	17.6701	16.7847	1.02E-01	2.67E-01	2.54E-01	1.20E-01	3.13E-01	2.97E-01	1.78E-01	4.65E-01	4.41E-01
2299	387427.74, 3750084.85	6.59289	17.213	16.3465	9.97E-02	2.60E-01	2.47E-01	1.17E-01	3.05E-01	2.90E-01	1.73E-01	4.53E-01	4.30E-01
2300	387427.74, 3750109.85	6.50882	16.8909	16.1428	9.84E-02	2.55E-01	2.44E-01	1.15E-01	2.99E-01	2.86E-01	1.71E-01	4.44E-01	4.24E-01
2301	387427.74, 3750134.85	6.38763	16.5116	16.1185	9.66E-02	2.50E-01	2.44E-01	1.13E-01	2.93E-01	2.86E-01	1.68E-01	4.34E-01	4.24E-01
2302	387427.74, 3750159.85	6.2598	16.2322	15.8342	9.47E-02	2.45E-01	2.39E-01	1.11E-01	2.88E-01	2.81E-01	1.65E-01	4.27E-01	4.16E-01
2303	387427.74, 3750184.85	6.1252	15.9478	15.5035	9.26E-02	2.41E-01	2.34E-01	1.09E-01	2.83E-01	2.75E-01	1.61E-01	4.19E-01	4.08E-01
2304	387427.74, 3750209.85	5.97752	15.5493	15.0126	9.04E-02	2.35E-01	2.27E-01	1.06E-01	2.76E-01	2.66E-01	1.57E-01	4.09E-01	3.95E-01
2305	387427.74, 3750234.85	5.84922	15.2408	14.6589	8.84E-02	2.30E-01	2.22E-01	1.04E-01	2.70E-01	2.60E-01	1.54E-01	4.01E-01	3.85E-01

2306	387427.74, 3750259.85	5.74227	14.9781	14.3612	8.68E-02	2.26E-01	2.17E-01	1.02E-01	2.65E-01	2.54E-01	1.51E-01	3.94E-01	3.78E-01
2307	387427.74, 3750284.85	5.62916	14.7073	14.0048	8.51E-02	2.22E-01	2.12E-01	9.97E-02	2.61E-01	2.48E-01	1.48E-01	3.87E-01	3.68E-01
2308	387427.74, 3750309.85	5.5395	14.4516	13.7408	8.38E-02	2.19E-01	2.08E-01	9.82E-02	2.56E-01	2.43E-01	1.46E-01	3.80E-01	3.61E-01
2309	387427.74, 3750334.85	5.44706	14.1879	13.4878	8.24E-02	2.15E-01	2.04E-01	9.65E-02	2.51E-01	2.39E-01	1.43E-01	3.73E-01	3.55E-01
2310	387427.74, 3750359.85	5.3654	13.939	13.2559	8.11E-02	2.11E-01	2.00E-01	9.51E-02	2.47E-01	2.35E-01	1.41E-01	3.66E-01	3.48E-01
2311	387427.74, 3750384.85	5.26431	13.6879	13.0238	7.96E-02	2.07E-01	1.97E-01	9.33E-02	2.43E-01	2.31E-01	1.38E-01	3.60E-01	3.42E-01
2312	387427.74, 3750409.85	5.17395	13.4577	12.84	7.82E-02	2.03E-01	1.94E-01	9.17E-02	2.38E-01	2.28E-01	1.36E-01	3.54E-01	3.38E-01
2313	387427.74, 3750434.85	5.09269	13.2357	12.6753	7.70E-02	2.00E-01	1.92E-01	9.02E-02	2.35E-01	2.25E-01	1.34E-01	3.48E-01	3.33E-01
2314	387427.74, 3750459.85	5.02342	13.0314	12.5385	7.60E-02	1.97E-01	1.90E-01	8.90E-02	2.31E-01	2.22E-01	1.32E-01	3.43E-01	3.30E-01
2315	387427.74, 3750484.85	4.9484	12.8547	12.4753	7.48E-02	1.94E-01	1.89E-01	8.77E-02	2.28E-01	2.21E-01	1.30E-01	3.38E-01	3.28E-01
2316	387427.74, 3750509.85	4.87836	12.7979	12.6673	7.38E-02	1.94E-01	1.92E-01	8.64E-02	2.27E-01	2.24E-01	1.28E-01	3.36E-01	3.33E-01
2317	387427.74, 3750534.85	4.80066	12.622	12.4908	7.26E-02	1.91E-01	1.89E-01	8.51E-02	2.24E-01	2.21E-01	1.26E-01	3.32E-01	3.28E-01
2318	387427.74, 3750559.85	4.7414	12.4292	12.2907	7.17E-02	1.88E-01	1.86E-01	8.40E-02	2.20E-01	2.18E-01	1.25E-01	3.27E-01	3.23E-01
2319	387427.74, 3750584.85	4.65033	12.3519	12.1639	7.03E-02	1.87E-01	1.84E-01	8.24E-02	2.19E-01	2.16E-01	1.22E-01	3.25E-01	3.20E-01
2320	387427.74, 3750609.85	4.57936	12.0315	11.7637	6.92E-02	1.82E-01	1.78E-01	8.11E-02	2.13E-01	2.08E-01	1.20E-01	3.16E-01	3.09E-01
2321	387427.74, 3750634.85	4.51613	11.7562	11.3918	6.83E-02	1.78E-01	1.72E-01	8.00E-02	2.08E-01	2.02E-01	1.19E-01	3.09E-01	2.99E-01
2322	387427.74, 3750659.85	4.44082	11.5513	11.1186	6.71E-02	1.75E-01	1.68E-01	7.87E-02	2.05E-01	1.97E-01	1.17E-01	3.04E-01	2.92E-01
2323	387427.74, 3750684.85	4.37755	11.3835	10.9118	6.62E-02	1.72E-01	1.65E-01	7.76E-02	2.02E-01	1.93E-01	1.15E-01	2.99E-01	2.87E-01
2324	387427.74, 3750709.85	4.32571	11.2993	11.0349	6.54E-02	1.71E-01	1.67E-01	7.66E-02	2.00E-01	1.96E-01	1.14E-01	2.97E-01	2.90E-01
2325	387427.74, 3750734.85	4.25843	11.141	10.8703	6.44E-02	1.68E-01	1.64E-01	7.55E-02	1.97E-01	1.93E-01	1.12E-01	2.93E-01	2.86E-01
2326	387427.74, 3750759.85	4.20541	10.9754	10.7425	6.36E-02	1.66E-01	1.62E-01	7.45E-02	1.94E-01	1.90E-01	1.11E-01	2.89E-01	2.82E-01
2327	387427.74, 3750784.85	4.15508	11.0305	10.912	6.28E-02	1.67E-01	1.65E-01	7.36E-02	1.95E-01	1.93E-01	1.09E-01	2.90E-01	2.87E-01
2328	387427.74, 3750809.85	4.09321	10.987	10.886	6.19E-02	1.66E-01	1.65E-01	7.25E-02	1.95E-01	1.93E-01	1.08E-01	2.89E-01	2.86E-01
2329	387427.74, 3750834.85	4.03726	11.0323	10.8938	6.10E-02	1.67E-01	1.65E-01	7.15E-02	1.95E-01	1.93E-01	1.06E-01	2.90E-01	2.86E-01
2330	387427.74, 3750859.85	3.97187	10.8961	10.7672	6.01E-02	1.65E-01	1.63E-01	7.04E-02	1.93E-01	1.91E-01	1.04E-01	2.86E-01	2.83E-01
2331	387427.74, 3750884.85	3.91541	10.8259	10.6694	5.92E-02	1.64E-01	1.61E-01	6.94E-02	1.92E-01	1.89E-01	1.03E-01	2.85E-01	2.80E-01
2332	387427.74, 3750909.85	3.84202	10.584	10.3912	5.81E-02	1.60E-01	1.57E-01	6.81E-02	1.88E-01	1.84E-01	1.01E-01	2.78E-01	2.73E-01
2333	387427.74, 3750934.85	3.78929	10.3026	10.0985	5.73E-02	1.56E-01	1.53E-01	6.71E-02	1.83E-01	1.79E-01	9.96E-02	2.71E-01	2.65E-01
2334	387427.74, 3750959.85	3.73358	9.94688	9.813	5.65E-02	1.50E-01	1.48E-01	6.62E-02	1.76E-01	1.74E-01	9.82E-02	2.62E-01	2.58E-01
2335	387427.74, 3750984.85	3.71274	9.91536	9.8318	5.61E-02	1.50E-01	1.49E-01	6.58E-02	1.76E-01	1.74E-01	9.76E-02	2.61E-01	2.58E-01
2336	387427.74, 3751009.85	3.65621	9.74629	9.66222	5.53E-02	1.47E-01	1.46E-01	6.48E-02	1.73E-01	1.71E-01	9.61E-02	2.56E-01	2.54E-01
2337	387427.74, 3751034.85	3.61623	9.8786	9.77657	5.47E-02	1.49E-01	1.48E-01	6.41E-02	1.75E-01	1.73E-01	9.51E-02	2.60E-01	2.57E-01
2338	387427.74, 3751059.85	3.56524	9.80784	9.71264	5.39E-02	1.48E-01	1.47E-01	6.32E-02	1.74E-01	1.72E-01	9.37E-02	2.58E-01	2.55E-01
2339	387427.74, 3751084.85	3.51411	9.59783	9.4736	5.31E-02	1.45E-01	1.43E-01	6.23E-02	1.70E-01	1.68E-01	9.24E-02	2.52E-01	2.49E-01
2340	387427.74, 3751109.85	3.47242	9.64876	9.5325	5.25E-02	1.46E-01	1.44E-01	6.15E-02	1.71E-01	1.69E-01	9.13E-02	2.54E-01	2.51E-01
2341	387427.74, 3751134.85	3.4325	9.67737	9.58815	5.19E-02	1.46E-01	1.45E-01	6.08E-02	1.71E-01	1.70E-01	9.02E-02	2.54E-01	2.52E-01
2342	387427.74, 3751159.85	3.38503	9.59517	9.50098	5.12E-02	1.45E-01	1.44E-01	6.00E-02	1.70E-01	1.68E-01	8.90E-02	2.52E-01	2.50E-01
2343	387427.74, 3751184.85	3.33798	9.51831	9.42492	5.05E-02	1.44E-01	1.43E-01	5.91E-02	1.69E-01	1.67E-01	8.78E-02	2.50E-01	2.48E-01
2344	387427.74, 3751209.85	3.29373	9.46073	9.35777	4.98E-02	1.43E-01	1.41E-01	5.84E-02	1.68E-01	1.66E-01	8.66E-02	2.49E-01	2.46E-01
2345	387427.74, 3751234.85	3.25071	9.37459	9.25125	4.92E-02	1.42E-01	1.40E-01	5.76E-02	1.66E-01	1.64E-01	8.55E-02	2.46E-01	2.43E-01
2346	387427.74, 3751259.85	3.20589	9.25508	9.10831	4.85E-02	1.40E-01	1.38E-01	5.68E-02	1.64E-01	1.61E-01	8.43E-02	2.43E-01	2.39E-01
2347	387427.74, 3751284.85	3.16314	9.09307	8.95468	4.78E-02	1.37E-01	1.35E-01	5.60E-02	1.61E-01	1.59E-01	8.32E-02	2.39E-01	2.35E-01
2348	387427.74, 3751309.85	3.11537	9.16326	8.98361	4.71E-02	1.39E-01	1.36E-01	5.52E-02	1.62E-01	1.59E-01	8.19E-02	2.41E-01	2.36E-01
2349	387427.74, 3751334.85	3.06972	8.98104	8.80894	4.64E-02	1.36E-01	1.33E-01	5.44E-02	1.59E-01	1.56E-01	8.07E-02	2.36E-01	2.32E-01
2350	387427.74, 3751359.85	3.02281	8.79455	8.65934	4.57E-02	1.33E-01	1.31E-01	5.36E-02	1.56E-01	1.53E-01	7.95E-02	2.31E-01	2.28E-01
2351	387427.74, 3751384.85	2.97918	8.73136	8.63577	4.50E-02	1.32E-01	1.31E-01	5.28E-02	1.55E-01	1.53E-01	7.83E-02	2.30E-01	2.27E-01
2352	387427.74, 3751409.85	2.93695	8.70097	8.62015	4.44E-02	1.32E-01	1.30E-01	5.20E-02	1.54E-01	1.53E-01	7.72E-02	2.29E-01	2.27E-01
2353	387452.74, 3749184.85	22.8382	64.8017	63.7875	3.45E-01	9.80E-01	9.64E-01	4.05E-01	1.15E+00	1.13E+00	6.00E-01	1.70E+00	1.68E+00
2354	387452.74, 3749209.85	20.7229	57.8153	56.3548	3.13E-01	8.74E-01	8.52E-01	3.67E-01	1.02E+00	9.99E-01	5.45E-01	1.52E+00	1.48E+00
2355	387452.74, 3749234.85	18.9829	52.2094	50.5057	2.87E-01	7.89E-01	7.64E-01	3.36E-01	9.25E-01	8.95E-01	4.99E-01	1.37E+00	1.33E+00
2356	387452.74, 3749259.85	17.7234	47.9439	46.0433	2.68E-01	7.25E-01	6.96E-01	3.14E-01	8.50E-01	8.16E-01	4.66E-01	1.26E+00	1.21E+00
2357	387452.74, 3749284.85	16.4757	44.1596	42.2231	2.49E-01	6.68E-01	6.38E-01	2.92E-01	7.82E-01	7.48E-01	4.33E-01	1.16E+00	1.11E+00
2358	387452.74, 3749309.85	15.3265	40.9552	39.0525	2.32E-01	6.19E-01	5.90E-01	2.72E-01	7.26E-01	6.92E-01	4.03E-01	1.08E+00	1.03E+00
2359	387452.74, 3749334.85	14.3324	38.1437	36.3231	2.17E-01	5.77E-01	5.49E-01	2.54E-01	6.76E-01	6.44E-01	3.77E-01	1.00E+00	9.55E-01
2360	387452.74, 3749359.85	13.3704	35.5488	33.8264	2.02E-01	5.38E-01	5.11E-01	2.37E-01	6.30E-01	5.99E-01	3.52E-01	9.35E-01	8.89E-01
2361	387452.74, 3749384.85	12.6041	33.4011	31.7527	1.91E-01	5.05E-01	4.80E-01	2.23E-01	5.92E-01	5.63E-01	3.31E-01	8.78E-01	8.35E-01
2362	387452.74, 3749409.85	12.2226	32.0223	30.3609	1.85E-01	4.84E-01	4.59E-01	2.17E-01	5.67E-01	5.38E-01	3.21E-01	8.42E-01	7.98E-01
2363	387452.74, 3749434.85	11.6046	30.2808	28.7076	1.75E-01	4.58E-01	4.34E-01	2.06E-01	5.37E-01	5.09E-01	3.05E-01	7.96E-01	7.55E-01
2364	387452.74, 3749459.85	11.1606	29.0159	27.5043	1.69E-01	4.39E-01	4.16E-01	1.98E-01	5.14E-01	4.87E-01	2.93E-01	7.63E-01	7.23E-01
2365	387452.74, 3749484.85	10.6978	27.731	26.293	1.62E-01	4.19E-01	3.98E-01	1.90E-01	4.91E-01	4.66E-01	2.81E-01	7.29E-01	6.91E-01
2366	387452.74, 3749509.85	10.3195	26.6191	25.2482	1.56E-01	4.02E-01	3.82E-01	1.83E-01	4.72E-01	4.47E-01	2.71E-01	7.00E-01	6.64E-01
2367	387452.74, 3749534.85	9.84096	25.6073	24.2949	1.49E-01	3.87E-01	3.67E-01	1.74E-01	4.54E-01	4.30E-01	2.59E-01	6.73E-01	6.39E-01
2368	387452.74, 3749559.85	9.47857	24.666	23.4074	1.43E-01	3.73E-01	3.54E-01	1.68E-01	4.37E-01	4.15E-01	2.49E-01	6.48E-01	6.15E-01
2369	387452.74, 3749584.85	9.15742	23.7462	22.5348	1.38E-01	3.59E-01	3.41E-01	1.62E-01	4.21E-01	3.99E-01	2.41E-01	6.24E-01	5.92E-01
2370	387452.74, 3749609.85	8.8139	22.9403	21.7729	1.33E-01	3.47E-01	3.29E-01	1.56E-01	4.06E-01	3.86E-01	2.32E-01	6.03E-01	5.72E-01
2371	387452.74, 3749634.85	8.56982	22.1687	21.0415	1.30E-01	3.35E-01	3.18E-01	1.52E-01	3.93E-01	3.73E-01	2.25E-01	5.83E-01	5.53E-01
2372	387452.74, 3749659.85	8.32877	21.4831	20.3937	1.26E-01	3.25E-01	3.08E-01	1.48E-01	3.81E-01	3.61E-01	2.19E-01	5.65E-01	5.36E-01
2373	387452.74, 3749684.85	8.02797	20.7608	19.7042	1.21E-01	3.14E-01	2.98E-01	1.42E-01	3.68E-01	3.49E-01	2.11E-01	5.46E-01	5.18E-01
2374	387452.74, 3749709.85	7.80889	20.1272	19.1046	1.18E-01	3.04E-01	2.89E-01	1.38E-01	3.57E-01	3.39E-01	2.05E-01	5.29E-01	5.02E-01
2375	387452.74, 3749734.85	7.58533	19.5714	18.5774	1.15E-01	2.96E-01	2.81E-01	1.34E-01	3.47E-01	3.29E-01	1.99E-01	5.15E-01	4.88E-01
2376	387452.74, 3749759.85	7.36301	19.052	18.0825	1.11E-01	2.88E-01	2.73E-01	1.30E-01	3.38E-01	3.20E-01	1.94E-01	5.01E-01	4.75E-01
2377	387452.74, 3749784.85	7.16314	18.5711	17.6616	1.08E-01	2.81E-01	2.67E-01	1.27E-01	3.29E-01	3.13E-01	1.88E-01	4.88E-01	4.64E-01
2378	387452.74, 3749809.85	6.98546	18.0874	17.1794	1.06E-01	2.73E-01	2.60E-01	1.24E-01	3.21E-01	3.04E-01	1.84E-01	4.76E-01	4.52E-01
2379	387452.74, 3749834.85	6.8162	17.6587	16.9711	1.03E-01	2.67E-01	2.57E-01	1.21E-01	3.13E-01	3.01E-01	1.79E-01	4.64E-01	4.46E-01
2380	387452.74, 3749859.85	6.68077	17.305	16.5714	1.01E-01	2.62E-01	2.51E-01	1.18E-01	3.07E-01	2.94E-01	1.76E-01	4.55E-01	4.36E-01
2381	387452.74, 3749884.85	6.55927	16.9639	16.2895	9.92E-02	2.57E-01	2.46E-01	1.16E-01	3.01E-01	2.89E-01	1.72E-01	4.46E-01	4.28E-01
2382	387452.74, 3749909.85	6.40699	16.591	15.9974	9.69E-02	2.51E-01	2.42E-01	1.14E-01	2.94E-01	2.83E-01	1.68E-01	4.36E-01	4.21E-01

2383	387452.74, 3749934.85	6.1872	16.1199	15.6657	9.36E-02	2.44E-01	2.37E-01	1.10E-01	2.86E-01	2.78E-01	1.63E-01	4.24E-01	4.12E-01
2384	387452.74, 3749959.85	6.13561	15.9184	15.3974	9.28E-02	2.41E-01	2.33E-01	1.09E-01	2.82E-01	2.73E-01	1.61E-01	4.18E-01	4.05E-01
2385	387452.74, 3749984.85	6.05684	15.7199	15.4475	9.16E-02	2.38E-01	2.34E-01	1.07E-01	2.79E-01	2.74E-01	1.59E-01	4.13E-01	4.06E-01
2386	387452.74, 3750009.85	5.87694	15.4068	15.1622	8.89E-02	2.33E-01	2.29E-01	1.04E-01	2.73E-01	2.69E-01	1.55E-01	4.05E-01	3.99E-01
2387	387452.74, 3750034.85	5.81568	15.2111	14.8694	8.79E-02	2.30E-01	2.25E-01	1.03E-01	2.70E-01	2.63E-01	1.53E-01	4.00E-01	3.91E-01
2388	387452.74, 3750059.85	5.71482	14.8519	14.1508	8.64E-02	2.25E-01	2.14E-01	1.01E-01	2.63E-01	2.51E-01	1.50E-01	3.90E-01	3.72E-01
2389	387452.74, 3750084.85	5.60178	14.5325	13.922	8.47E-02	2.20E-01	2.11E-01	9.93E-02	2.58E-01	2.47E-01	1.47E-01	3.82E-01	3.66E-01
2390	387452.74, 3750109.85	5.53383	14.4383	14.1564	8.37E-02	2.18E-01	2.14E-01	9.81E-02	2.56E-01	2.51E-01	1.45E-01	3.80E-01	3.72E-01
2391	387452.74, 3750134.85	5.4407	14.2387	14.0875	8.23E-02	2.15E-01	2.13E-01	9.64E-02	2.52E-01	2.50E-01	1.43E-01	3.74E-01	3.70E-01
2392	387452.74, 3750159.85	5.36421	14.0694	13.8577	8.11E-02	2.13E-01	2.10E-01	9.51E-02	2.49E-01	2.46E-01	1.41E-01	3.70E-01	3.64E-01
2393	387452.74, 3750184.85	5.25838	13.8566	13.5975	7.95E-02	2.10E-01	2.06E-01	9.32E-02	2.46E-01	2.41E-01	1.38E-01	3.64E-01	3.57E-01
2394	387452.74, 3750209.85	5.1549	13.6091	13.3475	7.79E-02	2.06E-01	2.02E-01	9.13E-02	2.41E-01	2.37E-01	1.36E-01	3.58E-01	3.51E-01
2395	387452.74, 3750234.85	5.0547	13.2334	12.9101	7.64E-02	2.00E-01	1.95E-01	8.96E-02	2.34E-01	2.29E-01	1.33E-01	3.48E-01	3.39E-01
2396	387452.74, 3750259.85	4.97728	13.0152	12.6948	7.53E-02	1.97E-01	1.92E-01	8.82E-02	2.31E-01	2.25E-01	1.31E-01	3.42E-01	3.34E-01
2397	387452.74, 3750284.85	4.89903	12.8062	12.4632	7.41E-02	1.94E-01	1.88E-01	8.68E-02	2.27E-01	2.21E-01	1.29E-01	3.37E-01	3.28E-01
2398	387452.74, 3750309.85	4.81715	12.5491	12.01	7.28E-02	1.90E-01	1.82E-01	8.54E-02	2.22E-01	2.13E-01	1.27E-01	3.30E-01	3.16E-01
2399	387452.74, 3750334.85	4.7357	12.3433	11.769	7.16E-02	1.87E-01	1.78E-01	8.39E-02	2.19E-01	2.09E-01	1.25E-01	3.25E-01	3.09E-01
2400	387452.74, 3750359.85	4.67922	12.1651	11.6297	7.08E-02	1.84E-01	1.76E-01	8.29E-02	2.16E-01	2.06E-01	1.23E-01	3.20E-01	3.06E-01
2401	387452.74, 3750384.85	4.60635	11.9773	11.5879	6.97E-02	1.81E-01	1.75E-01	8.16E-02	2.12E-01	2.05E-01	1.21E-01	3.15E-01	3.05E-01
2402	387452.74, 3750409.85	4.53833	11.797	11.4454	6.86E-02	1.78E-01	1.73E-01	8.04E-02	2.09E-01	2.03E-01	1.19E-01	3.10E-01	3.01E-01
2403	387452.74, 3750434.85	4.4798	11.674	11.3712	6.77E-02	1.77E-01	1.72E-01	7.94E-02	2.07E-01	2.01E-01	1.18E-01	3.07E-01	2.99E-01
2404	387452.74, 3750459.85	4.43635	11.5357	11.2326	6.71E-02	1.74E-01	1.70E-01	7.86E-02	2.04E-01	1.99E-01	1.17E-01	3.03E-01	2.95E-01
2405	387452.74, 3750484.85	4.37256	11.3753	11.0985	6.61E-02	1.72E-01	1.68E-01	7.75E-02	2.02E-01	1.97E-01	1.15E-01	2.99E-01	2.92E-01
2406	387452.74, 3750509.85	4.31487	11.3969	11.2579	6.52E-02	1.72E-01	1.70E-01	7.65E-02	2.02E-01	1.99E-01	1.13E-01	3.00E-01	2.96E-01
2407	387452.74, 3750534.85	4.26831	11.4456	11.3311	6.45E-02	1.73E-01	1.71E-01	7.56E-02	2.03E-01	2.01E-01	1.12E-01	3.01E-01	2.98E-01
2408	387452.74, 3750559.85	4.20898	11.1631	11.0461	6.36E-02	1.69E-01	1.67E-01	7.46E-02	1.98E-01	1.96E-01	1.11E-01	2.93E-01	2.90E-01
2409	387452.74, 3750584.85	4.15537	11.1079	11.0056	6.28E-02	1.68E-01	1.66E-01	7.36E-02	1.97E-01	1.95E-01	1.09E-01	2.92E-01	2.89E-01
2410	387452.74, 3750609.85	4.08333	10.7641	10.586	6.17E-02	1.63E-01	1.60E-01	7.24E-02	1.91E-01	1.88E-01	1.07E-01	2.83E-01	2.78E-01
2411	387452.74, 3750634.85	4.03745	10.4754	10.0999	6.10E-02	1.58E-01	1.53E-01	7.15E-02	1.86E-01	1.79E-01	1.06E-01	2.75E-01	2.66E-01
2412	387452.74, 3750659.85	3.99241	10.3572	9.99481	6.04E-02	1.57E-01	1.51E-01	7.07E-02	1.84E-01	1.77E-01	1.05E-01	2.72E-01	2.63E-01
2413	387452.74, 3750684.85	3.92001	10.247	9.90675	5.93E-02	1.55E-01	1.50E-01	6.95E-02	1.82E-01	1.76E-01	1.03E-01	2.69E-01	2.60E-01
2414	387452.74, 3750709.85	3.87248	10.1392	9.86586	5.86E-02	1.53E-01	1.49E-01	6.86E-02	1.80E-01	1.75E-01	1.02E-01	2.67E-01	2.59E-01
2415	387452.74, 3750734.85	3.82593	10.1109	9.97685	5.79E-02	1.53E-01	1.51E-01	6.78E-02	1.79E-01	1.77E-01	1.01E-01	2.66E-01	2.62E-01
2416	387452.74, 3750759.85	3.78422	9.97582	9.85952	5.72E-02	1.51E-01	1.49E-01	6.71E-02	1.77E-01	1.75E-01	9.95E-02	2.62E-01	2.59E-01
2417	387452.74, 3750784.85	3.73069	9.81897	9.68387	5.64E-02	1.48E-01	1.46E-01	6.61E-02	1.74E-01	1.72E-01	9.81E-02	2.58E-01	2.55E-01
2418	387452.74, 3750809.85	3.69813	10.0872	10.0011	5.59E-02	1.53E-01	1.51E-01	6.55E-02	1.79E-01	1.77E-01	9.72E-02	2.65E-01	2.63E-01
2419	387452.74, 3750834.85	3.64533	10.1668	10.0357	5.51E-02	1.54E-01	1.52E-01	6.46E-02	1.80E-01	1.78E-01	9.58E-02	2.67E-01	2.64E-01
2420	387452.74, 3750859.85	3.59616	10.0609	9.93139	5.44E-02	1.52E-01	1.50E-01	6.37E-02	1.78E-01	1.76E-01	9.45E-02	2.65E-01	2.61E-01
2421	387452.74, 3750884.85	3.54811	9.97403	9.84317	5.36E-02	1.51E-01	1.49E-01	6.29E-02	1.77E-01	1.74E-01	9.33E-02	2.62E-01	2.59E-01
2422	387452.74, 3750909.85	3.49561	9.82608	9.66226	5.29E-02	1.49E-01	1.46E-01	6.19E-02	1.74E-01	1.71E-01	9.19E-02	2.58E-01	2.54E-01
2423	387452.74, 3750934.85	3.44529	9.595	9.41315	5.21E-02	1.45E-01	1.42E-01	6.10E-02	1.70E-01	1.67E-01	9.06E-02	2.52E-01	2.47E-01
2424	387452.74, 3750959.85	3.40509	9.32367	9.15986	5.15E-02	1.41E-01	1.39E-01	6.03E-02	1.65E-01	1.62E-01	8.95E-02	2.45E-01	2.41E-01
2425	387452.74, 3750984.85	3.36457	9.11222	9.01625	5.09E-02	1.38E-01	1.36E-01	5.96E-02	1.61E-01	1.60E-01	8.85E-02	2.40E-01	2.37E-01
2426	387452.74, 3751009.85	3.32949	9.01206	8.93113	5.03E-02	1.36E-01	1.35E-01	5.90E-02	1.60E-01	1.58E-01	8.75E-02	2.37E-01	2.35E-01
2427	387452.74, 3751034.85	3.28986	8.92289	8.83111	4.97E-02	1.35E-01	1.34E-01	5.83E-02	1.58E-01	1.56E-01	8.65E-02	2.35E-01	2.32E-01
2428	387452.74, 3751059.85	3.25101	9.02948	8.92533	4.92E-02	1.37E-01	1.35E-01	5.76E-02	1.60E-01	1.58E-01	8.55E-02	2.37E-01	2.35E-01
2429	387452.74, 3751084.85	3.21255	8.90371	8.79083	4.86E-02	1.35E-01	1.33E-01	5.69E-02	1.58E-01	1.56E-01	8.45E-02	2.34E-01	2.31E-01
2430	387452.74, 3751109.85	3.17356	9.03863	8.95999	4.80E-02	1.37E-01	1.35E-01	5.62E-02	1.60E-01	1.59E-01	8.34E-02	2.38E-01	2.36E-01
2431	387452.74, 3751134.85	3.13604	8.98376	8.90677	4.74E-02	1.36E-01	1.35E-01	5.56E-02	1.59E-01	1.58E-01	8.24E-02	2.36E-01	2.34E-01
2432	387452.74, 3751159.85	3.09654	8.88654	8.79917	4.68E-02	1.34E-01	1.33E-01	5.49E-02	1.57E-01	1.56E-01	8.14E-02	2.34E-01	2.31E-01
2433	387452.74, 3751184.85	3.06226	8.95741	8.86321	4.63E-02	1.35E-01	1.34E-01	5.43E-02	1.59E-01	1.57E-01	8.05E-02	2.35E-01	2.33E-01
2434	387452.74, 3751209.85	3.0202	8.77139	8.68829	4.57E-02	1.33E-01	1.31E-01	5.35E-02	1.55E-01	1.54E-01	7.94E-02	2.31E-01	2.28E-01
2435	387452.74, 3751234.85	2.98203	8.74152	8.64033	4.51E-02	1.32E-01	1.31E-01	5.28E-02	1.55E-01	1.53E-01	7.84E-02	2.30E-01	2.27E-01
2436	387477.74, 3748984.85	20.7462	57.6154	56.7161	3.14E-01	8.71E-01	8.58E-01	3.68E-01	1.02E+00	1.00E+00	5.45E-01	1.51E+00	1.49E+00
2437	387477.74, 3749009.85	19.4093	52.6481	51.2391	2.93E-01	7.96E-01	7.75E-01	3.44E-01	9.33E-01	9.08E-01	5.10E-01	1.38E+00	1.35E+00
2438	387477.74, 3749034.85	18.1909	48.3846	46.6716	2.75E-01	7.32E-01	7.06E-01	3.22E-01	8.57E-01	8.27E-01	4.78E-01	1.27E+00	1.23E+00
2439	387477.74, 3749059.85	17.0495	44.7061	42.8381	2.58E-01	6.76E-01	6.48E-01	3.02E-01	7.92E-01	7.59E-01	4.48E-01	1.18E+00	1.13E+00
2440	387477.74, 3749084.85	15.9755	41.5716	39.6557	2.42E-01	6.29E-01	6.00E-01	2.83E-01	7.37E-01	7.03E-01	4.20E-01	1.09E+00	1.04E+00
2441	387477.74, 3749109.85	15.0733	38.9055	37.0434	2.28E-01	5.88E-01	5.60E-01	2.67E-01	6.89E-01	6.56E-01	3.96E-01	1.02E+00	9.74E-01
2442	387477.74, 3749134.85	14.2583	36.6233	34.764	2.16E-01	5.54E-01	5.26E-01	2.53E-01	6.49E-01	6.16E-01	3.75E-01	9.63E-01	9.14E-01
2443	387477.74, 3749159.85	13.4968	34.5754	32.793	2.04E-01	5.23E-01	4.96E-01	2.39E-01	6.13E-01	5.81E-01	3.55E-01	9.09E-01	8.62E-01
2444	387477.74, 3749184.85	12.8416	32.8033	31.1103	1.94E-01	4.96E-01	4.70E-01	2.28E-01	5.81E-01	5.51E-01	3.38E-01	8.62E-01	8.18E-01
2445	387477.74, 3749209.85	12.2597	31.2233	29.6294	1.85E-01	4.72E-01	4.48E-01	2.17E-01	5.53E-01	5.25E-01	3.22E-01	8.21E-01	7.79E-01
2446	387477.74, 3749234.85	11.72	29.7986	28.291	1.77E-01	4.51E-01	4.28E-01	2.08E-01	5.28E-01	5.01E-01	3.08E-01	7.83E-01	7.44E-01
2447	387477.74, 3749259.85	11.2058	28.5032	27.0711	1.69E-01	4.31E-01	4.09E-01	1.99E-01	5.05E-01	4.80E-01	2.95E-01	7.49E-01	7.12E-01
2448	387477.74, 3749284.85	10.7144	27.3011	25.9352	1.62E-01	4.13E-01	3.92E-01	1.90E-01	4.84E-01	4.60E-01	2.82E-01	7.18E-01	6.82E-01
2449	387477.74, 3749309.85	10.2563	26.2032	24.8965	1.55E-01	3.96E-01	3.76E-01	1.82E-01	4.64E-01	4.41E-01	2.70E-01	6.89E-01	6.55E-01
2450	387477.74, 3749334.85	9.87943	25.2103	23.9574	1.49E-01	3.81E-01	3.62E-01	1.75E-01	4.47E-01	4.25E-01	2.60E-01	6.63E-01	6.30E-01
2451	387477.74, 3749359.85	9.53424	24.2849	23.0758	1.44E-01	3.67E-01	3.49E-01	1.69E-01	4.30E-01	4.09E-01	2.51E-01	6.38E-01	6.07E-01
2452	387477.74, 3749384.85	9.23265	23.4516	22.282	1.40E-01	3.55E-01	3.37E-01	1.64E-01	4.16E-01	3.95E-01	2.43E-01	6.17E-01	5.86E-01
2453	387477.74, 3749409.85	8.91683	22.677	21.5443	1.35E-01	3.43E-01	3.26E-01	1.58E-01	4.02E-01	3.82E-01	2.34E-01	5.96E-01	5.66E-01
2454	387477.74, 3749434.85	8.62742	21.9188	20.8217	1.30E-01	3.31E-01	3.15E-01	1.53E-01	3.88E-01	3.69E-01	2.27E-01	5.76E-01	5.47E-01
2455	387477.74, 3749459.85	8.37342	21.2443	20.1795	1.27E-01	3.21E-01	3.05E-01	1.48E-01	3.76E-01	3.58E-01	2.20E-01	5.59E-01	5.31E-01
2456	387477.74, 3749484.85	8.14048	20.6653	19.6294	1.23E-01	3.12E-01	2.97E-01	1.44E-01	3.66E-01	3.48E-01	2.14E-01	5.43E-01	5.16E-01
2457	387477.74, 3749509.85	7.95507	20.1092	19.1014	1.20E-01	3.04E-01	2.89E-01	1.41E-01	3.56E-01	3.38E-01	2.09E-01	5.29E-01	5.02E-01
2458	387477.74, 3749534.85	7.67264	19.5433	18.5625	1.16E-01	2.96E-01	2.81E-01	1.36E-01	3.46E-01	3.29E-01	2.02E-01	5.14E-01	4.88E-01
2459	387477.74, 3749559.85	7.43119	19.0291	18.0738	1.12E-01	2.88E-01	2.73E-01	1.32E-01	3.37E-01	3.20E-01	1.95E-01	5.00E-01	4.75E-01

2460	387477.74, 3749584.85	7.25449	18.5144	17.583	1.10E-01	2.80E-01	2.66E-01	1.29E-01	3.28E-01	3.12E-01	1.91E-01	4.87E-01	4.62E-01
2461	387477.74, 3749609.85	7.03274	18.0433	17.1348	1.06E-01	2.73E-01	2.59E-01	1.25E-01	3.20E-01	3.04E-01	1.85E-01	4.74E-01	4.50E-01
2462	387477.74, 3749634.85	6.88286	17.6124	16.7262	1.04E-01	2.66E-01	2.53E-01	1.22E-01	3.12E-01	2.96E-01	1.81E-01	4.63E-01	4.40E-01
2463	387477.74, 3749659.85	6.75302	17.2123	16.3476	1.02E-01	2.60E-01	2.47E-01	1.20E-01	3.05E-01	2.90E-01	1.78E-01	4.53E-01	4.30E-01
2464	387477.74, 3749684.85	6.55736	16.7671	15.9199	9.92E-02	2.54E-01	2.41E-01	1.16E-01	2.97E-01	2.82E-01	1.72E-01	4.41E-01	4.19E-01
2465	387477.74, 3749709.85	6.42159	16.3894	15.7994	9.71E-02	2.48E-01	2.39E-01	1.14E-01	2.90E-01	2.80E-01	1.69E-01	4.31E-01	4.15E-01
2466	387477.74, 3749734.85	6.27659	16.0308	15.5403	9.49E-02	2.42E-01	2.35E-01	1.11E-01	2.84E-01	2.75E-01	1.65E-01	4.21E-01	4.09E-01
2467	387477.74, 3749759.85	6.14523	15.7133	15.2545	9.29E-02	2.38E-01	2.31E-01	1.09E-01	2.78E-01	2.70E-01	1.62E-01	4.13E-01	4.01E-01
2468	387477.74, 3749784.85	6.02118	15.434	14.9828	9.10E-02	2.33E-01	2.27E-01	1.07E-01	2.73E-01	2.65E-01	1.58E-01	4.06E-01	3.94E-01
2469	387477.74, 3749809.85	5.88067	15.1115	14.5638	8.89E-02	2.28E-01	2.20E-01	1.04E-01	2.68E-01	2.58E-01	1.55E-01	3.97E-01	3.83E-01
2470	387477.74, 3749834.85	5.76906	14.8938	14.6249	8.72E-02	2.25E-01	2.21E-01	1.02E-01	2.64E-01	2.59E-01	1.52E-01	3.92E-01	3.84E-01
2471	387477.74, 3749859.85	5.6644	14.6089	14.2853	8.56E-02	2.21E-01	2.16E-01	1.00E-01	2.59E-01	2.53E-01	1.49E-01	3.84E-01	3.76E-01
2472	387477.74, 3749884.85	5.58184	14.4111	14.1187	8.44E-02	2.18E-01	2.13E-01	9.89E-02	2.55E-01	2.50E-01	1.47E-01	3.79E-01	3.71E-01
2473	387477.74, 3749909.85	5.45703	14.1491	13.8502	8.25E-02	2.14E-01	2.09E-01	9.67E-02	2.51E-01	2.45E-01	1.43E-01	3.72E-01	3.64E-01
2474	387477.74, 3749934.85	5.307	14.0627	13.8076	8.02E-02	2.13E-01	2.09E-01	9.40E-02	2.49E-01	2.45E-01	1.40E-01	3.70E-01	3.63E-01
2475	387477.74, 3749959.85	5.19696	13.9318	13.7402	7.86E-02	2.11E-01	2.08E-01	9.21E-02	2.47E-01	2.43E-01	1.37E-01	3.66E-01	3.61E-01
2476	387477.74, 3749984.85	5.16896	13.6902	13.571	7.82E-02	2.07E-01	2.05E-01	9.16E-02	2.43E-01	2.40E-01	1.36E-01	3.60E-01	3.57E-01
2477	387477.74, 3750009.85	5.11523	13.4399	13.3142	7.73E-02	2.03E-01	2.01E-01	9.06E-02	2.38E-01	2.36E-01	1.34E-01	3.53E-01	3.50E-01
2478	387477.74, 3750034.85	5.05492	13.4439	13.2182	7.64E-02	2.03E-01	2.00E-01	8.96E-02	2.38E-01	2.34E-01	1.33E-01	3.53E-01	3.48E-01
2479	387477.74, 3750059.85	4.9552	12.8368	12.3882	7.49E-02	1.94E-01	1.87E-01	8.78E-02	2.27E-01	2.20E-01	1.30E-01	3.37E-01	3.26E-01
2480	387477.74, 3750084.85	4.8767	12.6967	12.3357	7.37E-02	1.92E-01	1.87E-01	8.64E-02	2.25E-01	2.19E-01	1.28E-01	3.34E-01	3.24E-01
2481	387477.74, 3750109.85	4.81606	12.6791	12.5207	7.28E-02	1.92E-01	1.89E-01	8.53E-02	2.25E-01	2.22E-01	1.27E-01	3.33E-01	3.29E-01
2482	387477.74, 3750134.85	4.75719	12.7217	12.5872	7.19E-02	1.92E-01	1.90E-01	8.43E-02	2.25E-01	2.23E-01	1.25E-01	3.34E-01	3.31E-01
2483	387477.74, 3750159.85	4.68557	12.551	12.4276	7.08E-02	1.90E-01	1.88E-01	8.30E-02	2.22E-01	2.20E-01	1.23E-01	3.30E-01	3.27E-01
2484	387477.74, 3750184.85	4.61176	12.4709	12.2935	6.97E-02	1.89E-01	1.86E-01	8.17E-02	2.21E-01	2.18E-01	1.21E-01	3.28E-01	3.23E-01
2485	387477.74, 3750209.85	4.52557	12.2649	12.0043	6.84E-02	1.85E-01	1.82E-01	8.02E-02	2.17E-01	2.13E-01	1.19E-01	3.22E-01	3.16E-01
2486	387477.74, 3750234.85	4.4551	11.9502	11.737	6.74E-02	1.81E-01	1.77E-01	7.89E-02	2.12E-01	2.08E-01	1.17E-01	3.14E-01	3.09E-01
2487	387477.74, 3750259.85	4.39639	11.7037	11.515	6.65E-02	1.77E-01	1.74E-01	7.79E-02	2.07E-01	2.04E-01	1.16E-01	3.08E-01	3.03E-01
2488	387477.74, 3750284.85	4.33605	11.4977	11.3169	6.56E-02	1.74E-01	1.71E-01	7.68E-02	2.04E-01	2.01E-01	1.14E-01	3.02E-01	2.98E-01
2489	387477.74, 3750309.85	4.2677	11.2565	11.0128	6.45E-02	1.70E-01	1.67E-01	7.56E-02	1.99E-01	1.95E-01	1.12E-01	2.96E-01	2.90E-01
2490	387477.74, 3750334.85	4.20503	10.9508	10.5449	6.36E-02	1.66E-01	1.59E-01	7.45E-02	1.94E-01	1.87E-01	1.11E-01	2.88E-01	2.77E-01
2491	387477.74, 3750359.85	4.15822	10.826	10.4799	6.29E-02	1.64E-01	1.58E-01	7.37E-02	1.92E-01	1.86E-01	1.09E-01	2.85E-01	2.76E-01
2492	387477.74, 3750384.85	4.11246	10.7794	10.5335	6.22E-02	1.63E-01	1.59E-01	7.29E-02	1.91E-01	1.87E-01	1.08E-01	2.83E-01	2.77E-01
2493	387477.74, 3750409.85	4.0628	10.6131	10.3625	6.14E-02	1.60E-01	1.57E-01	7.20E-02	1.88E-01	1.84E-01	1.07E-01	2.79E-01	2.72E-01
2494	387477.74, 3750434.85	4.01391	10.4786	10.2509	6.07E-02	1.58E-01	1.55E-01	7.11E-02	1.86E-01	1.82E-01	1.06E-01	2.75E-01	2.69E-01
2495	387477.74, 3750459.85	3.97423	10.3908	10.2003	6.01E-02	1.57E-01	1.54E-01	7.04E-02	1.84E-01	1.81E-01	1.04E-01	2.73E-01	2.68E-01
2496	387477.74, 3750484.85	3.9221	10.272	10.1273	5.93E-02	1.55E-01	1.53E-01	6.95E-02	1.82E-01	1.79E-01	1.03E-01	2.70E-01	2.66E-01
2497	387477.74, 3750509.85	3.87663	10.411	10.2908	5.86E-02	1.57E-01	1.56E-01	6.87E-02	1.84E-01	1.82E-01	1.02E-01	2.74E-01	2.71E-01
2498	387477.74, 3750534.85	3.84262	10.4982	10.3938	5.81E-02	1.59E-01	1.57E-01	6.81E-02	1.86E-01	1.84E-01	1.01E-01	2.76E-01	2.73E-01
2499	387477.74, 3750559.85	3.79171	10.1935	10.1008	5.73E-02	1.54E-01	1.53E-01	6.72E-02	1.81E-01	1.79E-01	9.97E-02	2.68E-01	2.66E-01
2500	387477.74, 3750584.85	3.74145	10.104	10.009	5.66E-02	1.53E-01	1.51E-01	6.63E-02	1.79E-01	1.77E-01	9.84E-02	2.66E-01	2.63E-01
2501	387477.74, 3750609.85	3.70061	10.2091	10.0853	5.60E-02	1.54E-01	1.52E-01	6.56E-02	1.81E-01	1.79E-01	9.73E-02	2.68E-01	2.65E-01
2502	387477.74, 3750634.85	3.64577	9.86992	9.74308	5.51E-02	1.49E-01	1.47E-01	6.46E-02	1.75E-01	1.73E-01	9.58E-02	2.59E-01	2.56E-01
2503	387477.74, 3750659.85	3.59957	9.49815	9.27266	5.44E-02	1.44E-01	1.40E-01	6.38E-02	1.68E-01	1.64E-01	9.46E-02	2.50E-01	2.44E-01
2504	387477.74, 3750684.85	3.54915	9.36648	9.12442	5.37E-02	1.42E-01	1.38E-01	6.29E-02	1.66E-01	1.62E-01	9.33E-02	2.46E-01	2.40E-01
2505	387477.74, 3750709.85	3.53378	9.78183	9.69884	5.34E-02	1.48E-01	1.47E-01	6.26E-02	1.73E-01	1.72E-01	9.29E-02	2.57E-01	2.55E-01
2506	387477.74, 3750734.85	3.47345	9.96183	9.81808	5.25E-02	1.51E-01	1.48E-01	6.15E-02	1.77E-01	1.74E-01	9.13E-02	2.62E-01	2.58E-01
2507	387477.74, 3750759.85	3.43477	9.90009	9.75355	5.19E-02	1.50E-01	1.47E-01	6.09E-02	1.75E-01	1.73E-01	9.03E-02	2.60E-01	2.56E-01
2508	387477.74, 3750784.85	3.3943	9.81915	9.66404	5.13E-02	1.48E-01	1.46E-01	6.01E-02	1.74E-01	1.71E-01	8.92E-02	2.58E-01	2.54E-01
2509	387477.74, 3750809.85	3.3536	9.68871	9.54713	5.07E-02	1.46E-01	1.44E-01	5.94E-02	1.72E-01	1.69E-01	8.82E-02	2.55E-01	2.51E-01
2510	387477.74, 3750834.85	3.31134	9.60277	9.46618	5.01E-02	1.45E-01	1.43E-01	5.87E-02	1.70E-01	1.68E-01	8.71E-02	2.52E-01	2.49E-01
2511	387477.74, 3750859.85	3.28062	9.33617	9.21736	4.96E-02	1.41E-01	1.39E-01	5.81E-02	1.65E-01	1.63E-01	8.62E-02	2.45E-01	2.42E-01
2512	387477.74, 3750884.85	3.24793	9.29842	9.16835	4.91E-02	1.41E-01	1.39E-01	5.76E-02	1.65E-01	1.62E-01	8.54E-02	2.44E-01	2.41E-01
2513	387477.74, 3750909.85	3.20357	9.16778	9.02798	4.84E-02	1.39E-01	1.37E-01	5.68E-02	1.62E-01	1.60E-01	8.42E-02	2.41E-01	2.37E-01
2514	387477.74, 3750934.85	3.16288	9.00844	8.84843	4.78E-02	1.36E-01	1.34E-01	5.60E-02	1.60E-01	1.57E-01	8.32E-02	2.37E-01	2.33E-01
2515	387477.74, 3750959.85	3.12454	8.84698	8.70052	4.72E-02	1.34E-01	1.32E-01	5.54E-02	1.57E-01	1.54E-01	8.21E-02	2.33E-01	2.29E-01
2516	387477.74, 3750984.85	3.08344	8.54623	8.40205	4.66E-02	1.29E-01	1.27E-01	5.46E-02	1.51E-01	1.49E-01	8.11E-02	2.25E-01	2.21E-01
2517	387477.74, 3751009.85	3.05687	8.5733	8.4689	4.62E-02	1.30E-01	1.28E-01	5.42E-02	1.52E-01	1.50E-01	8.04E-02	2.25E-01	2.23E-01
2518	387477.74, 3751034.85	3.02322	8.51388	8.44557	4.57E-02	1.29E-01	1.28E-01	5.36E-02	1.51E-01	1.50E-01	7.95E-02	2.24E-01	2.22E-01
2519	387477.74, 3751059.85	2.99068	8.47349	8.40276	4.52E-02	1.28E-01	1.27E-01	5.30E-02	1.50E-01	1.49E-01	7.86E-02	2.23E-01	2.21E-01
2520	387502.74, 3748984.85	11.5054	28.0741	26.6222	1.74E-01	4.24E-01	4.03E-01	2.04E-01	4.97E-01	4.72E-01	3.02E-01	7.38E-01	7.00E-01
2521	387502.74, 3749009.85	11.2592	27.5524	26.1466	1.70E-01	4.17E-01	3.95E-01	2.00E-01	4.88E-01	4.63E-01	2.96E-01	7.24E-01	6.87E-01
2522	387502.74, 3749034.85	10.96	26.8532	25.499	1.66E-01	4.06E-01	3.86E-01	1.94E-01	4.76E-01	4.52E-01	2.88E-01	7.06E-01	6.70E-01
2523	387502.74, 3749059.85	10.6295	26.0777	24.7745	1.61E-01	3.94E-01	3.75E-01	1.88E-01	4.62E-01	4.39E-01	2.79E-01	6.86E-01	6.51E-01
2524	387502.74, 3749084.85	10.2707	25.2914	24.0369	1.55E-01	3.82E-01	3.63E-01	1.82E-01	4.48E-01	4.26E-01	2.70E-01	6.65E-01	6.32E-01
2525	387502.74, 3749109.85	9.92503	24.5146	23.2994	1.50E-01	3.71E-01	3.52E-01	1.76E-01	4.34E-01	4.13E-01	2.61E-01	6.44E-01	6.13E-01
2526	387502.74, 3749134.85	9.60485	23.7807	22.601	1.45E-01	3.60E-01	3.42E-01	1.70E-01	4.21E-01	4.00E-01	2.53E-01	6.25E-01	5.94E-01
2527	387502.74, 3749159.85	9.30882	23.0779	21.9337	1.41E-01	3.49E-01	3.32E-01	1.65E-01	4.09E-01	3.89E-01	2.45E-01	6.07E-01	5.77E-01
2528	387502.74, 3749184.85	9.0224	22.4101	21.3004	1.36E-01	3.39E-01	3.22E-01	1.60E-01	3.97E-01	3.77E-01	2.37E-01	5.89E-01	5.60E-01
2529	387502.74, 3749209.85	8.773	21.7954	20.7236	1.33E-01	3.30E-01	3.13E-01	1.55E-01	3.86E-01	3.67E-01	2.31E-01	5.73E-01	5.45E-01
2530	387502.74, 3749234.85	8.51197	21.1925	20.1561	1.29E-01	3.20E-01	3.05E-01	1.51E-01	3.76E-01	3.57E-01	2.24E-01	5.57E-01	5.30E-01
2531	387502.74, 3749259.85	8.23585	20.6063	19.6006	1.25E-01	3.12E-01	2.96E-01	1.46E-01	3.65E-01	3.47E-01	2.17E-01	5.42E-01	5.15E-01
2532	387502.74, 3749284.85	7.98311	20.0553	19.0785	1.21E-01	3.03E-01	2.88E-01	1.41E-01	3.55E-01	3.38E-01	2.10E-01	5.27E-01	5.02E-01
2533	387502.74, 3749309.85	7.78081	19.551	18.6032	1.18E-01	2.96E-01	2.81E-01	1.38E-01	3.46E-01	3.30E-01	2.05E-01	5.14E-01	4.89E-01
2534	387502.74, 3749334.85	7.57738	19.0616	18.1396	1.15E-01	2.88E-01	2.74E-01	1.34E-01	3.38E-01	3.21E-01	1.99E-01	5.01E-01	4.77E-01
2535	387502.74, 3749359.85	7.39381	18.6411	17.7477	1.12E-01	2.82E-01	2.68E-01	1.31E-01	3.30E-01	3.14E-01	1.94E-01	4.90E-01	4.67E-01
2536	387502.74, 3749384.85	7.19436	18.1819	17.3091	1.09E-01	2.75E-01	2.62E-01	1.27E-01	3.22E-01	3.07E-01	1.89E-01	4.78E-01	4.55E-01

2537	387502.74, 3749409.85	7.03504	17.7163	16.8594	1.06E-01	2.68E-01	2.55E-01	1.25E-01	3.14E-01	2.99E-01	1.85E-01	4.66E-01	4.43E-01
2538	387502.74, 3749434.85	6.86326	17.2979	16.4584	1.04E-01	2.62E-01	2.49E-01	1.22E-01	3.07E-01	2.92E-01	1.80E-01	4.55E-01	4.33E-01
2539	387502.74, 3749459.85	6.70364	16.8972	16.0739	1.01E-01	2.55E-01	2.43E-01	1.19E-01	2.99E-01	2.85E-01	1.76E-01	4.44E-01	4.23E-01
2540	387502.74, 3749484.85	6.56335	16.561	15.7588	9.92E-02	2.50E-01	2.38E-01	1.16E-01	2.93E-01	2.79E-01	1.73E-01	4.35E-01	4.14E-01
2541	387502.74, 3749509.85	6.43385	16.2245	15.4403	9.73E-02	2.45E-01	2.33E-01	1.14E-01	2.87E-01	2.74E-01	1.69E-01	4.27E-01	4.06E-01
2542	387502.74, 3749534.85	6.28343	15.8919	15.1233	9.50E-02	2.40E-01	2.29E-01	1.11E-01	2.82E-01	2.68E-01	1.65E-01	4.18E-01	3.98E-01
2543	387502.74, 3749559.85	6.11676	15.5654	14.8107	9.25E-02	2.35E-01	2.24E-01	1.08E-01	2.76E-01	2.62E-01	1.61E-01	4.09E-01	3.89E-01
2544	387502.74, 3749584.85	5.99755	15.2406	14.4977	9.07E-02	2.30E-01	2.19E-01	1.06E-01	2.70E-01	2.57E-01	1.58E-01	4.01E-01	3.81E-01
2545	387502.74, 3749609.85	5.86839	14.9512	14.2223	8.87E-02	2.26E-01	2.15E-01	1.04E-01	2.65E-01	2.52E-01	1.54E-01	3.93E-01	3.74E-01
2546	387502.74, 3749634.85	5.75907	14.6717	13.9559	8.71E-02	2.22E-01	2.11E-01	1.02E-01	2.60E-01	2.47E-01	1.51E-01	3.86E-01	3.67E-01
2547	387502.74, 3749659.85	5.68726	14.4262	13.726	8.60E-02	2.18E-01	2.08E-01	1.01E-01	2.56E-01	2.43E-01	1.50E-01	3.79E-01	3.61E-01
2548	387502.74, 3749684.85	5.56077	14.1359	13.5194	8.41E-02	2.14E-01	2.04E-01	9.85E-02	2.50E-01	2.40E-01	1.46E-01	3.72E-01	3.55E-01
2549	387502.74, 3749709.85	5.4634	13.9749	13.611	8.26E-02	2.11E-01	2.06E-01	9.68E-02	2.48E-01	2.41E-01	1.44E-01	3.67E-01	3.58E-01
2550	387502.74, 3749734.85	5.37579	13.8004	13.6037	8.13E-02	2.09E-01	2.06E-01	9.53E-02	2.45E-01	2.41E-01	1.41E-01	3.63E-01	3.58E-01
2551	387502.74, 3749759.85	5.29067	13.5702	13.4153	8.00E-02	2.05E-01	2.03E-01	9.37E-02	2.40E-01	2.38E-01	1.39E-01	3.57E-01	3.53E-01
2552	387502.74, 3749784.85	5.19739	13.3596	13.1528	7.86E-02	2.02E-01	1.99E-01	9.21E-02	2.37E-01	2.33E-01	1.37E-01	3.51E-01	3.46E-01
2553	387502.74, 3749809.85	5.09109	13.1309	12.8809	7.70E-02	1.99E-01	1.95E-01	9.02E-02	2.33E-01	2.28E-01	1.34E-01	3.45E-01	3.39E-01
2554	387502.74, 3749834.85	4.99901	12.9402	12.7434	7.56E-02	1.96E-01	1.93E-01	8.86E-02	2.29E-01	2.26E-01	1.31E-01	3.40E-01	3.35E-01
2555	387502.74, 3749859.85	4.92415	12.8235	12.6937	7.45E-02	1.94E-01	1.92E-01	8.73E-02	2.27E-01	2.25E-01	1.29E-01	3.37E-01	3.34E-01
2556	387502.74, 3749884.85	4.86034	12.667	12.5664	7.35E-02	1.92E-01	1.90E-01	8.61E-02	2.24E-01	2.23E-01	1.28E-01	3.33E-01	3.30E-01
2557	387502.74, 3749909.85	4.76137	12.6497	12.4664	7.20E-02	1.91E-01	1.88E-01	8.44E-02	2.24E-01	2.21E-01	1.25E-01	3.33E-01	3.28E-01
2558	387502.74, 3749934.85	4.68089	12.4406	12.2811	7.08E-02	1.88E-01	1.86E-01	8.29E-02	2.20E-01	2.18E-01	1.23E-01	3.27E-01	3.23E-01
2559	387502.74, 3749959.85	4.59895	12.43	12.2732	6.95E-02	1.88E-01	1.86E-01	8.15E-02	2.20E-01	2.17E-01	1.21E-01	3.27E-01	3.23E-01
2560	387502.74, 3749984.85	4.5543	12.1998	12.0437	6.89E-02	1.84E-01	1.82E-01	8.07E-02	2.16E-01	2.13E-01	1.20E-01	3.21E-01	3.17E-01
2561	387502.74, 3750009.85	4.51809	12.1043	11.9829	6.83E-02	1.83E-01	1.81E-01	8.01E-02	2.14E-01	2.12E-01	1.19E-01	3.18E-01	3.15E-01
2562	387502.74, 3750034.85	4.45679	12.0475	11.8735	6.74E-02	1.82E-01	1.80E-01	7.90E-02	2.13E-01	2.10E-01	1.17E-01	3.17E-01	3.12E-01
2563	387502.74, 3750059.85	4.37647	11.4303	11.1371	6.62E-02	1.73E-01	1.68E-01	7.75E-02	2.03E-01	1.97E-01	1.15E-01	3.01E-01	2.93E-01
2564	387502.74, 3750084.85	4.31534	11.3697	11.1902	6.53E-02	1.72E-01	1.69E-01	7.65E-02	2.01E-01	1.98E-01	1.13E-01	2.99E-01	2.94E-01
2565	387502.74, 3750109.85	4.27197	11.5301	11.4052	6.46E-02	1.74E-01	1.72E-01	7.57E-02	2.04E-01	2.02E-01	1.12E-01	3.03E-01	3.00E-01
2566	387502.74, 3750134.85	4.22537	11.5074	11.3929	6.39E-02	1.74E-01	1.72E-01	7.49E-02	2.04E-01	2.02E-01	1.11E-01	3.03E-01	3.00E-01
2567	387502.74, 3750159.85	4.16203	11.353	11.2441	6.29E-02	1.72E-01	1.70E-01	7.37E-02	2.01E-01	1.99E-01	1.09E-01	2.98E-01	2.96E-01
2568	387502.74, 3750184.85	4.10723	11.2931	11.161	6.21E-02	1.71E-01	1.69E-01	7.28E-02	2.00E-01	1.98E-01	1.08E-01	2.97E-01	2.93E-01
2569	387502.74, 3750209.85	4.04593	11.255	11.0375	6.12E-02	1.70E-01	1.67E-01	7.17E-02	1.99E-01	1.96E-01	1.06E-01	2.96E-01	2.90E-01
2570	387502.74, 3750234.85	3.99801	11.0436	10.8478	6.05E-02	1.67E-01	1.64E-01	7.08E-02	1.96E-01	1.92E-01	1.05E-01	2.90E-01	2.85E-01
2571	387502.74, 3750259.85	3.94577	10.2588	9.81564	5.97E-02	1.55E-01	1.48E-01	6.99E-02	1.82E-01	1.74E-01	1.04E-01	2.70E-01	2.58E-01
2572	387502.74, 3750284.85	3.88574	10.5219	10.3355	5.88E-02	1.59E-01	1.56E-01	6.89E-02	1.86E-01	1.83E-01	1.02E-01	2.77E-01	2.72E-01
2573	387502.74, 3750309.85	3.83823	10.349	10.1678	5.80E-02	1.56E-01	1.54E-01	6.80E-02	1.83E-01	1.80E-01	1.01E-01	2.72E-01	2.67E-01
2574	387502.74, 3750334.85	3.78782	9.97402	9.71443	5.73E-02	1.51E-01	1.47E-01	6.71E-02	1.77E-01	1.72E-01	9.96E-02	2.62E-01	2.55E-01
2575	387502.74, 3750359.85	3.74592	9.78035	9.50013	5.66E-02	1.48E-01	1.44E-01	6.64E-02	1.73E-01	1.68E-01	9.85E-02	2.57E-01	2.50E-01
2576	387502.74, 3750384.85	3.71259	9.85053	9.73372	5.61E-02	1.49E-01	1.47E-01	6.58E-02	1.75E-01	1.72E-01	9.76E-02	2.59E-01	2.56E-01
2577	387502.74, 3750409.85	3.67046	9.7082	9.5924	5.55E-02	1.47E-01	1.45E-01	6.50E-02	1.72E-01	1.70E-01	9.65E-02	2.55E-01	2.52E-01
2578	387502.74, 3750434.85	3.63569	9.5451	9.4216	5.50E-02	1.44E-01	1.42E-01	6.44E-02	1.69E-01	1.67E-01	9.56E-02	2.51E-01	2.48E-01
2579	387502.74, 3750459.85	3.60009	9.48136	9.38878	5.44E-02	1.43E-01	1.42E-01	6.38E-02	1.68E-01	1.66E-01	9.46E-02	2.49E-01	2.47E-01
2580	387502.74, 3750484.85	3.56082	9.4121	9.3415	5.38E-02	1.42E-01	1.41E-01	6.31E-02	1.67E-01	1.66E-01	9.36E-02	2.47E-01	2.46E-01
2581	387502.74, 3750509.85	3.52114	9.59011	9.48497	5.32E-02	1.45E-01	1.43E-01	6.24E-02	1.70E-01	1.68E-01	9.26E-02	2.52E-01	2.49E-01
2582	387502.74, 3750534.85	3.49044	9.66903	9.58559	5.28E-02	1.46E-01	1.45E-01	6.18E-02	1.71E-01	1.70E-01	9.18E-02	2.54E-01	2.52E-01
2583	387502.74, 3750559.85	3.43957	9.18289	9.09839	5.20E-02	1.39E-01	1.38E-01	6.09E-02	1.63E-01	1.61E-01	9.04E-02	2.41E-01	2.39E-01
2584	387502.74, 3750584.85	3.40962	9.33462	9.25683	5.16E-02	1.41E-01	1.40E-01	6.04E-02	1.65E-01	1.64E-01	8.96E-02	2.45E-01	2.43E-01
2585	387502.74, 3750609.85	3.3793	9.47184	9.36621	5.11E-02	1.43E-01	1.42E-01	5.99E-02	1.68E-01	1.66E-01	8.88E-02	2.49E-01	2.46E-01
2586	387502.74, 3750634.85	3.33898	9.3761	9.26112	5.05E-02	1.42E-01	1.40E-01	5.92E-02	1.66E-01	1.64E-01	8.78E-02	2.46E-01	2.43E-01
2587	387502.74, 3750659.85	3.28165	8.8586	8.7044	4.96E-02	1.34E-01	1.32E-01	5.81E-02	1.57E-01	1.54E-01	8.63E-02	2.33E-01	2.29E-01
2588	387502.74, 3750684.85	3.25296	8.77247	8.64822	4.92E-02	1.33E-01	1.31E-01	5.76E-02	1.55E-01	1.53E-01	8.55E-02	2.31E-01	2.27E-01
2589	387502.74, 3750709.85	3.23005	9.05491	8.94538	4.88E-02	1.37E-01	1.35E-01	5.72E-02	1.60E-01	1.59E-01	8.49E-02	2.38E-01	2.35E-01
2590	387502.74, 3750734.85	3.18338	9.12715	8.98494	4.81E-02	1.38E-01	1.36E-01	5.64E-02	1.62E-01	1.59E-01	8.37E-02	2.40E-01	2.36E-01
2591	387502.74, 3750759.85	3.15419	9.26569	9.12042	4.77E-02	1.40E-01	1.38E-01	5.59E-02	1.64E-01	1.62E-01	8.29E-02	2.44E-01	2.40E-01
2592	387502.74, 3750784.85	3.11918	9.15633	9.01635	4.72E-02	1.38E-01	1.36E-01	5.53E-02	1.62E-01	1.60E-01	8.20E-02	2.41E-01	2.37E-01
2593	387502.74, 3750809.85	3.08506	9.12028	8.96982	4.66E-02	1.38E-01	1.36E-01	5.47E-02	1.62E-01	1.59E-01	8.11E-02	2.40E-01	2.36E-01
2594	387502.74, 3750834.85	3.04795	8.8273	8.69621	4.61E-02	1.33E-01	1.31E-01	5.40E-02	1.56E-01	1.54E-01	8.01E-02	2.32E-01	2.29E-01
2595	387502.74, 3750859.85	3.02345	8.74578	8.63578	4.57E-02	1.32E-01	1.31E-01	5.36E-02	1.55E-01	1.53E-01	7.95E-02	2.30E-01	2.27E-01
2596	387527.74, 3748984.85	7.79743	18.3099	17.4031	1.18E-01	2.77E-01	2.63E-01	1.38E-01	3.24E-01	3.08E-01	2.05E-01	4.81E-01	4.58E-01
2597	387527.74, 3749009.85	7.81252	18.5306	17.6159	1.18E-01	2.80E-01	2.66E-01	1.38E-01	3.28E-01	3.12E-01	2.05E-01	4.87E-01	4.63E-01
2598	387527.74, 3749034.85	7.7632	18.5434	17.6379	1.17E-01	2.80E-01	2.67E-01	1.38E-01	3.29E-01	3.13E-01	2.04E-01	4.88E-01	4.64E-01
2599	387527.74, 3749059.85	7.65875	18.4168	17.5242	1.16E-01	2.78E-01	2.65E-01	1.36E-01	3.26E-01	3.11E-01	2.01E-01	4.84E-01	4.61E-01
2600	387527.74, 3749084.85	7.53361	18.2155	17.3388	1.14E-01	2.75E-01	2.62E-01	1.33E-01	3.23E-01	3.07E-01	1.98E-01	4.79E-01	4.56E-01
2601	387527.74, 3749109.85	7.39751	17.9693	17.1086	1.12E-01	2.72E-01	2.59E-01	1.31E-01	3.18E-01	3.03E-01	1.94E-01	4.72E-01	4.50E-01
2602	387527.74, 3749134.85	7.24431	17.6942	16.8497	1.10E-01	2.68E-01	2.55E-01	1.28E-01	3.14E-01	2.99E-01	1.90E-01	4.65E-01	4.43E-01
2603	387527.74, 3749159.85	7.09625	17.4069	16.5791	1.07E-01	2.63E-01	2.51E-01	1.26E-01	3.08E-01	2.94E-01	1.87E-01	4.58E-01	4.36E-01
2604	387527.74, 3749184.85	6.95292	17.113	16.3016	1.05E-01	2.59E-01	2.46E-01	1.23E-01	3.03E-01	2.89E-01	1.83E-01	4.50E-01	4.29E-01
2605	387527.74, 3749209.85	6.79984	16.8152	16.0198	1.03E-01	2.54E-01	2.42E-01	1.20E-01	2.98E-01	2.84E-01	1.79E-01	4.42E-01	4.21E-01
2606	387527.74, 3749234.85	6.65232	16.5173	15.7372	1.01E-01	2.50E-01	2.38E-01	1.18E-01	2.93E-01	2.79E-01	1.75E-01	4.34E-01	4.14E-01
2607	387527.74, 3749259.85	6.49736	16.215	15.4491	9.82E-02	2.45E-01	2.34E-01	1.15E-01	2.87E-01	2.74E-01	1.71E-01	4.26E-01	4.06E-01
2608	387527.74, 3749284.85	6.35033	15.9211	15.1689	9.60E-02	2.41E-01	2.29E-01	1.13E-01	2.82E-01	2.69E-01	1.67E-01	4.19E-01	3.99E-01
2609	387527.74, 3749309.85	6.2504	15.6686	14.9319	9.45E-02	2.37E-01	2.26E-01	1.11E-01	2.78E-01	2.65E-01	1.64E-01	4.12E-01	3.93E-01
2610	387527.74, 3749334.85	6.11279	15.3867	14.663	9.24E-02	2.33E-01	2.22E-01	1.08E-01	2.73E-01	2.60E-01	1.61E-01	4.05E-01	3.85E-01
2611	387527.74, 3749359.85	6.00065	15.1345	14.4237	9.07E-02	2.29E-01	2.18E-01	1.06E-01	2.68E-01	2.56E-01	1.58E-01	3.98E-01	3.79E-01
2612	387527.74, 3749384.85	5.87677	14.8584	14.1594	8.89E-02	2.25E-01	2.14E-01	1.04E-01	2.63E-01	2.51E-01	1.55E-01	3.91E-01	3.72E-01
2613	387527.74, 3749409.85	5.78068	14.5669	13.8776	8.74E-02	2.20E-01	2.10E-01	1.02E-01	2.58E-01	2.46E-01	1.52E-01	3.83E-01	3.65E-01

2614	387527.74, 3749434.85	5.66576	14.2954	13.6152	8.57E-02	2.16E-01	2.06E-01	1.00E-01	2.53E-01	2.41E-01	1.49E-01	3.76E-01	3.58E-01
2615	387527.74, 3749459.85	5.58479	14.0719	13.404	8.44E-02	2.13E-01	2.03E-01	9.90E-02	2.49E-01	2.38E-01	1.47E-01	3.70E-01	3.52E-01
2616	387527.74, 3749484.85	5.49748	13.8498	13.1933	8.31E-02	2.09E-01	1.99E-01	9.74E-02	2.45E-01	2.34E-01	1.45E-01	3.64E-01	3.47E-01
2617	387527.74, 3749509.85	5.39978	13.633	12.9873	8.16E-02	2.06E-01	1.96E-01	9.57E-02	2.42E-01	2.30E-01	1.42E-01	3.58E-01	3.41E-01
2618	387527.74, 3749534.85	5.30999	13.4036	12.7667	8.03E-02	2.03E-01	1.93E-01	9.41E-02	2.38E-01	2.26E-01	1.40E-01	3.52E-01	3.36E-01
2619	387527.74, 3749559.85	5.21964	13.1977	12.5708	7.89E-02	2.00E-01	1.90E-01	9.25E-02	2.34E-01	2.23E-01	1.37E-01	3.47E-01	3.30E-01
2620	387527.74, 3749584.85	5.12623	12.9758	12.3566	7.75E-02	1.96E-01	1.87E-01	9.08E-02	2.30E-01	2.19E-01	1.35E-01	3.41E-01	3.25E-01
2621	387527.74, 3749609.85	5.03511	12.7911	12.182	7.61E-02	1.93E-01	1.84E-01	8.92E-02	2.27E-01	2.16E-01	1.32E-01	3.36E-01	3.20E-01
2622	387527.74, 3749634.85	4.96262	12.6069	12.0072	7.50E-02	1.91E-01	1.82E-01	8.79E-02	2.23E-01	2.13E-01	1.30E-01	3.31E-01	3.16E-01
2623	387527.74, 3749659.85	4.90216	12.432	11.8625	7.41E-02	1.88E-01	1.79E-01	8.69E-02	2.20E-01	2.10E-01	1.29E-01	3.27E-01	3.12E-01
2624	387527.74, 3749684.85	4.82364	12.287	11.8818	7.29E-02	1.86E-01	1.80E-01	8.55E-02	2.18E-01	2.11E-01	1.27E-01	3.23E-01	3.12E-01
2625	387527.74, 3749709.85	4.76051	12.2512	12.0677	7.20E-02	1.85E-01	1.82E-01	8.44E-02	2.17E-01	2.14E-01	1.25E-01	3.22E-01	3.17E-01
2626	387527.74, 3749734.85	4.69793	12.1593	12.0335	7.10E-02	1.84E-01	1.82E-01	8.32E-02	2.15E-01	2.13E-01	1.24E-01	3.20E-01	3.16E-01
2627	387527.74, 3749759.85	4.635	12.1261	12.0046	7.01E-02	1.83E-01	1.82E-01	8.21E-02	2.15E-01	2.13E-01	1.22E-01	3.19E-01	3.16E-01
2628	387527.74, 3749784.85	4.55693	11.76	11.6097	6.89E-02	1.78E-01	1.76E-01	8.07E-02	2.08E-01	2.06E-01	1.20E-01	3.09E-01	3.05E-01
2629	387527.74, 3749809.85	4.48414	11.7303	11.6026	6.78E-02	1.77E-01	1.75E-01	7.95E-02	2.08E-01	2.06E-01	1.18E-01	3.08E-01	3.05E-01
2630	387527.74, 3749834.85	4.40825	11.6175	11.4695	6.67E-02	1.76E-01	1.73E-01	7.81E-02	2.06E-01	2.03E-01	1.16E-01	3.05E-01	3.02E-01
2631	387527.74, 3749859.85	4.34878	11.5459	11.4178	6.58E-02	1.75E-01	1.73E-01	7.71E-02	2.05E-01	2.02E-01	1.14E-01	3.04E-01	3.00E-01
2632	387527.74, 3749884.85	4.30459	11.4481	11.3558	6.51E-02	1.73E-01	1.72E-01	7.63E-02	2.03E-01	2.01E-01	1.13E-01	3.01E-01	2.99E-01
2633	387527.74, 3749909.85	4.23231	11.4762	11.306	6.40E-02	1.74E-01	1.71E-01	7.50E-02	2.03E-01	2.00E-01	1.11E-01	3.02E-01	2.97E-01
2634	387527.74, 3749934.85	4.17685	11.307	11.1254	6.32E-02	1.71E-01	1.68E-01	7.40E-02	2.00E-01	1.97E-01	1.10E-01	2.97E-01	2.92E-01
2635	387527.74, 3749959.85	4.13419	11.1414	11.0327	6.25E-02	1.68E-01	1.67E-01	7.33E-02	1.97E-01	1.95E-01	1.09E-01	2.93E-01	2.90E-01
2636	387527.74, 3749984.85	4.08893	11.0987	10.9893	6.18E-02	1.68E-01	1.66E-01	7.25E-02	1.97E-01	1.95E-01	1.07E-01	2.92E-01	2.89E-01
2637	387527.74, 3750009.85	4.03927	11.0006	10.9004	6.11E-02	1.66E-01	1.65E-01	7.16E-02	1.95E-01	1.93E-01	1.06E-01	2.89E-01	2.87E-01
2638	387527.74, 3750034.85	3.98794	11.0112	10.8726	6.03E-02	1.66E-01	1.64E-01	7.07E-02	1.95E-01	1.93E-01	1.05E-01	2.89E-01	2.86E-01
2639	387527.74, 3750059.85	3.92251	10.3935	10.2316	5.93E-02	1.57E-01	1.55E-01	6.95E-02	1.84E-01	1.81E-01	1.03E-01	2.73E-01	2.69E-01
2640	387527.74, 3750084.85	3.87711	10.5956	10.4125	5.86E-02	1.60E-01	1.57E-01	6.87E-02	1.88E-01	1.85E-01	1.02E-01	2.79E-01	2.74E-01
2641	387527.74, 3750109.85	3.83073	10.3097	10.1504	5.79E-02	1.56E-01	1.53E-01	6.79E-02	1.83E-01	1.80E-01	1.01E-01	2.71E-01	2.67E-01
2642	387527.74, 3750134.85	3.79618	10.3377	10.2411	5.74E-02	1.56E-01	1.55E-01	6.73E-02	1.83E-01	1.81E-01	9.98E-02	2.72E-01	2.69E-01
2643	387527.74, 3750159.85	3.76118	10.3869	10.2804	5.69E-02	1.57E-01	1.55E-01	6.66E-02	1.84E-01	1.82E-01	9.89E-02	2.73E-01	2.70E-01
2644	387527.74, 3750184.85	3.7176	10.2578	10.1524	5.62E-02	1.55E-01	1.54E-01	6.59E-02	1.82E-01	1.80E-01	9.77E-02	2.70E-01	2.67E-01
2645	387527.74, 3750209.85	3.66357	10.2989	10.1649	5.54E-02	1.56E-01	1.54E-01	6.49E-02	1.82E-01	1.80E-01	9.63E-02	2.71E-01	2.67E-01
2646	387527.74, 3750234.85	3.62111	10.2022	10.0308	5.48E-02	1.54E-01	1.52E-01	6.42E-02	1.81E-01	1.78E-01	9.52E-02	2.68E-01	2.64E-01
2647	387527.74, 3750259.85	3.57131	9.7903	9.63503	5.40E-02	1.48E-01	1.46E-01	6.33E-02	1.73E-01	1.71E-01	9.39E-02	2.57E-01	2.53E-01
2648	387527.74, 3750284.85	3.527	9.78854	9.60311	5.33E-02	1.48E-01	1.45E-01	6.25E-02	1.73E-01	1.70E-01	9.27E-02	2.57E-01	2.52E-01
2649	387527.74, 3750309.85	3.48112	9.52988	9.33768	5.26E-02	1.44E-01	1.41E-01	6.17E-02	1.69E-01	1.65E-01	9.15E-02	2.51E-01	2.45E-01
2650	387527.74, 3750334.85	3.44811	9.26148	9.09942	5.21E-02	1.40E-01	1.38E-01	6.11E-02	1.64E-01	1.61E-01	9.07E-02	2.43E-01	2.39E-01
2651	387527.74, 3750359.85	3.41447	9.17895	9.02557	5.16E-02	1.39E-01	1.36E-01	6.05E-02	1.63E-01	1.60E-01	8.98E-02	2.41E-01	2.37E-01
2652	387527.74, 3750384.85	3.37703	8.89796	8.74435	5.11E-02	1.35E-01	1.32E-01	5.98E-02	1.58E-01	1.55E-01	8.88E-02	2.34E-01	2.30E-01
2653	387527.74, 3750409.85	3.34533	8.83371	8.71703	5.06E-02	1.34E-01	1.32E-01	5.93E-02	1.57E-01	1.54E-01	8.79E-02	2.32E-01	2.29E-01
2654	387527.74, 3750434.85	3.31615	8.8037	8.71498	5.01E-02	1.33E-01	1.32E-01	5.88E-02	1.56E-01	1.54E-01	8.72E-02	2.31E-01	2.29E-01
2655	387527.74, 3750459.85	3.29128	8.81299	8.74359	4.98E-02	1.33E-01	1.32E-01	5.83E-02	1.56E-01	1.55E-01	8.65E-02	2.32E-01	2.30E-01
2656	387527.74, 3750484.85	3.25723	8.75735	8.70258	4.93E-02	1.32E-01	1.32E-01	5.77E-02	1.55E-01	1.54E-01	8.56E-02	2.30E-01	2.29E-01
2657	387527.74, 3750509.85	3.21908	8.66647	8.60151	4.87E-02	1.31E-01	1.30E-01	5.70E-02	1.54E-01	1.52E-01	8.46E-02	2.28E-01	2.26E-01
2658	387527.74, 3750534.85	3.19383	8.79236	8.72807	4.83E-02	1.33E-01	1.32E-01	5.66E-02	1.56E-01	1.55E-01	8.40E-02	2.31E-01	2.29E-01
2659	387527.74, 3750559.85	3.15412	8.56803	8.50272	4.77E-02	1.30E-01	1.29E-01	5.59E-02	1.52E-01	1.51E-01	8.29E-02	2.25E-01	2.24E-01
2660	387527.74, 3750584.85	3.12338	8.49007	8.42004	4.72E-02	1.28E-01	1.27E-01	5.53E-02	1.50E-01	1.49E-01	8.21E-02	2.23E-01	2.21E-01
2661	387527.74, 3750609.85	3.10485	8.72269	8.63997	4.69E-02	1.32E-01	1.31E-01	5.50E-02	1.55E-01	1.53E-01	8.16E-02	2.29E-01	2.27E-01
2662	387527.74, 3750634.85	3.07395	8.75644	8.66131	4.65E-02	1.32E-01	1.31E-01	5.45E-02	1.55E-01	1.53E-01	8.08E-02	2.30E-01	2.28E-01
2663	387527.74, 3750659.85	3.031	8.31214	8.22702	4.58E-02	1.26E-01	1.24E-01	5.37E-02	1.47E-01	1.46E-01	7.97E-02	2.19E-01	2.16E-01
2664	387527.74, 3750684.85	2.99626	8.22506	8.10274	4.53E-02	1.24E-01	1.23E-01	5.31E-02	1.46E-01	1.44E-01	7.88E-02	2.16E-01	2.13E-01
2665	387552.74, 3748984.85	5.61372	14.7475	13.91	8.49E-02	2.23E-01	2.10E-01	9.95E-02	2.61E-01	2.46E-01	1.48E-01	3.88E-01	3.66E-01
2666	387552.74, 3749009.85	5.82601	13.8407	13.1786	8.81E-02	2.09E-01	1.99E-01	1.03E-01	2.45E-01	2.34E-01	1.53E-01	3.64E-01	3.46E-01
2667	387552.74, 3749034.85	5.87713	14.0586	13.3901	8.89E-02	2.13E-01	2.02E-01	1.04E-01	2.49E-01	2.37E-01	1.55E-01	3.70E-01	3.52E-01
2668	387552.74, 3749059.85	5.93457	14.1871	13.5198	8.97E-02	2.15E-01	2.04E-01	1.05E-01	2.51E-01	2.40E-01	1.56E-01	3.73E-01	3.55E-01
2669	387552.74, 3749084.85	5.89823	14.1991	13.5321	8.92E-02	2.15E-01	2.05E-01	1.05E-01	2.52E-01	2.40E-01	1.55E-01	3.73E-01	3.56E-01
2670	387552.74, 3749109.85	5.84313	14.1574	13.4932	8.84E-02	2.14E-01	2.04E-01	1.04E-01	2.51E-01	2.39E-01	1.54E-01	3.72E-01	3.55E-01
2671	387552.74, 3749134.85	5.77277	14.0761	13.4164	8.73E-02	2.13E-01	2.03E-01	1.02E-01	2.49E-01	2.38E-01	1.52E-01	3.70E-01	3.53E-01
2672	387552.74, 3749159.85	5.69913	13.9692	13.3159	8.62E-02	2.11E-01	2.01E-01	1.01E-01	2.48E-01	2.36E-01	1.50E-01	3.67E-01	3.50E-01
2673	387552.74, 3749184.85	5.62181	13.8429	13.1966	8.50E-02	2.09E-01	2.00E-01	9.96E-02	2.45E-01	2.34E-01	1.48E-01	3.64E-01	3.47E-01
2674	387552.74, 3749209.85	5.53643	13.7016	13.0617	8.37E-02	2.07E-01	1.97E-01	9.81E-02	2.43E-01	2.31E-01	1.46E-01	3.60E-01	3.43E-01
2675	387552.74, 3749234.85	5.45155	13.5519	12.919	8.24E-02	2.05E-01	1.95E-01	9.66E-02	2.40E-01	2.29E-01	1.43E-01	3.56E-01	3.40E-01
2676	387552.74, 3749259.85	5.35749	13.3899	12.7638	8.10E-02	2.02E-01	1.93E-01	9.49E-02	2.37E-01	2.26E-01	1.41E-01	3.52E-01	3.36E-01
2677	387552.74, 3749284.85	5.26462	13.2192	12.6005	7.96E-02	2.00E-01	1.91E-01	9.33E-02	2.34E-01	2.23E-01	1.38E-01	3.48E-01	3.31E-01
2678	387552.74, 3749309.85	5.20103	13.0777	12.4671	7.86E-02	1.98E-01	1.89E-01	9.22E-02	2.32E-01	2.21E-01	1.37E-01	3.44E-01	3.28E-01
2679	387552.74, 3749334.85	5.11832	12.9147	12.3117	7.74E-02	1.95E-01	1.86E-01	9.07E-02	2.29E-01	2.18E-01	1.35E-01	3.40E-01	3.24E-01
2680	387552.74, 3749359.85	5.04322	12.7567	12.1614	7.63E-02	1.93E-01	1.84E-01	8.94E-02	2.26E-01	2.15E-01	1.33E-01	3.35E-01	3.20E-01
2681	387552.74, 3749384.85	4.98131	12.5661	11.9774	7.53E-02	1.90E-01	1.81E-01	8.83E-02	2.23E-01	2.12E-01	1.31E-01	3.30E-01	3.15E-01
2682	387552.74, 3749409.85	4.90978	12.3951	11.8136	7.42E-02	1.87E-01	1.79E-01	8.70E-02	2.20E-01	2.09E-01	1.29E-01	3.26E-01	3.11E-01
2683	387552.74, 3749434.85	4.84128	12.2264	11.6519	7.32E-02	1.85E-01	1.76E-01	8.58E-02	2.17E-01	2.06E-01	1.27E-01	3.21E-01	3.06E-01
2684	387552.74, 3749459.85	4.7881	12.0779	11.5107	7.24E-02	1.83E-01	1.74E-01	8.48E-02	2.14E-01	2.04E-01	1.26E-01	3.18E-01	3.03E-01
2685	387552.74, 3749484.85	4.72814	11.9337	11.3737	7.15E-02	1.80E-01	1.72E-01	8.38E-02	2.11E-01	2.02E-01	1.24E-01	3.14E-01	2.99E-01
2686	387552.74, 3749509.85	4.66378	11.7824	11.2293	7.05E-02	1.78E-01	1.70E-01	8.26E-02	2.09E-01	1.99E-01	1.23E-01	3.10E-01	2.95E-01
2687	387552.74, 3749534.85	4.5985	11.6329	11.0865	6.95E-02	1.76E-01	1.68E-01	8.15E-02	2.06E-01	1.96E-01	1.21E-01	3.06E-01	2.91E-01
2688	387552.74, 3749559.85	4.52825	11.4842	10.9442	6.85E-02	1.74E-01	1.65E-01	8.02E-02	2.03E-01	1.94E-01	1.19E-01	3.02E-01	2.88E-01
2689	387552.74, 3749584.85	4.47283	11.33	10.7962	6.76E-02	1.71E-01	1.63E-01	7.93E-02	2.01E-01	1.91E-01	1.18E-01	2.98E-01	2.84E-01
2690	387552.74, 3749609.85	4.4114	11.1906	10.6632	6.67E-02	1.69E-01	1.61E-01	7.82E-02	1.98E-01	1.89E-01	1.16E-01	2.94E-01	2.80E-01

2691	387552.74, 3749634.85	4.35375	11.0531	10.5319	6.58E-02	1.67E-01	1.59E-01	7.71E-02	1.96E-01	1.87E-01	1.14E-01	2.91E-01	2.77E-01
2692	387552.74, 3749659.85	4.31379	10.9367	10.5357	6.52E-02	1.65E-01	1.59E-01	7.64E-02	1.94E-01	1.87E-01	1.13E-01	2.88E-01	2.77E-01
2693	387552.74, 3749684.85	4.25463	10.9139	10.6539	6.43E-02	1.65E-01	1.61E-01	7.54E-02	1.93E-01	1.89E-01	1.12E-01	2.87E-01	2.80E-01
2694	387552.74, 3749709.85	4.21079	11.0464	10.8725	6.37E-02	1.67E-01	1.64E-01	7.46E-02	1.96E-01	1.93E-01	1.11E-01	2.90E-01	2.86E-01
2695	387552.74, 3749734.85	4.16769	11.0928	10.9712	6.30E-02	1.68E-01	1.66E-01	7.38E-02	1.97E-01	1.94E-01	1.10E-01	2.92E-01	2.88E-01
2696	387552.74, 3749759.85	4.11976	10.9848	10.8804	6.23E-02	1.66E-01	1.65E-01	7.30E-02	1.95E-01	1.93E-01	1.08E-01	2.89E-01	2.86E-01
2697	387552.74, 3749784.85	4.06661	10.8282	10.724	6.15E-02	1.64E-01	1.62E-01	7.21E-02	1.92E-01	1.90E-01	1.07E-01	2.85E-01	2.82E-01
2698	387552.74, 3749809.85	4.00788	10.702	10.5859	6.06E-02	1.62E-01	1.60E-01	7.10E-02	1.90E-01	1.88E-01	1.05E-01	2.81E-01	2.78E-01
2699	387552.74, 3749834.85	3.95642	10.8122	10.7131	5.98E-02	1.63E-01	1.62E-01	7.01E-02	1.92E-01	1.90E-01	1.04E-01	2.84E-01	2.82E-01
2700	387552.74, 3749859.85	3.90126	10.5379	10.4258	5.90E-02	1.59E-01	1.58E-01	6.91E-02	1.87E-01	1.85E-01	1.03E-01	2.77E-01	2.74E-01
2701	387552.74, 3749884.85	3.86827	10.4972	10.4068	5.85E-02	1.59E-01	1.57E-01	6.85E-02	1.86E-01	1.84E-01	1.02E-01	2.76E-01	2.74E-01
2702	387552.74, 3749909.85	3.81491	10.3579	10.2653	5.77E-02	1.57E-01	1.55E-01	6.76E-02	1.84E-01	1.82E-01	1.00E-01	2.72E-01	2.70E-01
2703	387552.74, 3749934.85	3.77354	10.3045	10.2149	5.71E-02	1.56E-01	1.54E-01	6.69E-02	1.83E-01	1.81E-01	9.92E-02	2.71E-01	2.69E-01
2704	387552.74, 3749959.85	3.71569	10.2418	10.1089	5.62E-02	1.55E-01	1.53E-01	6.58E-02	1.81E-01	1.79E-01	9.77E-02	2.69E-01	2.66E-01
2705	387552.74, 3749984.85	3.68822	10.1654	10.0745	5.58E-02	1.54E-01	1.52E-01	6.54E-02	1.80E-01	1.79E-01	9.70E-02	2.67E-01	2.65E-01
2706	387552.74, 3750009.85	3.63662	9.98715	9.8548	5.50E-02	1.51E-01	1.49E-01	6.44E-02	1.77E-01	1.75E-01	9.56E-02	2.63E-01	2.59E-01
2707	387552.74, 3750034.85	3.59521	9.73452	9.61522	5.44E-02	1.47E-01	1.45E-01	6.37E-02	1.72E-01	1.70E-01	9.45E-02	2.56E-01	2.53E-01
2708	387552.74, 3750059.85	3.55743	9.62575	9.48706	5.38E-02	1.46E-01	1.43E-01	6.30E-02	1.71E-01	1.68E-01	9.35E-02	2.53E-01	2.49E-01
2709	387552.74, 3750084.85	3.51357	9.42158	9.27015	5.31E-02	1.42E-01	1.40E-01	6.23E-02	1.67E-01	1.64E-01	9.24E-02	2.48E-01	2.44E-01
2710	387552.74, 3750109.85	3.47679	9.22616	9.09193	5.26E-02	1.40E-01	1.37E-01	6.16E-02	1.63E-01	1.61E-01	9.14E-02	2.43E-01	2.39E-01
2711	387552.74, 3750134.85	3.44018	9.09633	9.00214	5.20E-02	1.38E-01	1.36E-01	6.10E-02	1.61E-01	1.60E-01	9.04E-02	2.39E-01	2.37E-01
2712	387552.74, 3750159.85	3.40679	9.01971	8.93546	5.15E-02	1.36E-01	1.35E-01	6.04E-02	1.60E-01	1.58E-01	8.96E-02	2.37E-01	2.35E-01
2713	387552.74, 3750184.85	3.37266	8.96134	8.8711	5.10E-02	1.36E-01	1.34E-01	5.98E-02	1.59E-01	1.57E-01	8.87E-02	2.36E-01	2.33E-01
2714	387552.74, 3750209.85	3.33294	8.99072	8.87562	5.04E-02	1.36E-01	1.34E-01	5.91E-02	1.59E-01	1.57E-01	8.76E-02	2.36E-01	2.33E-01
2715	387552.74, 3750234.85	3.3004	9.03791	8.91975	4.99E-02	1.37E-01	1.35E-01	5.85E-02	1.60E-01	1.58E-01	8.68E-02	2.38E-01	2.35E-01
2716	387552.74, 3750259.85	3.27329	9.32775	9.1907	4.95E-02	1.41E-01	1.39E-01	5.80E-02	1.65E-01	1.63E-01	8.61E-02	2.45E-01	2.42E-01
2717	387552.74, 3750284.85	3.23762	9.15257	8.99022	4.90E-02	1.38E-01	1.36E-01	5.74E-02	1.62E-01	1.59E-01	8.51E-02	2.41E-01	2.36E-01
2718	387552.74, 3750309.85	3.19925	8.97542	8.79275	4.84E-02	1.36E-01	1.33E-01	5.67E-02	1.59E-01	1.56E-01	8.41E-02	2.36E-01	2.31E-01
2719	387552.74, 3750334.85	3.16603	8.74729	8.56401	4.79E-02	1.32E-01	1.29E-01	5.61E-02	1.55E-01	1.52E-01	8.32E-02	2.30E-01	2.25E-01
2720	387552.74, 3750359.85	3.13723	8.54693	8.38919	4.74E-02	1.29E-01	1.27E-01	5.56E-02	1.51E-01	1.49E-01	8.25E-02	2.25E-01	2.21E-01
2721	387552.74, 3750384.85	3.10806	8.36641	8.2447	4.70E-02	1.27E-01	1.25E-01	5.51E-02	1.48E-01	1.46E-01	8.17E-02	2.20E-01	2.17E-01
2722	387552.74, 3750409.85	3.07752	8.22489	8.13321	4.65E-02	1.24E-01	1.23E-01	5.45E-02	1.46E-01	1.44E-01	8.09E-02	2.16E-01	2.14E-01
2723	387552.74, 3750434.85	3.05506	8.25829	8.1746	4.62E-02	1.25E-01	1.24E-01	5.41E-02	1.46E-01	1.45E-01	8.03E-02	2.17E-01	2.15E-01
2724	387552.74, 3750459.85	3.0254	8.13091	8.08068	4.57E-02	1.23E-01	1.22E-01	5.36E-02	1.44E-01	1.43E-01	7.95E-02	2.14E-01	2.12E-01
2725	387552.74, 3750484.85	2.99697	8.06434	8.01045	4.53E-02	1.22E-01	1.21E-01	5.31E-02	1.43E-01	1.42E-01	7.88E-02	2.12E-01	2.11E-01
2726	387577.74, 3748984.85	4.5615	10.7123	10.2504	6.90E-02	1.62E-01	1.55E-01	8.08E-02	1.90E-01	1.82E-01	1.20E-01	2.82E-01	2.69E-01
2727	387577.74, 3749009.85	4.71594	11.086	10.5699	7.13E-02	1.68E-01	1.60E-01	8.36E-02	1.96E-01	1.87E-01	1.24E-01	2.91E-01	2.78E-01
2728	387577.74, 3749034.85	4.79027	11.3417	10.8149	7.24E-02	1.71E-01	1.64E-01	8.49E-02	2.01E-01	1.92E-01	1.26E-01	2.98E-01	2.84E-01
2729	387577.74, 3749059.85	4.80683	11.5018	10.9645	7.27E-02	1.74E-01	1.66E-01	8.52E-02	2.04E-01	1.94E-01	1.26E-01	3.02E-01	2.88E-01
2730	387577.74, 3749084.85	4.82203	11.6071	11.0696	7.29E-02	1.76E-01	1.67E-01	8.54E-02	2.06E-01	1.96E-01	1.27E-01	3.05E-01	2.91E-01
2731	387577.74, 3749109.85	4.80509	11.6541	11.1142	7.27E-02	1.76E-01	1.68E-01	8.51E-02	2.07E-01	1.97E-01	1.26E-01	3.06E-01	2.92E-01
2732	387577.74, 3749134.85	4.77889	11.6649	11.1249	7.23E-02	1.76E-01	1.68E-01	8.47E-02	2.07E-01	1.97E-01	1.26E-01	3.07E-01	2.92E-01
2733	387577.74, 3749159.85	4.74403	11.6476	11.1091	7.17E-02	1.76E-01	1.68E-01	8.41E-02	2.06E-01	1.97E-01	1.25E-01	3.06E-01	2.92E-01
2734	387577.74, 3749184.85	4.70239	11.607	11.0699	7.11E-02	1.76E-01	1.67E-01	8.33E-02	2.06E-01	1.96E-01	1.24E-01	3.05E-01	2.91E-01
2735	387577.74, 3749209.85	4.6571	11.5509	11.0167	7.04E-02	1.75E-01	1.67E-01	8.25E-02	2.05E-01	1.95E-01	1.22E-01	3.04E-01	2.90E-01
2736	387577.74, 3749234.85	4.60873	11.4819	10.9509	6.97E-02	1.74E-01	1.66E-01	8.17E-02	2.03E-01	1.94E-01	1.21E-01	3.02E-01	2.88E-01
2737	387577.74, 3749259.85	4.55296	11.3993	10.8705	6.88E-02	1.72E-01	1.64E-01	8.07E-02	2.02E-01	1.93E-01	1.20E-01	3.00E-01	2.86E-01
2738	387577.74, 3749284.85	4.49262	11.3003	10.7732	6.79E-02	1.71E-01	1.63E-01	7.96E-02	2.00E-01	1.91E-01	1.18E-01	2.97E-01	2.83E-01
2739	387577.74, 3749309.85	4.44884	11.2211	10.7004	6.73E-02	1.70E-01	1.62E-01	7.88E-02	1.99E-01	1.90E-01	1.17E-01	2.95E-01	2.81E-01
2740	387577.74, 3749334.85	4.39547	11.1237	10.6067	6.65E-02	1.68E-01	1.60E-01	7.79E-02	1.97E-01	1.88E-01	1.16E-01	2.92E-01	2.79E-01
2741	387577.74, 3749359.85	4.346	11.0256	10.5137	6.57E-02	1.67E-01	1.59E-01	7.70E-02	1.95E-01	1.86E-01	1.14E-01	2.90E-01	2.76E-01
2742	387577.74, 3749384.85	4.2902	10.9185	10.4089	6.49E-02	1.65E-01	1.57E-01	7.60E-02	1.93E-01	1.84E-01	1.13E-01	2.87E-01	2.74E-01
2743	387577.74, 3749409.85	4.2661	10.7904	10.2865	6.45E-02	1.63E-01	1.56E-01	7.56E-02	1.91E-01	1.82E-01	1.12E-01	2.84E-01	2.70E-01
2744	387577.74, 3749434.85	4.22825	10.6863	10.1872	6.39E-02	1.62E-01	1.54E-01	7.49E-02	1.89E-01	1.81E-01	1.11E-01	2.81E-01	2.68E-01
2745	387577.74, 3749459.85	4.18503	10.5815	10.0872	6.33E-02	1.60E-01	1.53E-01	7.42E-02	1.87E-01	1.79E-01	1.10E-01	2.78E-01	2.65E-01
2746	387577.74, 3749484.85	4.13473	10.4869	9.99753	6.25E-02	1.59E-01	1.51E-01	7.33E-02	1.86E-01	1.77E-01	1.09E-01	2.76E-01	2.63E-01
2747	387577.74, 3749509.85	4.07546	10.3865	9.90178	6.16E-02	1.57E-01	1.50E-01	7.22E-02	1.84E-01	1.75E-01	1.07E-01	2.73E-01	2.60E-01
2748	387577.74, 3749534.85	4.04117	10.2806	9.80082	6.11E-02	1.55E-01	1.48E-01	7.16E-02	1.82E-01	1.74E-01	1.06E-01	2.70E-01	2.58E-01
2749	387577.74, 3749559.85	4.0045	10.1755	9.70032	6.06E-02	1.54E-01	1.47E-01	7.10E-02	1.80E-01	1.72E-01	1.05E-01	2.68E-01	2.55E-01
2750	387577.74, 3749584.85	3.96211	10.0595	9.58878	5.99E-02	1.52E-01	1.45E-01	7.02E-02	1.78E-01	1.70E-01	1.04E-01	2.64E-01	2.52E-01
2751	387577.74, 3749609.85	3.92461	9.96418	9.49815	5.93E-02	1.51E-01	1.44E-01	6.95E-02	1.77E-01	1.68E-01	1.03E-01	2.62E-01	2.50E-01
2752	387577.74, 3749634.85	3.88175	9.85866	9.42946	5.87E-02	1.49E-01	1.43E-01	6.88E-02	1.75E-01	1.67E-01	1.02E-01	2.59E-01	2.48E-01
2753	387577.74, 3749659.85	3.84666	9.79052	9.48971	5.82E-02	1.48E-01	1.43E-01	6.82E-02	1.73E-01	1.68E-01	1.01E-01	2.57E-01	2.49E-01
2754	387577.74, 3749684.85	3.80866	9.80769	9.65334	5.76E-02	1.48E-01	1.46E-01	6.75E-02	1.74E-01	1.71E-01	1.00E-01	2.58E-01	2.54E-01
2755	387577.74, 3749709.85	3.77515	10.011	9.89749	5.71E-02	1.51E-01	1.50E-01	6.69E-02	1.77E-01	1.75E-01	9.92E-02	2.63E-01	2.60E-01
2756	387577.74, 3749734.85	3.74092	9.96481	9.8805	5.66E-02	1.51E-01	1.49E-01	6.63E-02	1.77E-01	1.75E-01	9.83E-02	2.62E-01	2.60E-01
2757	387577.74, 3749759.85	3.70412	9.88132	9.80477	5.60E-02	1.49E-01	1.48E-01	6.56E-02	1.75E-01	1.74E-01	9.74E-02	2.60E-01	2.58E-01
2758	387577.74, 3749784.85	3.66424	9.76158	9.67349	5.54E-02	1.48E-01	1.46E-01	6.49E-02	1.73E-01	1.71E-01	9.63E-02	2.57E-01	2.54E-01
2759	387577.74, 3749809.85	3.62934	9.90652	9.82064	5.49E-02	1.50E-01	1.48E-01	6.43E-02	1.76E-01	1.74E-01	9.54E-02	2.60E-01	2.58E-01
2760	387577.74, 3749834.85	3.58565	9.80521	9.72645	5.42E-02	1.48E-01	1.47E-01	6.35E-02	1.74E-01	1.72E-01	9.43E-02	2.58E-01	2.56E-01
2761	387577.74, 3749859.85	3.54326	9.74074	9.66202	5.36E-02	1.47E-01	1.46E-01	6.28E-02	1.73E-01	1.71E-01	9.32E-02	2.56E-01	2.54E-01
2762	387577.74, 3749884.85	3.50649	9.67018	9.59298	5.30E-02	1.46E-01	1.45E-01	6.21E-02	1.71E-01	1.70E-01	9.22E-02	2.54E-01	2.52E-01
2763	387577.74, 3749909.85	3.47234	9.61388	9.53839	5.25E-02	1.45E-01	1.44E-01	6.15E-02	1.70E-01	1.69E-01	9.13E-02	2.53E-01	2.51E-01
2764	387577.74, 3749934.85	3.43678	9.55258	9.47822	5.20E-02	1.44E-01	1.43E-01	6.09E-02	1.69E-01	1.68E-01	9.04E-02	2.51E-01	2.49E-01
2765	387577.74, 3749959.85	3.40212	9.53523	9.45842	5.14E-02	1.44E-01	1.43E-01	6.03E-02	1.69E-01	1.68E-01	8.94E-02	2.51E-01	2.49E-01
2766	387577.74, 3749984.85	3.35541	9.35002	9.25722	5.07E-02	1.41E-01	1.40E-01	5.95E-02	1.66E-01	1.64E-01	8.82E-02	2.46E-01	2.43E-01
2767	387577.74, 3750009.85	3.31862	9.26624	9.15281	5.02E-02	1.40E-01	1.38E-01	5.88E-02	1.64E-01	1.62E-01	8.72E-02	2.44E-01	2.41E-01

2768	387577.74, 3750034.85	3.28334	9.15675	9.0253	4.96E-02	1.38E-01	1.36E-01	5.82E-02	1.62E-01	1.60E-01	8.63E-02	2.41E-01	2.37E-01
2769	387577.74, 3750059.85	3.24889	9.00296	8.85667	4.91E-02	1.36E-01	1.34E-01	5.76E-02	1.60E-01	1.57E-01	8.54E-02	2.37E-01	2.33E-01
2770	387577.74, 3750084.85	3.21316	8.79094	8.65682	4.86E-02	1.33E-01	1.31E-01	5.69E-02	1.56E-01	1.53E-01	8.45E-02	2.31E-01	2.28E-01
2771	387577.74, 3750109.85	3.18042	8.6383	8.50717	4.81E-02	1.31E-01	1.29E-01	5.64E-02	1.53E-01	1.51E-01	8.36E-02	2.27E-01	2.24E-01
2772	387577.74, 3750134.85	3.14822	8.50895	8.38522	4.76E-02	1.29E-01	1.27E-01	5.58E-02	1.51E-01	1.49E-01	8.28E-02	2.24E-01	2.20E-01
2773	387577.74, 3750159.85	3.12662	8.40919	8.32757	4.73E-02	1.27E-01	1.26E-01	5.54E-02	1.49E-01	1.48E-01	8.22E-02	2.21E-01	2.19E-01
2774	387577.74, 3750184.85	3.09643	8.34501	8.27189	4.68E-02	1.26E-01	1.25E-01	5.49E-02	1.48E-01	1.47E-01	8.14E-02	2.19E-01	2.17E-01
2775	387577.74, 3750209.85	3.06929	8.56017	8.45792	4.64E-02	1.29E-01	1.28E-01	5.44E-02	1.52E-01	1.50E-01	8.07E-02	2.25E-01	2.22E-01
2776	387577.74, 3750234.85	3.04183	8.66086	8.5474	4.60E-02	1.31E-01	1.29E-01	5.39E-02	1.53E-01	1.51E-01	8.00E-02	2.28E-01	2.25E-01
2777	387577.74, 3750259.85	3.00967	8.5738	8.42707	4.55E-02	1.30E-01	1.27E-01	5.33E-02	1.52E-01	1.49E-01	7.91E-02	2.25E-01	2.22E-01
2778	387577.74, 3750284.85	2.97317	7.90431	7.70605	4.50E-02	1.20E-01	1.17E-01	5.27E-02	1.40E-01	1.37E-01	7.82E-02	2.08E-01	2.03E-01
2779	387577.74, 3750309.85	2.95735	8.46076	8.29043	4.47E-02	1.28E-01	1.25E-01	5.24E-02	1.50E-01	1.47E-01	7.77E-02	2.22E-01	2.18E-01
2780	387602.74, 3748984.85	3.71284	8.98456	8.65319	5.61E-02	1.36E-01	1.31E-01	6.58E-02	1.59E-01	1.53E-01	9.76E-02	2.36E-01	2.27E-01
2781	387602.74, 3749009.85	3.88572	9.27712	8.92762	5.88E-02	1.40E-01	1.35E-01	6.89E-02	1.64E-01	1.58E-01	1.02E-01	2.44E-01	2.35E-01
2782	387602.74, 3749034.85	3.98512	9.47604	9.09613	6.03E-02	1.43E-01	1.38E-01	7.06E-02	1.68E-01	1.61E-01	1.05E-01	2.49E-01	2.39E-01
2783	387602.74, 3749059.85	4.03896	9.66073	9.22679	6.11E-02	1.46E-01	1.40E-01	7.16E-02	1.71E-01	1.63E-01	1.06E-01	2.54E-01	2.43E-01
2784	387602.74, 3749084.85	4.06544	9.79439	9.34408	6.15E-02	1.48E-01	1.41E-01	7.20E-02	1.74E-01	1.66E-01	1.07E-01	2.57E-01	2.46E-01
2785	387602.74, 3749109.85	4.06972	9.88347	9.42724	6.15E-02	1.49E-01	1.43E-01	7.21E-02	1.75E-01	1.67E-01	1.07E-01	2.60E-01	2.48E-01
2786	387602.74, 3749134.85	4.06614	9.94032	9.48181	6.15E-02	1.50E-01	1.43E-01	7.21E-02	1.76E-01	1.68E-01	1.07E-01	2.61E-01	2.49E-01
2787	387602.74, 3749159.85	4.05734	9.97197	9.51368	6.13E-02	1.51E-01	1.44E-01	7.19E-02	1.77E-01	1.69E-01	1.07E-01	2.62E-01	2.50E-01
2788	387602.74, 3749184.85	4.0362	9.97924	9.51995	6.10E-02	1.51E-01	1.44E-01	7.15E-02	1.77E-01	1.69E-01	1.06E-01	2.62E-01	2.50E-01
2789	387602.74, 3749209.85	4.01106	9.96964	9.51035	6.06E-02	1.51E-01	1.44E-01	7.11E-02	1.77E-01	1.69E-01	1.05E-01	2.62E-01	2.50E-01
2790	387602.74, 3749234.85	3.98497	9.94784	9.49013	6.03E-02	1.50E-01	1.43E-01	7.06E-02	1.76E-01	1.68E-01	1.05E-01	2.62E-01	2.49E-01
2791	387602.74, 3749259.85	3.95301	9.91297	9.45598	5.98E-02	1.50E-01	1.43E-01	7.00E-02	1.76E-01	1.68E-01	1.04E-01	2.61E-01	2.49E-01
2792	387602.74, 3749284.85	3.91605	9.86726	9.41053	5.92E-02	1.49E-01	1.42E-01	6.94E-02	1.75E-01	1.67E-01	1.03E-01	2.59E-01	2.47E-01
2793	387602.74, 3749309.85	3.88403	9.81843	9.36438	5.87E-02	1.48E-01	1.42E-01	6.88E-02	1.74E-01	1.66E-01	1.02E-01	2.58E-01	2.46E-01
2794	387602.74, 3749334.85	3.85464	9.76578	9.3156	5.83E-02	1.48E-01	1.41E-01	6.83E-02	1.73E-01	1.65E-01	1.01E-01	2.57E-01	2.45E-01
2795	387602.74, 3749359.85	3.81821	9.70372	9.25518	5.77E-02	1.47E-01	1.40E-01	6.77E-02	1.72E-01	1.64E-01	1.00E-01	2.55E-01	2.43E-01
2796	387602.74, 3749384.85	3.78141	9.63727	9.19045	5.72E-02	1.46E-01	1.39E-01	6.70E-02	1.71E-01	1.63E-01	9.94E-02	2.53E-01	2.42E-01
2797	387602.74, 3749409.85	3.7482	9.56923	9.12486	5.67E-02	1.45E-01	1.38E-01	6.64E-02	1.70E-01	1.62E-01	9.85E-02	2.52E-01	2.40E-01
2798	387602.74, 3749434.85	3.71412	9.49674	9.05396	5.62E-02	1.44E-01	1.37E-01	6.58E-02	1.68E-01	1.60E-01	9.76E-02	2.50E-01	2.38E-01
2799	387602.74, 3749459.85	3.68284	9.42237	8.98218	5.57E-02	1.42E-01	1.36E-01	6.53E-02	1.67E-01	1.59E-01	9.68E-02	2.48E-01	2.36E-01
2800	387602.74, 3749484.85	3.65619	9.3493	8.91252	5.53E-02	1.41E-01	1.35E-01	6.48E-02	1.66E-01	1.58E-01	9.61E-02	2.46E-01	2.34E-01
2801	387602.74, 3749509.85	3.63232	9.27551	8.84218	5.49E-02	1.40E-01	1.34E-01	6.44E-02	1.64E-01	1.57E-01	9.55E-02	2.44E-01	2.32E-01
2802	387602.74, 3749534.85	3.60814	9.19894	8.76922	5.46E-02	1.39E-01	1.33E-01	6.39E-02	1.63E-01	1.55E-01	9.49E-02	2.42E-01	2.31E-01
2803	387602.74, 3749559.85	3.58349	9.12256	8.70244	5.42E-02	1.38E-01	1.32E-01	6.35E-02	1.62E-01	1.54E-01	9.42E-02	2.40E-01	2.29E-01
2804	387602.74, 3749584.85	3.55654	9.04565	8.63532	5.38E-02	1.37E-01	1.31E-01	6.30E-02	1.60E-01	1.53E-01	9.35E-02	2.38E-01	2.27E-01
2805	387602.74, 3749609.85	3.52752	8.97202	8.6032	5.33E-02	1.36E-01	1.30E-01	6.25E-02	1.59E-01	1.52E-01	9.27E-02	2.36E-01	2.26E-01
2806	387602.74, 3749634.85	3.49632	8.91004	8.59357	5.29E-02	1.35E-01	1.30E-01	6.20E-02	1.58E-01	1.52E-01	9.19E-02	2.34E-01	2.26E-01
2807	387602.74, 3749659.85	3.47017	8.90849	8.66765	5.25E-02	1.35E-01	1.31E-01	6.15E-02	1.58E-01	1.54E-01	9.12E-02	2.34E-01	2.28E-01
2808	387602.74, 3749684.85	3.44252	8.98688	8.84599	5.21E-02	1.36E-01	1.34E-01	6.10E-02	1.59E-01	1.57E-01	9.05E-02	2.36E-01	2.33E-01
2809	387602.74, 3749709.85	3.4189	9.20127	9.08659	5.17E-02	1.39E-01	1.37E-01	6.06E-02	1.63E-01	1.61E-01	8.99E-02	2.42E-01	2.39E-01
2810	387602.74, 3749734.85	3.39145	9.17134	9.09538	5.13E-02	1.39E-01	1.38E-01	6.01E-02	1.63E-01	1.61E-01	8.92E-02	2.41E-01	2.39E-01
2811	387602.74, 3749759.85	3.36162	9.09619	9.02543	5.08E-02	1.38E-01	1.36E-01	5.96E-02	1.61E-01	1.60E-01	8.84E-02	2.39E-01	2.37E-01
2812	387602.74, 3749784.85	3.33944	9.24934	9.17428	5.05E-02	1.40E-01	1.39E-01	5.92E-02	1.64E-01	1.63E-01	8.78E-02	2.43E-01	2.41E-01
2813	387602.74, 3749809.85	3.3062	9.15172	9.08115	5.00E-02	1.38E-01	1.37E-01	5.86E-02	1.62E-01	1.61E-01	8.69E-02	2.41E-01	2.39E-01
2814	387602.74, 3749834.85	3.27668	9.12837	9.05685	4.95E-02	1.38E-01	1.37E-01	5.81E-02	1.62E-01	1.60E-01	8.61E-02	2.40E-01	2.38E-01
2815	387602.74, 3749859.85	3.24305	9.06307	8.99118	4.90E-02	1.37E-01	1.36E-01	5.75E-02	1.61E-01	1.59E-01	8.53E-02	2.38E-01	2.36E-01
2816	387602.74, 3749884.85	3.20933	9.00007	8.92613	4.85E-02	1.36E-01	1.35E-01	5.69E-02	1.59E-01	1.58E-01	8.44E-02	2.37E-01	2.35E-01
2817	387602.74, 3749909.85	3.18229	8.96159	8.88363	4.81E-02	1.36E-01	1.34E-01	5.64E-02	1.59E-01	1.57E-01	8.37E-02	2.36E-01	2.34E-01
2818	387602.74, 3749934.85	3.14475	8.82579	8.73961	4.76E-02	1.33E-01	1.32E-01	5.57E-02	1.56E-01	1.55E-01	8.27E-02	2.32E-01	2.30E-01
2819	387602.74, 3749959.85	3.11868	8.8798	8.79723	4.72E-02	1.34E-01	1.33E-01	5.53E-02	1.57E-01	1.56E-01	8.20E-02	2.33E-01	2.31E-01
2820	387602.74, 3749984.85	3.09344	8.84401	8.76698	4.68E-02	1.34E-01	1.33E-01	5.48E-02	1.57E-01	1.55E-01	8.13E-02	2.33E-01	2.30E-01
2821	387602.74, 3750009.85	3.06514	8.76875	8.68882	4.63E-02	1.33E-01	1.31E-01	5.43E-02	1.55E-01	1.54E-01	8.06E-02	2.31E-01	2.28E-01
2822	387602.74, 3750034.85	3.02089	8.57235	8.44519	4.57E-02	1.30E-01	1.28E-01	5.35E-02	1.52E-01	1.50E-01	7.94E-02	2.25E-01	2.22E-01
2823	387602.74, 3750059.85	2.99074	8.4572	8.31754	4.52E-02	1.28E-01	1.26E-01	5.30E-02	1.50E-01	1.47E-01	7.86E-02	2.22E-01	2.19E-01
2824	387602.74, 3750084.85	2.97755	8.55655	8.44492	4.50E-02	1.29E-01	1.28E-01	5.28E-02	1.52E-01	1.50E-01	7.83E-02	2.25E-01	2.22E-01
2825	387602.74, 3750109.85	2.95195	8.43751	8.34176	4.46E-02	1.28E-01	1.26E-01	5.23E-02	1.50E-01	1.48E-01	7.76E-02	2.22E-01	2.19E-01
2826	387627.74, 3748984.85	3.10929	7.79697	7.55968	4.70E-02	1.18E-01	1.14E-01	5.51E-02	1.38E-01	1.34E-01	8.17E-02	2.05E-01	1.99E-01
2827	387627.74, 3749009.85	3.28147	8.04324	7.82439	4.96E-02	1.22E-01	1.18E-01	5.81E-02	1.43E-01	1.39E-01	8.63E-02	2.11E-01	2.06E-01
2828	387627.74, 3749034.85	3.39327	8.23501	7.98299	5.13E-02	1.25E-01	1.21E-01	6.01E-02	1.46E-01	1.41E-01	8.92E-02	2.16E-01	2.10E-01
2829	387627.74, 3749059.85	3.46057	8.37089	8.07705	5.23E-02	1.27E-01	1.22E-01	6.13E-02	1.48E-01	1.43E-01	9.10E-02	2.20E-01	2.12E-01
2830	387627.74, 3749084.85	3.5022	8.4745	8.15355	5.30E-02	1.28E-01	1.23E-01	6.21E-02	1.50E-01	1.44E-01	9.21E-02	2.23E-01	2.14E-01
2831	387627.74, 3749109.85	3.52325	8.56573	8.19642	5.33E-02	1.30E-01	1.24E-01	6.24E-02	1.52E-01	1.45E-01	9.26E-02	2.25E-01	2.15E-01
2832	387627.74, 3749134.85	3.53481	8.64552	8.25517	5.34E-02	1.31E-01	1.25E-01	6.26E-02	1.53E-01	1.46E-01	9.29E-02	2.27E-01	2.17E-01
2833	387627.74, 3749159.85	3.53596	8.70108	8.30127	5.35E-02	1.32E-01	1.26E-01	6.27E-02	1.54E-01	1.47E-01	9.30E-02	2.29E-01	2.18E-01
2834	387627.74, 3749184.85	3.52991	8.73652	8.33433	5.34E-02	1.32E-01	1.26E-01	6.25E-02	1.55E-01	1.48E-01	9.28E-02	2.30E-01	2.19E-01
2835	387627.74, 3749209.85	3.51793	8.75507	8.352	5.32E-02	1.32E-01	1.26E-01	6.23E-02	1.55E-01	1.48E-01	9.25E-02	2.30E-01	2.20E-01
2836	387627.74, 3749234.85	3.50252	8.76039	8.35705	5.30E-02	1.32E-01	1.26E-01	6.21E-02	1.55E-01	1.48E-01	9.21E-02	2.30E-01	2.20E-01
2837	387627.74, 3749259.85	3.48519	8.75492	8.3518	5.27E-02	1.32E-01	1.26E-01	6.18E-02	1.55E-01	1.48E-01	9.16E-02	2.30E-01	2.20E-01
2838	387627.74, 3749284.85	3.46577	8.74037	8.3379	5.24E-02	1.32E-01	1.26E-01	6.14E-02	1.55E-01	1.48E-01	9.11E-02	2.30E-01	2.19E-01
2839	387627.74, 3749309.85	3.44561	8.7185	8.317	5.21E-02	1.32E-01	1.26E-01	6.11E-02	1.54E-01	1.47E-01	9.06E-02	2.29E-01	2.19E-01
2840	387627.74, 3749334.85	3.42289	8.68941	8.28925	5.18E-02	1.31E-01	1.25E-01	6.07E-02	1.54E-01	1.47E-01	9.00E-02	2.28E-01	2.18E-01
2841	387627.74, 3749359.85	3.39931	8.65387	8.25406	5.14E-02	1.31E-01	1.25E-01	6.02E-02	1.53E-01	1.46E-01	8.94E-02	2.28E-01	2.17E-01
2842	387627.74, 3749384.85	3.37569	8.61443	8.21582	5.10E-02	1.30E-01	1.24E-01	5.98E-02	1.53E-01	1.46E-01	8.87E-02	2.26E-01	2.16E-01
2843	387627.74, 3749409.85	3.35051	8.56942	8.17102	5.07E-02	1.30E-01	1.24E-01	5.94E-02	1.52E-01	1.45E-01	8.81E-02	2.25E-01	2.15E-01
2844	387627.74, 3749434.85	3.32916	8.52345	8.12665	5.03E-02	1.29E-01	1.23E-01	5.90E-02	1.51E-01	1.44E-01	8.75E-02	2.24E-01	2.14E-01

2845	387627.74, 3749459.85	3.30879	8.47468	8.07948	5.00E-02	1.28E-01	1.22E-01	5.86E-02	1.50E-01	1.43E-01	8.70E-02	2.23E-01	2.12E-01
2846	387627.74, 3749484.85	3.28952	8.42328	8.02948	4.97E-02	1.27E-01	1.21E-01	5.83E-02	1.49E-01	1.42E-01	8.65E-02	2.21E-01	2.11E-01
2847	387627.74, 3749509.85	3.27188	8.36915	7.97789	4.95E-02	1.27E-01	1.21E-01	5.80E-02	1.48E-01	1.41E-01	8.60E-02	2.20E-01	2.10E-01
2848	387627.74, 3749534.85	3.25643	8.31611	7.93245	4.92E-02	1.26E-01	1.20E-01	5.77E-02	1.47E-01	1.41E-01	8.56E-02	2.19E-01	2.09E-01
2849	387627.74, 3749559.85	3.23896	8.25921	7.90092	4.90E-02	1.25E-01	1.19E-01	5.74E-02	1.46E-01	1.40E-01	8.52E-02	2.17E-01	2.08E-01
2850	387627.74, 3749584.85	3.22089	8.21985	7.8833	4.87E-02	1.24E-01	1.19E-01	5.71E-02	1.46E-01	1.40E-01	8.47E-02	2.16E-01	2.07E-01
2851	387627.74, 3749609.85	3.20499	8.16095	7.86023	4.85E-02	1.23E-01	1.19E-01	5.68E-02	1.45E-01	1.39E-01	8.43E-02	2.15E-01	2.07E-01
2852	387627.74, 3749634.85	3.1819	8.16703	7.92772	4.81E-02	1.23E-01	1.20E-01	5.64E-02	1.45E-01	1.40E-01	8.37E-02	2.15E-01	2.08E-01
2853	387627.74, 3749659.85	3.15955	8.20645	8.00892	4.78E-02	1.24E-01	1.21E-01	5.60E-02	1.45E-01	1.42E-01	8.31E-02	2.16E-01	2.11E-01
2854	387627.74, 3749684.85	3.14372	8.41488	8.26257	4.75E-02	1.27E-01	1.25E-01	5.57E-02	1.49E-01	1.46E-01	8.26E-02	2.21E-01	2.17E-01
2855	387627.74, 3749709.85	3.12181	8.53951	8.41527	4.72E-02	1.29E-01	1.27E-01	5.53E-02	1.51E-01	1.49E-01	8.21E-02	2.25E-01	2.21E-01
2856	387627.74, 3749734.85	3.10401	8.61882	8.53123	4.69E-02	1.30E-01	1.29E-01	5.50E-02	1.53E-01	1.51E-01	8.16E-02	2.27E-01	2.24E-01
2857	387627.74, 3749759.85	3.08278	8.61896	8.54667	4.66E-02	1.30E-01	1.29E-01	5.46E-02	1.53E-01	1.51E-01	8.10E-02	2.27E-01	2.25E-01
2858	387627.74, 3749784.85	3.05908	8.56991	8.49935	4.63E-02	1.30E-01	1.29E-01	5.42E-02	1.52E-01	1.51E-01	8.04E-02	2.25E-01	2.23E-01
2859	387627.74, 3749809.85	3.03454	8.52912	8.46272	4.59E-02	1.29E-01	1.28E-01	5.38E-02	1.51E-01	1.50E-01	7.98E-02	2.24E-01	2.22E-01
2860	387627.74, 3749834.85	3.01298	8.52002	8.45405	4.56E-02	1.29E-01	1.28E-01	5.34E-02	1.51E-01	1.50E-01	7.92E-02	2.24E-01	2.22E-01
2861	387627.74, 3749859.85	2.98437	8.45845	8.39908	4.51E-02	1.28E-01	1.27E-01	5.29E-02	1.50E-01	1.49E-01	7.85E-02	2.22E-01	2.21E-01
2862	387627.74, 3749884.85	2.9589	8.41654	8.35911	4.47E-02	1.27E-01	1.26E-01	5.24E-02	1.49E-01	1.48E-01	7.78E-02	2.21E-01	2.20E-01
2863	387627.74, 3749909.85	2.9336	8.37418	8.31208	4.44E-02	1.27E-01	1.26E-01	5.20E-02	1.48E-01	1.47E-01	7.71E-02	2.20E-01	2.19E-01
2864	387627.74, 3749934.85	2.90283	8.2525	8.17249	4.39E-02	1.25E-01	1.24E-01	5.14E-02	1.46E-01	1.45E-01	7.63E-02	2.17E-01	2.15E-01
2865	387652.74, 3748984.85	2.66304	6.91829	6.71594	4.03E-02	1.05E-01	1.02E-01	4.72E-02	1.23E-01	1.19E-01	7.00E-02	1.82E-01	1.77E-01
2866	387652.74, 3749009.85	2.82552	7.18288	6.98688	4.27E-02	1.09E-01	1.06E-01	5.01E-02	1.27E-01	1.24E-01	7.43E-02	1.89E-01	1.84E-01
2867	387652.74, 3749034.85	2.94015	7.32119	7.15074	4.45E-02	1.11E-01	1.08E-01	5.21E-02	1.30E-01	1.27E-01	7.73E-02	1.92E-01	1.88E-01
2868	387652.74, 3749059.85	3.01677	7.42328	7.25029	4.56E-02	1.12E-01	1.10E-01	5.35E-02	1.32E-01	1.28E-01	7.93E-02	1.95E-01	1.91E-01
2869	387652.74, 3749084.85	3.06671	7.52509	7.31634	4.64E-02	1.14E-01	1.11E-01	5.43E-02	1.33E-01	1.30E-01	8.06E-02	1.98E-01	1.92E-01
2870	387652.74, 3749109.85	3.09836	7.60312	7.35024	4.68E-02	1.15E-01	1.11E-01	5.49E-02	1.35E-01	1.30E-01	8.15E-02	2.00E-01	1.93E-01
2871	387652.74, 3749134.85	3.11771	7.66181	7.38157	4.71E-02	1.16E-01	1.12E-01	5.52E-02	1.36E-01	1.31E-01	8.20E-02	2.01E-01	1.94E-01
2872	387652.74, 3749159.85	3.12745	7.70744	7.39637	4.73E-02	1.17E-01	1.12E-01	5.54E-02	1.37E-01	1.31E-01	8.22E-02	2.03E-01	1.94E-01
2873	387652.74, 3749184.85	3.13094	7.75618	7.41828	4.73E-02	1.17E-01	1.12E-01	5.55E-02	1.37E-01	1.31E-01	8.23E-02	2.04E-01	1.95E-01
2874	387652.74, 3749209.85	3.12934	7.79247	7.44064	4.73E-02	1.18E-01	1.13E-01	5.55E-02	1.38E-01	1.32E-01	8.23E-02	2.05E-01	1.96E-01
2875	387652.74, 3749234.85	3.1222	7.81522	7.45493	4.72E-02	1.18E-01	1.13E-01	5.53E-02	1.38E-01	1.32E-01	8.21E-02	2.05E-01	1.96E-01
2876	387652.74, 3749259.85	3.11148	7.82671	7.46593	4.70E-02	1.18E-01	1.13E-01	5.51E-02	1.39E-01	1.32E-01	8.18E-02	2.06E-01	1.96E-01
2877	387652.74, 3749284.85	3.09992	7.83008	7.46904	4.69E-02	1.18E-01	1.13E-01	5.49E-02	1.39E-01	1.32E-01	8.15E-02	2.06E-01	1.96E-01
2878	387652.74, 3749309.85	3.08728	7.82607	7.46488	4.67E-02	1.18E-01	1.13E-01	5.47E-02	1.39E-01	1.32E-01	8.12E-02	2.06E-01	1.96E-01
2879	387652.74, 3749334.85	3.07168	7.81397	7.45175	4.64E-02	1.18E-01	1.13E-01	5.44E-02	1.38E-01	1.32E-01	8.08E-02	2.05E-01	1.96E-01
2880	387652.74, 3749359.85	3.05835	7.79869	7.43756	4.62E-02	1.18E-01	1.12E-01	5.42E-02	1.38E-01	1.32E-01	8.04E-02	2.05E-01	1.96E-01
2881	387652.74, 3749384.85	3.04505	7.77858	7.41862	4.60E-02	1.18E-01	1.12E-01	5.40E-02	1.38E-01	1.31E-01	8.01E-02	2.04E-01	1.95E-01
2882	387652.74, 3749409.85	3.02807	7.75126	7.39043	4.58E-02	1.17E-01	1.12E-01	5.37E-02	1.37E-01	1.31E-01	7.96E-02	2.04E-01	1.94E-01
2883	387652.74, 3749434.85	3.0141	7.72312	7.36362	4.56E-02	1.17E-01	1.11E-01	5.34E-02	1.37E-01	1.30E-01	7.92E-02	2.03E-01	1.94E-01
2884	387652.74, 3749459.85	3.00041	7.69121	7.33251	4.54E-02	1.16E-01	1.11E-01	5.32E-02	1.36E-01	1.30E-01	7.89E-02	2.02E-01	1.93E-01
2885	387652.74, 3749484.85	2.98688	7.65515	7.29706	4.52E-02	1.16E-01	1.10E-01	5.29E-02	1.36E-01	1.29E-01	7.85E-02	2.01E-01	1.92E-01
2886	387652.74, 3749509.85	2.97619	7.61955	7.2664	4.50E-02	1.15E-01	1.10E-01	5.27E-02	1.35E-01	1.29E-01	7.82E-02	2.00E-01	1.91E-01
2887	387652.74, 3749534.85	2.96618	7.58626	7.25679	4.49E-02	1.15E-01	1.10E-01	5.26E-02	1.34E-01	1.29E-01	7.80E-02	1.99E-01	1.91E-01
2888	387652.74, 3749559.85	2.95428	7.5653	7.26184	4.47E-02	1.14E-01	1.10E-01	5.23E-02	1.34E-01	1.29E-01	7.77E-02	1.99E-01	1.91E-01
2889	387652.74, 3749584.85	2.94211	7.55726	7.27986	4.45E-02	1.14E-01	1.10E-01	5.21E-02	1.34E-01	1.29E-01	7.73E-02	1.99E-01	1.91E-01
2890	387652.74, 3749609.85	2.93546	7.55217	7.34149	4.44E-02	1.14E-01	1.11E-01	5.20E-02	1.34E-01	1.30E-01	7.72E-02	1.99E-01	1.93E-01
2891	387652.74, 3749634.85	2.91806	7.58568	7.39152	4.41E-02	1.15E-01	1.12E-01	5.17E-02	1.34E-01	1.31E-01	7.67E-02	1.99E-01	1.94E-01
2892	387652.74, 3749659.85	2.9015	7.68122	7.50314	4.39E-02	1.16E-01	1.13E-01	5.14E-02	1.36E-01	1.33E-01	7.63E-02	2.02E-01	1.97E-01
2893	387652.74, 3749684.85	2.8959	7.93367	7.78383	4.38E-02	1.20E-01	1.18E-01	5.13E-02	1.41E-01	1.38E-01	7.61E-02	2.09E-01	2.05E-01
2894	387652.74, 3749709.85	2.87853	8.01959	7.89082	4.35E-02	1.21E-01	1.19E-01	5.10E-02	1.42E-01	1.40E-01	7.57E-02	2.11E-01	2.07E-01
2895	387652.74, 3749734.85	2.85561	7.95555	7.84816	4.32E-02	1.20E-01	1.19E-01	5.06E-02	1.41E-01	1.39E-01	7.51E-02	2.09E-01	2.06E-01
2896	387677.74, 3748984.85	2.32164	6.22641	6.03198	3.51E-02	9.41E-02	9.12E-02	4.11E-02	1.10E-01	1.07E-01	6.10E-02	1.64E-01	1.59E-01
2897	387677.74, 3749009.85	2.47124	6.49855	6.31408	3.74E-02	9.83E-02	9.55E-02	4.38E-02	1.15E-01	1.12E-01	6.50E-02	1.71E-01	1.66E-01
2898	387677.74, 3749034.85	2.58363	6.65001	6.47743	3.91E-02	1.01E-01	9.79E-02	4.58E-02	1.18E-01	1.15E-01	6.79E-02	1.75E-01	1.70E-01
2899	387677.74, 3749059.85	2.66298	6.72004	6.57729	4.03E-02	1.02E-01	9.95E-02	4.72E-02	1.19E-01	1.17E-01	7.00E-02	1.77E-01	1.73E-01
2900	387677.74, 3749084.85	2.71868	6.77551	6.64122	4.11E-02	1.02E-01	1.00E-01	4.82E-02	1.20E-01	1.18E-01	7.15E-02	1.78E-01	1.75E-01
2901	387677.74, 3749109.85	2.75622	6.84047	6.68243	4.17E-02	1.03E-01	1.01E-01	4.88E-02	1.21E-01	1.18E-01	7.25E-02	1.80E-01	1.76E-01
2902	387677.74, 3749134.85	2.78111	6.89908	6.70231	4.21E-02	1.04E-01	1.01E-01	4.93E-02	1.22E-01	1.19E-01	7.31E-02	1.81E-01	1.76E-01
2903	387677.74, 3749159.85	2.79726	6.94766	6.71182	4.23E-02	1.05E-01	1.01E-01	4.96E-02	1.23E-01	1.19E-01	7.35E-02	1.83E-01	1.76E-01
2904	387677.74, 3749184.85	2.80761	6.98758	6.73637	4.25E-02	1.06E-01	1.02E-01	4.97E-02	1.24E-01	1.19E-01	7.38E-02	1.84E-01	1.77E-01
2905	387677.74, 3749209.85	2.81174	7.01386	6.73234	4.25E-02	1.06E-01	1.02E-01	4.98E-02	1.24E-01	1.19E-01	7.39E-02	1.84E-01	1.77E-01
2906	387677.74, 3749234.85	2.81245	7.04397	6.7406	4.25E-02	1.07E-01	1.02E-01	4.98E-02	1.25E-01	1.19E-01	7.39E-02	1.85E-01	1.77E-01
2907	387677.74, 3749259.85	2.80847	7.06766	6.74877	4.25E-02	1.07E-01	1.02E-01	4.98E-02	1.25E-01	1.20E-01	7.38E-02	1.86E-01	1.77E-01
2908	387677.74, 3749284.85	2.80325	7.0835	6.75755	4.24E-02	1.07E-01	1.02E-01	4.97E-02	1.26E-01	1.20E-01	7.37E-02	1.86E-01	1.78E-01
2909	387677.74, 3749309.85	2.7985	7.09307	6.76577	4.23E-02	1.07E-01	1.02E-01	4.96E-02	1.26E-01	1.20E-01	7.36E-02	1.86E-01	1.78E-01
2910	387677.74, 3749334.85	2.79248	7.09648	6.769	4.22E-02	1.07E-01	1.02E-01	4.95E-02	1.26E-01	1.20E-01	7.34E-02	1.87E-01	1.78E-01
2911	387677.74, 3749359.85	2.77992	7.09037	6.76212	4.20E-02	1.07E-01	1.02E-01	4.93E-02	1.26E-01	1.20E-01	7.31E-02	1.86E-01	1.78E-01
2912	387677.74, 3749384.85	2.77151	7.08255	6.75458	4.19E-02	1.07E-01	1.02E-01	4.91E-02	1.25E-01	1.20E-01	7.29E-02	1.86E-01	1.78E-01
2913	387677.74, 3749409.85	2.76333	7.07088	6.74365	4.18E-02	1.07E-01	1.02E-01	4.90E-02	1.25E-01	1.19E-01	7.26E-02	1.86E-01	1.77E-01
2914	387677.74, 3749434.85	2.75502	7.05563	6.72905	4.17E-02	1.07E-01	1.02E-01	4.88E-02	1.25E-01	1.19E-01	7.24E-02	1.85E-01	1.77E-01
2915	387677.74, 3749459.85	2.74608	7.03683	6.71105	4.15E-02	1.06E-01	1.01E-01	4.87E-02	1.25E-01	1.19E-01	7.22E-02	1.85E-01	1.76E-01
2916	387677.74, 3749484.85	2.73904	7.0169	6.69469	4.14E-02	1.06E-01	1.01E-01	4.85E-02	1.24E-01	1.19E-01	7.20E-02	1.84E-01	1.76E-01
2917	387677.74, 3749509.85	2.72433	6.99592	6.67333	4.12E-02	1.06E-01	1.01E-01	4.83E-02	1.24E-01	1.18E-01	7.16E-02	1.84E-01	1.75E-01
2918	387677.74, 3749534.85	2.7158	6.9709	6.66275	4.11E-02	1.05E-01	1.01E-01	4.81E-02	1.24E-01	1.18E-01	7.14E-02	1.83E-01	1.75E-01
2919	387677.74, 3749559.85	2.70089	6.94387	6.62498	4.08E-02	1.05E-01	1.00E-01	4.79E-02	1.23E-01	1.17E-01	7.10E-02	1.83E-01	1.74E-01
2920	387702.74, 3748984.85	2.0546	5.66287	5.47785	3.11E-02	8.56E-02	8.28E-02	3.64E-02	1.00E-01	9.71E-02	5.40E-02	1.49E-01	1.44E-01
2921	387702.74, 3749009.85	2.18389	5.89811	5.71481	3.30E-02	8.92E-02	8.64E-02	3.87E-02	1.05E-01	1.01E-01	5.74E-02	1.55E-01	1.50E-01

2922	387702.74, 3749034.85	2.28616	6.03593	5.86533	3.46E-02	9.13E-02	8.87E-02	4.05E-02	1.07E-01	1.04E-01	6.01E-02	1.59E-01	1.54E-01
2923	387702.74, 3749059.85	2.37226	6.17175	6.01379	3.59E-02	9.33E-02	9.09E-02	4.20E-02	1.09E-01	1.07E-01	6.24E-02	1.62E-01	1.58E-01
2924	387702.74, 3749084.85	2.43307	6.2416	6.10371	3.68E-02	9.44E-02	9.23E-02	4.31E-02	1.11E-01	1.08E-01	6.40E-02	1.64E-01	1.60E-01
2925	387702.74, 3749109.85	2.4776	6.28881	6.16351	3.75E-02	9.51E-02	9.32E-02	4.39E-02	1.11E-01	1.09E-01	6.51E-02	1.65E-01	1.62E-01
2926	387702.74, 3749134.85	2.50772	6.3171	6.21122	3.79E-02	9.55E-02	9.39E-02	4.44E-02	1.12E-01	1.10E-01	6.59E-02	1.66E-01	1.63E-01
2927	387702.74, 3749159.85	2.52997	6.35504	6.23699	3.83E-02	9.61E-02	9.43E-02	4.48E-02	1.13E-01	1.11E-01	6.65E-02	1.67E-01	1.64E-01
2928	387702.74, 3749184.85	2.54601	6.40216	6.26409	3.85E-02	9.68E-02	9.47E-02	4.51E-02	1.13E-01	1.11E-01	6.69E-02	1.68E-01	1.65E-01
2929	387702.74, 3749209.85	2.5559	6.43779	6.28228	3.86E-02	9.73E-02	9.50E-02	4.53E-02	1.14E-01	1.11E-01	6.72E-02	1.69E-01	1.65E-01
2930	387702.74, 3749234.85	2.56182	6.46394	6.28512	3.87E-02	9.77E-02	9.50E-02	4.54E-02	1.15E-01	1.11E-01	6.74E-02	1.70E-01	1.65E-01
2931	387702.74, 3749259.85	2.56508	6.48412	6.28907	3.88E-02	9.80E-02	9.51E-02	4.55E-02	1.15E-01	1.11E-01	6.74E-02	1.70E-01	1.65E-01
2932	387702.74, 3749284.85	2.56512	6.49834	6.28476	3.88E-02	9.83E-02	9.50E-02	4.55E-02	1.15E-01	1.11E-01	6.74E-02	1.71E-01	1.65E-01
2933	387702.74, 3749309.85	2.56514	6.51373	6.27988	3.88E-02	9.85E-02	9.50E-02	4.55E-02	1.15E-01	1.11E-01	6.74E-02	1.71E-01	1.65E-01
2934	387702.74, 3749334.85	2.5611	6.51554	6.26346	3.87E-02	9.85E-02	9.47E-02	4.54E-02	1.15E-01	1.11E-01	6.73E-02	1.71E-01	1.65E-01
2935	387702.74, 3749359.85	2.55595	6.5135	6.2559	3.86E-02	9.85E-02	9.46E-02	4.53E-02	1.15E-01	1.11E-01	6.72E-02	1.71E-01	1.64E-01
2936	387702.74, 3749384.85	2.54923	6.508	6.24273	3.85E-02	9.84E-02	9.44E-02	4.52E-02	1.15E-01	1.11E-01	6.70E-02	1.71E-01	1.64E-01
2937	387727.74, 3748984.85	1.8394	5.18369	4.99973	2.78E-02	7.84E-02	7.56E-02	3.26E-02	9.19E-02	8.86E-02	4.84E-02	1.36E-01	1.31E-01
2938	387727.74, 3749009.85	1.96029	5.45278	5.27165	2.96E-02	8.24E-02	7.97E-02	3.47E-02	9.66E-02	9.34E-02	5.15E-02	1.43E-01	1.39E-01
2939	387727.74, 3749034.85	2.06087	5.61574	5.45873	3.12E-02	8.49E-02	8.25E-02	3.65E-02	9.95E-02	9.67E-02	5.42E-02	1.48E-01	1.44E-01
2940	387727.74, 3749059.85	2.13755	5.68469	5.53665	3.23E-02	8.60E-02	8.37E-02	3.79E-02	1.01E-01	9.81E-02	5.62E-02	1.49E-01	1.46E-01
2941	387727.74, 3749084.85	2.20109	5.77242	5.64549	3.33E-02	8.73E-02	8.54E-02	3.90E-02	1.02E-01	1.00E-01	5.79E-02	1.52E-01	1.48E-01
2942	387727.74, 3749109.85	2.2462	5.80859	5.69957	3.40E-02	8.78E-02	8.62E-02	3.98E-02	1.03E-01	1.01E-01	5.91E-02	1.53E-01	1.50E-01
2943	387727.74, 3749134.85	2.27972	5.83289	5.72892	3.45E-02	8.82E-02	8.66E-02	4.04E-02	1.03E-01	1.02E-01	5.99E-02	1.53E-01	1.51E-01
2944	387727.74, 3749159.85	2.30395	5.84778	5.76293	3.48E-02	8.84E-02	8.71E-02	4.08E-02	1.04E-01	1.02E-01	6.06E-02	1.54E-01	1.52E-01
2945	387727.74, 3749184.85	2.31779	5.85102	5.73745	3.50E-02	8.85E-02	8.68E-02	4.11E-02	1.04E-01	1.02E-01	6.09E-02	1.54E-01	1.51E-01
2946	387752.74, 3748984.85	1.66369	4.77903	4.59725	2.52E-02	7.23E-02	6.95E-02	2.95E-02	8.47E-02	8.15E-02	4.37E-02	1.26E-01	1.21E-01
2947	387752.74, 3749009.85	1.77197	5.04373	4.8669	2.68E-02	7.63E-02	7.36E-02	3.14E-02	8.94E-02	8.62E-02	4.66E-02	1.33E-01	1.28E-01
2948	387419.61, 3751582.97	2.6971	8.4295	8.27386	4.08E-02	1.27E-01	1.25E-01	4.78E-02	1.49E-01	1.47E-01	7.09E-02	2.22E-01	2.18E-01
2949	387419.61, 3751632.97	2.5946	8.00977	7.83557	3.92E-02	1.21E-01	1.18E-01	4.60E-02	1.42E-01	1.39E-01	6.82E-02	2.11E-01	2.06E-01
2950	387419.61, 3751682.97	2.49038	7.8176	7.73641	3.77E-02	1.18E-01	1.17E-01	4.41E-02	1.39E-01	1.37E-01	6.55E-02	2.06E-01	2.03E-01
2951	387419.61, 3751732.97	2.37373	7.70577	7.63777	3.59E-02	1.17E-01	1.15E-01	4.21E-02	1.37E-01	1.35E-01	6.24E-02	2.03E-01	2.01E-01
2952	387419.61, 3751782.97	2.24066	7.57176	7.50285	3.39E-02	1.14E-01	1.13E-01	3.97E-02	1.34E-01	1.33E-01	5.89E-02	1.99E-01	1.97E-01
2953	387419.61, 3751832.97	2.08675	7.43405	7.36053	3.16E-02	1.12E-01	1.11E-01	3.70E-02	1.32E-01	1.30E-01	5.49E-02	1.95E-01	1.94E-01
2954	387469.61, 3751182.97	2.90043	8.5822	8.49399	4.39E-02	1.30E-01	1.28E-01	5.14E-02	1.52E-01	1.51E-01	7.63E-02	2.26E-01	2.23E-01
2955	387469.61, 3751232.97	2.83025	8.47999	8.396	4.28E-02	1.28E-01	1.27E-01	5.02E-02	1.50E-01	1.49E-01	7.44E-02	2.23E-01	2.21E-01
2956	387469.61, 3751282.97	2.76454	8.38406	8.25976	4.18E-02	1.27E-01	1.25E-01	4.90E-02	1.49E-01	1.46E-01	7.27E-02	2.20E-01	2.17E-01
2957	387469.61, 3751332.97	2.69006	8.15089	7.98852	4.07E-02	1.23E-01	1.21E-01	4.77E-02	1.44E-01	1.42E-01	7.07E-02	2.14E-01	2.10E-01
2958	387469.61, 3751382.97	2.61653	7.89323	7.79235	3.96E-02	1.19E-01	1.18E-01	4.64E-02	1.40E-01	1.38E-01	6.88E-02	2.08E-01	2.05E-01
2959	387469.61, 3751432.97	2.5468	7.78142	7.71857	3.85E-02	1.18E-01	1.17E-01	4.51E-02	1.38E-01	1.37E-01	6.70E-02	2.05E-01	2.03E-01
2960	387469.61, 3751482.97	2.47329	7.66716	7.59411	3.74E-02	1.16E-01	1.15E-01	4.38E-02	1.36E-01	1.35E-01	6.50E-02	2.02E-01	2.00E-01
2961	387469.61, 3751532.97	2.39734	7.58406	7.5125	3.62E-02	1.15E-01	1.14E-01	4.25E-02	1.34E-01	1.33E-01	6.30E-02	1.99E-01	1.98E-01
2962	387469.61, 3751582.97	2.31811	7.45998	7.33116	3.51E-02	1.13E-01	1.11E-01	4.11E-02	1.32E-01	1.30E-01	6.09E-02	1.96E-01	1.93E-01
2963	387469.61, 3751632.97	2.23141	7.26167	7.08987	3.37E-02	1.10E-01	1.07E-01	3.95E-02	1.29E-01	1.26E-01	5.87E-02	1.91E-01	1.86E-01
2964	387469.61, 3751682.97	2.14344	7.02388	6.93062	3.24E-02	1.06E-01	1.05E-01	3.80E-02	1.24E-01	1.23E-01	5.64E-02	1.85E-01	1.82E-01
2965	387469.61, 3751732.97	2.05028	6.95368	6.88489	3.10E-02	1.05E-01	1.04E-01	3.63E-02	1.23E-01	1.22E-01	5.39E-02	1.83E-01	1.81E-01
2966	387469.61, 3751782.97	1.93959	6.82925	6.76562	2.93E-02	1.03E-01	1.02E-01	3.44E-02	1.21E-01	1.20E-01	5.10E-02	1.80E-01	1.78E-01
2967	387469.61, 3751832.97	1.81397	6.72311	6.66068	2.74E-02	1.02E-01	1.01E-01	3.21E-02	1.19E-01	1.18E-01	4.77E-02	1.77E-01	1.75E-01
2968	387519.61, 3750832.97	2.90825	8.48371	8.38729	4.40E-02	1.28E-01	1.27E-01	5.15E-02	1.50E-01	1.49E-01	7.65E-02	2.23E-01	2.21E-01
2969	387519.61, 3750882.97	2.84694	8.20012	8.12533	4.30E-02	1.24E-01	1.23E-01	5.04E-02	1.45E-01	1.44E-01	7.48E-02	2.16E-01	2.14E-01
2970	387519.61, 3750932.97	2.77663	8.11907	7.99921	4.20E-02	1.23E-01	1.21E-01	4.92E-02	1.44E-01	1.42E-01	7.30E-02	2.13E-01	2.10E-01
2971	387519.61, 3750982.97	2.71823	7.91653	7.79088	4.11E-02	1.20E-01	1.18E-01	4.82E-02	1.40E-01	1.38E-01	7.15E-02	2.08E-01	2.05E-01
2972	387519.61, 3751032.97	2.66395	7.71773	7.61481	4.03E-02	1.17E-01	1.15E-01	4.72E-02	1.37E-01	1.35E-01	7.00E-02	2.03E-01	2.00E-01
2973	387519.61, 3751082.97	2.61007	7.54154	7.4549	3.95E-02	1.14E-01	1.13E-01	4.62E-02	1.34E-01	1.32E-01	6.86E-02	1.98E-01	1.96E-01
2974	387519.61, 3751132.97	2.55303	7.45914	7.39883	3.86E-02	1.13E-01	1.12E-01	4.52E-02	1.32E-01	1.31E-01	6.71E-02	1.96E-01	1.95E-01
2975	387519.61, 3751182.97	2.50388	7.52205	7.45264	3.79E-02	1.14E-01	1.13E-01	4.44E-02	1.33E-01	1.32E-01	6.58E-02	1.98E-01	1.96E-01
2976	387519.61, 3751232.97	2.44836	7.5466	7.47107	3.70E-02	1.14E-01	1.13E-01	4.34E-02	1.34E-01	1.32E-01	6.44E-02	1.98E-01	1.96E-01
2977	387519.61, 3751282.97	2.39178	7.36215	7.25018	3.62E-02	1.11E-01	1.10E-01	4.24E-02	1.30E-01	1.28E-01	6.29E-02	1.94E-01	1.91E-01
2978	387519.61, 3751332.97	2.33307	7.39911	7.24613	3.53E-02	1.12E-01	1.10E-01	4.13E-02	1.31E-01	1.28E-01	6.13E-02	1.95E-01	1.91E-01
2979	387519.61, 3751382.97	2.27468	7.1643	7.0274	3.44E-02	1.08E-01	1.06E-01	4.03E-02	1.27E-01	1.25E-01	5.98E-02	1.88E-01	1.85E-01
2980	387519.61, 3751432.97	2.21764	6.99329	6.92502	3.35E-02	1.06E-01	1.05E-01	3.93E-02	1.24E-01	1.23E-01	5.83E-02	1.84E-01	1.82E-01
2981	387519.61, 3751482.97	2.15742	6.90223	6.8317	3.26E-02	1.04E-01	1.03E-01	3.82E-02	1.22E-01	1.21E-01	5.67E-02	1.81E-01	1.80E-01
2982	387519.61, 3751532.97	2.0977	6.81675	6.75495	3.17E-02	1.03E-01	1.02E-01	3.72E-02	1.21E-01	1.20E-01	5.51E-02	1.79E-01	1.78E-01
2983	387519.61, 3751582.97	2.02975	6.75028	6.66112	3.07E-02	1.02E-01	1.01E-01	3.60E-02	1.20E-01	1.18E-01	5.34E-02	1.77E-01	1.75E-01
2984	387519.61, 3751632.97	1.96117	6.59722	6.46476	2.97E-02	9.98E-02	9.78E-02	3.48E-02	1.17E-01	1.15E-01	5.16E-02	1.73E-01	1.70E-01
2985	387519.61, 3751682.97	1.88691	6.40108	6.30502	2.85E-02	9.68E-02	9.53E-02	3.34E-02	1.13E-01	1.12E-01	4.96E-02	1.68E-01	1.66E-01
2986	387519.61, 3751732.97	1.80491	6.31057	6.24683	2.73E-02	9.54E-02	9.45E-02	3.20E-02	1.12E-01	1.11E-01	4.75E-02	1.66E-01	1.64E-01
2987	387519.61, 3751782.97	1.71386	6.196	6.13697	2.59E-02	9.37E-02	9.28E-02	3.04E-02	1.10E-01	1.09E-01	4.51E-02	1.63E-01	1.61E-01
2988	387519.61, 3751832.97	1.60997	6.13697	6.07723	2.43E-02	9.28E-02	9.19E-02	2.85E-02	1.09E-01	1.08E-01	4.23E-02	1.61E-01	1.60E-01
2989	387569.61, 3750432.97	2.89733	7.85603	7.77888	4.38E-02	1.19E-01	1.18E-01	5.13E-02	1.39E-01	1.38E-01	7.62E-02	2.07E-01	2.05E-01
2990	387569.61, 3750482.97	2.84538	7.68909	7.62429	4.30E-02	1.16E-01	1.15E-01	5.04E-02	1.36E-01	1.35E-01	7.48E-02	2.02E-01	2.00E-01
2991	387569.61, 3750532.97	2.79935	7.75289	7.69667	4.23E-02	1.17E-01	1.16E-01	4.96E-02	1.37E-01	1.36E-01	7.36E-02	2.04E-01	2.02E-01
2992	387569.61, 3750582.97	2.74957	7.71178	7.63465	4.16E-02	1.17E-01	1.15E-01	4.87E-02	1.37E-01	1.35E-01	7.23E-02	2.03E-01	2.01E-01
2993	387569.61, 3750632.97	2.71355	7.82305	7.74297	4.10E-02	1.18E-01	1.17E-01	4.81E-02	1.39E-01	1.37E-01	7.13E-02	2.06E-01	2.04E-01
2994	387569.61, 3750682.97	2.65058	7.47715	7.36707	4.01E-02	1.13E-01	1.11E-01	4.70E-02	1.32E-01	1.31E-01	6.97E-02	1.97E-01	1.94E-01
2995	387569.61, 3750732.97	2.61495	7.9894	7.8693	3.95E-02	1.21E-01	1.19E-01	4.63E-02	1.42E-01	1.39E-01	6.87E-02	2.10E-01	2.07E-01
2996	387569.61, 3750782.97	2.56698	7.86621	7.74667	3.88E-02	1.19E-01	1.17E-01	4.55E-02	1.39E-01	1.37E-01	6.75E-02	2.07E-01	2.04E-01
2997	387569.61, 3750832.97	2.51622	7.57328	7.46758	3.80E-02	1.15E-01	1.13E-01	4.46E-02	1.34E-01	1.32E-01	6.62E-02	1.99E-01	1.96E-01
2998	387569.61, 3750882.97	2.47336	7.46138	7.37467	3.74E-02	1.13E-01	1.12E-01	4.38E-02	1.32E-01	1.31E-01	6.50E-02	1.96E-01	1.94E-01

2999	387569.61, 3750932.97	2.42325	7.32614	7.19366	3.66E-02	1.11E-01	1.09E-01	4.29E-02	1.30E-01	1.27E-01	6.37E-02	1.93E-01	1.89E-01
3000	387569.61, 3750982.97	2.37328	7.12866	6.97723	3.59E-02	1.08E-01	1.05E-01	4.21E-02	1.26E-01	1.24E-01	6.24E-02	1.87E-01	1.83E-01
3001	387569.61, 3751032.97	2.32866	6.90653	6.7804	3.52E-02	1.04E-01	1.03E-01	4.13E-02	1.22E-01	1.20E-01	6.12E-02	1.82E-01	1.78E-01
3002	387569.61, 3751082.97	2.28528	6.80728	6.71526	3.46E-02	1.03E-01	1.02E-01	4.05E-02	1.21E-01	1.19E-01	6.01E-02	1.79E-01	1.77E-01
3003	387569.61, 3751132.97	2.24154	6.73264	6.66525	3.39E-02	1.02E-01	1.01E-01	3.97E-02	1.19E-01	1.18E-01	5.89E-02	1.77E-01	1.75E-01
3004	387569.61, 3751182.97	2.19654	6.63182	6.56571	3.32E-02	1.00E-01	9.93E-02	3.89E-02	1.18E-01	1.16E-01	5.77E-02	1.74E-01	1.73E-01
3005	387569.61, 3751232.97	2.1563	6.63289	6.56173	3.26E-02	1.00E-01	9.92E-02	3.82E-02	1.18E-01	1.16E-01	5.67E-02	1.74E-01	1.73E-01
3006	387569.61, 3751282.97	2.11165	6.56353	6.48734	3.19E-02	9.92E-02	9.81E-02	3.74E-02	1.16E-01	1.15E-01	5.55E-02	1.73E-01	1.71E-01
3007	387569.61, 3751332.97	2.06146	6.55301	6.4339	3.12E-02	9.91E-02	9.73E-02	3.65E-02	1.16E-01	1.14E-01	5.42E-02	1.72E-01	1.69E-01
3008	387569.61, 3751382.97	2.01284	6.39489	6.29329	3.04E-02	9.67E-02	9.52E-02	3.57E-02	1.13E-01	1.12E-01	5.29E-02	1.68E-01	1.65E-01
3009	387569.61, 3751432.97	1.96306	6.30719	6.24337	2.97E-02	9.54E-02	9.44E-02	3.48E-02	1.12E-01	1.11E-01	5.16E-02	1.66E-01	1.64E-01
3010	387569.61, 3751482.97	1.91697	6.27276	6.20977	2.90E-02	9.48E-02	9.39E-02	3.40E-02	1.11E-01	1.10E-01	5.04E-02	1.65E-01	1.63E-01
3011	387569.61, 3751532.97	1.86314	6.2127	6.15422	2.82E-02	9.39E-02	9.31E-02	3.30E-02	1.10E-01	1.09E-01	4.90E-02	1.63E-01	1.62E-01
3012	387569.61, 3751582.97	1.80665	6.15419	6.07973	2.73E-02	9.31E-02	9.19E-02	3.20E-02	1.09E-01	1.08E-01	4.75E-02	1.62E-01	1.60E-01
3013	387569.61, 3751632.97	1.74651	6.05809	5.95716	2.64E-02	9.16E-02	9.01E-02	3.09E-02	1.07E-01	1.06E-01	4.59E-02	1.59E-01	1.57E-01
3014	387569.61, 3751682.97	1.68181	5.9131	5.8086	2.54E-02	8.94E-02	8.78E-02	2.98E-02	1.05E-01	1.03E-01	4.42E-02	1.55E-01	1.53E-01
3015	387569.61, 3751732.97	1.61147	5.81216	5.73776	2.44E-02	8.79E-02	8.68E-02	2.86E-02	1.03E-01	1.02E-01	4.24E-02	1.53E-01	1.51E-01
3016	387569.61, 3751782.97	1.53339	5.70569	5.64834	2.32E-02	8.63E-02	8.54E-02	2.72E-02	1.01E-01	1.00E-01	4.03E-02	1.50E-01	1.48E-01
3017	387569.61, 3751832.97	1.44699	5.61734	5.56029	2.19E-02	8.49E-02	8.41E-02	2.56E-02	9.95E-02	9.85E-02	3.80E-02	1.48E-01	1.46E-01
3018	387619.61, 3750082.97	2.82764	8.24045	8.12858	4.28E-02	1.25E-01	1.23E-01	5.01E-02	1.46E-01	1.44E-01	7.43E-02	2.17E-01	2.14E-01
3019	387619.61, 3750132.97	2.78741	8.1367	8.06329	4.21E-02	1.23E-01	1.22E-01	4.94E-02	1.44E-01	1.43E-01	7.33E-02	2.14E-01	2.12E-01
3020	387619.61, 3750182.97	2.74033	8.06841	7.97947	4.14E-02	1.22E-01	1.21E-01	4.86E-02	1.43E-01	1.41E-01	7.20E-02	2.12E-01	2.10E-01
3021	387619.61, 3750232.97	2.66592	7.30491	7.16063	4.03E-02	1.10E-01	1.08E-01	4.72E-02	1.29E-01	1.27E-01	7.01E-02	1.92E-01	1.88E-01
3022	387619.61, 3750282.97	2.62748	7.15274	7.01896	3.97E-02	1.08E-01	1.06E-01	4.66E-02	1.27E-01	1.24E-01	6.91E-02	1.88E-01	1.85E-01
3023	387619.61, 3750332.97	2.59671	7.61769	7.44174	3.93E-02	1.15E-01	1.13E-01	4.60E-02	1.35E-01	1.32E-01	6.83E-02	2.00E-01	1.96E-01
3024	387619.61, 3750382.97	2.56221	7.50044	7.34847	3.87E-02	1.13E-01	1.11E-01	4.54E-02	1.33E-01	1.30E-01	6.74E-02	1.97E-01	1.93E-01
3025	387619.61, 3750432.97	2.51645	7.10701	6.99534	3.81E-02	1.07E-01	1.06E-01	4.46E-02	1.26E-01	1.24E-01	6.62E-02	1.87E-01	1.84E-01
3026	387619.61, 3750482.97	2.47095	6.84702	6.77817	3.74E-02	1.04E-01	1.02E-01	4.38E-02	1.21E-01	1.20E-01	6.50E-02	1.80E-01	1.78E-01
3027	387619.61, 3750532.97	2.4398	6.92765	6.87206	3.69E-02	1.05E-01	1.04E-01	4.32E-02	1.23E-01	1.22E-01	6.41E-02	1.82E-01	1.81E-01
3028	387619.61, 3750582.97	2.39739	6.80535	6.71101	3.62E-02	1.03E-01	1.01E-01	4.25E-02	1.21E-01	1.19E-01	6.30E-02	1.79E-01	1.76E-01
3029	387619.61, 3750632.97	2.38009	7.08302	7.0168	3.60E-02	1.07E-01	1.06E-01	4.22E-02	1.26E-01	1.24E-01	6.26E-02	1.86E-01	1.84E-01
3030	387619.61, 3750682.97	2.33231	6.85776	6.76699	3.53E-02	1.04E-01	1.02E-01	4.13E-02	1.22E-01	1.20E-01	6.13E-02	1.80E-01	1.78E-01
3031	387619.61, 3750732.97	2.29891	7.0937	6.99432	3.48E-02	1.07E-01	1.06E-01	4.07E-02	1.26E-01	1.24E-01	6.04E-02	1.86E-01	1.84E-01
3032	387619.61, 3750782.97	2.25951	6.98153	6.87876	3.42E-02	1.06E-01	1.04E-01	4.00E-02	1.24E-01	1.22E-01	5.94E-02	1.84E-01	1.81E-01
3033	387619.61, 3750832.97	2.22237	6.86888	6.766	3.36E-02	1.04E-01	1.02E-01	3.94E-02	1.22E-01	1.20E-01	5.84E-02	1.81E-01	1.78E-01
3034	387619.61, 3750882.97	2.18446	6.73309	6.65645	3.30E-02	1.02E-01	1.01E-01	3.87E-02	1.19E-01	1.18E-01	5.74E-02	1.77E-01	1.75E-01
3035	387619.61, 3750932.97	2.14632	6.65648	6.54978	3.25E-02	1.01E-01	9.90E-02	3.80E-02	1.18E-01	1.16E-01	5.64E-02	1.75E-01	1.72E-01
3036	387619.61, 3750982.97	2.10777	6.56533	6.43356	3.19E-02	9.93E-02	9.73E-02	3.73E-02	1.16E-01	1.14E-01	5.54E-02	1.73E-01	1.69E-01
3037	387619.61, 3751032.97	2.07278	6.40403	6.30879	3.13E-02	9.68E-02	9.54E-02	3.67E-02	1.13E-01	1.12E-01	5.45E-02	1.68E-01	1.66E-01
3038	387619.61, 3751082.97	2.03226	6.21993	6.11877	3.07E-02	9.40E-02	9.25E-02	3.60E-02	1.10E-01	1.08E-01	5.34E-02	1.64E-01	1.61E-01
3039	387619.61, 3751132.97	2.00118	6.34497	6.2795	3.03E-02	9.59E-02	9.49E-02	3.55E-02	1.12E-01	1.11E-01	5.26E-02	1.67E-01	1.65E-01
3040	387619.61, 3751182.97	1.96564	6.26958	6.21102	2.97E-02	9.48E-02	9.39E-02	3.48E-02	1.11E-01	1.10E-01	5.17E-02	1.65E-01	1.63E-01
3041	387619.61, 3751232.97	1.92894	6.20795	6.14576	2.92E-02	9.39E-02	9.29E-02	3.42E-02	1.10E-01	1.09E-01	5.07E-02	1.63E-01	1.62E-01
3042	387619.61, 3751282.97	1.88631	5.98812	5.92449	2.85E-02	9.05E-02	8.96E-02	3.34E-02	1.06E-01	1.05E-01	4.96E-02	1.57E-01	1.56E-01
3043	387619.61, 3751332.97	1.84923	6.10106	6.02691	2.80E-02	9.23E-02	9.11E-02	3.28E-02	1.08E-01	1.07E-01	4.86E-02	1.60E-01	1.58E-01
3044	387619.61, 3751382.97	1.80724	6.01535	5.91496	2.73E-02	9.10E-02	8.94E-02	3.20E-02	1.07E-01	1.05E-01	4.75E-02	1.58E-01	1.56E-01
3045	387619.61, 3751432.97	1.76442	5.89062	5.80627	2.67E-02	8.91E-02	8.78E-02	3.13E-02	1.04E-01	1.03E-01	4.64E-02	1.55E-01	1.53E-01
3046	387619.61, 3751482.97	1.72079	5.78883	5.73011	2.60E-02	8.75E-02	8.66E-02	3.05E-02	1.03E-01	1.02E-01	4.52E-02	1.52E-01	1.51E-01
3047	387619.61, 3751532.97	1.67525	5.7251	5.66862	2.53E-02	8.66E-02	8.57E-02	2.97E-02	1.01E-01	1.00E-01	4.40E-02	1.51E-01	1.49E-01
3048	387619.61, 3751582.97	1.62622	5.67187	5.60103	2.46E-02	8.58E-02	8.47E-02	2.88E-02	1.01E-01	9.92E-02	4.28E-02	1.49E-01	1.47E-01
3049	387619.61, 3751632.97	1.57352	5.60842	5.52185	2.38E-02	8.48E-02	8.35E-02	2.79E-02	9.94E-02	9.78E-02	4.14E-02	1.47E-01	1.45E-01
3050	387619.61, 3751682.97	1.51689	5.50216	5.406	2.29E-02	8.32E-02	8.17E-02	2.69E-02	9.75E-02	9.58E-02	3.99E-02	1.45E-01	1.42E-01
3051	387619.61, 3751732.97	1.45455	5.41101	5.32622	2.20E-02	8.18E-02	8.05E-02	2.58E-02	9.59E-02	9.44E-02	3.82E-02	1.42E-01	1.40E-01
3052	387619.61, 3751782.97	1.38731	5.30662	5.24363	2.10E-02	8.02E-02	7.93E-02	2.46E-02	9.40E-02	9.29E-02	3.65E-02	1.40E-01	1.38E-01
3053	387619.61, 3751832.97	1.31311	5.2283	5.16926	1.99E-02	7.91E-02	7.82E-02	2.33E-02	9.26E-02	9.16E-02	3.45E-02	1.37E-01	1.36E-01
3054	387669.61, 3749682.97	2.72825	7.20544	7.05825	4.13E-02	1.09E-01	1.07E-01	4.83E-02	1.28E-01	1.25E-01	7.17E-02	1.89E-01	1.86E-01
3055	387669.61, 3749732.97	2.69778	7.25135	7.09315	4.08E-02	1.10E-01	1.07E-01	4.78E-02	1.28E-01	1.26E-01	7.09E-02	1.91E-01	1.86E-01
3056	387669.61, 3749782.97	2.65213	7.05306	6.91792	4.01E-02	1.07E-01	1.05E-01	4.70E-02	1.25E-01	1.23E-01	6.97E-02	1.85E-01	1.82E-01
3057	387669.61, 3749832.97	2.60969	6.8878	6.72283	3.95E-02	1.04E-01	1.02E-01	4.62E-02	1.22E-01	1.19E-01	6.86E-02	1.81E-01	1.77E-01
3058	387669.61, 3749882.97	2.56928	6.75125	6.56521	3.88E-02	1.02E-01	9.93E-02	4.55E-02	1.20E-01	1.16E-01	6.75E-02	1.77E-01	1.73E-01
3059	387669.61, 3749932.97	2.53366	6.67781	6.53119	3.83E-02	1.01E-01	9.88E-02	4.49E-02	1.18E-01	1.16E-01	6.66E-02	1.76E-01	1.72E-01
3060	387669.61, 3749982.97	2.49764	6.62042	6.46271	3.78E-02	1.00E-01	9.77E-02	4.43E-02	1.17E-01	1.15E-01	6.57E-02	1.74E-01	1.70E-01
3061	387669.61, 3750032.97	2.47057	6.60589	6.50162	3.74E-02	9.99E-02	9.83E-02	4.38E-02	1.17E-01	1.15E-01	6.50E-02	1.74E-01	1.71E-01
3062	387669.61, 3750082.97	2.42885	6.52443	6.3707	3.67E-02	9.87E-02	9.63E-02	4.30E-02	1.16E-01	1.13E-01	6.39E-02	1.72E-01	1.67E-01
3063	387669.61, 3750132.97	2.39465	6.50105	6.35072	3.62E-02	9.83E-02	9.60E-02	4.24E-02	1.15E-01	1.13E-01	6.30E-02	1.71E-01	1.67E-01
3064	387669.61, 3750182.97	2.37364	6.75518	6.62189	3.59E-02	1.02E-01	1.00E-01	4.21E-02	1.20E-01	1.17E-01	6.24E-02	1.78E-01	1.74E-01
3065	387669.61, 3750232.97	2.35553	7.03843	6.95412	3.56E-02	1.06E-01	1.05E-01	4.17E-02	1.25E-01	1.23E-01	6.19E-02	1.85E-01	1.83E-01
3066	387669.61, 3750282.97	2.3246	7.08825	6.97063	3.51E-02	1.07E-01	1.05E-01	4.12E-02	1.26E-01	1.24E-01	6.11E-02	1.86E-01	1.83E-01
3067	387669.61, 3750332.97	2.28805	6.92883	6.77305	3.46E-02	1.05E-01	1.02E-01	4.05E-02	1.23E-01	1.20E-01	6.02E-02	1.82E-01	1.78E-01
3068	387669.61, 3750382.97	2.25486	6.70208	6.53555	3.41E-02	1.01E-01	9.88E-02	4.00E-02	1.19E-01	1.16E-01	5.93E-02	1.76E-01	1.72E-01
3069	387669.61, 3750432.97	2.22372	6.48075	6.36011	3.36E-02	9.80E-02	9.62E-02	3.94E-02	1.15E-01	1.13E-01	5.85E-02	1.70E-01	1.67E-01
3070	387669.61, 3750482.97	2.19061	6.36886	6.27585	3.31E-02	9.63E-02	9.49E-02	3.88E-02	1.13E-01	1.11E-01	5.76E-02	1.67E-01	1.65E-01
3071	387669.61, 3750532.97	2.166	6.39864	6.33269	3.28E-02	9.68E-02	9.58E-02	3.84E-02	1.13E-01	1.12E-01	5.69E-02	1.68E-01	1.66E-01
3072	387669.61, 3750582.97	2.13321	6.24185	6.17412	3.23E-02	9.44E-02	9.34E-02	3.78E-02	1.11E-01	1.09E-01	5.61E-02	1.64E-01	1.62E-01
3073	387669.61, 3750632.97	2.10846	6.27124	6.21943	3.19E-02	9.48E-02	9.40E-02	3.74E-02	1.11E-01	1.10E-01	5.54E-02	1.65E-01	1.64E-01
3074	387669.61, 3750682.97	2.08413	6.32314	6.27132	3.15E-02	9.56E-02	9.48E-02	3.69E-02	1.12E-01	1.11E-01	5.48E-02	1.66E-01	1.65E-01
3075	387669.61, 3750732.97	2.05508	6.46337	6.4003	3.11E-02	9.77E-02	9.68E-02	3.64E-02	1.15E-01	1.13E-01	5.40E-02	1.70E-01	1.68E-01

3076	387669.61, 3750782.97	2.02113	6.28551	6.22116	3.06E-02	9.50E-02	9.41E-02	3.58E-02	1.11E-01	1.10E-01	5.31E-02	1.65E-01	1.64E-01
3077	387669.61, 3750832.97	1.98877	6.32045	6.23155	3.01E-02	9.56E-02	9.42E-02	3.52E-02	1.12E-01	1.10E-01	5.23E-02	1.66E-01	1.64E-01
3078	387669.61, 3750882.97	1.95622	6.23258	6.13875	2.96E-02	9.42E-02	9.28E-02	3.47E-02	1.10E-01	1.09E-01	5.14E-02	1.64E-01	1.61E-01
3079	387669.61, 3750932.97	1.92584	6.2139	6.08909	2.91E-02	9.40E-02	9.21E-02	3.41E-02	1.10E-01	1.08E-01	5.06E-02	1.63E-01	1.60E-01
3080	387669.61, 3750982.97	1.89517	6.03046	5.92964	2.87E-02	9.12E-02	8.97E-02	3.36E-02	1.07E-01	1.05E-01	4.98E-02	1.59E-01	1.56E-01
3081	387669.61, 3751032.97	1.86523	6.02946	5.89472	2.82E-02	9.12E-02	8.91E-02	3.31E-02	1.07E-01	1.04E-01	4.90E-02	1.59E-01	1.55E-01
3082	387669.61, 3751082.97	1.83414	5.84357	5.76845	2.77E-02	8.84E-02	8.72E-02	3.25E-02	1.04E-01	1.02E-01	4.82E-02	1.54E-01	1.52E-01
3083	387669.61, 3751132.97	1.80441	5.86104	5.79484	2.73E-02	8.86E-02	8.76E-02	3.20E-02	1.04E-01	1.03E-01	4.74E-02	1.54E-01	1.52E-01
3084	387669.61, 3751182.97	1.77274	5.78996	5.73415	2.68E-02	8.75E-02	8.67E-02	3.14E-02	1.03E-01	1.02E-01	4.66E-02	1.52E-01	1.51E-01
3085	387669.61, 3751232.97	1.74078	5.72644	5.66746	2.63E-02	8.66E-02	8.57E-02	3.08E-02	1.01E-01	1.00E-01	4.58E-02	1.51E-01	1.49E-01
3086	387669.61, 3751282.97	1.70336	5.51041	5.45962	2.58E-02	8.33E-02	8.26E-02	3.02E-02	9.76E-02	9.67E-02	4.48E-02	1.45E-01	1.44E-01
3087	387669.61, 3751332.97	1.66831	5.56387	5.47509	2.52E-02	8.41E-02	8.28E-02	2.96E-02	9.86E-02	9.70E-02	4.39E-02	1.46E-01	1.44E-01
3088	387669.61, 3751382.97	1.63139	5.46865	5.37576	2.47E-02	8.27E-02	8.13E-02	2.89E-02	9.69E-02	9.53E-02	4.29E-02	1.44E-01	1.41E-01
3089	387669.61, 3751432.97	1.59895	5.47562	5.38956	2.42E-02	8.28E-02	8.15E-02	2.83E-02	9.70E-02	9.55E-02	4.20E-02	1.44E-01	1.42E-01
3090	387669.61, 3751482.97	1.56153	5.36917	5.30595	2.36E-02	8.12E-02	8.02E-02	2.77E-02	9.51E-02	9.40E-02	4.11E-02	1.41E-01	1.39E-01
3091	387669.61, 3751532.97	1.52123	5.30981	5.25094	2.30E-02	8.03E-02	7.94E-02	2.70E-02	9.41E-02	9.30E-02	4.00E-02	1.40E-01	1.38E-01
3092	387669.61, 3751582.97	1.47833	5.27005	5.20225	2.24E-02	7.97E-02	7.87E-02	2.62E-02	9.34E-02	9.22E-02	3.89E-02	1.39E-01	1.37E-01
3093	387669.61, 3751632.97	1.43302	5.208	5.12583	2.17E-02	7.87E-02	7.75E-02	2.54E-02	9.23E-02	9.08E-02	3.77E-02	1.37E-01	1.35E-01
3094	387669.61, 3751682.97	1.38224	5.13079	5.04436	2.09E-02	7.76E-02	7.63E-02	2.45E-02	9.09E-02	8.94E-02	3.63E-02	1.35E-01	1.33E-01
3095	387669.61, 3751732.97	1.32803	5.03716	4.95672	2.01E-02	7.62E-02	7.49E-02	2.35E-02	8.93E-02	8.78E-02	3.49E-02	1.32E-01	1.30E-01
3096	387669.61, 3751782.97	1.26835	4.96014	4.89534	1.92E-02	7.50E-02	7.40E-02	2.25E-02	8.79E-02	8.67E-02	3.33E-02	1.30E-01	1.29E-01
3097	387719.61, 3749332.97	2.41152	6.12835	5.85462	3.65E-02	9.27E-02	8.85E-02	4.27E-02	1.09E-01	1.04E-01	6.34E-02	1.61E-01	1.54E-01
3098	387719.61, 3749382.97	2.40591	6.14428	5.85988	3.64E-02	9.29E-02	8.86E-02	4.26E-02	1.09E-01	1.04E-01	6.33E-02	1.62E-01	1.54E-01
3099	387719.61, 3749432.97	2.40043	6.14544	5.86017	3.63E-02	9.29E-02	8.86E-02	4.25E-02	1.09E-01	1.04E-01	6.31E-02	1.62E-01	1.54E-01
3100	387719.61, 3749482.97	2.39424	6.13678	5.86432	3.62E-02	9.28E-02	8.87E-02	4.24E-02	1.09E-01	1.04E-01	6.29E-02	1.61E-01	1.54E-01
3101	387719.61, 3749532.97	2.38787	6.16984	5.94313	3.61E-02	9.33E-02	8.99E-02	4.23E-02	1.09E-01	1.05E-01	6.28E-02	1.62E-01	1.56E-01
3102	387719.61, 3749582.97	2.39744	6.30898	6.17751	3.63E-02	9.54E-02	9.34E-02	4.25E-02	1.12E-01	1.09E-01	6.30E-02	1.66E-01	1.62E-01
3103	387719.61, 3749632.97	2.39078	6.49578	6.3391	3.61E-02	9.82E-02	9.59E-02	4.24E-02	1.15E-01	1.12E-01	6.29E-02	1.71E-01	1.67E-01
3104	387719.61, 3749682.97	2.36852	6.64815	6.46721	3.58E-02	1.01E-01	9.78E-02	4.20E-02	1.18E-01	1.15E-01	6.23E-02	1.75E-01	1.70E-01
3105	387719.61, 3749732.97	2.35845	6.89834	6.74541	3.57E-02	1.04E-01	1.02E-01	4.18E-02	1.22E-01	1.20E-01	6.20E-02	1.81E-01	1.77E-01
3106	387719.61, 3749782.97	2.34108	6.95737	6.85579	3.54E-02	1.05E-01	1.04E-01	4.15E-02	1.23E-01	1.21E-01	6.15E-02	1.83E-01	1.80E-01
3107	387719.61, 3749832.97	2.31289	6.82455	6.7339	3.50E-02	1.03E-01	1.02E-01	4.10E-02	1.21E-01	1.19E-01	6.08E-02	1.79E-01	1.77E-01
3108	387719.61, 3749882.97	2.28394	6.67241	6.61369	3.45E-02	1.01E-01	1.00E-01	4.05E-02	1.18E-01	1.17E-01	6.00E-02	1.75E-01	1.74E-01
3109	387719.61, 3749932.97	2.26095	6.70891	6.65902	3.42E-02	1.01E-01	1.01E-01	4.01E-02	1.19E-01	1.18E-01	5.94E-02	1.76E-01	1.75E-01
3110	387719.61, 3749982.97	2.2391	6.76251	6.70435	3.39E-02	1.02E-01	1.01E-01	3.97E-02	1.20E-01	1.19E-01	5.89E-02	1.78E-01	1.76E-01
3111	387719.61, 3750032.97	2.20157	6.63079	6.53833	3.33E-02	1.00E-01	9.89E-02	3.90E-02	1.17E-01	1.16E-01	5.79E-02	1.74E-01	1.72E-01
3112	387719.61, 3750082.97	2.17094	6.54662	6.43627	3.28E-02	9.90E-02	9.73E-02	3.85E-02	1.16E-01	1.14E-01	5.71E-02	1.72E-01	1.69E-01
3113	387719.61, 3750132.97	2.1361	6.34952	6.23767	3.23E-02	9.60E-02	9.43E-02	3.79E-02	1.13E-01	1.11E-01	5.62E-02	1.67E-01	1.64E-01
3114	387719.61, 3750182.97	2.11292	6.25161	6.13638	3.19E-02	9.45E-02	9.28E-02	3.74E-02	1.11E-01	1.09E-01	5.55E-02	1.64E-01	1.61E-01
3115	387719.61, 3750232.97	2.08634	6.22488	6.11283	3.15E-02	9.41E-02	9.24E-02	3.70E-02	1.10E-01	1.08E-01	5.48E-02	1.64E-01	1.61E-01
3116	387719.61, 3750282.97	2.06479	6.2588	6.14491	3.12E-02	9.46E-02	9.29E-02	3.66E-02	1.11E-01	1.09E-01	5.43E-02	1.65E-01	1.62E-01
3117	387719.61, 3750332.97	2.0387	6.21242	6.08282	3.08E-02	9.39E-02	9.20E-02	3.61E-02	1.10E-01	1.08E-01	5.36E-02	1.63E-01	1.60E-01
3118	387719.61, 3750382.97	2.01743	6.19443	6.04105	3.05E-02	9.37E-02	9.13E-02	3.57E-02	1.10E-01	1.07E-01	5.30E-02	1.63E-01	1.59E-01
3119	387719.61, 3750432.97	1.99146	5.99217	5.86157	3.01E-02	9.06E-02	8.86E-02	3.53E-02	1.06E-01	1.04E-01	5.24E-02	1.58E-01	1.54E-01
3120	387719.61, 3750482.97	1.96224	5.82653	5.71937	2.97E-02	8.81E-02	8.65E-02	3.48E-02	1.03E-01	1.01E-01	5.16E-02	1.53E-01	1.50E-01
3121	387719.61, 3750532.97	1.944	5.86598	5.78862	2.94E-02	8.87E-02	8.75E-02	3.44E-02	1.04E-01	1.03E-01	5.11E-02	1.54E-01	1.52E-01
3122	387719.61, 3750582.97	1.92082	5.80401	5.75199	2.90E-02	8.78E-02	8.70E-02	3.40E-02	1.03E-01	1.02E-01	5.05E-02	1.53E-01	1.51E-01
3123	387719.61, 3750632.97	1.89861	5.77359	5.72213	2.87E-02	8.73E-02	8.65E-02	3.36E-02	1.02E-01	1.01E-01	4.99E-02	1.52E-01	1.50E-01
3124	387719.61, 3750682.97	1.87748	5.80574	5.76534	2.84E-02	8.78E-02	8.72E-02	3.33E-02	1.03E-01	1.02E-01	4.94E-02	1.53E-01	1.52E-01
3125	387719.61, 3750732.97	1.85406	5.94639	5.89004	2.80E-02	8.99E-02	8.91E-02	3.29E-02	1.05E-01	1.04E-01	4.87E-02	1.56E-01	1.55E-01
3126	387719.61, 3750782.97	1.82745	5.90254	5.83903	2.76E-02	8.92E-02	8.83E-02	3.24E-02	1.05E-01	1.03E-01	4.80E-02	1.55E-01	1.54E-01
3127	387719.61, 3750832.97	1.79929	5.84385	5.76988	2.72E-02	8.84E-02	8.72E-02	3.19E-02	1.04E-01	1.02E-01	4.73E-02	1.54E-01	1.52E-01
3128	387719.61, 3750882.97	1.77174	5.77476	5.69305	2.68E-02	8.73E-02	8.61E-02	3.14E-02	1.02E-01	1.01E-01	4.66E-02	1.52E-01	1.50E-01
3129	387719.61, 3750932.97	1.74648	5.68669	5.60087	2.64E-02	8.60E-02	8.47E-02	3.09E-02	1.01E-01	9.92E-02	4.59E-02	1.50E-01	1.47E-01
3130	387719.61, 3750982.97	1.722	5.74451	5.62756	2.60E-02	8.69E-02	8.51E-02	3.05E-02	1.02E-01	9.97E-02	4.53E-02	1.51E-01	1.48E-01
3131	387719.61, 3751032.97	1.69248	5.5109	5.42412	2.56E-02	8.33E-02	8.20E-02	3.00E-02	9.77E-02	9.61E-02	4.45E-02	1.45E-01	1.43E-01
3132	387719.61, 3751082.97	1.66591	5.43484	5.35748	2.52E-02	8.22E-02	8.10E-02	2.95E-02	9.63E-02	9.49E-02	4.38E-02	1.43E-01	1.41E-01
3133	387719.61, 3751132.97	1.64158	5.47272	5.38719	2.48E-02	8.28E-02	8.15E-02	2.91E-02	9.70E-02	9.55E-02	4.32E-02	1.44E-01	1.42E-01
3134	387719.61, 3751182.97	1.61369	5.38935	5.33409	2.44E-02	8.15E-02	8.07E-02	2.86E-02	9.55E-02	9.45E-02	4.24E-02	1.42E-01	1.40E-01
3135	387719.61, 3751232.97	1.58539	5.32905	5.2765	2.40E-02	8.06E-02	7.98E-02	2.81E-02	9.44E-02	9.35E-02	4.17E-02	1.40E-01	1.39E-01
3136	387719.61, 3751282.97	1.55232	5.22054	5.15606	2.35E-02	7.89E-02	7.80E-02	2.75E-02	9.25E-02	9.14E-02	4.08E-02	1.37E-01	1.36E-01
3137	387719.61, 3751332.97	1.52158	5.18156	5.10136	2.30E-02	7.83E-02	7.71E-02	2.70E-02	9.18E-02	9.04E-02	4.00E-02	1.36E-01	1.34E-01
3138	387769.61, 3748982.97	1.55525	4.5224	4.34201	2.35E-02	6.84E-02	6.57E-02	2.76E-02	8.01E-02	7.69E-02	4.09E-02	1.19E-01	1.14E-01
3139	387769.61, 3749032.97	1.74183	4.92986	4.77133	2.63E-02	7.45E-02	7.21E-02	3.09E-02	8.74E-02	8.45E-02	4.58E-02	1.30E-01	1.25E-01
3140	387769.61, 3749082.97	1.87991	5.12648	4.99678	2.84E-02	7.75E-02	7.56E-02	3.33E-02	9.08E-02	8.85E-02	4.94E-02	1.35E-01	1.31E-01
3141	387769.61, 3749132.97	1.96645	5.20673	5.10704	2.97E-02	7.87E-02	7.72E-02	3.48E-02	9.23E-02	9.05E-02	5.17E-02	1.37E-01	1.34E-01
3142	387769.61, 3749182.97	2.01659	5.22463	5.14245	3.05E-02	7.90E-02	7.78E-02	3.57E-02	9.26E-02	9.11E-02	5.30E-02	1.37E-01	1.35E-01
3143	387769.61, 3749232.97	2.04424	5.22084	5.14688	3.09E-02	7.89E-02	7.78E-02	3.62E-02	9.25E-02	9.12E-02	5.37E-02	1.37E-01	1.35E-01
3144	387769.61, 3749282.97	2.06037	5.26093	5.12659	3.12E-02	7.95E-02	7.75E-02	3.65E-02	9.32E-02	9.08E-02	5.42E-02	1.38E-01	1.35E-01
3145	387769.61, 3749332.97	2.07132	5.30036	5.12241	3.13E-02	8.01E-02	7.75E-02	3.67E-02	9.39E-02	9.08E-02	5.45E-02	1.39E-01	1.35E-01
3146	387769.61, 3749382.97	2.0758	5.3075	5.09424	3.14E-02	8.03E-02	7.70E-02	3.68E-02	9.40E-02	9.03E-02	5.46E-02	1.40E-01	1.34E-01
3147	387769.61, 3749432.97	2.07858	5.31978	5.09407	3.14E-02	8.04E-02	7.70E-02	3.68E-02	9.43E-02	9.03E-02	5.46E-02	1.40E-01	1.34E-01
3148	387769.61, 3749482.97	2.07892	5.36629	5.14222	3.14E-02	8.11E-02	7.78E-02	3.68E-02	9.51E-02	9.11E-02	5.47E-02	1.41E-01	1.35E-01
3149	387769.61, 3749532.97	2.08042	5.45383	5.28889	3.15E-02	8.25E-02	8.00E-02	3.69E-02	9.66E-02	9.37E-02	5.47E-02	1.43E-01	1.39E-01
3150	387769.61, 3749582.97	2.09075	5.66624	5.53859	3.16E-02	8.57E-02	8.37E-02	3.70E-02	1.00E-01	9.81E-02	5.50E-02	1.49E-01	1.46E-01
3151	387769.61, 3749632.97	2.0979	5.86645	5.72933	3.17E-02	8.87E-02	8.66E-02	3.72E-02	1.04E-01	1.02E-01	5.52E-02	1.54E-01	1.51E-01
3152	387769.61, 3749682.97	2.08415	5.98694	5.83409	3.15E-02	9.05E-02	8.82E-02	3.69E-02	1.06E-01	1.03E-01	5.48E-02	1.57E-01	1.53E-01

3153	387769.61, 3749732.97	2.0777	6.14889	5.98955	3.14E-02	9.30E-02	9.06E-02	3.68E-02	1.09E-01	1.06E-01	5.46E-02	1.62E-01	1.57E-01
3154	387769.61, 3749782.97	2.06524	6.20663	6.08472	3.12E-02	9.38E-02	9.20E-02	3.66E-02	1.10E-01	1.08E-01	5.43E-02	1.63E-01	1.60E-01
3155	387769.61, 3749832.97	2.04476	6.08248	5.97475	3.09E-02	9.20E-02	9.03E-02	3.62E-02	1.08E-01	1.06E-01	5.38E-02	1.60E-01	1.57E-01
3156	387769.61, 3749882.97	2.02725	6.0701	5.97454	3.07E-02	9.18E-02	9.03E-02	3.59E-02	1.08E-01	1.06E-01	5.33E-02	1.60E-01	1.57E-01
3157	387769.61, 3749932.97	2.00898	6.02129	5.96694	3.04E-02	9.10E-02	9.02E-02	3.56E-02	1.07E-01	1.06E-01	5.28E-02	1.58E-01	1.57E-01
3158	387769.61, 3749982.97	1.9864	5.97952	5.92285	3.00E-02	9.04E-02	8.96E-02	3.52E-02	1.06E-01	1.05E-01	5.22E-02	1.57E-01	1.56E-01
3159	387769.61, 3750032.97	1.96889	6.03661	5.95705	2.98E-02	9.13E-02	9.01E-02	3.49E-02	1.07E-01	1.06E-01	5.18E-02	1.59E-01	1.57E-01
3160	387769.61, 3750082.97	1.95351	6.10188	6.02514	2.95E-02	9.23E-02	9.11E-02	3.46E-02	1.08E-01	1.07E-01	5.14E-02	1.60E-01	1.58E-01
3161	387769.61, 3750132.97	1.93849	6.09712	6.03748	2.93E-02	9.22E-02	9.13E-02	3.43E-02	1.08E-01	1.07E-01	5.10E-02	1.60E-01	1.59E-01
3162	387769.61, 3750182.97	1.91313	5.96131	5.89498	2.89E-02	9.01E-02	8.91E-02	3.39E-02	1.06E-01	1.04E-01	5.03E-02	1.57E-01	1.55E-01
3163	387769.61, 3750232.97	1.89336	5.99862	5.93445	2.86E-02	9.07E-02	8.97E-02	3.35E-02	1.06E-01	1.05E-01	4.98E-02	1.58E-01	1.56E-01
3164	387769.61, 3750282.97	1.8699	5.95222	5.87047	2.83E-02	9.00E-02	8.88E-02	3.31E-02	1.05E-01	1.04E-01	4.92E-02	1.56E-01	1.54E-01
3165	387769.61, 3750332.97	1.84735	5.866	5.75901	2.79E-02	8.87E-02	8.71E-02	3.27E-02	1.04E-01	1.02E-01	4.86E-02	1.54E-01	1.51E-01
3166	387769.61, 3750382.97	1.83233	5.87722	5.74977	2.77E-02	8.89E-02	8.69E-02	3.25E-02	1.04E-01	1.02E-01	4.82E-02	1.55E-01	1.51E-01
3167	387769.61, 3750432.97	1.81049	5.74488	5.61077	2.74E-02	8.69E-02	8.48E-02	3.21E-02	1.02E-01	9.94E-02	4.76E-02	1.51E-01	1.48E-01
3168	387769.61, 3750482.97	1.78156	5.4847	5.37522	2.69E-02	8.29E-02	8.13E-02	3.16E-02	9.72E-02	9.52E-02	4.68E-02	1.44E-01	1.41E-01
3169	387769.61, 3750532.97	1.77379	5.65315	5.59649	2.68E-02	8.55E-02	8.46E-02	3.14E-02	1.00E-01	9.92E-02	4.66E-02	1.49E-01	1.47E-01
3170	387769.61, 3750582.97	1.75154	5.54361	5.49843	2.65E-02	8.38E-02	8.31E-02	3.10E-02	9.82E-02	9.74E-02	4.60E-02	1.46E-01	1.45E-01
3171	387769.61, 3750632.97	1.72959	5.48007	5.43675	2.62E-02	8.29E-02	8.22E-02	3.06E-02	9.71E-02	9.63E-02	4.55E-02	1.44E-01	1.43E-01
3172	387769.61, 3750682.97	1.70808	5.44637	5.38656	2.58E-02	8.24E-02	8.14E-02	3.03E-02	9.65E-02	9.54E-02	4.49E-02	1.43E-01	1.42E-01
3173	387769.61, 3750732.97	1.68837	5.5088	5.46027	2.55E-02	8.33E-02	8.26E-02	2.99E-02	9.76E-02	9.68E-02	4.44E-02	1.45E-01	1.44E-01
3174	387769.61, 3750782.97	1.66702	5.50293	5.43726	2.52E-02	8.32E-02	8.22E-02	2.95E-02	9.75E-02	9.63E-02	4.38E-02	1.45E-01	1.43E-01
3175	387769.61, 3750832.97	1.64176	5.4403	5.37275	2.48E-02	8.23E-02	8.12E-02	2.91E-02	9.64E-02	9.52E-02	4.32E-02	1.43E-01	1.41E-01
3176	387769.61, 3750882.97	1.61767	5.37824	5.30534	2.45E-02	8.13E-02	8.02E-02	2.87E-02	9.53E-02	9.40E-02	4.25E-02	1.41E-01	1.39E-01
3177	387819.61, 3748982.97	1.31807	3.9438	3.7704	1.99E-02	5.96E-02	5.70E-02	2.34E-02	6.99E-02	6.68E-02	3.47E-02	1.04E-01	9.91E-02
3178	387819.61, 3749032.97	1.4716	4.35157	4.19229	2.23E-02	6.58E-02	6.34E-02	2.61E-02	7.71E-02	7.43E-02	3.87E-02	1.14E-01	1.10E-01
3179	387819.61, 3749082.97	1.59508	4.55547	4.42822	2.41E-02	6.89E-02	6.70E-02	2.83E-02	8.07E-02	7.85E-02	4.19E-02	1.20E-01	1.16E-01
3180	387819.61, 3749132.97	1.68141	4.63263	4.53905	2.54E-02	7.00E-02	6.86E-02	2.98E-02	8.21E-02	8.04E-02	4.42E-02	1.22E-01	1.19E-01
3181	387819.61, 3749182.97	1.73701	4.65502	4.57822	2.63E-02	7.04E-02	6.92E-02	3.08E-02	8.25E-02	8.11E-02	4.57E-02	1.22E-01	1.20E-01
3182	387819.61, 3749232.97	1.77307	4.6796	4.61385	2.68E-02	7.08E-02	6.98E-02	3.14E-02	8.29E-02	8.18E-02	4.66E-02	1.23E-01	1.21E-01
3183	387819.61, 3749282.97	1.79506	4.64709	4.59718	2.71E-02	7.03E-02	6.95E-02	3.18E-02	8.23E-02	8.15E-02	4.72E-02	1.22E-01	1.21E-01
3184	387819.61, 3749332.97	1.8107	4.6666	4.59056	2.74E-02	7.06E-02	6.94E-02	3.21E-02	8.27E-02	8.13E-02	4.76E-02	1.23E-01	1.21E-01
3185	387819.61, 3749382.97	1.82109	4.69232	4.57414	2.75E-02	7.10E-02	6.92E-02	3.23E-02	8.31E-02	8.11E-02	4.79E-02	1.23E-01	1.20E-01
3186	387819.61, 3749432.97	1.82843	4.72571	4.56848	2.76E-02	7.15E-02	6.91E-02	3.24E-02	8.37E-02	8.10E-02	4.81E-02	1.24E-01	1.20E-01
3187	387819.61, 3749482.97	1.83425	4.7776	4.62696	2.77E-02	7.22E-02	7.00E-02	3.25E-02	8.47E-02	8.20E-02	4.82E-02	1.26E-01	1.22E-01
3188	387819.61, 3749532.97	1.8396	4.92506	4.77936	2.78E-02	7.45E-02	7.23E-02	3.26E-02	8.73E-02	8.47E-02	4.84E-02	1.29E-01	1.26E-01
3189	387819.61, 3749582.97	1.84409	5.07281	4.92951	2.79E-02	7.67E-02	7.45E-02	3.27E-02	8.99E-02	8.73E-02	4.85E-02	1.33E-01	1.30E-01
3190	387819.61, 3749632.97	1.85882	5.28182	5.15681	2.81E-02	7.99E-02	7.80E-02	3.29E-02	9.36E-02	9.14E-02	4.89E-02	1.39E-01	1.36E-01
3191	387819.61, 3749682.97	1.8476	5.3326	5.20568	2.79E-02	8.06E-02	7.87E-02	3.27E-02	9.45E-02	9.22E-02	4.86E-02	1.40E-01	1.37E-01
3192	387819.61, 3749732.97	1.84473	5.43078	5.29885	2.79E-02	8.21E-02	8.01E-02	3.27E-02	9.62E-02	9.39E-02	4.85E-02	1.43E-01	1.39E-01
3193	387819.61, 3749782.97	1.83852	5.49897	5.36938	2.78E-02	8.31E-02	8.12E-02	3.26E-02	9.74E-02	9.51E-02	4.83E-02	1.45E-01	1.41E-01
3194	387819.61, 3749832.97	1.82947	5.55434	5.42707	2.77E-02	8.40E-02	8.21E-02	3.24E-02	9.84E-02	9.62E-02	4.81E-02	1.46E-01	1.43E-01
3195	387819.61, 3749882.97	1.81803	5.56781	5.45274	2.75E-02	8.42E-02	8.24E-02	3.22E-02	9.87E-02	9.66E-02	4.78E-02	1.46E-01	1.43E-01
3196	387819.61, 3749932.97	1.80452	5.52808	5.45297	2.73E-02	8.36E-02	8.25E-02	3.20E-02	9.80E-02	9.66E-02	4.74E-02	1.45E-01	1.43E-01
3197	387819.61, 3749982.97	1.78925	5.46914	5.40499	2.71E-02	8.27E-02	8.17E-02	3.17E-02	9.69E-02	9.58E-02	4.70E-02	1.44E-01	1.42E-01
3198	387819.61, 3750032.97	1.77196	5.42326	5.35873	2.68E-02	8.20E-02	8.10E-02	3.14E-02	9.61E-02	9.50E-02	4.66E-02	1.43E-01	1.41E-01
3199	387819.61, 3750082.97	1.7682	5.61845	5.5552	2.67E-02	8.50E-02	8.40E-02	3.13E-02	9.96E-02	9.84E-02	4.65E-02	1.48E-01	1.46E-01
3200	387819.61, 3750132.97	1.75726	5.64293	5.5842	2.66E-02	8.53E-02	8.44E-02	3.11E-02	1.00E-01	9.89E-02	4.62E-02	1.48E-01	1.47E-01
3201	387819.61, 3750182.97	1.73653	5.53356	5.46259	2.63E-02	8.37E-02	8.26E-02	3.08E-02	9.81E-02	9.68E-02	4.57E-02	1.45E-01	1.44E-01
3202	387819.61, 3750232.97	1.72052	5.56225	5.49637	2.60E-02	8.41E-02	8.31E-02	3.05E-02	9.86E-02	9.74E-02	4.52E-02	1.46E-01	1.44E-01
3203	387819.61, 3750282.97	1.70139	5.51986	5.44417	2.57E-02	8.35E-02	8.23E-02	3.01E-02	9.78E-02	9.65E-02	4.47E-02	1.45E-01	1.43E-01
3204	387819.61, 3750332.97	1.6841	5.53986	5.43635	2.55E-02	8.38E-02	8.22E-02	2.98E-02	9.82E-02	9.63E-02	4.43E-02	1.46E-01	1.43E-01
3205	387819.61, 3750382.97	1.67143	5.48413	5.37025	2.53E-02	8.29E-02	8.12E-02	2.96E-02	9.72E-02	9.52E-02	4.39E-02	1.44E-01	1.41E-01
3206	387819.61, 3750432.97	1.65312	5.37868	5.25676	2.50E-02	8.13E-02	7.95E-02	2.93E-02	9.53E-02	9.31E-02	4.35E-02	1.41E-01	1.38E-01
3207	387869.61, 3748982.97	1.14353	3.50145	3.33832	1.73E-02	5.29E-02	5.05E-02	2.03E-02	6.20E-02	5.92E-02	3.01E-02	9.21E-02	8.78E-02
3208	387869.61, 3749032.97	1.26974	3.88692	3.73627	1.92E-02	5.88E-02	5.65E-02	2.25E-02	6.89E-02	6.62E-02	3.34E-02	1.02E-01	9.82E-02
3209	387869.61, 3749082.97	1.37883	4.10835	3.97796	2.08E-02	6.21E-02	6.01E-02	2.44E-02	7.28E-02	7.05E-02	3.62E-02	1.08E-01	1.05E-01
3210	387869.61, 3749132.97	1.46094	4.19114	4.09068	2.21E-02	6.34E-02	6.19E-02	2.59E-02	7.43E-02	7.25E-02	3.84E-02	1.10E-01	1.08E-01
3211	387869.61, 3749182.97	1.51833	4.20418	4.13112	2.30E-02	6.36E-02	6.25E-02	2.69E-02	7.45E-02	7.32E-02	3.99E-02	1.11E-01	1.09E-01
3212	387869.61, 3749232.97	1.55637	4.19066	4.12916	2.35E-02	6.34E-02	6.24E-02	2.76E-02	7.43E-02	7.32E-02	4.09E-02	1.10E-01	1.09E-01
3213	387869.61, 3749282.97	1.58512	4.2116	4.15925	2.40E-02	6.37E-02	6.29E-02	2.81E-02	7.46E-02	7.37E-02	4.17E-02	1.11E-01	1.09E-01
3214	387869.61, 3749332.97	1.6051	4.22665	4.16952	2.43E-02	6.39E-02	6.30E-02	2.84E-02	7.49E-02	7.39E-02	4.22E-02	1.11E-01	1.10E-01
3215	387869.61, 3749382.97	1.61897	4.23197	4.17426	2.45E-02	6.40E-02	6.31E-02	2.87E-02	7.50E-02	7.40E-02	4.26E-02	1.11E-01	1.10E-01
3216	387869.61, 3749432.97	1.62942	4.28094	4.18046	2.46E-02	6.47E-02	6.32E-02	2.89E-02	7.59E-02	7.41E-02	4.28E-02	1.13E-01	1.10E-01
3217	387869.61, 3749482.97	1.63839	4.35972	4.22695	2.48E-02	6.59E-02	6.39E-02	2.90E-02	7.73E-02	7.49E-02	4.31E-02	1.15E-01	1.11E-01
3218	387869.61, 3749532.97	1.64628	4.50824	4.36193	2.49E-02	6.82E-02	6.60E-02	2.92E-02	7.99E-02	7.73E-02	4.33E-02	1.19E-01	1.15E-01
3219	387869.61, 3749582.97	1.65277	4.64602	4.50327	2.50E-02	7.03E-02	6.81E-02	2.93E-02	8.23E-02	7.98E-02	4.35E-02	1.22E-01	1.18E-01
3220	387869.61, 3749632.97	1.65494	4.72707	4.60182	2.50E-02	7.15E-02	6.96E-02	2.93E-02	8.38E-02	8.15E-02	4.35E-02	1.24E-01	1.21E-01
3221	387869.61, 3749682.97	1.65957	4.88773	4.78177	2.51E-02	7.39E-02	7.23E-02	2.94E-02	8.66E-02	8.47E-02	4.36E-02	1.28E-01	1.26E-01
3222	387869.61, 3749732.97	1.66183	4.99224	4.87437	2.51E-02	7.55E-02	7.37E-02	2.94E-02	8.85E-02	8.64E-02	4.37E-02	1.31E-01	1.28E-01
3223	387869.61, 3749782.97	1.66617	5.20559	5.0781	2.52E-02	7.87E-02	7.68E-02	2.95E-02	9.22E-02	9.00E-02	4.38E-02	1.37E-01	1.34E-01
3224	387869.61, 3749832.97	1.6545	5.1253	5.00757	2.50E-02	7.75E-02	7.57E-02	2.93E-02	9.08E-02	8.87E-02	4.35E-02	1.35E-01	1.32E-01
3225	387869.61, 3749882.97	1.65573	5.25407	5.17149	2.50E-02	7.94E-02	7.82E-02	2.93E-02	9.31E-02	9.16E-02	4.35E-02	1.38E-01	1.36E-01
3226	387869.61, 3749932.97	1.65295	5.32599	5.26244	2.50E-02	8.05E-02	7.96E-02	2.93E-02	9.44E-02	9.32E-02	4.35E-02	1.40E-01	1.38E-01
3227	387869.61, 3749982.97	1.64117	5.26931	5.22175	2.48E-02	7.97E-02	7.90E-02	2.91E-02	9.34E-02	9.25E-02	4.31E-02	1.39E-01	1.37E-01
3228	387869.61, 3750032.97	1.62802	5.23325	5.18649	2.46E-02	7.91E-02	7.84E-02	2.88E-02	9.27E-02	9.19E-02	4.28E-02	1.38E-01	1.36E-01
3229	387919.61, 3748982.97	1.00889	3.1423	2.98674	1.53E-02	4.75E-02	4.52E-02	1.79E-02	5.57E-02	5.29E-02	2.65E-02	8.26E-02	7.85E-02

3230	387919.61, 3749032.97	1.11338	3.49861	3.35603	1.68E-02	5.29E-02	5.07E-02	1.97E-02	6.20E-02	5.95E-02	2.93E-02	9.20E-02	8.82E-02
3231	387919.61, 3749082.97	1.20785	3.71658	3.59034	1.83E-02	5.62E-02	5.43E-02	2.14E-02	6.59E-02	6.36E-02	3.18E-02	9.77E-02	9.44E-02
3232	387919.61, 3749132.97	1.28524	3.82489	3.71762	1.94E-02	5.78E-02	5.62E-02	2.28E-02	6.78E-02	6.59E-02	3.38E-02	1.01E-01	9.77E-02
3233	387919.61, 3749182.97	1.34271	3.84298	3.76497	2.03E-02	5.81E-02	5.69E-02	2.38E-02	6.81E-02	6.67E-02	3.53E-02	1.01E-01	9.90E-02
3234	387919.61, 3749232.97	1.3851	3.80674	3.74543	2.09E-02	5.76E-02	5.66E-02	2.45E-02	6.75E-02	6.64E-02	3.64E-02	1.00E-01	9.85E-02
3235	387919.61, 3749282.97	1.4139	3.83805	3.78203	2.14E-02	5.80E-02	5.72E-02	2.51E-02	6.80E-02	6.70E-02	3.72E-02	1.01E-01	9.94E-02
3236	387919.61, 3749332.97	1.43632	3.88537	3.83953	2.17E-02	5.87E-02	5.81E-02	2.55E-02	6.88E-02	6.80E-02	3.78E-02	1.02E-01	1.01E-01
3237	387919.61, 3749382.97	1.4533	3.85632	3.79669	2.20E-02	5.83E-02	5.74E-02	2.58E-02	6.83E-02	6.73E-02	3.82E-02	1.01E-01	9.98E-02
3238	387919.61, 3749432.97	1.46657	3.90714	3.80449	2.22E-02	5.91E-02	5.75E-02	2.60E-02	6.92E-02	6.74E-02	3.86E-02	1.03E-01	1.00E-01
3239	387919.61, 3749482.97	1.47663	4.0374	3.90849	2.23E-02	6.10E-02	5.91E-02	2.62E-02	7.15E-02	6.93E-02	3.88E-02	1.06E-01	1.03E-01
3240	387919.61, 3749532.97	1.48516	4.15844	4.02533	2.25E-02	6.29E-02	6.09E-02	2.63E-02	7.37E-02	7.13E-02	3.90E-02	1.09E-01	1.06E-01
3241	387919.61, 3749582.97	1.49282	4.26944	4.13599	2.26E-02	6.46E-02	6.25E-02	2.65E-02	7.57E-02	7.33E-02	3.92E-02	1.12E-01	1.09E-01
3242	387969.61, 3748982.97	0.9031	2.85809	2.71178	1.37E-02	4.32E-02	4.10E-02	1.60E-02	5.06E-02	4.81E-02	2.37E-02	7.51E-02	7.13E-02
3243	387969.61, 3749032.97	0.99073	3.19168	3.05343	1.50E-02	4.83E-02	4.62E-02	1.76E-02	5.66E-02	5.41E-02	2.60E-02	8.39E-02	8.03E-02
3244	387969.61, 3749082.97	1.07269	3.40641	3.28433	1.62E-02	5.15E-02	4.97E-02	1.90E-02	6.04E-02	5.82E-02	2.82E-02	8.96E-02	8.63E-02
3245	387969.61, 3749132.97	1.14242	3.50627	3.39942	1.73E-02	5.30E-02	5.14E-02	2.02E-02	6.21E-02	6.02E-02	3.00E-02	9.22E-02	8.94E-02

				2028		2033		2048	
		CO	Rate (g/s):	2.58E-02	2.58E-02	3.34E-02	3.34E-02	3.98E-02	3.98E-02
		Concentration [µg/m^3] at 1 g/s							
		1 HR	8 HR	Annual	1hr (1st)	Annual	1hr (1st)	Annual	1hr (1st)
#	X, Y	Main (SLINE	Main (SLINE1)	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	386843.93, 3751698.71	6.79982	5.57962	1.75E-01	1.44E-01	2.27E-01	1.87E-01	2.71E-01	2.22E-01
2	386843.93, 3751723.71	6.79013	5.57579	1.75E-01	1.44E-01	2.27E-01	1.86E-01	2.70E-01	2.22E-01
3	386843.93, 3751748.71	6.77789	5.57042	1.75E-01	1.43E-01	2.27E-01	1.86E-01	2.70E-01	2.22E-01
4	386843.93, 3751773.71	6.76107	5.56136	1.74E-01	1.43E-01	2.26E-01	1.86E-01	2.69E-01	2.21E-01
5	386843.93, 3751798.71	6.73934	5.54711	1.74E-01	1.43E-01	2.25E-01	1.85E-01	2.68E-01	2.21E-01
6	386843.93, 3751823.71	6.71202	5.52371	1.73E-01	1.42E-01	2.24E-01	1.85E-01	2.67E-01	2.20E-01
7	386843.93, 3751848.71	6.6755	5.48053	1.72E-01	1.41E-01	2.23E-01	1.83E-01	2.66E-01	2.18E-01
8	386843.93, 3751873.71	6.62932	5.40485	1.71E-01	1.39E-01	2.22E-01	1.81E-01	2.64E-01	2.15E-01
9	386868.93, 3751448.71	7.15978	6.19464	1.84E-01	1.60E-01	2.39E-01	2.07E-01	2.85E-01	2.47E-01
10	386868.93, 3751473.71	7.15503	6.18979	1.84E-01	1.59E-01	2.39E-01	2.07E-01	2.85E-01	2.46E-01
11	386868.93, 3751498.71	7.17902	6.18084	1.85E-01	1.59E-01	2.40E-01	2.07E-01	2.86E-01	2.46E-01
12	386868.93, 3751523.71	7.19842	6.16648	1.85E-01	1.59E-01	2.41E-01	2.06E-01	2.87E-01	2.46E-01
13	386868.93, 3751548.71	7.21532	6.14603	1.86E-01	1.58E-01	2.41E-01	2.05E-01	2.87E-01	2.45E-01
14	386868.93, 3751573.71	7.23206	6.11907	1.86E-01	1.58E-01	2.42E-01	2.05E-01	2.88E-01	2.44E-01
15	386868.93, 3751598.71	7.2489	6.08506	1.87E-01	1.57E-01	2.42E-01	2.03E-01	2.89E-01	2.42E-01
16	386868.93, 3751623.71	7.25982	6.04236	1.87E-01	1.56E-01	2.43E-01	2.02E-01	2.89E-01	2.41E-01
17	386868.93, 3751648.71	7.26467	5.98994	1.87E-01	1.54E-01	2.43E-01	2.00E-01	2.89E-01	2.39E-01
18	386868.93, 3751673.71	7.26608	5.95826	1.87E-01	1.53E-01	2.43E-01	1.99E-01	2.89E-01	2.37E-01
19	386868.93, 3751698.71	7.26685	5.96298	1.87E-01	1.54E-01	2.43E-01	1.99E-01	2.89E-01	2.37E-01
20	386868.93, 3751723.71	7.26201	5.96377	1.87E-01	1.54E-01	2.43E-01	1.99E-01	2.89E-01	2.37E-01
21	386868.93, 3751748.71	7.25252	5.96139	1.87E-01	1.54E-01	2.42E-01	1.99E-01	2.89E-01	2.37E-01
22	386868.93, 3751773.71	7.23684	5.95417	1.86E-01	1.53E-01	2.42E-01	1.99E-01	2.88E-01	2.37E-01
23	386868.93, 3751798.71	7.21538	5.94152	1.86E-01	1.53E-01	2.41E-01	1.99E-01	2.87E-01	2.37E-01
24	386868.93, 3751823.71	7.18736	5.91978	1.85E-01	1.52E-01	2.40E-01	1.98E-01	2.86E-01	2.36E-01
25	386868.93, 3751848.71	7.14768	5.87672	1.84E-01	1.51E-01	2.39E-01	1.96E-01	2.85E-01	2.34E-01
26	386868.93, 3751873.71	7.09692	5.7981	1.83E-01	1.49E-01	2.37E-01	1.94E-01	2.83E-01	2.31E-01
27	386893.93, 3751198.71	7.57439	6.5526	1.95E-01	1.69E-01	2.53E-01	2.19E-01	3.02E-01	2.61E-01
28	386893.93, 3751223.71	7.60571	6.57978	1.96E-01	1.69E-01	2.54E-01	2.20E-01	3.03E-01	2.62E-01
29	386893.93, 3751248.71	7.63527	6.60553	1.97E-01	1.70E-01	2.55E-01	2.21E-01	3.04E-01	2.63E-01
30	386893.93, 3751273.71	7.66307	6.62979	1.97E-01	1.71E-01	2.56E-01	2.22E-01	3.05E-01	2.64E-01
31	386893.93, 3751298.71	7.6891	6.65248	1.98E-01	1.71E-01	2.57E-01	2.22E-01	3.06E-01	2.65E-01

32	386893.93, 3751323.71	7.71241	6.673	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.07E-01	2.66E-01
33	386893.93, 3751348.71	7.73427	6.69196	1.99E-01	1.72E-01	2.59E-01	2.24E-01	3.08E-01	2.66E-01
34	386893.93, 3751373.71	7.75291	6.70828	2.00E-01	1.73E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
35	386893.93, 3751398.71	7.76805	6.72168	2.00E-01	1.73E-01	2.60E-01	2.25E-01	3.09E-01	2.68E-01
36	386893.93, 3751423.71	7.77917	6.73175	2.00E-01	1.73E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
37	386893.93, 3751448.71	7.78554	6.73792	2.00E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
38	386893.93, 3751473.71	7.78907	6.74107	2.01E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
39	386893.93, 3751498.71	7.78744	6.73971	2.01E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
40	386893.93, 3751523.71	7.77893	6.73264	2.00E-01	1.73E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
41	386893.93, 3751548.71	7.76278	6.71917	2.00E-01	1.73E-01	2.59E-01	2.25E-01	3.09E-01	2.68E-01
42	386893.93, 3751573.71	7.75996	6.6987	2.00E-01	1.72E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
43	386893.93, 3751598.71	7.77817	6.6707	2.00E-01	1.72E-01	2.60E-01	2.23E-01	3.10E-01	2.66E-01
44	386893.93, 3751623.71	7.79438	6.63301	2.01E-01	1.71E-01	2.61E-01	2.22E-01	3.10E-01	2.64E-01
45	386893.93, 3751648.71	7.80292	6.58427	2.01E-01	1.70E-01	2.61E-01	2.20E-01	3.11E-01	2.62E-01
46	386893.93, 3751673.71	7.80694	6.52353	2.01E-01	1.68E-01	2.61E-01	2.18E-01	3.11E-01	2.60E-01
47	386893.93, 3751698.71	7.81351	6.44995	2.01E-01	1.66E-01	2.61E-01	2.16E-01	3.11E-01	2.57E-01
48	386893.93, 3751723.71	7.81651	6.42029	2.01E-01	1.65E-01	2.61E-01	2.15E-01	3.11E-01	2.56E-01
49	386893.93, 3751748.71	7.81126	6.42224	2.01E-01	1.65E-01	2.61E-01	2.15E-01	3.11E-01	2.56E-01
50	386893.93, 3751773.71	7.79788	6.41785	2.01E-01	1.65E-01	2.61E-01	2.15E-01	3.11E-01	2.56E-01
51	386893.93, 3751798.71	7.77765	6.40755	2.00E-01	1.65E-01	2.60E-01	2.14E-01	3.10E-01	2.55E-01
52	386893.93, 3751823.71	7.74904	6.38766	2.00E-01	1.64E-01	2.59E-01	2.14E-01	3.09E-01	2.54E-01
53	386893.93, 3751848.71	7.70557	6.34497	1.98E-01	1.63E-01	2.58E-01	2.12E-01	3.07E-01	2.53E-01
54	386893.93, 3751873.71	7.64978	6.26439	1.97E-01	1.61E-01	2.56E-01	2.09E-01	3.05E-01	2.49E-01
55	386918.93, 3750948.71	7.74199	6.69684	1.99E-01	1.72E-01	2.59E-01	2.24E-01	3.08E-01	2.67E-01
56	386918.93, 3750973.71	7.7896	6.73815	2.01E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
57	386918.93, 3750998.71	7.83675	6.77914	2.02E-01	1.75E-01	2.62E-01	2.27E-01	3.12E-01	2.70E-01
58	386918.93, 3751023.71	7.88341	6.81976	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.14E-01	2.72E-01
59	386918.93, 3751048.71	7.92981	6.86014	2.04E-01	1.77E-01	2.65E-01	2.29E-01	3.16E-01	2.73E-01
60	386918.93, 3751073.71	7.97523	6.89985	2.05E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.75E-01
61	386918.93, 3751098.71	8.02035	6.93924	2.07E-01	1.79E-01	2.68E-01	2.32E-01	3.19E-01	2.76E-01
62	386918.93, 3751123.71	8.06517	6.97828	2.08E-01	1.80E-01	2.70E-01	2.33E-01	3.21E-01	2.78E-01
63	386918.93, 3751148.71	8.10966	7.01693	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.79E-01
64	386918.93, 3751173.71	8.15355	7.055	2.10E-01	1.82E-01	2.73E-01	2.36E-01	3.25E-01	2.81E-01
65	386918.93, 3751198.71	8.19567	7.09181	2.11E-01	1.83E-01	2.74E-01	2.37E-01	3.26E-01	2.82E-01
66	386918.93, 3751223.71	8.23708	7.1279	2.12E-01	1.84E-01	2.75E-01	2.38E-01	3.28E-01	2.84E-01
67	386918.93, 3751248.71	8.27703	7.16279	2.13E-01	1.84E-01	2.77E-01	2.39E-01	3.30E-01	2.85E-01

68	386918.93, 3751273.71	8.31575	7.19656	2.14E-01	1.85E-01	2.78E-01	2.41E-01	3.31E-01	2.87E-01
69	386918.93, 3751298.71	8.35316	7.22908	2.15E-01	1.86E-01	2.79E-01	2.42E-01	3.33E-01	2.88E-01
70	386918.93, 3751323.71	8.38764	7.25939	2.16E-01	1.87E-01	2.80E-01	2.43E-01	3.34E-01	2.89E-01
71	386918.93, 3751348.71	8.42105	7.28842	2.17E-01	1.88E-01	2.81E-01	2.44E-01	3.35E-01	2.90E-01
72	386918.93, 3751373.71	8.45136	7.31495	2.18E-01	1.88E-01	2.82E-01	2.45E-01	3.37E-01	2.91E-01
73	386918.93, 3751398.71	8.47832	7.33869	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.38E-01	2.92E-01
74	386918.93, 3751423.71	8.50136	7.35921	2.19E-01	1.90E-01	2.84E-01	2.46E-01	3.39E-01	2.93E-01
75	386918.93, 3751448.71	8.51972	7.37592	2.19E-01	1.90E-01	2.85E-01	2.47E-01	3.39E-01	2.94E-01
76	386918.93, 3751473.71	8.53592	7.38999	2.20E-01	1.90E-01	2.85E-01	2.47E-01	3.40E-01	2.94E-01
77	386918.93, 3751498.71	8.54656	7.39933	2.20E-01	1.91E-01	2.86E-01	2.47E-01	3.40E-01	2.95E-01
78	386918.93, 3751523.71	8.55009	7.40283	2.20E-01	1.91E-01	2.86E-01	2.47E-01	3.40E-01	2.95E-01
79	386918.93, 3751548.71	8.54564	7.39966	2.20E-01	1.91E-01	2.86E-01	2.47E-01	3.40E-01	2.95E-01
80	386918.93, 3751573.71	8.53243	7.38902	2.20E-01	1.90E-01	2.85E-01	2.47E-01	3.40E-01	2.94E-01
81	386918.93, 3751598.71	8.5104	7.37045	2.19E-01	1.90E-01	2.84E-01	2.46E-01	3.39E-01	2.94E-01
82	386918.93, 3751623.71	8.47618	7.34154	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.38E-01	2.92E-01
83	386918.93, 3751648.71	8.4472	7.30033	2.18E-01	1.88E-01	2.82E-01	2.44E-01	3.36E-01	2.91E-01
84	386918.93, 3751673.71	8.45339	7.24565	2.18E-01	1.87E-01	2.83E-01	2.42E-01	3.37E-01	2.89E-01
85	386918.93, 3751698.71	8.46838	7.17626	2.18E-01	1.85E-01	2.83E-01	2.40E-01	3.37E-01	2.86E-01
86	386918.93, 3751723.71	8.4794	7.08848	2.18E-01	1.83E-01	2.83E-01	2.37E-01	3.38E-01	2.82E-01
87	386918.93, 3751748.71	8.47979	6.97859	2.18E-01	1.80E-01	2.83E-01	2.33E-01	3.38E-01	2.78E-01
88	386918.93, 3751773.71	8.47167	6.9755	2.18E-01	1.80E-01	2.83E-01	2.33E-01	3.37E-01	2.78E-01
89	386918.93, 3751798.71	8.45399	6.96854	2.18E-01	1.79E-01	2.83E-01	2.33E-01	3.37E-01	2.77E-01
90	386918.93, 3751823.71	8.42416	6.94987	2.17E-01	1.79E-01	2.82E-01	2.32E-01	3.35E-01	2.77E-01
91	386918.93, 3751848.71	8.37589	6.90742	2.16E-01	1.78E-01	2.80E-01	2.31E-01	3.34E-01	2.75E-01
92	386918.93, 3751873.71	8.31483	6.82662	2.14E-01	1.76E-01	2.78E-01	2.28E-01	3.31E-01	2.72E-01
93	386943.93, 3750698.71	7.77869	6.72807	2.00E-01	1.73E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
94	386943.93, 3750723.71	7.83479	6.77685	2.02E-01	1.75E-01	2.62E-01	2.27E-01	3.12E-01	2.70E-01
95	386943.93, 3750748.71	7.89131	6.82592	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.14E-01	2.72E-01
96	386943.93, 3750773.71	7.94828	6.87531	2.05E-01	1.77E-01	2.66E-01	2.30E-01	3.17E-01	2.74E-01
97	386943.93, 3750798.71	8.00456	6.92439	2.06E-01	1.78E-01	2.68E-01	2.31E-01	3.19E-01	2.76E-01
98	386943.93, 3750823.71	8.06153	6.97391	2.08E-01	1.80E-01	2.69E-01	2.33E-01	3.21E-01	2.78E-01
99	386943.93, 3750848.71	8.11895	7.02373	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
100	386943.93, 3750873.71	8.1766	7.07374	2.11E-01	1.82E-01	2.73E-01	2.36E-01	3.26E-01	2.82E-01
101	386943.93, 3750898.71	8.23421	7.12378	2.12E-01	1.83E-01	2.75E-01	2.38E-01	3.28E-01	2.84E-01
102	386943.93, 3750923.71	8.29123	7.17353	2.14E-01	1.85E-01	2.77E-01	2.40E-01	3.30E-01	2.86E-01
103	386943.93, 3750948.71	8.34928	7.22389	2.15E-01	1.86E-01	2.79E-01	2.41E-01	3.32E-01	2.88E-01

104	386943.93, 3750973.71	8.40738	7.2743	2.16E-01	1.87E-01	2.81E-01	2.43E-01	3.35E-01	2.90E-01
105	386943.93, 3750998.71	8.46533	7.32464	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.37E-01	2.92E-01
106	386943.93, 3751023.71	8.523	7.37484	2.19E-01	1.90E-01	2.85E-01	2.47E-01	3.39E-01	2.94E-01
107	386943.93, 3751048.71	8.58035	7.42484	2.21E-01	1.91E-01	2.87E-01	2.48E-01	3.42E-01	2.96E-01
108	386943.93, 3751073.71	8.63742	7.47466	2.22E-01	1.92E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
109	386943.93, 3751098.71	8.69402	7.52416	2.24E-01	1.94E-01	2.91E-01	2.52E-01	3.46E-01	3.00E-01
110	386943.93, 3751123.71	8.75079	7.57368	2.25E-01	1.95E-01	2.93E-01	2.53E-01	3.48E-01	3.02E-01
111	386943.93, 3751148.71	8.8078	7.62323	2.27E-01	1.96E-01	2.94E-01	2.55E-01	3.51E-01	3.04E-01
112	386943.93, 3751173.71	8.86459	7.67252	2.28E-01	1.98E-01	2.96E-01	2.56E-01	3.53E-01	3.06E-01
113	386943.93, 3751198.71	8.91983	7.72079	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
114	386943.93, 3751223.71	8.97447	7.76849	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.09E-01
115	386943.93, 3751248.71	9.028	7.81533	2.32E-01	2.01E-01	3.02E-01	2.61E-01	3.60E-01	3.11E-01
116	386943.93, 3751273.71	9.08097	7.86152	2.34E-01	2.02E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
117	386943.93, 3751298.71	9.13311	7.90686	2.35E-01	2.04E-01	3.05E-01	2.64E-01	3.64E-01	3.15E-01
118	386943.93, 3751323.71	9.18208	7.94998	2.36E-01	2.05E-01	3.07E-01	2.66E-01	3.66E-01	3.17E-01
119	386943.93, 3751348.71	9.23092	7.99246	2.38E-01	2.06E-01	3.09E-01	2.67E-01	3.68E-01	3.18E-01
120	386943.93, 3751373.71	9.27689	8.03267	2.39E-01	2.07E-01	3.10E-01	2.69E-01	3.69E-01	3.20E-01
121	386943.93, 3751398.71	9.31973	8.07036	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.71E-01	3.21E-01
122	386943.93, 3751423.71	9.35881	8.10502	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
123	386943.93, 3751448.71	9.39339	8.13607	2.42E-01	2.10E-01	3.14E-01	2.72E-01	3.74E-01	3.24E-01
124	386943.93, 3751473.71	9.42708	8.16529	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.75E-01	3.25E-01
125	386943.93, 3751498.71	9.45533	8.18992	2.43E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.26E-01
126	386943.93, 3751523.71	9.47621	8.20861	2.44E-01	2.11E-01	3.17E-01	2.74E-01	3.77E-01	3.27E-01
127	386943.93, 3751548.71	9.48899	8.22058	2.44E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.27E-01
128	386943.93, 3751573.71	9.49264	8.22486	2.44E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.28E-01
129	386943.93, 3751598.71	9.48727	8.22098	2.44E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.27E-01
130	386943.93, 3751623.71	9.4692	8.20629	2.44E-01	2.11E-01	3.17E-01	2.74E-01	3.77E-01	3.27E-01
131	386943.93, 3751648.71	9.43565	8.1785	2.43E-01	2.11E-01	3.15E-01	2.73E-01	3.76E-01	3.26E-01
132	386943.93, 3751673.71	9.38519	8.13591	2.42E-01	2.10E-01	3.14E-01	2.72E-01	3.74E-01	3.24E-01
133	386943.93, 3751698.71	9.31591	8.07635	2.40E-01	2.08E-01	3.11E-01	2.70E-01	3.71E-01	3.22E-01
134	386943.93, 3751723.71	9.28853	7.99511	2.39E-01	2.06E-01	3.10E-01	2.67E-01	3.70E-01	3.18E-01
135	386943.93, 3751748.71	9.29512	7.88744	2.39E-01	2.03E-01	3.11E-01	2.64E-01	3.70E-01	3.14E-01
136	386943.93, 3751773.71	9.29329	7.74884	2.39E-01	2.00E-01	3.11E-01	2.59E-01	3.70E-01	3.09E-01
137	386943.93, 3751798.71	9.28226	7.65626	2.39E-01	1.97E-01	3.10E-01	2.56E-01	3.70E-01	3.05E-01
138	386943.93, 3751823.71	9.25446	7.64124	2.38E-01	1.97E-01	3.09E-01	2.55E-01	3.69E-01	3.04E-01
139	386943.93, 3751848.71	9.20288	7.60074	2.37E-01	1.96E-01	3.08E-01	2.54E-01	3.66E-01	3.03E-01

140	386943.93, 3751873.71	9.13289	7.51929	2.35E-01	1.94E-01	3.05E-01	2.51E-01	3.64E-01	2.99E-01
141	386968.93, 3750448.71	7.73023	6.6857	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.08E-01	2.66E-01
142	386968.93, 3750473.71	7.79251	6.73976	2.01E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
143	386968.93, 3750498.71	7.85486	6.79397	2.02E-01	1.75E-01	2.63E-01	2.27E-01	3.13E-01	2.71E-01
144	386968.93, 3750523.71	7.91789	6.84867	2.04E-01	1.76E-01	2.65E-01	2.29E-01	3.15E-01	2.73E-01
145	386968.93, 3750548.71	7.98164	6.9039	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.75E-01
146	386968.93, 3750573.71	8.04526	6.95917	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
147	386968.93, 3750598.71	8.10929	7.01481	2.09E-01	1.81E-01	2.71E-01	2.34E-01	3.23E-01	2.79E-01
148	386968.93, 3750623.71	8.17395	7.07093	2.10E-01	1.82E-01	2.73E-01	2.36E-01	3.25E-01	2.82E-01
149	386968.93, 3750648.71	8.23899	7.1274	2.12E-01	1.84E-01	2.75E-01	2.38E-01	3.28E-01	2.84E-01
150	386968.93, 3750673.71	8.30425	7.18414	2.14E-01	1.85E-01	2.78E-01	2.40E-01	3.31E-01	2.86E-01
151	386968.93, 3750698.71	8.36978	7.24117	2.16E-01	1.86E-01	2.80E-01	2.42E-01	3.33E-01	2.88E-01
152	386968.93, 3750723.71	8.43589	7.29868	2.17E-01	1.88E-01	2.82E-01	2.44E-01	3.36E-01	2.91E-01
153	386968.93, 3750748.71	8.50289	7.35683	2.19E-01	1.89E-01	2.84E-01	2.46E-01	3.39E-01	2.93E-01
154	386968.93, 3750773.71	8.57067	7.41556	2.21E-01	1.91E-01	2.86E-01	2.48E-01	3.41E-01	2.95E-01
155	386968.93, 3750798.71	8.63769	7.47404	2.22E-01	1.92E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
156	386968.93, 3750823.71	8.70572	7.53323	2.24E-01	1.94E-01	2.91E-01	2.52E-01	3.47E-01	3.00E-01
157	386968.93, 3750848.71	8.77456	7.59303	2.26E-01	1.96E-01	2.93E-01	2.54E-01	3.49E-01	3.02E-01
158	386968.93, 3750873.71	8.84412	7.65339	2.28E-01	1.97E-01	2.96E-01	2.56E-01	3.52E-01	3.05E-01
159	386968.93, 3750898.71	8.91396	7.71406	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
160	386968.93, 3750923.71	8.98302	7.77445	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.58E-01	3.10E-01
161	386968.93, 3750948.71	9.05367	7.83587	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
162	386968.93, 3750973.71	9.12542	7.89805	2.35E-01	2.03E-01	3.05E-01	2.64E-01	3.63E-01	3.15E-01
163	386968.93, 3750998.71	9.1975	7.96054	2.37E-01	2.05E-01	3.07E-01	2.66E-01	3.66E-01	3.17E-01
164	386968.93, 3751023.71	9.26941	8.02308	2.39E-01	2.07E-01	3.10E-01	2.68E-01	3.69E-01	3.19E-01
165	386968.93, 3751048.71	9.34078	8.08545	2.41E-01	2.08E-01	3.12E-01	2.70E-01	3.72E-01	3.22E-01
166	386968.93, 3751073.71	9.41259	8.14816	2.42E-01	2.10E-01	3.15E-01	2.72E-01	3.75E-01	3.24E-01
167	386968.93, 3751098.71	9.48422	8.21087	2.44E-01	2.11E-01	3.17E-01	2.74E-01	3.78E-01	3.27E-01
168	386968.93, 3751123.71	9.55651	8.27403	2.46E-01	2.13E-01	3.19E-01	2.77E-01	3.81E-01	3.29E-01
169	386968.93, 3751148.71	9.62983	8.3378	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.83E-01	3.32E-01
170	386968.93, 3751173.71	9.70359	8.40185	2.50E-01	2.16E-01	3.24E-01	2.81E-01	3.86E-01	3.35E-01
171	386968.93, 3751198.71	9.77615	8.46523	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.89E-01	3.37E-01
172	386968.93, 3751223.71	9.84879	8.52861	2.54E-01	2.20E-01	3.29E-01	2.85E-01	3.92E-01	3.40E-01
173	386968.93, 3751248.71	9.92086	8.5916	2.55E-01	2.21E-01	3.32E-01	2.87E-01	3.95E-01	3.42E-01
174	386968.93, 3751273.71	9.99261	8.65427	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.45E-01
175	386968.93, 3751298.71	10.06386	8.71647	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.01E-01	3.47E-01

176	386968.93, 3751323.71	10.13279	8.77711	2.61E-01	2.26E-01	3.39E-01	2.93E-01	4.04E-01	3.50E-01
177	386968.93, 3751348.71	10.20199	8.83754	2.63E-01	2.28E-01	3.41E-01	2.95E-01	4.06E-01	3.52E-01
178	386968.93, 3751373.71	10.26918	8.8964	2.64E-01	2.29E-01	3.43E-01	2.97E-01	4.09E-01	3.54E-01
179	386968.93, 3751398.71	10.3338	8.95326	2.66E-01	2.31E-01	3.45E-01	2.99E-01	4.12E-01	3.57E-01
180	386968.93, 3751423.71	10.39518	9.00759	2.68E-01	2.32E-01	3.47E-01	3.01E-01	4.14E-01	3.59E-01
181	386968.93, 3751448.71	10.45276	9.05892	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.61E-01
182	386968.93, 3751473.71	10.51018	9.10903	2.71E-01	2.35E-01	3.51E-01	3.04E-01	4.19E-01	3.63E-01
183	386968.93, 3751498.71	10.56345	9.15548	2.72E-01	2.36E-01	3.53E-01	3.06E-01	4.21E-01	3.65E-01
184	386968.93, 3751523.71	10.60989	9.19646	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
185	386968.93, 3751548.71	10.6487	9.23115	2.74E-01	2.38E-01	3.56E-01	3.09E-01	4.24E-01	3.68E-01
186	386968.93, 3751573.71	10.67834	9.25824	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.69E-01
187	386968.93, 3751598.71	10.69845	9.27695	2.75E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.69E-01
188	386968.93, 3751623.71	10.70594	9.28486	2.76E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.70E-01
189	386968.93, 3751648.71	10.69798	9.27952	2.75E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.70E-01
190	386968.93, 3751673.71	10.67198	9.2584	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.69E-01
191	386968.93, 3751698.71	10.62405	9.21794	2.74E-01	2.37E-01	3.55E-01	3.08E-01	4.23E-01	3.67E-01
192	386968.93, 3751723.71	10.54797	9.15296	2.72E-01	2.36E-01	3.53E-01	3.06E-01	4.20E-01	3.64E-01
193	386968.93, 3751748.71	10.43596	9.05697	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.61E-01
194	386968.93, 3751773.71	10.33009	8.92306	2.66E-01	2.30E-01	3.45E-01	2.98E-01	4.11E-01	3.55E-01
195	386968.93, 3751798.71	10.32632	8.74254	2.66E-01	2.25E-01	3.45E-01	2.92E-01	4.11E-01	3.48E-01
196	386968.93, 3751823.71	10.30083	8.51168	2.65E-01	2.19E-01	3.44E-01	2.85E-01	4.10E-01	3.39E-01
197	386968.93, 3751848.71	10.24531	8.47337	2.64E-01	2.18E-01	3.42E-01	2.83E-01	4.08E-01	3.37E-01
198	386968.93, 3751873.71	10.16246	8.39097	2.62E-01	2.16E-01	3.40E-01	2.80E-01	4.05E-01	3.34E-01
199	386993.93, 3750198.71	7.6101	6.58188	1.96E-01	1.69E-01	2.54E-01	2.20E-01	3.03E-01	2.62E-01
200	386993.93, 3750223.71	7.67818	6.64082	1.98E-01	1.71E-01	2.57E-01	2.22E-01	3.06E-01	2.64E-01
201	386993.93, 3750248.71	7.74683	6.70018	1.99E-01	1.73E-01	2.59E-01	2.24E-01	3.08E-01	2.67E-01
202	386993.93, 3750273.71	7.81503	6.75939	2.01E-01	1.74E-01	2.61E-01	2.26E-01	3.11E-01	2.69E-01
203	386993.93, 3750298.71	7.88405	6.81918	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.14E-01	2.72E-01
204	386993.93, 3750323.71	7.95351	6.87933	2.05E-01	1.77E-01	2.66E-01	2.30E-01	3.17E-01	2.74E-01
205	386993.93, 3750348.71	8.02325	6.93978	2.07E-01	1.79E-01	2.68E-01	2.32E-01	3.19E-01	2.76E-01
206	386993.93, 3750373.71	8.09317	7.00047	2.08E-01	1.80E-01	2.71E-01	2.34E-01	3.22E-01	2.79E-01
207	386993.93, 3750398.71	8.16338	7.06148	2.10E-01	1.82E-01	2.73E-01	2.36E-01	3.25E-01	2.81E-01
208	386993.93, 3750423.71	8.234	7.12288	2.12E-01	1.83E-01	2.75E-01	2.38E-01	3.28E-01	2.84E-01
209	386993.93, 3750448.71	8.30558	7.18499	2.14E-01	1.85E-01	2.78E-01	2.40E-01	3.31E-01	2.86E-01
210	386993.93, 3750473.71	8.37765	7.24755	2.16E-01	1.87E-01	2.80E-01	2.42E-01	3.34E-01	2.89E-01
211	386993.93, 3750498.71	8.45	7.31045	2.18E-01	1.88E-01	2.82E-01	2.44E-01	3.36E-01	2.91E-01

212	386993.93, 3750523.71	8.52306	7.37395	2.19E-01	1.90E-01	2.85E-01	2.46E-01	3.39E-01	2.94E-01
213	386993.93, 3750548.71	8.59747	7.43841	2.21E-01	1.92E-01	2.87E-01	2.49E-01	3.42E-01	2.96E-01
214	386993.93, 3750573.71	8.67193	7.5031	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.45E-01	2.99E-01
215	386993.93, 3750598.71	8.74686	7.56828	2.25E-01	1.95E-01	2.92E-01	2.53E-01	3.48E-01	3.01E-01
216	386993.93, 3750623.71	8.82259	7.63415	2.27E-01	1.97E-01	2.95E-01	2.55E-01	3.51E-01	3.04E-01
217	386993.93, 3750648.71	8.89932	7.7008	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.54E-01	3.07E-01
218	386993.93, 3750673.71	8.97662	7.76803	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.09E-01
219	386993.93, 3750698.71	9.05439	7.83577	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
220	386993.93, 3750723.71	9.13313	7.9043	2.35E-01	2.04E-01	3.05E-01	2.64E-01	3.64E-01	3.15E-01
221	386993.93, 3750748.71	9.2133	7.97391	2.37E-01	2.05E-01	3.08E-01	2.67E-01	3.67E-01	3.18E-01
222	386993.93, 3750773.71	9.29473	8.0445	2.39E-01	2.07E-01	3.11E-01	2.69E-01	3.70E-01	3.20E-01
223	386993.93, 3750798.71	9.37594	8.11524	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
224	386993.93, 3750823.71	9.45822	8.18688	2.44E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.26E-01
225	386993.93, 3750848.71	9.54164	8.25945	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
226	386993.93, 3750873.71	9.62627	8.33299	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.83E-01	3.32E-01
227	386993.93, 3750898.71	9.71167	8.40727	2.50E-01	2.16E-01	3.25E-01	2.81E-01	3.87E-01	3.35E-01
228	386993.93, 3750923.71	9.79694	8.4818	2.52E-01	2.18E-01	3.27E-01	2.84E-01	3.90E-01	3.38E-01
229	386993.93, 3750948.71	9.88402	8.55764	2.55E-01	2.20E-01	3.30E-01	2.86E-01	3.94E-01	3.41E-01
230	386993.93, 3750973.71	9.97268	8.63468	2.57E-01	2.22E-01	3.33E-01	2.89E-01	3.97E-01	3.44E-01
231	386993.93, 3750998.71	10.06225	8.71255	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.01E-01	3.47E-01
232	386993.93, 3751023.71	10.15235	8.79104	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
233	386993.93, 3751048.71	10.24295	8.87013	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
234	386993.93, 3751073.71	10.33443	8.95002	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.12E-01	3.56E-01
235	386993.93, 3751098.71	10.42596	9.03026	2.68E-01	2.33E-01	3.49E-01	3.02E-01	4.15E-01	3.60E-01
236	386993.93, 3751123.71	10.51886	9.11156	2.71E-01	2.35E-01	3.52E-01	3.05E-01	4.19E-01	3.63E-01
237	386993.93, 3751148.71	10.61394	9.19437	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
238	386993.93, 3751173.71	10.71051	9.27827	2.76E-01	2.39E-01	3.58E-01	3.10E-01	4.27E-01	3.69E-01
239	386993.93, 3751198.71	10.80649	9.36212	2.78E-01	2.41E-01	3.61E-01	3.13E-01	4.30E-01	3.73E-01
240	386993.93, 3751223.71	10.9034	9.44672	2.81E-01	2.43E-01	3.64E-01	3.16E-01	4.34E-01	3.76E-01
241	386993.93, 3751248.71	11.00061	9.53169	2.83E-01	2.45E-01	3.68E-01	3.19E-01	4.38E-01	3.80E-01
242	386993.93, 3751273.71	11.09827	9.61707	2.86E-01	2.48E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
243	386993.93, 3751298.71	11.19623	9.70276	2.88E-01	2.50E-01	3.74E-01	3.24E-01	4.46E-01	3.86E-01
244	386993.93, 3751323.71	11.29299	9.78783	2.91E-01	2.52E-01	3.77E-01	3.27E-01	4.50E-01	3.90E-01
245	386993.93, 3751348.71	11.39029	9.87319	2.93E-01	2.54E-01	3.81E-01	3.30E-01	4.54E-01	3.93E-01
246	386993.93, 3751373.71	11.48701	9.95814	2.96E-01	2.56E-01	3.84E-01	3.33E-01	4.57E-01	3.97E-01
247	386993.93, 3751398.71	11.58225	10.04206	2.98E-01	2.59E-01	3.87E-01	3.36E-01	4.61E-01	4.00E-01

248	386993.93, 3751423.71	11.67543	10.12451	3.01E-01	2.61E-01	3.90E-01	3.38E-01	4.65E-01	4.03E-01
249	386993.93, 3751448.71	11.76584	10.20492	3.03E-01	2.63E-01	3.93E-01	3.41E-01	4.69E-01	4.06E-01
250	386993.93, 3751473.71	11.85687	10.28498	3.05E-01	2.65E-01	3.96E-01	3.44E-01	4.72E-01	4.10E-01
251	386993.93, 3751498.71	11.94603	10.36305	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.13E-01
252	386993.93, 3751523.71	12.03149	10.43781	3.10E-01	2.69E-01	4.02E-01	3.49E-01	4.79E-01	4.16E-01
253	386993.93, 3751548.71	12.10982	10.50699	3.12E-01	2.71E-01	4.05E-01	3.51E-01	4.82E-01	4.18E-01
254	386993.93, 3751573.71	12.17886	10.56889	3.14E-01	2.72E-01	4.07E-01	3.53E-01	4.85E-01	4.21E-01
255	386993.93, 3751598.71	12.23855	10.62288	3.15E-01	2.74E-01	4.09E-01	3.55E-01	4.87E-01	4.23E-01
256	386993.93, 3751623.71	12.2872	10.66723	3.16E-01	2.75E-01	4.11E-01	3.57E-01	4.89E-01	4.25E-01
257	386993.93, 3751648.71	12.32157	10.69917	3.17E-01	2.76E-01	4.12E-01	3.58E-01	4.91E-01	4.26E-01
258	386993.93, 3751673.71	12.33717	10.71491	3.18E-01	2.76E-01	4.12E-01	3.58E-01	4.91E-01	4.27E-01
259	386993.93, 3751698.71	12.32895	10.70997	3.17E-01	2.76E-01	4.12E-01	3.58E-01	4.91E-01	4.26E-01
260	386993.93, 3751723.71	12.29141	10.67912	3.17E-01	2.75E-01	4.11E-01	3.57E-01	4.89E-01	4.25E-01
261	386993.93, 3751748.71	12.21272	10.61288	3.14E-01	2.73E-01	4.08E-01	3.55E-01	4.86E-01	4.23E-01
262	386993.93, 3751773.71	12.08092	10.50078	3.11E-01	2.70E-01	4.04E-01	3.51E-01	4.81E-01	4.18E-01
263	386993.93, 3751798.71	11.88177	10.32994	3.06E-01	2.66E-01	3.97E-01	3.45E-01	4.73E-01	4.11E-01
264	386993.93, 3751823.71	11.66713	10.08302	3.00E-01	2.60E-01	3.90E-01	3.37E-01	4.65E-01	4.02E-01
265	386993.93, 3751848.71	11.60889	9.73918	2.99E-01	2.51E-01	3.88E-01	3.26E-01	4.62E-01	3.88E-01
266	386993.93, 3751873.71	11.50952	9.51656	2.96E-01	2.45E-01	3.85E-01	3.18E-01	4.58E-01	3.79E-01
267	387018.93, 3749948.71	7.41771	6.41518	1.91E-01	1.65E-01	2.48E-01	2.14E-01	2.95E-01	2.55E-01
268	387018.93, 3749973.71	7.49179	6.47946	1.93E-01	1.67E-01	2.50E-01	2.17E-01	2.98E-01	2.58E-01
269	387018.93, 3749998.71	7.56589	6.54378	1.95E-01	1.69E-01	2.53E-01	2.19E-01	3.01E-01	2.61E-01
270	387018.93, 3750023.71	7.64048	6.60842	1.97E-01	1.70E-01	2.55E-01	2.21E-01	3.04E-01	2.63E-01
271	387018.93, 3750048.71	7.71498	6.67307	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.07E-01	2.66E-01
272	387018.93, 3750073.71	7.78971	6.73792	2.01E-01	1.74E-01	2.60E-01	2.25E-01	3.10E-01	2.68E-01
273	387018.93, 3750098.71	7.86495	6.80315	2.03E-01	1.75E-01	2.63E-01	2.27E-01	3.13E-01	2.71E-01
274	387018.93, 3750123.71	7.94074	6.86878	2.04E-01	1.77E-01	2.65E-01	2.30E-01	3.16E-01	2.74E-01
275	387018.93, 3750148.71	8.01679	6.93467	2.06E-01	1.79E-01	2.68E-01	2.32E-01	3.19E-01	2.76E-01
276	387018.93, 3750173.71	8.09285	7.00071	2.08E-01	1.80E-01	2.71E-01	2.34E-01	3.22E-01	2.79E-01
277	387018.93, 3750198.71	8.16952	7.06722	2.10E-01	1.82E-01	2.73E-01	2.36E-01	3.25E-01	2.81E-01
278	387018.93, 3750223.71	8.24705	7.13437	2.12E-01	1.84E-01	2.76E-01	2.38E-01	3.28E-01	2.84E-01
279	387018.93, 3750248.71	8.32535	7.20212	2.14E-01	1.85E-01	2.78E-01	2.41E-01	3.32E-01	2.87E-01
280	387018.93, 3750273.71	8.40343	7.26994	2.16E-01	1.87E-01	2.81E-01	2.43E-01	3.35E-01	2.89E-01
281	387018.93, 3750298.71	8.48247	7.33848	2.18E-01	1.89E-01	2.84E-01	2.45E-01	3.38E-01	2.92E-01
282	387018.93, 3750323.71	8.56222	7.40762	2.20E-01	1.91E-01	2.86E-01	2.48E-01	3.41E-01	2.95E-01
283	387018.93, 3750348.71	8.64256	7.47732	2.23E-01	1.93E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01

284	387018.93, 3750373.71	8.72344	7.54756	2.25E-01	1.94E-01	2.92E-01	2.52E-01	3.47E-01	3.01E-01
285	387018.93, 3750398.71	8.80488	7.61835	2.27E-01	1.96E-01	2.94E-01	2.55E-01	3.51E-01	3.03E-01
286	387018.93, 3750423.71	8.8871	7.68984	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.54E-01	3.06E-01
287	387018.93, 3750448.71	8.97053	7.76228	2.31E-01	2.00E-01	3.00E-01	2.59E-01	3.57E-01	3.09E-01
288	387018.93, 3750473.71	9.05492	7.83553	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
289	387018.93, 3750498.71	9.14004	7.90949	2.35E-01	2.04E-01	3.06E-01	2.64E-01	3.64E-01	3.15E-01
290	387018.93, 3750523.71	9.22596	7.98422	2.38E-01	2.06E-01	3.08E-01	2.67E-01	3.67E-01	3.18E-01
291	387018.93, 3750548.71	9.3134	8.06012	2.40E-01	2.08E-01	3.11E-01	2.69E-01	3.71E-01	3.21E-01
292	387018.93, 3750573.71	9.40152	8.13673	2.42E-01	2.10E-01	3.14E-01	2.72E-01	3.74E-01	3.24E-01
293	387018.93, 3750598.71	9.49065	8.21426	2.44E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.27E-01
294	387018.93, 3750623.71	9.58095	8.29282	2.47E-01	2.14E-01	3.20E-01	2.77E-01	3.82E-01	3.30E-01
295	387018.93, 3750648.71	9.67256	8.37248	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.33E-01
296	387018.93, 3750673.71	9.76536	8.45321	2.51E-01	2.18E-01	3.26E-01	2.83E-01	3.89E-01	3.37E-01
297	387018.93, 3750698.71	9.85929	8.53497	2.54E-01	2.20E-01	3.30E-01	2.85E-01	3.93E-01	3.40E-01
298	387018.93, 3750723.71	9.95462	8.61795	2.56E-01	2.22E-01	3.33E-01	2.88E-01	3.96E-01	3.43E-01
299	387018.93, 3750748.71	10.05146	8.70221	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.00E-01	3.47E-01
300	387018.93, 3750773.71	10.14999	8.78785	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
301	387018.93, 3750798.71	10.2494	8.87447	2.64E-01	2.29E-01	3.43E-01	2.97E-01	4.08E-01	3.53E-01
302	387018.93, 3750823.71	10.35038	8.96245	2.67E-01	2.31E-01	3.46E-01	3.00E-01	4.12E-01	3.57E-01
303	387018.93, 3750848.71	10.45307	9.05188	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.60E-01
304	387018.93, 3750873.71	10.55741	9.14275	2.72E-01	2.35E-01	3.53E-01	3.06E-01	4.20E-01	3.64E-01
305	387018.93, 3750898.71	10.66315	9.23493	2.75E-01	2.38E-01	3.56E-01	3.09E-01	4.25E-01	3.68E-01
306	387018.93, 3750923.71	10.76989	9.32823	2.77E-01	2.40E-01	3.60E-01	3.12E-01	4.29E-01	3.71E-01
307	387018.93, 3750948.71	10.87885	9.42332	2.80E-01	2.43E-01	3.64E-01	3.15E-01	4.33E-01	3.75E-01
308	387018.93, 3750973.71	10.9898	9.5201	2.83E-01	2.45E-01	3.67E-01	3.18E-01	4.38E-01	3.79E-01
309	387018.93, 3750998.71	11.10284	9.61864	2.86E-01	2.48E-01	3.71E-01	3.22E-01	4.42E-01	3.83E-01
310	387018.93, 3751023.71	11.21762	9.71876	2.89E-01	2.50E-01	3.75E-01	3.25E-01	4.47E-01	3.87E-01
311	387018.93, 3751048.71	11.33373	9.82025	2.92E-01	2.53E-01	3.79E-01	3.28E-01	4.51E-01	3.91E-01
312	387018.93, 3751073.71	11.45192	9.92355	2.95E-01	2.56E-01	3.83E-01	3.32E-01	4.56E-01	3.95E-01
313	387018.93, 3751098.71	11.57057	10.02775	2.98E-01	2.58E-01	3.87E-01	3.35E-01	4.61E-01	3.99E-01
314	387018.93, 3751123.71	11.69197	10.13414	3.01E-01	2.61E-01	3.91E-01	3.39E-01	4.66E-01	4.04E-01
315	387018.93, 3751148.71	11.81733	10.24341	3.04E-01	2.64E-01	3.95E-01	3.42E-01	4.71E-01	4.08E-01
316	387018.93, 3751173.71	11.94558	10.35496	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.12E-01
317	387018.93, 3751198.71	12.07391	10.46724	3.11E-01	2.70E-01	4.04E-01	3.50E-01	4.81E-01	4.17E-01
318	387018.93, 3751223.71	12.20462	10.58153	3.14E-01	2.72E-01	4.08E-01	3.54E-01	4.86E-01	4.21E-01
319	387018.93, 3751248.71	12.33701	10.69744	3.18E-01	2.75E-01	4.12E-01	3.58E-01	4.91E-01	4.26E-01

320	387018.93, 3751273.71	12.47144	10.81515	3.21E-01	2.78E-01	4.17E-01	3.62E-01	4.97E-01	4.31E-01
321	387018.93, 3751298.71	12.6076	10.93448	3.25E-01	2.82E-01	4.21E-01	3.65E-01	5.02E-01	4.35E-01
322	387018.93, 3751323.71	12.74273	11.05386	3.28E-01	2.85E-01	4.26E-01	3.69E-01	5.07E-01	4.40E-01
323	387018.93, 3751348.71	12.88143	11.17581	3.32E-01	2.88E-01	4.31E-01	3.74E-01	5.13E-01	4.45E-01
324	387018.93, 3751373.71	13.02146	11.29904	3.35E-01	2.91E-01	4.35E-01	3.78E-01	5.19E-01	4.50E-01
325	387018.93, 3751398.71	13.16202	11.42303	3.39E-01	2.94E-01	4.40E-01	3.82E-01	5.24E-01	4.55E-01
326	387018.93, 3751423.71	13.30229	11.54725	3.43E-01	2.97E-01	4.45E-01	3.86E-01	5.30E-01	4.60E-01
327	387018.93, 3751448.71	13.4419	11.67135	3.46E-01	3.01E-01	4.49E-01	3.90E-01	5.35E-01	4.65E-01
328	387018.93, 3751473.71	13.58428	11.7971	3.50E-01	3.04E-01	4.54E-01	3.94E-01	5.41E-01	4.70E-01
329	387018.93, 3751498.71	13.72792	11.92345	3.54E-01	3.07E-01	4.59E-01	3.99E-01	5.47E-01	4.75E-01
330	387018.93, 3751523.71	13.87229	12.04984	3.57E-01	3.10E-01	4.64E-01	4.03E-01	5.52E-01	4.80E-01
331	387018.93, 3751548.71	14.01238	12.17314	3.61E-01	3.13E-01	4.68E-01	4.07E-01	5.58E-01	4.85E-01
332	387018.93, 3751573.71	14.14387	12.29049	3.64E-01	3.16E-01	4.73E-01	4.11E-01	5.63E-01	4.89E-01
333	387018.93, 3751598.71	14.2683	12.40215	3.67E-01	3.19E-01	4.77E-01	4.15E-01	5.68E-01	4.94E-01
334	387018.93, 3751623.71	14.38472	12.50684	3.70E-01	3.22E-01	4.81E-01	4.18E-01	5.73E-01	4.98E-01
335	387018.93, 3751648.71	14.48992	12.60172	3.73E-01	3.25E-01	4.84E-01	4.21E-01	5.77E-01	5.02E-01
336	387018.93, 3751673.71	14.57838	12.68236	3.75E-01	3.27E-01	4.87E-01	4.24E-01	5.81E-01	5.05E-01
337	387018.93, 3751698.71	14.64441	12.74368	3.77E-01	3.28E-01	4.90E-01	4.26E-01	5.83E-01	5.07E-01
338	387018.93, 3751723.71	14.68242	12.77999	3.78E-01	3.29E-01	4.91E-01	4.27E-01	5.85E-01	5.09E-01
339	387018.93, 3751748.71	14.67527	12.77811	3.78E-01	3.29E-01	4.91E-01	4.27E-01	5.84E-01	5.09E-01
340	387018.93, 3751773.71	14.60634	12.72363	3.76E-01	3.28E-01	4.88E-01	4.25E-01	5.82E-01	5.07E-01
341	387018.93, 3751798.71	14.45635	12.59854	3.72E-01	3.24E-01	4.83E-01	4.21E-01	5.76E-01	5.02E-01
342	387018.93, 3751823.71	14.19371	12.3749	3.66E-01	3.19E-01	4.74E-01	4.14E-01	5.65E-01	4.93E-01
343	387018.93, 3751848.71	13.77191	12.0115	3.55E-01	3.09E-01	4.60E-01	4.01E-01	5.48E-01	4.78E-01
344	387018.93, 3751873.71	13.35156	11.46653	3.44E-01	2.95E-01	4.46E-01	3.83E-01	5.32E-01	4.57E-01
345	387043.93, 3749698.71	7.12745	6.16392	1.84E-01	1.59E-01	2.38E-01	2.06E-01	2.84E-01	2.45E-01
346	387043.93, 3749723.71	7.21182	6.23699	1.86E-01	1.61E-01	2.41E-01	2.08E-01	2.87E-01	2.48E-01
347	387043.93, 3749748.71	7.29572	6.30967	1.88E-01	1.62E-01	2.44E-01	2.11E-01	2.91E-01	2.51E-01
348	387043.93, 3749773.71	7.37924	6.38205	1.90E-01	1.64E-01	2.47E-01	2.13E-01	2.94E-01	2.54E-01
349	387043.93, 3749798.71	7.46246	6.45418	1.92E-01	1.66E-01	2.49E-01	2.16E-01	2.97E-01	2.57E-01
350	387043.93, 3749823.71	7.54538	6.5261	1.94E-01	1.68E-01	2.52E-01	2.18E-01	3.00E-01	2.60E-01
351	387043.93, 3749848.71	7.62793	6.59779	1.96E-01	1.70E-01	2.55E-01	2.21E-01	3.04E-01	2.63E-01
352	387043.93, 3749873.71	7.71077	6.66963	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.07E-01	2.66E-01
353	387043.93, 3749898.71	7.79385	6.74163	2.01E-01	1.74E-01	2.61E-01	2.25E-01	3.10E-01	2.68E-01
354	387043.93, 3749923.71	7.87713	6.81377	2.03E-01	1.75E-01	2.63E-01	2.28E-01	3.14E-01	2.71E-01
355	387043.93, 3749948.71	7.96038	6.88595	2.05E-01	1.77E-01	2.66E-01	2.30E-01	3.17E-01	2.74E-01

356	387043.93, 3749973.71	8.04354	6.95817	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
357	387043.93, 3749998.71	8.12697	7.03062	2.09E-01	1.81E-01	2.72E-01	2.35E-01	3.24E-01	2.80E-01
358	387043.93, 3750023.71	8.21107	7.10357	2.11E-01	1.83E-01	2.74E-01	2.37E-01	3.27E-01	2.83E-01
359	387043.93, 3750048.71	8.29548	7.17681	2.14E-01	1.85E-01	2.77E-01	2.40E-01	3.30E-01	2.86E-01
360	387043.93, 3750073.71	8.38038	7.25049	2.16E-01	1.87E-01	2.80E-01	2.42E-01	3.34E-01	2.89E-01
361	387043.93, 3750098.71	8.46603	7.32475	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.37E-01	2.92E-01
362	387043.93, 3750123.71	8.55229	7.39953	2.20E-01	1.91E-01	2.86E-01	2.47E-01	3.41E-01	2.95E-01
363	387043.93, 3750148.71	8.63919	7.47488	2.22E-01	1.92E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
364	387043.93, 3750173.71	8.72652	7.55068	2.25E-01	1.94E-01	2.92E-01	2.52E-01	3.48E-01	3.01E-01
365	387043.93, 3750198.71	8.81474	7.62722	2.27E-01	1.96E-01	2.95E-01	2.55E-01	3.51E-01	3.04E-01
366	387043.93, 3750223.71	8.90398	7.70458	2.29E-01	1.98E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
367	387043.93, 3750248.71	8.99417	7.78274	2.32E-01	2.00E-01	3.01E-01	2.60E-01	3.58E-01	3.10E-01
368	387043.93, 3750273.71	9.08484	7.86146	2.34E-01	2.02E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
369	387043.93, 3750298.71	9.17644	7.94101	2.36E-01	2.04E-01	3.07E-01	2.65E-01	3.65E-01	3.16E-01
370	387043.93, 3750323.71	9.26912	8.02149	2.39E-01	2.07E-01	3.10E-01	2.68E-01	3.69E-01	3.19E-01
371	387043.93, 3750348.71	9.36295	8.10295	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
372	387043.93, 3750373.71	9.45786	8.18537	2.44E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.26E-01
373	387043.93, 3750398.71	9.55359	8.26863	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
374	387043.93, 3750423.71	9.65049	8.35295	2.49E-01	2.15E-01	3.23E-01	2.79E-01	3.84E-01	3.33E-01
375	387043.93, 3750448.71	9.74889	8.43851	2.51E-01	2.17E-01	3.26E-01	2.82E-01	3.88E-01	3.36E-01
376	387043.93, 3750473.71	9.84854	8.52522	2.54E-01	2.20E-01	3.29E-01	2.85E-01	3.92E-01	3.39E-01
377	387043.93, 3750498.71	9.94934	8.61302	2.56E-01	2.22E-01	3.33E-01	2.88E-01	3.96E-01	3.43E-01
378	387043.93, 3750523.71	10.05171	8.70218	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.00E-01	3.47E-01
379	387043.93, 3750548.71	10.15628	8.79306	2.62E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
380	387043.93, 3750573.71	10.26246	8.88536	2.64E-01	2.29E-01	3.43E-01	2.97E-01	4.09E-01	3.54E-01
381	387043.93, 3750598.71	10.37007	8.979	2.67E-01	2.31E-01	3.47E-01	3.00E-01	4.13E-01	3.58E-01
382	387043.93, 3750623.71	10.47925	9.07409	2.70E-01	2.34E-01	3.50E-01	3.03E-01	4.17E-01	3.61E-01
383	387043.93, 3750648.71	10.59027	9.17079	2.73E-01	2.36E-01	3.54E-01	3.07E-01	4.22E-01	3.65E-01
384	387043.93, 3750673.71	10.70315	9.26915	2.76E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.69E-01
385	387043.93, 3750698.71	10.81734	9.36889	2.79E-01	2.41E-01	3.62E-01	3.13E-01	4.31E-01	3.73E-01
386	387043.93, 3750723.71	10.93385	9.47058	2.82E-01	2.44E-01	3.65E-01	3.17E-01	4.35E-01	3.77E-01
387	387043.93, 3750748.71	11.05342	9.57467	2.85E-01	2.47E-01	3.69E-01	3.20E-01	4.40E-01	3.81E-01
388	387043.93, 3750773.71	11.17598	9.68116	2.88E-01	2.49E-01	3.74E-01	3.24E-01	4.45E-01	3.86E-01
389	387043.93, 3750798.71	11.29929	9.78882	2.91E-01	2.52E-01	3.78E-01	3.27E-01	4.50E-01	3.90E-01
390	387043.93, 3750823.71	11.42523	9.89873	2.94E-01	2.55E-01	3.82E-01	3.31E-01	4.55E-01	3.94E-01
391	387043.93, 3750848.71	11.55409	10.01109	2.98E-01	2.58E-01	3.86E-01	3.35E-01	4.60E-01	3.99E-01

392	387043.93, 3750873.71	11.68583	10.12589	3.01E-01	2.61E-01	3.91E-01	3.38E-01	4.65E-01	4.03E-01
393	387043.93, 3750898.71	11.82	10.24294	3.04E-01	2.64E-01	3.95E-01	3.42E-01	4.71E-01	4.08E-01
394	387043.93, 3750923.71	11.95543	10.36161	3.08E-01	2.67E-01	4.00E-01	3.46E-01	4.76E-01	4.13E-01
395	387043.93, 3750948.71	12.09465	10.48335	3.11E-01	2.70E-01	4.04E-01	3.50E-01	4.82E-01	4.17E-01
396	387043.93, 3750973.71	12.23697	10.60781	3.15E-01	2.73E-01	4.09E-01	3.55E-01	4.87E-01	4.22E-01
397	387043.93, 3750998.71	12.38289	10.73532	3.19E-01	2.76E-01	4.14E-01	3.59E-01	4.93E-01	4.27E-01
398	387043.93, 3751023.71	12.5322	10.86578	3.23E-01	2.80E-01	4.19E-01	3.63E-01	4.99E-01	4.33E-01
399	387043.93, 3751048.71	12.68415	10.99884	3.27E-01	2.83E-01	4.24E-01	3.68E-01	5.05E-01	4.38E-01
400	387043.93, 3751073.71	12.84015	11.13532	3.31E-01	2.87E-01	4.29E-01	3.72E-01	5.11E-01	4.43E-01
401	387043.93, 3751098.71	12.99783	11.27395	3.35E-01	2.90E-01	4.34E-01	3.77E-01	5.18E-01	4.49E-01
402	387043.93, 3751123.71	13.16013	11.4164	3.39E-01	2.94E-01	4.40E-01	3.82E-01	5.24E-01	4.55E-01
403	387043.93, 3751148.71	13.32853	11.56356	3.43E-01	2.98E-01	4.46E-01	3.87E-01	5.31E-01	4.60E-01
404	387043.93, 3751173.71	13.50234	11.71508	3.48E-01	3.02E-01	4.51E-01	3.92E-01	5.38E-01	4.67E-01
405	387043.93, 3751198.71	13.67766	11.86885	3.52E-01	3.06E-01	4.57E-01	3.97E-01	5.45E-01	4.73E-01
406	387043.93, 3751223.71	13.85822	12.02699	3.57E-01	3.10E-01	4.63E-01	4.02E-01	5.52E-01	4.79E-01
407	387043.93, 3751248.71	14.04266	12.1888	3.62E-01	3.14E-01	4.69E-01	4.07E-01	5.59E-01	4.85E-01
408	387043.93, 3751273.71	14.23183	12.35479	3.66E-01	3.18E-01	4.76E-01	4.13E-01	5.67E-01	4.92E-01
409	387043.93, 3751298.71	14.42517	12.5247	3.71E-01	3.23E-01	4.82E-01	4.19E-01	5.74E-01	4.99E-01
410	387043.93, 3751323.71	14.61893	12.69648	3.76E-01	3.27E-01	4.89E-01	4.24E-01	5.82E-01	5.06E-01
411	387043.93, 3751348.71	14.82002	12.87402	3.82E-01	3.32E-01	4.95E-01	4.30E-01	5.90E-01	5.13E-01
412	387043.93, 3751373.71	15.02624	13.05613	3.87E-01	3.36E-01	5.02E-01	4.36E-01	5.98E-01	5.20E-01
413	387043.93, 3751398.71	15.23672	13.24234	3.92E-01	3.41E-01	5.09E-01	4.43E-01	6.07E-01	5.27E-01
414	387043.93, 3751423.71	15.45066	13.43222	3.98E-01	3.46E-01	5.16E-01	4.49E-01	6.15E-01	5.35E-01
415	387043.93, 3751448.71	15.66763	13.62552	4.03E-01	3.51E-01	5.24E-01	4.55E-01	6.24E-01	5.43E-01
416	387043.93, 3751473.71	15.89333	13.82538	4.09E-01	3.56E-01	5.31E-01	4.62E-01	6.33E-01	5.51E-01
417	387043.93, 3751498.71	16.12697	14.03131	4.15E-01	3.61E-01	5.39E-01	4.69E-01	6.42E-01	5.59E-01
418	387043.93, 3751523.71	16.3662	14.24185	4.21E-01	3.67E-01	5.47E-01	4.76E-01	6.52E-01	5.67E-01
419	387043.93, 3751548.71	16.60678	14.45443	4.28E-01	3.72E-01	5.55E-01	4.83E-01	6.61E-01	5.76E-01
420	387043.93, 3751573.71	16.84478	14.66655	4.34E-01	3.78E-01	5.63E-01	4.90E-01	6.71E-01	5.84E-01
421	387043.93, 3751598.71	17.08103	14.87828	4.40E-01	3.83E-01	5.71E-01	4.97E-01	6.80E-01	5.92E-01
422	387043.93, 3751623.71	17.31481	15.08859	4.46E-01	3.89E-01	5.79E-01	5.04E-01	6.90E-01	6.01E-01
423	387043.93, 3751648.71	17.54553	15.29632	4.52E-01	3.94E-01	5.86E-01	5.11E-01	6.99E-01	6.09E-01
424	387043.93, 3751673.71	17.76864	15.49703	4.58E-01	3.99E-01	5.94E-01	5.18E-01	7.08E-01	6.17E-01
425	387043.93, 3751698.71	17.98234	15.68533	4.63E-01	4.04E-01	6.01E-01	5.24E-01	7.16E-01	6.25E-01
426	387043.93, 3751723.71	18.17555	15.85569	4.68E-01	4.08E-01	6.08E-01	5.30E-01	7.24E-01	6.31E-01
427	387043.93, 3751748.71	18.32953	15.99235	4.72E-01	4.12E-01	6.13E-01	5.35E-01	7.30E-01	6.37E-01

428	387043.93, 3751773.71	18.42454	16.07811	4.74E-01	4.14E-01	6.16E-01	5.37E-01	7.34E-01	6.40E-01
429	387043.93, 3751798.71	18.4317	16.0876	4.75E-01	4.14E-01	6.16E-01	5.38E-01	7.34E-01	6.41E-01
430	387043.93, 3751823.71	18.30202	15.97805	4.71E-01	4.11E-01	6.12E-01	5.34E-01	7.29E-01	6.36E-01
431	387043.93, 3751848.71	17.95467	15.67898	4.62E-01	4.04E-01	6.00E-01	5.24E-01	7.15E-01	6.24E-01
432	387043.93, 3751873.71	17.27831	15.09152	4.45E-01	3.89E-01	5.78E-01	5.04E-01	6.88E-01	6.01E-01
433	387068.93, 3749448.71	6.67833	5.77521	1.72E-01	1.49E-01	2.23E-01	1.93E-01	2.66E-01	2.30E-01
434	387068.93, 3749473.71	6.78044	5.86375	1.75E-01	1.51E-01	2.27E-01	1.96E-01	2.70E-01	2.34E-01
435	387068.93, 3749498.71	6.88129	5.95113	1.77E-01	1.53E-01	2.30E-01	1.99E-01	2.74E-01	2.37E-01
436	387068.93, 3749523.71	6.98091	6.0374	1.80E-01	1.55E-01	2.33E-01	2.02E-01	2.78E-01	2.40E-01
437	387068.93, 3749548.71	7.07935	6.12265	1.82E-01	1.58E-01	2.37E-01	2.05E-01	2.82E-01	2.44E-01
438	387068.93, 3749573.71	7.17656	6.2069	1.85E-01	1.60E-01	2.40E-01	2.07E-01	2.86E-01	2.47E-01
439	387068.93, 3749598.71	7.2726	6.29021	1.87E-01	1.62E-01	2.43E-01	2.10E-01	2.90E-01	2.50E-01
440	387068.93, 3749623.71	7.36865	6.37328	1.90E-01	1.64E-01	2.46E-01	2.13E-01	2.93E-01	2.54E-01
441	387068.93, 3749648.71	7.46378	6.45563	1.92E-01	1.66E-01	2.49E-01	2.16E-01	2.97E-01	2.57E-01
442	387068.93, 3749673.71	7.55801	6.53732	1.95E-01	1.68E-01	2.53E-01	2.19E-01	3.01E-01	2.60E-01
443	387068.93, 3749698.71	7.65165	6.61854	1.97E-01	1.70E-01	2.56E-01	2.21E-01	3.05E-01	2.64E-01
444	387068.93, 3749723.71	7.74517	6.69958	1.99E-01	1.73E-01	2.59E-01	2.24E-01	3.08E-01	2.67E-01
445	387068.93, 3749748.71	7.83837	6.78038	2.02E-01	1.75E-01	2.62E-01	2.27E-01	3.12E-01	2.70E-01
446	387068.93, 3749773.71	7.93127	6.86097	2.04E-01	1.77E-01	2.65E-01	2.29E-01	3.16E-01	2.73E-01
447	387068.93, 3749798.71	8.02412	6.94151	2.07E-01	1.79E-01	2.68E-01	2.32E-01	3.20E-01	2.76E-01
448	387068.93, 3749823.71	8.11694	7.02205	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
449	387068.93, 3749848.71	8.20972	7.10261	2.11E-01	1.83E-01	2.74E-01	2.37E-01	3.27E-01	2.83E-01
450	387068.93, 3749873.71	8.3031	7.18358	2.14E-01	1.85E-01	2.78E-01	2.40E-01	3.31E-01	2.86E-01
451	387068.93, 3749898.71	8.39677	7.26479	2.16E-01	1.87E-01	2.81E-01	2.43E-01	3.34E-01	2.89E-01
452	387068.93, 3749923.71	8.49064	7.34623	2.19E-01	1.89E-01	2.84E-01	2.46E-01	3.38E-01	2.93E-01
453	387068.93, 3749948.71	8.58476	7.42795	2.21E-01	1.91E-01	2.87E-01	2.48E-01	3.42E-01	2.96E-01
454	387068.93, 3749973.71	8.67924	7.51005	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.46E-01	2.99E-01
455	387068.93, 3749998.71	8.77419	7.59259	2.26E-01	1.96E-01	2.93E-01	2.54E-01	3.49E-01	3.02E-01
456	387068.93, 3750023.71	8.87015	7.6759	2.28E-01	1.98E-01	2.96E-01	2.57E-01	3.53E-01	3.06E-01
457	387068.93, 3750048.71	8.96651	7.75967	2.31E-01	2.00E-01	3.00E-01	2.59E-01	3.57E-01	3.09E-01
458	387068.93, 3750073.71	9.06383	7.84423	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
459	387068.93, 3750098.71	9.16239	7.92977	2.36E-01	2.04E-01	3.06E-01	2.65E-01	3.65E-01	3.16E-01
460	387068.93, 3750123.71	9.26204	8.01621	2.39E-01	2.06E-01	3.10E-01	2.68E-01	3.69E-01	3.19E-01
461	387068.93, 3750148.71	9.36267	8.10351	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
462	387068.93, 3750173.71	9.46381	8.19146	2.44E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.26E-01
463	387068.93, 3750198.71	9.56634	8.28056	2.46E-01	2.13E-01	3.20E-01	2.77E-01	3.81E-01	3.30E-01

464	387068.93, 3750223.71	9.67065	8.37103	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.33E-01
465	387068.93, 3750248.71	9.77654	8.46281	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.89E-01	3.37E-01
466	387068.93, 3750273.71	9.88294	8.55531	2.54E-01	2.20E-01	3.30E-01	2.86E-01	3.94E-01	3.41E-01
467	387068.93, 3750298.71	9.99089	8.64915	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.44E-01
468	387068.93, 3750323.71	10.10058	8.74445	2.60E-01	2.25E-01	3.38E-01	2.92E-01	4.02E-01	3.48E-01
469	387068.93, 3750348.71	10.21211	8.84129	2.63E-01	2.28E-01	3.41E-01	2.96E-01	4.07E-01	3.52E-01
470	387068.93, 3750373.71	10.32533	8.93962	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.11E-01	3.56E-01
471	387068.93, 3750398.71	10.43947	9.03905	2.69E-01	2.33E-01	3.49E-01	3.02E-01	4.16E-01	3.60E-01
472	387068.93, 3750423.71	10.55521	9.13997	2.72E-01	2.35E-01	3.53E-01	3.06E-01	4.20E-01	3.64E-01
473	387068.93, 3750448.71	10.6735	9.24294	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.68E-01
474	387068.93, 3750473.71	10.79365	9.34761	2.78E-01	2.41E-01	3.61E-01	3.12E-01	4.30E-01	3.72E-01
475	387068.93, 3750498.71	10.91533	9.45383	2.81E-01	2.43E-01	3.65E-01	3.16E-01	4.35E-01	3.76E-01
476	387068.93, 3750523.71	11.03918	9.56198	2.84E-01	2.46E-01	3.69E-01	3.20E-01	4.40E-01	3.81E-01
477	387068.93, 3750548.71	11.1661	9.67261	2.88E-01	2.49E-01	3.73E-01	3.23E-01	4.45E-01	3.85E-01
478	387068.93, 3750573.71	11.2958	9.78558	2.91E-01	2.52E-01	3.78E-01	3.27E-01	4.50E-01	3.90E-01
479	387068.93, 3750598.71	11.42785	9.90068	2.94E-01	2.55E-01	3.82E-01	3.31E-01	4.55E-01	3.94E-01
480	387068.93, 3750623.71	11.56259	10.01817	2.98E-01	2.58E-01	3.86E-01	3.35E-01	4.60E-01	3.99E-01
481	387068.93, 3750648.71	11.70016	10.13814	3.01E-01	2.61E-01	3.91E-01	3.39E-01	4.66E-01	4.04E-01
482	387068.93, 3750673.71	11.84032	10.26052	3.05E-01	2.64E-01	3.96E-01	3.43E-01	4.71E-01	4.09E-01
483	387068.93, 3750698.71	11.98165	10.38455	3.09E-01	2.67E-01	4.01E-01	3.47E-01	4.77E-01	4.14E-01
484	387068.93, 3750723.71	12.12743	10.51212	3.12E-01	2.71E-01	4.05E-01	3.51E-01	4.83E-01	4.19E-01
485	387068.93, 3750748.71	12.27909	10.64404	3.16E-01	2.74E-01	4.10E-01	3.56E-01	4.89E-01	4.24E-01
486	387068.93, 3750773.71	12.43568	10.77986	3.20E-01	2.78E-01	4.16E-01	3.60E-01	4.95E-01	4.29E-01
487	387068.93, 3750798.71	12.59272	10.91715	3.24E-01	2.81E-01	4.21E-01	3.65E-01	5.01E-01	4.35E-01
488	387068.93, 3750823.71	12.75388	11.05799	3.28E-01	2.85E-01	4.26E-01	3.70E-01	5.08E-01	4.40E-01
489	387068.93, 3750848.71	12.9193	11.20253	3.33E-01	2.88E-01	4.32E-01	3.74E-01	5.14E-01	4.46E-01
490	387068.93, 3750873.71	13.08966	11.35122	3.37E-01	2.92E-01	4.38E-01	3.79E-01	5.21E-01	4.52E-01
491	387068.93, 3750898.71	13.2643	11.50374	3.42E-01	2.96E-01	4.43E-01	3.85E-01	5.28E-01	4.58E-01
492	387068.93, 3750923.71	13.44067	11.65876	3.46E-01	3.00E-01	4.49E-01	3.90E-01	5.35E-01	4.64E-01
493	387068.93, 3750948.71	13.62276	11.81858	3.51E-01	3.04E-01	4.55E-01	3.95E-01	5.42E-01	4.71E-01
494	387068.93, 3750973.71	13.81073	11.98336	3.56E-01	3.09E-01	4.62E-01	4.01E-01	5.50E-01	4.77E-01
495	387068.93, 3750998.71	14.00449	12.15315	3.61E-01	3.13E-01	4.68E-01	4.06E-01	5.58E-01	4.84E-01
496	387068.93, 3751023.71	14.20408	12.32805	3.66E-01	3.17E-01	4.75E-01	4.12E-01	5.66E-01	4.91E-01
497	387068.93, 3751048.71	14.40954	12.50821	3.71E-01	3.22E-01	4.82E-01	4.18E-01	5.74E-01	4.98E-01
498	387068.93, 3751073.71	14.62049	12.6935	3.76E-01	3.27E-01	4.89E-01	4.24E-01	5.82E-01	5.05E-01
499	387068.93, 3751098.71	14.83559	12.88329	3.82E-01	3.32E-01	4.96E-01	4.31E-01	5.91E-01	5.13E-01

500	387068.93, 3751123.71	15.05904	13.08006	3.88E-01	3.37E-01	5.03E-01	4.37E-01	6.00E-01	5.21E-01
501	387068.93, 3751148.71	15.29313	13.28519	3.94E-01	3.42E-01	5.11E-01	4.44E-01	6.09E-01	5.29E-01
502	387068.93, 3751173.71	15.53647	13.49807	4.00E-01	3.48E-01	5.19E-01	4.51E-01	6.19E-01	5.38E-01
503	387068.93, 3751198.71	15.78456	13.71632	4.06E-01	3.53E-01	5.28E-01	4.58E-01	6.29E-01	5.46E-01
504	387068.93, 3751223.71	16.04325	13.94337	4.13E-01	3.59E-01	5.36E-01	4.66E-01	6.39E-01	5.55E-01
505	387068.93, 3751248.71	16.31003	14.17799	4.20E-01	3.65E-01	5.45E-01	4.74E-01	6.49E-01	5.65E-01
506	387068.93, 3751273.71	16.58589	14.42091	4.27E-01	3.71E-01	5.54E-01	4.82E-01	6.60E-01	5.74E-01
507	387068.93, 3751298.71	16.87093	14.67239	4.34E-01	3.78E-01	5.64E-01	4.90E-01	6.72E-01	5.84E-01
508	387068.93, 3751323.71	17.16242	14.93109	4.42E-01	3.84E-01	5.74E-01	4.99E-01	6.83E-01	5.95E-01
509	387068.93, 3751348.71	17.46545	15.20007	4.50E-01	3.91E-01	5.84E-01	5.08E-01	6.95E-01	6.05E-01
510	387068.93, 3751373.71	17.78058	15.47991	4.58E-01	3.99E-01	5.94E-01	5.17E-01	7.08E-01	6.16E-01
511	387068.93, 3751398.71	18.10701	15.77041	4.66E-01	4.06E-01	6.05E-01	5.27E-01	7.21E-01	6.28E-01
512	387068.93, 3751423.71	18.44388	16.07135	4.75E-01	4.14E-01	6.17E-01	5.37E-01	7.34E-01	6.40E-01
513	387068.93, 3751448.71	18.7903	16.38251	4.84E-01	4.22E-01	6.28E-01	5.48E-01	7.48E-01	6.52E-01
514	387068.93, 3751473.71	19.1621	16.71238	4.93E-01	4.30E-01	6.41E-01	5.59E-01	7.63E-01	6.66E-01
515	387068.93, 3751498.71	19.56081	17.0613	5.04E-01	4.39E-01	6.54E-01	5.70E-01	7.79E-01	6.79E-01
516	387068.93, 3751523.71	19.9767	17.42533	5.14E-01	4.49E-01	6.68E-01	5.82E-01	7.96E-01	6.94E-01
517	387068.93, 3751548.71	20.406	17.80171	5.25E-01	4.58E-01	6.82E-01	5.95E-01	8.13E-01	7.09E-01
518	387068.93, 3751573.71	20.84778	18.18979	5.37E-01	4.68E-01	6.97E-01	6.08E-01	8.30E-01	7.24E-01
519	387068.93, 3751598.71	21.30437	18.59144	5.49E-01	4.79E-01	7.12E-01	6.21E-01	8.48E-01	7.40E-01
520	387068.93, 3751623.71	21.77732	19.00791	5.61E-01	4.89E-01	7.28E-01	6.35E-01	8.67E-01	7.57E-01
521	387068.93, 3751648.71	22.26959	19.44148	5.73E-01	5.01E-01	7.44E-01	6.50E-01	8.87E-01	7.74E-01
522	387068.93, 3751673.71	22.7772	19.88898	5.87E-01	5.12E-01	7.61E-01	6.65E-01	9.07E-01	7.92E-01
523	387068.93, 3751698.71	23.29555	20.34663	6.00E-01	5.24E-01	7.79E-01	6.80E-01	9.28E-01	8.10E-01
524	387068.93, 3751723.71	23.82534	20.81449	6.14E-01	5.36E-01	7.96E-01	6.96E-01	9.49E-01	8.29E-01
525	387068.93, 3751748.71	24.35145	21.27995	6.27E-01	5.48E-01	8.14E-01	7.11E-01	9.70E-01	8.47E-01
526	387068.93, 3751773.71	24.85097	21.72363	6.40E-01	5.59E-01	8.31E-01	7.26E-01	9.90E-01	8.65E-01
527	387068.93, 3751798.71	25.28864	22.11519	6.51E-01	5.69E-01	8.45E-01	7.39E-01	1.01E+00	8.81E-01
528	387068.93, 3751823.71	25.60304	22.40128	6.59E-01	5.77E-01	8.56E-01	7.49E-01	1.02E+00	8.92E-01
529	387068.93, 3751848.71	25.68609	22.4867	6.61E-01	5.79E-01	8.59E-01	7.52E-01	1.02E+00	8.95E-01
530	387068.93, 3751873.71	25.30561	22.16751	6.52E-01	5.71E-01	8.46E-01	7.41E-01	1.01E+00	8.83E-01
531	387093.93, 3749198.71	6.12215	5.12319	1.58E-01	1.32E-01	2.05E-01	1.71E-01	2.44E-01	2.04E-01
532	387093.93, 3749223.71	6.20653	5.2432	1.60E-01	1.35E-01	2.07E-01	1.75E-01	2.47E-01	2.09E-01
533	387093.93, 3749248.71	6.3211	5.36015	1.63E-01	1.38E-01	2.11E-01	1.79E-01	2.52E-01	2.13E-01
534	387093.93, 3749273.71	6.43077	5.47431	1.66E-01	1.41E-01	2.15E-01	1.83E-01	2.56E-01	2.18E-01
535	387093.93, 3749298.71	6.52794	5.58581	1.68E-01	1.44E-01	2.18E-01	1.87E-01	2.60E-01	2.22E-01

536	387093.93, 3749323.71	6.61605	5.69477	1.70E-01	1.47E-01	2.21E-01	1.90E-01	2.63E-01	2.27E-01
537	387093.93, 3749348.71	6.70802	5.8015	1.73E-01	1.49E-01	2.24E-01	1.94E-01	2.67E-01	2.31E-01
538	387093.93, 3749373.71	6.82883	5.90601	1.76E-01	1.52E-01	2.28E-01	1.97E-01	2.72E-01	2.35E-01
539	387093.93, 3749398.71	6.94712	6.00842	1.79E-01	1.55E-01	2.32E-01	2.01E-01	2.77E-01	2.39E-01
540	387093.93, 3749423.71	7.06314	6.10893	1.82E-01	1.57E-01	2.36E-01	2.04E-01	2.81E-01	2.43E-01
541	387093.93, 3749448.71	7.17705	6.20768	1.85E-01	1.60E-01	2.40E-01	2.07E-01	2.86E-01	2.47E-01
542	387093.93, 3749473.71	7.28898	6.30483	1.88E-01	1.62E-01	2.44E-01	2.11E-01	2.90E-01	2.51E-01
543	387093.93, 3749498.71	7.39986	6.40094	1.91E-01	1.65E-01	2.47E-01	2.14E-01	2.95E-01	2.55E-01
544	387093.93, 3749523.71	7.50973	6.49608	1.93E-01	1.67E-01	2.51E-01	2.17E-01	2.99E-01	2.59E-01
545	387093.93, 3749548.71	7.61837	6.5902	1.96E-01	1.70E-01	2.55E-01	2.20E-01	3.03E-01	2.62E-01
546	387093.93, 3749573.71	7.72568	6.68329	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.08E-01	2.66E-01
547	387093.93, 3749598.71	7.83179	6.77546	2.02E-01	1.74E-01	2.62E-01	2.26E-01	3.12E-01	2.70E-01
548	387093.93, 3749623.71	7.93852	6.86777	2.04E-01	1.77E-01	2.65E-01	2.30E-01	3.16E-01	2.73E-01
549	387093.93, 3749648.71	8.04439	6.95946	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
550	387093.93, 3749673.71	8.14937	7.05054	2.10E-01	1.82E-01	2.72E-01	2.36E-01	3.25E-01	2.81E-01
551	387093.93, 3749698.71	8.25385	7.14126	2.13E-01	1.84E-01	2.76E-01	2.39E-01	3.29E-01	2.84E-01
552	387093.93, 3749723.71	8.35862	7.23212	2.15E-01	1.86E-01	2.79E-01	2.42E-01	3.33E-01	2.88E-01
553	387093.93, 3749748.71	8.46339	7.32297	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.37E-01	2.92E-01
554	387093.93, 3749773.71	8.56796	7.41375	2.21E-01	1.91E-01	2.86E-01	2.48E-01	3.41E-01	2.95E-01
555	387093.93, 3749798.71	8.67273	7.50471	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.45E-01	2.99E-01
556	387093.93, 3749823.71	8.77755	7.59582	2.26E-01	1.96E-01	2.93E-01	2.54E-01	3.50E-01	3.02E-01
557	387093.93, 3749848.71	8.88247	7.68711	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.54E-01	3.06E-01
558	387093.93, 3749873.71	8.98899	7.77946	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.58E-01	3.10E-01
559	387093.93, 3749898.71	9.09616	7.87237	2.34E-01	2.03E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
560	387093.93, 3749923.71	9.20361	7.96567	2.37E-01	2.05E-01	3.08E-01	2.66E-01	3.67E-01	3.17E-01
561	387093.93, 3749948.71	9.31153	8.0595	2.40E-01	2.08E-01	3.11E-01	2.69E-01	3.71E-01	3.21E-01
562	387093.93, 3749973.71	9.42027	8.15407	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.75E-01	3.25E-01
563	387093.93, 3749998.71	9.52985	8.24943	2.45E-01	2.12E-01	3.19E-01	2.76E-01	3.79E-01	3.29E-01
564	387093.93, 3750023.71	9.64134	8.3462	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.84E-01	3.32E-01
565	387093.93, 3750048.71	9.75319	8.44356	2.51E-01	2.17E-01	3.26E-01	2.82E-01	3.88E-01	3.36E-01
566	387093.93, 3750073.71	9.8664	8.54209	2.54E-01	2.20E-01	3.30E-01	2.86E-01	3.93E-01	3.40E-01
567	387093.93, 3750098.71	9.9815	8.6421	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.97E-01	3.44E-01
568	387093.93, 3750123.71	10.09855	8.74367	2.60E-01	2.25E-01	3.38E-01	2.92E-01	4.02E-01	3.48E-01
569	387093.93, 3750148.71	10.21717	8.84662	2.63E-01	2.28E-01	3.42E-01	2.96E-01	4.07E-01	3.52E-01
570	387093.93, 3750173.71	10.33633	8.95042	2.66E-01	2.30E-01	3.46E-01	2.99E-01	4.12E-01	3.56E-01
571	387093.93, 3750198.71	10.45779	9.05605	2.69E-01	2.33E-01	3.50E-01	3.03E-01	4.16E-01	3.61E-01

572	387093.93, 3750223.71	10.58192	9.16378	2.72E-01	2.36E-01	3.54E-01	3.06E-01	4.21E-01	3.65E-01
573	387093.93, 3750248.71	10.70813	9.27329	2.76E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.69E-01
574	387093.93, 3750273.71	10.83522	9.38398	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.31E-01	3.74E-01
575	387093.93, 3750298.71	10.96475	9.49672	2.82E-01	2.45E-01	3.67E-01	3.17E-01	4.37E-01	3.78E-01
576	387093.93, 3750323.71	11.09703	9.61175	2.86E-01	2.48E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
577	387093.93, 3750348.71	11.23209	9.72911	2.89E-01	2.51E-01	3.75E-01	3.25E-01	4.47E-01	3.87E-01
578	387093.93, 3750373.71	11.36957	9.84864	2.93E-01	2.54E-01	3.80E-01	3.29E-01	4.53E-01	3.92E-01
579	387093.93, 3750398.71	11.50884	9.97004	2.96E-01	2.57E-01	3.85E-01	3.33E-01	4.58E-01	3.97E-01
580	387093.93, 3750423.71	11.65025	10.09355	3.00E-01	2.60E-01	3.89E-01	3.37E-01	4.64E-01	4.02E-01
581	387093.93, 3750448.71	11.7954	10.2201	3.04E-01	2.63E-01	3.94E-01	3.42E-01	4.70E-01	4.07E-01
582	387093.93, 3750473.71	11.94324	10.34916	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.12E-01
583	387093.93, 3750498.71	12.09335	10.48055	3.11E-01	2.70E-01	4.04E-01	3.50E-01	4.82E-01	4.17E-01
584	387093.93, 3750523.71	12.24666	10.61483	3.15E-01	2.73E-01	4.09E-01	3.55E-01	4.88E-01	4.23E-01
585	387093.93, 3750548.71	12.40434	10.75272	3.19E-01	2.77E-01	4.15E-01	3.59E-01	4.94E-01	4.28E-01
586	387093.93, 3750573.71	12.56627	10.89421	3.24E-01	2.81E-01	4.20E-01	3.64E-01	5.00E-01	4.34E-01
587	387093.93, 3750598.71	12.73232	11.03928	3.28E-01	2.84E-01	4.26E-01	3.69E-01	5.07E-01	4.40E-01
588	387093.93, 3750623.71	12.90275	11.18815	3.32E-01	2.88E-01	4.31E-01	3.74E-01	5.14E-01	4.46E-01
589	387093.93, 3750648.71	13.07772	11.34099	3.37E-01	2.92E-01	4.37E-01	3.79E-01	5.21E-01	4.52E-01
590	387093.93, 3750673.71	13.25695	11.49771	3.41E-01	2.96E-01	4.43E-01	3.84E-01	5.28E-01	4.58E-01
591	387093.93, 3750698.71	13.43918	11.6577	3.46E-01	3.00E-01	4.49E-01	3.90E-01	5.35E-01	4.64E-01
592	387093.93, 3750723.71	13.62843	11.82327	3.51E-01	3.04E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
593	387093.93, 3750748.71	13.82525	11.99481	3.56E-01	3.09E-01	4.62E-01	4.01E-01	5.51E-01	4.78E-01
594	387093.93, 3750773.71	14.02823	12.17166	3.61E-01	3.13E-01	4.69E-01	4.07E-01	5.59E-01	4.85E-01
595	387093.93, 3750798.71	14.23344	12.35173	3.67E-01	3.18E-01	4.76E-01	4.13E-01	5.67E-01	4.92E-01
596	387093.93, 3750823.71	14.44514	12.53749	3.72E-01	3.23E-01	4.83E-01	4.19E-01	5.75E-01	4.99E-01
597	387093.93, 3750848.71	14.66498	12.72999	3.78E-01	3.28E-01	4.90E-01	4.26E-01	5.84E-01	5.07E-01
598	387093.93, 3750873.71	14.89349	12.92965	3.84E-01	3.33E-01	4.98E-01	4.32E-01	5.93E-01	5.15E-01
599	387093.93, 3750898.71	15.1288	13.13556	3.90E-01	3.38E-01	5.06E-01	4.39E-01	6.02E-01	5.23E-01
600	387093.93, 3750923.71	15.36733	13.34589	3.96E-01	3.44E-01	5.14E-01	4.46E-01	6.12E-01	5.31E-01
601	387093.93, 3750948.71	15.61579	13.56453	4.02E-01	3.49E-01	5.22E-01	4.53E-01	6.22E-01	5.40E-01
602	387093.93, 3750973.71	15.87441	13.79179	4.09E-01	3.55E-01	5.31E-01	4.61E-01	6.32E-01	5.49E-01
603	387093.93, 3750998.71	16.142	14.02719	4.16E-01	3.61E-01	5.40E-01	4.69E-01	6.43E-01	5.59E-01
604	387093.93, 3751023.71	16.41899	14.27119	4.23E-01	3.67E-01	5.49E-01	4.77E-01	6.54E-01	5.68E-01
605	387093.93, 3751048.71	16.70672	14.52476	4.30E-01	3.74E-01	5.58E-01	4.86E-01	6.65E-01	5.78E-01
606	387093.93, 3751073.71	17.00357	14.78725	4.38E-01	3.81E-01	5.68E-01	4.94E-01	6.77E-01	5.89E-01
607	387093.93, 3751098.71	17.30884	15.05851	4.46E-01	3.88E-01	5.79E-01	5.03E-01	6.89E-01	6.00E-01

608	387093.93, 3751123.71	17.63102	15.34361	4.54E-01	3.95E-01	5.89E-01	5.13E-01	7.02E-01	6.11E-01
609	387093.93, 3751148.71	17.97246	15.6442	4.63E-01	4.03E-01	6.01E-01	5.23E-01	7.16E-01	6.23E-01
610	387093.93, 3751173.71	18.33099	15.9594	4.72E-01	4.11E-01	6.13E-01	5.33E-01	7.30E-01	6.36E-01
611	387093.93, 3751198.71	18.70052	16.28619	4.82E-01	4.19E-01	6.25E-01	5.44E-01	7.45E-01	6.49E-01
612	387093.93, 3751223.71	19.0912	16.63072	4.92E-01	4.28E-01	6.38E-01	5.56E-01	7.60E-01	6.62E-01
613	387093.93, 3751248.71	19.49854	16.99095	5.02E-01	4.38E-01	6.52E-01	5.68E-01	7.76E-01	6.77E-01
614	387093.93, 3751273.71	19.92525	17.36893	5.13E-01	4.47E-01	6.66E-01	5.81E-01	7.93E-01	6.92E-01
615	387093.93, 3751298.71	20.37162	17.7654	5.25E-01	4.57E-01	6.81E-01	5.94E-01	8.11E-01	7.07E-01
616	387093.93, 3751323.71	20.8418	18.17909	5.37E-01	4.68E-01	6.97E-01	6.08E-01	8.30E-01	7.24E-01
617	387093.93, 3751348.71	21.34046	18.61665	5.50E-01	4.79E-01	7.13E-01	6.22E-01	8.50E-01	7.41E-01
618	387093.93, 3751373.71	21.86718	19.07904	5.63E-01	4.91E-01	7.31E-01	6.38E-01	8.71E-01	7.60E-01
619	387093.93, 3751398.71	22.42496	19.56889	5.77E-01	5.04E-01	7.50E-01	6.54E-01	8.93E-01	7.79E-01
620	387093.93, 3751423.71	23.01299	20.08594	5.93E-01	5.17E-01	7.69E-01	6.71E-01	9.16E-01	8.00E-01
621	387093.93, 3751448.71	23.62938	20.62916	6.08E-01	5.31E-01	7.90E-01	6.90E-01	9.41E-01	8.21E-01
622	387093.93, 3751473.71	24.30249	21.2209	6.26E-01	5.46E-01	8.12E-01	7.09E-01	9.68E-01	8.45E-01
623	387093.93, 3751498.71	25.03316	21.86236	6.45E-01	5.63E-01	8.37E-01	7.31E-01	9.97E-01	8.71E-01
624	387093.93, 3751523.71	25.81701	22.55083	6.65E-01	5.81E-01	8.63E-01	7.54E-01	1.03E+00	8.98E-01
625	387093.93, 3751548.71	26.64899	23.28314	6.86E-01	6.00E-01	8.91E-01	7.78E-01	1.06E+00	9.27E-01
626	387093.93, 3751573.71	27.53296	24.06316	7.09E-01	6.20E-01	9.20E-01	8.04E-01	1.10E+00	9.58E-01
627	387093.93, 3751598.71	28.48216	24.90216	7.33E-01	6.41E-01	9.52E-01	8.32E-01	1.13E+00	9.92E-01
628	387093.93, 3751623.71	29.51201	25.81327	7.60E-01	6.65E-01	9.86E-01	8.63E-01	1.18E+00	1.03E+00
629	387093.93, 3751648.71	30.63971	26.81131	7.89E-01	6.90E-01	1.02E+00	8.96E-01	1.22E+00	1.07E+00
630	387093.93, 3751673.71	31.87422	27.90498	8.21E-01	7.19E-01	1.07E+00	9.33E-01	1.27E+00	1.11E+00
631	387093.93, 3751698.71	33.22412	29.10308	8.56E-01	7.49E-01	1.11E+00	9.73E-01	1.32E+00	1.16E+00
632	387093.93, 3751723.71	34.69882	30.41549	8.94E-01	7.83E-01	1.16E+00	1.02E+00	1.38E+00	1.21E+00
633	387093.93, 3751748.71	36.29124	31.83985	9.35E-01	8.20E-01	1.21E+00	1.06E+00	1.45E+00	1.27E+00
634	387093.93, 3751773.71	38.01029	33.38656	9.79E-01	8.60E-01	1.27E+00	1.12E+00	1.51E+00	1.33E+00
635	387093.93, 3751798.71	39.92028	35.10927	1.03E+00	9.04E-01	1.33E+00	1.17E+00	1.59E+00	1.40E+00
636	387093.93, 3751823.71	41.95944	36.96364	1.08E+00	9.52E-01	1.40E+00	1.24E+00	1.67E+00	1.47E+00
637	387093.93, 3751848.71	43.92126	38.78937	1.13E+00	9.99E-01	1.47E+00	1.30E+00	1.75E+00	1.54E+00
638	387093.93, 3751873.71	45.91193	40.65252	1.18E+00	1.05E+00	1.53E+00	1.36E+00	1.83E+00	1.62E+00
639	387118.93, 3748973.71	4.8836	4.15434	1.26E-01	1.07E-01	1.63E-01	1.39E-01	1.94E-01	1.65E-01
640	387118.93, 3748998.71	5.27433	4.31917	1.36E-01	1.11E-01	1.76E-01	1.44E-01	2.10E-01	1.72E-01
641	387118.93, 3749023.71	5.55815	4.4806	1.43E-01	1.15E-01	1.86E-01	1.50E-01	2.21E-01	1.78E-01
642	387118.93, 3749048.71	5.7753	4.63876	1.49E-01	1.19E-01	1.93E-01	1.55E-01	2.30E-01	1.85E-01
643	387118.93, 3749073.71	5.94367	4.79356	1.53E-01	1.23E-01	1.99E-01	1.60E-01	2.37E-01	1.91E-01

644	387118.93, 3749098.71	6.0779	4.94467	1.57E-01	1.27E-01	2.03E-01	1.65E-01	2.42E-01	1.97E-01
645	387118.93, 3749123.71	6.19148	5.09201	1.59E-01	1.31E-01	2.07E-01	1.70E-01	2.47E-01	2.03E-01
646	387118.93, 3749148.71	6.29388	5.23558	1.62E-01	1.35E-01	2.10E-01	1.75E-01	2.51E-01	2.08E-01
647	387118.93, 3749173.71	6.39752	5.37533	1.65E-01	1.38E-01	2.14E-01	1.80E-01	2.55E-01	2.14E-01
648	387118.93, 3749198.71	6.49396	5.51116	1.67E-01	1.42E-01	2.17E-01	1.84E-01	2.59E-01	2.19E-01
649	387118.93, 3749223.71	6.60664	5.64327	1.70E-01	1.45E-01	2.21E-01	1.89E-01	2.63E-01	2.25E-01
650	387118.93, 3749248.71	6.7324	5.77201	1.73E-01	1.49E-01	2.25E-01	1.93E-01	2.68E-01	2.30E-01
651	387118.93, 3749273.71	6.8431	5.89765	1.76E-01	1.52E-01	2.29E-01	1.97E-01	2.73E-01	2.35E-01
652	387118.93, 3749298.71	6.9596	6.02033	1.79E-01	1.55E-01	2.33E-01	2.01E-01	2.77E-01	2.40E-01
653	387118.93, 3749323.71	7.09809	6.1402	1.83E-01	1.58E-01	2.37E-01	2.05E-01	2.83E-01	2.45E-01
654	387118.93, 3749348.71	7.23365	6.25753	1.86E-01	1.61E-01	2.42E-01	2.09E-01	2.88E-01	2.49E-01
655	387118.93, 3749373.71	7.36667	6.37264	1.90E-01	1.64E-01	2.46E-01	2.13E-01	2.93E-01	2.54E-01
656	387118.93, 3749398.71	7.49708	6.48556	1.93E-01	1.67E-01	2.51E-01	2.17E-01	2.99E-01	2.58E-01
657	387118.93, 3749423.71	7.6251	6.5965	1.96E-01	1.70E-01	2.55E-01	2.20E-01	3.04E-01	2.63E-01
658	387118.93, 3749448.71	7.7509	6.70564	2.00E-01	1.73E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
659	387118.93, 3749473.71	7.87454	6.81308	2.03E-01	1.75E-01	2.63E-01	2.28E-01	3.14E-01	2.71E-01
660	387118.93, 3749498.71	7.99743	6.91967	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.76E-01
661	387118.93, 3749523.71	8.1196	7.0255	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
662	387118.93, 3749548.71	8.24078	7.13048	2.12E-01	1.84E-01	2.75E-01	2.38E-01	3.28E-01	2.84E-01
663	387118.93, 3749573.71	8.36066	7.2345	2.15E-01	1.86E-01	2.79E-01	2.42E-01	3.33E-01	2.88E-01
664	387118.93, 3749598.71	8.47906	7.33752	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.38E-01	2.92E-01
665	387118.93, 3749623.71	8.59871	7.4411	2.21E-01	1.92E-01	2.87E-01	2.49E-01	3.42E-01	2.96E-01
666	387118.93, 3749648.71	8.71802	7.54443	2.24E-01	1.94E-01	2.91E-01	2.52E-01	3.47E-01	3.00E-01
667	387118.93, 3749673.71	8.83658	7.64731	2.28E-01	1.97E-01	2.95E-01	2.56E-01	3.52E-01	3.05E-01
668	387118.93, 3749698.71	8.95474	7.75	2.31E-01	2.00E-01	2.99E-01	2.59E-01	3.57E-01	3.09E-01
669	387118.93, 3749723.71	9.07343	7.85305	2.34E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.13E-01
670	387118.93, 3749748.71	9.19263	7.95649	2.37E-01	2.05E-01	3.07E-01	2.66E-01	3.66E-01	3.17E-01
671	387118.93, 3749773.71	9.31208	8.06024	2.40E-01	2.08E-01	3.11E-01	2.69E-01	3.71E-01	3.21E-01
672	387118.93, 3749798.71	9.43207	8.16448	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.76E-01	3.25E-01
673	387118.93, 3749823.71	9.55245	8.26919	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
674	387118.93, 3749848.71	9.67326	8.37441	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.33E-01
675	387118.93, 3749873.71	9.79614	8.4811	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.90E-01	3.38E-01
676	387118.93, 3749898.71	9.92048	8.58896	2.55E-01	2.21E-01	3.32E-01	2.87E-01	3.95E-01	3.42E-01
677	387118.93, 3749923.71	10.04543	8.69757	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.00E-01	3.46E-01
678	387118.93, 3749948.71	10.17134	8.80714	2.62E-01	2.27E-01	3.40E-01	2.94E-01	4.05E-01	3.51E-01
679	387118.93, 3749973.71	10.29849	8.91789	2.65E-01	2.30E-01	3.44E-01	2.98E-01	4.10E-01	3.55E-01

680	387118.93, 3749998.71	10.42748	9.03018	2.69E-01	2.33E-01	3.49E-01	3.02E-01	4.15E-01	3.60E-01
681	387118.93, 3750023.71	10.55901	9.14443	2.72E-01	2.35E-01	3.53E-01	3.06E-01	4.20E-01	3.64E-01
682	387118.93, 3750048.71	10.69142	9.25978	2.75E-01	2.38E-01	3.57E-01	3.10E-01	4.26E-01	3.69E-01
683	387118.93, 3750073.71	10.82599	9.37697	2.79E-01	2.41E-01	3.62E-01	3.13E-01	4.31E-01	3.73E-01
684	387118.93, 3750098.71	10.96331	9.49637	2.82E-01	2.45E-01	3.66E-01	3.17E-01	4.37E-01	3.78E-01
685	387118.93, 3750123.71	11.10303	9.61784	2.86E-01	2.48E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
686	387118.93, 3750148.71	11.24488	9.74126	2.90E-01	2.51E-01	3.76E-01	3.26E-01	4.48E-01	3.88E-01
687	387118.93, 3750173.71	11.38838	9.86643	2.93E-01	2.54E-01	3.81E-01	3.30E-01	4.54E-01	3.93E-01
688	387118.93, 3750198.71	11.53529	9.99435	2.97E-01	2.57E-01	3.86E-01	3.34E-01	4.59E-01	3.98E-01
689	387118.93, 3750223.71	11.68586	10.12524	3.01E-01	2.61E-01	3.91E-01	3.38E-01	4.65E-01	4.03E-01
690	387118.93, 3750248.71	11.83964	10.25887	3.05E-01	2.64E-01	3.96E-01	3.43E-01	4.71E-01	4.09E-01
691	387118.93, 3750273.71	11.99511	10.39448	3.09E-01	2.68E-01	4.01E-01	3.47E-01	4.78E-01	4.14E-01
692	387118.93, 3750298.71	12.15444	10.53332	3.13E-01	2.71E-01	4.06E-01	3.52E-01	4.84E-01	4.19E-01
693	387118.93, 3750323.71	12.31732	10.67527	3.17E-01	2.75E-01	4.12E-01	3.57E-01	4.90E-01	4.25E-01
694	387118.93, 3750348.71	12.48423	10.82067	3.21E-01	2.79E-01	4.17E-01	3.62E-01	4.97E-01	4.31E-01
695	387118.93, 3750373.71	12.65511	10.96956	3.26E-01	2.82E-01	4.23E-01	3.67E-01	5.04E-01	4.37E-01
696	387118.93, 3750398.71	12.82892	11.12141	3.30E-01	2.86E-01	4.29E-01	3.72E-01	5.11E-01	4.43E-01
697	387118.93, 3750423.71	13.00574	11.27636	3.35E-01	2.90E-01	4.35E-01	3.77E-01	5.18E-01	4.49E-01
698	387118.93, 3750448.71	13.1891	11.43644	3.40E-01	2.94E-01	4.41E-01	3.82E-01	5.25E-01	4.55E-01
699	387118.93, 3750473.71	13.37709	11.60067	3.44E-01	2.99E-01	4.47E-01	3.88E-01	5.33E-01	4.62E-01
700	387118.93, 3750498.71	13.56853	11.76849	3.49E-01	3.03E-01	4.54E-01	3.93E-01	5.40E-01	4.69E-01
701	387118.93, 3750523.71	13.76374	11.94017	3.54E-01	3.07E-01	4.60E-01	3.99E-01	5.48E-01	4.75E-01
702	387118.93, 3750548.71	13.96608	12.11767	3.60E-01	3.12E-01	4.67E-01	4.05E-01	5.56E-01	4.83E-01
703	387118.93, 3750573.71	14.17647	12.30161	3.65E-01	3.17E-01	4.74E-01	4.11E-01	5.65E-01	4.90E-01
704	387118.93, 3750598.71	14.39352	12.49135	3.71E-01	3.22E-01	4.81E-01	4.18E-01	5.73E-01	4.97E-01
705	387118.93, 3750623.71	14.61671	12.6867	3.76E-01	3.27E-01	4.89E-01	4.24E-01	5.82E-01	5.05E-01
706	387118.93, 3750648.71	14.84633	12.88797	3.82E-01	3.32E-01	4.96E-01	4.31E-01	5.91E-01	5.13E-01
707	387118.93, 3750673.71	15.08299	13.09564	3.88E-01	3.37E-01	5.04E-01	4.38E-01	6.01E-01	5.21E-01
708	387118.93, 3750698.71	15.32409	13.30842	3.95E-01	3.43E-01	5.12E-01	4.45E-01	6.10E-01	5.30E-01
709	387118.93, 3750723.71	15.57805	13.53115	4.01E-01	3.48E-01	5.21E-01	4.52E-01	6.20E-01	5.39E-01
710	387118.93, 3750748.71	15.84381	13.76344	4.08E-01	3.54E-01	5.30E-01	4.60E-01	6.31E-01	5.48E-01
711	387118.93, 3750773.71	16.11831	14.00377	4.15E-01	3.61E-01	5.39E-01	4.68E-01	6.42E-01	5.58E-01
712	387118.93, 3750798.71	16.39784	14.25028	4.22E-01	3.67E-01	5.48E-01	4.76E-01	6.53E-01	5.67E-01
713	387118.93, 3750823.71	16.68712	14.50583	4.30E-01	3.74E-01	5.58E-01	4.85E-01	6.65E-01	5.78E-01
714	387118.93, 3750848.71	16.99252	14.77425	4.38E-01	3.80E-01	5.68E-01	4.94E-01	6.77E-01	5.88E-01
715	387118.93, 3750873.71	17.31401	15.05578	4.46E-01	3.88E-01	5.79E-01	5.03E-01	6.89E-01	6.00E-01

716	387118.93, 3750898.71	17.64729	15.34831	4.54E-01	3.95E-01	5.90E-01	5.13E-01	7.03E-01	6.11E-01
717	387118.93, 3750923.71	17.98695	15.64916	4.63E-01	4.03E-01	6.01E-01	5.23E-01	7.16E-01	6.23E-01
718	387118.93, 3750948.71	18.34367	15.96464	4.72E-01	4.11E-01	6.13E-01	5.34E-01	7.30E-01	6.36E-01
719	387118.93, 3750973.71	18.7197	16.29645	4.82E-01	4.20E-01	6.26E-01	5.45E-01	7.45E-01	6.49E-01
720	387118.93, 3750998.71	19.11148	16.64303	4.92E-01	4.29E-01	6.39E-01	5.56E-01	7.61E-01	6.63E-01
721	387118.93, 3751023.71	19.51978	17.00531	5.03E-01	4.38E-01	6.52E-01	5.68E-01	7.77E-01	6.77E-01
722	387118.93, 3751048.71	19.94775	17.38561	5.14E-01	4.48E-01	6.67E-01	5.81E-01	7.94E-01	6.92E-01
723	387118.93, 3751073.71	20.39526	17.78447	5.25E-01	4.58E-01	6.82E-01	5.94E-01	8.12E-01	7.08E-01
724	387118.93, 3751098.71	20.86776	18.20165	5.37E-01	4.69E-01	6.98E-01	6.08E-01	8.31E-01	7.25E-01
725	387118.93, 3751123.71	21.37431	18.64598	5.50E-01	4.80E-01	7.14E-01	6.23E-01	8.51E-01	7.43E-01
726	387118.93, 3751148.71	21.91775	19.12202	5.64E-01	4.92E-01	7.33E-01	6.39E-01	8.73E-01	7.61E-01
727	387118.93, 3751173.71	22.49665	19.62899	5.79E-01	5.05E-01	7.52E-01	6.56E-01	8.96E-01	7.82E-01
728	387118.93, 3751198.71	23.10364	20.16158	5.95E-01	5.19E-01	7.72E-01	6.74E-01	9.20E-01	8.03E-01
729	387118.93, 3751223.71	23.75613	20.73368	6.12E-01	5.34E-01	7.94E-01	6.93E-01	9.46E-01	8.26E-01
730	387118.93, 3751248.71	24.45048	21.34296	6.30E-01	5.50E-01	8.17E-01	7.13E-01	9.74E-01	8.50E-01
731	387118.93, 3751273.71	25.1932	21.99505	6.49E-01	5.66E-01	8.42E-01	7.35E-01	1.00E+00	8.76E-01
732	387118.93, 3751298.71	25.98659	22.6924	6.69E-01	5.84E-01	8.69E-01	7.59E-01	1.03E+00	9.04E-01
733	387118.93, 3751323.71	26.82923	23.43471	6.91E-01	6.03E-01	8.97E-01	7.83E-01	1.07E+00	9.33E-01
734	387118.93, 3751348.71	27.74256	24.23947	7.14E-01	6.24E-01	9.27E-01	8.10E-01	1.10E+00	9.65E-01
735	387118.93, 3751373.71	28.73302	25.11282	7.40E-01	6.47E-01	9.60E-01	8.39E-01	1.14E+00	1.00E+00
736	387118.93, 3751398.71	29.81219	26.06506	7.68E-01	6.71E-01	9.97E-01	8.71E-01	1.19E+00	1.04E+00
737	387118.93, 3751423.71	30.99074	27.10612	7.98E-01	6.98E-01	1.04E+00	9.06E-01	1.23E+00	1.08E+00
738	387118.93, 3751448.71	32.279	28.24602	8.31E-01	7.27E-01	1.08E+00	9.44E-01	1.29E+00	1.12E+00
739	387118.93, 3751473.71	33.70701	29.51058	8.68E-01	7.60E-01	1.13E+00	9.86E-01	1.34E+00	1.18E+00
740	387118.93, 3751498.71	35.2671	30.89706	9.08E-01	7.96E-01	1.18E+00	1.03E+00	1.40E+00	1.23E+00
741	387118.93, 3751523.71	37.02326	32.459	9.53E-01	8.36E-01	1.24E+00	1.08E+00	1.47E+00	1.29E+00
742	387118.93, 3751548.71	39.02769	34.24226	1.00E+00	8.82E-01	1.30E+00	1.14E+00	1.55E+00	1.36E+00
743	387118.93, 3751573.71	41.19852	36.19041	1.06E+00	9.32E-01	1.38E+00	1.21E+00	1.64E+00	1.44E+00
744	387118.93, 3751598.71	43.5293	38.30799	1.12E+00	9.86E-01	1.46E+00	1.28E+00	1.73E+00	1.53E+00
745	387118.93, 3751623.71	46.57607	41.03959	1.20E+00	1.06E+00	1.56E+00	1.37E+00	1.85E+00	1.63E+00
746	387118.93, 3751648.71	50.04453	44.17517	1.29E+00	1.14E+00	1.67E+00	1.48E+00	1.99E+00	1.76E+00
747	387118.93, 3751673.71	53.8746	47.69464	1.39E+00	1.23E+00	1.80E+00	1.59E+00	2.15E+00	1.90E+00
748	387118.93, 3751698.71	58.00939	51.58902	1.49E+00	1.33E+00	1.94E+00	1.72E+00	2.31E+00	2.05E+00
749	387118.93, 3751723.71	62.46571	55.91337	1.61E+00	1.44E+00	2.09E+00	1.87E+00	2.49E+00	2.23E+00
750	387118.93, 3751748.71	68.52798	61.10344	1.76E+00	1.57E+00	2.29E+00	2.04E+00	2.73E+00	2.43E+00
751	387143.93, 3748973.71	5.25967	4.44346	1.35E-01	1.14E-01	1.76E-01	1.49E-01	2.09E-01	1.77E-01

752	387143.93, 3748998.71	5.63607	4.6281	1.45E-01	1.19E-01	1.88E-01	1.55E-01	2.24E-01	1.84E-01
753	387143.93, 3749023.71	5.9288	4.80964	1.53E-01	1.24E-01	1.98E-01	1.61E-01	2.36E-01	1.92E-01
754	387143.93, 3749048.71	6.13225	4.98539	1.58E-01	1.28E-01	2.05E-01	1.67E-01	2.44E-01	1.99E-01
755	387143.93, 3749073.71	6.29332	5.1578	1.62E-01	1.33E-01	2.10E-01	1.72E-01	2.51E-01	2.05E-01
756	387143.93, 3749098.71	6.467	5.33039	1.67E-01	1.37E-01	2.16E-01	1.78E-01	2.58E-01	2.12E-01
757	387143.93, 3749123.71	6.58695	5.49477	1.70E-01	1.41E-01	2.20E-01	1.84E-01	2.62E-01	2.19E-01
758	387143.93, 3749148.71	6.70081	5.65451	1.73E-01	1.46E-01	2.24E-01	1.89E-01	2.67E-01	2.25E-01
759	387143.93, 3749173.71	6.81291	5.80964	1.75E-01	1.50E-01	2.28E-01	1.94E-01	2.71E-01	2.31E-01
760	387143.93, 3749198.71	6.92305	5.9602	1.78E-01	1.53E-01	2.31E-01	1.99E-01	2.76E-01	2.37E-01
761	387143.93, 3749223.71	7.06932	6.10667	1.82E-01	1.57E-01	2.36E-01	2.04E-01	2.82E-01	2.43E-01
762	387143.93, 3749248.71	7.22271	6.24936	1.86E-01	1.61E-01	2.41E-01	2.09E-01	2.88E-01	2.49E-01
763	387143.93, 3749273.71	7.38346	6.38851	1.90E-01	1.65E-01	2.47E-01	2.14E-01	2.94E-01	2.54E-01
764	387143.93, 3749298.71	7.54036	6.52433	1.94E-01	1.68E-01	2.52E-01	2.18E-01	3.00E-01	2.60E-01
765	387143.93, 3749323.71	7.69362	6.65706	1.98E-01	1.71E-01	2.57E-01	2.23E-01	3.06E-01	2.65E-01
766	387143.93, 3749348.71	7.84368	6.78706	2.02E-01	1.75E-01	2.62E-01	2.27E-01	3.12E-01	2.70E-01
767	387143.93, 3749373.71	7.99124	6.91482	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.75E-01
768	387143.93, 3749398.71	8.13612	7.04034	2.10E-01	1.81E-01	2.72E-01	2.35E-01	3.24E-01	2.80E-01
769	387143.93, 3749423.71	8.2786	7.1639	2.13E-01	1.84E-01	2.77E-01	2.39E-01	3.30E-01	2.85E-01
770	387143.93, 3749448.71	8.41881	7.28565	2.17E-01	1.88E-01	2.81E-01	2.44E-01	3.35E-01	2.90E-01
771	387143.93, 3749473.71	8.55694	7.40578	2.20E-01	1.91E-01	2.86E-01	2.48E-01	3.41E-01	2.95E-01
772	387143.93, 3749498.71	8.69435	7.52515	2.24E-01	1.94E-01	2.91E-01	2.52E-01	3.46E-01	3.00E-01
773	387143.93, 3749523.71	8.83118	7.6439	2.27E-01	1.97E-01	2.95E-01	2.56E-01	3.52E-01	3.04E-01
774	387143.93, 3749548.71	8.96757	7.76218	2.31E-01	2.00E-01	3.00E-01	2.59E-01	3.57E-01	3.09E-01
775	387143.93, 3749573.71	9.1034	7.88002	2.34E-01	2.03E-01	3.04E-01	2.63E-01	3.63E-01	3.14E-01
776	387143.93, 3749598.71	9.23827	7.99725	2.38E-01	2.06E-01	3.09E-01	2.67E-01	3.68E-01	3.18E-01
777	387143.93, 3749623.71	9.37413	8.11502	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
778	387143.93, 3749648.71	9.51048	8.23311	2.45E-01	2.12E-01	3.18E-01	2.75E-01	3.79E-01	3.28E-01
779	387143.93, 3749673.71	9.64632	8.35103	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.84E-01	3.33E-01
780	387143.93, 3749698.71	9.782	8.46905	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.90E-01	3.37E-01
781	387143.93, 3749723.71	9.91836	8.58767	2.55E-01	2.21E-01	3.32E-01	2.87E-01	3.95E-01	3.42E-01
782	387143.93, 3749748.71	10.05605	8.70731	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.00E-01	3.47E-01
783	387143.93, 3749773.71	10.19464	8.82779	2.63E-01	2.27E-01	3.41E-01	2.95E-01	4.06E-01	3.52E-01
784	387143.93, 3749798.71	10.3345	8.94937	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.12E-01	3.56E-01
785	387143.93, 3749823.71	10.47533	9.07193	2.70E-01	2.34E-01	3.50E-01	3.03E-01	4.17E-01	3.61E-01
786	387143.93, 3749848.71	10.61714	9.19554	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
787	387143.93, 3749873.71	10.76157	9.32114	2.77E-01	2.40E-01	3.60E-01	3.12E-01	4.29E-01	3.71E-01

788	387143.93, 3749898.71	10.90822	9.44859	2.81E-01	2.43E-01	3.65E-01	3.16E-01	4.34E-01	3.76E-01
789	387143.93, 3749923.71	11.05606	9.57735	2.85E-01	2.47E-01	3.70E-01	3.20E-01	4.40E-01	3.81E-01
790	387143.93, 3749948.71	11.20567	9.70781	2.89E-01	2.50E-01	3.75E-01	3.24E-01	4.46E-01	3.87E-01
791	387143.93, 3749973.71	11.35768	9.84037	2.92E-01	2.53E-01	3.80E-01	3.29E-01	4.52E-01	3.92E-01
792	387143.93, 3749998.71	11.51277	9.97546	2.96E-01	2.57E-01	3.85E-01	3.33E-01	4.58E-01	3.97E-01
793	387143.93, 3750023.71	11.67143	10.11341	3.01E-01	2.60E-01	3.90E-01	3.38E-01	4.65E-01	4.03E-01
794	387143.93, 3750048.71	11.8311	10.25287	3.05E-01	2.64E-01	3.95E-01	3.43E-01	4.71E-01	4.08E-01
795	387143.93, 3750073.71	11.99439	10.39534	3.09E-01	2.68E-01	4.01E-01	3.47E-01	4.78E-01	4.14E-01
796	387143.93, 3750098.71	12.16203	10.54129	3.13E-01	2.71E-01	4.07E-01	3.52E-01	4.84E-01	4.20E-01
797	387143.93, 3750123.71	12.33353	10.69052	3.18E-01	2.75E-01	4.12E-01	3.57E-01	4.91E-01	4.26E-01
798	387143.93, 3750148.71	12.50803	10.84261	3.22E-01	2.79E-01	4.18E-01	3.62E-01	4.98E-01	4.32E-01
799	387143.93, 3750173.71	12.68579	10.99779	3.27E-01	2.83E-01	4.24E-01	3.68E-01	5.05E-01	4.38E-01
800	387143.93, 3750198.71	12.86811	11.15686	3.31E-01	2.87E-01	4.30E-01	3.73E-01	5.12E-01	4.44E-01
801	387143.93, 3750223.71	13.05556	11.32021	3.36E-01	2.92E-01	4.36E-01	3.78E-01	5.20E-01	4.51E-01
802	387143.93, 3750248.71	13.24784	11.48776	3.41E-01	2.96E-01	4.43E-01	3.84E-01	5.28E-01	4.57E-01
803	387143.93, 3750273.71	13.4438	11.65897	3.46E-01	3.00E-01	4.49E-01	3.90E-01	5.35E-01	4.64E-01
804	387143.93, 3750298.71	13.64509	11.83484	3.51E-01	3.05E-01	4.56E-01	3.96E-01	5.43E-01	4.71E-01
805	387143.93, 3750323.71	13.85223	12.01577	3.57E-01	3.09E-01	4.63E-01	4.02E-01	5.52E-01	4.78E-01
806	387143.93, 3750348.71	14.06562	12.20208	3.62E-01	3.14E-01	4.70E-01	4.08E-01	5.60E-01	4.86E-01
807	387143.93, 3750373.71	14.28498	12.39374	3.68E-01	3.19E-01	4.77E-01	4.14E-01	5.69E-01	4.94E-01
808	387143.93, 3750398.71	14.50894	12.5901	3.74E-01	3.24E-01	4.85E-01	4.21E-01	5.78E-01	5.01E-01
809	387143.93, 3750423.71	14.73949	12.79241	3.80E-01	3.29E-01	4.93E-01	4.28E-01	5.87E-01	5.09E-01
810	387143.93, 3750448.71	14.97922	13.00225	3.86E-01	3.35E-01	5.01E-01	4.35E-01	5.96E-01	5.18E-01
811	387143.93, 3750473.71	15.22654	13.21887	3.92E-01	3.40E-01	5.09E-01	4.42E-01	6.06E-01	5.26E-01
812	387143.93, 3750498.71	15.48047	13.44192	3.99E-01	3.46E-01	5.17E-01	4.49E-01	6.16E-01	5.35E-01
813	387143.93, 3750523.71	15.74094	13.67151	4.05E-01	3.52E-01	5.26E-01	4.57E-01	6.27E-01	5.44E-01
814	387143.93, 3750548.71	16.01068	13.90937	4.12E-01	3.58E-01	5.35E-01	4.65E-01	6.38E-01	5.54E-01
815	387143.93, 3750573.71	16.29325	14.15768	4.20E-01	3.65E-01	5.45E-01	4.73E-01	6.49E-01	5.64E-01
816	387143.93, 3750598.71	16.58752	14.41603	4.27E-01	3.71E-01	5.54E-01	4.82E-01	6.61E-01	5.74E-01
817	387143.93, 3750623.71	16.89262	14.6842	4.35E-01	3.78E-01	5.65E-01	4.91E-01	6.73E-01	5.85E-01
818	387143.93, 3750648.71	17.20845	14.9624	4.43E-01	3.85E-01	5.75E-01	5.00E-01	6.85E-01	5.96E-01
819	387143.93, 3750673.71	17.5372	15.25215	4.52E-01	3.93E-01	5.86E-01	5.10E-01	6.98E-01	6.07E-01
820	387143.93, 3750698.71	17.87432	15.55121	4.60E-01	4.00E-01	5.97E-01	5.20E-01	7.12E-01	6.19E-01
821	387143.93, 3750723.71	18.23344	15.86759	4.70E-01	4.09E-01	6.09E-01	5.30E-01	7.26E-01	6.32E-01
822	387143.93, 3750748.71	18.61299	16.20079	4.79E-01	4.17E-01	6.22E-01	5.42E-01	7.41E-01	6.45E-01
823	387143.93, 3750773.71	19.00705	16.54792	4.89E-01	4.26E-01	6.35E-01	5.53E-01	7.57E-01	6.59E-01

824	387143.93, 3750798.71	19.41248	16.9077	5.00E-01	4.35E-01	6.49E-01	5.65E-01	7.73E-01	6.73E-01
825	387143.93, 3750823.71	19.83651	17.28472	5.11E-01	4.45E-01	6.63E-01	5.78E-01	7.90E-01	6.88E-01
826	387143.93, 3750848.71	20.28963	17.68549	5.22E-01	4.55E-01	6.78E-01	5.91E-01	8.08E-01	7.04E-01
827	387143.93, 3750873.71	20.77204	18.11078	5.35E-01	4.66E-01	6.94E-01	6.05E-01	8.27E-01	7.21E-01
828	387143.93, 3750898.71	21.27847	18.558	5.48E-01	4.78E-01	7.11E-01	6.20E-01	8.47E-01	7.39E-01
829	387143.93, 3750923.71	21.81022	19.02432	5.62E-01	4.90E-01	7.29E-01	6.36E-01	8.69E-01	7.58E-01
830	387143.93, 3750948.71	22.37402	19.51882	5.76E-01	5.03E-01	7.48E-01	6.52E-01	8.91E-01	7.77E-01
831	387143.93, 3750973.71	22.97448	20.04543	5.92E-01	5.16E-01	7.68E-01	6.70E-01	9.15E-01	7.98E-01
832	387143.93, 3750998.71	23.61148	20.60445	6.08E-01	5.31E-01	7.89E-01	6.89E-01	9.40E-01	8.20E-01
833	387143.93, 3751023.71	24.28784	21.19853	6.25E-01	5.46E-01	8.12E-01	7.09E-01	9.67E-01	8.44E-01
834	387143.93, 3751048.71	25.00899	21.83243	6.44E-01	5.62E-01	8.36E-01	7.30E-01	9.96E-01	8.69E-01
835	387143.93, 3751073.71	25.78051	22.51107	6.64E-01	5.80E-01	8.62E-01	7.52E-01	1.03E+00	8.96E-01
836	387143.93, 3751098.71	26.60692	23.2387	6.85E-01	5.98E-01	8.89E-01	7.77E-01	1.06E+00	9.25E-01
837	387143.93, 3751123.71	27.50442	24.02871	7.08E-01	6.19E-01	9.19E-01	8.03E-01	1.10E+00	9.57E-01
838	387143.93, 3751148.71	28.48349	24.89022	7.33E-01	6.41E-01	9.52E-01	8.32E-01	1.13E+00	9.91E-01
839	387143.93, 3751173.71	29.54893	25.82822	7.61E-01	6.65E-01	9.88E-01	8.63E-01	1.18E+00	1.03E+00
840	387143.93, 3751198.71	30.70294	26.84592	7.91E-01	6.91E-01	1.03E+00	8.97E-01	1.22E+00	1.07E+00
841	387143.93, 3751223.71	31.96591	27.96093	8.23E-01	7.20E-01	1.07E+00	9.35E-01	1.27E+00	1.11E+00
842	387143.93, 3751248.71	33.35398	29.18802	8.59E-01	7.52E-01	1.11E+00	9.76E-01	1.33E+00	1.16E+00
843	387143.93, 3751273.71	34.89386	30.55071	8.99E-01	7.87E-01	1.17E+00	1.02E+00	1.39E+00	1.22E+00
844	387143.93, 3751298.71	36.60084	32.06441	9.43E-01	8.26E-01	1.22E+00	1.07E+00	1.46E+00	1.28E+00
845	387143.93, 3751323.71	38.47482	33.7337	9.91E-01	8.69E-01	1.29E+00	1.13E+00	1.53E+00	1.34E+00
846	387143.93, 3751348.71	40.42703	35.49597	1.04E+00	9.14E-01	1.35E+00	1.19E+00	1.61E+00	1.41E+00
847	387143.93, 3751373.71	42.75694	37.59095	1.10E+00	9.68E-01	1.43E+00	1.26E+00	1.70E+00	1.50E+00
848	387143.93, 3751398.71	45.51937	40.07216	1.17E+00	1.03E+00	1.52E+00	1.34E+00	1.81E+00	1.60E+00
849	387143.93, 3751423.71	48.74754	42.98099	1.26E+00	1.11E+00	1.63E+00	1.44E+00	1.94E+00	1.71E+00
850	387143.93, 3751448.71	52.47099	46.3623	1.35E+00	1.19E+00	1.75E+00	1.55E+00	2.09E+00	1.85E+00
851	387143.93, 3751473.71	56.62092	50.19331	1.46E+00	1.29E+00	1.89E+00	1.68E+00	2.25E+00	2.00E+00
852	387143.93, 3751498.71	61.60848	54.83882	1.59E+00	1.41E+00	2.06E+00	1.83E+00	2.45E+00	2.18E+00
853	387143.93, 3751523.71	68.22734	60.99648	1.76E+00	1.57E+00	2.28E+00	2.04E+00	2.72E+00	2.43E+00
854	387168.93, 3748973.71	5.64782	4.77623	1.45E-01	1.23E-01	1.89E-01	1.60E-01	2.25E-01	1.90E-01
855	387168.93, 3748998.71	6.04531	4.98626	1.56E-01	1.28E-01	2.02E-01	1.67E-01	2.41E-01	1.99E-01
856	387168.93, 3749023.71	6.31061	5.18834	1.63E-01	1.34E-01	2.11E-01	1.73E-01	2.51E-01	2.07E-01
857	387168.93, 3749048.71	6.48487	5.38377	1.67E-01	1.39E-01	2.17E-01	1.80E-01	2.58E-01	2.14E-01
858	387168.93, 3749073.71	6.67353	5.58099	1.72E-01	1.44E-01	2.23E-01	1.87E-01	2.66E-01	2.22E-01
859	387168.93, 3749098.71	6.90841	5.78092	1.78E-01	1.49E-01	2.31E-01	1.93E-01	2.75E-01	2.30E-01

860	387168.93, 3749123.71	7.04025	5.9659	1.81E-01	1.54E-01	2.35E-01	1.99E-01	2.80E-01	2.38E-01
861	387168.93, 3749148.71	7.16968	6.14474	1.85E-01	1.58E-01	2.40E-01	2.05E-01	2.86E-01	2.45E-01
862	387168.93, 3749173.71	7.30057	6.31805	1.88E-01	1.63E-01	2.44E-01	2.11E-01	2.91E-01	2.52E-01
863	387168.93, 3749198.71	7.49451	6.48622	1.93E-01	1.67E-01	2.51E-01	2.17E-01	2.98E-01	2.58E-01
864	387168.93, 3749223.71	7.68341	6.64984	1.98E-01	1.71E-01	2.57E-01	2.22E-01	3.06E-01	2.65E-01
865	387168.93, 3749248.71	7.86745	6.80917	2.03E-01	1.75E-01	2.63E-01	2.28E-01	3.13E-01	2.71E-01
866	387168.93, 3749273.71	8.04674	6.96442	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
867	387168.93, 3749298.71	8.22162	7.11594	2.12E-01	1.83E-01	2.75E-01	2.38E-01	3.27E-01	2.83E-01
868	387168.93, 3749323.71	8.39258	7.26416	2.16E-01	1.87E-01	2.81E-01	2.43E-01	3.34E-01	2.89E-01
869	387168.93, 3749348.71	8.56031	7.40959	2.20E-01	1.91E-01	2.86E-01	2.48E-01	3.41E-01	2.95E-01
870	387168.93, 3749373.71	8.72564	7.55283	2.25E-01	1.94E-01	2.92E-01	2.52E-01	3.47E-01	3.01E-01
871	387168.93, 3749398.71	8.88832	7.6939	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.54E-01	3.06E-01
872	387168.93, 3749423.71	9.04872	7.8331	2.33E-01	2.02E-01	3.02E-01	2.62E-01	3.60E-01	3.12E-01
873	387168.93, 3749448.71	9.20695	7.97062	2.37E-01	2.05E-01	3.08E-01	2.66E-01	3.67E-01	3.17E-01
874	387168.93, 3749473.71	9.36325	8.10671	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
875	387168.93, 3749498.71	9.51894	8.24219	2.45E-01	2.12E-01	3.18E-01	2.76E-01	3.79E-01	3.28E-01
876	387168.93, 3749523.71	9.67457	8.37747	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.34E-01
877	387168.93, 3749548.71	9.83046	8.51282	2.53E-01	2.19E-01	3.29E-01	2.85E-01	3.91E-01	3.39E-01
878	387168.93, 3749573.71	9.98673	8.64839	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.44E-01
879	387168.93, 3749598.71	10.14311	8.78413	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
880	387168.93, 3749623.71	10.30003	8.92034	2.65E-01	2.30E-01	3.44E-01	2.98E-01	4.10E-01	3.55E-01
881	387168.93, 3749648.71	10.45795	9.05736	2.69E-01	2.33E-01	3.50E-01	3.03E-01	4.16E-01	3.61E-01
882	387168.93, 3749673.71	10.6161	9.19485	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
883	387168.93, 3749698.71	10.77476	9.33302	2.77E-01	2.40E-01	3.60E-01	3.12E-01	4.29E-01	3.72E-01
884	387168.93, 3749723.71	10.93491	9.4725	2.82E-01	2.44E-01	3.66E-01	3.17E-01	4.35E-01	3.77E-01
885	387168.93, 3749748.71	11.09688	9.61355	2.86E-01	2.48E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
886	387168.93, 3749773.71	11.26101	9.75641	2.90E-01	2.51E-01	3.76E-01	3.26E-01	4.48E-01	3.89E-01
887	387168.93, 3749798.71	11.42748	9.90127	2.94E-01	2.55E-01	3.82E-01	3.31E-01	4.55E-01	3.94E-01
888	387168.93, 3749823.71	11.59572	10.04788	2.99E-01	2.59E-01	3.88E-01	3.36E-01	4.62E-01	4.00E-01
889	387168.93, 3749848.71	11.7658	10.19634	3.03E-01	2.63E-01	3.93E-01	3.41E-01	4.69E-01	4.06E-01
890	387168.93, 3749873.71	11.93934	10.34764	3.07E-01	2.66E-01	3.99E-01	3.46E-01	4.75E-01	4.12E-01
891	387168.93, 3749898.71	12.11647	10.50192	3.12E-01	2.70E-01	4.05E-01	3.51E-01	4.82E-01	4.18E-01
892	387168.93, 3749923.71	12.29651	10.65888	3.17E-01	2.74E-01	4.11E-01	3.56E-01	4.90E-01	4.24E-01
893	387168.93, 3749948.71	12.47947	10.81861	3.21E-01	2.79E-01	4.17E-01	3.62E-01	4.97E-01	4.31E-01
894	387168.93, 3749973.71	12.66557	10.98131	3.26E-01	2.83E-01	4.23E-01	3.67E-01	5.04E-01	4.37E-01
895	387168.93, 3749998.71	12.85644	11.14796	3.31E-01	2.87E-01	4.30E-01	3.73E-01	5.12E-01	4.44E-01

896	387168.93, 3750023.71	13.05319	11.31929	3.36E-01	2.91E-01	4.36E-01	3.78E-01	5.20E-01	4.51E-01
897	387168.93, 3750048.71	13.25187	11.49317	3.41E-01	2.96E-01	4.43E-01	3.84E-01	5.28E-01	4.58E-01
898	387168.93, 3750073.71	13.45598	11.67168	3.47E-01	3.01E-01	4.50E-01	3.90E-01	5.36E-01	4.65E-01
899	387168.93, 3750098.71	13.66672	11.85556	3.52E-01	3.05E-01	4.57E-01	3.96E-01	5.44E-01	4.72E-01
900	387168.93, 3750123.71	13.88314	12.0444	3.58E-01	3.10E-01	4.64E-01	4.03E-01	5.53E-01	4.80E-01
901	387168.93, 3750148.71	14.10496	12.23817	3.63E-01	3.15E-01	4.71E-01	4.09E-01	5.62E-01	4.87E-01
902	387168.93, 3750173.71	14.33209	12.43694	3.69E-01	3.20E-01	4.79E-01	4.16E-01	5.71E-01	4.95E-01
903	387168.93, 3750198.71	14.56647	12.64191	3.75E-01	3.26E-01	4.87E-01	4.23E-01	5.80E-01	5.03E-01
904	387168.93, 3750223.71	14.80833	12.85335	3.81E-01	3.31E-01	4.95E-01	4.30E-01	5.90E-01	5.12E-01
905	387168.93, 3750248.71	15.05779	13.07149	3.88E-01	3.37E-01	5.03E-01	4.37E-01	6.00E-01	5.21E-01
906	387168.93, 3750273.71	15.314	13.29601	3.94E-01	3.42E-01	5.12E-01	4.44E-01	6.10E-01	5.29E-01
907	387168.93, 3750298.71	15.57865	13.52802	4.01E-01	3.48E-01	5.21E-01	4.52E-01	6.20E-01	5.39E-01
908	387168.93, 3750323.71	15.85286	13.76835	4.08E-01	3.55E-01	5.30E-01	4.60E-01	6.31E-01	5.48E-01
909	387168.93, 3750348.71	16.1373	14.01756	4.16E-01	3.61E-01	5.39E-01	4.69E-01	6.43E-01	5.58E-01
910	387168.93, 3750373.71	16.43184	14.2758	4.23E-01	3.68E-01	5.49E-01	4.77E-01	6.54E-01	5.68E-01
911	387168.93, 3750398.71	16.73496	14.54246	4.31E-01	3.74E-01	5.59E-01	4.86E-01	6.66E-01	5.79E-01
912	387168.93, 3750423.71	17.04967	14.81948	4.39E-01	3.82E-01	5.70E-01	4.95E-01	6.79E-01	5.90E-01
913	387168.93, 3750448.71	17.37876	15.1087	4.48E-01	3.89E-01	5.81E-01	5.05E-01	6.92E-01	6.02E-01
914	387168.93, 3750473.71	17.72035	15.40937	4.56E-01	3.97E-01	5.92E-01	5.15E-01	7.06E-01	6.14E-01
915	387168.93, 3750498.71	18.07418	15.7217	4.65E-01	4.05E-01	6.04E-01	5.26E-01	7.20E-01	6.26E-01
916	387168.93, 3750523.71	18.44118	16.04658	4.75E-01	4.13E-01	6.16E-01	5.36E-01	7.34E-01	6.39E-01
917	387168.93, 3750548.71	18.82534	16.38664	4.85E-01	4.22E-01	6.29E-01	5.48E-01	7.50E-01	6.53E-01
918	387168.93, 3750573.71	19.2304	16.74446	4.95E-01	4.31E-01	6.43E-01	5.60E-01	7.66E-01	6.67E-01
919	387168.93, 3750598.71	19.65472	17.1196	5.06E-01	4.41E-01	6.57E-01	5.72E-01	7.83E-01	6.82E-01
920	387168.93, 3750623.71	20.09861	17.5128	5.18E-01	4.51E-01	6.72E-01	5.85E-01	8.00E-01	6.97E-01
921	387168.93, 3750648.71	20.56411	17.92584	5.30E-01	4.62E-01	6.87E-01	5.99E-01	8.19E-01	7.14E-01
922	387168.93, 3750673.71	21.05294	18.3604	5.42E-01	4.73E-01	7.04E-01	6.14E-01	8.38E-01	7.31E-01
923	387168.93, 3750698.71	21.57032	18.81501	5.55E-01	4.85E-01	7.21E-01	6.29E-01	8.59E-01	7.49E-01
924	387168.93, 3750723.71	22.12786	19.30337	5.70E-01	4.97E-01	7.40E-01	6.45E-01	8.81E-01	7.69E-01
925	387168.93, 3750748.71	22.72182	19.82346	5.85E-01	5.10E-01	7.60E-01	6.63E-01	9.05E-01	7.89E-01
926	387168.93, 3750773.71	23.34886	20.37307	6.01E-01	5.25E-01	7.80E-01	6.81E-01	9.30E-01	8.11E-01
927	387168.93, 3750798.71	24.01007	20.9535	6.18E-01	5.40E-01	8.03E-01	7.00E-01	9.56E-01	8.34E-01
928	387168.93, 3750823.71	24.71595	21.57333	6.36E-01	5.56E-01	8.26E-01	7.21E-01	9.84E-01	8.59E-01
929	387168.93, 3750848.71	25.47756	22.24172	6.56E-01	5.73E-01	8.52E-01	7.43E-01	1.01E+00	8.86E-01
930	387168.93, 3750873.71	26.29738	22.96123	6.77E-01	5.91E-01	8.79E-01	7.68E-01	1.05E+00	9.14E-01
931	387168.93, 3750898.71	27.17453	23.73201	7.00E-01	6.11E-01	9.08E-01	7.93E-01	1.08E+00	9.45E-01

932	387168.93, 3750923.71	28.11178	24.55713	7.24E-01	6.32E-01	9.40E-01	8.21E-01	1.12E+00	9.78E-01
933	387168.93, 3750948.71	29.1231	25.44849	7.50E-01	6.55E-01	9.73E-01	8.51E-01	1.16E+00	1.01E+00
934	387168.93, 3750973.71	30.22573	26.4208	7.78E-01	6.80E-01	1.01E+00	8.83E-01	1.20E+00	1.05E+00
935	387168.93, 3750998.71	31.43172	27.485	8.09E-01	7.08E-01	1.05E+00	9.19E-01	1.25E+00	1.09E+00
936	387168.93, 3751023.71	32.75517	28.65399	8.43E-01	7.38E-01	1.09E+00	9.58E-01	1.30E+00	1.14E+00
937	387168.93, 3751048.71	34.21534	29.94517	8.81E-01	7.71E-01	1.14E+00	1.00E+00	1.36E+00	1.19E+00
938	387168.93, 3751073.71	35.83637	31.38036	9.23E-01	8.08E-01	1.20E+00	1.05E+00	1.43E+00	1.25E+00
939	387168.93, 3751098.71	37.63956	32.98004	9.69E-01	8.49E-01	1.26E+00	1.10E+00	1.50E+00	1.31E+00
940	387168.93, 3751123.71	39.61995	34.74555	1.02E+00	8.95E-01	1.32E+00	1.16E+00	1.58E+00	1.38E+00
941	387168.93, 3751148.71	41.74437	36.65776	1.07E+00	9.44E-01	1.40E+00	1.23E+00	1.66E+00	1.46E+00
942	387168.93, 3751173.71	44.10822	38.79953	1.14E+00	9.99E-01	1.47E+00	1.30E+00	1.76E+00	1.55E+00
943	387168.93, 3751198.71	46.88251	41.31597	1.21E+00	1.06E+00	1.57E+00	1.38E+00	1.87E+00	1.65E+00
944	387168.93, 3751223.71	50.18607	44.31627	1.29E+00	1.14E+00	1.68E+00	1.48E+00	2.00E+00	1.76E+00
945	387168.93, 3751248.71	54.56086	48.24689	1.40E+00	1.24E+00	1.82E+00	1.61E+00	2.17E+00	1.92E+00
946	387168.93, 3751273.71	59.68501	52.89806	1.54E+00	1.36E+00	2.00E+00	1.77E+00	2.38E+00	2.11E+00
947	387168.93, 3751298.71	65.49484	58.27471	1.69E+00	1.50E+00	2.19E+00	1.95E+00	2.61E+00	2.32E+00
948	387168.93, 3751323.71	71.90377	64.38777	1.85E+00	1.66E+00	2.40E+00	2.15E+00	2.86E+00	2.56E+00
949	387193.93, 3748973.71	6.09008	5.16539	1.57E-01	1.33E-01	2.04E-01	1.73E-01	2.43E-01	2.06E-01
950	387193.93, 3748998.71	6.45303	5.40072	1.66E-01	1.39E-01	2.16E-01	1.81E-01	2.57E-01	2.15E-01
951	387193.93, 3749023.71	6.71532	5.63122	1.73E-01	1.45E-01	2.24E-01	1.88E-01	2.67E-01	2.24E-01
952	387193.93, 3749048.71	6.95387	5.86157	1.79E-01	1.51E-01	2.32E-01	1.96E-01	2.77E-01	2.33E-01
953	387193.93, 3749073.71	7.21999	6.0939	1.86E-01	1.57E-01	2.41E-01	2.04E-01	2.88E-01	2.43E-01
954	387193.93, 3749098.71	7.424	6.3153	1.91E-01	1.63E-01	2.48E-01	2.11E-01	2.96E-01	2.51E-01
955	387193.93, 3749123.71	7.57167	6.52425	1.95E-01	1.68E-01	2.53E-01	2.18E-01	3.02E-01	2.60E-01
956	387193.93, 3749148.71	7.76984	6.7262	2.00E-01	1.73E-01	2.60E-01	2.25E-01	3.09E-01	2.68E-01
957	387193.93, 3749173.71	7.99502	6.92157	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.76E-01
958	387193.93, 3749198.71	8.21345	7.111	2.12E-01	1.83E-01	2.75E-01	2.38E-01	3.27E-01	2.83E-01
959	387193.93, 3749223.71	8.42616	7.29526	2.17E-01	1.88E-01	2.82E-01	2.44E-01	3.36E-01	2.91E-01
960	387193.93, 3749248.71	8.63324	7.47463	2.22E-01	1.92E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
961	387193.93, 3749273.71	8.83498	7.64948	2.28E-01	1.97E-01	2.95E-01	2.56E-01	3.52E-01	3.05E-01
962	387193.93, 3749298.71	9.03197	7.82033	2.33E-01	2.01E-01	3.02E-01	2.61E-01	3.60E-01	3.11E-01
963	387193.93, 3749323.71	9.22491	7.98778	2.38E-01	2.06E-01	3.08E-01	2.67E-01	3.67E-01	3.18E-01
964	387193.93, 3749348.71	9.41475	8.15254	2.42E-01	2.10E-01	3.15E-01	2.73E-01	3.75E-01	3.25E-01
965	387193.93, 3749373.71	9.60243	8.3153	2.47E-01	2.14E-01	3.21E-01	2.78E-01	3.82E-01	3.31E-01
966	387193.93, 3749398.71	9.78769	8.47609	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.90E-01	3.38E-01
967	387193.93, 3749423.71	9.97089	8.63525	2.57E-01	2.22E-01	3.33E-01	2.89E-01	3.97E-01	3.44E-01

968	387193.93, 3749448.71	10.15223	8.79305	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
969	387193.93, 3749473.71	10.33194	8.94976	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.11E-01	3.56E-01
970	387193.93, 3749498.71	10.51147	9.10629	2.71E-01	2.34E-01	3.51E-01	3.04E-01	4.19E-01	3.63E-01
971	387193.93, 3749523.71	10.69196	9.26339	2.75E-01	2.39E-01	3.57E-01	3.10E-01	4.26E-01	3.69E-01
972	387193.93, 3749548.71	10.87387	9.42145	2.80E-01	2.43E-01	3.63E-01	3.15E-01	4.33E-01	3.75E-01
973	387193.93, 3749573.71	11.05717	9.58055	2.85E-01	2.47E-01	3.70E-01	3.20E-01	4.40E-01	3.82E-01
974	387193.93, 3749598.71	11.24151	9.74061	2.89E-01	2.51E-01	3.76E-01	3.26E-01	4.48E-01	3.88E-01
975	387193.93, 3749623.71	11.42682	9.9017	2.94E-01	2.55E-01	3.82E-01	3.31E-01	4.55E-01	3.94E-01
976	387193.93, 3749648.71	11.61386	10.06433	2.99E-01	2.59E-01	3.88E-01	3.36E-01	4.62E-01	4.01E-01
977	387193.93, 3749673.71	11.80196	10.22824	3.04E-01	2.63E-01	3.94E-01	3.42E-01	4.70E-01	4.07E-01
978	387193.93, 3749698.71	11.99182	10.39391	3.09E-01	2.68E-01	4.01E-01	3.47E-01	4.78E-01	4.14E-01
979	387193.93, 3749723.71	12.1847	10.56214	3.14E-01	2.72E-01	4.07E-01	3.53E-01	4.85E-01	4.21E-01
980	387193.93, 3749748.71	12.3811	10.73331	3.19E-01	2.76E-01	4.14E-01	3.59E-01	4.93E-01	4.27E-01
981	387193.93, 3749773.71	12.58051	10.90723	3.24E-01	2.81E-01	4.21E-01	3.65E-01	5.01E-01	4.34E-01
982	387193.93, 3749798.71	12.7838	11.0845	3.29E-01	2.85E-01	4.27E-01	3.71E-01	5.09E-01	4.41E-01
983	387193.93, 3749823.71	12.99044	11.26492	3.35E-01	2.90E-01	4.34E-01	3.77E-01	5.17E-01	4.49E-01
984	387193.93, 3749848.71	13.2004	11.44857	3.40E-01	2.95E-01	4.41E-01	3.83E-01	5.26E-01	4.56E-01
985	387193.93, 3749873.71	13.41563	11.63667	3.45E-01	3.00E-01	4.48E-01	3.89E-01	5.34E-01	4.63E-01
986	387193.93, 3749898.71	13.63643	11.8295	3.51E-01	3.05E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
987	387193.93, 3749923.71	13.86234	12.02691	3.57E-01	3.10E-01	4.63E-01	4.02E-01	5.52E-01	4.79E-01
988	387193.93, 3749948.71	14.09292	12.2288	3.63E-01	3.15E-01	4.71E-01	4.09E-01	5.61E-01	4.87E-01
989	387193.93, 3749973.71	14.32869	12.43558	3.69E-01	3.20E-01	4.79E-01	4.16E-01	5.71E-01	4.95E-01
990	387193.93, 3749998.71	14.57173	12.64855	3.75E-01	3.26E-01	4.87E-01	4.23E-01	5.80E-01	5.04E-01
991	387193.93, 3750023.71	14.82506	12.86955	3.82E-01	3.31E-01	4.96E-01	4.30E-01	5.90E-01	5.12E-01
992	387193.93, 3750048.71	15.08207	13.09506	3.88E-01	3.37E-01	5.04E-01	4.38E-01	6.01E-01	5.21E-01
993	387193.93, 3750073.71	15.34761	13.32796	3.95E-01	3.43E-01	5.13E-01	4.46E-01	6.11E-01	5.31E-01
994	387193.93, 3750098.71	15.62307	13.5692	4.02E-01	3.49E-01	5.22E-01	4.54E-01	6.22E-01	5.40E-01
995	387193.93, 3750123.71	15.90795	13.81871	4.10E-01	3.56E-01	5.32E-01	4.62E-01	6.33E-01	5.50E-01
996	387193.93, 3750148.71	16.20176	14.07642	4.17E-01	3.62E-01	5.42E-01	4.71E-01	6.45E-01	5.61E-01
997	387193.93, 3750173.71	16.50475	14.3427	4.25E-01	3.69E-01	5.52E-01	4.79E-01	6.57E-01	5.71E-01
998	387193.93, 3750198.71	16.81981	14.61942	4.33E-01	3.76E-01	5.62E-01	4.89E-01	6.70E-01	5.82E-01
999	387193.93, 3750223.71	17.14788	14.90738	4.42E-01	3.84E-01	5.73E-01	4.98E-01	6.83E-01	5.94E-01
1000	387193.93, 3750248.71	17.48853	15.20662	4.50E-01	3.92E-01	5.85E-01	5.08E-01	6.96E-01	6.06E-01
1001	387193.93, 3750273.71	17.84077	15.51694	4.59E-01	4.00E-01	5.96E-01	5.19E-01	7.10E-01	6.18E-01
1002	387193.93, 3750298.71	18.20822	15.84072	4.69E-01	4.08E-01	6.09E-01	5.29E-01	7.25E-01	6.31E-01
1003	387193.93, 3750323.71	18.59275	16.17939	4.79E-01	4.17E-01	6.21E-01	5.41E-01	7.40E-01	6.44E-01

1004	387193.93, 3750348.71	18.99504	16.53377	4.89E-01	4.26E-01	6.35E-01	5.53E-01	7.56E-01	6.58E-01
1005	387193.93, 3750373.71	19.4149	16.90422	5.00E-01	4.35E-01	6.49E-01	5.65E-01	7.73E-01	6.73E-01
1006	387193.93, 3750398.71	19.84978	17.28985	5.11E-01	4.45E-01	6.64E-01	5.78E-01	7.90E-01	6.89E-01
1007	387193.93, 3750423.71	20.31194	17.69814	5.23E-01	4.56E-01	6.79E-01	5.92E-01	8.09E-01	7.05E-01
1008	387193.93, 3750448.71	20.79753	18.12757	5.36E-01	4.67E-01	6.95E-01	6.06E-01	8.28E-01	7.22E-01
1009	387193.93, 3750473.71	21.30576	18.57845	5.49E-01	4.78E-01	7.12E-01	6.21E-01	8.48E-01	7.40E-01
1010	387193.93, 3750498.71	21.84388	19.05255	5.62E-01	4.91E-01	7.30E-01	6.37E-01	8.70E-01	7.59E-01
1011	387193.93, 3750523.71	22.41481	19.55325	5.77E-01	5.04E-01	7.49E-01	6.54E-01	8.93E-01	7.79E-01
1012	387193.93, 3750548.71	23.02222	20.08586	5.93E-01	5.17E-01	7.70E-01	6.71E-01	9.17E-01	8.00E-01
1013	387193.93, 3750573.71	23.66834	20.65253	6.09E-01	5.32E-01	7.91E-01	6.90E-01	9.43E-01	8.22E-01
1014	387193.93, 3750598.71	24.35489	21.25505	6.27E-01	5.47E-01	8.14E-01	7.10E-01	9.70E-01	8.46E-01
1015	387193.93, 3750623.71	25.08564	21.89684	6.46E-01	5.64E-01	8.39E-01	7.32E-01	9.99E-01	8.72E-01
1016	387193.93, 3750648.71	25.86559	22.58239	6.66E-01	5.82E-01	8.65E-01	7.55E-01	1.03E+00	8.99E-01
1017	387193.93, 3750673.71	26.70253	23.31846	6.88E-01	6.00E-01	8.93E-01	7.79E-01	1.06E+00	9.29E-01
1018	387193.93, 3750698.71	27.60116	24.10952	7.11E-01	6.21E-01	9.23E-01	8.06E-01	1.10E+00	9.60E-01
1019	387193.93, 3750723.71	28.58012	24.97098	7.36E-01	6.43E-01	9.55E-01	8.35E-01	1.14E+00	9.94E-01
1020	387193.93, 3750748.71	29.64388	25.90751	7.63E-01	6.67E-01	9.91E-01	8.66E-01	1.18E+00	1.03E+00
1021	387193.93, 3750773.71	30.79941	26.92595	7.93E-01	6.93E-01	1.03E+00	9.00E-01	1.23E+00	1.07E+00
1022	387193.93, 3750798.71	32.06145	28.03945	8.26E-01	7.22E-01	1.07E+00	9.37E-01	1.28E+00	1.12E+00
1023	387193.93, 3750823.71	33.44914	29.26502	8.61E-01	7.54E-01	1.12E+00	9.78E-01	1.33E+00	1.17E+00
1024	387193.93, 3750848.71	34.97115	30.61211	9.01E-01	7.88E-01	1.17E+00	1.02E+00	1.39E+00	1.22E+00
1025	387193.93, 3750873.71	36.66218	32.11095	9.44E-01	8.27E-01	1.23E+00	1.07E+00	1.46E+00	1.28E+00
1026	387193.93, 3750898.71	38.55034	33.78768	9.93E-01	8.70E-01	1.29E+00	1.13E+00	1.54E+00	1.35E+00
1027	387193.93, 3750923.71	40.59941	35.61995	1.05E+00	9.17E-01	1.36E+00	1.19E+00	1.62E+00	1.42E+00
1028	387193.93, 3750948.71	42.64729	37.48964	1.10E+00	9.65E-01	1.43E+00	1.25E+00	1.70E+00	1.49E+00
1029	387193.93, 3750973.71	45.18723	39.78841	1.16E+00	1.02E+00	1.51E+00	1.33E+00	1.80E+00	1.58E+00
1030	387193.93, 3750998.71	48.22605	42.53595	1.24E+00	1.10E+00	1.61E+00	1.42E+00	1.92E+00	1.69E+00
1031	387193.93, 3751023.71	51.87145	45.83663	1.34E+00	1.18E+00	1.73E+00	1.53E+00	2.07E+00	1.83E+00
1032	387193.93, 3751048.71	56.24081	49.81098	1.45E+00	1.28E+00	1.88E+00	1.66E+00	2.24E+00	1.98E+00
1033	387193.93, 3751073.71	61.43009	54.57654	1.58E+00	1.41E+00	2.05E+00	1.82E+00	2.45E+00	2.17E+00
1034	387193.93, 3751098.71	67.40518	60.16951	1.74E+00	1.55E+00	2.25E+00	2.01E+00	2.68E+00	2.40E+00
1035	387193.93, 3751123.71	74.33565	66.73065	1.91E+00	1.72E+00	2.48E+00	2.23E+00	2.96E+00	2.66E+00
1036	387218.93, 3748973.71	6.51897	5.61894	1.68E-01	1.45E-01	2.18E-01	1.88E-01	2.60E-01	2.24E-01
1037	387218.93, 3748998.71	6.91874	5.89479	1.78E-01	1.52E-01	2.31E-01	1.97E-01	2.76E-01	2.35E-01
1038	387218.93, 3749023.71	7.27844	6.17246	1.87E-01	1.59E-01	2.43E-01	2.06E-01	2.90E-01	2.46E-01
1039	387218.93, 3749048.71	7.60754	6.4477	1.96E-01	1.66E-01	2.54E-01	2.16E-01	3.03E-01	2.57E-01

1040	387218.93, 3749073.71	7.85308	6.71021	2.02E-01	1.73E-01	2.62E-01	2.24E-01	3.13E-01	2.67E-01
1041	387218.93, 3749098.71	8.03508	6.95798	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
1042	387218.93, 3749123.71	8.31025	7.19678	2.14E-01	1.85E-01	2.78E-01	2.41E-01	3.31E-01	2.87E-01
1043	387218.93, 3749148.71	8.57575	7.42714	2.21E-01	1.91E-01	2.87E-01	2.48E-01	3.41E-01	2.96E-01
1044	387218.93, 3749173.71	8.83223	7.64967	2.27E-01	1.97E-01	2.95E-01	2.56E-01	3.52E-01	3.05E-01
1045	387218.93, 3749198.71	9.08065	7.86521	2.34E-01	2.03E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
1046	387218.93, 3749223.71	9.32239	8.07481	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.71E-01	3.22E-01
1047	387218.93, 3749248.71	9.55778	8.27896	2.46E-01	2.13E-01	3.19E-01	2.77E-01	3.81E-01	3.30E-01
1048	387218.93, 3749273.71	9.7876	8.47839	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.90E-01	3.38E-01
1049	387218.93, 3749298.71	10.01269	8.67384	2.58E-01	2.23E-01	3.35E-01	2.90E-01	3.99E-01	3.45E-01
1050	387218.93, 3749323.71	10.23389	8.86601	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
1051	387218.93, 3749348.71	10.45239	9.05582	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.61E-01
1052	387218.93, 3749373.71	10.66901	9.24394	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.68E-01
1053	387218.93, 3749398.71	10.88378	9.4306	2.80E-01	2.43E-01	3.64E-01	3.15E-01	4.33E-01	3.76E-01
1054	387218.93, 3749423.71	11.09709	9.6162	2.86E-01	2.48E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
1055	387218.93, 3749448.71	11.30909	9.80102	2.91E-01	2.52E-01	3.78E-01	3.28E-01	4.50E-01	3.90E-01
1056	387218.93, 3749473.71	11.5202	9.98544	2.97E-01	2.57E-01	3.85E-01	3.34E-01	4.59E-01	3.98E-01
1057	387218.93, 3749498.71	11.73212	10.17058	3.02E-01	2.62E-01	3.92E-01	3.40E-01	4.67E-01	4.05E-01
1058	387218.93, 3749523.71	11.94642	10.35746	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.12E-01
1059	387218.93, 3749548.71	12.16378	10.54661	3.13E-01	2.72E-01	4.07E-01	3.53E-01	4.84E-01	4.20E-01
1060	387218.93, 3749573.71	12.38414	10.73815	3.19E-01	2.77E-01	4.14E-01	3.59E-01	4.93E-01	4.28E-01
1061	387218.93, 3749598.71	12.60726	10.93208	3.25E-01	2.82E-01	4.21E-01	3.65E-01	5.02E-01	4.35E-01
1062	387218.93, 3749623.71	12.83236	11.12811	3.30E-01	2.87E-01	4.29E-01	3.72E-01	5.11E-01	4.43E-01
1063	387218.93, 3749648.71	13.06055	11.327	3.36E-01	2.92E-01	4.37E-01	3.79E-01	5.20E-01	4.51E-01
1064	387218.93, 3749673.71	13.29103	11.52845	3.42E-01	2.97E-01	4.44E-01	3.85E-01	5.29E-01	4.59E-01
1065	387218.93, 3749698.71	13.52484	11.73318	3.48E-01	3.02E-01	4.52E-01	3.92E-01	5.39E-01	4.67E-01
1066	387218.93, 3749723.71	13.76388	11.94239	3.54E-01	3.08E-01	4.60E-01	3.99E-01	5.48E-01	4.76E-01
1067	387218.93, 3749748.71	14.00952	12.15699	3.61E-01	3.13E-01	4.68E-01	4.06E-01	5.58E-01	4.84E-01
1068	387218.93, 3749773.71	14.26135	12.37691	3.67E-01	3.19E-01	4.77E-01	4.14E-01	5.68E-01	4.93E-01
1069	387218.93, 3749798.71	14.51948	12.60238	3.74E-01	3.25E-01	4.85E-01	4.21E-01	5.78E-01	5.02E-01
1070	387218.93, 3749823.71	14.78281	12.83295	3.81E-01	3.30E-01	4.94E-01	4.29E-01	5.89E-01	5.11E-01
1071	387218.93, 3749848.71	15.05163	13.06897	3.88E-01	3.37E-01	5.03E-01	4.37E-01	5.99E-01	5.20E-01
1072	387218.93, 3749873.71	15.32912	13.31239	3.95E-01	3.43E-01	5.12E-01	4.45E-01	6.10E-01	5.30E-01
1073	387218.93, 3749898.71	15.6165	13.56409	4.02E-01	3.49E-01	5.22E-01	4.53E-01	6.22E-01	5.40E-01
1074	387218.93, 3749923.71	15.91249	13.82359	4.10E-01	3.56E-01	5.32E-01	4.62E-01	6.34E-01	5.50E-01
1075	387218.93, 3749948.71	16.21674	14.0909	4.18E-01	3.63E-01	5.42E-01	4.71E-01	6.46E-01	5.61E-01

1076	387218.93, 3749973.71	16.52964	14.3665	4.26E-01	3.70E-01	5.53E-01	4.80E-01	6.58E-01	5.72E-01
1077	387218.93, 3749998.71	16.85347	14.65192	4.34E-01	3.77E-01	5.63E-01	4.90E-01	6.71E-01	5.83E-01
1078	387218.93, 3750023.71	17.19579	14.95168	4.43E-01	3.85E-01	5.75E-01	5.00E-01	6.85E-01	5.95E-01
1079	387218.93, 3750048.71	17.5448	15.25949	4.52E-01	3.93E-01	5.86E-01	5.10E-01	6.99E-01	6.08E-01
1080	387218.93, 3750073.71	17.90783	15.57981	4.61E-01	4.01E-01	5.99E-01	5.21E-01	7.13E-01	6.20E-01
1081	387218.93, 3750098.71	18.28815	15.91485	4.71E-01	4.10E-01	6.11E-01	5.32E-01	7.28E-01	6.34E-01
1082	387218.93, 3750123.71	18.68716	16.2658	4.81E-01	4.19E-01	6.25E-01	5.44E-01	7.44E-01	6.48E-01
1083	387218.93, 3750148.71	19.10302	16.63209	4.92E-01	4.28E-01	6.39E-01	5.56E-01	7.61E-01	6.62E-01
1084	387218.93, 3750173.71	19.53256	17.01242	5.03E-01	4.38E-01	6.53E-01	5.69E-01	7.78E-01	6.77E-01
1085	387218.93, 3750198.71	19.98395	17.41194	5.15E-01	4.48E-01	6.68E-01	5.82E-01	7.96E-01	6.93E-01
1086	387218.93, 3750223.71	20.46033	17.83304	5.27E-01	4.59E-01	6.84E-01	5.96E-01	8.15E-01	7.10E-01
1087	387218.93, 3750248.71	20.96131	18.2762	5.40E-01	4.71E-01	7.01E-01	6.11E-01	8.35E-01	7.28E-01
1088	387218.93, 3750273.71	21.48645	18.74017	5.53E-01	4.83E-01	7.18E-01	6.26E-01	8.56E-01	7.46E-01
1089	387218.93, 3750298.71	22.04682	19.23116	5.68E-01	4.95E-01	7.37E-01	6.43E-01	8.78E-01	7.66E-01
1090	387218.93, 3750323.71	22.64122	19.75196	5.83E-01	5.09E-01	7.57E-01	6.60E-01	9.02E-01	7.87E-01
1091	387218.93, 3750348.71	23.27284	20.3054	5.99E-01	5.23E-01	7.78E-01	6.79E-01	9.27E-01	8.09E-01
1092	387218.93, 3750373.71	23.9427	20.89269	6.17E-01	5.38E-01	8.00E-01	6.98E-01	9.53E-01	8.32E-01
1093	387218.93, 3750398.71	24.65	21.51372	6.35E-01	5.54E-01	8.24E-01	7.19E-01	9.82E-01	8.57E-01
1094	387218.93, 3750423.71	25.41336	22.18341	6.54E-01	5.71E-01	8.49E-01	7.42E-01	1.01E+00	8.83E-01
1095	387218.93, 3750448.71	26.22902	22.89954	6.75E-01	5.90E-01	8.77E-01	7.65E-01	1.04E+00	9.12E-01
1096	387218.93, 3750473.71	27.10082	23.66583	6.98E-01	6.09E-01	9.06E-01	7.91E-01	1.08E+00	9.42E-01
1097	387218.93, 3750498.71	28.03548	24.48838	7.22E-01	6.31E-01	9.37E-01	8.19E-01	1.12E+00	9.75E-01
1098	387218.93, 3750523.71	29.04409	25.37685	7.48E-01	6.53E-01	9.71E-01	8.48E-01	1.16E+00	1.01E+00
1099	387218.93, 3750548.71	30.14082	26.34349	7.76E-01	6.78E-01	1.01E+00	8.81E-01	1.20E+00	1.05E+00
1100	387218.93, 3750573.71	31.33925	27.40036	8.07E-01	7.06E-01	1.05E+00	9.16E-01	1.25E+00	1.09E+00
1101	387218.93, 3750598.71	32.65036	28.55785	8.41E-01	7.35E-01	1.09E+00	9.55E-01	1.30E+00	1.14E+00
1102	387218.93, 3750623.71	34.09326	29.83311	8.78E-01	7.68E-01	1.14E+00	9.97E-01	1.36E+00	1.19E+00
1103	387218.93, 3750648.71	35.69053	31.24658	9.19E-01	8.05E-01	1.19E+00	1.04E+00	1.42E+00	1.24E+00
1104	387218.93, 3750673.71	37.47041	32.82387	9.65E-01	8.45E-01	1.25E+00	1.10E+00	1.49E+00	1.31E+00
1105	387218.93, 3750698.71	39.44862	34.58204	1.02E+00	8.91E-01	1.32E+00	1.16E+00	1.57E+00	1.38E+00
1106	387218.93, 3750723.71	41.55792	36.47531	1.07E+00	9.39E-01	1.39E+00	1.22E+00	1.65E+00	1.45E+00
1107	387218.93, 3750748.71	43.75724	38.47968	1.13E+00	9.91E-01	1.46E+00	1.29E+00	1.74E+00	1.53E+00
1108	387218.93, 3750773.71	46.2705	40.77946	1.19E+00	1.05E+00	1.55E+00	1.36E+00	1.84E+00	1.62E+00
1109	387218.93, 3750798.71	49.29792	43.54644	1.27E+00	1.12E+00	1.65E+00	1.46E+00	1.96E+00	1.73E+00
1110	387218.93, 3750823.71	52.92479	46.87	1.36E+00	1.21E+00	1.77E+00	1.57E+00	2.11E+00	1.87E+00
1111	387218.93, 3750848.71	58.16229	51.5727	1.50E+00	1.33E+00	1.94E+00	1.72E+00	2.32E+00	2.05E+00

1112	387218.93, 3750873.71	64.13373	57.02294	1.65E+00	1.47E+00	2.14E+00	1.91E+00	2.55E+00	2.27E+00
1113	387218.93, 3750898.71	71.13792	63.5359	1.83E+00	1.64E+00	2.38E+00	2.12E+00	2.83E+00	2.53E+00
1114	387243.93, 3748973.71	7.11214	6.17079	1.83E-01	1.59E-01	2.38E-01	2.06E-01	2.83E-01	2.46E-01
1115	387243.93, 3748998.71	7.5903	6.51067	1.95E-01	1.68E-01	2.54E-01	2.18E-01	3.02E-01	2.59E-01
1116	387243.93, 3749023.71	8.0336	6.84423	2.07E-01	1.76E-01	2.69E-01	2.29E-01	3.20E-01	2.73E-01
1117	387243.93, 3749048.71	8.33543	7.16034	2.15E-01	1.84E-01	2.79E-01	2.39E-01	3.32E-01	2.85E-01
1118	387243.93, 3749073.71	8.60986	7.45937	2.22E-01	1.92E-01	2.88E-01	2.49E-01	3.43E-01	2.97E-01
1119	387243.93, 3749098.71	8.94074	7.74665	2.30E-01	1.99E-01	2.99E-01	2.59E-01	3.56E-01	3.08E-01
1120	387243.93, 3749123.71	9.2588	8.02272	2.38E-01	2.07E-01	3.09E-01	2.68E-01	3.69E-01	3.19E-01
1121	387243.93, 3749148.71	9.56504	8.28851	2.46E-01	2.13E-01	3.20E-01	2.77E-01	3.81E-01	3.30E-01
1122	387243.93, 3749173.71	9.86053	8.54504	2.54E-01	2.20E-01	3.30E-01	2.86E-01	3.93E-01	3.40E-01
1123	387243.93, 3749198.71	10.14665	8.79351	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
1124	387243.93, 3749223.71	10.42534	9.03546	2.68E-01	2.33E-01	3.48E-01	3.02E-01	4.15E-01	3.60E-01
1125	387243.93, 3749248.71	10.69711	9.27157	2.75E-01	2.39E-01	3.58E-01	3.10E-01	4.26E-01	3.69E-01
1126	387243.93, 3749273.71	10.96347	9.50308	2.82E-01	2.45E-01	3.66E-01	3.18E-01	4.37E-01	3.78E-01
1127	387243.93, 3749298.71	11.22558	9.73098	2.89E-01	2.51E-01	3.75E-01	3.25E-01	4.47E-01	3.88E-01
1128	387243.93, 3749323.71	11.48452	9.95622	2.96E-01	2.56E-01	3.84E-01	3.33E-01	4.57E-01	3.96E-01
1129	387243.93, 3749348.71	11.74136	10.17969	3.02E-01	2.62E-01	3.92E-01	3.40E-01	4.68E-01	4.05E-01
1130	387243.93, 3749373.71	11.99715	10.40226	3.09E-01	2.68E-01	4.01E-01	3.48E-01	4.78E-01	4.14E-01
1131	387243.93, 3749398.71	12.25229	10.62443	3.16E-01	2.74E-01	4.10E-01	3.55E-01	4.88E-01	4.23E-01
1132	387243.93, 3749423.71	12.50706	10.84659	3.22E-01	2.79E-01	4.18E-01	3.63E-01	4.98E-01	4.32E-01
1133	387243.93, 3749448.71	12.76158	11.06905	3.29E-01	2.85E-01	4.27E-01	3.70E-01	5.08E-01	4.41E-01
1134	387243.93, 3749473.71	13.0165	11.29239	3.35E-01	2.91E-01	4.35E-01	3.77E-01	5.18E-01	4.50E-01
1135	387243.93, 3749498.71	13.27457	11.51837	3.42E-01	2.97E-01	4.44E-01	3.85E-01	5.29E-01	4.59E-01
1136	387243.93, 3749523.71	13.53735	11.74805	3.49E-01	3.03E-01	4.53E-01	3.93E-01	5.39E-01	4.68E-01
1137	387243.93, 3749548.71	13.80554	11.98204	3.56E-01	3.09E-01	4.61E-01	4.01E-01	5.50E-01	4.77E-01
1138	387243.93, 3749573.71	14.07968	12.22084	3.63E-01	3.15E-01	4.71E-01	4.08E-01	5.61E-01	4.87E-01
1139	387243.93, 3749598.71	14.35967	12.46461	3.70E-01	3.21E-01	4.80E-01	4.17E-01	5.72E-01	4.96E-01
1140	387243.93, 3749623.71	14.64345	12.71242	3.77E-01	3.27E-01	4.89E-01	4.25E-01	5.83E-01	5.06E-01
1141	387243.93, 3749648.71	14.93266	12.9654	3.85E-01	3.34E-01	4.99E-01	4.33E-01	5.95E-01	5.16E-01
1142	387243.93, 3749673.71	15.22618	13.22314	3.92E-01	3.41E-01	5.09E-01	4.42E-01	6.06E-01	5.27E-01
1143	387243.93, 3749698.71	15.52569	13.48681	4.00E-01	3.47E-01	5.19E-01	4.51E-01	6.18E-01	5.37E-01
1144	387243.93, 3749723.71	15.83498	13.75878	4.08E-01	3.54E-01	5.29E-01	4.60E-01	6.31E-01	5.48E-01
1145	387243.93, 3749748.71	16.15533	14.04	4.16E-01	3.62E-01	5.40E-01	4.69E-01	6.43E-01	5.59E-01
1146	387243.93, 3749773.71	16.48902	14.33205	4.25E-01	3.69E-01	5.51E-01	4.79E-01	6.57E-01	5.71E-01
1147	387243.93, 3749798.71	16.83339	14.6337	4.33E-01	3.77E-01	5.63E-01	4.89E-01	6.70E-01	5.83E-01

1148	387243.93, 3749823.71	17.18655	14.94423	4.43E-01	3.85E-01	5.74E-01	5.00E-01	6.84E-01	5.95E-01
1149	387243.93, 3749848.71	17.5489	15.2642	4.52E-01	3.93E-01	5.87E-01	5.10E-01	6.99E-01	6.08E-01
1150	387243.93, 3749873.71	17.92713	15.59772	4.62E-01	4.02E-01	5.99E-01	5.21E-01	7.14E-01	6.21E-01
1151	387243.93, 3749898.71	18.323	15.94619	4.72E-01	4.11E-01	6.12E-01	5.33E-01	7.30E-01	6.35E-01
1152	387243.93, 3749923.71	18.73478	16.30907	4.82E-01	4.20E-01	6.26E-01	5.45E-01	7.46E-01	6.49E-01
1153	387243.93, 3749948.71	19.16129	16.68618	4.93E-01	4.30E-01	6.40E-01	5.58E-01	7.63E-01	6.64E-01
1154	387243.93, 3749973.71	19.60416	17.07896	5.05E-01	4.40E-01	6.55E-01	5.71E-01	7.81E-01	6.80E-01
1155	387243.93, 3749998.71	20.06984	17.4916	5.17E-01	4.50E-01	6.71E-01	5.85E-01	7.99E-01	6.97E-01
1156	387243.93, 3750023.71	20.5663	17.92927	5.30E-01	4.62E-01	6.87E-01	5.99E-01	8.19E-01	7.14E-01
1157	387243.93, 3750048.71	21.07786	18.38321	5.43E-01	4.73E-01	7.05E-01	6.14E-01	8.39E-01	7.32E-01
1158	387243.93, 3750073.71	21.62292	18.86104	5.57E-01	4.86E-01	7.23E-01	6.30E-01	8.61E-01	7.51E-01
1159	387243.93, 3750098.71	22.20213	19.36854	5.72E-01	4.99E-01	7.42E-01	6.47E-01	8.84E-01	7.71E-01
1160	387243.93, 3750123.71	22.81877	19.90859	5.88E-01	5.13E-01	7.63E-01	6.65E-01	9.09E-01	7.93E-01
1161	387243.93, 3750148.71	23.47139	20.48047	6.04E-01	5.27E-01	7.85E-01	6.85E-01	9.35E-01	8.16E-01
1162	387243.93, 3750173.71	24.15775	21.08291	6.22E-01	5.43E-01	8.08E-01	7.05E-01	9.62E-01	8.40E-01
1163	387243.93, 3750198.71	24.89081	21.72641	6.41E-01	5.59E-01	8.32E-01	7.26E-01	9.91E-01	8.65E-01
1164	387243.93, 3750223.71	25.6753	22.41523	6.61E-01	5.77E-01	8.58E-01	7.49E-01	1.02E+00	8.93E-01
1165	387243.93, 3750248.71	26.51541	23.15331	6.83E-01	5.96E-01	8.86E-01	7.74E-01	1.06E+00	9.22E-01
1166	387243.93, 3750273.71	27.41318	23.94305	7.06E-01	6.17E-01	9.16E-01	8.00E-01	1.09E+00	9.53E-01
1167	387243.93, 3750298.71	28.38317	24.79667	7.31E-01	6.39E-01	9.49E-01	8.29E-01	1.13E+00	9.87E-01
1168	387243.93, 3750323.71	29.43613	25.72364	7.58E-01	6.62E-01	9.84E-01	8.60E-01	1.17E+00	1.02E+00
1169	387243.93, 3750348.71	30.58408	26.73463	7.88E-01	6.88E-01	1.02E+00	8.94E-01	1.22E+00	1.06E+00
1170	387243.93, 3750373.71	31.83673	27.83884	8.20E-01	7.17E-01	1.06E+00	9.31E-01	1.27E+00	1.11E+00
1171	387243.93, 3750398.71	33.20403	29.04605	8.55E-01	7.48E-01	1.11E+00	9.71E-01	1.32E+00	1.16E+00
1172	387243.93, 3750423.71	34.71953	30.38476	8.94E-01	7.82E-01	1.16E+00	1.02E+00	1.38E+00	1.21E+00
1173	387243.93, 3750448.71	36.37573	31.85245	9.37E-01	8.20E-01	1.22E+00	1.06E+00	1.45E+00	1.27E+00
1174	387243.93, 3750473.71	38.23517	33.50158	9.85E-01	8.63E-01	1.28E+00	1.12E+00	1.52E+00	1.33E+00
1175	387243.93, 3750498.71	40.23501	35.2889	1.04E+00	9.09E-01	1.34E+00	1.18E+00	1.60E+00	1.41E+00
1176	387243.93, 3750523.71	42.22757	37.10701	1.09E+00	9.56E-01	1.41E+00	1.24E+00	1.68E+00	1.48E+00
1177	387243.93, 3750548.71	44.46073	39.1555	1.14E+00	1.01E+00	1.49E+00	1.31E+00	1.77E+00	1.56E+00
1178	387243.93, 3750573.71	47.08363	41.56248	1.21E+00	1.07E+00	1.57E+00	1.39E+00	1.87E+00	1.66E+00
1179	387243.93, 3750598.71	50.32293	44.5234	1.30E+00	1.15E+00	1.68E+00	1.49E+00	2.00E+00	1.77E+00
1180	387243.93, 3750623.71	54.39095	48.23124	1.40E+00	1.24E+00	1.82E+00	1.61E+00	2.17E+00	1.92E+00
1181	387243.93, 3750648.71	59.44991	52.85208	1.53E+00	1.36E+00	1.99E+00	1.77E+00	2.37E+00	2.10E+00
1182	387243.93, 3750673.71	65.55886	58.49071	1.69E+00	1.51E+00	2.19E+00	1.96E+00	2.61E+00	2.33E+00
1183	387243.93, 3750698.71	72.95393	65.42316	1.88E+00	1.68E+00	2.44E+00	2.19E+00	2.91E+00	2.61E+00

1184	387268.93, 3748973.71	7.92208	6.87392	2.04E-01	1.77E-01	2.65E-01	2.30E-01	3.15E-01	2.74E-01
1185	387268.93, 3748998.71	8.47225	7.28748	2.18E-01	1.88E-01	2.83E-01	2.44E-01	3.37E-01	2.90E-01
1186	387268.93, 3749023.71	8.87603	7.67762	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.53E-01	3.06E-01
1187	387268.93, 3749048.71	9.28233	8.04691	2.39E-01	2.07E-01	3.10E-01	2.69E-01	3.70E-01	3.20E-01
1188	387268.93, 3749073.71	9.68816	8.39971	2.49E-01	2.16E-01	3.24E-01	2.81E-01	3.86E-01	3.34E-01
1189	387268.93, 3749098.71	10.07687	8.73736	2.59E-01	2.25E-01	3.37E-01	2.92E-01	4.01E-01	3.48E-01
1190	387268.93, 3749123.71	10.44951	9.06101	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.61E-01
1191	387268.93, 3749148.71	10.80777	9.37226	2.78E-01	2.41E-01	3.61E-01	3.13E-01	4.30E-01	3.73E-01
1192	387268.93, 3749173.71	11.15353	9.67283	2.87E-01	2.49E-01	3.73E-01	3.23E-01	4.44E-01	3.85E-01
1193	387268.93, 3749198.71	11.48889	9.96456	2.96E-01	2.57E-01	3.84E-01	3.33E-01	4.58E-01	3.97E-01
1194	387268.93, 3749223.71	11.81653	10.24955	3.04E-01	2.64E-01	3.95E-01	3.43E-01	4.71E-01	4.08E-01
1195	387268.93, 3749248.71	12.13756	10.529	3.13E-01	2.71E-01	4.06E-01	3.52E-01	4.83E-01	4.19E-01
1196	387268.93, 3749273.71	12.45404	10.80458	3.21E-01	2.78E-01	4.16E-01	3.61E-01	4.96E-01	4.30E-01
1197	387268.93, 3749298.71	12.76733	11.07753	3.29E-01	2.85E-01	4.27E-01	3.70E-01	5.08E-01	4.41E-01
1198	387268.93, 3749323.71	13.07875	11.34902	3.37E-01	2.92E-01	4.37E-01	3.79E-01	5.21E-01	4.52E-01
1199	387268.93, 3749348.71	13.38985	11.62032	3.45E-01	2.99E-01	4.48E-01	3.88E-01	5.33E-01	4.63E-01
1200	387268.93, 3749373.71	13.70169	11.8924	3.53E-01	3.06E-01	4.58E-01	3.98E-01	5.46E-01	4.74E-01
1201	387268.93, 3749398.71	14.01513	12.1661	3.61E-01	3.13E-01	4.68E-01	4.07E-01	5.58E-01	4.84E-01
1202	387268.93, 3749423.71	14.33049	12.44194	3.69E-01	3.20E-01	4.79E-01	4.16E-01	5.71E-01	4.95E-01
1203	387268.93, 3749448.71	14.64802	12.72038	3.77E-01	3.28E-01	4.90E-01	4.25E-01	5.83E-01	5.07E-01
1204	387268.93, 3749473.71	14.96863	13.00225	3.85E-01	3.35E-01	5.00E-01	4.35E-01	5.96E-01	5.18E-01
1205	387268.93, 3749498.71	15.29676	13.29035	3.94E-01	3.42E-01	5.11E-01	4.44E-01	6.09E-01	5.29E-01
1206	387268.93, 3749523.71	15.63353	13.58563	4.03E-01	3.50E-01	5.23E-01	4.54E-01	6.23E-01	5.41E-01
1207	387268.93, 3749548.71	15.97982	13.8889	4.11E-01	3.58E-01	5.34E-01	4.64E-01	6.36E-01	5.53E-01
1208	387268.93, 3749573.71	16.33674	14.20111	4.21E-01	3.66E-01	5.46E-01	4.75E-01	6.51E-01	5.66E-01
1209	387268.93, 3749598.71	16.70495	14.523	4.30E-01	3.74E-01	5.58E-01	4.85E-01	6.65E-01	5.78E-01
1210	387268.93, 3749623.71	17.08148	14.85325	4.40E-01	3.82E-01	5.71E-01	4.96E-01	6.80E-01	5.91E-01
1211	387268.93, 3749648.71	17.46867	15.19358	4.50E-01	3.91E-01	5.84E-01	5.08E-01	6.96E-01	6.05E-01
1212	387268.93, 3749673.71	17.86525	15.54366	4.60E-01	4.00E-01	5.97E-01	5.20E-01	7.11E-01	6.19E-01
1213	387268.93, 3749698.71	18.27475	15.90594	4.71E-01	4.10E-01	6.11E-01	5.32E-01	7.28E-01	6.33E-01
1214	387268.93, 3749723.71	18.70186	16.28351	4.82E-01	4.19E-01	6.25E-01	5.44E-01	7.45E-01	6.48E-01
1215	387268.93, 3749748.71	19.14659	16.67691	4.93E-01	4.29E-01	6.40E-01	5.57E-01	7.62E-01	6.64E-01
1216	387268.93, 3749773.71	19.61546	17.09037	5.05E-01	4.40E-01	6.56E-01	5.71E-01	7.81E-01	6.81E-01
1217	387268.93, 3749798.71	20.10676	17.52356	5.18E-01	4.51E-01	6.72E-01	5.86E-01	8.01E-01	6.98E-01
1218	387268.93, 3749823.71	20.61501	17.97407	5.31E-01	4.63E-01	6.89E-01	6.01E-01	8.21E-01	7.16E-01
1219	387268.93, 3749848.71	21.14524	18.44295	5.45E-01	4.75E-01	7.07E-01	6.16E-01	8.42E-01	7.34E-01

1220	387268.93, 3749873.71	21.71098	18.93887	5.59E-01	4.88E-01	7.26E-01	6.33E-01	8.65E-01	7.54E-01
1221	387268.93, 3749898.71	22.31581	19.46836	5.75E-01	5.01E-01	7.46E-01	6.51E-01	8.89E-01	7.75E-01
1222	387268.93, 3749923.71	22.95205	20.02587	5.91E-01	5.16E-01	7.67E-01	6.69E-01	9.14E-01	7.97E-01
1223	387268.93, 3749948.71	23.62112	20.61291	6.08E-01	5.31E-01	7.90E-01	6.89E-01	9.41E-01	8.21E-01
1224	387268.93, 3749973.71	24.32895	21.23452	6.26E-01	5.47E-01	8.13E-01	7.10E-01	9.69E-01	8.46E-01
1225	387268.93, 3749998.71	25.08572	21.89912	6.46E-01	5.64E-01	8.39E-01	7.32E-01	9.99E-01	8.72E-01
1226	387268.93, 3750023.71	25.90524	22.61801	6.67E-01	5.82E-01	8.66E-01	7.56E-01	1.03E+00	9.01E-01
1227	387268.93, 3750048.71	26.76697	23.37607	6.89E-01	6.02E-01	8.95E-01	7.81E-01	1.07E+00	9.31E-01
1228	387268.93, 3750073.71	27.69262	24.19096	7.13E-01	6.23E-01	9.26E-01	8.09E-01	1.10E+00	9.63E-01
1229	387268.93, 3750098.71	28.69907	25.07674	7.39E-01	6.46E-01	9.59E-01	8.38E-01	1.14E+00	9.99E-01
1230	387268.93, 3750123.71	29.79624	26.04235	7.67E-01	6.71E-01	9.96E-01	8.70E-01	1.19E+00	1.04E+00
1231	387268.93, 3750148.71	30.98793	27.0922	7.98E-01	6.98E-01	1.04E+00	9.06E-01	1.23E+00	1.08E+00
1232	387268.93, 3750173.71	32.2852	28.23667	8.31E-01	7.27E-01	1.08E+00	9.44E-01	1.29E+00	1.12E+00
1233	387268.93, 3750198.71	33.71103	29.49577	8.68E-01	7.60E-01	1.13E+00	9.86E-01	1.34E+00	1.17E+00
1234	387268.93, 3750223.71	35.28434	30.88692	9.09E-01	7.95E-01	1.18E+00	1.03E+00	1.41E+00	1.23E+00
1235	387268.93, 3750248.71	37.03009	32.43301	9.54E-01	8.35E-01	1.24E+00	1.08E+00	1.47E+00	1.29E+00
1236	387268.93, 3750273.71	38.97278	34.15754	1.00E+00	8.80E-01	1.30E+00	1.14E+00	1.55E+00	1.36E+00
1237	387268.93, 3750298.71	41.09088	36.04986	1.06E+00	9.28E-01	1.37E+00	1.21E+00	1.64E+00	1.44E+00
1238	387268.93, 3750323.71	43.20102	37.97531	1.11E+00	9.78E-01	1.44E+00	1.27E+00	1.72E+00	1.51E+00
1239	387268.93, 3750348.71	45.40708	40.02279	1.17E+00	1.03E+00	1.52E+00	1.34E+00	1.81E+00	1.59E+00
1240	387268.93, 3750373.71	47.94787	42.38995	1.23E+00	1.09E+00	1.60E+00	1.42E+00	1.91E+00	1.69E+00
1241	387268.93, 3750398.71	51.19015	45.38485	1.32E+00	1.17E+00	1.71E+00	1.52E+00	2.04E+00	1.81E+00
1242	387268.93, 3750423.71	55.10697	49.01558	1.42E+00	1.26E+00	1.84E+00	1.64E+00	2.19E+00	1.95E+00
1243	387268.93, 3750448.71	62.02306	55.1618	1.60E+00	1.42E+00	2.07E+00	1.84E+00	2.47E+00	2.20E+00
1244	387268.93, 3750473.71	68.92726	61.52245	1.77E+00	1.58E+00	2.30E+00	2.06E+00	2.74E+00	2.45E+00
1245	387268.93, 3750498.71	76.3219	68.52884	1.97E+00	1.76E+00	2.55E+00	2.29E+00	3.04E+00	2.73E+00
1246	387293.93, 3748973.71	8.96991	7.78091	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.10E-01
1247	387293.93, 3748998.71	9.54074	8.27608	2.46E-01	2.13E-01	3.19E-01	2.77E-01	3.80E-01	3.30E-01
1248	387293.93, 3749023.71	10.08022	8.74559	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.01E-01	3.48E-01
1249	387293.93, 3749048.71	10.59235	9.19133	2.73E-01	2.37E-01	3.54E-01	3.07E-01	4.22E-01	3.66E-01
1250	387293.93, 3749073.71	11.07893	9.61476	2.85E-01	2.48E-01	3.70E-01	3.21E-01	4.41E-01	3.83E-01
1251	387293.93, 3749098.71	11.54334	10.01864	2.97E-01	2.58E-01	3.86E-01	3.35E-01	4.60E-01	3.99E-01
1252	387293.93, 3749123.71	11.98779	10.40529	3.09E-01	2.68E-01	4.01E-01	3.48E-01	4.77E-01	4.14E-01
1253	387293.93, 3749148.71	12.41535	10.77751	3.20E-01	2.78E-01	4.15E-01	3.60E-01	4.94E-01	4.29E-01
1254	387293.93, 3749173.71	12.82946	11.13826	3.30E-01	2.87E-01	4.29E-01	3.72E-01	5.11E-01	4.44E-01
1255	387293.93, 3749198.71	13.23311	11.49021	3.41E-01	2.96E-01	4.42E-01	3.84E-01	5.27E-01	4.58E-01

1256	387293.93, 3749223.71	13.62945	11.83597	3.51E-01	3.05E-01	4.56E-01	3.96E-01	5.43E-01	4.71E-01
1257	387293.93, 3749248.71	14.02109	12.17781	3.61E-01	3.14E-01	4.69E-01	4.07E-01	5.58E-01	4.85E-01
1258	387293.93, 3749273.71	14.41054	12.51784	3.71E-01	3.22E-01	4.82E-01	4.18E-01	5.74E-01	4.98E-01
1259	387293.93, 3749298.71	14.79926	12.85754	3.81E-01	3.31E-01	4.95E-01	4.30E-01	5.89E-01	5.12E-01
1260	387293.93, 3749323.71	15.18894	13.19846	3.91E-01	3.40E-01	5.08E-01	4.41E-01	6.05E-01	5.26E-01
1261	387293.93, 3749348.71	15.5826	13.54287	4.01E-01	3.49E-01	5.21E-01	4.53E-01	6.21E-01	5.39E-01
1262	387293.93, 3749373.71	15.98087	13.89165	4.12E-01	3.58E-01	5.34E-01	4.64E-01	6.36E-01	5.53E-01
1263	387293.93, 3749398.71	16.38551	14.24631	4.22E-01	3.67E-01	5.48E-01	4.76E-01	6.52E-01	5.67E-01
1264	387293.93, 3749423.71	16.79691	14.6076	4.33E-01	3.76E-01	5.61E-01	4.88E-01	6.69E-01	5.82E-01
1265	387293.93, 3749448.71	17.21531	14.97617	4.43E-01	3.86E-01	5.75E-01	5.01E-01	6.86E-01	5.96E-01
1266	387293.93, 3749473.71	17.64198	15.35324	4.54E-01	3.95E-01	5.90E-01	5.13E-01	7.03E-01	6.11E-01
1267	387293.93, 3749498.71	18.08482	15.74381	4.66E-01	4.05E-01	6.05E-01	5.26E-01	7.20E-01	6.27E-01
1268	387293.93, 3749523.71	18.54566	16.14949	4.78E-01	4.16E-01	6.20E-01	5.40E-01	7.39E-01	6.43E-01
1269	387293.93, 3749548.71	19.02326	16.57018	4.90E-01	4.27E-01	6.36E-01	5.54E-01	7.58E-01	6.60E-01
1270	387293.93, 3749573.71	19.51937	17.00752	5.03E-01	4.38E-01	6.52E-01	5.68E-01	7.77E-01	6.77E-01
1271	387293.93, 3749598.71	20.0363	17.46352	5.16E-01	4.50E-01	6.70E-01	5.84E-01	7.98E-01	6.95E-01
1272	387293.93, 3749623.71	20.57475	17.93933	5.30E-01	4.62E-01	6.88E-01	6.00E-01	8.19E-01	7.14E-01
1273	387293.93, 3749648.71	21.13806	18.43617	5.44E-01	4.75E-01	7.07E-01	6.16E-01	8.42E-01	7.34E-01
1274	387293.93, 3749673.71	21.72928	18.95445	5.60E-01	4.88E-01	7.26E-01	6.34E-01	8.65E-01	7.55E-01
1275	387293.93, 3749698.71	22.34931	19.49841	5.76E-01	5.02E-01	7.47E-01	6.52E-01	8.90E-01	7.76E-01
1276	387293.93, 3749723.71	23.00608	20.07457	5.92E-01	5.17E-01	7.69E-01	6.71E-01	9.16E-01	7.99E-01
1277	387293.93, 3749748.71	23.703	20.68601	6.10E-01	5.33E-01	7.92E-01	6.91E-01	9.44E-01	8.24E-01
1278	387293.93, 3749773.71	24.44683	21.33844	6.30E-01	5.49E-01	8.17E-01	7.13E-01	9.74E-01	8.50E-01
1279	387293.93, 3749798.71	25.24223	22.03606	6.50E-01	5.67E-01	8.44E-01	7.37E-01	1.01E+00	8.78E-01
1280	387293.93, 3749823.71	26.08435	22.77581	6.72E-01	5.86E-01	8.72E-01	7.61E-01	1.04E+00	9.07E-01
1281	387293.93, 3749848.71	26.97657	23.56109	6.95E-01	6.07E-01	9.02E-01	7.88E-01	1.07E+00	9.38E-01
1282	387293.93, 3749873.71	27.93507	24.40534	7.19E-01	6.28E-01	9.34E-01	8.16E-01	1.11E+00	9.72E-01
1283	387293.93, 3749898.71	28.98695	25.3306	7.46E-01	6.52E-01	9.69E-01	8.47E-01	1.15E+00	1.01E+00
1284	387293.93, 3749923.71	30.12523	26.33284	7.76E-01	6.78E-01	1.01E+00	8.80E-01	1.20E+00	1.05E+00
1285	387293.93, 3749948.71	31.36033	27.4217	8.08E-01	7.06E-01	1.05E+00	9.17E-01	1.25E+00	1.09E+00
1286	387293.93, 3749973.71	32.70766	28.61109	8.42E-01	7.37E-01	1.09E+00	9.56E-01	1.30E+00	1.14E+00
1287	387293.93, 3749998.71	34.19133	29.92207	8.80E-01	7.71E-01	1.14E+00	1.00E+00	1.36E+00	1.19E+00
1288	387293.93, 3750023.71	35.8339	31.37515	9.23E-01	8.08E-01	1.20E+00	1.05E+00	1.43E+00	1.25E+00
1289	387293.93, 3750048.71	37.6572	32.99111	9.70E-01	8.50E-01	1.26E+00	1.10E+00	1.50E+00	1.31E+00
1290	387293.93, 3750073.71	39.69049	34.79764	1.02E+00	8.96E-01	1.33E+00	1.16E+00	1.58E+00	1.39E+00
1291	387293.93, 3750098.71	41.91117	36.7839	1.08E+00	9.47E-01	1.40E+00	1.23E+00	1.67E+00	1.46E+00

1292	387293.93, 3750123.71	44.09644	38.78536	1.14E+00	9.99E-01	1.47E+00	1.30E+00	1.76E+00	1.54E+00
1293	387293.93, 3750148.71	46.3645	40.90247	1.19E+00	1.05E+00	1.55E+00	1.37E+00	1.85E+00	1.63E+00
1294	387293.93, 3750173.71	48.9603	43.33858	1.26E+00	1.12E+00	1.64E+00	1.45E+00	1.95E+00	1.73E+00
1295	387293.93, 3750198.71	52.29501	46.43922	1.35E+00	1.20E+00	1.75E+00	1.55E+00	2.08E+00	1.85E+00
1296	387293.93, 3750223.71	56.68672	50.49199	1.46E+00	1.30E+00	1.89E+00	1.69E+00	2.26E+00	2.01E+00
1297	387293.93, 3750248.71	62.39121	55.75221	1.61E+00	1.44E+00	2.09E+00	1.86E+00	2.48E+00	2.22E+00
1298	387293.93, 3750273.71	69.78263	62.59889	1.80E+00	1.61E+00	2.33E+00	2.09E+00	2.78E+00	2.49E+00
1299	387318.93, 3748973.71	10.33004	8.97005	2.66E-01	2.31E-01	3.45E-01	3.00E-01	4.11E-01	3.57E-01
1300	387318.93, 3748998.71	11.04016	9.5893	2.84E-01	2.47E-01	3.69E-01	3.21E-01	4.40E-01	3.82E-01
1301	387318.93, 3749023.71	11.71018	10.17344	3.02E-01	2.62E-01	3.91E-01	3.40E-01	4.66E-01	4.05E-01
1302	387318.93, 3749048.71	12.34129	10.7236	3.18E-01	2.76E-01	4.13E-01	3.58E-01	4.91E-01	4.27E-01
1303	387318.93, 3749073.71	12.93822	11.2439	3.33E-01	2.90E-01	4.32E-01	3.76E-01	5.15E-01	4.48E-01
1304	387318.93, 3749098.71	13.50693	11.73953	3.48E-01	3.02E-01	4.51E-01	3.92E-01	5.38E-01	4.67E-01
1305	387318.93, 3749123.71	14.05184	12.21488	3.62E-01	3.15E-01	4.70E-01	4.08E-01	5.60E-01	4.86E-01
1306	387318.93, 3749148.71	14.57864	12.67491	3.75E-01	3.26E-01	4.87E-01	4.24E-01	5.81E-01	5.05E-01
1307	387318.93, 3749173.71	15.09247	13.12411	3.89E-01	3.38E-01	5.04E-01	4.39E-01	6.01E-01	5.23E-01
1308	387318.93, 3749198.71	15.59792	13.56648	4.02E-01	3.49E-01	5.21E-01	4.53E-01	6.21E-01	5.40E-01
1309	387318.93, 3749223.71	16.09986	14.00601	4.15E-01	3.61E-01	5.38E-01	4.68E-01	6.41E-01	5.58E-01
1310	387318.93, 3749248.71	16.60096	14.44535	4.27E-01	3.72E-01	5.55E-01	4.83E-01	6.61E-01	5.75E-01
1311	387318.93, 3749273.71	17.10511	14.88773	4.40E-01	3.83E-01	5.72E-01	4.98E-01	6.81E-01	5.93E-01
1312	387318.93, 3749298.71	17.61442	15.3353	4.54E-01	3.95E-01	5.89E-01	5.13E-01	7.01E-01	6.11E-01
1313	387318.93, 3749323.71	18.13166	15.79057	4.67E-01	4.07E-01	6.06E-01	5.28E-01	7.22E-01	6.29E-01
1314	387318.93, 3749348.71	18.66306	16.25793	4.81E-01	4.19E-01	6.24E-01	5.43E-01	7.43E-01	6.47E-01
1315	387318.93, 3749373.71	19.20483	16.73616	4.95E-01	4.31E-01	6.42E-01	5.59E-01	7.65E-01	6.66E-01
1316	387318.93, 3749398.71	19.76661	17.23162	5.09E-01	4.44E-01	6.61E-01	5.76E-01	7.87E-01	6.86E-01
1317	387318.93, 3749423.71	20.3467	17.74431	5.24E-01	4.57E-01	6.80E-01	5.93E-01	8.10E-01	7.07E-01
1318	387318.93, 3749448.71	20.95223	18.27531	5.40E-01	4.71E-01	7.00E-01	6.11E-01	8.34E-01	7.28E-01
1319	387318.93, 3749473.71	21.58083	18.82647	5.56E-01	4.85E-01	7.21E-01	6.29E-01	8.59E-01	7.50E-01
1320	387318.93, 3749498.71	22.24168	19.40586	5.73E-01	5.00E-01	7.43E-01	6.49E-01	8.86E-01	7.73E-01
1321	387318.93, 3749523.71	22.93774	20.01623	5.91E-01	5.15E-01	7.67E-01	6.69E-01	9.13E-01	7.97E-01
1322	387318.93, 3749548.71	23.67681	20.66407	6.10E-01	5.32E-01	7.91E-01	6.91E-01	9.43E-01	8.23E-01
1323	387318.93, 3749573.71	24.46142	21.35191	6.30E-01	5.50E-01	8.18E-01	7.14E-01	9.74E-01	8.50E-01
1324	387318.93, 3749598.71	25.293	22.08148	6.51E-01	5.69E-01	8.45E-01	7.38E-01	1.01E+00	8.79E-01
1325	387318.93, 3749623.71	26.1773	22.85796	6.74E-01	5.89E-01	8.75E-01	7.64E-01	1.04E+00	9.10E-01
1326	387318.93, 3749648.71	27.11961	23.68631	6.98E-01	6.10E-01	9.07E-01	7.92E-01	1.08E+00	9.43E-01
1327	387318.93, 3749673.71	28.12368	24.57043	7.24E-01	6.33E-01	9.40E-01	8.21E-01	1.12E+00	9.78E-01

1328	387318.93, 3749698.71	29.20526	25.52368	7.52E-01	6.57E-01	9.76E-01	8.53E-01	1.16E+00	1.02E+00
1329	387318.93, 3749723.71	30.3848	26.56331	7.82E-01	6.84E-01	1.02E+00	8.88E-01	1.21E+00	1.06E+00
1330	387318.93, 3749748.71	31.67554	27.70132	8.16E-01	7.13E-01	1.06E+00	9.26E-01	1.26E+00	1.10E+00
1331	387318.93, 3749773.71	33.08621	28.94659	8.52E-01	7.45E-01	1.11E+00	9.68E-01	1.32E+00	1.15E+00
1332	387318.93, 3749798.71	34.64507	30.32362	8.92E-01	7.81E-01	1.16E+00	1.01E+00	1.38E+00	1.21E+00
1333	387318.93, 3749823.71	36.36262	31.84387	9.36E-01	8.20E-01	1.22E+00	1.06E+00	1.45E+00	1.27E+00
1334	387318.93, 3749848.71	38.26317	33.53047	9.85E-01	8.63E-01	1.28E+00	1.12E+00	1.52E+00	1.34E+00
1335	387318.93, 3749873.71	40.37967	35.41444	1.04E+00	9.12E-01	1.35E+00	1.18E+00	1.61E+00	1.41E+00
1336	387318.93, 3749898.71	42.59654	37.41366	1.10E+00	9.63E-01	1.42E+00	1.25E+00	1.70E+00	1.49E+00
1337	387318.93, 3749923.71	44.79732	39.44625	1.15E+00	1.02E+00	1.50E+00	1.32E+00	1.78E+00	1.57E+00
1338	387318.93, 3749948.71	47.08546	41.60153	1.21E+00	1.07E+00	1.57E+00	1.39E+00	1.88E+00	1.66E+00
1339	387318.93, 3749973.71	49.72295	44.09636	1.28E+00	1.14E+00	1.66E+00	1.47E+00	1.98E+00	1.76E+00
1340	387318.93, 3749998.71	53.13393	47.29032	1.37E+00	1.22E+00	1.78E+00	1.58E+00	2.12E+00	1.88E+00
1341	387318.93, 3750023.71	57.89195	51.68497	1.49E+00	1.33E+00	1.94E+00	1.73E+00	2.31E+00	2.06E+00
1342	387318.93, 3750048.71	64.04565	57.38125	1.65E+00	1.48E+00	2.14E+00	1.92E+00	2.55E+00	2.29E+00
1343	387318.93, 3750073.71	72.27103	64.72638	1.86E+00	1.67E+00	2.42E+00	2.16E+00	2.88E+00	2.58E+00
1344	387343.93, 3748973.71	12.19983	10.618	3.14E-01	2.73E-01	4.08E-01	3.55E-01	4.86E-01	4.23E-01
1345	387343.93, 3748998.71	13.11917	11.42202	3.38E-01	2.94E-01	4.39E-01	3.82E-01	5.22E-01	4.55E-01
1346	387343.93, 3749023.71	13.98216	12.17448	3.60E-01	3.14E-01	4.67E-01	4.07E-01	5.57E-01	4.85E-01
1347	387343.93, 3749048.71	14.78976	12.87856	3.81E-01	3.32E-01	4.94E-01	4.30E-01	5.89E-01	5.13E-01
1348	387343.93, 3749073.71	15.5493	13.54196	4.00E-01	3.49E-01	5.20E-01	4.53E-01	6.19E-01	5.39E-01
1349	387343.93, 3749098.71	16.27305	14.17517	4.19E-01	3.65E-01	5.44E-01	4.74E-01	6.48E-01	5.64E-01
1350	387343.93, 3749123.71	16.97109	14.78714	4.37E-01	3.81E-01	5.67E-01	4.94E-01	6.76E-01	5.89E-01
1351	387343.93, 3749148.71	17.65394	15.38666	4.55E-01	3.96E-01	5.90E-01	5.14E-01	7.03E-01	6.13E-01
1352	387343.93, 3749173.71	18.32942	15.98063	4.72E-01	4.12E-01	6.13E-01	5.34E-01	7.30E-01	6.36E-01
1353	387343.93, 3749198.71	19.00484	16.57504	4.89E-01	4.27E-01	6.35E-01	5.54E-01	7.57E-01	6.60E-01
1354	387343.93, 3749223.71	19.69217	17.17608	5.07E-01	4.42E-01	6.58E-01	5.74E-01	7.84E-01	6.84E-01
1355	387343.93, 3749248.71	20.39023	17.78691	5.25E-01	4.58E-01	6.82E-01	5.95E-01	8.12E-01	7.08E-01
1356	387343.93, 3749273.71	21.10663	18.41399	5.44E-01	4.74E-01	7.06E-01	6.16E-01	8.40E-01	7.33E-01
1357	387343.93, 3749298.71	21.84562	19.06118	5.63E-01	4.91E-01	7.30E-01	6.37E-01	8.70E-01	7.59E-01
1358	387343.93, 3749323.71	22.61229	19.73299	5.82E-01	5.08E-01	7.56E-01	6.60E-01	9.00E-01	7.86E-01
1359	387343.93, 3749348.71	23.4165	20.43766	6.03E-01	5.26E-01	7.83E-01	6.83E-01	9.32E-01	8.14E-01
1360	387343.93, 3749373.71	24.25388	21.17249	6.25E-01	5.45E-01	8.11E-01	7.08E-01	9.66E-01	8.43E-01
1361	387343.93, 3749398.71	25.14116	21.95115	6.47E-01	5.65E-01	8.40E-01	7.34E-01	1.00E+00	8.74E-01
1362	387343.93, 3749423.71	26.0808	22.77637	6.72E-01	5.87E-01	8.72E-01	7.61E-01	1.04E+00	9.07E-01
1363	387343.93, 3749448.71	27.07835	23.6534	6.97E-01	6.09E-01	9.05E-01	7.91E-01	1.08E+00	9.42E-01

1364	387343.93, 3749473.71	28.14399	24.59124	7.25E-01	6.33E-01	9.41E-01	8.22E-01	1.12E+00	9.79E-01
1365	387343.93, 3749498.71	29.28953	25.60033	7.54E-01	6.59E-01	9.79E-01	8.56E-01	1.17E+00	1.02E+00
1366	387343.93, 3749523.71	30.53148	26.69499	7.86E-01	6.87E-01	1.02E+00	8.92E-01	1.22E+00	1.06E+00
1367	387343.93, 3749548.71	31.88661	27.89012	8.21E-01	7.18E-01	1.07E+00	9.32E-01	1.27E+00	1.11E+00
1368	387343.93, 3749573.71	33.3703	29.19995	8.59E-01	7.52E-01	1.12E+00	9.76E-01	1.33E+00	1.16E+00
1369	387343.93, 3749598.71	34.9984	30.63963	9.01E-01	7.89E-01	1.17E+00	1.02E+00	1.39E+00	1.22E+00
1370	387343.93, 3749623.71	36.79518	32.23162	9.48E-01	8.30E-01	1.23E+00	1.08E+00	1.47E+00	1.28E+00
1371	387343.93, 3749648.71	38.79297	34.00565	9.99E-01	8.76E-01	1.30E+00	1.14E+00	1.54E+00	1.35E+00
1372	387343.93, 3749673.71	41.00209	35.97589	1.06E+00	9.26E-01	1.37E+00	1.20E+00	1.63E+00	1.43E+00
1373	387343.93, 3749698.71	43.31452	38.06686	1.12E+00	9.80E-01	1.45E+00	1.27E+00	1.72E+00	1.52E+00
1374	387343.93, 3749723.71	45.61768	40.20066	1.17E+00	1.04E+00	1.52E+00	1.34E+00	1.82E+00	1.60E+00
1375	387343.93, 3749748.71	47.87078	42.35379	1.23E+00	1.09E+00	1.60E+00	1.42E+00	1.91E+00	1.69E+00
1376	387343.93, 3749773.71	50.46994	44.84504	1.30E+00	1.15E+00	1.69E+00	1.50E+00	2.01E+00	1.79E+00
1377	387343.93, 3749798.71	53.65768	47.89037	1.38E+00	1.23E+00	1.79E+00	1.60E+00	2.14E+00	1.91E+00
1378	387343.93, 3749823.71	58.15394	52.1184	1.50E+00	1.34E+00	1.94E+00	1.74E+00	2.32E+00	2.08E+00
1379	387343.93, 3749848.71	64.83749	58.09717	1.67E+00	1.50E+00	2.17E+00	1.94E+00	2.58E+00	2.31E+00
1380	387343.93, 3749873.71	74.62017	66.36384	1.92E+00	1.71E+00	2.49E+00	2.22E+00	2.97E+00	2.64E+00
1381	387368.93, 3748973.71	14.95295	13.04989	3.85E-01	3.36E-01	5.00E-01	4.36E-01	5.95E-01	5.20E-01
1382	387368.93, 3748998.71	16.23256	14.16465	4.18E-01	3.65E-01	5.43E-01	4.73E-01	6.46E-01	5.64E-01
1383	387368.93, 3749023.71	17.41095	15.1912	4.48E-01	3.91E-01	5.82E-01	5.08E-01	6.93E-01	6.05E-01
1384	387368.93, 3749048.71	18.49762	16.1395	4.76E-01	4.16E-01	6.18E-01	5.39E-01	7.37E-01	6.43E-01
1385	387368.93, 3749073.71	19.52134	17.03428	5.03E-01	4.39E-01	6.53E-01	5.69E-01	7.77E-01	6.78E-01
1386	387368.93, 3749098.71	20.51202	17.90085	5.28E-01	4.61E-01	6.86E-01	5.98E-01	8.17E-01	7.13E-01
1387	387368.93, 3749123.71	21.48885	18.75589	5.53E-01	4.83E-01	7.18E-01	6.27E-01	8.56E-01	7.47E-01
1388	387368.93, 3749148.71	22.46832	19.61374	5.79E-01	5.05E-01	7.51E-01	6.56E-01	8.95E-01	7.81E-01
1389	387368.93, 3749173.71	23.46381	20.48613	6.04E-01	5.28E-01	7.84E-01	6.85E-01	9.34E-01	8.16E-01
1390	387368.93, 3749198.71	24.4867	21.38318	6.31E-01	5.51E-01	8.18E-01	7.15E-01	9.75E-01	8.52E-01
1391	387368.93, 3749223.71	25.54951	22.31586	6.58E-01	5.75E-01	8.54E-01	7.46E-01	1.02E+00	8.89E-01
1392	387368.93, 3749248.71	26.66007	23.29154	6.87E-01	6.00E-01	8.91E-01	7.79E-01	1.06E+00	9.28E-01
1393	387368.93, 3749273.71	27.83353	24.32337	7.17E-01	6.26E-01	9.30E-01	8.13E-01	1.11E+00	9.69E-01
1394	387368.93, 3749298.71	29.08338	25.42339	7.49E-01	6.55E-01	9.72E-01	8.50E-01	1.16E+00	1.01E+00
1395	387368.93, 3749323.71	30.42424	26.60472	7.83E-01	6.85E-01	1.02E+00	8.89E-01	1.21E+00	1.06E+00
1396	387368.93, 3749348.71	31.87413	27.88348	8.21E-01	7.18E-01	1.07E+00	9.32E-01	1.27E+00	1.11E+00
1397	387368.93, 3749373.71	33.44612	29.27242	8.61E-01	7.54E-01	1.12E+00	9.78E-01	1.33E+00	1.17E+00
1398	387368.93, 3749398.71	35.16797	30.79625	9.06E-01	7.93E-01	1.18E+00	1.03E+00	1.40E+00	1.23E+00
1399	387368.93, 3749423.71	37.06804	32.48099	9.55E-01	8.36E-01	1.24E+00	1.09E+00	1.48E+00	1.29E+00

1400	387368.93, 3749448.71	39.17886	34.35706	1.01E+00	8.85E-01	1.31E+00	1.15E+00	1.56E+00	1.37E+00
1401	387368.93, 3749473.71	41.53675	36.45949	1.07E+00	9.39E-01	1.39E+00	1.22E+00	1.65E+00	1.45E+00
1402	387368.93, 3749498.71	44.17409	38.82253	1.14E+00	1.00E+00	1.48E+00	1.30E+00	1.76E+00	1.55E+00
1403	387368.93, 3749523.71	46.89258	41.30443	1.21E+00	1.06E+00	1.57E+00	1.38E+00	1.87E+00	1.64E+00
1404	387368.93, 3749548.71	49.68125	43.91054	1.28E+00	1.13E+00	1.66E+00	1.47E+00	1.98E+00	1.75E+00
1405	387368.93, 3749573.71	52.61137	46.71113	1.35E+00	1.20E+00	1.76E+00	1.56E+00	2.10E+00	1.86E+00
1406	387368.93, 3749598.71	56.12999	50.08198	1.45E+00	1.29E+00	1.88E+00	1.67E+00	2.24E+00	1.99E+00
1407	387368.93, 3749623.71	61.06037	54.73312	1.57E+00	1.41E+00	2.04E+00	1.83E+00	2.43E+00	2.18E+00
1408	387368.93, 3749648.71	68.69072	61.51893	1.77E+00	1.58E+00	2.30E+00	2.06E+00	2.74E+00	2.45E+00
1409	387368.93, 3749673.71	78.68884	69.73381	2.03E+00	1.80E+00	2.63E+00	2.33E+00	3.13E+00	2.78E+00
1410	387393.93, 3748973.71	19.67073	17.1851	5.07E-01	4.43E-01	6.58E-01	5.74E-01	7.83E-01	6.84E-01
1411	387393.93, 3748998.71	21.51466	18.79601	5.54E-01	4.84E-01	7.19E-01	6.28E-01	8.57E-01	7.48E-01
1412	387393.93, 3749023.71	23.18536	20.25894	5.97E-01	5.22E-01	7.75E-01	6.77E-01	9.23E-01	8.07E-01
1413	387393.93, 3749048.71	24.76277	21.64237	6.38E-01	5.57E-01	8.28E-01	7.23E-01	9.86E-01	8.62E-01
1414	387393.93, 3749073.71	26.31181	23.00195	6.78E-01	5.92E-01	8.80E-01	7.69E-01	1.05E+00	9.16E-01
1415	387393.93, 3749098.71	27.86908	24.37043	7.18E-01	6.28E-01	9.32E-01	8.15E-01	1.11E+00	9.70E-01
1416	387393.93, 3749123.71	29.46737	25.77701	7.59E-01	6.64E-01	9.85E-01	8.62E-01	1.17E+00	1.03E+00
1417	387393.93, 3749148.71	31.13751	27.24922	8.02E-01	7.02E-01	1.04E+00	9.11E-01	1.24E+00	1.09E+00
1418	387393.93, 3749173.71	32.90707	28.81215	8.47E-01	7.42E-01	1.10E+00	9.63E-01	1.31E+00	1.15E+00
1419	387393.93, 3749198.71	34.80026	30.48873	8.96E-01	7.85E-01	1.16E+00	1.02E+00	1.39E+00	1.21E+00
1420	387393.93, 3749223.71	36.8675	32.32296	9.49E-01	8.32E-01	1.23E+00	1.08E+00	1.47E+00	1.29E+00
1421	387393.93, 3749248.71	39.15929	34.36007	1.01E+00	8.85E-01	1.31E+00	1.15E+00	1.56E+00	1.37E+00
1422	387393.93, 3749273.71	41.68409	36.61454	1.07E+00	9.43E-01	1.39E+00	1.22E+00	1.66E+00	1.46E+00
1423	387393.93, 3749298.71	44.45915	39.11012	1.14E+00	1.01E+00	1.49E+00	1.31E+00	1.77E+00	1.56E+00
1424	387393.93, 3749323.71	47.50982	41.88026	1.22E+00	1.08E+00	1.59E+00	1.40E+00	1.89E+00	1.67E+00
1425	387393.93, 3749348.71	50.87451	44.97336	1.31E+00	1.16E+00	1.70E+00	1.50E+00	2.03E+00	1.79E+00
1426	387393.93, 3749373.71	54.57667	48.43162	1.41E+00	1.25E+00	1.82E+00	1.62E+00	2.17E+00	1.93E+00
1427	387393.93, 3749398.71	58.97876	52.57541	1.52E+00	1.35E+00	1.97E+00	1.76E+00	2.35E+00	2.09E+00
1428	387393.93, 3749423.71	64.48922	57.78656	1.66E+00	1.49E+00	2.16E+00	1.93E+00	2.57E+00	2.30E+00
1429	387393.93, 3749448.71	72.35903	64.63818	1.86E+00	1.66E+00	2.42E+00	2.16E+00	2.88E+00	2.57E+00
1430	387418.93, 3748973.71	28.83556	25.26975	7.43E-01	6.51E-01	9.64E-01	8.45E-01	1.15E+00	1.01E+00
1431	387418.93, 3748998.71	31.848	27.92435	8.20E-01	7.19E-01	1.06E+00	9.33E-01	1.27E+00	1.11E+00
1432	387418.93, 3749023.71	34.72964	30.47082	8.94E-01	7.85E-01	1.16E+00	1.02E+00	1.38E+00	1.21E+00
1433	387418.93, 3749048.71	37.63278	33.04563	9.69E-01	8.51E-01	1.26E+00	1.10E+00	1.50E+00	1.32E+00
1434	387418.93, 3749073.71	40.66697	35.74928	1.05E+00	9.21E-01	1.36E+00	1.19E+00	1.62E+00	1.42E+00
1435	387418.93, 3749098.71	43.93808	38.67969	1.13E+00	9.96E-01	1.47E+00	1.29E+00	1.75E+00	1.54E+00

1436	387418.93, 3749123.71	47.5493	41.93564	1.22E+00	1.08E+00	1.59E+00	1.40E+00	1.89E+00	1.67E+00
1437	387418.93, 3749148.71	51.55687	45.58491	1.33E+00	1.17E+00	1.72E+00	1.52E+00	2.05E+00	1.82E+00
1438	387418.93, 3749173.71	56.04098	49.72238	1.44E+00	1.28E+00	1.87E+00	1.66E+00	2.23E+00	1.98E+00
1439	387418.93, 3749198.71	61.24239	54.5832	1.58E+00	1.41E+00	2.05E+00	1.82E+00	2.44E+00	2.17E+00
1440	387418.93, 3749223.71	67.62299	60.60378	1.74E+00	1.56E+00	2.26E+00	2.03E+00	2.69E+00	2.41E+00
1441	387418.93, 3749248.71	76.67249	68.38899	1.97E+00	1.76E+00	2.56E+00	2.29E+00	3.05E+00	2.72E+00
1442	387443.93, 3748973.71	53.49814	47.52842	1.38E+00	1.22E+00	1.79E+00	1.59E+00	2.13E+00	1.89E+00
1443	387443.93, 3748998.71	61.01117	54.41028	1.57E+00	1.40E+00	2.04E+00	1.82E+00	2.43E+00	2.17E+00
1444	387443.93, 3749023.71	69.34188	62.17782	1.79E+00	1.60E+00	2.32E+00	2.08E+00	2.76E+00	2.48E+00
1445	387443.93, 3749048.71	80.28783	71.45341	2.07E+00	1.84E+00	2.68E+00	2.39E+00	3.20E+00	2.85E+00
1446	386594.45, 3751402.42	4.2749	3.49479	1.10E-01	9.00E-02	1.43E-01	1.17E-01	1.70E-01	1.39E-01
1447	386594.45, 3751452.42	4.27786	3.49934	1.10E-01	9.01E-02	1.43E-01	1.17E-01	1.70E-01	1.39E-01
1448	386594.45, 3751502.42	4.27803	3.50183	1.10E-01	9.02E-02	1.43E-01	1.17E-01	1.70E-01	1.39E-01
1449	386594.45, 3751552.42	4.27472	3.50175	1.10E-01	9.02E-02	1.43E-01	1.17E-01	1.70E-01	1.39E-01
1450	386594.45, 3751602.42	4.26754	3.4988	1.10E-01	9.01E-02	1.43E-01	1.17E-01	1.70E-01	1.39E-01
1451	386594.45, 3751652.42	4.25689	3.49325	1.10E-01	9.00E-02	1.42E-01	1.17E-01	1.70E-01	1.39E-01
1452	386594.45, 3751702.42	4.24244	3.48438	1.09E-01	8.97E-02	1.42E-01	1.16E-01	1.69E-01	1.39E-01
1453	386594.45, 3751752.42	4.22464	3.47061	1.09E-01	8.94E-02	1.41E-01	1.16E-01	1.68E-01	1.38E-01
1454	386594.45, 3751802.42	4.2025	3.44478	1.08E-01	8.87E-02	1.40E-01	1.15E-01	1.67E-01	1.37E-01
1455	386594.45, 3751852.42	4.18346	3.39077	1.08E-01	8.73E-02	1.40E-01	1.13E-01	1.67E-01	1.35E-01
1456	386644.45, 3750852.42	4.39408	3.58205	1.13E-01	9.22E-02	1.47E-01	1.20E-01	1.75E-01	1.43E-01
1457	386644.45, 3750902.42	4.41915	3.59762	1.14E-01	9.26E-02	1.48E-01	1.20E-01	1.76E-01	1.43E-01
1458	386644.45, 3750952.42	4.44309	3.61786	1.14E-01	9.32E-02	1.49E-01	1.21E-01	1.77E-01	1.44E-01
1459	386644.45, 3751002.42	4.46399	3.63566	1.15E-01	9.36E-02	1.49E-01	1.22E-01	1.78E-01	1.45E-01
1460	386644.45, 3751052.42	4.48289	3.65181	1.15E-01	9.40E-02	1.50E-01	1.22E-01	1.79E-01	1.45E-01
1461	386644.45, 3751102.42	4.48194	3.65431	1.15E-01	9.41E-02	1.50E-01	1.22E-01	1.78E-01	1.46E-01
1462	386644.45, 3751152.42	4.51188	3.67864	1.16E-01	9.47E-02	1.51E-01	1.23E-01	1.80E-01	1.46E-01
1463	386644.45, 3751202.42	4.54056	3.70228	1.17E-01	9.53E-02	1.52E-01	1.24E-01	1.81E-01	1.47E-01
1464	386644.45, 3751252.42	4.55756	3.71792	1.17E-01	9.57E-02	1.52E-01	1.24E-01	1.81E-01	1.48E-01
1465	386644.45, 3751302.42	4.57421	3.73341	1.18E-01	9.61E-02	1.53E-01	1.25E-01	1.82E-01	1.49E-01
1466	386644.45, 3751352.42	4.58531	3.74453	1.18E-01	9.64E-02	1.53E-01	1.25E-01	1.83E-01	1.49E-01
1467	386644.45, 3751402.42	4.59503	3.75457	1.18E-01	9.67E-02	1.54E-01	1.26E-01	1.83E-01	1.50E-01
1468	386644.45, 3751452.42	4.60111	3.76182	1.18E-01	9.69E-02	1.54E-01	1.26E-01	1.83E-01	1.50E-01
1469	386644.45, 3751502.42	4.60413	3.76684	1.19E-01	9.70E-02	1.54E-01	1.26E-01	1.83E-01	1.50E-01
1470	386644.45, 3751552.42	4.60284	3.7687	1.19E-01	9.70E-02	1.54E-01	1.26E-01	1.83E-01	1.50E-01
1471	386644.45, 3751602.42	4.59692	3.76717	1.18E-01	9.70E-02	1.54E-01	1.26E-01	1.83E-01	1.50E-01

1472	386644.45, 3751652.42	4.58652	3.76229	1.18E-01	9.69E-02	1.53E-01	1.26E-01	1.83E-01	1.50E-01
1473	386644.45, 3751702.42	4.57096	3.75326	1.18E-01	9.66E-02	1.53E-01	1.25E-01	1.82E-01	1.49E-01
1474	386644.45, 3751752.42	4.55073	3.73882	1.17E-01	9.63E-02	1.52E-01	1.25E-01	1.81E-01	1.49E-01
1475	386644.45, 3751802.42	4.52516	3.71188	1.17E-01	9.56E-02	1.51E-01	1.24E-01	1.80E-01	1.48E-01
1476	386644.45, 3751852.42	4.49559	3.65358	1.16E-01	9.41E-02	1.50E-01	1.22E-01	1.79E-01	1.45E-01
1477	386694.45, 3750252.42	4.31649	3.55565	1.11E-01	9.16E-02	1.44E-01	1.19E-01	1.72E-01	1.42E-01
1478	386694.45, 3750302.42	4.3514	3.59443	1.12E-01	9.26E-02	1.45E-01	1.20E-01	1.73E-01	1.43E-01
1479	386694.45, 3750352.42	4.38602	3.63188	1.13E-01	9.35E-02	1.47E-01	1.21E-01	1.75E-01	1.45E-01
1480	386694.45, 3750402.42	4.42026	3.66797	1.14E-01	9.45E-02	1.48E-01	1.23E-01	1.76E-01	1.46E-01
1481	386694.45, 3750452.42	4.45442	3.70272	1.15E-01	9.53E-02	1.49E-01	1.24E-01	1.77E-01	1.47E-01
1482	386694.45, 3750502.42	4.48865	3.73609	1.16E-01	9.62E-02	1.50E-01	1.25E-01	1.79E-01	1.49E-01
1483	386694.45, 3750552.42	4.52224	3.76799	1.16E-01	9.70E-02	1.51E-01	1.26E-01	1.80E-01	1.50E-01
1484	386694.45, 3750602.42	4.55464	3.79829	1.17E-01	9.78E-02	1.52E-01	1.27E-01	1.81E-01	1.51E-01
1485	386694.45, 3750652.42	4.58764	3.8271	1.18E-01	9.86E-02	1.53E-01	1.28E-01	1.83E-01	1.52E-01
1486	386694.45, 3750702.42	4.61862	3.85407	1.19E-01	9.92E-02	1.54E-01	1.29E-01	1.84E-01	1.53E-01
1487	386694.45, 3750752.42	4.65064	3.8794	1.20E-01	9.99E-02	1.55E-01	1.30E-01	1.85E-01	1.54E-01
1488	386694.45, 3750802.42	4.68178	3.90274	1.21E-01	1.00E-01	1.56E-01	1.30E-01	1.86E-01	1.55E-01
1489	386694.45, 3750852.42	4.71206	3.92393	1.21E-01	1.01E-01	1.58E-01	1.31E-01	1.88E-01	1.56E-01
1490	386694.45, 3750902.42	4.74388	3.94299	1.22E-01	1.02E-01	1.59E-01	1.32E-01	1.89E-01	1.57E-01
1491	386694.45, 3750952.42	4.77395	3.95934	1.23E-01	1.02E-01	1.60E-01	1.32E-01	1.90E-01	1.58E-01
1492	386694.45, 3751002.42	4.79933	3.97244	1.24E-01	1.02E-01	1.60E-01	1.33E-01	1.91E-01	1.58E-01
1493	386694.45, 3751052.42	4.82294	3.98221	1.24E-01	1.03E-01	1.61E-01	1.33E-01	1.92E-01	1.59E-01
1494	386694.45, 3751102.42	4.79288	3.98756	1.23E-01	1.03E-01	1.60E-01	1.33E-01	1.91E-01	1.59E-01
1495	386694.45, 3751152.42	4.85574	3.99078	1.25E-01	1.03E-01	1.62E-01	1.33E-01	1.93E-01	1.59E-01
1496	386694.45, 3751202.42	4.89607	3.99025	1.26E-01	1.03E-01	1.64E-01	1.33E-01	1.95E-01	1.59E-01
1497	386694.45, 3751252.42	4.91851	4.01054	1.27E-01	1.03E-01	1.64E-01	1.34E-01	1.96E-01	1.60E-01
1498	386694.45, 3751302.42	4.94079	4.03082	1.27E-01	1.04E-01	1.65E-01	1.35E-01	1.97E-01	1.61E-01
1499	386694.45, 3751352.42	4.95733	4.04653	1.28E-01	1.04E-01	1.66E-01	1.35E-01	1.97E-01	1.61E-01
1500	386694.45, 3751402.42	4.97267	4.06126	1.28E-01	1.05E-01	1.66E-01	1.36E-01	1.98E-01	1.62E-01
1501	386694.45, 3751452.42	4.98408	4.07299	1.28E-01	1.05E-01	1.67E-01	1.36E-01	1.98E-01	1.62E-01
1502	386694.45, 3751502.42	4.99061	4.08112	1.29E-01	1.05E-01	1.67E-01	1.36E-01	1.99E-01	1.63E-01
1503	386694.45, 3751552.42	4.99261	4.08604	1.29E-01	1.05E-01	1.67E-01	1.37E-01	1.99E-01	1.63E-01
1504	386694.45, 3751602.42	4.9891	4.08691	1.28E-01	1.05E-01	1.67E-01	1.37E-01	1.99E-01	1.63E-01
1505	386694.45, 3751652.42	4.97897	4.08278	1.28E-01	1.05E-01	1.66E-01	1.36E-01	1.98E-01	1.63E-01
1506	386694.45, 3751702.42	4.96312	4.07427	1.28E-01	1.05E-01	1.66E-01	1.36E-01	1.98E-01	1.62E-01
1507	386694.45, 3751752.42	4.94101	4.0598	1.27E-01	1.05E-01	1.65E-01	1.36E-01	1.97E-01	1.62E-01

1508	386694.45, 3751802.42	4.91172	4.03216	1.26E-01	1.04E-01	1.64E-01	1.35E-01	1.96E-01	1.61E-01
1509	386694.45, 3751852.42	4.87175	3.96921	1.25E-01	1.02E-01	1.63E-01	1.33E-01	1.94E-01	1.58E-01
1510	386744.45, 3749702.42	4.13917	3.38355	1.07E-01	8.71E-02	1.38E-01	1.13E-01	1.65E-01	1.35E-01
1511	386744.45, 3749752.42	4.18892	3.41775	1.08E-01	8.80E-02	1.40E-01	1.14E-01	1.67E-01	1.36E-01
1512	386744.45, 3749802.42	4.23743	3.45338	1.09E-01	8.89E-02	1.42E-01	1.15E-01	1.69E-01	1.38E-01
1513	386744.45, 3749852.42	4.28216	3.48726	1.10E-01	8.98E-02	1.43E-01	1.17E-01	1.71E-01	1.39E-01
1514	386744.45, 3749902.42	4.32702	3.52509	1.11E-01	9.08E-02	1.45E-01	1.18E-01	1.72E-01	1.40E-01
1515	386744.45, 3749952.42	4.36914	3.57975	1.13E-01	9.22E-02	1.46E-01	1.20E-01	1.74E-01	1.43E-01
1516	386744.45, 3750002.42	4.4118	3.63297	1.14E-01	9.36E-02	1.47E-01	1.21E-01	1.76E-01	1.45E-01
1517	386744.45, 3750052.42	4.45305	3.68458	1.15E-01	9.49E-02	1.49E-01	1.23E-01	1.77E-01	1.47E-01
1518	386744.45, 3750102.42	4.49455	3.73482	1.16E-01	9.62E-02	1.50E-01	1.25E-01	1.79E-01	1.49E-01
1519	386744.45, 3750152.42	4.53499	3.7836	1.17E-01	9.74E-02	1.52E-01	1.26E-01	1.81E-01	1.51E-01
1520	386744.45, 3750202.42	4.57559	3.83109	1.18E-01	9.87E-02	1.53E-01	1.28E-01	1.82E-01	1.53E-01
1521	386744.45, 3750252.42	4.61567	3.87725	1.19E-01	9.98E-02	1.54E-01	1.30E-01	1.84E-01	1.54E-01
1522	386744.45, 3750302.42	4.65575	3.92216	1.20E-01	1.01E-01	1.56E-01	1.31E-01	1.85E-01	1.56E-01
1523	386744.45, 3750352.42	4.69624	3.96583	1.21E-01	1.02E-01	1.57E-01	1.33E-01	1.87E-01	1.58E-01
1524	386744.45, 3750402.42	4.73671	4.00822	1.22E-01	1.03E-01	1.58E-01	1.34E-01	1.89E-01	1.60E-01
1525	386744.45, 3750452.42	4.77781	4.04945	1.23E-01	1.04E-01	1.60E-01	1.35E-01	1.90E-01	1.61E-01
1526	386744.45, 3750502.42	4.81819	4.08932	1.24E-01	1.05E-01	1.61E-01	1.37E-01	1.92E-01	1.63E-01
1527	386744.45, 3750552.42	4.85695	4.12772	1.25E-01	1.06E-01	1.62E-01	1.38E-01	1.93E-01	1.64E-01
1528	386744.45, 3750602.42	4.89544	4.16473	1.26E-01	1.07E-01	1.64E-01	1.39E-01	1.95E-01	1.66E-01
1529	386744.45, 3750652.42	4.93523	4.20046	1.27E-01	1.08E-01	1.65E-01	1.40E-01	1.97E-01	1.67E-01
1530	386744.45, 3750702.42	4.97257	4.23439	1.28E-01	1.09E-01	1.66E-01	1.42E-01	1.98E-01	1.69E-01
1531	386744.45, 3750752.42	5.01106	4.26681	1.29E-01	1.10E-01	1.68E-01	1.43E-01	2.00E-01	1.70E-01
1532	386744.45, 3750802.42	5.04844	4.29732	1.30E-01	1.11E-01	1.69E-01	1.44E-01	2.01E-01	1.71E-01
1533	386744.45, 3750852.42	5.08528	4.32579	1.31E-01	1.11E-01	1.70E-01	1.45E-01	2.03E-01	1.72E-01
1534	386744.45, 3750902.42	5.1216	4.35203	1.32E-01	1.12E-01	1.71E-01	1.45E-01	2.04E-01	1.73E-01
1535	386744.45, 3750952.42	5.15432	4.37543	1.33E-01	1.13E-01	1.72E-01	1.46E-01	2.05E-01	1.74E-01
1536	386744.45, 3751002.42	5.19211	4.39671	1.34E-01	1.13E-01	1.74E-01	1.47E-01	2.07E-01	1.75E-01
1537	386744.45, 3751052.42	5.22704	4.41449	1.35E-01	1.14E-01	1.75E-01	1.48E-01	2.08E-01	1.76E-01
1538	386744.45, 3751102.42	5.25559	4.42805	1.35E-01	1.14E-01	1.76E-01	1.48E-01	2.09E-01	1.76E-01
1539	386744.45, 3751152.42	5.24169	4.43673	1.35E-01	1.14E-01	1.75E-01	1.48E-01	2.09E-01	1.77E-01
1540	386744.45, 3751202.42	5.27579	4.44194	1.36E-01	1.14E-01	1.76E-01	1.48E-01	2.10E-01	1.77E-01
1541	386744.45, 3751252.42	5.34876	4.44284	1.38E-01	1.14E-01	1.79E-01	1.49E-01	2.13E-01	1.77E-01
1542	386744.45, 3751302.42	5.37691	4.43599	1.38E-01	1.14E-01	1.80E-01	1.48E-01	2.14E-01	1.77E-01
1543	386744.45, 3751352.42	5.4002	4.42128	1.39E-01	1.14E-01	1.81E-01	1.48E-01	2.15E-01	1.76E-01

1544	386744.45, 3751402.42	5.42401	4.42818	1.40E-01	1.14E-01	1.81E-01	1.48E-01	2.16E-01	1.76E-01
1545	386744.45, 3751452.42	5.44351	4.44663	1.40E-01	1.15E-01	1.82E-01	1.49E-01	2.17E-01	1.77E-01
1546	386744.45, 3751502.42	5.45684	4.46062	1.41E-01	1.15E-01	1.82E-01	1.49E-01	2.17E-01	1.78E-01
1547	386744.45, 3751552.42	5.46367	4.46993	1.41E-01	1.15E-01	1.83E-01	1.49E-01	2.18E-01	1.78E-01
1548	386744.45, 3751602.42	5.46366	4.47418	1.41E-01	1.15E-01	1.83E-01	1.50E-01	2.18E-01	1.78E-01
1549	386744.45, 3751652.42	5.45606	4.47268	1.40E-01	1.15E-01	1.82E-01	1.50E-01	2.17E-01	1.78E-01
1550	386744.45, 3751702.42	5.44055	4.46524	1.40E-01	1.15E-01	1.82E-01	1.49E-01	2.17E-01	1.78E-01
1551	386744.45, 3751752.42	5.41713	4.45134	1.39E-01	1.15E-01	1.81E-01	1.49E-01	2.16E-01	1.77E-01
1552	386744.45, 3751802.42	5.38329	4.42306	1.39E-01	1.14E-01	1.80E-01	1.48E-01	2.14E-01	1.76E-01
1553	386744.45, 3751852.42	5.33702	4.35649	1.37E-01	1.12E-01	1.78E-01	1.46E-01	2.13E-01	1.73E-01
1554	386794.45, 3749152.42	3.59369	2.75101	9.25E-02	7.08E-02	1.20E-01	9.20E-02	1.43E-01	1.10E-01
1555	386794.45, 3749202.42	3.70194	2.91462	9.53E-02	7.51E-02	1.24E-01	9.74E-02	1.47E-01	1.16E-01
1556	386794.45, 3749252.42	3.78819	3.03895	9.75E-02	7.83E-02	1.27E-01	1.02E-01	1.51E-01	1.21E-01
1557	386794.45, 3749302.42	3.86799	3.13394	9.96E-02	8.07E-02	1.29E-01	1.05E-01	1.54E-01	1.25E-01
1558	386794.45, 3749352.42	3.94678	3.20729	1.02E-01	8.26E-02	1.32E-01	1.07E-01	1.57E-01	1.28E-01
1559	386794.45, 3749402.42	4.01241	3.26923	1.03E-01	8.42E-02	1.34E-01	1.09E-01	1.60E-01	1.30E-01
1560	386794.45, 3749452.42	4.08174	3.34092	1.05E-01	8.60E-02	1.36E-01	1.12E-01	1.63E-01	1.33E-01
1561	386794.45, 3749502.42	4.16859	3.41288	1.07E-01	8.79E-02	1.39E-01	1.14E-01	1.66E-01	1.36E-01
1562	386794.45, 3749552.42	4.24399	3.47496	1.09E-01	8.95E-02	1.42E-01	1.16E-01	1.69E-01	1.38E-01
1563	386794.45, 3749602.42	4.30626	3.52563	1.11E-01	9.08E-02	1.44E-01	1.18E-01	1.71E-01	1.40E-01
1564	386794.45, 3749652.42	4.36451	3.568	1.12E-01	9.19E-02	1.46E-01	1.19E-01	1.74E-01	1.42E-01
1565	386794.45, 3749702.42	4.42382	3.60918	1.14E-01	9.29E-02	1.48E-01	1.21E-01	1.76E-01	1.44E-01
1566	386794.45, 3749752.42	4.4785	3.65265	1.15E-01	9.41E-02	1.50E-01	1.22E-01	1.78E-01	1.45E-01
1567	386794.45, 3749802.42	4.53199	3.72014	1.17E-01	9.58E-02	1.51E-01	1.24E-01	1.80E-01	1.48E-01
1568	386794.45, 3749852.42	4.58075	3.78537	1.18E-01	9.75E-02	1.53E-01	1.27E-01	1.82E-01	1.51E-01
1569	386794.45, 3749902.42	4.63102	3.84909	1.19E-01	9.91E-02	1.55E-01	1.29E-01	1.84E-01	1.53E-01
1570	386794.45, 3749952.42	4.67883	3.91094	1.20E-01	1.01E-01	1.56E-01	1.31E-01	1.86E-01	1.56E-01
1571	386794.45, 3750002.42	4.72734	3.97135	1.22E-01	1.02E-01	1.58E-01	1.33E-01	1.88E-01	1.58E-01
1572	386794.45, 3750052.42	4.77418	4.03014	1.23E-01	1.04E-01	1.60E-01	1.35E-01	1.90E-01	1.60E-01
1573	386794.45, 3750102.42	4.82212	4.08769	1.24E-01	1.05E-01	1.61E-01	1.37E-01	1.92E-01	1.63E-01
1574	386794.45, 3750152.42	4.87092	4.14388	1.25E-01	1.07E-01	1.63E-01	1.39E-01	1.94E-01	1.65E-01
1575	386794.45, 3750202.42	4.91966	4.19882	1.27E-01	1.08E-01	1.64E-01	1.40E-01	1.96E-01	1.67E-01
1576	386794.45, 3750252.42	4.9676	4.25252	1.28E-01	1.10E-01	1.66E-01	1.42E-01	1.98E-01	1.69E-01
1577	386794.45, 3750302.42	5.01576	4.30512	1.29E-01	1.11E-01	1.68E-01	1.44E-01	2.00E-01	1.71E-01
1578	386794.45, 3750352.42	5.06438	4.35668	1.30E-01	1.12E-01	1.69E-01	1.46E-01	2.02E-01	1.73E-01
1579	386794.45, 3750402.42	5.11239	4.40708	1.32E-01	1.13E-01	1.71E-01	1.47E-01	2.04E-01	1.75E-01

1580	386794.45, 3750452.42	5.16054	4.45641	1.33E-01	1.15E-01	1.72E-01	1.49E-01	2.06E-01	1.77E-01
1581	386794.45, 3750502.42	5.21283	4.5046	1.34E-01	1.16E-01	1.74E-01	1.51E-01	2.08E-01	1.79E-01
1582	386794.45, 3750552.42	5.26704	4.55156	1.36E-01	1.17E-01	1.76E-01	1.52E-01	2.10E-01	1.81E-01
1583	386794.45, 3750602.42	5.31984	4.59733	1.37E-01	1.18E-01	1.78E-01	1.54E-01	2.12E-01	1.83E-01
1584	386794.45, 3750652.42	5.3714	4.64195	1.38E-01	1.20E-01	1.80E-01	1.55E-01	2.14E-01	1.85E-01
1585	386794.45, 3750702.42	5.42112	4.68507	1.40E-01	1.21E-01	1.81E-01	1.57E-01	2.16E-01	1.87E-01
1586	386794.45, 3750752.42	5.46934	4.72683	1.41E-01	1.22E-01	1.83E-01	1.58E-01	2.18E-01	1.88E-01
1587	386794.45, 3750802.42	5.51562	4.76695	1.42E-01	1.23E-01	1.84E-01	1.59E-01	2.20E-01	1.90E-01
1588	386794.45, 3750852.42	5.55973	4.80522	1.43E-01	1.24E-01	1.86E-01	1.61E-01	2.21E-01	1.91E-01
1589	386794.45, 3750902.42	5.60149	4.84147	1.44E-01	1.25E-01	1.87E-01	1.62E-01	2.23E-01	1.93E-01
1590	386794.45, 3750952.42	5.64062	4.87544	1.45E-01	1.26E-01	1.89E-01	1.63E-01	2.25E-01	1.94E-01
1591	386794.45, 3751002.42	5.6768	4.90684	1.46E-01	1.26E-01	1.90E-01	1.64E-01	2.26E-01	1.95E-01
1592	386794.45, 3751052.42	5.71416	4.93519	1.47E-01	1.27E-01	1.91E-01	1.65E-01	2.28E-01	1.97E-01
1593	386794.45, 3751102.42	5.75571	4.95995	1.48E-01	1.28E-01	1.92E-01	1.66E-01	2.29E-01	1.98E-01
1594	386794.45, 3751152.42	5.79563	4.98063	1.49E-01	1.28E-01	1.94E-01	1.66E-01	2.31E-01	1.98E-01
1595	386794.45, 3751202.42	5.83418	4.99655	1.50E-01	1.29E-01	1.95E-01	1.67E-01	2.32E-01	1.99E-01
1596	386794.45, 3751252.42	5.8706	5.00675	1.51E-01	1.29E-01	1.96E-01	1.67E-01	2.34E-01	1.99E-01
1597	386794.45, 3751302.42	5.90587	5.01012	1.52E-01	1.29E-01	1.97E-01	1.67E-01	2.35E-01	2.00E-01
1598	386794.45, 3751352.42	5.94332	5.00569	1.53E-01	1.29E-01	1.99E-01	1.67E-01	2.37E-01	1.99E-01
1599	386794.45, 3751402.42	5.97702	4.99157	1.54E-01	1.29E-01	2.00E-01	1.67E-01	2.38E-01	1.99E-01
1600	386794.45, 3751452.42	6.00567	4.96577	1.55E-01	1.28E-01	2.01E-01	1.66E-01	2.39E-01	1.98E-01
1601	386794.45, 3751502.42	6.02802	4.92613	1.55E-01	1.27E-01	2.01E-01	1.65E-01	2.40E-01	1.96E-01
1602	386794.45, 3751552.42	6.04383	4.94337	1.56E-01	1.27E-01	2.02E-01	1.65E-01	2.41E-01	1.97E-01
1603	386794.45, 3751602.42	6.0526	4.95544	1.56E-01	1.28E-01	2.02E-01	1.66E-01	2.41E-01	1.97E-01
1604	386794.45, 3751652.42	6.05205	4.96036	1.56E-01	1.28E-01	2.02E-01	1.66E-01	2.41E-01	1.98E-01
1605	386794.45, 3751702.42	6.03961	4.95635	1.56E-01	1.28E-01	2.02E-01	1.66E-01	2.41E-01	1.97E-01
1606	386794.45, 3751752.42	6.01454	4.94278	1.55E-01	1.27E-01	2.01E-01	1.65E-01	2.40E-01	1.97E-01
1607	386794.45, 3751802.42	5.97516	4.9138	1.54E-01	1.27E-01	2.00E-01	1.64E-01	2.38E-01	1.96E-01
1608	386794.45, 3751852.42	5.92083	4.84429	1.52E-01	1.25E-01	1.98E-01	1.62E-01	2.36E-01	1.93E-01
1609	386844.45, 3749002.42	3.17101	2.5177	8.17E-02	6.48E-02	1.06E-01	8.42E-02	1.26E-01	1.00E-01
1610	386844.45, 3749052.42	3.47156	2.63692	8.94E-02	6.79E-02	1.16E-01	8.81E-02	1.38E-01	1.05E-01
1611	386844.45, 3749102.42	3.69185	2.76086	9.51E-02	7.11E-02	1.23E-01	9.23E-02	1.47E-01	1.10E-01
1612	386844.45, 3749152.42	3.84651	2.9798	9.91E-02	7.67E-02	1.29E-01	9.96E-02	1.53E-01	1.19E-01
1613	386844.45, 3749202.42	3.9597	3.14765	1.02E-01	8.11E-02	1.32E-01	1.05E-01	1.58E-01	1.25E-01
1614	386844.45, 3749252.42	4.04907	3.27131	1.04E-01	8.42E-02	1.35E-01	1.09E-01	1.61E-01	1.30E-01
1615	386844.45, 3749302.42	4.1404	3.36576	1.07E-01	8.67E-02	1.38E-01	1.13E-01	1.65E-01	1.34E-01

1616	386844.45, 3749352.42	4.22098	3.44126	1.09E-01	8.86E-02	1.41E-01	1.15E-01	1.68E-01	1.37E-01
1617	386844.45, 3749402.42	4.2895	3.51015	1.10E-01	9.04E-02	1.43E-01	1.17E-01	1.71E-01	1.40E-01
1618	386844.45, 3749452.42	4.39845	3.59995	1.13E-01	9.27E-02	1.47E-01	1.20E-01	1.75E-01	1.43E-01
1619	386844.45, 3749502.42	4.48434	3.67054	1.15E-01	9.45E-02	1.50E-01	1.23E-01	1.79E-01	1.46E-01
1620	386844.45, 3749552.42	4.5545	3.72752	1.17E-01	9.60E-02	1.52E-01	1.25E-01	1.81E-01	1.48E-01
1621	386844.45, 3749602.42	4.61921	3.77689	1.19E-01	9.73E-02	1.54E-01	1.26E-01	1.84E-01	1.50E-01
1622	386844.45, 3749652.42	4.68815	3.84689	1.21E-01	9.91E-02	1.57E-01	1.29E-01	1.87E-01	1.53E-01
1623	386844.45, 3749702.42	4.7537	3.92777	1.22E-01	1.01E-01	1.59E-01	1.31E-01	1.89E-01	1.56E-01
1624	386844.45, 3749752.42	4.81407	4.00612	1.24E-01	1.03E-01	1.61E-01	1.34E-01	1.92E-01	1.60E-01
1625	386844.45, 3749802.42	4.87236	4.08232	1.25E-01	1.05E-01	1.63E-01	1.36E-01	1.94E-01	1.63E-01
1626	386844.45, 3749852.42	4.92811	4.15639	1.27E-01	1.07E-01	1.65E-01	1.39E-01	1.96E-01	1.66E-01
1627	386844.45, 3749902.42	4.98457	4.22883	1.28E-01	1.09E-01	1.67E-01	1.41E-01	1.98E-01	1.68E-01
1628	386844.45, 3749952.42	5.04176	4.29956	1.30E-01	1.11E-01	1.69E-01	1.44E-01	2.01E-01	1.71E-01
1629	386844.45, 3750002.42	5.10001	4.36879	1.31E-01	1.13E-01	1.70E-01	1.46E-01	2.03E-01	1.74E-01
1630	386844.45, 3750052.42	5.15738	4.43662	1.33E-01	1.14E-01	1.72E-01	1.48E-01	2.05E-01	1.77E-01
1631	386844.45, 3750102.42	5.2149	4.50325	1.34E-01	1.16E-01	1.74E-01	1.51E-01	2.08E-01	1.79E-01
1632	386844.45, 3750152.42	5.28674	4.56871	1.36E-01	1.18E-01	1.77E-01	1.53E-01	2.11E-01	1.82E-01
1633	386844.45, 3750202.42	5.36116	4.63312	1.38E-01	1.19E-01	1.79E-01	1.55E-01	2.13E-01	1.84E-01
1634	386844.45, 3750252.42	5.43446	4.69655	1.40E-01	1.21E-01	1.82E-01	1.57E-01	2.16E-01	1.87E-01
1635	386844.45, 3750302.42	5.50671	4.75907	1.42E-01	1.23E-01	1.84E-01	1.59E-01	2.19E-01	1.90E-01
1636	386844.45, 3750352.42	5.57804	4.82077	1.44E-01	1.24E-01	1.86E-01	1.61E-01	2.22E-01	1.92E-01
1637	386844.45, 3750402.42	5.64841	4.88164	1.45E-01	1.26E-01	1.89E-01	1.63E-01	2.25E-01	1.94E-01
1638	386844.45, 3750452.42	5.71736	4.94143	1.47E-01	1.27E-01	1.91E-01	1.65E-01	2.28E-01	1.97E-01
1639	386844.45, 3750502.42	5.78559	5.00054	1.49E-01	1.29E-01	1.93E-01	1.67E-01	2.30E-01	1.99E-01
1640	386844.45, 3750552.42	5.85311	5.05896	1.51E-01	1.30E-01	1.96E-01	1.69E-01	2.33E-01	2.01E-01
1641	386844.45, 3750602.42	5.91931	5.11635	1.52E-01	1.32E-01	1.98E-01	1.71E-01	2.36E-01	2.04E-01
1642	386844.45, 3750652.42	5.98463	5.17293	1.54E-01	1.33E-01	2.00E-01	1.73E-01	2.38E-01	2.06E-01
1643	386844.45, 3750702.42	6.04857	5.22839	1.56E-01	1.35E-01	2.02E-01	1.75E-01	2.41E-01	2.08E-01
1644	386844.45, 3750752.42	6.11138	5.28284	1.57E-01	1.36E-01	2.04E-01	1.77E-01	2.43E-01	2.10E-01
1645	386844.45, 3750802.42	6.17268	5.33602	1.59E-01	1.37E-01	2.06E-01	1.78E-01	2.46E-01	2.12E-01
1646	386844.45, 3750852.42	6.23234	5.3878	1.60E-01	1.39E-01	2.08E-01	1.80E-01	2.48E-01	2.15E-01
1647	386844.45, 3750902.42	6.2902	5.43801	1.62E-01	1.40E-01	2.10E-01	1.82E-01	2.50E-01	2.17E-01
1648	386844.45, 3750952.42	6.3457	5.48625	1.63E-01	1.41E-01	2.12E-01	1.83E-01	2.53E-01	2.18E-01
1649	386844.45, 3751002.42	6.39891	5.53243	1.65E-01	1.42E-01	2.14E-01	1.85E-01	2.55E-01	2.20E-01
1650	386844.45, 3751052.42	6.44873	5.57581	1.66E-01	1.44E-01	2.16E-01	1.86E-01	2.57E-01	2.22E-01
1651	386844.45, 3751102.42	6.49465	5.61592	1.67E-01	1.45E-01	2.17E-01	1.88E-01	2.59E-01	2.24E-01

1652	386844.45, 3751152.42	6.53702	5.65273	1.68E-01	1.46E-01	2.19E-01	1.89E-01	2.60E-01	2.25E-01
1653	386844.45, 3751202.42	6.57357	5.68471	1.69E-01	1.46E-01	2.20E-01	1.90E-01	2.62E-01	2.26E-01
1654	386844.45, 3751252.42	6.60472	5.71174	1.70E-01	1.47E-01	2.21E-01	1.91E-01	2.63E-01	2.27E-01
1655	386844.45, 3751302.42	6.62766	5.73183	1.71E-01	1.48E-01	2.22E-01	1.92E-01	2.64E-01	2.28E-01
1656	386844.45, 3751352.42	6.64141	5.74389	1.71E-01	1.48E-01	2.22E-01	1.92E-01	2.64E-01	2.29E-01
1657	386844.45, 3751402.42	6.6751	5.7458	1.72E-01	1.48E-01	2.23E-01	1.92E-01	2.66E-01	2.29E-01
1658	386844.45, 3751452.42	6.70968	5.7344	1.73E-01	1.48E-01	2.24E-01	1.92E-01	2.67E-01	2.28E-01
1659	386844.45, 3751502.42	6.75024	5.70832	1.74E-01	1.47E-01	2.26E-01	1.91E-01	2.69E-01	2.27E-01
1660	386894.45, 3749002.42	3.42166	2.72698	8.81E-02	7.02E-02	1.14E-01	9.12E-02	1.36E-01	1.09E-01
1661	386894.45, 3749052.42	3.74599	2.86491	9.65E-02	7.38E-02	1.25E-01	9.58E-02	1.49E-01	1.14E-01
1662	386894.45, 3749102.42	3.97634	3.01444	1.02E-01	7.76E-02	1.33E-01	1.01E-01	1.58E-01	1.20E-01
1663	386894.45, 3749152.42	4.13458	3.24112	1.06E-01	8.35E-02	1.38E-01	1.08E-01	1.65E-01	1.29E-01
1664	386894.45, 3749202.42	4.25204	3.41085	1.09E-01	8.78E-02	1.42E-01	1.14E-01	1.69E-01	1.36E-01
1665	386894.45, 3749252.42	4.35034	3.53587	1.12E-01	9.11E-02	1.45E-01	1.18E-01	1.73E-01	1.41E-01
1666	386894.45, 3749302.42	4.45243	3.63211	1.15E-01	9.35E-02	1.49E-01	1.21E-01	1.77E-01	1.45E-01
1667	386894.45, 3749352.42	4.53877	3.71258	1.17E-01	9.56E-02	1.52E-01	1.24E-01	1.81E-01	1.48E-01
1668	386894.45, 3749402.42	4.65249	3.80717	1.20E-01	9.80E-02	1.56E-01	1.27E-01	1.85E-01	1.52E-01
1669	386894.45, 3749452.42	4.75659	3.8925	1.22E-01	1.00E-01	1.59E-01	1.30E-01	1.89E-01	1.55E-01
1670	386894.45, 3749502.42	4.83737	3.95803	1.25E-01	1.02E-01	1.62E-01	1.32E-01	1.93E-01	1.58E-01
1671	386894.45, 3749552.42	4.91463	4.05224	1.27E-01	1.04E-01	1.64E-01	1.35E-01	1.96E-01	1.61E-01
1672	386894.45, 3749602.42	4.9957	4.14954	1.29E-01	1.07E-01	1.67E-01	1.39E-01	1.99E-01	1.65E-01
1673	386894.45, 3749652.42	5.06989	4.24395	1.31E-01	1.09E-01	1.69E-01	1.42E-01	2.02E-01	1.69E-01
1674	386894.45, 3749702.42	5.14064	4.33576	1.32E-01	1.12E-01	1.72E-01	1.45E-01	2.05E-01	1.73E-01
1675	386894.45, 3749752.42	5.20803	4.42501	1.34E-01	1.14E-01	1.74E-01	1.48E-01	2.07E-01	1.76E-01
1676	386894.45, 3749802.42	5.27417	4.51205	1.36E-01	1.16E-01	1.76E-01	1.51E-01	2.10E-01	1.80E-01
1677	386894.45, 3749852.42	5.34401	4.5971	1.38E-01	1.18E-01	1.79E-01	1.54E-01	2.13E-01	1.83E-01
1678	386894.45, 3749902.42	5.41576	4.6805	1.39E-01	1.21E-01	1.81E-01	1.56E-01	2.16E-01	1.86E-01
1679	386894.45, 3749952.42	5.51033	4.76235	1.42E-01	1.23E-01	1.84E-01	1.59E-01	2.19E-01	1.90E-01
1680	386894.45, 3750002.42	5.60316	4.84276	1.44E-01	1.25E-01	1.87E-01	1.62E-01	2.23E-01	1.93E-01
1681	386894.45, 3750052.42	5.69499	4.9222	1.47E-01	1.27E-01	1.90E-01	1.65E-01	2.27E-01	1.96E-01
1682	386894.45, 3750102.42	5.78549	5.00056	1.49E-01	1.29E-01	1.93E-01	1.67E-01	2.30E-01	1.99E-01
1683	386894.45, 3750152.42	5.87502	5.07806	1.51E-01	1.31E-01	1.96E-01	1.70E-01	2.34E-01	2.02E-01
1684	386894.45, 3750202.42	5.9636	5.15478	1.54E-01	1.33E-01	1.99E-01	1.72E-01	2.37E-01	2.05E-01
1685	386894.45, 3750252.42	6.05191	5.23113	1.56E-01	1.35E-01	2.02E-01	1.75E-01	2.41E-01	2.08E-01
1686	386894.45, 3750302.42	6.13918	5.3067	1.58E-01	1.37E-01	2.05E-01	1.77E-01	2.44E-01	2.11E-01
1687	386894.45, 3750352.42	6.22629	5.38202	1.60E-01	1.39E-01	2.08E-01	1.80E-01	2.48E-01	2.14E-01

1688	386894.45, 3750402.42	6.31255	5.45674	1.63E-01	1.41E-01	2.11E-01	1.82E-01	2.51E-01	2.17E-01
1689	386894.45, 3750452.42	6.3983	5.53105	1.65E-01	1.42E-01	2.14E-01	1.85E-01	2.55E-01	2.20E-01
1690	386894.45, 3750502.42	6.48341	5.60489	1.67E-01	1.44E-01	2.17E-01	1.87E-01	2.58E-01	2.23E-01
1691	386894.45, 3750552.42	6.56849	5.67862	1.69E-01	1.46E-01	2.20E-01	1.90E-01	2.62E-01	2.26E-01
1692	386894.45, 3750602.42	6.65292	5.75189	1.71E-01	1.48E-01	2.22E-01	1.92E-01	2.65E-01	2.29E-01
1693	386894.45, 3750652.42	6.73736	5.82504	1.73E-01	1.50E-01	2.25E-01	1.95E-01	2.68E-01	2.32E-01
1694	386894.45, 3750702.42	6.82088	5.89758	1.76E-01	1.52E-01	2.28E-01	1.97E-01	2.72E-01	2.35E-01
1695	386894.45, 3750752.42	6.90434	5.96993	1.78E-01	1.54E-01	2.31E-01	2.00E-01	2.75E-01	2.38E-01
1696	386894.45, 3750802.42	6.98664	6.04146	1.80E-01	1.56E-01	2.34E-01	2.02E-01	2.78E-01	2.41E-01
1697	386894.45, 3750852.42	7.06842	6.11247	1.82E-01	1.57E-01	2.36E-01	2.04E-01	2.81E-01	2.43E-01
1698	386894.45, 3750902.42	7.14928	6.18268	1.84E-01	1.59E-01	2.39E-01	2.07E-01	2.85E-01	2.46E-01
1699	386894.45, 3750952.42	7.22891	6.25183	1.86E-01	1.61E-01	2.42E-01	2.09E-01	2.88E-01	2.49E-01
1700	386944.45, 3749002.42	3.71473	2.97306	9.57E-02	7.66E-02	1.24E-01	9.94E-02	1.48E-01	1.18E-01
1701	386944.45, 3749052.42	4.06629	3.13456	1.05E-01	8.07E-02	1.36E-01	1.05E-01	1.62E-01	1.25E-01
1702	386944.45, 3749102.42	4.31013	3.31368	1.11E-01	8.53E-02	1.44E-01	1.11E-01	1.72E-01	1.32E-01
1703	386944.45, 3749152.42	4.47723	3.5505	1.15E-01	9.14E-02	1.50E-01	1.19E-01	1.78E-01	1.41E-01
1704	386944.45, 3749202.42	4.60231	3.72255	1.19E-01	9.59E-02	1.54E-01	1.24E-01	1.83E-01	1.48E-01
1705	386944.45, 3749252.42	4.71535	3.8488	1.21E-01	9.91E-02	1.58E-01	1.29E-01	1.88E-01	1.53E-01
1706	386944.45, 3749302.42	4.81553	3.94286	1.24E-01	1.02E-01	1.61E-01	1.32E-01	1.92E-01	1.57E-01
1707	386944.45, 3749352.42	4.9257	4.0305	1.27E-01	1.04E-01	1.65E-01	1.35E-01	1.96E-01	1.61E-01
1708	386944.45, 3749402.42	5.06686	4.14605	1.30E-01	1.07E-01	1.69E-01	1.39E-01	2.02E-01	1.65E-01
1709	386944.45, 3749452.42	5.16813	4.26716	1.33E-01	1.10E-01	1.73E-01	1.43E-01	2.06E-01	1.70E-01
1710	386944.45, 3749502.42	5.25709	4.38592	1.35E-01	1.13E-01	1.76E-01	1.47E-01	2.09E-01	1.75E-01
1711	386944.45, 3749552.42	5.35056	4.50098	1.38E-01	1.16E-01	1.79E-01	1.50E-01	2.13E-01	1.79E-01
1712	386944.45, 3749602.42	5.43777	4.61248	1.40E-01	1.19E-01	1.82E-01	1.54E-01	2.17E-01	1.84E-01
1713	386944.45, 3749652.42	5.51973	4.72079	1.42E-01	1.22E-01	1.85E-01	1.58E-01	2.20E-01	1.88E-01
1714	386944.45, 3749702.42	5.59914	4.82615	1.44E-01	1.24E-01	1.87E-01	1.61E-01	2.23E-01	1.92E-01
1715	386944.45, 3749752.42	5.70284	4.9292	1.47E-01	1.27E-01	1.91E-01	1.65E-01	2.27E-01	1.96E-01
1716	386944.45, 3749802.42	5.81943	5.03011	1.50E-01	1.30E-01	1.95E-01	1.68E-01	2.32E-01	2.00E-01
1717	386944.45, 3749852.42	5.93357	5.12903	1.53E-01	1.32E-01	1.98E-01	1.71E-01	2.36E-01	2.04E-01
1718	386944.45, 3749902.42	6.04648	5.22673	1.56E-01	1.35E-01	2.02E-01	1.75E-01	2.41E-01	2.08E-01
1719	386944.45, 3749952.42	6.15791	5.32319	1.59E-01	1.37E-01	2.06E-01	1.78E-01	2.45E-01	2.12E-01
1720	386944.45, 3750002.42	6.26798	5.41854	1.61E-01	1.40E-01	2.10E-01	1.81E-01	2.50E-01	2.16E-01
1721	386944.45, 3750052.42	6.37726	5.51319	1.64E-01	1.42E-01	2.13E-01	1.84E-01	2.54E-01	2.20E-01
1722	386944.45, 3750102.42	6.48592	5.6073	1.67E-01	1.44E-01	2.17E-01	1.87E-01	2.58E-01	2.23E-01
1723	386944.45, 3750152.42	6.5941	5.70102	1.70E-01	1.47E-01	2.20E-01	1.91E-01	2.63E-01	2.27E-01

1724	386944.45, 3750202.42	6.70199	5.79451	1.73E-01	1.49E-01	2.24E-01	1.94E-01	2.67E-01	2.31E-01
1725	386944.45, 3750252.42	6.81047	5.8883	1.75E-01	1.52E-01	2.28E-01	1.97E-01	2.71E-01	2.34E-01
1726	386944.45, 3750302.42	6.91844	5.98186	1.78E-01	1.54E-01	2.31E-01	2.00E-01	2.76E-01	2.38E-01
1727	386944.45, 3750352.42	7.02708	6.07587	1.81E-01	1.56E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
1728	386944.45, 3750402.42	7.13539	6.16982	1.84E-01	1.59E-01	2.39E-01	2.06E-01	2.84E-01	2.46E-01
1729	386994.45, 3749002.42	4.05823	3.26687	1.05E-01	8.41E-02	1.36E-01	1.09E-01	1.62E-01	1.30E-01
1730	386994.45, 3749052.42	4.44479	3.45902	1.14E-01	8.91E-02	1.49E-01	1.16E-01	1.77E-01	1.38E-01
1731	386994.45, 3749102.42	4.70632	3.67036	1.21E-01	9.45E-02	1.57E-01	1.23E-01	1.87E-01	1.46E-01
1732	386994.45, 3749152.42	4.88193	3.91434	1.26E-01	1.01E-01	1.63E-01	1.31E-01	1.94E-01	1.56E-01
1733	386994.45, 3749202.42	5.01463	4.08593	1.29E-01	1.05E-01	1.68E-01	1.37E-01	2.00E-01	1.63E-01
1734	386994.45, 3749252.42	5.14184	4.2137	1.32E-01	1.09E-01	1.72E-01	1.41E-01	2.05E-01	1.68E-01
1735	386994.45, 3749302.42	5.26813	4.33386	1.36E-01	1.12E-01	1.76E-01	1.45E-01	2.10E-01	1.73E-01
1736	386994.45, 3749352.42	5.42674	4.48824	1.40E-01	1.16E-01	1.81E-01	1.50E-01	2.16E-01	1.79E-01
1737	386994.45, 3749402.42	5.55282	4.63632	1.43E-01	1.19E-01	1.86E-01	1.55E-01	2.21E-01	1.85E-01
1738	386994.45, 3749452.42	5.65973	4.77848	1.46E-01	1.23E-01	1.89E-01	1.60E-01	2.25E-01	1.90E-01
1739	386994.45, 3749502.42	5.76465	4.91559	1.48E-01	1.27E-01	1.93E-01	1.64E-01	2.30E-01	1.96E-01
1740	386994.45, 3749552.42	5.8674	5.0487	1.51E-01	1.30E-01	1.96E-01	1.69E-01	2.34E-01	2.01E-01
1741	386994.45, 3749602.42	5.98978	5.17811	1.54E-01	1.33E-01	2.00E-01	1.73E-01	2.39E-01	2.06E-01
1742	386994.45, 3749652.42	6.13565	5.30428	1.58E-01	1.37E-01	2.05E-01	1.77E-01	2.44E-01	2.11E-01
1743	386994.45, 3749702.42	6.278	5.42753	1.62E-01	1.40E-01	2.10E-01	1.81E-01	2.50E-01	2.16E-01
1744	386994.45, 3749752.42	6.41769	5.54852	1.65E-01	1.43E-01	2.15E-01	1.85E-01	2.56E-01	2.21E-01
1745	386994.45, 3749802.42	6.55558	5.66788	1.69E-01	1.46E-01	2.19E-01	1.89E-01	2.61E-01	2.26E-01
1746	386994.45, 3749852.42	6.69098	5.78538	1.72E-01	1.49E-01	2.24E-01	1.93E-01	2.66E-01	2.30E-01
1747	387044.45, 3749002.42	5.74727	3.65165	1.48E-01	9.40E-02	1.92E-01	1.22E-01	2.29E-01	1.45E-01
1748	387044.45, 3749052.42	4.90793	3.85869	1.26E-01	9.94E-02	1.64E-01	1.29E-01	1.95E-01	1.54E-01
1749	387044.45, 3749102.42	5.18061	4.09838	1.33E-01	1.06E-01	1.73E-01	1.37E-01	2.06E-01	1.63E-01
1750	387044.45, 3749152.42	5.36468	4.34542	1.38E-01	1.12E-01	1.79E-01	1.45E-01	2.14E-01	1.73E-01
1751	387044.45, 3749202.42	5.51446	4.51874	1.42E-01	1.16E-01	1.84E-01	1.51E-01	2.20E-01	1.80E-01
1752	387044.45, 3749252.42	5.65878	4.70571	1.46E-01	1.21E-01	1.89E-01	1.57E-01	2.25E-01	1.87E-01
1753	387044.45, 3749302.42	5.84617	4.89483	1.51E-01	1.26E-01	1.95E-01	1.64E-01	2.33E-01	1.95E-01
1754	387152.74, 3751734.85	61.20023	54.45368	1.58E+00	1.40E+00	2.05E+00	1.82E+00	2.44E+00	2.17E+00
1755	387152.74, 3751759.85	55.25224	48.98425	1.42E+00	1.26E+00	1.85E+00	1.64E+00	2.20E+00	1.95E+00
1756	387152.74, 3751784.85	50.11698	44.3118	1.29E+00	1.14E+00	1.68E+00	1.48E+00	2.00E+00	1.76E+00
1757	387152.74, 3751809.85	45.56306	40.20114	1.17E+00	1.04E+00	1.52E+00	1.34E+00	1.81E+00	1.60E+00
1758	387152.74, 3751834.85	41.24394	36.33953	1.06E+00	9.36E-01	1.38E+00	1.21E+00	1.64E+00	1.45E+00
1759	387152.74, 3751859.85	36.97007	32.54346	9.52E-01	8.38E-01	1.24E+00	1.09E+00	1.47E+00	1.30E+00

1760	387177.74, 3751534.85	60.86604	54.03322	1.57E+00	1.39E+00	2.03E+00	1.81E+00	2.42E+00	2.15E+00
1761	387177.74, 3751559.85	55.604	49.19742	1.43E+00	1.27E+00	1.86E+00	1.64E+00	2.21E+00	1.96E+00
1762	387177.74, 3751584.85	51.06093	45.07199	1.31E+00	1.16E+00	1.71E+00	1.51E+00	2.03E+00	1.79E+00
1763	387177.74, 3751609.85	47.1244	41.52709	1.21E+00	1.07E+00	1.58E+00	1.39E+00	1.88E+00	1.65E+00
1764	387177.74, 3751634.85	43.7379	38.49032	1.13E+00	9.91E-01	1.46E+00	1.29E+00	1.74E+00	1.53E+00
1765	387177.74, 3751659.85	40.8088	35.8686	1.05E+00	9.24E-01	1.36E+00	1.20E+00	1.63E+00	1.43E+00
1766	387177.74, 3751684.85	38.19203	33.53425	9.83E-01	8.64E-01	1.28E+00	1.12E+00	1.52E+00	1.34E+00
1767	387177.74, 3751709.85	35.8199	31.42381	9.22E-01	8.09E-01	1.20E+00	1.05E+00	1.43E+00	1.25E+00
1768	387177.74, 3751734.85	33.6268	29.47782	8.66E-01	7.59E-01	1.12E+00	9.85E-01	1.34E+00	1.17E+00
1769	387177.74, 3751759.85	31.55704	27.64592	8.13E-01	7.12E-01	1.05E+00	9.24E-01	1.26E+00	1.10E+00
1770	387177.74, 3751784.85	29.55528	25.87862	7.61E-01	6.66E-01	9.88E-01	8.65E-01	1.18E+00	1.03E+00
1771	387177.74, 3751809.85	27.56701	24.12689	7.10E-01	6.21E-01	9.21E-01	8.06E-01	1.10E+00	9.61E-01
1772	387177.74, 3751834.85	25.49897	22.31059	6.57E-01	5.75E-01	8.52E-01	7.46E-01	1.02E+00	8.88E-01
1773	387177.74, 3751859.85	23.27775	20.36283	5.99E-01	5.24E-01	7.78E-01	6.81E-01	9.27E-01	8.11E-01
1774	387202.74, 3751309.85	65.40342	58.1951	1.68E+00	1.50E+00	2.19E+00	1.95E+00	2.60E+00	2.32E+00
1775	387202.74, 3751334.85	59.52763	52.75868	1.53E+00	1.36E+00	1.99E+00	1.76E+00	2.37E+00	2.10E+00
1776	387202.74, 3751359.85	54.5756	48.23245	1.41E+00	1.24E+00	1.82E+00	1.61E+00	2.17E+00	1.92E+00
1777	387202.74, 3751384.85	50.35651	44.41231	1.30E+00	1.14E+00	1.68E+00	1.48E+00	2.01E+00	1.77E+00
1778	387202.74, 3751409.85	46.77416	41.18551	1.20E+00	1.06E+00	1.56E+00	1.38E+00	1.86E+00	1.64E+00
1779	387202.74, 3751434.85	43.67797	38.40928	1.12E+00	9.89E-01	1.46E+00	1.28E+00	1.74E+00	1.53E+00
1780	387202.74, 3751459.85	41.0017	36.01471	1.06E+00	9.27E-01	1.37E+00	1.20E+00	1.63E+00	1.43E+00
1781	387202.74, 3751484.85	38.66907	33.93002	9.96E-01	8.74E-01	1.29E+00	1.13E+00	1.54E+00	1.35E+00
1782	387202.74, 3751509.85	36.60136	32.08495	9.43E-01	8.26E-01	1.22E+00	1.07E+00	1.46E+00	1.28E+00
1783	387202.74, 3751534.85	34.71895	30.41087	8.94E-01	7.83E-01	1.16E+00	1.02E+00	1.38E+00	1.21E+00
1784	387202.74, 3751559.85	32.97084	28.86307	8.49E-01	7.43E-01	1.10E+00	9.65E-01	1.31E+00	1.15E+00
1785	387202.74, 3751584.85	31.3433	27.42685	8.07E-01	7.06E-01	1.05E+00	9.17E-01	1.25E+00	1.09E+00
1786	387202.74, 3751609.85	29.82696	26.0916	7.68E-01	6.72E-01	9.97E-01	8.72E-01	1.19E+00	1.04E+00
1787	387202.74, 3751634.85	28.41673	24.85059	7.32E-01	6.40E-01	9.50E-01	8.31E-01	1.13E+00	9.90E-01
1788	387202.74, 3751659.85	27.10092	23.69235	6.98E-01	6.10E-01	9.06E-01	7.92E-01	1.08E+00	9.43E-01
1789	387202.74, 3751684.85	25.843	22.58649	6.65E-01	5.82E-01	8.64E-01	7.55E-01	1.03E+00	8.99E-01
1790	387202.74, 3751709.85	24.63073	21.52148	6.34E-01	5.54E-01	8.23E-01	7.19E-01	9.81E-01	8.57E-01
1791	387202.74, 3751734.85	23.44356	20.47943	6.04E-01	5.27E-01	7.84E-01	6.85E-01	9.34E-01	8.16E-01
1792	387202.74, 3751759.85	22.26015	19.44165	5.73E-01	5.01E-01	7.44E-01	6.50E-01	8.86E-01	7.74E-01
1793	387202.74, 3751784.85	21.05614	18.38688	5.42E-01	4.73E-01	7.04E-01	6.15E-01	8.38E-01	7.32E-01
1794	387202.74, 3751809.85	19.8066	17.29292	5.10E-01	4.45E-01	6.62E-01	5.78E-01	7.89E-01	6.89E-01
1795	387202.74, 3751834.85	18.47037	16.12445	4.76E-01	4.15E-01	6.17E-01	5.39E-01	7.36E-01	6.42E-01

1796	387202.74, 3751859.85	17.0154	14.85267	4.38E-01	3.82E-01	5.69E-01	4.96E-01	6.78E-01	5.91E-01
1797	387227.74, 3751109.85	63.1657	56.12689	1.63E+00	1.45E+00	2.11E+00	1.88E+00	2.52E+00	2.24E+00
1798	387227.74, 3751134.85	57.80582	51.1799	1.49E+00	1.32E+00	1.93E+00	1.71E+00	2.30E+00	2.04E+00
1799	387227.74, 3751159.85	53.30429	47.06564	1.37E+00	1.21E+00	1.78E+00	1.57E+00	2.12E+00	1.87E+00
1800	387227.74, 3751184.85	49.44401	43.5681	1.27E+00	1.12E+00	1.65E+00	1.46E+00	1.97E+00	1.73E+00
1801	387227.74, 3751209.85	46.12678	40.58005	1.19E+00	1.04E+00	1.54E+00	1.36E+00	1.84E+00	1.62E+00
1802	387227.74, 3751234.85	43.27797	38.02199	1.11E+00	9.79E-01	1.45E+00	1.27E+00	1.72E+00	1.51E+00
1803	387227.74, 3751259.85	40.7963	35.7998	1.05E+00	9.22E-01	1.36E+00	1.20E+00	1.62E+00	1.43E+00
1804	387227.74, 3751284.85	38.57508	33.81947	9.93E-01	8.71E-01	1.29E+00	1.13E+00	1.54E+00	1.35E+00
1805	387227.74, 3751309.85	36.58329	32.04908	9.42E-01	8.25E-01	1.22E+00	1.07E+00	1.46E+00	1.28E+00
1806	387227.74, 3751334.85	34.77201	30.4447	8.95E-01	7.84E-01	1.16E+00	1.02E+00	1.38E+00	1.21E+00
1807	387227.74, 3751359.85	33.1155	28.98171	8.53E-01	7.46E-01	1.11E+00	9.69E-01	1.32E+00	1.15E+00
1808	387227.74, 3751384.85	31.59751	27.64388	8.14E-01	7.12E-01	1.06E+00	9.24E-01	1.26E+00	1.10E+00
1809	387227.74, 3751409.85	30.22842	26.43629	7.78E-01	6.81E-01	1.01E+00	8.84E-01	1.20E+00	1.05E+00
1810	387227.74, 3751434.85	28.95913	25.31861	7.46E-01	6.52E-01	9.68E-01	8.46E-01	1.15E+00	1.01E+00
1811	387227.74, 3751459.85	27.79123	24.29011	7.16E-01	6.25E-01	9.29E-01	8.12E-01	1.11E+00	9.67E-01
1812	387227.74, 3751484.85	26.71174	23.33915	6.88E-01	6.01E-01	8.93E-01	7.80E-01	1.06E+00	9.29E-01
1813	387227.74, 3751509.85	25.70203	22.44995	6.62E-01	5.78E-01	8.59E-01	7.50E-01	1.02E+00	8.94E-01
1814	387227.74, 3751534.85	24.74336	21.60687	6.37E-01	5.56E-01	8.27E-01	7.22E-01	9.85E-01	8.60E-01
1815	387227.74, 3751559.85	23.82184	20.79814	6.13E-01	5.36E-01	7.96E-01	6.95E-01	9.49E-01	8.28E-01
1816	387227.74, 3751584.85	22.93569	20.02146	5.91E-01	5.16E-01	7.67E-01	6.69E-01	9.13E-01	7.97E-01
1817	387227.74, 3751609.85	22.08026	19.27235	5.69E-01	4.96E-01	7.38E-01	6.44E-01	8.79E-01	7.67E-01
1818	387227.74, 3751634.85	21.2518	18.5471	5.47E-01	4.78E-01	7.10E-01	6.20E-01	8.46E-01	7.39E-01
1819	387227.74, 3751659.85	20.44473	17.8406	5.26E-01	4.59E-01	6.83E-01	5.96E-01	8.14E-01	7.10E-01
1820	387227.74, 3751684.85	19.6479	17.14336	5.06E-01	4.41E-01	6.57E-01	5.73E-01	7.82E-01	6.83E-01
1821	387227.74, 3751709.85	18.85501	16.44964	4.86E-01	4.24E-01	6.30E-01	5.50E-01	7.51E-01	6.55E-01
1822	387227.74, 3751734.85	18.05341	15.74864	4.65E-01	4.06E-01	6.03E-01	5.26E-01	7.19E-01	6.27E-01
1823	387227.74, 3751759.85	17.23114	15.02999	4.44E-01	3.87E-01	5.76E-01	5.02E-01	6.86E-01	5.99E-01
1824	387227.74, 3751784.85	16.37574	14.28271	4.22E-01	3.68E-01	5.47E-01	4.77E-01	6.52E-01	5.69E-01
1825	387227.74, 3751809.85	15.47458	13.49465	3.98E-01	3.47E-01	5.17E-01	4.51E-01	6.16E-01	5.37E-01
1826	387227.74, 3751834.85	14.50951	12.64949	3.74E-01	3.26E-01	4.85E-01	4.23E-01	5.78E-01	5.04E-01
1827	387227.74, 3751859.85	13.46642	11.73634	3.47E-01	3.02E-01	4.50E-01	3.92E-01	5.36E-01	4.67E-01
1828	387252.74, 3750884.85	67.55661	60.17356	1.74E+00	1.55E+00	2.26E+00	2.01E+00	2.69E+00	2.40E+00
1829	387252.74, 3750909.85	61.47451	54.52092	1.58E+00	1.40E+00	2.05E+00	1.82E+00	2.45E+00	2.17E+00
1830	387252.74, 3750934.85	56.37558	49.8427	1.45E+00	1.28E+00	1.88E+00	1.67E+00	2.24E+00	1.98E+00
1831	387252.74, 3750959.85	52.07799	45.93569	1.34E+00	1.18E+00	1.74E+00	1.54E+00	2.07E+00	1.83E+00

1832	387252.74, 3750984.85	48.4123	42.62665	1.25E+00	1.10E+00	1.62E+00	1.42E+00	1.93E+00	1.70E+00
1833	387252.74, 3751009.85	45.25219	39.78911	1.17E+00	1.02E+00	1.51E+00	1.33E+00	1.80E+00	1.58E+00
1834	387252.74, 3751034.85	42.51839	37.34247	1.09E+00	9.62E-01	1.42E+00	1.25E+00	1.69E+00	1.49E+00
1835	387252.74, 3751059.85	40.13287	35.21271	1.03E+00	9.07E-01	1.34E+00	1.18E+00	1.60E+00	1.40E+00
1836	387252.74, 3751084.85	38.02956	33.33878	9.79E-01	8.59E-01	1.27E+00	1.11E+00	1.51E+00	1.33E+00
1837	387252.74, 3751109.85	36.15408	31.67125	9.31E-01	8.16E-01	1.21E+00	1.06E+00	1.44E+00	1.26E+00
1838	387252.74, 3751134.85	34.46738	30.17438	8.88E-01	7.77E-01	1.15E+00	1.01E+00	1.37E+00	1.20E+00
1839	387252.74, 3751159.85	32.92772	28.81161	8.48E-01	7.42E-01	1.10E+00	9.63E-01	1.31E+00	1.15E+00
1840	387252.74, 3751184.85	31.51911	27.56726	8.12E-01	7.10E-01	1.05E+00	9.21E-01	1.26E+00	1.10E+00
1841	387252.74, 3751209.85	30.23094	26.43047	7.78E-01	6.81E-01	1.01E+00	8.83E-01	1.20E+00	1.05E+00
1842	387252.74, 3751234.85	29.05066	25.38942	7.48E-01	6.54E-01	9.71E-01	8.49E-01	1.16E+00	1.01E+00
1843	387252.74, 3751259.85	27.96082	24.42885	7.20E-01	6.29E-01	9.35E-01	8.17E-01	1.11E+00	9.73E-01
1844	387252.74, 3751284.85	26.94643	23.53574	6.94E-01	6.06E-01	9.01E-01	7.87E-01	1.07E+00	9.37E-01
1845	387252.74, 3751309.85	25.9935	22.69805	6.69E-01	5.84E-01	8.69E-01	7.59E-01	1.04E+00	9.04E-01
1846	387252.74, 3751334.85	25.09607	21.91018	6.46E-01	5.64E-01	8.39E-01	7.32E-01	9.99E-01	8.72E-01
1847	387252.74, 3751359.85	24.24781	21.16634	6.24E-01	5.45E-01	8.11E-01	7.08E-01	9.66E-01	8.43E-01
1848	387252.74, 3751384.85	23.44389	20.46208	6.04E-01	5.27E-01	7.84E-01	6.84E-01	9.34E-01	8.15E-01
1849	387252.74, 3751409.85	22.68803	19.79958	5.84E-01	5.10E-01	7.58E-01	6.62E-01	9.03E-01	7.88E-01
1850	387252.74, 3751434.85	21.96718	19.16818	5.66E-01	4.94E-01	7.34E-01	6.41E-01	8.75E-01	7.63E-01
1851	387252.74, 3751459.85	21.28084	18.567	5.48E-01	4.78E-01	7.11E-01	6.21E-01	8.47E-01	7.39E-01
1852	387252.74, 3751484.85	20.62522	17.99262	5.31E-01	4.63E-01	6.89E-01	6.01E-01	8.21E-01	7.16E-01
1853	387252.74, 3751509.85	19.9939	17.43964	5.15E-01	4.49E-01	6.68E-01	5.83E-01	7.96E-01	6.94E-01
1854	387252.74, 3751534.85	19.38105	16.90315	4.99E-01	4.35E-01	6.48E-01	5.65E-01	7.72E-01	6.73E-01
1855	387252.74, 3751559.85	18.78531	16.37834	4.84E-01	4.22E-01	6.28E-01	5.47E-01	7.48E-01	6.52E-01
1856	387252.74, 3751584.85	18.20113	15.86403	4.69E-01	4.09E-01	6.08E-01	5.30E-01	7.25E-01	6.32E-01
1857	387252.74, 3751609.85	17.62397	15.35683	4.54E-01	3.95E-01	5.89E-01	5.13E-01	7.02E-01	6.12E-01
1858	387252.74, 3751634.85	17.05071	14.85373	4.39E-01	3.82E-01	5.70E-01	4.97E-01	6.79E-01	5.91E-01
1859	387252.74, 3751659.85	16.47777	14.35134	4.24E-01	3.70E-01	5.51E-01	4.80E-01	6.56E-01	5.71E-01
1860	387252.74, 3751684.85	15.90116	13.84589	4.09E-01	3.57E-01	5.32E-01	4.63E-01	6.33E-01	5.51E-01
1861	387252.74, 3751709.85	15.31567	13.33276	3.94E-01	3.43E-01	5.12E-01	4.46E-01	6.10E-01	5.31E-01
1862	387252.74, 3751734.85	14.71355	12.80565	3.79E-01	3.30E-01	4.92E-01	4.28E-01	5.86E-01	5.10E-01
1863	387252.74, 3751759.85	14.08747	12.25826	3.63E-01	3.16E-01	4.71E-01	4.10E-01	5.61E-01	4.88E-01
1864	387252.74, 3751784.85	13.43051	11.68428	3.46E-01	3.01E-01	4.49E-01	3.91E-01	5.35E-01	4.65E-01
1865	387252.74, 3751809.85	12.7355	11.07712	3.28E-01	2.85E-01	4.26E-01	3.70E-01	5.07E-01	4.41E-01
1866	387252.74, 3751834.85	11.99328	10.42934	3.09E-01	2.69E-01	4.01E-01	3.49E-01	4.78E-01	4.15E-01
1867	387252.74, 3751859.85	11.20107	9.73797	2.88E-01	2.51E-01	3.74E-01	3.26E-01	4.46E-01	3.88E-01

1868	387277.74, 3750684.85	64.70764	57.57468	1.67E+00	1.48E+00	2.16E+00	1.92E+00	2.58E+00	2.29E+00
1869	387277.74, 3750709.85	59.17361	52.44631	1.52E+00	1.35E+00	1.98E+00	1.75E+00	2.36E+00	2.09E+00
1870	387277.74, 3750734.85	54.59369	48.23965	1.41E+00	1.24E+00	1.82E+00	1.61E+00	2.17E+00	1.92E+00
1871	387277.74, 3750759.85	50.69739	44.69155	1.31E+00	1.15E+00	1.69E+00	1.49E+00	2.02E+00	1.78E+00
1872	387277.74, 3750784.85	47.3123	41.63395	1.22E+00	1.07E+00	1.58E+00	1.39E+00	1.88E+00	1.66E+00
1873	387277.74, 3750809.85	44.35543	38.97944	1.14E+00	1.00E+00	1.48E+00	1.30E+00	1.77E+00	1.55E+00
1874	387277.74, 3750834.85	41.78649	36.68055	1.08E+00	9.45E-01	1.40E+00	1.23E+00	1.66E+00	1.46E+00
1875	387277.74, 3750859.85	39.55898	34.68935	1.02E+00	8.93E-01	1.32E+00	1.16E+00	1.58E+00	1.38E+00
1876	387277.74, 3750884.85	37.56857	32.91597	9.67E-01	8.48E-01	1.26E+00	1.10E+00	1.50E+00	1.31E+00
1877	387277.74, 3750909.85	35.76538	31.31529	9.21E-01	8.06E-01	1.20E+00	1.05E+00	1.42E+00	1.25E+00
1878	387277.74, 3750934.85	34.12709	29.86516	8.79E-01	7.69E-01	1.14E+00	9.98E-01	1.36E+00	1.19E+00
1879	387277.74, 3750959.85	32.63741	28.54917	8.40E-01	7.35E-01	1.09E+00	9.54E-01	1.30E+00	1.14E+00
1880	387277.74, 3750984.85	31.278	27.35006	8.05E-01	7.04E-01	1.05E+00	9.14E-01	1.25E+00	1.09E+00
1881	387277.74, 3751009.85	30.03311	26.25321	7.73E-01	6.76E-01	1.00E+00	8.78E-01	1.20E+00	1.05E+00
1882	387277.74, 3751034.85	28.89025	25.24698	7.44E-01	6.50E-01	9.66E-01	8.44E-01	1.15E+00	1.01E+00
1883	387277.74, 3751059.85	27.83881	24.32154	7.17E-01	6.26E-01	9.31E-01	8.13E-01	1.11E+00	9.69E-01
1884	387277.74, 3751084.85	26.86724	23.46665	6.92E-01	6.04E-01	8.98E-01	7.84E-01	1.07E+00	9.34E-01
1885	387277.74, 3751109.85	25.96404	22.6723	6.69E-01	5.84E-01	8.68E-01	7.58E-01	1.03E+00	9.03E-01
1886	387277.74, 3751134.85	25.11973	21.93023	6.47E-01	5.65E-01	8.40E-01	7.33E-01	1.00E+00	8.73E-01
1887	387277.74, 3751159.85	24.32352	21.23129	6.26E-01	5.47E-01	8.13E-01	7.10E-01	9.69E-01	8.45E-01
1888	387277.74, 3751184.85	23.57552	20.57489	6.07E-01	5.30E-01	7.88E-01	6.88E-01	9.39E-01	8.19E-01
1889	387277.74, 3751209.85	22.8707	19.95655	5.89E-01	5.14E-01	7.64E-01	6.67E-01	9.11E-01	7.95E-01
1890	387277.74, 3751234.85	22.20458	19.3723	5.72E-01	4.99E-01	7.42E-01	6.48E-01	8.84E-01	7.71E-01
1891	387277.74, 3751259.85	21.57175	18.8175	5.55E-01	4.85E-01	7.21E-01	6.29E-01	8.59E-01	7.49E-01
1892	387277.74, 3751284.85	20.96886	18.28917	5.40E-01	4.71E-01	7.01E-01	6.11E-01	8.35E-01	7.28E-01
1893	387277.74, 3751309.85	20.3924	17.7827	5.25E-01	4.58E-01	6.82E-01	5.94E-01	8.12E-01	7.08E-01
1894	387277.74, 3751334.85	19.8422	17.29643	5.11E-01	4.45E-01	6.63E-01	5.78E-01	7.90E-01	6.89E-01
1895	387277.74, 3751359.85	19.31125	16.82834	4.97E-01	4.33E-01	6.46E-01	5.63E-01	7.69E-01	6.70E-01
1896	387277.74, 3751384.85	18.79816	16.37681	4.84E-01	4.22E-01	6.28E-01	5.47E-01	7.49E-01	6.52E-01
1897	387277.74, 3751409.85	18.30342	15.94137	4.71E-01	4.11E-01	6.12E-01	5.33E-01	7.29E-01	6.35E-01
1898	387277.74, 3751434.85	17.82312	15.5191	4.59E-01	4.00E-01	5.96E-01	5.19E-01	7.10E-01	6.18E-01
1899	387277.74, 3751459.85	17.35692	15.10913	4.47E-01	3.89E-01	5.80E-01	5.05E-01	6.91E-01	6.02E-01
1900	387277.74, 3751484.85	16.9022	14.7093	4.35E-01	3.79E-01	5.65E-01	4.92E-01	6.73E-01	5.86E-01
1901	387277.74, 3751509.85	16.4556	14.31705	4.24E-01	3.69E-01	5.50E-01	4.79E-01	6.55E-01	5.70E-01
1902	387277.74, 3751534.85	16.01555	13.93084	4.12E-01	3.59E-01	5.35E-01	4.66E-01	6.38E-01	5.55E-01
1903	387277.74, 3751559.85	15.57865	13.54805	4.01E-01	3.49E-01	5.21E-01	4.53E-01	6.20E-01	5.40E-01

1904	387277.74, 3751584.85	15.14362	13.16727	3.90E-01	3.39E-01	5.06E-01	4.40E-01	6.03E-01	5.24E-01
1905	387277.74, 3751609.85	14.70768	12.78614	3.79E-01	3.29E-01	4.92E-01	4.27E-01	5.86E-01	5.09E-01
1906	387277.74, 3751634.85	14.26833	12.40245	3.67E-01	3.19E-01	4.77E-01	4.15E-01	5.68E-01	4.94E-01
1907	387277.74, 3751659.85	13.82315	12.01392	3.56E-01	3.09E-01	4.62E-01	4.02E-01	5.50E-01	4.78E-01
1908	387277.74, 3751684.85	13.36965	11.61813	3.44E-01	2.99E-01	4.47E-01	3.88E-01	5.32E-01	4.63E-01
1909	387277.74, 3751709.85	12.90361	11.21158	3.32E-01	2.89E-01	4.31E-01	3.75E-01	5.14E-01	4.46E-01
1910	387277.74, 3751734.85	12.42104	10.79077	3.20E-01	2.78E-01	4.15E-01	3.61E-01	4.95E-01	4.30E-01
1911	387277.74, 3751759.85	11.91748	10.35184	3.07E-01	2.67E-01	3.98E-01	3.46E-01	4.75E-01	4.12E-01
1912	387277.74, 3751784.85	11.38853	9.89091	2.93E-01	2.55E-01	3.81E-01	3.31E-01	4.54E-01	3.94E-01
1913	387277.74, 3751809.85	10.8306	9.4047	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.31E-01	3.75E-01
1914	387277.74, 3751834.85	10.23995	8.8902	2.64E-01	2.29E-01	3.42E-01	2.97E-01	4.08E-01	3.54E-01
1915	387277.74, 3751859.85	9.791	8.34758	2.52E-01	2.15E-01	3.27E-01	2.79E-01	3.90E-01	3.32E-01
1916	387302.74, 3750459.85	69.32436	61.83154	1.79E+00	1.59E+00	2.32E+00	2.07E+00	2.76E+00	2.46E+00
1917	387302.74, 3750484.85	62.892	55.84179	1.62E+00	1.44E+00	2.10E+00	1.87E+00	2.50E+00	2.22E+00
1918	387302.74, 3750509.85	57.51669	50.90441	1.48E+00	1.31E+00	1.92E+00	1.70E+00	2.29E+00	2.03E+00
1919	387302.74, 3750534.85	53.09719	46.87362	1.37E+00	1.21E+00	1.77E+00	1.57E+00	2.11E+00	1.87E+00
1920	387302.74, 3750559.85	49.40235	43.52142	1.27E+00	1.12E+00	1.65E+00	1.45E+00	1.97E+00	1.73E+00
1921	387302.74, 3750584.85	46.20634	40.64034	1.19E+00	1.05E+00	1.54E+00	1.36E+00	1.84E+00	1.62E+00
1922	387302.74, 3750609.85	43.41985	38.14097	1.12E+00	9.82E-01	1.45E+00	1.27E+00	1.73E+00	1.52E+00
1923	387302.74, 3750634.85	40.96177	35.94598	1.05E+00	9.26E-01	1.37E+00	1.20E+00	1.63E+00	1.43E+00
1924	387302.74, 3750659.85	38.80005	34.02006	9.99E-01	8.76E-01	1.30E+00	1.14E+00	1.55E+00	1.35E+00
1925	387302.74, 3750684.85	36.88222	32.31476	9.50E-01	8.32E-01	1.23E+00	1.08E+00	1.47E+00	1.29E+00
1926	387302.74, 3750709.85	35.16583	30.7913	9.06E-01	7.93E-01	1.18E+00	1.03E+00	1.40E+00	1.23E+00
1927	387302.74, 3750734.85	33.62699	29.42663	8.66E-01	7.58E-01	1.12E+00	9.84E-01	1.34E+00	1.17E+00
1928	387302.74, 3750759.85	32.22699	28.18729	8.30E-01	7.26E-01	1.08E+00	9.42E-01	1.28E+00	1.12E+00
1929	387302.74, 3750784.85	30.93834	27.04923	7.97E-01	6.97E-01	1.03E+00	9.04E-01	1.23E+00	1.08E+00
1930	387302.74, 3750809.85	29.75479	26.00539	7.66E-01	6.70E-01	9.95E-01	8.69E-01	1.18E+00	1.04E+00
1931	387302.74, 3750834.85	28.66824	25.04768	7.38E-01	6.45E-01	9.58E-01	8.37E-01	1.14E+00	9.97E-01
1932	387302.74, 3750859.85	27.66639	24.16512	7.12E-01	6.22E-01	9.25E-01	8.08E-01	1.10E+00	9.62E-01
1933	387302.74, 3750884.85	26.73413	23.34478	6.88E-01	6.01E-01	8.94E-01	7.80E-01	1.06E+00	9.30E-01
1934	387302.74, 3750909.85	25.86367	22.57959	6.66E-01	5.81E-01	8.65E-01	7.55E-01	1.03E+00	8.99E-01
1935	387302.74, 3750934.85	25.0474	21.86281	6.45E-01	5.63E-01	8.37E-01	7.31E-01	9.97E-01	8.71E-01
1936	387302.74, 3750959.85	24.28058	21.19003	6.25E-01	5.46E-01	8.12E-01	7.08E-01	9.67E-01	8.44E-01
1937	387302.74, 3750984.85	23.55886	20.55725	6.07E-01	5.29E-01	7.87E-01	6.87E-01	9.38E-01	8.19E-01
1938	387302.74, 3751009.85	22.87665	19.9596	5.89E-01	5.14E-01	7.65E-01	6.67E-01	9.11E-01	7.95E-01
1939	387302.74, 3751034.85	22.22954	19.39321	5.72E-01	4.99E-01	7.43E-01	6.48E-01	8.85E-01	7.72E-01

1940	387302.74, 3751059.85	21.62179	18.86092	5.57E-01	4.86E-01	7.23E-01	6.30E-01	8.61E-01	7.51E-01
1941	387302.74, 3751084.85	21.04772	18.358	5.42E-01	4.73E-01	7.04E-01	6.14E-01	8.38E-01	7.31E-01
1942	387302.74, 3751109.85	20.5037	17.87965	5.28E-01	4.60E-01	6.85E-01	5.98E-01	8.16E-01	7.12E-01
1943	387302.74, 3751134.85	19.98918	17.42361	5.15E-01	4.49E-01	6.68E-01	5.82E-01	7.96E-01	6.94E-01
1944	387302.74, 3751159.85	19.4965	16.98752	5.02E-01	4.37E-01	6.52E-01	5.68E-01	7.76E-01	6.76E-01
1945	387302.74, 3751184.85	19.02403	16.56974	4.90E-01	4.27E-01	6.36E-01	5.54E-01	7.58E-01	6.60E-01
1946	387302.74, 3751209.85	18.57013	16.16872	4.78E-01	4.16E-01	6.21E-01	5.40E-01	7.39E-01	6.44E-01
1947	387302.74, 3751234.85	18.13306	15.78287	4.67E-01	4.06E-01	6.06E-01	5.28E-01	7.22E-01	6.28E-01
1948	387302.74, 3751259.85	17.71069	15.41048	4.56E-01	3.97E-01	5.92E-01	5.15E-01	7.05E-01	6.14E-01
1949	387302.74, 3751284.85	17.30142	15.05013	4.46E-01	3.88E-01	5.78E-01	5.03E-01	6.89E-01	5.99E-01
1950	387302.74, 3751309.85	16.90317	14.70017	4.35E-01	3.79E-01	5.65E-01	4.91E-01	6.73E-01	5.85E-01
1951	387302.74, 3751334.85	16.51488	14.35958	4.25E-01	3.70E-01	5.52E-01	4.80E-01	6.58E-01	5.72E-01
1952	387302.74, 3751359.85	16.13541	14.02729	4.16E-01	3.61E-01	5.39E-01	4.69E-01	6.43E-01	5.59E-01
1953	387302.74, 3751384.85	15.76428	13.70262	4.06E-01	3.53E-01	5.27E-01	4.58E-01	6.28E-01	5.46E-01
1954	387302.74, 3751409.85	15.40267	13.38584	3.97E-01	3.45E-01	5.15E-01	4.47E-01	6.13E-01	5.33E-01
1955	387302.74, 3751434.85	15.04652	13.07427	3.87E-01	3.37E-01	5.03E-01	4.37E-01	5.99E-01	5.21E-01
1956	387302.74, 3751459.85	14.69603	12.76765	3.78E-01	3.29E-01	4.91E-01	4.27E-01	5.85E-01	5.08E-01
1957	387302.74, 3751484.85	14.34934	12.46451	3.70E-01	3.21E-01	4.80E-01	4.17E-01	5.71E-01	4.96E-01
1958	387302.74, 3751509.85	14.00503	12.16365	3.61E-01	3.13E-01	4.68E-01	4.07E-01	5.58E-01	4.84E-01
1959	387302.74, 3751534.85	13.66234	11.8642	3.52E-01	3.06E-01	4.57E-01	3.97E-01	5.44E-01	4.72E-01
1960	387302.74, 3751559.85	13.31833	11.56406	3.43E-01	2.98E-01	4.45E-01	3.87E-01	5.30E-01	4.60E-01
1961	387302.74, 3751584.85	12.97251	11.26243	3.34E-01	2.90E-01	4.34E-01	3.76E-01	5.17E-01	4.48E-01
1962	387302.74, 3751609.85	12.62285	10.95766	3.25E-01	2.82E-01	4.22E-01	3.66E-01	5.03E-01	4.36E-01
1963	387302.74, 3751634.85	12.26702	10.64784	3.16E-01	2.74E-01	4.10E-01	3.56E-01	4.88E-01	4.24E-01
1964	387302.74, 3751659.85	11.90358	10.33152	3.07E-01	2.66E-01	3.98E-01	3.45E-01	4.74E-01	4.11E-01
1965	387302.74, 3751684.85	11.53085	10.00702	2.97E-01	2.58E-01	3.85E-01	3.34E-01	4.59E-01	3.98E-01
1966	387302.74, 3751709.85	11.14544	9.67168	2.87E-01	2.49E-01	3.73E-01	3.23E-01	4.44E-01	3.85E-01
1967	387302.74, 3751734.85	10.74556	9.32368	2.77E-01	2.40E-01	3.59E-01	3.12E-01	4.28E-01	3.71E-01
1968	387302.74, 3751759.85	10.32818	8.96047	2.66E-01	2.31E-01	3.45E-01	3.00E-01	4.11E-01	3.57E-01
1969	387302.74, 3751784.85	9.89047	8.57972	2.55E-01	2.21E-01	3.31E-01	2.87E-01	3.94E-01	3.42E-01
1970	387302.74, 3751809.85	9.43098	8.18001	2.43E-01	2.11E-01	3.15E-01	2.73E-01	3.76E-01	3.26E-01
1971	387302.74, 3751834.85	9.0909	7.76065	2.34E-01	2.00E-01	3.04E-01	2.59E-01	3.62E-01	3.09E-01
1972	387302.74, 3751859.85	8.83696	7.4979	2.28E-01	1.93E-01	2.95E-01	2.51E-01	3.52E-01	2.99E-01
1973	387327.74, 3750259.85	66.40908	59.14733	1.71E+00	1.52E+00	2.22E+00	1.98E+00	2.64E+00	2.36E+00
1974	387327.74, 3750284.85	60.5005	53.6688	1.56E+00	1.38E+00	2.02E+00	1.79E+00	2.41E+00	2.14E+00
1975	387327.74, 3750309.85	55.67671	49.23374	1.43E+00	1.27E+00	1.86E+00	1.65E+00	2.22E+00	1.96E+00

1976	387327.74, 3750334.85	51.64127	45.551	1.33E+00	1.17E+00	1.73E+00	1.52E+00	2.06E+00	1.81E+00
1977	387327.74, 3750359.85	48.18369	42.41796	1.24E+00	1.09E+00	1.61E+00	1.42E+00	1.92E+00	1.69E+00
1978	387327.74, 3750384.85	45.16664	39.70228	1.16E+00	1.02E+00	1.51E+00	1.33E+00	1.80E+00	1.58E+00
1979	387327.74, 3750409.85	42.51905	37.33123	1.09E+00	9.61E-01	1.42E+00	1.25E+00	1.69E+00	1.49E+00
1980	387327.74, 3750434.85	40.20473	35.26414	1.04E+00	9.08E-01	1.34E+00	1.18E+00	1.60E+00	1.40E+00
1981	387327.74, 3750459.85	38.16863	33.44888	9.83E-01	8.61E-01	1.28E+00	1.12E+00	1.52E+00	1.33E+00
1982	387327.74, 3750484.85	36.3205	31.80841	9.35E-01	8.19E-01	1.21E+00	1.06E+00	1.45E+00	1.27E+00
1983	387327.74, 3750509.85	34.63889	30.32093	8.92E-01	7.81E-01	1.16E+00	1.01E+00	1.38E+00	1.21E+00
1984	387327.74, 3750534.85	33.13101	28.98794	8.53E-01	7.46E-01	1.11E+00	9.69E-01	1.32E+00	1.15E+00
1985	387327.74, 3750559.85	31.77406	27.78857	8.18E-01	7.16E-01	1.06E+00	9.29E-01	1.27E+00	1.11E+00
1986	387327.74, 3750584.85	30.53566	26.69516	7.86E-01	6.87E-01	1.02E+00	8.92E-01	1.22E+00	1.06E+00
1987	387327.74, 3750609.85	29.40723	25.69902	7.57E-01	6.62E-01	9.83E-01	8.59E-01	1.17E+00	1.02E+00
1988	387327.74, 3750634.85	28.35615	24.77327	7.30E-01	6.38E-01	9.48E-01	8.28E-01	1.13E+00	9.87E-01
1989	387327.74, 3750659.85	27.38457	23.91817	7.05E-01	6.16E-01	9.15E-01	7.99E-01	1.09E+00	9.52E-01
1990	387327.74, 3750684.85	26.48307	23.12528	6.82E-01	5.95E-01	8.85E-01	7.73E-01	1.05E+00	9.21E-01
1991	387327.74, 3750709.85	25.64292	22.38689	6.60E-01	5.76E-01	8.57E-01	7.48E-01	1.02E+00	8.91E-01
1992	387327.74, 3750734.85	24.86033	21.69924	6.40E-01	5.59E-01	8.31E-01	7.25E-01	9.90E-01	8.64E-01
1993	387327.74, 3750759.85	24.12653	21.05487	6.21E-01	5.42E-01	8.06E-01	7.04E-01	9.61E-01	8.38E-01
1994	387327.74, 3750784.85	23.43427	20.44757	6.03E-01	5.27E-01	7.83E-01	6.83E-01	9.33E-01	8.14E-01
1995	387327.74, 3750809.85	22.78278	19.87623	5.87E-01	5.12E-01	7.62E-01	6.64E-01	9.07E-01	7.92E-01
1996	387327.74, 3750834.85	22.16911	19.33813	5.71E-01	4.98E-01	7.41E-01	6.46E-01	8.83E-01	7.70E-01
1997	387327.74, 3750859.85	21.58839	18.8291	5.56E-01	4.85E-01	7.22E-01	6.29E-01	8.60E-01	7.50E-01
1998	387327.74, 3750884.85	21.04061	18.34559	5.42E-01	4.72E-01	7.03E-01	6.13E-01	8.38E-01	7.31E-01
1999	387327.74, 3750909.85	20.52256	17.8861	5.28E-01	4.61E-01	6.86E-01	5.98E-01	8.17E-01	7.12E-01
2000	387327.74, 3750934.85	20.02745	17.44789	5.16E-01	4.49E-01	6.69E-01	5.83E-01	7.98E-01	6.95E-01
2001	387327.74, 3750959.85	19.55298	17.02892	5.04E-01	4.39E-01	6.54E-01	5.69E-01	7.79E-01	6.78E-01
2002	387327.74, 3750984.85	19.09708	16.6274	4.92E-01	4.28E-01	6.38E-01	5.56E-01	7.60E-01	6.62E-01
2003	387327.74, 3751009.85	18.65828	16.24189	4.80E-01	4.18E-01	6.24E-01	5.43E-01	7.43E-01	6.47E-01
2004	387327.74, 3751034.85	18.23798	15.87264	4.70E-01	4.09E-01	6.10E-01	5.31E-01	7.26E-01	6.32E-01
2005	387327.74, 3751059.85	17.8365	15.51936	4.59E-01	4.00E-01	5.96E-01	5.19E-01	7.10E-01	6.18E-01
2006	387327.74, 3751084.85	17.45069	15.17982	4.49E-01	3.91E-01	5.83E-01	5.07E-01	6.95E-01	6.04E-01
2007	387327.74, 3751109.85	17.07827	14.85234	4.40E-01	3.82E-01	5.71E-01	4.96E-01	6.80E-01	5.91E-01
2008	387327.74, 3751134.85	16.71922	14.53651	4.31E-01	3.74E-01	5.59E-01	4.86E-01	6.66E-01	5.79E-01
2009	387327.74, 3751159.85	16.37086	14.23048	4.22E-01	3.66E-01	5.47E-01	4.76E-01	6.52E-01	5.67E-01
2010	387327.74, 3751184.85	16.03379	13.93426	4.13E-01	3.59E-01	5.36E-01	4.66E-01	6.38E-01	5.55E-01
2011	387327.74, 3751209.85	15.70612	13.64649	4.04E-01	3.51E-01	5.25E-01	4.56E-01	6.25E-01	5.43E-01

2012	387327.74, 3751234.85	15.38673	13.36623	3.96E-01	3.44E-01	5.14E-01	4.47E-01	6.13E-01	5.32E-01
2013	387327.74, 3751259.85	15.0749	13.09283	3.88E-01	3.37E-01	5.04E-01	4.38E-01	6.00E-01	5.21E-01
2014	387327.74, 3751284.85	14.76985	12.82557	3.80E-01	3.30E-01	4.94E-01	4.29E-01	5.88E-01	5.11E-01
2015	387327.74, 3751309.85	14.47005	12.56333	3.73E-01	3.24E-01	4.84E-01	4.20E-01	5.76E-01	5.00E-01
2016	387327.74, 3751334.85	14.17515	12.30568	3.65E-01	3.17E-01	4.74E-01	4.11E-01	5.64E-01	4.90E-01
2017	387327.74, 3751359.85	13.88441	12.05195	3.58E-01	3.10E-01	4.64E-01	4.03E-01	5.53E-01	4.80E-01
2018	387327.74, 3751384.85	13.59655	11.80116	3.50E-01	3.04E-01	4.54E-01	3.94E-01	5.41E-01	4.70E-01
2019	387327.74, 3751409.85	13.31373	11.55428	3.43E-01	2.98E-01	4.45E-01	3.86E-01	5.30E-01	4.60E-01
2020	387327.74, 3751434.85	13.03288	11.30932	3.36E-01	2.91E-01	4.36E-01	3.78E-01	5.19E-01	4.50E-01
2021	387327.74, 3751459.85	12.75343	11.0657	3.28E-01	2.85E-01	4.26E-01	3.70E-01	5.08E-01	4.41E-01
2022	387327.74, 3751484.85	12.47477	10.82281	3.21E-01	2.79E-01	4.17E-01	3.62E-01	4.97E-01	4.31E-01
2023	387327.74, 3751509.85	12.19571	10.57967	3.14E-01	2.72E-01	4.08E-01	3.54E-01	4.86E-01	4.21E-01
2024	387327.74, 3751534.85	11.91549	10.33555	3.07E-01	2.66E-01	3.98E-01	3.45E-01	4.74E-01	4.12E-01
2025	387327.74, 3751559.85	11.63206	10.08895	3.00E-01	2.60E-01	3.89E-01	3.37E-01	4.63E-01	4.02E-01
2026	387327.74, 3751584.85	11.34549	9.83954	2.92E-01	2.53E-01	3.79E-01	3.29E-01	4.52E-01	3.92E-01
2027	387327.74, 3751609.85	11.05386	9.58585	2.85E-01	2.47E-01	3.69E-01	3.20E-01	4.40E-01	3.82E-01
2028	387327.74, 3751634.85	10.75547	9.32648	2.77E-01	2.40E-01	3.60E-01	3.12E-01	4.28E-01	3.71E-01
2029	387327.74, 3751659.85	10.44915	9.06032	2.69E-01	2.33E-01	3.49E-01	3.03E-01	4.16E-01	3.61E-01
2030	387327.74, 3751684.85	10.13384	8.78625	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
2031	387327.74, 3751709.85	9.8072	8.50245	2.53E-01	2.19E-01	3.28E-01	2.84E-01	3.91E-01	3.39E-01
2032	387327.74, 3751734.85	9.46808	8.20774	2.44E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.27E-01
2033	387327.74, 3751759.85	9.11466	7.9006	2.35E-01	2.03E-01	3.05E-01	2.64E-01	3.63E-01	3.15E-01
2034	387327.74, 3751784.85	8.74533	7.57976	2.25E-01	1.95E-01	2.92E-01	2.53E-01	3.48E-01	3.02E-01
2035	387327.74, 3751809.85	8.48881	7.24469	2.19E-01	1.87E-01	2.84E-01	2.42E-01	3.38E-01	2.88E-01
2036	387327.74, 3751834.85	8.28188	7.0337	2.13E-01	1.81E-01	2.77E-01	2.35E-01	3.30E-01	2.80E-01
2037	387327.74, 3751859.85	8.06997	6.83353	2.08E-01	1.76E-01	2.70E-01	2.28E-01	3.21E-01	2.72E-01
2038	387352.74, 3750034.85	70.89465	63.33074	1.83E+00	1.63E+00	2.37E+00	2.12E+00	2.82E+00	2.52E+00
2039	387352.74, 3750059.85	64.07841	56.97132	1.65E+00	1.47E+00	2.14E+00	1.90E+00	2.55E+00	2.27E+00
2040	387352.74, 3750084.85	58.55279	51.87285	1.51E+00	1.34E+00	1.96E+00	1.73E+00	2.33E+00	2.07E+00
2041	387352.74, 3750109.85	54.02515	47.72615	1.39E+00	1.23E+00	1.81E+00	1.60E+00	2.15E+00	1.90E+00
2042	387352.74, 3750134.85	50.21864	44.26336	1.29E+00	1.14E+00	1.68E+00	1.48E+00	2.00E+00	1.76E+00
2043	387352.74, 3750159.85	46.95014	41.30869	1.21E+00	1.06E+00	1.57E+00	1.38E+00	1.87E+00	1.64E+00
2044	387352.74, 3750184.85	44.09543	38.74318	1.14E+00	9.98E-01	1.47E+00	1.30E+00	1.76E+00	1.54E+00
2045	387352.74, 3750209.85	41.58953	36.50097	1.07E+00	9.40E-01	1.39E+00	1.22E+00	1.66E+00	1.45E+00
2046	387352.74, 3750234.85	39.36371	34.51752	1.01E+00	8.89E-01	1.32E+00	1.15E+00	1.57E+00	1.37E+00
2047	387352.74, 3750259.85	37.38866	32.76178	9.63E-01	8.44E-01	1.25E+00	1.10E+00	1.49E+00	1.30E+00

2048	387352.74, 3750284.85	35.63143	31.2019	9.18E-01	8.03E-01	1.19E+00	1.04E+00	1.42E+00	1.24E+00
2049	387352.74, 3750309.85	34.05556	29.80484	8.77E-01	7.68E-01	1.14E+00	9.96E-01	1.36E+00	1.19E+00
2050	387352.74, 3750334.85	32.62743	28.54082	8.40E-01	7.35E-01	1.09E+00	9.54E-01	1.30E+00	1.14E+00
2051	387352.74, 3750359.85	31.32552	27.39025	8.07E-01	7.05E-01	1.05E+00	9.16E-01	1.25E+00	1.09E+00
2052	387352.74, 3750384.85	30.13473	26.33908	7.76E-01	6.78E-01	1.01E+00	8.80E-01	1.20E+00	1.05E+00
2053	387352.74, 3750409.85	29.03695	25.37141	7.48E-01	6.53E-01	9.71E-01	8.48E-01	1.16E+00	1.01E+00
2054	387352.74, 3750434.85	28.02552	24.48053	7.22E-01	6.30E-01	9.37E-01	8.18E-01	1.12E+00	9.75E-01
2055	387352.74, 3750459.85	27.09146	23.6582	6.98E-01	6.09E-01	9.06E-01	7.91E-01	1.08E+00	9.42E-01
2056	387352.74, 3750484.85	26.21586	22.88873	6.75E-01	5.89E-01	8.76E-01	7.65E-01	1.04E+00	9.11E-01
2057	387352.74, 3750509.85	25.39006	22.16454	6.54E-01	5.71E-01	8.49E-01	7.41E-01	1.01E+00	8.83E-01
2058	387352.74, 3750534.85	24.62221	21.49112	6.34E-01	5.53E-01	8.23E-01	7.18E-01	9.80E-01	8.56E-01
2059	387352.74, 3750559.85	23.90882	20.86514	6.16E-01	5.37E-01	7.99E-01	6.97E-01	9.52E-01	8.31E-01
2060	387352.74, 3750584.85	23.24206	20.27997	5.99E-01	5.22E-01	7.77E-01	6.78E-01	9.26E-01	8.08E-01
2061	387352.74, 3750609.85	22.62178	19.73501	5.83E-01	5.08E-01	7.56E-01	6.60E-01	9.01E-01	7.86E-01
2062	387352.74, 3750634.85	22.0284	19.21472	5.67E-01	4.95E-01	7.36E-01	6.42E-01	8.77E-01	7.65E-01
2063	387352.74, 3750659.85	21.46632	18.72212	5.53E-01	4.82E-01	7.18E-01	6.26E-01	8.55E-01	7.46E-01
2064	387352.74, 3750684.85	20.93843	18.25472	5.39E-01	4.70E-01	7.00E-01	6.10E-01	8.34E-01	7.27E-01
2065	387352.74, 3750709.85	20.43726	17.81052	5.26E-01	4.59E-01	6.83E-01	5.95E-01	8.14E-01	7.09E-01
2066	387352.74, 3750734.85	19.96056	17.38829	5.14E-01	4.48E-01	6.67E-01	5.81E-01	7.95E-01	6.92E-01
2067	387352.74, 3750759.85	19.50589	16.98595	5.02E-01	4.37E-01	6.52E-01	5.68E-01	7.77E-01	6.76E-01
2068	387352.74, 3750784.85	19.07052	16.60133	4.91E-01	4.27E-01	6.37E-01	5.55E-01	7.59E-01	6.61E-01
2069	387352.74, 3750809.85	18.65407	16.23367	4.80E-01	4.18E-01	6.24E-01	5.43E-01	7.43E-01	6.46E-01
2070	387352.74, 3750834.85	18.25508	15.88166	4.70E-01	4.09E-01	6.10E-01	5.31E-01	7.27E-01	6.32E-01
2071	387352.74, 3750859.85	17.87139	15.5436	4.60E-01	4.00E-01	5.97E-01	5.20E-01	7.12E-01	6.19E-01
2072	387352.74, 3750884.85	17.50194	15.2185	4.51E-01	3.92E-01	5.85E-01	5.09E-01	6.97E-01	6.06E-01
2073	387352.74, 3750909.85	17.1461	14.90563	4.42E-01	3.84E-01	5.73E-01	4.98E-01	6.83E-01	5.94E-01
2074	387352.74, 3750934.85	16.80281	14.60402	4.33E-01	3.76E-01	5.62E-01	4.88E-01	6.69E-01	5.82E-01
2075	387352.74, 3750959.85	16.47068	14.3126	4.24E-01	3.69E-01	5.51E-01	4.78E-01	6.56E-01	5.70E-01
2076	387352.74, 3750984.85	16.14832	14.03029	4.16E-01	3.61E-01	5.40E-01	4.69E-01	6.43E-01	5.59E-01
2077	387352.74, 3751009.85	15.83409	13.75591	4.08E-01	3.54E-01	5.29E-01	4.60E-01	6.31E-01	5.48E-01
2078	387352.74, 3751034.85	15.53191	13.49139	4.00E-01	3.47E-01	5.19E-01	4.51E-01	6.19E-01	5.37E-01
2079	387352.74, 3751059.85	15.23959	13.23526	3.92E-01	3.41E-01	5.09E-01	4.42E-01	6.07E-01	5.27E-01
2080	387352.74, 3751084.85	14.9552	12.98624	3.85E-01	3.34E-01	5.00E-01	4.34E-01	5.96E-01	5.17E-01
2081	387352.74, 3751109.85	14.67777	12.74356	3.78E-01	3.28E-01	4.91E-01	4.26E-01	5.84E-01	5.07E-01
2082	387352.74, 3751134.85	14.40792	12.50737	3.71E-01	3.22E-01	4.82E-01	4.18E-01	5.74E-01	4.98E-01
2083	387352.74, 3751159.85	14.14399	12.27656	3.64E-01	3.16E-01	4.73E-01	4.10E-01	5.63E-01	4.89E-01

2084	387352.74, 3751184.85	13.88663	12.05131	3.58E-01	3.10E-01	4.64E-01	4.03E-01	5.53E-01	4.80E-01
2085	387352.74, 3751209.85	13.63444	11.83065	3.51E-01	3.05E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
2086	387352.74, 3751234.85	13.38644	11.61386	3.45E-01	2.99E-01	4.47E-01	3.88E-01	5.33E-01	4.62E-01
2087	387352.74, 3751259.85	13.14251	11.40072	3.38E-01	2.94E-01	4.39E-01	3.81E-01	5.23E-01	4.54E-01
2088	387352.74, 3751284.85	12.90205	11.19072	3.32E-01	2.88E-01	4.31E-01	3.74E-01	5.14E-01	4.46E-01
2089	387352.74, 3751309.85	12.66401	10.9831	3.26E-01	2.83E-01	4.23E-01	3.67E-01	5.04E-01	4.37E-01
2090	387352.74, 3751334.85	12.42835	10.77769	3.20E-01	2.78E-01	4.15E-01	3.60E-01	4.95E-01	4.29E-01
2091	387352.74, 3751359.85	12.19438	10.57391	3.14E-01	2.72E-01	4.08E-01	3.53E-01	4.86E-01	4.21E-01
2092	387352.74, 3751384.85	11.9614	10.37121	3.08E-01	2.67E-01	4.00E-01	3.47E-01	4.76E-01	4.13E-01
2093	387352.74, 3751409.85	11.72969	10.16956	3.02E-01	2.62E-01	3.92E-01	3.40E-01	4.67E-01	4.05E-01
2094	387352.74, 3751434.85	11.49832	9.96825	2.96E-01	2.57E-01	3.84E-01	3.33E-01	4.58E-01	3.97E-01
2095	387352.74, 3751459.85	11.26659	9.76669	2.90E-01	2.52E-01	3.77E-01	3.26E-01	4.49E-01	3.89E-01
2096	387352.74, 3751484.85	11.03389	9.56433	2.84E-01	2.46E-01	3.69E-01	3.20E-01	4.39E-01	3.81E-01
2097	387352.74, 3751509.85	10.79952	9.36054	2.78E-01	2.41E-01	3.61E-01	3.13E-01	4.30E-01	3.73E-01
2098	387352.74, 3751534.85	10.56265	9.15463	2.72E-01	2.36E-01	3.53E-01	3.06E-01	4.21E-01	3.65E-01
2099	387352.74, 3751559.85	10.32217	8.94571	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.11E-01	3.56E-01
2100	387352.74, 3751584.85	10.07762	8.73322	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.01E-01	3.48E-01
2101	387352.74, 3751609.85	9.82775	8.51619	2.53E-01	2.19E-01	3.29E-01	2.85E-01	3.91E-01	3.39E-01
2102	387352.74, 3751634.85	9.57139	8.29362	2.46E-01	2.14E-01	3.20E-01	2.77E-01	3.81E-01	3.30E-01
2103	387352.74, 3751659.85	9.30762	8.06466	2.40E-01	2.08E-01	3.11E-01	2.70E-01	3.71E-01	3.21E-01
2104	387352.74, 3751684.85	9.03548	7.82842	2.33E-01	2.02E-01	3.02E-01	2.62E-01	3.60E-01	3.12E-01
2105	387352.74, 3751709.85	8.75365	7.5838	2.25E-01	1.95E-01	2.93E-01	2.53E-01	3.49E-01	3.02E-01
2106	387352.74, 3751734.85	8.46121	7.32996	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.37E-01	2.92E-01
2107	387352.74, 3751759.85	8.1571	7.06604	2.10E-01	1.82E-01	2.73E-01	2.36E-01	3.25E-01	2.81E-01
2108	387352.74, 3751784.85	7.96848	6.79154	2.05E-01	1.75E-01	2.66E-01	2.27E-01	3.17E-01	2.70E-01
2109	387352.74, 3751809.85	7.79606	6.61778	2.01E-01	1.70E-01	2.61E-01	2.21E-01	3.10E-01	2.64E-01
2110	387352.74, 3751834.85	7.61949	6.46279	1.96E-01	1.66E-01	2.55E-01	2.16E-01	3.03E-01	2.57E-01
2111	387352.74, 3751859.85	7.44119	6.28671	1.92E-01	1.62E-01	2.49E-01	2.10E-01	2.96E-01	2.50E-01
2112	387377.74, 3749834.85	67.9643	60.60257	1.75E+00	1.56E+00	2.27E+00	2.03E+00	2.71E+00	2.41E+00
2113	387377.74, 3749859.85	61.65776	54.74927	1.59E+00	1.41E+00	2.06E+00	1.83E+00	2.46E+00	2.18E+00
2114	387377.74, 3749884.85	56.54666	50.04816	1.46E+00	1.29E+00	1.89E+00	1.67E+00	2.25E+00	1.99E+00
2115	387377.74, 3749909.85	52.31841	46.18647	1.35E+00	1.19E+00	1.75E+00	1.54E+00	2.08E+00	1.84E+00
2116	387377.74, 3749934.85	48.73451	42.93473	1.25E+00	1.11E+00	1.63E+00	1.44E+00	1.94E+00	1.71E+00
2117	387377.74, 3749959.85	45.6563	40.15656	1.18E+00	1.03E+00	1.53E+00	1.34E+00	1.82E+00	1.60E+00
2118	387377.74, 3749984.85	42.99962	37.76704	1.11E+00	9.73E-01	1.44E+00	1.26E+00	1.71E+00	1.50E+00
2119	387377.74, 3750009.85	40.64277	35.65794	1.05E+00	9.18E-01	1.36E+00	1.19E+00	1.62E+00	1.42E+00

2120	387377.74, 3750034.85	38.53956	33.78358	9.92E-01	8.70E-01	1.29E+00	1.13E+00	1.53E+00	1.35E+00
2121	387377.74, 3750059.85	36.65824	32.11195	9.44E-01	8.27E-01	1.23E+00	1.07E+00	1.46E+00	1.28E+00
2122	387377.74, 3750084.85	34.96032	30.60755	9.00E-01	7.88E-01	1.17E+00	1.02E+00	1.39E+00	1.22E+00
2123	387377.74, 3750109.85	33.44455	29.26508	8.61E-01	7.54E-01	1.12E+00	9.78E-01	1.33E+00	1.17E+00
2124	387377.74, 3750134.85	32.0718	28.05082	8.26E-01	7.22E-01	1.07E+00	9.38E-01	1.28E+00	1.12E+00
2125	387377.74, 3750159.85	30.81997	26.94494	7.94E-01	6.94E-01	1.03E+00	9.01E-01	1.23E+00	1.07E+00
2126	387377.74, 3750184.85	29.67356	25.93328	7.64E-01	6.68E-01	9.92E-01	8.67E-01	1.18E+00	1.03E+00
2127	387377.74, 3750209.85	28.61782	25.00266	7.37E-01	6.44E-01	9.57E-01	8.36E-01	1.14E+00	9.96E-01
2128	387377.74, 3750234.85	27.63775	24.14007	7.12E-01	6.22E-01	9.24E-01	8.07E-01	1.10E+00	9.61E-01
2129	387377.74, 3750259.85	26.72947	23.34128	6.88E-01	6.01E-01	8.93E-01	7.80E-01	1.06E+00	9.29E-01
2130	387377.74, 3750284.85	25.88674	22.60047	6.67E-01	5.82E-01	8.65E-01	7.55E-01	1.03E+00	9.00E-01
2131	387377.74, 3750309.85	25.10204	21.91098	6.46E-01	5.64E-01	8.39E-01	7.32E-01	1.00E+00	8.73E-01
2132	387377.74, 3750334.85	24.36699	21.2656	6.27E-01	5.48E-01	8.14E-01	7.11E-01	9.70E-01	8.47E-01
2133	387377.74, 3750359.85	23.67886	20.6616	6.10E-01	5.32E-01	7.91E-01	6.91E-01	9.43E-01	8.23E-01
2134	387377.74, 3750384.85	23.03158	20.09377	5.93E-01	5.17E-01	7.70E-01	6.72E-01	9.17E-01	8.00E-01
2135	387377.74, 3750409.85	22.42158	19.55888	5.77E-01	5.04E-01	7.49E-01	6.54E-01	8.93E-01	7.79E-01
2136	387377.74, 3750434.85	21.84647	19.0547	5.63E-01	4.91E-01	7.30E-01	6.37E-01	8.70E-01	7.59E-01
2137	387377.74, 3750459.85	21.30685	18.5787	5.49E-01	4.78E-01	7.12E-01	6.21E-01	8.48E-01	7.40E-01
2138	387377.74, 3750484.85	20.79265	18.12363	5.35E-01	4.67E-01	6.95E-01	6.06E-01	8.28E-01	7.22E-01
2139	387377.74, 3750509.85	20.29724	17.68783	5.23E-01	4.55E-01	6.78E-01	5.91E-01	8.08E-01	7.04E-01
2140	387377.74, 3750534.85	19.82792	17.27468	5.11E-01	4.45E-01	6.63E-01	5.77E-01	7.90E-01	6.88E-01
2141	387377.74, 3750559.85	19.38455	16.88345	4.99E-01	4.35E-01	6.48E-01	5.64E-01	7.72E-01	6.72E-01
2142	387377.74, 3750584.85	18.96583	16.51279	4.88E-01	4.25E-01	6.34E-01	5.52E-01	7.55E-01	6.58E-01
2143	387377.74, 3750609.85	18.57478	16.16385	4.78E-01	4.16E-01	6.21E-01	5.40E-01	7.40E-01	6.44E-01
2144	387377.74, 3750634.85	18.19198	15.82527	4.68E-01	4.08E-01	6.08E-01	5.29E-01	7.24E-01	6.30E-01
2145	387377.74, 3750659.85	17.82302	15.49973	4.59E-01	3.99E-01	5.96E-01	5.18E-01	7.10E-01	6.17E-01
2146	387377.74, 3750684.85	17.46744	15.18661	4.50E-01	3.91E-01	5.84E-01	5.08E-01	6.96E-01	6.05E-01
2147	387377.74, 3750709.85	17.12459	14.88518	4.41E-01	3.83E-01	5.72E-01	4.98E-01	6.82E-01	5.93E-01
2148	387377.74, 3750734.85	16.79477	14.59527	4.32E-01	3.76E-01	5.61E-01	4.88E-01	6.69E-01	5.81E-01
2149	387377.74, 3750759.85	16.47684	14.31594	4.24E-01	3.69E-01	5.51E-01	4.79E-01	6.56E-01	5.70E-01
2150	387377.74, 3750784.85	16.16978	14.04636	4.16E-01	3.62E-01	5.40E-01	4.70E-01	6.44E-01	5.59E-01
2151	387377.74, 3750809.85	15.87293	13.78589	4.09E-01	3.55E-01	5.31E-01	4.61E-01	6.32E-01	5.49E-01
2152	387377.74, 3750834.85	15.58546	13.53384	4.01E-01	3.49E-01	5.21E-01	4.52E-01	6.21E-01	5.39E-01
2153	387377.74, 3750859.85	15.30648	13.2895	3.94E-01	3.42E-01	5.12E-01	4.44E-01	6.10E-01	5.29E-01
2154	387377.74, 3750884.85	15.03583	13.05257	3.87E-01	3.36E-01	5.03E-01	4.36E-01	5.99E-01	5.20E-01
2155	387377.74, 3750909.85	14.77292	12.82254	3.80E-01	3.30E-01	4.94E-01	4.29E-01	5.88E-01	5.11E-01

2156	387377.74, 3750934.85	14.5171	12.59886	3.74E-01	3.24E-01	4.85E-01	4.21E-01	5.78E-01	5.02E-01
2157	387377.74, 3750959.85	14.26804	12.38118	3.67E-01	3.19E-01	4.77E-01	4.14E-01	5.68E-01	4.93E-01
2158	387377.74, 3750984.85	14.0251	12.169	3.61E-01	3.13E-01	4.69E-01	4.07E-01	5.58E-01	4.85E-01
2159	387377.74, 3751009.85	13.78586	11.96081	3.55E-01	3.08E-01	4.61E-01	4.00E-01	5.49E-01	4.76E-01
2160	387377.74, 3751034.85	13.55415	11.75862	3.49E-01	3.03E-01	4.53E-01	3.93E-01	5.40E-01	4.68E-01
2161	387377.74, 3751059.85	13.32849	11.56145	3.43E-01	2.98E-01	4.46E-01	3.86E-01	5.31E-01	4.60E-01
2162	387377.74, 3751084.85	13.10711	11.3682	3.38E-01	2.93E-01	4.38E-01	3.80E-01	5.22E-01	4.53E-01
2163	387377.74, 3751109.85	12.88936	11.17837	3.32E-01	2.88E-01	4.31E-01	3.74E-01	5.13E-01	4.45E-01
2164	387377.74, 3751134.85	12.67617	10.99237	3.26E-01	2.83E-01	4.24E-01	3.67E-01	5.05E-01	4.38E-01
2165	387377.74, 3751159.85	12.46651	10.8095	3.21E-01	2.78E-01	4.17E-01	3.61E-01	4.96E-01	4.30E-01
2166	387377.74, 3751184.85	12.2606	10.62977	3.16E-01	2.74E-01	4.10E-01	3.55E-01	4.88E-01	4.23E-01
2167	387377.74, 3751209.85	12.05731	10.45242	3.10E-01	2.69E-01	4.03E-01	3.49E-01	4.80E-01	4.16E-01
2168	387377.74, 3751234.85	11.85628	10.27715	3.05E-01	2.65E-01	3.96E-01	3.44E-01	4.72E-01	4.09E-01
2169	387377.74, 3751259.85	11.65735	10.10374	3.00E-01	2.60E-01	3.90E-01	3.38E-01	4.64E-01	4.02E-01
2170	387377.74, 3751284.85	11.45987	9.93173	2.95E-01	2.56E-01	3.83E-01	3.32E-01	4.56E-01	3.95E-01
2171	387377.74, 3751309.85	11.26334	9.7607	2.90E-01	2.51E-01	3.76E-01	3.26E-01	4.49E-01	3.89E-01
2172	387377.74, 3751334.85	11.06774	9.59054	2.85E-01	2.47E-01	3.70E-01	3.21E-01	4.41E-01	3.82E-01
2173	387377.74, 3751359.85	10.87255	9.42081	2.80E-01	2.43E-01	3.63E-01	3.15E-01	4.33E-01	3.75E-01
2174	387377.74, 3751384.85	10.67718	9.25106	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.68E-01
2175	387377.74, 3751409.85	10.4816	9.08113	2.70E-01	2.34E-01	3.50E-01	3.04E-01	4.17E-01	3.62E-01
2176	387377.74, 3751434.85	10.28516	8.91051	2.65E-01	2.29E-01	3.44E-01	2.98E-01	4.10E-01	3.55E-01
2177	387377.74, 3751459.85	10.08731	8.73874	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.02E-01	3.48E-01
2178	387377.74, 3751484.85	9.88773	8.56547	2.55E-01	2.21E-01	3.31E-01	2.86E-01	3.94E-01	3.41E-01
2179	387377.74, 3751509.85	9.68597	8.39027	2.49E-01	2.16E-01	3.24E-01	2.80E-01	3.86E-01	3.34E-01
2180	387377.74, 3751534.85	9.48123	8.2125	2.44E-01	2.11E-01	3.17E-01	2.75E-01	3.78E-01	3.27E-01
2181	387377.74, 3751559.85	9.27264	8.03147	2.39E-01	2.07E-01	3.10E-01	2.68E-01	3.69E-01	3.20E-01
2182	387377.74, 3751584.85	9.05968	7.84667	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
2183	387377.74, 3751609.85	8.8417	7.65751	2.28E-01	1.97E-01	2.96E-01	2.56E-01	3.52E-01	3.05E-01
2184	387377.74, 3751634.85	8.61783	7.46326	2.22E-01	1.92E-01	2.88E-01	2.49E-01	3.43E-01	2.97E-01
2185	387377.74, 3751659.85	8.38709	7.26312	2.16E-01	1.87E-01	2.80E-01	2.43E-01	3.34E-01	2.89E-01
2186	387377.74, 3751684.85	8.1488	7.05648	2.10E-01	1.82E-01	2.72E-01	2.36E-01	3.24E-01	2.81E-01
2187	387377.74, 3751709.85	7.90242	6.8428	2.03E-01	1.76E-01	2.64E-01	2.29E-01	3.15E-01	2.72E-01
2188	387377.74, 3751734.85	7.65954	6.62144	1.97E-01	1.71E-01	2.56E-01	2.21E-01	3.05E-01	2.64E-01
2189	387377.74, 3751759.85	7.51543	6.39203	1.94E-01	1.65E-01	2.51E-01	2.14E-01	2.99E-01	2.55E-01
2190	387377.74, 3751784.85	7.36809	6.24837	1.90E-01	1.61E-01	2.46E-01	2.09E-01	2.93E-01	2.49E-01
2191	387402.74, 3749609.85	72.671	65.00338	1.87E+00	1.67E+00	2.43E+00	2.17E+00	2.89E+00	2.59E+00

2192	387402.74, 3749634.85	65.47976	58.26813	1.69E+00	1.50E+00	2.19E+00	1.95E+00	2.61E+00	2.32E+00
2193	387402.74, 3749659.85	59.62871	52.86076	1.54E+00	1.36E+00	1.99E+00	1.77E+00	2.37E+00	2.10E+00
2194	387402.74, 3749684.85	54.78106	48.42597	1.41E+00	1.25E+00	1.83E+00	1.62E+00	2.18E+00	1.93E+00
2195	387402.74, 3749709.85	50.75328	44.76502	1.31E+00	1.15E+00	1.70E+00	1.50E+00	2.02E+00	1.78E+00
2196	387402.74, 3749734.85	47.37267	41.70526	1.22E+00	1.07E+00	1.58E+00	1.39E+00	1.89E+00	1.66E+00
2197	387402.74, 3749759.85	44.46876	39.08857	1.15E+00	1.01E+00	1.49E+00	1.31E+00	1.77E+00	1.56E+00
2198	387402.74, 3749784.85	41.9161	36.80017	1.08E+00	9.48E-01	1.40E+00	1.23E+00	1.67E+00	1.47E+00
2199	387402.74, 3749809.85	39.64885	34.77689	1.02E+00	8.96E-01	1.33E+00	1.16E+00	1.58E+00	1.38E+00
2200	387402.74, 3749834.85	37.62151	32.97465	9.69E-01	8.49E-01	1.26E+00	1.10E+00	1.50E+00	1.31E+00
2201	387402.74, 3749859.85	35.82975	31.3834	9.23E-01	8.08E-01	1.20E+00	1.05E+00	1.43E+00	1.25E+00
2202	387402.74, 3749884.85	34.22373	29.95939	8.81E-01	7.71E-01	1.14E+00	1.00E+00	1.36E+00	1.19E+00
2203	387402.74, 3749909.85	32.7692	28.67215	8.44E-01	7.38E-01	1.10E+00	9.58E-01	1.30E+00	1.14E+00
2204	387402.74, 3749934.85	31.44409	27.50146	8.10E-01	7.08E-01	1.05E+00	9.19E-01	1.25E+00	1.10E+00
2205	387402.74, 3749959.85	30.24841	26.44482	7.79E-01	6.81E-01	1.01E+00	8.84E-01	1.20E+00	1.05E+00
2206	387402.74, 3749984.85	29.16523	25.48713	7.51E-01	6.56E-01	9.75E-01	8.52E-01	1.16E+00	1.01E+00
2207	387402.74, 3750009.85	28.15596	24.59692	7.25E-01	6.33E-01	9.41E-01	8.22E-01	1.12E+00	9.79E-01
2208	387402.74, 3750034.85	27.21512	23.76864	7.01E-01	6.12E-01	9.10E-01	7.94E-01	1.08E+00	9.47E-01
2209	387402.74, 3750059.85	26.34179	23.00044	6.78E-01	5.92E-01	8.81E-01	7.69E-01	1.05E+00	9.16E-01
2210	387402.74, 3750084.85	25.52518	22.28304	6.57E-01	5.74E-01	8.53E-01	7.45E-01	1.02E+00	8.87E-01
2211	387402.74, 3750109.85	24.76521	21.61557	6.38E-01	5.57E-01	8.28E-01	7.23E-01	9.86E-01	8.61E-01
2212	387402.74, 3750134.85	24.05537	20.99233	6.19E-01	5.41E-01	8.04E-01	7.02E-01	9.58E-01	8.36E-01
2213	387402.74, 3750159.85	23.3891	20.40767	6.02E-01	5.26E-01	7.82E-01	6.82E-01	9.31E-01	8.13E-01
2214	387402.74, 3750184.85	22.76196	19.85765	5.86E-01	5.11E-01	7.61E-01	6.64E-01	9.06E-01	7.91E-01
2215	387402.74, 3750209.85	22.17025	19.33898	5.71E-01	4.98E-01	7.41E-01	6.46E-01	8.83E-01	7.70E-01
2216	387402.74, 3750234.85	21.61026	18.84842	5.56E-01	4.85E-01	7.22E-01	6.30E-01	8.61E-01	7.51E-01
2217	387402.74, 3750259.85	21.08594	18.3861	5.43E-01	4.73E-01	7.05E-01	6.15E-01	8.40E-01	7.32E-01
2218	387402.74, 3750284.85	20.59229	17.94788	5.30E-01	4.62E-01	6.88E-01	6.00E-01	8.20E-01	7.15E-01
2219	387402.74, 3750309.85	20.12192	17.53117	5.18E-01	4.51E-01	6.73E-01	5.86E-01	8.01E-01	6.98E-01
2220	387402.74, 3750334.85	19.67375	17.13467	5.07E-01	4.41E-01	6.58E-01	5.73E-01	7.83E-01	6.82E-01
2221	387402.74, 3750359.85	19.24922	16.75853	4.96E-01	4.32E-01	6.43E-01	5.60E-01	7.67E-01	6.67E-01
2222	387402.74, 3750384.85	18.84222	16.39877	4.85E-01	4.22E-01	6.30E-01	5.48E-01	7.50E-01	6.53E-01
2223	387402.74, 3750409.85	18.45227	16.05459	4.75E-01	4.13E-01	6.17E-01	5.37E-01	7.35E-01	6.39E-01
2224	387402.74, 3750434.85	18.07994	15.72587	4.66E-01	4.05E-01	6.04E-01	5.26E-01	7.20E-01	6.26E-01
2225	387402.74, 3750459.85	17.72399	15.41149	4.56E-01	3.97E-01	5.92E-01	5.15E-01	7.06E-01	6.14E-01
2226	387402.74, 3750484.85	17.37992	15.10856	4.48E-01	3.89E-01	5.81E-01	5.05E-01	6.92E-01	6.02E-01
2227	387402.74, 3750509.85	17.04522	14.81534	4.39E-01	3.82E-01	5.70E-01	4.95E-01	6.79E-01	5.90E-01

2228	387402.74, 3750534.85	16.7243	14.53399	4.31E-01	3.74E-01	5.59E-01	4.86E-01	6.66E-01	5.79E-01
2229	387402.74, 3750559.85	16.41632	14.26375	4.23E-01	3.67E-01	5.49E-01	4.77E-01	6.54E-01	5.68E-01
2230	387402.74, 3750584.85	16.12066	14.004	4.15E-01	3.61E-01	5.39E-01	4.68E-01	6.42E-01	5.58E-01
2231	387402.74, 3750609.85	15.83881	13.75535	4.08E-01	3.54E-01	5.29E-01	4.60E-01	6.31E-01	5.48E-01
2232	387402.74, 3750634.85	15.56384	13.51369	4.01E-01	3.48E-01	5.20E-01	4.52E-01	6.20E-01	5.38E-01
2233	387402.74, 3750659.85	15.29699	13.27953	3.94E-01	3.42E-01	5.11E-01	4.44E-01	6.09E-01	5.29E-01
2234	387402.74, 3750684.85	15.03752	13.05225	3.87E-01	3.36E-01	5.03E-01	4.36E-01	5.99E-01	5.20E-01
2235	387402.74, 3750709.85	14.78523	12.83158	3.81E-01	3.30E-01	4.94E-01	4.29E-01	5.89E-01	5.11E-01
2236	387402.74, 3750734.85	14.54076	12.6177	3.74E-01	3.25E-01	4.86E-01	4.22E-01	5.79E-01	5.02E-01
2237	387402.74, 3750759.85	14.30315	12.40993	3.68E-01	3.20E-01	4.78E-01	4.15E-01	5.70E-01	4.94E-01
2238	387402.74, 3750784.85	14.07217	12.20799	3.62E-01	3.14E-01	4.70E-01	4.08E-01	5.60E-01	4.86E-01
2239	387402.74, 3750809.85	13.84736	12.0115	3.57E-01	3.09E-01	4.63E-01	4.01E-01	5.51E-01	4.78E-01
2240	387402.74, 3750834.85	13.62815	11.82	3.51E-01	3.04E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
2241	387402.74, 3750859.85	13.41414	11.63317	3.45E-01	3.00E-01	4.48E-01	3.89E-01	5.34E-01	4.63E-01
2242	387402.74, 3750884.85	13.20492	11.45065	3.40E-01	2.95E-01	4.41E-01	3.83E-01	5.26E-01	4.56E-01
2243	387402.74, 3750909.85	13.00049	11.27233	3.35E-01	2.90E-01	4.35E-01	3.77E-01	5.18E-01	4.49E-01
2244	387402.74, 3750934.85	12.80084	11.09812	3.30E-01	2.86E-01	4.28E-01	3.71E-01	5.10E-01	4.42E-01
2245	387402.74, 3750959.85	12.60532	10.92755	3.25E-01	2.81E-01	4.21E-01	3.65E-01	5.02E-01	4.35E-01
2246	387402.74, 3750984.85	12.41323	10.76013	3.20E-01	2.77E-01	4.15E-01	3.60E-01	4.94E-01	4.28E-01
2247	387402.74, 3751009.85	12.22319	10.59502	3.15E-01	2.73E-01	4.09E-01	3.54E-01	4.87E-01	4.22E-01
2248	387402.74, 3751034.85	12.03735	10.43331	3.10E-01	2.69E-01	4.02E-01	3.49E-01	4.79E-01	4.15E-01
2249	387402.74, 3751059.85	11.85535	10.27472	3.05E-01	2.65E-01	3.96E-01	3.43E-01	4.72E-01	4.09E-01
2250	387402.74, 3751084.85	11.67601	10.1185	3.01E-01	2.61E-01	3.90E-01	3.38E-01	4.65E-01	4.03E-01
2251	387402.74, 3751109.85	11.49885	9.96431	2.96E-01	2.57E-01	3.84E-01	3.33E-01	4.58E-01	3.97E-01
2252	387402.74, 3751134.85	11.32421	9.81225	2.92E-01	2.53E-01	3.79E-01	3.28E-01	4.51E-01	3.91E-01
2253	387402.74, 3751159.85	11.15151	9.66192	2.87E-01	2.49E-01	3.73E-01	3.23E-01	4.44E-01	3.85E-01
2254	387402.74, 3751184.85	10.98065	9.51319	2.83E-01	2.45E-01	3.67E-01	3.18E-01	4.37E-01	3.79E-01
2255	387402.74, 3751209.85	10.81122	9.36573	2.78E-01	2.41E-01	3.61E-01	3.13E-01	4.31E-01	3.73E-01
2256	387402.74, 3751234.85	10.6429	9.21929	2.74E-01	2.37E-01	3.56E-01	3.08E-01	4.24E-01	3.67E-01
2257	387402.74, 3751259.85	10.47543	9.07362	2.70E-01	2.34E-01	3.50E-01	3.03E-01	4.17E-01	3.61E-01
2258	387402.74, 3751284.85	10.30843	8.92844	2.65E-01	2.30E-01	3.45E-01	2.98E-01	4.10E-01	3.56E-01
2259	387402.74, 3751309.85	10.14151	8.78344	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
2260	387402.74, 3751334.85	9.97456	8.63845	2.57E-01	2.22E-01	3.33E-01	2.89E-01	3.97E-01	3.44E-01
2261	387402.74, 3751359.85	9.80719	8.49316	2.53E-01	2.19E-01	3.28E-01	2.84E-01	3.91E-01	3.38E-01
2262	387402.74, 3751384.85	9.63909	8.34729	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.84E-01	3.32E-01
2263	387402.74, 3751409.85	9.47018	8.20068	2.44E-01	2.11E-01	3.17E-01	2.74E-01	3.77E-01	3.27E-01

2264	387402.74, 3751434.85	9.29979	8.05284	2.39E-01	2.07E-01	3.11E-01	2.69E-01	3.70E-01	3.21E-01
2265	387402.74, 3751459.85	9.12742	7.90336	2.35E-01	2.04E-01	3.05E-01	2.64E-01	3.63E-01	3.15E-01
2266	387402.74, 3751484.85	8.95287	7.75201	2.31E-01	2.00E-01	2.99E-01	2.59E-01	3.57E-01	3.09E-01
2267	387402.74, 3751509.85	8.77591	7.59849	2.26E-01	1.96E-01	2.93E-01	2.54E-01	3.49E-01	3.03E-01
2268	387402.74, 3751534.85	8.59592	7.44234	2.21E-01	1.92E-01	2.87E-01	2.49E-01	3.42E-01	2.96E-01
2269	387402.74, 3751559.85	8.41207	7.2829	2.17E-01	1.88E-01	2.81E-01	2.43E-01	3.35E-01	2.90E-01
2270	387402.74, 3751584.85	8.22401	7.11982	2.12E-01	1.83E-01	2.75E-01	2.38E-01	3.27E-01	2.84E-01
2271	387402.74, 3751609.85	8.03125	6.95265	2.07E-01	1.79E-01	2.68E-01	2.32E-01	3.20E-01	2.77E-01
2272	387427.74, 3749409.85	69.37882	61.93083	1.79E+00	1.59E+00	2.32E+00	2.07E+00	2.76E+00	2.47E+00
2273	387427.74, 3749434.85	62.7859	55.7847	1.62E+00	1.44E+00	2.10E+00	1.86E+00	2.50E+00	2.22E+00
2274	387427.74, 3749459.85	57.41044	50.83044	1.48E+00	1.31E+00	1.92E+00	1.70E+00	2.29E+00	2.02E+00
2275	387427.74, 3749484.85	52.95892	46.76294	1.36E+00	1.20E+00	1.77E+00	1.56E+00	2.11E+00	1.86E+00
2276	387427.74, 3749509.85	49.21039	43.36126	1.27E+00	1.12E+00	1.64E+00	1.45E+00	1.96E+00	1.73E+00
2277	387427.74, 3749534.85	46.00431	40.4684	1.18E+00	1.04E+00	1.54E+00	1.35E+00	1.83E+00	1.61E+00
2278	387427.74, 3749559.85	43.23347	37.97934	1.11E+00	9.78E-01	1.45E+00	1.27E+00	1.72E+00	1.51E+00
2279	387427.74, 3749584.85	40.80444	35.80635	1.05E+00	9.22E-01	1.36E+00	1.20E+00	1.62E+00	1.43E+00
2280	387427.74, 3749609.85	38.65162	33.88765	9.95E-01	8.73E-01	1.29E+00	1.13E+00	1.54E+00	1.35E+00
2281	387427.74, 3749634.85	36.73656	32.18545	9.46E-01	8.29E-01	1.23E+00	1.08E+00	1.46E+00	1.28E+00
2282	387427.74, 3749659.85	35.02171	30.66462	9.02E-01	7.90E-01	1.17E+00	1.03E+00	1.39E+00	1.22E+00
2283	387427.74, 3749684.85	33.46453	29.2876	8.62E-01	7.54E-01	1.12E+00	9.79E-01	1.33E+00	1.17E+00
2284	387427.74, 3749709.85	32.06665	28.05204	8.26E-01	7.22E-01	1.07E+00	9.38E-01	1.28E+00	1.12E+00
2285	387427.74, 3749734.85	30.80572	26.93778	7.93E-01	6.94E-01	1.03E+00	9.00E-01	1.23E+00	1.07E+00
2286	387427.74, 3749759.85	29.65759	25.92385	7.64E-01	6.68E-01	9.91E-01	8.67E-01	1.18E+00	1.03E+00
2287	387427.74, 3749784.85	28.60122	24.99212	7.37E-01	6.44E-01	9.56E-01	8.35E-01	1.14E+00	9.95E-01
2288	387427.74, 3749809.85	27.62231	24.13003	7.11E-01	6.21E-01	9.23E-01	8.07E-01	1.10E+00	9.61E-01
2289	387427.74, 3749834.85	26.71369	23.33079	6.88E-01	6.01E-01	8.93E-01	7.80E-01	1.06E+00	9.29E-01
2290	387427.74, 3749859.85	25.87669	22.59436	6.66E-01	5.82E-01	8.65E-01	7.55E-01	1.03E+00	9.00E-01
2291	387427.74, 3749884.85	25.09513	21.90739	6.46E-01	5.64E-01	8.39E-01	7.32E-01	9.99E-01	8.72E-01
2292	387427.74, 3749909.85	24.36053	21.26257	6.27E-01	5.48E-01	8.14E-01	7.11E-01	9.70E-01	8.47E-01
2293	387427.74, 3749934.85	23.67011	20.65712	6.10E-01	5.32E-01	7.91E-01	6.90E-01	9.43E-01	8.23E-01
2294	387427.74, 3749959.85	23.0396	20.10262	5.93E-01	5.18E-01	7.70E-01	6.72E-01	9.17E-01	8.01E-01
2295	387427.74, 3749984.85	22.44156	19.57741	5.78E-01	5.04E-01	7.50E-01	6.54E-01	8.94E-01	7.80E-01
2296	387427.74, 3750009.85	21.87201	19.07803	5.63E-01	4.91E-01	7.31E-01	6.38E-01	8.71E-01	7.60E-01
2297	387427.74, 3750034.85	21.3328	18.60553	5.49E-01	4.79E-01	7.13E-01	6.22E-01	8.50E-01	7.41E-01
2298	387427.74, 3750059.85	20.83063	18.15969	5.36E-01	4.68E-01	6.96E-01	6.07E-01	8.30E-01	7.23E-01
2299	387427.74, 3750084.85	20.34966	17.73402	5.24E-01	4.57E-01	6.80E-01	5.93E-01	8.10E-01	7.06E-01

2300	387427.74, 3750109.85	19.89406	17.33073	5.12E-01	4.46E-01	6.65E-01	5.79E-01	7.92E-01	6.90E-01
2301	387427.74, 3750134.85	19.46116	16.94763	5.01E-01	4.36E-01	6.51E-01	5.66E-01	7.75E-01	6.75E-01
2302	387427.74, 3750159.85	19.04894	16.58298	4.91E-01	4.27E-01	6.37E-01	5.54E-01	7.59E-01	6.60E-01
2303	387427.74, 3750184.85	18.65445	16.23457	4.80E-01	4.18E-01	6.24E-01	5.43E-01	7.43E-01	6.46E-01
2304	387427.74, 3750209.85	18.27519	15.90052	4.71E-01	4.09E-01	6.11E-01	5.31E-01	7.28E-01	6.33E-01
2305	387427.74, 3750234.85	17.91249	15.58114	4.61E-01	4.01E-01	5.99E-01	5.21E-01	7.13E-01	6.20E-01
2306	387427.74, 3750259.85	17.56695	15.27638	4.52E-01	3.93E-01	5.87E-01	5.11E-01	7.00E-01	6.08E-01
2307	387427.74, 3750284.85	17.2357	14.98428	4.44E-01	3.86E-01	5.76E-01	5.01E-01	6.86E-01	5.97E-01
2308	387427.74, 3750309.85	16.91663	14.70333	4.36E-01	3.79E-01	5.65E-01	4.91E-01	6.74E-01	5.86E-01
2309	387427.74, 3750334.85	16.60817	14.43236	4.28E-01	3.72E-01	5.55E-01	4.82E-01	6.61E-01	5.75E-01
2310	387427.74, 3750359.85	16.31342	14.17283	4.20E-01	3.65E-01	5.45E-01	4.74E-01	6.50E-01	5.64E-01
2311	387427.74, 3750384.85	16.02832	13.92221	4.13E-01	3.59E-01	5.36E-01	4.65E-01	6.38E-01	5.54E-01
2312	387427.74, 3750409.85	15.75309	13.68041	4.06E-01	3.52E-01	5.27E-01	4.57E-01	6.27E-01	5.45E-01
2313	387427.74, 3750434.85	15.48777	13.44723	3.99E-01	3.46E-01	5.18E-01	4.49E-01	6.17E-01	5.35E-01
2314	387427.74, 3750459.85	15.23172	13.22213	3.92E-01	3.40E-01	5.09E-01	4.42E-01	6.07E-01	5.27E-01
2315	387427.74, 3750484.85	14.98207	13.00333	3.86E-01	3.35E-01	5.01E-01	4.35E-01	5.97E-01	5.18E-01
2316	387427.74, 3750509.85	14.73856	12.79051	3.80E-01	3.29E-01	4.93E-01	4.28E-01	5.87E-01	5.09E-01
2317	387427.74, 3750534.85	14.50326	12.58469	3.73E-01	3.24E-01	4.85E-01	4.21E-01	5.78E-01	5.01E-01
2318	387427.74, 3750559.85	14.27532	12.38523	3.68E-01	3.19E-01	4.77E-01	4.14E-01	5.68E-01	4.93E-01
2319	387427.74, 3750584.85	14.05413	12.19166	3.62E-01	3.14E-01	4.70E-01	4.08E-01	5.60E-01	4.85E-01
2320	387427.74, 3750609.85	13.84064	12.00439	3.56E-01	3.09E-01	4.63E-01	4.01E-01	5.51E-01	4.78E-01
2321	387427.74, 3750634.85	13.63187	11.82165	3.51E-01	3.04E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
2322	387427.74, 3750659.85	13.42749	11.64313	3.46E-01	3.00E-01	4.49E-01	3.89E-01	5.35E-01	4.64E-01
2323	387427.74, 3750684.85	13.22768	11.46886	3.41E-01	2.95E-01	4.42E-01	3.83E-01	5.27E-01	4.57E-01
2324	387427.74, 3750709.85	13.03249	11.29873	3.36E-01	2.91E-01	4.36E-01	3.78E-01	5.19E-01	4.50E-01
2325	387427.74, 3750734.85	12.8423	11.13288	3.31E-01	2.87E-01	4.29E-01	3.72E-01	5.11E-01	4.43E-01
2326	387427.74, 3750759.85	12.65662	10.97094	3.26E-01	2.83E-01	4.23E-01	3.67E-01	5.04E-01	4.37E-01
2327	387427.74, 3750784.85	12.47494	10.81255	3.21E-01	2.78E-01	4.17E-01	3.61E-01	4.97E-01	4.31E-01
2328	387427.74, 3750809.85	12.29714	10.65757	3.17E-01	2.74E-01	4.11E-01	3.56E-01	4.90E-01	4.24E-01
2329	387427.74, 3750834.85	12.12287	10.50571	3.12E-01	2.71E-01	4.05E-01	3.51E-01	4.83E-01	4.18E-01
2330	387427.74, 3750859.85	11.95203	10.35686	3.08E-01	2.67E-01	4.00E-01	3.46E-01	4.76E-01	4.12E-01
2331	387427.74, 3750884.85	11.78427	10.21075	3.03E-01	2.63E-01	3.94E-01	3.41E-01	4.69E-01	4.07E-01
2332	387427.74, 3750909.85	11.6194	10.0672	2.99E-01	2.59E-01	3.88E-01	3.37E-01	4.63E-01	4.01E-01
2333	387427.74, 3750934.85	11.45738	9.92613	2.95E-01	2.56E-01	3.83E-01	3.32E-01	4.56E-01	3.95E-01
2334	387427.74, 3750959.85	11.2979	9.78729	2.91E-01	2.52E-01	3.78E-01	3.27E-01	4.50E-01	3.90E-01
2335	387427.74, 3750984.85	11.14063	9.65044	2.87E-01	2.49E-01	3.72E-01	3.23E-01	4.44E-01	3.84E-01

2336	387427.74, 3751009.85	10.98508	9.51526	2.83E-01	2.45E-01	3.67E-01	3.18E-01	4.37E-01	3.79E-01
2337	387427.74, 3751034.85	10.83154	9.38184	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.31E-01	3.74E-01
2338	387427.74, 3751059.85	10.67998	9.25009	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.68E-01
2339	387427.74, 3751084.85	10.53002	9.11976	2.71E-01	2.35E-01	3.52E-01	3.05E-01	4.19E-01	3.63E-01
2340	387427.74, 3751109.85	10.38143	8.99065	2.67E-01	2.32E-01	3.47E-01	3.01E-01	4.13E-01	3.58E-01
2341	387427.74, 3751134.85	10.23423	8.86271	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
2342	387427.74, 3751159.85	10.08796	8.73563	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.02E-01	3.48E-01
2343	387427.74, 3751184.85	9.94268	8.60937	2.56E-01	2.22E-01	3.32E-01	2.88E-01	3.96E-01	3.43E-01
2344	387427.74, 3751209.85	9.79802	8.48366	2.52E-01	2.18E-01	3.28E-01	2.84E-01	3.90E-01	3.38E-01
2345	387427.74, 3751234.85	9.6537	8.35829	2.49E-01	2.15E-01	3.23E-01	2.79E-01	3.84E-01	3.33E-01
2346	387427.74, 3751259.85	9.50947	8.23304	2.45E-01	2.12E-01	3.18E-01	2.75E-01	3.79E-01	3.28E-01
2347	387427.74, 3751284.85	9.36527	8.10782	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
2348	387427.74, 3751309.85	9.22049	7.98219	2.37E-01	2.06E-01	3.08E-01	2.67E-01	3.67E-01	3.18E-01
2349	387427.74, 3751334.85	9.07506	7.85607	2.34E-01	2.02E-01	3.03E-01	2.63E-01	3.61E-01	3.13E-01
2350	387427.74, 3751359.85	8.92877	7.72922	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.56E-01	3.08E-01
2351	387427.74, 3751384.85	8.78147	7.60151	2.26E-01	1.96E-01	2.94E-01	2.54E-01	3.50E-01	3.03E-01
2352	387427.74, 3751409.85	8.63297	7.47271	2.22E-01	1.92E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
2353	387452.74, 3749184.85	73.17558	65.59205	1.88E+00	1.69E+00	2.45E+00	2.19E+00	2.91E+00	2.61E+00
2354	387452.74, 3749209.85	65.81974	58.65308	1.69E+00	1.51E+00	2.20E+00	1.96E+00	2.62E+00	2.34E+00
2355	387452.74, 3749234.85	59.85506	53.10834	1.54E+00	1.37E+00	2.00E+00	1.78E+00	2.38E+00	2.11E+00
2356	387452.74, 3749259.85	54.93147	48.58321	1.41E+00	1.25E+00	1.84E+00	1.62E+00	2.19E+00	1.93E+00
2357	387452.74, 3749284.85	50.78923	44.81187	1.31E+00	1.15E+00	1.70E+00	1.50E+00	2.02E+00	1.78E+00
2358	387452.74, 3749309.85	47.28499	41.64171	1.22E+00	1.07E+00	1.58E+00	1.39E+00	1.88E+00	1.66E+00
2359	387452.74, 3749334.85	44.29119	38.94589	1.14E+00	1.00E+00	1.48E+00	1.30E+00	1.76E+00	1.55E+00
2360	387452.74, 3749359.85	41.70158	36.62288	1.07E+00	9.43E-01	1.39E+00	1.22E+00	1.66E+00	1.46E+00
2361	387452.74, 3749384.85	39.43415	34.59571	1.02E+00	8.91E-01	1.32E+00	1.16E+00	1.57E+00	1.38E+00
2362	387452.74, 3749409.85	37.42945	32.80862	9.64E-01	8.45E-01	1.25E+00	1.10E+00	1.49E+00	1.31E+00
2363	387452.74, 3749434.85	35.6211	31.20309	9.17E-01	8.04E-01	1.19E+00	1.04E+00	1.42E+00	1.24E+00
2364	387452.74, 3749459.85	34.01893	29.7813	8.76E-01	7.67E-01	1.14E+00	9.95E-01	1.35E+00	1.19E+00
2365	387452.74, 3749484.85	32.5783	28.50454	8.39E-01	7.34E-01	1.09E+00	9.53E-01	1.30E+00	1.14E+00
2366	387452.74, 3749509.85	31.26854	27.34582	8.05E-01	7.04E-01	1.05E+00	9.14E-01	1.25E+00	1.09E+00
2367	387452.74, 3749534.85	30.06949	26.28696	7.74E-01	6.77E-01	1.01E+00	8.79E-01	1.20E+00	1.05E+00
2368	387452.74, 3749559.85	28.97091	25.31796	7.46E-01	6.52E-01	9.68E-01	8.46E-01	1.15E+00	1.01E+00
2369	387452.74, 3749584.85	27.95927	24.42667	7.20E-01	6.29E-01	9.35E-01	8.16E-01	1.11E+00	9.73E-01
2370	387452.74, 3749609.85	27.02489	23.60421	6.96E-01	6.08E-01	9.03E-01	7.89E-01	1.08E+00	9.40E-01
2371	387452.74, 3749634.85	26.15954	22.84307	6.74E-01	5.88E-01	8.74E-01	7.64E-01	1.04E+00	9.10E-01

2372	387452.74, 3749659.85	25.35439	22.13546	6.53E-01	5.70E-01	8.48E-01	7.40E-01	1.01E+00	8.81E-01
2373	387452.74, 3749684.85	24.5978	21.47159	6.33E-01	5.53E-01	8.22E-01	7.18E-01	9.80E-01	8.55E-01
2374	387452.74, 3749709.85	23.89442	20.85434	6.15E-01	5.37E-01	7.99E-01	6.97E-01	9.52E-01	8.30E-01
2375	387452.74, 3749734.85	23.23803	20.27831	5.98E-01	5.22E-01	7.77E-01	6.78E-01	9.25E-01	8.08E-01
2376	387452.74, 3749759.85	22.6247	19.73997	5.83E-01	5.08E-01	7.56E-01	6.60E-01	9.01E-01	7.86E-01
2377	387452.74, 3749784.85	22.04738	19.23343	5.68E-01	4.95E-01	7.37E-01	6.43E-01	8.78E-01	7.66E-01
2378	387452.74, 3749809.85	21.49985	18.7535	5.54E-01	4.83E-01	7.19E-01	6.27E-01	8.56E-01	7.47E-01
2379	387452.74, 3749834.85	20.98214	18.29987	5.40E-01	4.71E-01	7.01E-01	6.12E-01	8.36E-01	7.29E-01
2380	387452.74, 3749859.85	20.49974	17.87203	5.28E-01	4.60E-01	6.85E-01	5.97E-01	8.16E-01	7.12E-01
2381	387452.74, 3749884.85	20.04095	17.46494	5.16E-01	4.50E-01	6.70E-01	5.84E-01	7.98E-01	6.95E-01
2382	387452.74, 3749909.85	19.59961	17.07536	5.05E-01	4.40E-01	6.55E-01	5.71E-01	7.80E-01	6.80E-01
2383	387452.74, 3749934.85	19.17471	16.70209	4.94E-01	4.30E-01	6.41E-01	5.58E-01	7.64E-01	6.65E-01
2384	387452.74, 3749959.85	18.78257	16.35376	4.84E-01	4.21E-01	6.28E-01	5.47E-01	7.48E-01	6.51E-01
2385	387452.74, 3749984.85	18.41282	16.02398	4.74E-01	4.13E-01	6.15E-01	5.36E-01	7.33E-01	6.38E-01
2386	387452.74, 3750009.85	18.05456	15.7062	4.65E-01	4.04E-01	6.03E-01	5.25E-01	7.19E-01	6.25E-01
2387	387452.74, 3750034.85	17.70856	15.40044	4.56E-01	3.97E-01	5.92E-01	5.15E-01	7.05E-01	6.13E-01
2388	387452.74, 3750059.85	17.37578	15.10689	4.47E-01	3.89E-01	5.81E-01	5.05E-01	6.92E-01	6.02E-01
2389	387452.74, 3750084.85	17.05296	14.82338	4.39E-01	3.82E-01	5.70E-01	4.95E-01	6.79E-01	5.90E-01
2390	387452.74, 3750109.85	16.74369	14.55162	4.31E-01	3.75E-01	5.60E-01	4.86E-01	6.67E-01	5.79E-01
2391	387452.74, 3750134.85	16.44571	14.29007	4.23E-01	3.68E-01	5.50E-01	4.78E-01	6.55E-01	5.69E-01
2392	387452.74, 3750159.85	16.1594	14.03867	4.16E-01	3.62E-01	5.40E-01	4.69E-01	6.43E-01	5.59E-01
2393	387452.74, 3750184.85	15.88419	13.79688	4.09E-01	3.55E-01	5.31E-01	4.61E-01	6.33E-01	5.49E-01
2394	387452.74, 3750209.85	15.61723	13.56288	4.02E-01	3.49E-01	5.22E-01	4.53E-01	6.22E-01	5.40E-01
2395	387452.74, 3750234.85	15.35934	13.33695	3.96E-01	3.43E-01	5.13E-01	4.46E-01	6.12E-01	5.31E-01
2396	387452.74, 3750259.85	15.11155	13.11945	3.89E-01	3.38E-01	5.05E-01	4.39E-01	6.02E-01	5.22E-01
2397	387452.74, 3750284.85	14.87228	12.90936	3.83E-01	3.32E-01	4.97E-01	4.32E-01	5.92E-01	5.14E-01
2398	387452.74, 3750309.85	14.64029	12.70582	3.77E-01	3.27E-01	4.89E-01	4.25E-01	5.83E-01	5.06E-01
2399	387452.74, 3750334.85	14.41427	12.50796	3.71E-01	3.22E-01	4.82E-01	4.18E-01	5.74E-01	4.98E-01
2400	387452.74, 3750359.85	14.19581	12.31652	3.66E-01	3.17E-01	4.75E-01	4.12E-01	5.65E-01	4.90E-01
2401	387452.74, 3750384.85	13.98353	12.13062	3.60E-01	3.12E-01	4.67E-01	4.05E-01	5.57E-01	4.83E-01
2402	387452.74, 3750409.85	13.77725	11.95003	3.55E-01	3.08E-01	4.61E-01	3.99E-01	5.49E-01	4.76E-01
2403	387452.74, 3750434.85	13.57727	11.77482	3.50E-01	3.03E-01	4.54E-01	3.94E-01	5.41E-01	4.69E-01
2404	387452.74, 3750459.85	13.38308	11.60459	3.45E-01	2.99E-01	4.47E-01	3.88E-01	5.33E-01	4.62E-01
2405	387452.74, 3750484.85	13.19241	11.43799	3.40E-01	2.95E-01	4.41E-01	3.82E-01	5.25E-01	4.55E-01
2406	387452.74, 3750509.85	13.00531	11.27495	3.35E-01	2.90E-01	4.35E-01	3.77E-01	5.18E-01	4.49E-01
2407	387452.74, 3750534.85	12.8237	11.11646	3.30E-01	2.86E-01	4.29E-01	3.72E-01	5.11E-01	4.43E-01

2408	387452.74, 3750559.85	12.64686	10.96204	3.26E-01	2.82E-01	4.23E-01	3.66E-01	5.04E-01	4.37E-01
2409	387452.74, 3750584.85	12.47403	10.81119	3.21E-01	2.78E-01	4.17E-01	3.61E-01	4.97E-01	4.31E-01
2410	387452.74, 3750609.85	12.30527	10.66386	3.17E-01	2.75E-01	4.11E-01	3.56E-01	4.90E-01	4.25E-01
2411	387452.74, 3750634.85	12.14028	10.51983	3.13E-01	2.71E-01	4.06E-01	3.52E-01	4.83E-01	4.19E-01
2412	387452.74, 3750659.85	11.97843	10.37867	3.08E-01	2.67E-01	4.00E-01	3.47E-01	4.77E-01	4.13E-01
2413	387452.74, 3750684.85	11.81911	10.24	3.04E-01	2.64E-01	3.95E-01	3.42E-01	4.71E-01	4.08E-01
2414	387452.74, 3750709.85	11.66189	10.1035	3.00E-01	2.60E-01	3.90E-01	3.38E-01	4.64E-01	4.02E-01
2415	387452.74, 3750734.85	11.50693	9.96921	2.96E-01	2.57E-01	3.85E-01	3.33E-01	4.58E-01	3.97E-01
2416	387452.74, 3750759.85	11.35728	9.83877	2.92E-01	2.53E-01	3.80E-01	3.29E-01	4.52E-01	3.92E-01
2417	387452.74, 3750784.85	11.20983	9.7104	2.89E-01	2.50E-01	3.75E-01	3.25E-01	4.46E-01	3.87E-01
2418	387452.74, 3750809.85	11.06483	9.58418	2.85E-01	2.47E-01	3.70E-01	3.20E-01	4.41E-01	3.82E-01
2419	387452.74, 3750834.85	10.92261	9.46025	2.81E-01	2.44E-01	3.65E-01	3.16E-01	4.35E-01	3.77E-01
2420	387452.74, 3750859.85	10.783	9.33847	2.78E-01	2.40E-01	3.60E-01	3.12E-01	4.29E-01	3.72E-01
2421	387452.74, 3750884.85	10.6446	9.218	2.74E-01	2.37E-01	3.56E-01	3.08E-01	4.24E-01	3.67E-01
2422	387452.74, 3750909.85	10.50759	9.09892	2.71E-01	2.34E-01	3.51E-01	3.04E-01	4.18E-01	3.62E-01
2423	387452.74, 3750934.85	10.37223	8.9813	2.67E-01	2.31E-01	3.47E-01	3.00E-01	4.13E-01	3.58E-01
2424	387452.74, 3750959.85	10.2385	8.8651	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
2425	387452.74, 3750984.85	10.10624	8.75019	2.60E-01	2.25E-01	3.38E-01	2.92E-01	4.02E-01	3.48E-01
2426	387452.74, 3751009.85	9.97521	8.63637	2.57E-01	2.22E-01	3.33E-01	2.89E-01	3.97E-01	3.44E-01
2427	387452.74, 3751034.85	9.84515	8.52347	2.54E-01	2.19E-01	3.29E-01	2.85E-01	3.92E-01	3.39E-01
2428	387452.74, 3751059.85	9.71645	8.41166	2.50E-01	2.17E-01	3.25E-01	2.81E-01	3.87E-01	3.35E-01
2429	387452.74, 3751084.85	9.58846	8.30052	2.47E-01	2.14E-01	3.21E-01	2.77E-01	3.82E-01	3.31E-01
2430	387452.74, 3751109.85	9.46098	8.18991	2.44E-01	2.11E-01	3.16E-01	2.74E-01	3.77E-01	3.26E-01
2431	387452.74, 3751134.85	9.33427	8.07991	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.72E-01	3.22E-01
2432	387452.74, 3751159.85	9.20792	7.97025	2.37E-01	2.05E-01	3.08E-01	2.66E-01	3.67E-01	3.17E-01
2433	387452.74, 3751184.85	9.08181	7.86082	2.34E-01	2.02E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
2434	387452.74, 3751209.85	8.95582	7.75149	2.31E-01	2.00E-01	2.99E-01	2.59E-01	3.57E-01	3.09E-01
2435	387452.74, 3751234.85	8.82977	7.64211	2.27E-01	1.97E-01	2.95E-01	2.55E-01	3.52E-01	3.04E-01
2436	387477.74, 3748984.85	65.27716	58.48088	1.68E+00	1.51E+00	2.18E+00	1.95E+00	2.60E+00	2.33E+00
2437	387477.74, 3749009.85	59.71777	53.18637	1.54E+00	1.37E+00	2.00E+00	1.78E+00	2.38E+00	2.12E+00
2438	387477.74, 3749034.85	54.97134	48.75114	1.42E+00	1.26E+00	1.84E+00	1.63E+00	2.19E+00	1.94E+00
2439	387477.74, 3749059.85	50.92998	45.02393	1.31E+00	1.16E+00	1.70E+00	1.50E+00	2.03E+00	1.79E+00
2440	387477.74, 3749084.85	47.45505	41.85193	1.22E+00	1.08E+00	1.59E+00	1.40E+00	1.89E+00	1.67E+00
2441	387477.74, 3749109.85	44.45239	39.13148	1.14E+00	1.01E+00	1.49E+00	1.31E+00	1.77E+00	1.56E+00
2442	387477.74, 3749134.85	41.84691	36.78326	1.08E+00	9.47E-01	1.40E+00	1.23E+00	1.67E+00	1.46E+00
2443	387477.74, 3749159.85	39.55963	34.73118	1.02E+00	8.94E-01	1.32E+00	1.16E+00	1.58E+00	1.38E+00

2444	387477.74, 3749184.85	37.53977	32.92522	9.67E-01	8.48E-01	1.25E+00	1.10E+00	1.49E+00	1.31E+00
2445	387477.74, 3749209.85	35.73706	31.31862	9.20E-01	8.06E-01	1.19E+00	1.05E+00	1.42E+00	1.25E+00
2446	387477.74, 3749234.85	34.11814	29.87967	8.79E-01	7.69E-01	1.14E+00	9.99E-01	1.36E+00	1.19E+00
2447	387477.74, 3749259.85	32.65531	28.58247	8.41E-01	7.36E-01	1.09E+00	9.55E-01	1.30E+00	1.14E+00
2448	387477.74, 3749284.85	31.32494	27.40525	8.07E-01	7.06E-01	1.05E+00	9.16E-01	1.25E+00	1.09E+00
2449	387477.74, 3749309.85	30.12173	26.34113	7.76E-01	6.78E-01	1.01E+00	8.80E-01	1.20E+00	1.05E+00
2450	387477.74, 3749334.85	29.02242	25.36995	7.47E-01	6.53E-01	9.70E-01	8.48E-01	1.16E+00	1.01E+00
2451	387477.74, 3749359.85	28.01106	24.47757	7.21E-01	6.30E-01	9.36E-01	8.18E-01	1.12E+00	9.75E-01
2452	387477.74, 3749384.85	27.07514	23.65287	6.97E-01	6.09E-01	9.05E-01	7.91E-01	1.08E+00	9.42E-01
2453	387477.74, 3749409.85	26.2051	22.88727	6.75E-01	5.89E-01	8.76E-01	7.65E-01	1.04E+00	9.11E-01
2454	387477.74, 3749434.85	25.39555	22.17559	6.54E-01	5.71E-01	8.49E-01	7.41E-01	1.01E+00	8.83E-01
2455	387477.74, 3749459.85	24.65057	21.52013	6.35E-01	5.54E-01	8.24E-01	7.19E-01	9.82E-01	8.57E-01
2456	387477.74, 3749484.85	23.95576	20.90906	6.17E-01	5.38E-01	8.01E-01	6.99E-01	9.54E-01	8.33E-01
2457	387477.74, 3749509.85	23.30233	20.33497	6.00E-01	5.24E-01	7.79E-01	6.80E-01	9.28E-01	8.10E-01
2458	387477.74, 3749534.85	22.68563	19.79376	5.84E-01	5.10E-01	7.58E-01	6.62E-01	9.03E-01	7.88E-01
2459	387477.74, 3749559.85	22.10447	19.28405	5.69E-01	4.97E-01	7.39E-01	6.45E-01	8.80E-01	7.68E-01
2460	387477.74, 3749584.85	21.55655	18.80367	5.55E-01	4.84E-01	7.21E-01	6.29E-01	8.58E-01	7.49E-01
2461	387477.74, 3749609.85	21.03929	18.35028	5.42E-01	4.73E-01	7.03E-01	6.13E-01	8.38E-01	7.31E-01
2462	387477.74, 3749634.85	20.55335	17.92139	5.29E-01	4.61E-01	6.87E-01	5.99E-01	8.18E-01	7.14E-01
2463	387477.74, 3749659.85	20.09458	17.51419	5.17E-01	4.51E-01	6.72E-01	5.85E-01	8.00E-01	6.97E-01
2464	387477.74, 3749684.85	19.65413	17.12508	5.06E-01	4.41E-01	6.57E-01	5.72E-01	7.83E-01	6.82E-01
2465	387477.74, 3749709.85	19.23634	16.75586	4.95E-01	4.31E-01	6.43E-01	5.60E-01	7.66E-01	6.67E-01
2466	387477.74, 3749734.85	18.84042	16.40551	4.85E-01	4.22E-01	6.30E-01	5.48E-01	7.50E-01	6.53E-01
2467	387477.74, 3749759.85	18.46443	16.07244	4.75E-01	4.14E-01	6.17E-01	5.37E-01	7.35E-01	6.40E-01
2468	387477.74, 3749784.85	18.1054	15.75448	4.66E-01	4.06E-01	6.05E-01	5.27E-01	7.21E-01	6.27E-01
2469	387477.74, 3749809.85	17.75837	15.44846	4.57E-01	3.98E-01	5.94E-01	5.16E-01	7.07E-01	6.15E-01
2470	387477.74, 3749834.85	17.42558	15.15525	4.49E-01	3.90E-01	5.82E-01	5.07E-01	6.94E-01	6.04E-01
2471	387477.74, 3749859.85	17.10818	14.87516	4.41E-01	3.83E-01	5.72E-01	4.97E-01	6.81E-01	5.92E-01
2472	387477.74, 3749884.85	16.80155	14.6053	4.33E-01	3.76E-01	5.62E-01	4.88E-01	6.69E-01	5.82E-01
2473	387477.74, 3749909.85	16.50364	14.34425	4.25E-01	3.69E-01	5.52E-01	4.79E-01	6.57E-01	5.71E-01
2474	387477.74, 3749934.85	16.2138	14.09139	4.18E-01	3.63E-01	5.42E-01	4.71E-01	6.46E-01	5.61E-01
2475	387477.74, 3749959.85	15.9387	13.85019	4.10E-01	3.57E-01	5.33E-01	4.63E-01	6.35E-01	5.52E-01
2476	387477.74, 3749984.85	15.68405	13.62363	4.04E-01	3.51E-01	5.24E-01	4.55E-01	6.25E-01	5.43E-01
2477	387477.74, 3750009.85	15.43516	13.4033	3.97E-01	3.45E-01	5.16E-01	4.48E-01	6.15E-01	5.34E-01
2478	387477.74, 3750034.85	15.19147	13.18872	3.91E-01	3.40E-01	5.08E-01	4.41E-01	6.05E-01	5.25E-01
2479	387477.74, 3750059.85	14.95376	12.98015	3.85E-01	3.34E-01	5.00E-01	4.34E-01	5.95E-01	5.17E-01

2480	387477.74, 3750084.85	14.72065	12.77667	3.79E-01	3.29E-01	4.92E-01	4.27E-01	5.86E-01	5.09E-01
2481	387477.74, 3750109.85	14.49664	12.58065	3.73E-01	3.24E-01	4.85E-01	4.21E-01	5.77E-01	5.01E-01
2482	387477.74, 3750134.85	14.2791	12.39048	3.68E-01	3.19E-01	4.77E-01	4.14E-01	5.69E-01	4.93E-01
2483	387477.74, 3750159.85	14.06795	12.206	3.62E-01	3.14E-01	4.70E-01	4.08E-01	5.60E-01	4.86E-01
2484	387477.74, 3750184.85	13.86373	12.02738	3.57E-01	3.10E-01	4.63E-01	4.02E-01	5.52E-01	4.79E-01
2485	387477.74, 3750209.85	13.66629	11.85443	3.52E-01	3.05E-01	4.57E-01	3.96E-01	5.44E-01	4.72E-01
2486	387477.74, 3750234.85	13.47492	11.68666	3.47E-01	3.01E-01	4.50E-01	3.91E-01	5.37E-01	4.65E-01
2487	387477.74, 3750259.85	13.28754	11.52282	3.42E-01	2.97E-01	4.44E-01	3.85E-01	5.29E-01	4.59E-01
2488	387477.74, 3750284.85	13.10492	11.36324	3.37E-01	2.93E-01	4.38E-01	3.80E-01	5.22E-01	4.53E-01
2489	387477.74, 3750309.85	12.9272	11.20792	3.33E-01	2.89E-01	4.32E-01	3.75E-01	5.15E-01	4.46E-01
2490	387477.74, 3750334.85	12.7542	11.05668	3.28E-01	2.85E-01	4.26E-01	3.70E-01	5.08E-01	4.40E-01
2491	387477.74, 3750359.85	12.58533	10.90912	3.24E-01	2.81E-01	4.21E-01	3.65E-01	5.01E-01	4.34E-01
2492	387477.74, 3750384.85	12.42021	10.76496	3.20E-01	2.77E-01	4.15E-01	3.60E-01	4.95E-01	4.29E-01
2493	387477.74, 3750409.85	12.25956	10.62453	3.16E-01	2.74E-01	4.10E-01	3.55E-01	4.88E-01	4.23E-01
2494	387477.74, 3750434.85	12.10302	10.48756	3.12E-01	2.70E-01	4.05E-01	3.51E-01	4.82E-01	4.18E-01
2495	387477.74, 3750459.85	11.94964	10.35348	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.12E-01
2496	387477.74, 3750484.85	11.7982	10.22154	3.04E-01	2.63E-01	3.94E-01	3.42E-01	4.70E-01	4.07E-01
2497	387477.74, 3750509.85	11.64911	10.09193	3.00E-01	2.60E-01	3.89E-01	3.37E-01	4.64E-01	4.02E-01
2498	387477.74, 3750534.85	11.50386	9.96542	2.96E-01	2.57E-01	3.85E-01	3.33E-01	4.58E-01	3.97E-01
2499	387477.74, 3750559.85	11.36181	9.84159	2.93E-01	2.53E-01	3.80E-01	3.29E-01	4.52E-01	3.92E-01
2500	387477.74, 3750584.85	11.22224	9.72001	2.89E-01	2.50E-01	3.75E-01	3.25E-01	4.47E-01	3.87E-01
2501	387477.74, 3750609.85	11.08471	9.60039	2.85E-01	2.47E-01	3.71E-01	3.21E-01	4.41E-01	3.82E-01
2502	387477.74, 3750634.85	10.95016	9.48321	2.82E-01	2.44E-01	3.66E-01	3.17E-01	4.36E-01	3.78E-01
2503	387477.74, 3750659.85	10.81825	9.36822	2.79E-01	2.41E-01	3.62E-01	3.13E-01	4.31E-01	3.73E-01
2504	387477.74, 3750684.85	10.68768	9.25468	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.26E-01	3.69E-01
2505	387477.74, 3750709.85	10.55807	9.14234	2.72E-01	2.35E-01	3.53E-01	3.06E-01	4.20E-01	3.64E-01
2506	387477.74, 3750734.85	10.4293	9.03109	2.69E-01	2.33E-01	3.49E-01	3.02E-01	4.15E-01	3.60E-01
2507	387477.74, 3750759.85	10.30432	8.92252	2.65E-01	2.30E-01	3.44E-01	2.98E-01	4.10E-01	3.55E-01
2508	387477.74, 3750784.85	10.18144	8.81566	2.62E-01	2.27E-01	3.40E-01	2.95E-01	4.05E-01	3.51E-01
2509	387477.74, 3750809.85	10.0607	8.7105	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.01E-01	3.47E-01
2510	387477.74, 3750834.85	9.94191	8.6069	2.56E-01	2.22E-01	3.32E-01	2.88E-01	3.96E-01	3.43E-01
2511	387477.74, 3750859.85	9.82447	8.50449	2.53E-01	2.19E-01	3.28E-01	2.84E-01	3.91E-01	3.39E-01
2512	387477.74, 3750884.85	9.70733	8.40266	2.50E-01	2.16E-01	3.24E-01	2.81E-01	3.87E-01	3.35E-01
2513	387477.74, 3750909.85	9.59078	8.30153	2.47E-01	2.14E-01	3.21E-01	2.77E-01	3.82E-01	3.31E-01
2514	387477.74, 3750934.85	9.4752	8.20128	2.44E-01	2.11E-01	3.17E-01	2.74E-01	3.77E-01	3.27E-01
2515	387477.74, 3750959.85	9.36082	8.102	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01

2516	387477.74, 3750984.85	9.24745	8.00355	2.38E-01	2.06E-01	3.09E-01	2.68E-01	3.68E-01	3.19E-01
2517	387477.74, 3751009.85	9.13466	7.90566	2.35E-01	2.04E-01	3.05E-01	2.64E-01	3.64E-01	3.15E-01
2518	387477.74, 3751034.85	9.02232	7.80823	2.32E-01	2.01E-01	3.02E-01	2.61E-01	3.59E-01	3.11E-01
2519	387477.74, 3751059.85	8.91088	7.71145	2.29E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
2520	387502.74, 3748984.85	32.03891	28.11359	8.25E-01	7.24E-01	1.07E+00	9.40E-01	1.28E+00	1.12E+00
2521	387502.74, 3749009.85	31.43483	27.55686	8.09E-01	7.10E-01	1.05E+00	9.21E-01	1.25E+00	1.10E+00
2522	387502.74, 3749034.85	30.62705	26.82766	7.89E-01	6.91E-01	1.02E+00	8.97E-01	1.22E+00	1.07E+00
2523	387502.74, 3749059.85	29.7479	26.04073	7.66E-01	6.71E-01	9.94E-01	8.70E-01	1.18E+00	1.04E+00
2524	387502.74, 3749084.85	28.85901	25.24892	7.43E-01	6.50E-01	9.65E-01	8.44E-01	1.15E+00	1.01E+00
2525	387502.74, 3749109.85	27.98791	24.47567	7.21E-01	6.30E-01	9.36E-01	8.18E-01	1.11E+00	9.75E-01
2526	387502.74, 3749134.85	27.1516	23.73489	6.99E-01	6.11E-01	9.08E-01	7.93E-01	1.08E+00	9.45E-01
2527	387502.74, 3749159.85	26.35508	23.03057	6.79E-01	5.93E-01	8.81E-01	7.70E-01	1.05E+00	9.17E-01
2528	387502.74, 3749184.85	25.59952	22.36343	6.59E-01	5.76E-01	8.56E-01	7.48E-01	1.02E+00	8.91E-01
2529	387502.74, 3749209.85	24.88354	21.73211	6.41E-01	5.60E-01	8.32E-01	7.26E-01	9.91E-01	8.65E-01
2530	387502.74, 3749234.85	24.20516	21.1347	6.23E-01	5.44E-01	8.09E-01	7.06E-01	9.64E-01	8.42E-01
2531	387502.74, 3749259.85	23.56229	20.56922	6.07E-01	5.30E-01	7.88E-01	6.88E-01	9.38E-01	8.19E-01
2532	387502.74, 3749284.85	22.95488	20.03526	5.91E-01	5.16E-01	7.67E-01	6.70E-01	9.14E-01	7.98E-01
2533	387502.74, 3749309.85	22.38411	19.53341	5.76E-01	5.03E-01	7.48E-01	6.53E-01	8.91E-01	7.78E-01
2534	387502.74, 3749334.85	21.8418	19.05703	5.62E-01	4.91E-01	7.30E-01	6.37E-01	8.70E-01	7.59E-01
2535	387502.74, 3749359.85	21.3248	18.60339	5.49E-01	4.79E-01	7.13E-01	6.22E-01	8.49E-01	7.41E-01
2536	387502.74, 3749384.85	20.83021	18.17	5.36E-01	4.68E-01	6.96E-01	6.07E-01	8.29E-01	7.24E-01
2537	387502.74, 3749409.85	20.35632	17.75531	5.24E-01	4.57E-01	6.80E-01	5.93E-01	8.11E-01	7.07E-01
2538	387502.74, 3749434.85	19.91427	17.36701	5.13E-01	4.47E-01	6.66E-01	5.81E-01	7.93E-01	6.92E-01
2539	387502.74, 3749459.85	19.50516	17.00085	5.02E-01	4.38E-01	6.52E-01	5.68E-01	7.77E-01	6.77E-01
2540	387502.74, 3749484.85	19.11238	16.65045	4.92E-01	4.29E-01	6.39E-01	5.57E-01	7.61E-01	6.63E-01
2541	387502.74, 3749509.85	18.73374	16.31407	4.82E-01	4.20E-01	6.26E-01	5.45E-01	7.46E-01	6.50E-01
2542	387502.74, 3749534.85	18.36903	15.99117	4.73E-01	4.12E-01	6.14E-01	5.35E-01	7.31E-01	6.37E-01
2543	387502.74, 3749559.85	18.01813	15.68128	4.64E-01	4.04E-01	6.02E-01	5.24E-01	7.18E-01	6.24E-01
2544	387502.74, 3749584.85	17.68239	15.3848	4.55E-01	3.96E-01	5.91E-01	5.14E-01	7.04E-01	6.13E-01
2545	387502.74, 3749609.85	17.36169	15.10132	4.47E-01	3.89E-01	5.80E-01	5.05E-01	6.91E-01	6.01E-01
2546	387502.74, 3749634.85	17.05401	14.82939	4.39E-01	3.82E-01	5.70E-01	4.96E-01	6.79E-01	5.91E-01
2547	387502.74, 3749659.85	16.75712	14.5675	4.32E-01	3.75E-01	5.60E-01	4.87E-01	6.67E-01	5.80E-01
2548	387502.74, 3749684.85	16.46874	14.31411	4.24E-01	3.69E-01	5.50E-01	4.78E-01	6.56E-01	5.70E-01
2549	387502.74, 3749709.85	16.1917	14.07058	4.17E-01	3.62E-01	5.41E-01	4.70E-01	6.45E-01	5.60E-01
2550	387502.74, 3749734.85	15.92547	13.83639	4.10E-01	3.56E-01	5.32E-01	4.62E-01	6.34E-01	5.51E-01
2551	387502.74, 3749759.85	15.66909	13.61081	4.03E-01	3.50E-01	5.24E-01	4.55E-01	6.24E-01	5.42E-01

2552	387502.74, 3749784.85	15.42098	13.39276	3.97E-01	3.45E-01	5.15E-01	4.48E-01	6.14E-01	5.33E-01
2553	387502.74, 3749809.85	15.17948	13.18116	3.91E-01	3.39E-01	5.07E-01	4.41E-01	6.04E-01	5.25E-01
2554	387502.74, 3749834.85	14.94684	12.97709	3.85E-01	3.34E-01	5.00E-01	4.34E-01	5.95E-01	5.17E-01
2555	387502.74, 3749859.85	14.72253	12.78012	3.79E-01	3.29E-01	4.92E-01	4.27E-01	5.86E-01	5.09E-01
2556	387502.74, 3749884.85	14.5039	12.58863	3.73E-01	3.24E-01	4.85E-01	4.21E-01	5.78E-01	5.01E-01
2557	387502.74, 3749909.85	14.29101	12.40254	3.68E-01	3.19E-01	4.78E-01	4.15E-01	5.69E-01	4.94E-01
2558	387502.74, 3749934.85	14.08534	12.22254	3.63E-01	3.15E-01	4.71E-01	4.09E-01	5.61E-01	4.87E-01
2559	387502.74, 3749959.85	13.88764	12.04895	3.58E-01	3.10E-01	4.64E-01	4.03E-01	5.53E-01	4.80E-01
2560	387502.74, 3749984.85	13.69628	11.88075	3.53E-01	3.06E-01	4.58E-01	3.97E-01	5.45E-01	4.73E-01
2561	387502.74, 3750009.85	13.50945	11.71684	3.48E-01	3.02E-01	4.52E-01	3.92E-01	5.38E-01	4.67E-01
2562	387502.74, 3750034.85	13.32715	11.55714	3.43E-01	2.98E-01	4.45E-01	3.86E-01	5.31E-01	4.60E-01
2563	387502.74, 3750059.85	13.14931	11.40151	3.39E-01	2.94E-01	4.40E-01	3.81E-01	5.24E-01	4.54E-01
2564	387502.74, 3750084.85	12.97413	11.24889	3.34E-01	2.90E-01	4.34E-01	3.76E-01	5.17E-01	4.48E-01
2565	387502.74, 3750109.85	12.8044	11.10074	3.30E-01	2.86E-01	4.28E-01	3.71E-01	5.10E-01	4.42E-01
2566	387502.74, 3750134.85	12.63892	10.95633	3.25E-01	2.82E-01	4.22E-01	3.66E-01	5.03E-01	4.36E-01
2567	387502.74, 3750159.85	12.47747	10.81548	3.21E-01	2.79E-01	4.17E-01	3.62E-01	4.97E-01	4.31E-01
2568	387502.74, 3750184.85	12.31993	10.67804	3.17E-01	2.75E-01	4.12E-01	3.57E-01	4.91E-01	4.25E-01
2569	387502.74, 3750209.85	12.16611	10.54386	3.13E-01	2.72E-01	4.07E-01	3.52E-01	4.84E-01	4.20E-01
2570	387502.74, 3750234.85	12.01649	10.41315	3.09E-01	2.68E-01	4.02E-01	3.48E-01	4.79E-01	4.15E-01
2571	387502.74, 3750259.85	11.86944	10.28494	3.06E-01	2.65E-01	3.97E-01	3.44E-01	4.73E-01	4.10E-01
2572	387502.74, 3750284.85	11.72564	10.15957	3.02E-01	2.62E-01	3.92E-01	3.40E-01	4.67E-01	4.05E-01
2573	387502.74, 3750309.85	11.585	10.03694	2.98E-01	2.58E-01	3.87E-01	3.35E-01	4.61E-01	4.00E-01
2574	387502.74, 3750334.85	11.44745	9.91696	2.95E-01	2.55E-01	3.83E-01	3.31E-01	4.56E-01	3.95E-01
2575	387502.74, 3750359.85	11.31269	9.79943	2.91E-01	2.52E-01	3.78E-01	3.28E-01	4.50E-01	3.90E-01
2576	387502.74, 3750384.85	11.18024	9.68402	2.88E-01	2.49E-01	3.74E-01	3.24E-01	4.45E-01	3.86E-01
2577	387502.74, 3750409.85	11.05111	9.57128	2.85E-01	2.46E-01	3.69E-01	3.20E-01	4.40E-01	3.81E-01
2578	387502.74, 3750434.85	10.92472	9.46083	2.81E-01	2.44E-01	3.65E-01	3.16E-01	4.35E-01	3.77E-01
2579	387502.74, 3750459.85	10.80009	9.35209	2.78E-01	2.41E-01	3.61E-01	3.13E-01	4.30E-01	3.72E-01
2580	387502.74, 3750484.85	10.67668	9.24474	2.75E-01	2.38E-01	3.57E-01	3.09E-01	4.25E-01	3.68E-01
2581	387502.74, 3750509.85	10.55483	9.13893	2.72E-01	2.35E-01	3.53E-01	3.05E-01	4.20E-01	3.64E-01
2582	387502.74, 3750534.85	10.43549	9.03514	2.69E-01	2.33E-01	3.49E-01	3.02E-01	4.16E-01	3.60E-01
2583	387502.74, 3750559.85	10.31825	8.93312	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.11E-01	3.56E-01
2584	387502.74, 3750584.85	10.20261	8.83257	2.63E-01	2.27E-01	3.41E-01	2.95E-01	4.06E-01	3.52E-01
2585	387502.74, 3750609.85	10.08828	8.73329	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.02E-01	3.48E-01
2586	387502.74, 3750634.85	9.97587	8.63558	2.57E-01	2.22E-01	3.33E-01	2.89E-01	3.97E-01	3.44E-01
2587	387502.74, 3750659.85	9.86554	8.53952	2.54E-01	2.20E-01	3.30E-01	2.85E-01	3.93E-01	3.40E-01

2588	387502.74, 3750684.85	9.75612	8.44443	2.51E-01	2.17E-01	3.26E-01	2.82E-01	3.89E-01	3.36E-01
2589	387502.74, 3750709.85	9.64749	8.3502	2.48E-01	2.15E-01	3.22E-01	2.79E-01	3.84E-01	3.33E-01
2590	387502.74, 3750734.85	9.53979	8.2569	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
2591	387502.74, 3750759.85	9.43365	8.16484	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.76E-01	3.25E-01
2592	387502.74, 3750784.85	9.32902	8.07397	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.71E-01	3.22E-01
2593	387502.74, 3750809.85	9.22576	7.98418	2.38E-01	2.06E-01	3.08E-01	2.67E-01	3.67E-01	3.18E-01
2594	387502.74, 3750834.85	9.12353	7.89527	2.35E-01	2.03E-01	3.05E-01	2.64E-01	3.63E-01	3.14E-01
2595	387502.74, 3750859.85	9.02198	7.807	2.32E-01	2.01E-01	3.02E-01	2.61E-01	3.59E-01	3.11E-01
2596	387527.74, 3748984.85	20.85733	18.22865	5.37E-01	4.69E-01	6.97E-01	6.09E-01	8.31E-01	7.26E-01
2597	387527.74, 3749009.85	21.11874	18.45012	5.44E-01	4.75E-01	7.06E-01	6.17E-01	8.41E-01	7.35E-01
2598	387527.74, 3749034.85	21.13137	18.45479	5.44E-01	4.75E-01	7.06E-01	6.17E-01	8.41E-01	7.35E-01
2599	387527.74, 3749059.85	20.99261	18.32851	5.41E-01	4.72E-01	7.02E-01	6.13E-01	8.36E-01	7.30E-01
2600	387527.74, 3749084.85	20.76196	18.12322	5.35E-01	4.67E-01	6.94E-01	6.06E-01	8.27E-01	7.22E-01
2601	387527.74, 3749109.85	20.48226	17.87547	5.27E-01	4.60E-01	6.85E-01	5.98E-01	8.16E-01	7.12E-01
2602	387527.74, 3749134.85	20.17346	17.60278	5.19E-01	4.53E-01	6.74E-01	5.88E-01	8.03E-01	7.01E-01
2603	387527.74, 3749159.85	19.84844	17.31639	5.11E-01	4.46E-01	6.63E-01	5.79E-01	7.90E-01	6.90E-01
2604	387527.74, 3749184.85	19.51679	17.02453	5.03E-01	4.38E-01	6.52E-01	5.69E-01	7.77E-01	6.78E-01
2605	387527.74, 3749209.85	19.18326	16.7314	4.94E-01	4.31E-01	6.41E-01	5.59E-01	7.64E-01	6.66E-01
2606	387527.74, 3749234.85	18.85501	16.44004	4.86E-01	4.23E-01	6.30E-01	5.50E-01	7.51E-01	6.55E-01
2607	387527.74, 3749259.85	18.53292	16.15254	4.77E-01	4.16E-01	6.19E-01	5.40E-01	7.38E-01	6.43E-01
2608	387527.74, 3749284.85	18.2175	15.87139	4.69E-01	4.09E-01	6.09E-01	5.31E-01	7.25E-01	6.32E-01
2609	387527.74, 3749309.85	17.91275	15.59907	4.61E-01	4.02E-01	5.99E-01	5.21E-01	7.13E-01	6.21E-01
2610	387527.74, 3749334.85	17.61329	15.33266	4.54E-01	3.95E-01	5.89E-01	5.13E-01	7.01E-01	6.11E-01
2611	387527.74, 3749359.85	17.31925	15.0723	4.46E-01	3.88E-01	5.79E-01	5.04E-01	6.90E-01	6.00E-01
2612	387527.74, 3749384.85	17.0292	14.81717	4.39E-01	3.82E-01	5.69E-01	4.95E-01	6.78E-01	5.90E-01
2613	387527.74, 3749409.85	16.74313	14.56722	4.31E-01	3.75E-01	5.60E-01	4.87E-01	6.67E-01	5.80E-01
2614	387527.74, 3749434.85	16.47995	14.33294	4.24E-01	3.69E-01	5.51E-01	4.79E-01	6.56E-01	5.71E-01
2615	387527.74, 3749459.85	16.22531	14.10624	4.18E-01	3.63E-01	5.42E-01	4.72E-01	6.46E-01	5.62E-01
2616	387527.74, 3749484.85	15.97524	13.88479	4.11E-01	3.58E-01	5.34E-01	4.64E-01	6.36E-01	5.53E-01
2617	387527.74, 3749509.85	15.7307	13.66903	4.05E-01	3.52E-01	5.26E-01	4.57E-01	6.26E-01	5.44E-01
2618	387527.74, 3749534.85	15.49273	13.45943	3.99E-01	3.47E-01	5.18E-01	4.50E-01	6.17E-01	5.36E-01
2619	387527.74, 3749559.85	15.26064	13.25553	3.93E-01	3.41E-01	5.10E-01	4.43E-01	6.08E-01	5.28E-01
2620	387527.74, 3749584.85	15.03533	13.05769	3.87E-01	3.36E-01	5.03E-01	4.36E-01	5.99E-01	5.20E-01
2621	387527.74, 3749609.85	14.81835	12.8667	3.82E-01	3.31E-01	4.95E-01	4.30E-01	5.90E-01	5.12E-01
2622	387527.74, 3749634.85	14.60813	12.68158	3.76E-01	3.27E-01	4.88E-01	4.24E-01	5.82E-01	5.05E-01
2623	387527.74, 3749659.85	14.40301	12.50132	3.71E-01	3.22E-01	4.81E-01	4.18E-01	5.74E-01	4.98E-01

2624	387527.74, 3749684.85	14.20178	12.32514	3.66E-01	3.17E-01	4.75E-01	4.12E-01	5.66E-01	4.91E-01
2625	387527.74, 3749709.85	14.00684	12.1543	3.61E-01	3.13E-01	4.68E-01	4.06E-01	5.58E-01	4.84E-01
2626	387527.74, 3749734.85	13.81719	11.98816	3.56E-01	3.09E-01	4.62E-01	4.01E-01	5.50E-01	4.77E-01
2627	387527.74, 3749759.85	13.63278	11.82662	3.51E-01	3.05E-01	4.56E-01	3.95E-01	5.43E-01	4.71E-01
2628	387527.74, 3749784.85	13.45292	11.66921	3.46E-01	3.00E-01	4.50E-01	3.90E-01	5.36E-01	4.65E-01
2629	387527.74, 3749809.85	13.27639	11.51519	3.42E-01	2.97E-01	4.44E-01	3.85E-01	5.29E-01	4.59E-01
2630	387527.74, 3749834.85	13.10571	11.36589	3.37E-01	2.93E-01	4.38E-01	3.80E-01	5.22E-01	4.53E-01
2631	387527.74, 3749859.85	12.94022	11.22087	3.33E-01	2.89E-01	4.33E-01	3.75E-01	5.15E-01	4.47E-01
2632	387527.74, 3749884.85	12.77807	11.07906	3.29E-01	2.85E-01	4.27E-01	3.70E-01	5.09E-01	4.41E-01
2633	387527.74, 3749909.85	12.61927	10.94038	3.25E-01	2.82E-01	4.22E-01	3.66E-01	5.03E-01	4.36E-01
2634	387527.74, 3749934.85	12.46446	10.80516	3.21E-01	2.78E-01	4.17E-01	3.61E-01	4.96E-01	4.30E-01
2635	387527.74, 3749959.85	12.31355	10.67327	3.17E-01	2.75E-01	4.12E-01	3.57E-01	4.90E-01	4.25E-01
2636	387527.74, 3749984.85	12.16745	10.54518	3.13E-01	2.72E-01	4.07E-01	3.52E-01	4.85E-01	4.20E-01
2637	387527.74, 3750009.85	12.02392	10.4196	3.10E-01	2.68E-01	4.02E-01	3.48E-01	4.79E-01	4.15E-01
2638	387527.74, 3750034.85	11.88318	10.29659	3.06E-01	2.65E-01	3.97E-01	3.44E-01	4.73E-01	4.10E-01
2639	387527.74, 3750059.85	11.74522	10.17612	3.02E-01	2.62E-01	3.93E-01	3.40E-01	4.68E-01	4.05E-01
2640	387527.74, 3750084.85	11.60915	10.05765	2.99E-01	2.59E-01	3.88E-01	3.36E-01	4.62E-01	4.01E-01
2641	387527.74, 3750109.85	11.47617	9.94179	2.96E-01	2.56E-01	3.84E-01	3.32E-01	4.57E-01	3.96E-01
2642	387527.74, 3750134.85	11.34587	9.8283	2.92E-01	2.53E-01	3.79E-01	3.29E-01	4.52E-01	3.91E-01
2643	387527.74, 3750159.85	11.21819	9.71709	2.89E-01	2.50E-01	3.75E-01	3.25E-01	4.47E-01	3.87E-01
2644	387527.74, 3750184.85	11.09302	9.60807	2.86E-01	2.47E-01	3.71E-01	3.21E-01	4.42E-01	3.83E-01
2645	387527.74, 3750209.85	10.97015	9.5011	2.82E-01	2.45E-01	3.67E-01	3.18E-01	4.37E-01	3.78E-01
2646	387527.74, 3750234.85	10.84964	9.39616	2.79E-01	2.42E-01	3.63E-01	3.14E-01	4.32E-01	3.74E-01
2647	387527.74, 3750259.85	10.73118	9.29307	2.76E-01	2.39E-01	3.59E-01	3.11E-01	4.27E-01	3.70E-01
2648	387527.74, 3750284.85	10.61485	9.19182	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
2649	387527.74, 3750309.85	10.50075	9.09246	2.70E-01	2.34E-01	3.51E-01	3.04E-01	4.18E-01	3.62E-01
2650	387527.74, 3750334.85	10.38864	8.99482	2.68E-01	2.32E-01	3.47E-01	3.01E-01	4.14E-01	3.58E-01
2651	387527.74, 3750359.85	10.27828	8.89874	2.65E-01	2.29E-01	3.44E-01	2.97E-01	4.09E-01	3.54E-01
2652	387527.74, 3750384.85	10.1698	8.80426	2.62E-01	2.27E-01	3.40E-01	2.94E-01	4.05E-01	3.51E-01
2653	387527.74, 3750409.85	10.06326	8.71139	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.01E-01	3.47E-01
2654	387527.74, 3750434.85	9.95831	8.61992	2.56E-01	2.22E-01	3.33E-01	2.88E-01	3.97E-01	3.43E-01
2655	387527.74, 3750459.85	9.85457	8.52961	2.54E-01	2.20E-01	3.29E-01	2.85E-01	3.92E-01	3.40E-01
2656	387527.74, 3750484.85	9.75194	8.44039	2.51E-01	2.17E-01	3.26E-01	2.82E-01	3.88E-01	3.36E-01
2657	387527.74, 3750509.85	9.65044	8.35223	2.49E-01	2.15E-01	3.23E-01	2.79E-01	3.84E-01	3.33E-01
2658	387527.74, 3750534.85	9.5503	8.26526	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
2659	387527.74, 3750559.85	9.45147	8.17941	2.43E-01	2.11E-01	3.16E-01	2.73E-01	3.76E-01	3.26E-01

2660	387527.74, 3750584.85	9.3538	8.09459	2.41E-01	2.08E-01	3.13E-01	2.71E-01	3.72E-01	3.22E-01
2661	387527.74, 3750609.85	9.25715	8.01068	2.38E-01	2.06E-01	3.09E-01	2.68E-01	3.69E-01	3.19E-01
2662	387527.74, 3750634.85	9.16158	7.92772	2.36E-01	2.04E-01	3.06E-01	2.65E-01	3.65E-01	3.16E-01
2663	387527.74, 3750659.85	9.06716	7.84572	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
2664	387527.74, 3750684.85	8.97355	7.76446	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.09E-01
2665	387552.74, 3748984.85	15.38965	13.42805	3.96E-01	3.46E-01	5.14E-01	4.49E-01	6.13E-01	5.35E-01
2666	387552.74, 3749009.85	15.82617	13.806	4.08E-01	3.56E-01	5.29E-01	4.61E-01	6.30E-01	5.50E-01
2667	387552.74, 3749034.85	16.06189	14.00956	4.14E-01	3.61E-01	5.37E-01	4.68E-01	6.40E-01	5.58E-01
2668	387552.74, 3749059.85	16.17037	14.09979	4.16E-01	3.63E-01	5.41E-01	4.71E-01	6.44E-01	5.61E-01
2669	387552.74, 3749084.85	16.18898	14.1093	4.17E-01	3.63E-01	5.41E-01	4.72E-01	6.45E-01	5.62E-01
2670	387552.74, 3749109.85	16.14513	14.06496	4.16E-01	3.62E-01	5.40E-01	4.70E-01	6.43E-01	5.60E-01
2671	387552.74, 3749134.85	16.05831	13.98359	4.14E-01	3.60E-01	5.37E-01	4.67E-01	6.39E-01	5.57E-01
2672	387552.74, 3749159.85	15.94042	13.87589	4.10E-01	3.57E-01	5.33E-01	4.64E-01	6.35E-01	5.53E-01
2673	387552.74, 3749184.85	15.80194	13.75051	4.07E-01	3.54E-01	5.28E-01	4.60E-01	6.29E-01	5.48E-01
2674	387552.74, 3749209.85	15.64933	13.61305	4.03E-01	3.51E-01	5.23E-01	4.55E-01	6.23E-01	5.42E-01
2675	387552.74, 3749234.85	15.48586	13.46677	3.99E-01	3.47E-01	5.18E-01	4.50E-01	6.17E-01	5.36E-01
2676	387552.74, 3749259.85	15.31435	13.31426	3.94E-01	3.43E-01	5.12E-01	4.45E-01	6.10E-01	5.30E-01
2677	387552.74, 3749284.85	15.13862	13.15843	3.90E-01	3.39E-01	5.06E-01	4.40E-01	6.03E-01	5.24E-01
2678	387552.74, 3749309.85	14.96323	13.00235	3.85E-01	3.35E-01	5.00E-01	4.35E-01	5.96E-01	5.18E-01
2679	387552.74, 3749334.85	14.78552	12.84497	3.81E-01	3.31E-01	4.94E-01	4.29E-01	5.89E-01	5.12E-01
2680	387552.74, 3749359.85	14.60708	12.68747	3.76E-01	3.27E-01	4.88E-01	4.24E-01	5.82E-01	5.05E-01
2681	387552.74, 3749384.85	14.42794	12.53011	3.72E-01	3.23E-01	4.82E-01	4.19E-01	5.75E-01	4.99E-01
2682	387552.74, 3749409.85	14.2476	12.37276	3.67E-01	3.19E-01	4.76E-01	4.14E-01	5.67E-01	4.93E-01
2683	387552.74, 3749434.85	14.0772	12.22174	3.63E-01	3.15E-01	4.71E-01	4.09E-01	5.61E-01	4.87E-01
2684	387552.74, 3749459.85	13.90839	12.0725	3.58E-01	3.11E-01	4.65E-01	4.04E-01	5.54E-01	4.81E-01
2685	387552.74, 3749484.85	13.74074	11.92484	3.54E-01	3.07E-01	4.59E-01	3.99E-01	5.47E-01	4.75E-01
2686	387552.74, 3749509.85	13.57509	11.77929	3.50E-01	3.03E-01	4.54E-01	3.94E-01	5.41E-01	4.69E-01
2687	387552.74, 3749534.85	13.41205	11.6362	3.45E-01	3.00E-01	4.48E-01	3.89E-01	5.34E-01	4.63E-01
2688	387552.74, 3749559.85	13.25149	11.49551	3.41E-01	2.96E-01	4.43E-01	3.84E-01	5.28E-01	4.58E-01
2689	387552.74, 3749584.85	13.09364	11.35735	3.37E-01	2.92E-01	4.38E-01	3.80E-01	5.21E-01	4.52E-01
2690	387552.74, 3749609.85	12.93967	11.22237	3.33E-01	2.89E-01	4.33E-01	3.75E-01	5.15E-01	4.47E-01
2691	387552.74, 3749634.85	12.78918	11.09032	3.29E-01	2.86E-01	4.27E-01	3.71E-01	5.09E-01	4.42E-01
2692	387552.74, 3749659.85	12.64137	10.96075	3.26E-01	2.82E-01	4.23E-01	3.66E-01	5.03E-01	4.36E-01
2693	387552.74, 3749684.85	12.49533	10.83314	3.22E-01	2.79E-01	4.18E-01	3.62E-01	4.98E-01	4.31E-01
2694	387552.74, 3749709.85	12.35221	10.70811	3.18E-01	2.76E-01	4.13E-01	3.58E-01	4.92E-01	4.26E-01
2695	387552.74, 3749734.85	12.21207	10.58566	3.14E-01	2.73E-01	4.08E-01	3.54E-01	4.86E-01	4.22E-01

2696	387552.74, 3749759.85	12.07477	10.46569	3.11E-01	2.70E-01	4.04E-01	3.50E-01	4.81E-01	4.17E-01
2697	387552.74, 3749784.85	11.94	10.34801	3.07E-01	2.66E-01	3.99E-01	3.46E-01	4.75E-01	4.12E-01
2698	387552.74, 3749809.85	11.80708	10.23222	3.04E-01	2.63E-01	3.95E-01	3.42E-01	4.70E-01	4.07E-01
2699	387552.74, 3749834.85	11.67757	10.11915	3.01E-01	2.61E-01	3.90E-01	3.38E-01	4.65E-01	4.03E-01
2700	387552.74, 3749859.85	11.55118	10.00861	2.97E-01	2.58E-01	3.86E-01	3.35E-01	4.60E-01	3.99E-01
2701	387552.74, 3749884.85	11.42687	9.90001	2.94E-01	2.55E-01	3.82E-01	3.31E-01	4.55E-01	3.94E-01
2702	387552.74, 3749909.85	11.30462	9.79331	2.91E-01	2.52E-01	3.78E-01	3.27E-01	4.50E-01	3.90E-01
2703	387552.74, 3749934.85	11.18453	9.68855	2.88E-01	2.49E-01	3.74E-01	3.24E-01	4.45E-01	3.86E-01
2704	387552.74, 3749959.85	11.06644	9.58559	2.85E-01	2.47E-01	3.70E-01	3.20E-01	4.41E-01	3.82E-01
2705	387552.74, 3749984.85	10.95133	9.48498	2.82E-01	2.44E-01	3.66E-01	3.17E-01	4.36E-01	3.78E-01
2706	387552.74, 3750009.85	10.8379	9.38596	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.32E-01	3.74E-01
2707	387552.74, 3750034.85	10.72616	9.28852	2.76E-01	2.39E-01	3.59E-01	3.10E-01	4.27E-01	3.70E-01
2708	387552.74, 3750059.85	10.61616	9.19265	2.73E-01	2.37E-01	3.55E-01	3.07E-01	4.23E-01	3.66E-01
2709	387552.74, 3750084.85	10.50781	9.0983	2.71E-01	2.34E-01	3.51E-01	3.04E-01	4.18E-01	3.62E-01
2710	387552.74, 3750109.85	10.40108	9.00542	2.68E-01	2.32E-01	3.48E-01	3.01E-01	4.14E-01	3.59E-01
2711	387552.74, 3750134.85	10.29596	8.91399	2.65E-01	2.30E-01	3.44E-01	2.98E-01	4.10E-01	3.55E-01
2712	387552.74, 3750159.85	10.19247	8.82399	2.62E-01	2.27E-01	3.41E-01	2.95E-01	4.06E-01	3.51E-01
2713	387552.74, 3750184.85	10.0906	8.7354	2.60E-01	2.25E-01	3.37E-01	2.92E-01	4.02E-01	3.48E-01
2714	387552.74, 3750209.85	9.99024	8.64815	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.44E-01
2715	387552.74, 3750234.85	9.89139	8.56221	2.55E-01	2.20E-01	3.31E-01	2.86E-01	3.94E-01	3.41E-01
2716	387552.74, 3750259.85	9.79416	8.47762	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.90E-01	3.38E-01
2717	387552.74, 3750284.85	9.69832	8.39424	2.50E-01	2.16E-01	3.24E-01	2.81E-01	3.86E-01	3.34E-01
2718	387552.74, 3750309.85	9.60353	8.31188	2.47E-01	2.14E-01	3.21E-01	2.78E-01	3.82E-01	3.31E-01
2719	387552.74, 3750334.85	9.50977	8.23047	2.45E-01	2.12E-01	3.18E-01	2.75E-01	3.79E-01	3.28E-01
2720	387552.74, 3750359.85	9.41757	8.15033	2.43E-01	2.10E-01	3.15E-01	2.72E-01	3.75E-01	3.25E-01
2721	387552.74, 3750384.85	9.3268	8.07135	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.71E-01	3.21E-01
2722	387552.74, 3750409.85	9.23726	7.99341	2.38E-01	2.06E-01	3.09E-01	2.67E-01	3.68E-01	3.18E-01
2723	387552.74, 3750434.85	9.14873	7.91636	2.36E-01	2.04E-01	3.06E-01	2.65E-01	3.64E-01	3.15E-01
2724	387552.74, 3750459.85	9.061	7.84007	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
2725	387552.74, 3750484.85	8.97397	7.76449	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.09E-01
2726	387577.74, 3748984.85	12.2194	10.63471	3.15E-01	2.74E-01	4.08E-01	3.55E-01	4.87E-01	4.23E-01
2727	387577.74, 3749009.85	12.64715	11.00496	3.26E-01	2.83E-01	4.23E-01	3.68E-01	5.04E-01	4.38E-01
2728	387577.74, 3749034.85	12.94281	11.25902	3.33E-01	2.90E-01	4.33E-01	3.76E-01	5.15E-01	4.48E-01
2729	387577.74, 3749059.85	13.13527	11.4233	3.38E-01	2.94E-01	4.39E-01	3.82E-01	5.23E-01	4.55E-01
2730	387577.74, 3749084.85	13.25102	11.52074	3.41E-01	2.97E-01	4.43E-01	3.85E-01	5.28E-01	4.59E-01
2731	387577.74, 3749109.85	13.30922	11.56821	3.43E-01	2.98E-01	4.45E-01	3.87E-01	5.30E-01	4.61E-01

2732	387577.74, 3749134.85	13.32402	11.57816	3.43E-01	2.98E-01	4.45E-01	3.87E-01	5.31E-01	4.61E-01
2733	387577.74, 3749159.85	13.30568	11.55965	3.43E-01	2.98E-01	4.45E-01	3.86E-01	5.30E-01	4.60E-01
2734	387577.74, 3749184.85	13.26294	11.52001	3.42E-01	2.97E-01	4.43E-01	3.85E-01	5.28E-01	4.59E-01
2735	387577.74, 3749209.85	13.20161	11.46433	3.40E-01	2.95E-01	4.41E-01	3.83E-01	5.26E-01	4.57E-01
2736	387577.74, 3749234.85	13.12663	11.39674	3.38E-01	2.93E-01	4.39E-01	3.81E-01	5.23E-01	4.54E-01
2737	387577.74, 3749259.85	13.04011	11.31947	3.36E-01	2.91E-01	4.36E-01	3.78E-01	5.19E-01	4.51E-01
2738	387577.74, 3749284.85	12.94452	11.2347	3.33E-01	2.89E-01	4.33E-01	3.76E-01	5.15E-01	4.47E-01
2739	387577.74, 3749309.85	12.84372	11.14522	3.31E-01	2.87E-01	4.29E-01	3.73E-01	5.11E-01	4.44E-01
2740	387577.74, 3749334.85	12.7377	11.05149	3.28E-01	2.85E-01	4.26E-01	3.69E-01	5.07E-01	4.40E-01
2741	387577.74, 3749359.85	12.62803	10.95478	3.25E-01	2.82E-01	4.22E-01	3.66E-01	5.03E-01	4.36E-01
2742	387577.74, 3749384.85	12.51563	10.85589	3.22E-01	2.80E-01	4.18E-01	3.63E-01	4.98E-01	4.32E-01
2743	387577.74, 3749409.85	12.40104	10.75537	3.19E-01	2.77E-01	4.15E-01	3.60E-01	4.94E-01	4.28E-01
2744	387577.74, 3749434.85	12.28653	10.65468	3.16E-01	2.74E-01	4.11E-01	3.56E-01	4.89E-01	4.24E-01
2745	387577.74, 3749459.85	12.17154	10.55364	3.13E-01	2.72E-01	4.07E-01	3.53E-01	4.85E-01	4.20E-01
2746	387577.74, 3749484.85	12.05646	10.4526	3.10E-01	2.69E-01	4.03E-01	3.49E-01	4.80E-01	4.16E-01
2747	387577.74, 3749509.85	11.94149	10.35177	3.08E-01	2.67E-01	3.99E-01	3.46E-01	4.76E-01	4.12E-01
2748	387577.74, 3749534.85	11.82679	10.25131	3.05E-01	2.64E-01	3.95E-01	3.43E-01	4.71E-01	4.08E-01
2749	387577.74, 3749559.85	11.71265	10.15144	3.02E-01	2.61E-01	3.92E-01	3.39E-01	4.66E-01	4.04E-01
2750	387577.74, 3749584.85	11.59935	10.05237	2.99E-01	2.59E-01	3.88E-01	3.36E-01	4.62E-01	4.00E-01
2751	387577.74, 3749609.85	11.4872	9.9543	2.96E-01	2.56E-01	3.84E-01	3.33E-01	4.57E-01	3.96E-01
2752	387577.74, 3749634.85	11.37625	9.85729	2.93E-01	2.54E-01	3.80E-01	3.29E-01	4.53E-01	3.93E-01
2753	387577.74, 3749659.85	11.26646	9.76134	2.90E-01	2.51E-01	3.77E-01	3.26E-01	4.49E-01	3.89E-01
2754	387577.74, 3749684.85	11.15768	9.66638	2.87E-01	2.49E-01	3.73E-01	3.23E-01	4.44E-01	3.85E-01
2755	387577.74, 3749709.85	11.04997	9.57245	2.85E-01	2.46E-01	3.69E-01	3.20E-01	4.40E-01	3.81E-01
2756	387577.74, 3749734.85	10.9436	9.47971	2.82E-01	2.44E-01	3.66E-01	3.17E-01	4.36E-01	3.77E-01
2757	387577.74, 3749759.85	10.83864	9.38822	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.32E-01	3.74E-01
2758	387577.74, 3749784.85	10.73517	9.298	2.76E-01	2.39E-01	3.59E-01	3.11E-01	4.27E-01	3.70E-01
2759	387577.74, 3749809.85	10.63313	9.20902	2.74E-01	2.37E-01	3.55E-01	3.08E-01	4.23E-01	3.67E-01
2760	387577.74, 3749834.85	10.53229	9.12116	2.71E-01	2.35E-01	3.52E-01	3.05E-01	4.19E-01	3.63E-01
2761	387577.74, 3749859.85	10.43288	9.03453	2.69E-01	2.33E-01	3.49E-01	3.02E-01	4.15E-01	3.60E-01
2762	387577.74, 3749884.85	10.335	8.94919	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.12E-01	3.56E-01
2763	387577.74, 3749909.85	10.23859	8.8651	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
2764	387577.74, 3749934.85	10.14351	8.78216	2.61E-01	2.26E-01	3.39E-01	2.94E-01	4.04E-01	3.50E-01
2765	387577.74, 3749959.85	10.04957	8.70027	2.59E-01	2.24E-01	3.36E-01	2.91E-01	4.00E-01	3.46E-01
2766	387577.74, 3749984.85	9.95674	8.6194	2.56E-01	2.22E-01	3.33E-01	2.88E-01	3.96E-01	3.43E-01
2767	387577.74, 3750009.85	9.86503	8.53956	2.54E-01	2.20E-01	3.30E-01	2.85E-01	3.93E-01	3.40E-01

2768	387577.74, 3750034.85	9.77449	8.46074	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.89E-01	3.37E-01
2769	387577.74, 3750059.85	9.68504	8.38291	2.49E-01	2.16E-01	3.24E-01	2.80E-01	3.86E-01	3.34E-01
2770	387577.74, 3750084.85	9.59638	8.30588	2.47E-01	2.14E-01	3.21E-01	2.78E-01	3.82E-01	3.31E-01
2771	387577.74, 3750109.85	9.50895	8.22989	2.45E-01	2.12E-01	3.18E-01	2.75E-01	3.79E-01	3.28E-01
2772	387577.74, 3750134.85	9.4225	8.15478	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.75E-01	3.25E-01
2773	387577.74, 3750159.85	9.33707	8.08058	2.40E-01	2.08E-01	3.12E-01	2.70E-01	3.72E-01	3.22E-01
2774	387577.74, 3750184.85	9.25277	8.00733	2.38E-01	2.06E-01	3.09E-01	2.68E-01	3.68E-01	3.19E-01
2775	387577.74, 3750209.85	9.16969	7.93507	2.36E-01	2.04E-01	3.07E-01	2.65E-01	3.65E-01	3.16E-01
2776	387577.74, 3750234.85	9.08785	7.8638	2.34E-01	2.02E-01	3.04E-01	2.63E-01	3.62E-01	3.13E-01
2777	387577.74, 3750259.85	9.00785	7.79383	2.32E-01	2.01E-01	3.01E-01	2.61E-01	3.59E-01	3.10E-01
2778	387577.74, 3750284.85	8.92726	7.72383	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.08E-01
2779	387577.74, 3750309.85	8.8469	7.65422	2.28E-01	1.97E-01	2.96E-01	2.56E-01	3.52E-01	3.05E-01
2780	387602.74, 3748984.85	10.13989	8.80806	2.61E-01	2.27E-01	3.39E-01	2.94E-01	4.04E-01	3.51E-01
2781	387602.74, 3749009.85	10.52287	9.14016	2.71E-01	2.35E-01	3.52E-01	3.06E-01	4.19E-01	3.64E-01
2782	387602.74, 3749034.85	10.81643	9.39338	2.79E-01	2.42E-01	3.62E-01	3.14E-01	4.31E-01	3.74E-01
2783	387602.74, 3749059.85	11.03194	9.57907	2.84E-01	2.47E-01	3.69E-01	3.20E-01	4.39E-01	3.81E-01
2784	387602.74, 3749084.85	11.18798	9.71232	2.88E-01	2.50E-01	3.74E-01	3.25E-01	4.46E-01	3.87E-01
2785	387602.74, 3749109.85	11.29387	9.80235	2.91E-01	2.52E-01	3.78E-01	3.28E-01	4.50E-01	3.90E-01
2786	387602.74, 3749134.85	11.36008	9.85823	2.93E-01	2.54E-01	3.80E-01	3.30E-01	4.52E-01	3.93E-01
2787	387602.74, 3749159.85	11.39483	9.88708	2.93E-01	2.55E-01	3.81E-01	3.30E-01	4.54E-01	3.94E-01
2788	387602.74, 3749184.85	11.4059	9.89523	2.94E-01	2.55E-01	3.81E-01	3.31E-01	4.54E-01	3.94E-01
2789	387602.74, 3749209.85	11.39775	9.88672	2.94E-01	2.55E-01	3.81E-01	3.30E-01	4.54E-01	3.94E-01
2790	387602.74, 3749234.85	11.37458	9.86509	2.93E-01	2.54E-01	3.80E-01	3.30E-01	4.53E-01	3.93E-01
2791	387602.74, 3749259.85	11.33925	9.83291	2.92E-01	2.53E-01	3.79E-01	3.29E-01	4.52E-01	3.92E-01
2792	387602.74, 3749284.85	11.29348	9.79189	2.91E-01	2.52E-01	3.77E-01	3.27E-01	4.50E-01	3.90E-01
2793	387602.74, 3749309.85	11.23931	9.74377	2.89E-01	2.51E-01	3.76E-01	3.26E-01	4.48E-01	3.88E-01
2794	387602.74, 3749334.85	11.17871	9.69013	2.88E-01	2.50E-01	3.74E-01	3.24E-01	4.45E-01	3.86E-01
2795	387602.74, 3749359.85	11.11286	9.63202	2.86E-01	2.48E-01	3.71E-01	3.22E-01	4.43E-01	3.84E-01
2796	387602.74, 3749384.85	11.04277	9.57031	2.84E-01	2.46E-01	3.69E-01	3.20E-01	4.40E-01	3.81E-01
2797	387602.74, 3749409.85	10.96927	9.50573	2.82E-01	2.45E-01	3.67E-01	3.18E-01	4.37E-01	3.79E-01
2798	387602.74, 3749434.85	10.89312	9.43892	2.81E-01	2.43E-01	3.64E-01	3.16E-01	4.34E-01	3.76E-01
2799	387602.74, 3749459.85	10.81499	9.37041	2.78E-01	2.41E-01	3.62E-01	3.13E-01	4.31E-01	3.73E-01
2800	387602.74, 3749484.85	10.73532	9.3006	2.76E-01	2.39E-01	3.59E-01	3.11E-01	4.27E-01	3.70E-01
2801	387602.74, 3749509.85	10.65448	9.22982	2.74E-01	2.38E-01	3.56E-01	3.09E-01	4.24E-01	3.68E-01
2802	387602.74, 3749534.85	10.57268	9.15828	2.72E-01	2.36E-01	3.53E-01	3.06E-01	4.21E-01	3.65E-01
2803	387602.74, 3749559.85	10.4903	9.08627	2.70E-01	2.34E-01	3.51E-01	3.04E-01	4.18E-01	3.62E-01

2804	387602.74, 3749584.85	10.40757	9.01399	2.68E-01	2.32E-01	3.48E-01	3.01E-01	4.14E-01	3.59E-01
2805	387602.74, 3749609.85	10.32459	8.94156	2.66E-01	2.30E-01	3.45E-01	2.99E-01	4.11E-01	3.56E-01
2806	387602.74, 3749634.85	10.2417	8.8692	2.64E-01	2.28E-01	3.42E-01	2.96E-01	4.08E-01	3.53E-01
2807	387602.74, 3749659.85	10.159	8.79702	2.62E-01	2.27E-01	3.40E-01	2.94E-01	4.05E-01	3.50E-01
2808	387602.74, 3749684.85	10.07609	8.72482	2.59E-01	2.25E-01	3.37E-01	2.92E-01	4.01E-01	3.47E-01
2809	387602.74, 3749709.85	9.99357	8.65297	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.45E-01
2810	387602.74, 3749734.85	9.91144	8.58148	2.55E-01	2.21E-01	3.31E-01	2.87E-01	3.95E-01	3.42E-01
2811	387602.74, 3749759.85	9.82984	8.51046	2.53E-01	2.19E-01	3.29E-01	2.84E-01	3.91E-01	3.39E-01
2812	387602.74, 3749784.85	9.74915	8.44013	2.51E-01	2.17E-01	3.26E-01	2.82E-01	3.88E-01	3.36E-01
2813	387602.74, 3749809.85	9.66962	8.37063	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.33E-01
2814	387602.74, 3749834.85	9.58962	8.30107	2.47E-01	2.14E-01	3.21E-01	2.77E-01	3.82E-01	3.31E-01
2815	387602.74, 3749859.85	9.51021	8.23205	2.45E-01	2.12E-01	3.18E-01	2.75E-01	3.79E-01	3.28E-01
2816	387602.74, 3749884.85	9.43177	8.16379	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.76E-01	3.25E-01
2817	387602.74, 3749909.85	9.35434	8.0963	2.41E-01	2.08E-01	3.13E-01	2.71E-01	3.73E-01	3.22E-01
2818	387602.74, 3749934.85	9.27769	8.02946	2.39E-01	2.07E-01	3.10E-01	2.68E-01	3.69E-01	3.20E-01
2819	387602.74, 3749959.85	9.20128	7.96298	2.37E-01	2.05E-01	3.08E-01	2.66E-01	3.66E-01	3.17E-01
2820	387602.74, 3749984.85	9.12541	7.89702	2.35E-01	2.03E-01	3.05E-01	2.64E-01	3.63E-01	3.14E-01
2821	387602.74, 3750009.85	9.05029	7.8317	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.60E-01	3.12E-01
2822	387602.74, 3750034.85	8.97591	7.767	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.57E-01	3.09E-01
2823	387602.74, 3750059.85	8.90215	7.70286	2.29E-01	1.98E-01	2.98E-01	2.57E-01	3.54E-01	3.07E-01
2824	387602.74, 3750084.85	8.82878	7.63915	2.27E-01	1.97E-01	2.95E-01	2.55E-01	3.52E-01	3.04E-01
2825	387602.74, 3750109.85	8.75592	7.57593	2.25E-01	1.95E-01	2.93E-01	2.53E-01	3.49E-01	3.02E-01
2826	387627.74, 3748984.85	8.8414	7.53032	2.28E-01	1.94E-01	2.96E-01	2.52E-01	3.52E-01	3.00E-01
2827	387627.74, 3749009.85	9.10989	7.81867	2.35E-01	2.01E-01	3.05E-01	2.61E-01	3.63E-01	3.11E-01
2828	387627.74, 3749034.85	9.28222	8.05217	2.39E-01	2.07E-01	3.10E-01	2.69E-01	3.70E-01	3.21E-01
2829	387627.74, 3749059.85	9.49539	8.23633	2.45E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.28E-01
2830	387627.74, 3749084.85	9.66203	8.37953	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.34E-01
2831	387627.74, 3749109.85	9.78858	8.48788	2.52E-01	2.19E-01	3.27E-01	2.84E-01	3.90E-01	3.38E-01
2832	387627.74, 3749134.85	9.8807	8.56671	2.54E-01	2.21E-01	3.30E-01	2.86E-01	3.93E-01	3.41E-01
2833	387627.74, 3749159.85	9.94516	8.62167	2.56E-01	2.22E-01	3.32E-01	2.88E-01	3.96E-01	3.43E-01
2834	387627.74, 3749184.85	9.98744	8.65731	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.98E-01	3.45E-01
2835	387627.74, 3749209.85	10.01157	8.67715	2.58E-01	2.23E-01	3.35E-01	2.90E-01	3.99E-01	3.46E-01
2836	387627.74, 3749234.85	10.0205	8.68383	2.58E-01	2.24E-01	3.35E-01	2.90E-01	3.99E-01	3.46E-01
2837	387627.74, 3749259.85	10.01675	8.67959	2.58E-01	2.24E-01	3.35E-01	2.90E-01	3.99E-01	3.46E-01
2838	387627.74, 3749284.85	10.0023	8.6662	2.58E-01	2.23E-01	3.34E-01	2.90E-01	3.98E-01	3.45E-01
2839	387627.74, 3749309.85	9.979	8.64523	2.57E-01	2.23E-01	3.34E-01	2.89E-01	3.97E-01	3.44E-01

2840	387627.74, 3749334.85	9.94841	8.61802	2.56E-01	2.22E-01	3.33E-01	2.88E-01	3.96E-01	3.43E-01
2841	387627.74, 3749359.85	9.91181	8.58562	2.55E-01	2.21E-01	3.31E-01	2.87E-01	3.95E-01	3.42E-01
2842	387627.74, 3749384.85	9.87018	8.54892	2.54E-01	2.20E-01	3.30E-01	2.86E-01	3.93E-01	3.40E-01
2843	387627.74, 3749409.85	9.82425	8.50855	2.53E-01	2.19E-01	3.28E-01	2.84E-01	3.91E-01	3.39E-01
2844	387627.74, 3749434.85	9.77495	8.46526	2.52E-01	2.18E-01	3.27E-01	2.83E-01	3.89E-01	3.37E-01
2845	387627.74, 3749459.85	9.72274	8.41947	2.50E-01	2.17E-01	3.25E-01	2.81E-01	3.87E-01	3.35E-01
2846	387627.74, 3749484.85	9.66797	8.37154	2.49E-01	2.16E-01	3.23E-01	2.80E-01	3.85E-01	3.33E-01
2847	387627.74, 3749509.85	9.61121	8.3219	2.47E-01	2.14E-01	3.21E-01	2.78E-01	3.83E-01	3.31E-01
2848	387627.74, 3749534.85	9.55292	8.27093	2.46E-01	2.13E-01	3.19E-01	2.76E-01	3.80E-01	3.29E-01
2849	387627.74, 3749559.85	9.49333	8.21884	2.44E-01	2.12E-01	3.17E-01	2.75E-01	3.78E-01	3.27E-01
2850	387627.74, 3749584.85	9.43251	8.16574	2.43E-01	2.10E-01	3.15E-01	2.73E-01	3.76E-01	3.25E-01
2851	387627.74, 3749609.85	9.37072	8.11185	2.41E-01	2.09E-01	3.13E-01	2.71E-01	3.73E-01	3.23E-01
2852	387627.74, 3749634.85	9.3083	8.05741	2.40E-01	2.07E-01	3.11E-01	2.69E-01	3.71E-01	3.21E-01
2853	387627.74, 3749659.85	9.24529	8.0025	2.38E-01	2.06E-01	3.09E-01	2.67E-01	3.68E-01	3.19E-01
2854	387627.74, 3749684.85	9.18142	7.947	2.36E-01	2.05E-01	3.07E-01	2.66E-01	3.66E-01	3.16E-01
2855	387627.74, 3749709.85	9.1176	7.89146	2.35E-01	2.03E-01	3.05E-01	2.64E-01	3.63E-01	3.14E-01
2856	387627.74, 3749734.85	9.05378	7.83588	2.33E-01	2.02E-01	3.03E-01	2.62E-01	3.61E-01	3.12E-01
2857	387627.74, 3749759.85	8.98981	7.7802	2.31E-01	2.00E-01	3.00E-01	2.60E-01	3.58E-01	3.10E-01
2858	387627.74, 3749784.85	8.92602	7.72462	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.08E-01
2859	387627.74, 3749809.85	8.86279	7.66938	2.28E-01	1.97E-01	2.96E-01	2.56E-01	3.53E-01	3.05E-01
2860	387627.74, 3749834.85	8.79898	7.61386	2.27E-01	1.96E-01	2.94E-01	2.55E-01	3.50E-01	3.03E-01
2861	387627.74, 3749859.85	8.73481	7.5582	2.25E-01	1.95E-01	2.92E-01	2.53E-01	3.48E-01	3.01E-01
2862	387627.74, 3749884.85	8.67134	7.50299	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.45E-01	2.99E-01
2863	387627.74, 3749909.85	8.60844	7.44817	2.22E-01	1.92E-01	2.88E-01	2.49E-01	3.43E-01	2.97E-01
2864	387627.74, 3749934.85	8.54568	7.39351	2.20E-01	1.90E-01	2.86E-01	2.47E-01	3.40E-01	2.94E-01
2865	387652.74, 3748984.85	7.8518	6.58678	2.02E-01	1.70E-01	2.62E-01	2.20E-01	3.13E-01	2.62E-01
2866	387652.74, 3749009.85	8.1527	6.8357	2.10E-01	1.76E-01	2.73E-01	2.28E-01	3.25E-01	2.72E-01
2867	387652.74, 3749034.85	8.31311	7.04618	2.14E-01	1.81E-01	2.78E-01	2.36E-01	3.31E-01	2.81E-01
2868	387652.74, 3749059.85	8.39243	7.22008	2.16E-01	1.86E-01	2.81E-01	2.41E-01	3.34E-01	2.88E-01
2869	387652.74, 3749084.85	8.49503	7.36143	2.19E-01	1.90E-01	2.84E-01	2.46E-01	3.38E-01	2.93E-01
2870	387652.74, 3749109.85	8.62641	7.47457	2.22E-01	1.92E-01	2.88E-01	2.50E-01	3.44E-01	2.98E-01
2871	387652.74, 3749134.85	8.72986	7.56353	2.25E-01	1.95E-01	2.92E-01	2.53E-01	3.48E-01	3.01E-01
2872	387652.74, 3749159.85	8.80942	7.63185	2.27E-01	1.97E-01	2.94E-01	2.55E-01	3.51E-01	3.04E-01
2873	387652.74, 3749184.85	8.86856	7.6826	2.28E-01	1.98E-01	2.96E-01	2.57E-01	3.53E-01	3.06E-01
2874	387652.74, 3749209.85	8.91152	7.71912	2.29E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
2875	387652.74, 3749234.85	8.94068	7.74355	2.30E-01	1.99E-01	2.99E-01	2.59E-01	3.56E-01	3.08E-01

2876	387652.74, 3749259.85	8.95749	7.75738	2.31E-01	2.00E-01	2.99E-01	2.59E-01	3.57E-01	3.09E-01
2877	387652.74, 3749284.85	8.96374	7.76219	2.31E-01	2.00E-01	3.00E-01	2.59E-01	3.57E-01	3.09E-01
2878	387652.74, 3749309.85	8.96116	7.75941	2.31E-01	2.00E-01	3.00E-01	2.59E-01	3.57E-01	3.09E-01
2879	387652.74, 3749334.85	8.9512	7.75026	2.31E-01	2.00E-01	2.99E-01	2.59E-01	3.56E-01	3.09E-01
2880	387652.74, 3749359.85	8.93491	7.73566	2.30E-01	1.99E-01	2.99E-01	2.59E-01	3.56E-01	3.08E-01
2881	387652.74, 3749384.85	8.91324	7.71642	2.30E-01	1.99E-01	2.98E-01	2.58E-01	3.55E-01	3.07E-01
2882	387652.74, 3749409.85	8.88694	7.69321	2.29E-01	1.98E-01	2.97E-01	2.57E-01	3.54E-01	3.06E-01
2883	387652.74, 3749434.85	8.85673	7.66662	2.28E-01	1.97E-01	2.96E-01	2.56E-01	3.53E-01	3.05E-01
2884	387652.74, 3749459.85	8.82312	7.63711	2.27E-01	1.97E-01	2.95E-01	2.55E-01	3.51E-01	3.04E-01
2885	387652.74, 3749484.85	8.78657	7.60508	2.26E-01	1.96E-01	2.94E-01	2.54E-01	3.50E-01	3.03E-01
2886	387652.74, 3749509.85	8.74752	7.57091	2.25E-01	1.95E-01	2.92E-01	2.53E-01	3.48E-01	3.01E-01
2887	387652.74, 3749534.85	8.70638	7.53494	2.24E-01	1.94E-01	2.91E-01	2.52E-01	3.47E-01	3.00E-01
2888	387652.74, 3749559.85	8.66349	7.49744	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.45E-01	2.99E-01
2889	387652.74, 3749584.85	8.61898	7.45858	2.22E-01	1.92E-01	2.88E-01	2.49E-01	3.43E-01	2.97E-01
2890	387652.74, 3749609.85	8.57313	7.41856	2.21E-01	1.91E-01	2.87E-01	2.48E-01	3.41E-01	2.95E-01
2891	387652.74, 3749634.85	8.52612	7.37756	2.20E-01	1.90E-01	2.85E-01	2.47E-01	3.40E-01	2.94E-01
2892	387652.74, 3749659.85	8.47811	7.33572	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.38E-01	2.92E-01
2893	387652.74, 3749684.85	8.42926	7.29316	2.17E-01	1.88E-01	2.82E-01	2.44E-01	3.36E-01	2.90E-01
2894	387652.74, 3749709.85	8.37983	7.25009	2.16E-01	1.87E-01	2.80E-01	2.42E-01	3.34E-01	2.89E-01
2895	387652.74, 3749734.85	8.32979	7.20651	2.14E-01	1.86E-01	2.78E-01	2.41E-01	3.32E-01	2.87E-01
2896	387677.74, 3748984.85	7.0555	5.86112	1.82E-01	1.51E-01	2.36E-01	1.96E-01	2.81E-01	2.33E-01
2897	387677.74, 3749009.85	7.3584	6.07511	1.89E-01	1.56E-01	2.46E-01	2.03E-01	2.93E-01	2.42E-01
2898	387677.74, 3749034.85	7.53783	6.26211	1.94E-01	1.61E-01	2.52E-01	2.09E-01	3.00E-01	2.49E-01
2899	387677.74, 3749059.85	7.63506	6.42194	1.97E-01	1.65E-01	2.55E-01	2.15E-01	3.04E-01	2.56E-01
2900	387677.74, 3749084.85	7.68639	6.5565	1.98E-01	1.69E-01	2.57E-01	2.19E-01	3.06E-01	2.61E-01
2901	387677.74, 3749109.85	7.72021	6.66828	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.07E-01	2.66E-01
2902	387677.74, 3749134.85	7.80522	6.76008	2.01E-01	1.74E-01	2.61E-01	2.26E-01	3.11E-01	2.69E-01
2903	387677.74, 3749159.85	7.89122	6.83427	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.14E-01	2.72E-01
2904	387677.74, 3749184.85	7.95973	6.89331	2.05E-01	1.78E-01	2.66E-01	2.30E-01	3.17E-01	2.75E-01
2905	387677.74, 3749209.85	8.01355	6.93951	2.06E-01	1.79E-01	2.68E-01	2.32E-01	3.19E-01	2.76E-01
2906	387677.74, 3749234.85	8.05461	6.97457	2.07E-01	1.80E-01	2.69E-01	2.33E-01	3.21E-01	2.78E-01
2907	387677.74, 3749259.85	8.08468	7.00005	2.08E-01	1.80E-01	2.70E-01	2.34E-01	3.22E-01	2.79E-01
2908	387677.74, 3749284.85	8.10477	7.01699	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.79E-01
2909	387677.74, 3749309.85	8.11591	7.02637	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
2910	387677.74, 3749334.85	8.12024	7.02972	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
2911	387677.74, 3749359.85	8.11811	7.02756	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01

2912	387677.74, 3749384.85	8.11025	7.02053	2.09E-01	1.81E-01	2.71E-01	2.35E-01	3.23E-01	2.80E-01
2913	387677.74, 3749409.85	8.09747	7.00932	2.09E-01	1.80E-01	2.71E-01	2.34E-01	3.22E-01	2.79E-01
2914	387677.74, 3749434.85	8.08058	6.99456	2.08E-01	1.80E-01	2.70E-01	2.34E-01	3.22E-01	2.79E-01
2915	387677.74, 3749459.85	8.06039	6.97685	2.08E-01	1.80E-01	2.69E-01	2.33E-01	3.21E-01	2.78E-01
2916	387677.74, 3749484.85	8.03717	6.9565	2.07E-01	1.79E-01	2.69E-01	2.33E-01	3.20E-01	2.77E-01
2917	387677.74, 3749509.85	8.01139	6.93388	2.06E-01	1.79E-01	2.68E-01	2.32E-01	3.19E-01	2.76E-01
2918	387677.74, 3749534.85	7.98329	6.90924	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.75E-01
2919	387677.74, 3749559.85	7.95325	6.88287	2.05E-01	1.77E-01	2.66E-01	2.30E-01	3.17E-01	2.74E-01
2920	387702.74, 3748984.85	6.45049	5.29036	1.66E-01	1.36E-01	2.16E-01	1.77E-01	2.57E-01	2.11E-01
2921	387702.74, 3749009.85	6.73203	5.47325	1.73E-01	1.41E-01	2.25E-01	1.83E-01	2.68E-01	2.18E-01
2922	387702.74, 3749034.85	6.90088	5.63688	1.78E-01	1.45E-01	2.31E-01	1.88E-01	2.75E-01	2.24E-01
2923	387702.74, 3749059.85	6.99556	5.78046	1.80E-01	1.49E-01	2.34E-01	1.93E-01	2.79E-01	2.30E-01
2924	387702.74, 3749084.85	7.04858	5.90497	1.82E-01	1.52E-01	2.36E-01	1.97E-01	2.81E-01	2.35E-01
2925	387702.74, 3749109.85	7.07892	6.01179	1.82E-01	1.55E-01	2.37E-01	2.01E-01	2.82E-01	2.39E-01
2926	387702.74, 3749134.85	7.10748	6.10246	1.83E-01	1.57E-01	2.38E-01	2.04E-01	2.83E-01	2.43E-01
2927	387702.74, 3749159.85	7.13468	6.17877	1.84E-01	1.59E-01	2.38E-01	2.07E-01	2.84E-01	2.46E-01
2928	387702.74, 3749184.85	7.20942	6.24271	1.86E-01	1.61E-01	2.41E-01	2.09E-01	2.87E-01	2.49E-01
2929	387702.74, 3749209.85	7.27078	6.29509	1.87E-01	1.62E-01	2.43E-01	2.10E-01	2.90E-01	2.51E-01
2930	387702.74, 3749234.85	7.32022	6.33723	1.89E-01	1.63E-01	2.45E-01	2.12E-01	2.92E-01	2.52E-01
2931	387702.74, 3749259.85	7.35959	6.37059	1.90E-01	1.64E-01	2.46E-01	2.13E-01	2.93E-01	2.54E-01
2932	387702.74, 3749284.85	7.38989	6.39613	1.90E-01	1.65E-01	2.47E-01	2.14E-01	2.94E-01	2.55E-01
2933	387702.74, 3749309.85	7.41148	6.4144	1.91E-01	1.65E-01	2.48E-01	2.14E-01	2.95E-01	2.55E-01
2934	387702.74, 3749334.85	7.4271	6.4272	1.91E-01	1.66E-01	2.48E-01	2.15E-01	2.96E-01	2.56E-01
2935	387702.74, 3749359.85	7.43644	6.43463	1.91E-01	1.66E-01	2.49E-01	2.15E-01	2.96E-01	2.56E-01
2936	387702.74, 3749384.85	7.44014	6.43729	1.92E-01	1.66E-01	2.49E-01	2.15E-01	2.96E-01	2.56E-01
2937	387727.74, 3748984.85	5.94401	4.82563	1.53E-01	1.24E-01	1.99E-01	1.61E-01	2.37E-01	1.92E-01
2938	387727.74, 3749009.85	6.2385	4.9865	1.61E-01	1.28E-01	2.09E-01	1.67E-01	2.48E-01	1.99E-01
2939	387727.74, 3749034.85	6.42443	5.13242	1.65E-01	1.32E-01	2.15E-01	1.72E-01	2.56E-01	2.04E-01
2940	387727.74, 3749059.85	6.5312	5.26261	1.68E-01	1.36E-01	2.18E-01	1.76E-01	2.60E-01	2.10E-01
2941	387727.74, 3749084.85	6.58918	5.37763	1.70E-01	1.38E-01	2.20E-01	1.80E-01	2.62E-01	2.14E-01
2942	387727.74, 3749109.85	6.62617	5.47845	1.71E-01	1.41E-01	2.21E-01	1.83E-01	2.64E-01	2.18E-01
2943	387727.74, 3749134.85	6.65455	5.56602	1.71E-01	1.43E-01	2.22E-01	1.86E-01	2.65E-01	2.22E-01
2944	387727.74, 3749159.85	6.6793	5.64146	1.72E-01	1.45E-01	2.23E-01	1.89E-01	2.66E-01	2.25E-01
2945	387727.74, 3749184.85	6.69613	5.70609	1.72E-01	1.47E-01	2.24E-01	1.91E-01	2.67E-01	2.27E-01
2946	387752.74, 3748984.85	5.49133	4.43724	1.41E-01	1.14E-01	1.84E-01	1.48E-01	2.19E-01	1.77E-01
2947	387752.74, 3749009.85	5.77839	4.57845	1.49E-01	1.18E-01	1.93E-01	1.53E-01	2.30E-01	1.82E-01

2948	387419.61, 3751582.97	7.75318	6.71056	2.00E-01	1.73E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
2949	387419.61, 3751632.97	7.39186	6.39738	1.90E-01	1.65E-01	2.47E-01	2.14E-01	2.94E-01	2.55E-01
2950	387419.61, 3751682.97	7.02946	6.06543	1.81E-01	1.56E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
2951	387419.61, 3751732.97	6.80471	5.7601	1.75E-01	1.48E-01	2.27E-01	1.93E-01	2.71E-01	2.29E-01
2952	387419.61, 3751782.97	6.57145	5.56739	1.69E-01	1.43E-01	2.20E-01	1.86E-01	2.62E-01	2.22E-01
2953	387419.61, 3751832.97	6.33675	5.35343	1.63E-01	1.38E-01	2.12E-01	1.79E-01	2.52E-01	2.13E-01
2954	387469.61, 3751182.97	8.58764	7.43142	2.21E-01	1.91E-01	2.87E-01	2.48E-01	3.42E-01	2.96E-01
2955	387469.61, 3751232.97	8.35561	7.2303	2.15E-01	1.86E-01	2.79E-01	2.42E-01	3.33E-01	2.88E-01
2956	387469.61, 3751282.97	8.12283	7.02822	2.09E-01	1.81E-01	2.72E-01	2.35E-01	3.23E-01	2.80E-01
2957	387469.61, 3751332.97	7.8859	6.82287	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.14E-01	2.72E-01
2958	387469.61, 3751382.97	7.64393	6.61327	1.97E-01	1.70E-01	2.56E-01	2.21E-01	3.04E-01	2.63E-01
2959	387469.61, 3751432.97	7.39565	6.39821	1.90E-01	1.65E-01	2.47E-01	2.14E-01	2.95E-01	2.55E-01
2960	387469.61, 3751482.97	7.13904	6.17596	1.84E-01	1.59E-01	2.39E-01	2.06E-01	2.84E-01	2.46E-01
2961	387469.61, 3751532.97	6.87226	5.94488	1.77E-01	1.53E-01	2.30E-01	1.99E-01	2.74E-01	2.37E-01
2962	387469.61, 3751582.97	6.59283	5.70294	1.70E-01	1.47E-01	2.20E-01	1.91E-01	2.63E-01	2.27E-01
2963	387469.61, 3751632.97	6.37024	5.44842	1.64E-01	1.40E-01	2.13E-01	1.82E-01	2.54E-01	2.17E-01
2964	387469.61, 3751682.97	6.19739	5.23916	1.60E-01	1.35E-01	2.07E-01	1.75E-01	2.47E-01	2.09E-01
2965	387469.61, 3751732.97	6.01904	5.09283	1.55E-01	1.31E-01	2.01E-01	1.70E-01	2.40E-01	2.03E-01
2966	387469.61, 3751782.97	5.83666	4.93819	1.50E-01	1.27E-01	1.95E-01	1.65E-01	2.32E-01	1.97E-01
2967	387469.61, 3751832.97	5.65501	4.76283	1.46E-01	1.23E-01	1.89E-01	1.59E-01	2.25E-01	1.90E-01
2968	387519.61, 3750832.97	8.64923	7.48324	2.23E-01	1.93E-01	2.89E-01	2.50E-01	3.44E-01	2.98E-01
2969	387519.61, 3750882.97	8.46418	7.32266	2.18E-01	1.89E-01	2.83E-01	2.45E-01	3.37E-01	2.92E-01
2970	387519.61, 3750932.97	8.28015	7.16324	2.13E-01	1.84E-01	2.77E-01	2.39E-01	3.30E-01	2.85E-01
2971	387519.61, 3750982.97	8.09797	7.00527	2.09E-01	1.80E-01	2.71E-01	2.34E-01	3.22E-01	2.79E-01
2972	387519.61, 3751032.97	7.91649	6.84789	2.04E-01	1.76E-01	2.65E-01	2.29E-01	3.15E-01	2.73E-01
2973	387519.61, 3751082.97	7.7351	6.69058	1.99E-01	1.72E-01	2.59E-01	2.24E-01	3.08E-01	2.66E-01
2974	387519.61, 3751132.97	7.55255	6.53242	1.94E-01	1.68E-01	2.52E-01	2.18E-01	3.01E-01	2.60E-01
2975	387519.61, 3751182.97	7.36822	6.37283	1.90E-01	1.64E-01	2.46E-01	2.13E-01	2.93E-01	2.54E-01
2976	387519.61, 3751232.97	7.18169	6.21132	1.85E-01	1.60E-01	2.40E-01	2.08E-01	2.86E-01	2.47E-01
2977	387519.61, 3751282.97	6.99263	6.04742	1.80E-01	1.56E-01	2.34E-01	2.02E-01	2.78E-01	2.41E-01
2978	387519.61, 3751332.97	6.79854	5.87945	1.75E-01	1.51E-01	2.27E-01	1.97E-01	2.71E-01	2.34E-01
2979	387519.61, 3751382.97	6.59929	5.70697	1.70E-01	1.47E-01	2.21E-01	1.91E-01	2.63E-01	2.27E-01
2980	387519.61, 3751432.97	6.39363	5.52894	1.65E-01	1.42E-01	2.14E-01	1.85E-01	2.55E-01	2.20E-01
2981	387519.61, 3751482.97	6.1802	5.34419	1.59E-01	1.38E-01	2.07E-01	1.79E-01	2.46E-01	2.13E-01
2982	387519.61, 3751532.97	5.97353	5.15167	1.54E-01	1.33E-01	2.00E-01	1.72E-01	2.38E-01	2.05E-01
2983	387519.61, 3751582.97	5.83886	4.95008	1.50E-01	1.27E-01	1.95E-01	1.65E-01	2.33E-01	1.97E-01

2984	387519.61, 3751632.97	5.70117	4.81456	1.47E-01	1.24E-01	1.91E-01	1.61E-01	2.27E-01	1.92E-01
2985	387519.61, 3751682.97	5.55907	4.69864	1.43E-01	1.21E-01	1.86E-01	1.57E-01	2.21E-01	1.87E-01
2986	387519.61, 3751732.97	5.41348	4.57813	1.39E-01	1.18E-01	1.81E-01	1.53E-01	2.16E-01	1.82E-01
2987	387519.61, 3751782.97	5.26874	4.44988	1.36E-01	1.15E-01	1.76E-01	1.49E-01	2.10E-01	1.77E-01
2988	387519.61, 3751832.97	5.12141	4.30192	1.32E-01	1.11E-01	1.71E-01	1.44E-01	2.04E-01	1.71E-01
2989	387569.61, 3750432.97	8.67792	7.50756	2.23E-01	1.93E-01	2.90E-01	2.51E-01	3.46E-01	2.99E-01
2990	387569.61, 3750482.97	8.52047	7.37078	2.19E-01	1.90E-01	2.85E-01	2.46E-01	3.39E-01	2.94E-01
2991	387569.61, 3750532.97	8.36508	7.236	2.15E-01	1.86E-01	2.80E-01	2.42E-01	3.33E-01	2.88E-01
2992	387569.61, 3750582.97	8.21231	7.10344	2.11E-01	1.83E-01	2.75E-01	2.37E-01	3.27E-01	2.83E-01
2993	387569.61, 3750632.97	8.06105	6.9724	2.08E-01	1.80E-01	2.69E-01	2.33E-01	3.21E-01	2.78E-01
2994	387569.61, 3750682.97	7.91209	6.84321	2.04E-01	1.76E-01	2.64E-01	2.29E-01	3.15E-01	2.73E-01
2995	387569.61, 3750732.97	7.76314	6.7145	2.00E-01	1.73E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
2996	387569.61, 3750782.97	7.61655	6.58746	1.96E-01	1.70E-01	2.55E-01	2.20E-01	3.03E-01	2.62E-01
2997	387569.61, 3750832.97	7.47169	6.46164	1.92E-01	1.66E-01	2.50E-01	2.16E-01	2.98E-01	2.57E-01
2998	387569.61, 3750882.97	7.32681	6.33595	1.89E-01	1.63E-01	2.45E-01	2.12E-01	2.92E-01	2.52E-01
2999	387569.61, 3750932.97	7.18143	6.21002	1.85E-01	1.60E-01	2.40E-01	2.08E-01	2.86E-01	2.47E-01
3000	387569.61, 3750982.97	7.03583	6.08386	1.81E-01	1.57E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
3001	387569.61, 3751032.97	6.88933	5.95696	1.77E-01	1.53E-01	2.30E-01	1.99E-01	2.74E-01	2.37E-01
3002	387569.61, 3751082.97	6.74152	5.82894	1.74E-01	1.50E-01	2.25E-01	1.95E-01	2.68E-01	2.32E-01
3003	387569.61, 3751132.97	6.59184	5.69933	1.70E-01	1.47E-01	2.20E-01	1.91E-01	2.62E-01	2.27E-01
3004	387569.61, 3751182.97	6.43968	5.56762	1.66E-01	1.43E-01	2.15E-01	1.86E-01	2.56E-01	2.22E-01
3005	387569.61, 3751232.97	6.28452	5.43333	1.62E-01	1.40E-01	2.10E-01	1.82E-01	2.50E-01	2.16E-01
3006	387569.61, 3751282.97	6.1257	5.29587	1.58E-01	1.36E-01	2.05E-01	1.77E-01	2.44E-01	2.11E-01
3007	387569.61, 3751332.97	5.96241	5.15457	1.54E-01	1.33E-01	1.99E-01	1.72E-01	2.37E-01	2.05E-01
3008	387569.61, 3751382.97	5.79389	5.00877	1.49E-01	1.29E-01	1.94E-01	1.67E-01	2.31E-01	1.99E-01
3009	387569.61, 3751432.97	5.61935	4.85776	1.45E-01	1.25E-01	1.88E-01	1.62E-01	2.24E-01	1.93E-01
3010	387569.61, 3751482.97	5.50768	4.70079	1.42E-01	1.21E-01	1.84E-01	1.57E-01	2.19E-01	1.87E-01
3011	387569.61, 3751532.97	5.39778	4.55096	1.39E-01	1.17E-01	1.80E-01	1.52E-01	2.15E-01	1.81E-01
3012	387569.61, 3751582.97	5.28488	4.45898	1.36E-01	1.15E-01	1.77E-01	1.49E-01	2.10E-01	1.78E-01
3013	387569.61, 3751632.97	5.16895	4.36478	1.33E-01	1.12E-01	1.73E-01	1.46E-01	2.06E-01	1.74E-01
3014	387569.61, 3751682.97	5.05067	4.26805	1.30E-01	1.10E-01	1.69E-01	1.43E-01	2.01E-01	1.70E-01
3015	387569.61, 3751732.97	4.9331	4.16722	1.27E-01	1.07E-01	1.65E-01	1.39E-01	1.96E-01	1.66E-01
3016	387569.61, 3751782.97	4.81285	4.05835	1.24E-01	1.05E-01	1.61E-01	1.36E-01	1.92E-01	1.62E-01
3017	387569.61, 3751832.97	4.69096	3.93128	1.21E-01	1.01E-01	1.57E-01	1.31E-01	1.87E-01	1.57E-01
3018	387619.61, 3750082.97	8.38097	7.25013	2.16E-01	1.87E-01	2.80E-01	2.42E-01	3.34E-01	2.89E-01
3019	387619.61, 3750132.97	8.25228	7.13836	2.13E-01	1.84E-01	2.76E-01	2.39E-01	3.29E-01	2.84E-01

3020	387619.61, 3750182.97	8.12571	7.0283	2.09E-01	1.81E-01	2.72E-01	2.35E-01	3.24E-01	2.80E-01
3021	387619.61, 3750232.97	7.99994	6.91918	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.19E-01	2.76E-01
3022	387619.61, 3750282.97	7.87585	6.81146	2.03E-01	1.75E-01	2.63E-01	2.28E-01	3.14E-01	2.71E-01
3023	387619.61, 3750332.97	7.75167	6.70415	2.00E-01	1.73E-01	2.59E-01	2.24E-01	3.09E-01	2.67E-01
3024	387619.61, 3750382.97	7.63019	6.59874	1.96E-01	1.70E-01	2.55E-01	2.21E-01	3.04E-01	2.63E-01
3025	387619.61, 3750432.97	7.51036	6.4946	1.93E-01	1.67E-01	2.51E-01	2.17E-01	2.99E-01	2.59E-01
3026	387619.61, 3750482.97	7.39121	6.39118	1.90E-01	1.65E-01	2.47E-01	2.14E-01	2.94E-01	2.55E-01
3027	387619.61, 3750532.97	7.27234	6.28817	1.87E-01	1.62E-01	2.43E-01	2.10E-01	2.90E-01	2.50E-01
3028	387619.61, 3750582.97	7.15424	6.18582	1.84E-01	1.59E-01	2.39E-01	2.07E-01	2.85E-01	2.46E-01
3029	387619.61, 3750632.97	7.03622	6.08368	1.81E-01	1.57E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
3030	387619.61, 3750682.97	6.91889	5.98203	1.78E-01	1.54E-01	2.31E-01	2.00E-01	2.76E-01	2.38E-01
3031	387619.61, 3750732.97	6.80126	5.88026	1.75E-01	1.51E-01	2.27E-01	1.97E-01	2.71E-01	2.34E-01
3032	387619.61, 3750782.97	6.68375	5.77852	1.72E-01	1.49E-01	2.23E-01	1.93E-01	2.66E-01	2.30E-01
3033	387619.61, 3750832.97	6.56608	5.67659	1.69E-01	1.46E-01	2.19E-01	1.90E-01	2.61E-01	2.26E-01
3034	387619.61, 3750882.97	6.44792	5.57421	1.66E-01	1.44E-01	2.16E-01	1.86E-01	2.57E-01	2.22E-01
3035	387619.61, 3750932.97	6.32843	5.47082	1.63E-01	1.41E-01	2.12E-01	1.83E-01	2.52E-01	2.18E-01
3036	387619.61, 3750982.97	6.20793	5.3665	1.60E-01	1.38E-01	2.08E-01	1.79E-01	2.47E-01	2.14E-01
3037	387619.61, 3751032.97	6.08585	5.26082	1.57E-01	1.35E-01	2.03E-01	1.76E-01	2.42E-01	2.09E-01
3038	387619.61, 3751082.97	5.96192	5.15355	1.54E-01	1.33E-01	1.99E-01	1.72E-01	2.37E-01	2.05E-01
3039	387619.61, 3751132.97	5.83538	5.04411	1.50E-01	1.30E-01	1.95E-01	1.69E-01	2.32E-01	2.01E-01
3040	387619.61, 3751182.97	5.70645	4.93251	1.47E-01	1.27E-01	1.91E-01	1.65E-01	2.27E-01	1.96E-01
3041	387619.61, 3751232.97	5.57426	4.81811	1.44E-01	1.24E-01	1.86E-01	1.61E-01	2.22E-01	1.92E-01
3042	387619.61, 3751282.97	5.43844	4.70054	1.40E-01	1.21E-01	1.82E-01	1.57E-01	2.17E-01	1.87E-01
3043	387619.61, 3751332.97	5.29803	4.57913	1.36E-01	1.18E-01	1.77E-01	1.53E-01	2.11E-01	1.82E-01
3044	387619.61, 3751382.97	5.20448	4.45358	1.34E-01	1.15E-01	1.74E-01	1.49E-01	2.07E-01	1.77E-01
3045	387619.61, 3751432.97	5.11529	4.32338	1.32E-01	1.11E-01	1.71E-01	1.45E-01	2.04E-01	1.72E-01
3046	387619.61, 3751482.97	5.02392	4.23377	1.29E-01	1.09E-01	1.68E-01	1.42E-01	2.00E-01	1.69E-01
3047	387619.61, 3751532.97	4.93055	4.1575	1.27E-01	1.07E-01	1.65E-01	1.39E-01	1.96E-01	1.66E-01
3048	387619.61, 3751582.97	4.83449	4.07933	1.24E-01	1.05E-01	1.62E-01	1.36E-01	1.93E-01	1.62E-01
3049	387619.61, 3751632.97	4.73622	3.99918	1.22E-01	1.03E-01	1.58E-01	1.34E-01	1.89E-01	1.59E-01
3050	387619.61, 3751682.97	4.63855	3.91659	1.19E-01	1.01E-01	1.55E-01	1.31E-01	1.85E-01	1.56E-01
3051	387619.61, 3751732.97	4.5388	3.83022	1.17E-01	9.86E-02	1.52E-01	1.28E-01	1.81E-01	1.53E-01
3052	387619.61, 3751782.97	4.43789	3.73672	1.14E-01	9.62E-02	1.48E-01	1.25E-01	1.77E-01	1.49E-01
3053	387619.61, 3751832.97	4.33569	3.62637	1.12E-01	9.34E-02	1.45E-01	1.21E-01	1.73E-01	1.44E-01
3054	387669.61, 3749682.97	7.98568	6.9085	2.06E-01	1.78E-01	2.67E-01	2.31E-01	3.18E-01	2.75E-01
3055	387669.61, 3749732.97	7.9019	6.83537	2.03E-01	1.76E-01	2.64E-01	2.28E-01	3.15E-01	2.72E-01

3056	387669.61, 3749782.97	7.81523	6.75983	2.01E-01	1.74E-01	2.61E-01	2.26E-01	3.11E-01	2.69E-01
3057	387669.61, 3749832.97	7.72617	6.68237	1.99E-01	1.72E-01	2.58E-01	2.23E-01	3.08E-01	2.66E-01
3058	387669.61, 3749882.97	7.63568	6.60369	1.97E-01	1.70E-01	2.55E-01	2.21E-01	3.04E-01	2.63E-01
3059	387669.61, 3749932.97	7.54403	6.52407	1.94E-01	1.68E-01	2.52E-01	2.18E-01	3.00E-01	2.60E-01
3060	387669.61, 3749982.97	7.45159	6.4438	1.92E-01	1.66E-01	2.49E-01	2.15E-01	2.97E-01	2.57E-01
3061	387669.61, 3750032.97	7.35865	6.36312	1.89E-01	1.64E-01	2.46E-01	2.13E-01	2.93E-01	2.53E-01
3062	387669.61, 3750082.97	7.26537	6.28218	1.87E-01	1.62E-01	2.43E-01	2.10E-01	2.89E-01	2.50E-01
3063	387669.61, 3750132.97	7.17189	6.20109	1.85E-01	1.60E-01	2.40E-01	2.07E-01	2.86E-01	2.47E-01
3064	387669.61, 3750182.97	7.07816	6.11984	1.82E-01	1.58E-01	2.37E-01	2.05E-01	2.82E-01	2.44E-01
3065	387669.61, 3750232.97	6.98385	6.03828	1.80E-01	1.55E-01	2.33E-01	2.02E-01	2.78E-01	2.40E-01
3066	387669.61, 3750282.97	6.89007	5.95702	1.77E-01	1.53E-01	2.30E-01	1.99E-01	2.74E-01	2.37E-01
3067	387669.61, 3750332.97	6.79644	5.87586	1.75E-01	1.51E-01	2.27E-01	1.96E-01	2.71E-01	2.34E-01
3068	387669.61, 3750382.97	6.70278	5.79468	1.73E-01	1.49E-01	2.24E-01	1.94E-01	2.67E-01	2.31E-01
3069	387669.61, 3750432.97	6.60926	5.71356	1.70E-01	1.47E-01	2.21E-01	1.91E-01	2.63E-01	2.28E-01
3070	387669.61, 3750482.97	6.5156	5.63234	1.68E-01	1.45E-01	2.18E-01	1.88E-01	2.59E-01	2.24E-01
3071	387669.61, 3750532.97	6.42128	5.5507	1.65E-01	1.43E-01	2.15E-01	1.86E-01	2.56E-01	2.21E-01
3072	387669.61, 3750582.97	6.32693	5.46896	1.63E-01	1.41E-01	2.11E-01	1.83E-01	2.52E-01	2.18E-01
3073	387669.61, 3750632.97	6.23197	5.38677	1.60E-01	1.39E-01	2.08E-01	1.80E-01	2.48E-01	2.15E-01
3074	387669.61, 3750682.97	6.13644	5.3041	1.58E-01	1.37E-01	2.05E-01	1.77E-01	2.44E-01	2.11E-01
3075	387669.61, 3750732.97	6.04029	5.22089	1.56E-01	1.34E-01	2.02E-01	1.75E-01	2.41E-01	2.08E-01
3076	387669.61, 3750782.97	5.94342	5.13703	1.53E-01	1.32E-01	1.99E-01	1.72E-01	2.37E-01	2.05E-01
3077	387669.61, 3750832.97	5.84543	5.05225	1.51E-01	1.30E-01	1.95E-01	1.69E-01	2.33E-01	2.01E-01
3078	387669.61, 3750882.97	5.74634	4.96649	1.48E-01	1.28E-01	1.92E-01	1.66E-01	2.29E-01	1.98E-01
3079	387669.61, 3750932.97	5.64574	4.87947	1.45E-01	1.26E-01	1.89E-01	1.63E-01	2.25E-01	1.94E-01
3080	387669.61, 3750982.97	5.5436	4.79109	1.43E-01	1.23E-01	1.85E-01	1.60E-01	2.21E-01	1.91E-01
3081	387669.61, 3751032.97	5.4395	4.70104	1.40E-01	1.21E-01	1.82E-01	1.57E-01	2.17E-01	1.87E-01
3082	387669.61, 3751082.97	5.33326	4.60913	1.37E-01	1.19E-01	1.78E-01	1.54E-01	2.12E-01	1.84E-01
3083	387669.61, 3751132.97	5.22444	4.51502	1.35E-01	1.16E-01	1.75E-01	1.51E-01	2.08E-01	1.80E-01
3084	387669.61, 3751182.97	5.11287	4.41851	1.32E-01	1.14E-01	1.71E-01	1.48E-01	2.04E-01	1.76E-01
3085	387669.61, 3751232.97	5.00422	4.3193	1.29E-01	1.11E-01	1.67E-01	1.44E-01	1.99E-01	1.72E-01
3086	387669.61, 3751282.97	4.93151	4.21701	1.27E-01	1.09E-01	1.65E-01	1.41E-01	1.96E-01	1.68E-01
3087	387669.61, 3751332.97	4.85661	4.1112	1.25E-01	1.06E-01	1.62E-01	1.37E-01	1.93E-01	1.64E-01
3088	387669.61, 3751382.97	4.78049	4.02505	1.23E-01	1.04E-01	1.60E-01	1.35E-01	1.90E-01	1.60E-01
3089	387669.61, 3751432.97	4.70315	3.96204	1.21E-01	1.02E-01	1.57E-01	1.32E-01	1.87E-01	1.58E-01
3090	387669.61, 3751482.97	4.62428	3.8977	1.19E-01	1.00E-01	1.55E-01	1.30E-01	1.84E-01	1.55E-01
3091	387669.61, 3751532.97	4.54355	3.83192	1.17E-01	9.87E-02	1.52E-01	1.28E-01	1.81E-01	1.53E-01

3092	387669.61, 3751582.97	4.46112	3.76437	1.15E-01	9.69E-02	1.49E-01	1.26E-01	1.78E-01	1.50E-01
3093	387669.61, 3751632.97	4.37914	3.6954	1.13E-01	9.52E-02	1.46E-01	1.24E-01	1.74E-01	1.47E-01
3094	387669.61, 3751682.97	4.29529	3.6242	1.11E-01	9.33E-02	1.44E-01	1.21E-01	1.71E-01	1.44E-01
3095	387669.61, 3751732.97	4.21011	3.54956	1.08E-01	9.14E-02	1.41E-01	1.19E-01	1.68E-01	1.41E-01
3096	387669.61, 3751782.97	4.12358	3.46746	1.06E-01	8.93E-02	1.38E-01	1.16E-01	1.64E-01	1.38E-01
3097	387719.61, 3749332.97	7.01938	6.07223	1.81E-01	1.56E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
3098	387719.61, 3749382.97	7.04153	6.09096	1.81E-01	1.57E-01	2.35E-01	2.04E-01	2.80E-01	2.43E-01
3099	387719.61, 3749432.97	7.04492	6.09348	1.81E-01	1.57E-01	2.35E-01	2.04E-01	2.81E-01	2.43E-01
3100	387719.61, 3749482.97	7.03339	6.08314	1.81E-01	1.57E-01	2.35E-01	2.03E-01	2.80E-01	2.42E-01
3101	387719.61, 3749532.97	7.01002	6.0626	1.81E-01	1.56E-01	2.34E-01	2.03E-01	2.79E-01	2.41E-01
3102	387719.61, 3749582.97	6.97718	6.03391	1.80E-01	1.55E-01	2.33E-01	2.02E-01	2.78E-01	2.40E-01
3103	387719.61, 3749632.97	6.93682	5.99871	1.79E-01	1.54E-01	2.32E-01	2.01E-01	2.76E-01	2.39E-01
3104	387719.61, 3749682.97	6.89053	5.95835	1.77E-01	1.53E-01	2.30E-01	1.99E-01	2.74E-01	2.37E-01
3105	387719.61, 3749732.97	6.83911	5.91362	1.76E-01	1.52E-01	2.29E-01	1.98E-01	2.72E-01	2.35E-01
3106	387719.61, 3749782.97	6.78363	5.8654	1.75E-01	1.51E-01	2.27E-01	1.96E-01	2.70E-01	2.34E-01
3107	387719.61, 3749832.97	6.72494	5.81438	1.73E-01	1.50E-01	2.25E-01	1.94E-01	2.68E-01	2.32E-01
3108	387719.61, 3749882.97	6.66348	5.76099	1.72E-01	1.48E-01	2.23E-01	1.93E-01	2.65E-01	2.29E-01
3109	387719.61, 3749932.97	6.59955	5.70553	1.70E-01	1.47E-01	2.21E-01	1.91E-01	2.63E-01	2.27E-01
3110	387719.61, 3749982.97	6.53371	5.64845	1.68E-01	1.45E-01	2.18E-01	1.89E-01	2.60E-01	2.25E-01
3111	387719.61, 3750032.97	6.46659	5.59017	1.67E-01	1.44E-01	2.16E-01	1.87E-01	2.58E-01	2.23E-01
3112	387719.61, 3750082.97	6.39788	5.5306	1.65E-01	1.42E-01	2.14E-01	1.85E-01	2.55E-01	2.20E-01
3113	387719.61, 3750132.97	6.32798	5.47002	1.63E-01	1.41E-01	2.12E-01	1.83E-01	2.52E-01	2.18E-01
3114	387719.61, 3750182.97	6.25708	5.40857	1.61E-01	1.39E-01	2.09E-01	1.81E-01	2.49E-01	2.15E-01
3115	387719.61, 3750232.97	6.18523	5.34632	1.59E-01	1.38E-01	2.07E-01	1.79E-01	2.46E-01	2.13E-01
3116	387719.61, 3750282.97	6.11256	5.28336	1.57E-01	1.36E-01	2.04E-01	1.77E-01	2.43E-01	2.10E-01
3117	387719.61, 3750332.97	6.03905	5.2197	1.56E-01	1.34E-01	2.02E-01	1.74E-01	2.40E-01	2.08E-01
3118	387719.61, 3750382.97	5.9648	5.1554	1.54E-01	1.33E-01	1.99E-01	1.72E-01	2.38E-01	2.05E-01
3119	387719.61, 3750432.97	5.88992	5.09052	1.52E-01	1.31E-01	1.97E-01	1.70E-01	2.35E-01	2.03E-01
3120	387719.61, 3750482.97	5.81429	5.02498	1.50E-01	1.29E-01	1.94E-01	1.68E-01	2.32E-01	2.00E-01
3121	387719.61, 3750532.97	5.7375	4.95856	1.48E-01	1.28E-01	1.92E-01	1.66E-01	2.28E-01	1.97E-01
3122	387719.61, 3750582.97	5.66006	4.89151	1.46E-01	1.26E-01	1.89E-01	1.64E-01	2.25E-01	1.95E-01
3123	387719.61, 3750632.97	5.58166	4.82365	1.44E-01	1.24E-01	1.87E-01	1.61E-01	2.22E-01	1.92E-01
3124	387719.61, 3750682.97	5.50214	4.75487	1.42E-01	1.22E-01	1.84E-01	1.59E-01	2.19E-01	1.89E-01
3125	387719.61, 3750732.97	5.42143	4.68508	1.40E-01	1.21E-01	1.81E-01	1.57E-01	2.16E-01	1.87E-01
3126	387719.61, 3750782.97	5.3397	4.61436	1.38E-01	1.19E-01	1.78E-01	1.54E-01	2.13E-01	1.84E-01
3127	387719.61, 3750832.97	5.25662	4.54246	1.35E-01	1.17E-01	1.76E-01	1.52E-01	2.09E-01	1.81E-01

3128	387719.61, 3750882.97	5.17194	4.46922	1.33E-01	1.15E-01	1.73E-01	1.49E-01	2.06E-01	1.78E-01
3129	387719.61, 3750932.97	5.08546	4.39447	1.31E-01	1.13E-01	1.70E-01	1.47E-01	2.03E-01	1.75E-01
3130	387719.61, 3750982.97	4.99726	4.31819	1.29E-01	1.11E-01	1.67E-01	1.44E-01	1.99E-01	1.72E-01
3131	387719.61, 3751032.97	4.90705	4.24017	1.26E-01	1.09E-01	1.64E-01	1.42E-01	1.95E-01	1.69E-01
3132	387719.61, 3751082.97	4.81458	4.16019	1.24E-01	1.07E-01	1.61E-01	1.39E-01	1.92E-01	1.66E-01
3133	387719.61, 3751132.97	4.74399	4.07801	1.22E-01	1.05E-01	1.59E-01	1.36E-01	1.89E-01	1.62E-01
3134	387719.61, 3751182.97	4.68205	3.99345	1.21E-01	1.03E-01	1.57E-01	1.33E-01	1.86E-01	1.59E-01
3135	387719.61, 3751232.97	4.61928	3.90627	1.19E-01	1.01E-01	1.54E-01	1.31E-01	1.84E-01	1.56E-01
3136	387719.61, 3751282.97	4.55595	3.83292	1.17E-01	9.87E-02	1.52E-01	1.28E-01	1.81E-01	1.53E-01
3137	387719.61, 3751332.97	4.49089	3.78	1.16E-01	9.73E-02	1.50E-01	1.26E-01	1.79E-01	1.51E-01
3138	387769.61, 3748982.97	5.19736	4.19981	1.34E-01	1.08E-01	1.74E-01	1.40E-01	2.07E-01	1.67E-01
3139	387769.61, 3749032.97	5.68397	4.45133	1.46E-01	1.15E-01	1.90E-01	1.49E-01	2.26E-01	1.77E-01
3140	387769.61, 3749082.97	5.8885	4.66265	1.52E-01	1.20E-01	1.97E-01	1.56E-01	2.34E-01	1.86E-01
3141	387769.61, 3749132.97	5.96037	4.85658	1.53E-01	1.25E-01	1.99E-01	1.62E-01	2.37E-01	1.93E-01
3142	387769.61, 3749182.97	6.0079	5.03777	1.55E-01	1.30E-01	2.01E-01	1.68E-01	2.39E-01	2.01E-01
3143	387769.61, 3749232.97	6.02977	5.11334	1.55E-01	1.32E-01	2.02E-01	1.71E-01	2.40E-01	2.04E-01
3144	387769.61, 3749282.97	6.06104	5.14777	1.56E-01	1.33E-01	2.03E-01	1.72E-01	2.41E-01	2.05E-01
3145	387769.61, 3749332.97	6.05875	5.20198	1.56E-01	1.34E-01	2.03E-01	1.74E-01	2.41E-01	2.07E-01
3146	387769.61, 3749382.97	6.05804	5.23813	1.56E-01	1.35E-01	2.02E-01	1.75E-01	2.41E-01	2.09E-01
3147	387769.61, 3749432.97	6.08312	5.25956	1.57E-01	1.35E-01	2.03E-01	1.76E-01	2.42E-01	2.09E-01
3148	387769.61, 3749482.97	6.0941	5.26884	1.57E-01	1.36E-01	2.04E-01	1.76E-01	2.43E-01	2.10E-01
3149	387769.61, 3749532.97	6.09362	5.26821	1.57E-01	1.36E-01	2.04E-01	1.76E-01	2.43E-01	2.10E-01
3150	387769.61, 3749582.97	6.08356	5.25934	1.57E-01	1.35E-01	2.03E-01	1.76E-01	2.42E-01	2.09E-01
3151	387769.61, 3749632.97	6.0657	5.2437	1.56E-01	1.35E-01	2.03E-01	1.75E-01	2.42E-01	2.09E-01
3152	387769.61, 3749682.97	6.04129	5.2224	1.56E-01	1.34E-01	2.02E-01	1.75E-01	2.41E-01	2.08E-01
3153	387769.61, 3749732.97	6.01133	5.19633	1.55E-01	1.34E-01	2.01E-01	1.74E-01	2.39E-01	2.07E-01
3154	387769.61, 3749782.97	5.97673	5.16626	1.54E-01	1.33E-01	2.00E-01	1.73E-01	2.38E-01	2.06E-01
3155	387769.61, 3749832.97	5.93841	5.1329	1.53E-01	1.32E-01	1.98E-01	1.72E-01	2.36E-01	2.04E-01
3156	387769.61, 3749882.97	5.89646	5.0965	1.52E-01	1.31E-01	1.97E-01	1.70E-01	2.35E-01	2.03E-01
3157	387769.61, 3749932.97	5.85165	5.05761	1.51E-01	1.30E-01	1.96E-01	1.69E-01	2.33E-01	2.01E-01
3158	387769.61, 3749982.97	5.80425	5.01653	1.49E-01	1.29E-01	1.94E-01	1.68E-01	2.31E-01	2.00E-01
3159	387769.61, 3750032.97	5.7547	4.97356	1.48E-01	1.28E-01	1.92E-01	1.66E-01	2.29E-01	1.98E-01
3160	387769.61, 3750082.97	5.70311	4.92888	1.47E-01	1.27E-01	1.91E-01	1.65E-01	2.27E-01	1.96E-01
3161	387769.61, 3750132.97	5.64978	4.8827	1.45E-01	1.26E-01	1.89E-01	1.63E-01	2.25E-01	1.94E-01
3162	387769.61, 3750182.97	5.59498	4.83523	1.44E-01	1.25E-01	1.87E-01	1.62E-01	2.23E-01	1.93E-01
3163	387769.61, 3750232.97	5.53872	4.7865	1.43E-01	1.23E-01	1.85E-01	1.60E-01	2.21E-01	1.91E-01

3164	387769.61, 3750282.97	5.48113	4.73663	1.41E-01	1.22E-01	1.83E-01	1.58E-01	2.18E-01	1.89E-01
3165	387769.61, 3750332.97	5.42227	4.68566	1.40E-01	1.21E-01	1.81E-01	1.57E-01	2.16E-01	1.87E-01
3166	387769.61, 3750382.97	5.36214	4.63363	1.38E-01	1.19E-01	1.79E-01	1.55E-01	2.14E-01	1.85E-01
3167	387769.61, 3750432.97	5.30098	4.58066	1.37E-01	1.18E-01	1.77E-01	1.53E-01	2.11E-01	1.82E-01
3168	387769.61, 3750482.97	5.23853	4.52661	1.35E-01	1.17E-01	1.75E-01	1.51E-01	2.09E-01	1.80E-01
3169	387769.61, 3750532.97	5.17471	4.47145	1.33E-01	1.15E-01	1.73E-01	1.49E-01	2.06E-01	1.78E-01
3170	387769.61, 3750582.97	5.10997	4.41541	1.32E-01	1.14E-01	1.71E-01	1.48E-01	2.03E-01	1.76E-01
3171	387769.61, 3750632.97	5.04397	4.35829	1.30E-01	1.12E-01	1.69E-01	1.46E-01	2.01E-01	1.74E-01
3172	387769.61, 3750682.97	4.97662	4.30002	1.28E-01	1.11E-01	1.66E-01	1.44E-01	1.98E-01	1.71E-01
3173	387769.61, 3750732.97	4.90778	4.2405	1.26E-01	1.09E-01	1.64E-01	1.42E-01	1.95E-01	1.69E-01
3174	387769.61, 3750782.97	4.83754	4.17977	1.25E-01	1.08E-01	1.62E-01	1.40E-01	1.93E-01	1.66E-01
3175	387769.61, 3750832.97	4.76581	4.11773	1.23E-01	1.06E-01	1.59E-01	1.38E-01	1.90E-01	1.64E-01
3176	387769.61, 3750882.97	4.69245	4.05427	1.21E-01	1.04E-01	1.57E-01	1.36E-01	1.87E-01	1.61E-01
3177	387819.61, 3748982.97	4.53903	3.65077	1.17E-01	9.40E-02	1.52E-01	1.22E-01	1.81E-01	1.45E-01
3178	387819.61, 3749032.97	4.99966	3.85172	1.29E-01	9.92E-02	1.67E-01	1.29E-01	1.99E-01	1.53E-01
3179	387819.61, 3749082.97	5.2241	4.0269	1.35E-01	1.04E-01	1.75E-01	1.35E-01	2.08E-01	1.60E-01
3180	387819.61, 3749132.97	5.31629	4.17554	1.37E-01	1.08E-01	1.78E-01	1.40E-01	2.12E-01	1.66E-01
3181	387819.61, 3749182.97	5.35523	4.40913	1.38E-01	1.14E-01	1.79E-01	1.47E-01	2.13E-01	1.76E-01
3182	387819.61, 3749232.97	5.39092	4.52944	1.39E-01	1.17E-01	1.80E-01	1.51E-01	2.15E-01	1.80E-01
3183	387819.61, 3749282.97	5.41164	4.58248	1.39E-01	1.18E-01	1.81E-01	1.53E-01	2.15E-01	1.82E-01
3184	387819.61, 3749332.97	5.43466	4.59836	1.40E-01	1.18E-01	1.82E-01	1.54E-01	2.16E-01	1.83E-01
3185	387819.61, 3749382.97	5.43484	4.5964	1.40E-01	1.18E-01	1.82E-01	1.54E-01	2.16E-01	1.83E-01
3186	387819.61, 3749432.97	5.42259	4.61075	1.40E-01	1.19E-01	1.81E-01	1.54E-01	2.16E-01	1.84E-01
3187	387819.61, 3749482.97	5.40903	4.63142	1.39E-01	1.19E-01	1.81E-01	1.55E-01	2.15E-01	1.84E-01
3188	387819.61, 3749532.97	5.39222	4.64286	1.39E-01	1.20E-01	1.80E-01	1.55E-01	2.15E-01	1.85E-01
3189	387819.61, 3749582.97	5.37607	4.64649	1.38E-01	1.20E-01	1.80E-01	1.55E-01	2.14E-01	1.85E-01
3190	387819.61, 3749632.97	5.37278	4.6435	1.38E-01	1.20E-01	1.80E-01	1.55E-01	2.14E-01	1.85E-01
3191	387819.61, 3749682.97	5.36295	4.63486	1.38E-01	1.19E-01	1.79E-01	1.55E-01	2.14E-01	1.85E-01
3192	387819.61, 3749732.97	5.34743	4.62133	1.38E-01	1.19E-01	1.79E-01	1.54E-01	2.13E-01	1.84E-01
3193	387819.61, 3749782.97	5.32705	4.6036	1.37E-01	1.19E-01	1.78E-01	1.54E-01	2.12E-01	1.83E-01
3194	387819.61, 3749832.97	5.30253	4.58229	1.37E-01	1.18E-01	1.77E-01	1.53E-01	2.11E-01	1.82E-01
3195	387819.61, 3749882.97	5.27425	4.55776	1.36E-01	1.17E-01	1.76E-01	1.52E-01	2.10E-01	1.81E-01
3196	387819.61, 3749932.97	5.24279	4.53048	1.35E-01	1.17E-01	1.75E-01	1.51E-01	2.09E-01	1.80E-01
3197	387819.61, 3749982.97	5.20847	4.50075	1.34E-01	1.16E-01	1.74E-01	1.50E-01	2.07E-01	1.79E-01
3198	387819.61, 3750032.97	5.17169	4.46887	1.33E-01	1.15E-01	1.73E-01	1.49E-01	2.06E-01	1.78E-01
3199	387819.61, 3750082.97	5.1325	4.43495	1.32E-01	1.14E-01	1.72E-01	1.48E-01	2.04E-01	1.77E-01

3200	387819.61, 3750132.97	5.09127	4.39927	1.31E-01	1.13E-01	1.70E-01	1.47E-01	2.03E-01	1.75E-01
3201	387819.61, 3750182.97	5.04826	4.36202	1.30E-01	1.12E-01	1.69E-01	1.46E-01	2.01E-01	1.74E-01
3202	387819.61, 3750232.97	5.00349	4.32327	1.29E-01	1.11E-01	1.67E-01	1.45E-01	1.99E-01	1.72E-01
3203	387819.61, 3750282.97	4.95704	4.28308	1.28E-01	1.10E-01	1.66E-01	1.43E-01	1.97E-01	1.71E-01
3204	387819.61, 3750332.97	4.9091	4.24159	1.26E-01	1.09E-01	1.64E-01	1.42E-01	1.95E-01	1.69E-01
3205	387819.61, 3750382.97	4.85964	4.1988	1.25E-01	1.08E-01	1.62E-01	1.40E-01	1.94E-01	1.67E-01
3206	387819.61, 3750432.97	4.80889	4.15486	1.24E-01	1.07E-01	1.61E-01	1.39E-01	1.91E-01	1.65E-01
3207	387869.61, 3748982.97	4.02905	3.23159	1.04E-01	8.32E-02	1.35E-01	1.08E-01	1.60E-01	1.29E-01
3208	387869.61, 3749032.97	4.45479	3.39526	1.15E-01	8.74E-02	1.49E-01	1.13E-01	1.77E-01	1.35E-01
3209	387869.61, 3749082.97	4.68916	3.54188	1.21E-01	9.12E-02	1.57E-01	1.18E-01	1.87E-01	1.41E-01
3210	387869.61, 3749132.97	4.8001	3.67006	1.24E-01	9.45E-02	1.60E-01	1.23E-01	1.91E-01	1.46E-01
3211	387869.61, 3749182.97	4.85267	3.88556	1.25E-01	1.00E-01	1.62E-01	1.30E-01	1.93E-01	1.55E-01
3212	387869.61, 3749232.97	4.88126	4.04262	1.26E-01	1.04E-01	1.63E-01	1.35E-01	1.94E-01	1.61E-01
3213	387869.61, 3749282.97	4.90187	4.12574	1.26E-01	1.06E-01	1.64E-01	1.38E-01	1.95E-01	1.64E-01
3214	387869.61, 3749332.97	4.9201	4.16176	1.27E-01	1.07E-01	1.64E-01	1.39E-01	1.96E-01	1.66E-01
3215	387869.61, 3749382.97	4.9392	4.17572	1.27E-01	1.08E-01	1.65E-01	1.40E-01	1.97E-01	1.66E-01
3216	387869.61, 3749432.97	4.9395	4.17457	1.27E-01	1.07E-01	1.65E-01	1.40E-01	1.97E-01	1.66E-01
3217	387869.61, 3749482.97	4.9309	4.16595	1.27E-01	1.07E-01	1.65E-01	1.39E-01	1.96E-01	1.66E-01
3218	387869.61, 3749532.97	4.91798	4.15223	1.27E-01	1.07E-01	1.64E-01	1.39E-01	1.96E-01	1.65E-01
3219	387869.61, 3749582.97	4.90716	4.14932	1.26E-01	1.07E-01	1.64E-01	1.39E-01	1.95E-01	1.65E-01
3220	387869.61, 3749632.97	4.88983	4.15457	1.26E-01	1.07E-01	1.63E-01	1.39E-01	1.95E-01	1.65E-01
3221	387869.61, 3749682.97	4.86821	4.15435	1.25E-01	1.07E-01	1.63E-01	1.39E-01	1.94E-01	1.65E-01
3222	387869.61, 3749732.97	4.84378	4.14938	1.25E-01	1.07E-01	1.62E-01	1.39E-01	1.93E-01	1.65E-01
3223	387869.61, 3749782.97	4.81729	4.14026	1.24E-01	1.07E-01	1.61E-01	1.38E-01	1.92E-01	1.65E-01
3224	387869.61, 3749832.97	4.78986	4.12755	1.23E-01	1.06E-01	1.60E-01	1.38E-01	1.91E-01	1.64E-01
3225	387869.61, 3749882.97	4.7602	4.11151	1.23E-01	1.06E-01	1.59E-01	1.37E-01	1.90E-01	1.64E-01
3226	387869.61, 3749932.97	4.73683	4.09267	1.22E-01	1.05E-01	1.58E-01	1.37E-01	1.89E-01	1.63E-01
3227	387869.61, 3749982.97	4.71211	4.07125	1.21E-01	1.05E-01	1.58E-01	1.36E-01	1.88E-01	1.62E-01
3228	387869.61, 3750032.97	4.68479	4.04755	1.21E-01	1.04E-01	1.57E-01	1.35E-01	1.87E-01	1.61E-01
3229	387919.61, 3748982.97	3.62784	2.90034	9.34E-02	7.47E-02	1.21E-01	9.69E-02	1.44E-01	1.15E-01
3230	387919.61, 3749032.97	4.02088	3.03623	1.04E-01	7.82E-02	1.34E-01	1.01E-01	1.60E-01	1.21E-01
3231	387919.61, 3749082.97	4.25628	3.16015	1.10E-01	8.14E-02	1.42E-01	1.06E-01	1.69E-01	1.26E-01
3232	387919.61, 3749132.97	4.37883	3.28718	1.13E-01	8.46E-02	1.46E-01	1.10E-01	1.74E-01	1.31E-01
3233	387919.61, 3749182.97	4.43831	3.43931	1.14E-01	8.86E-02	1.48E-01	1.15E-01	1.77E-01	1.37E-01
3234	387919.61, 3749232.97	4.46621	3.62509	1.15E-01	9.33E-02	1.49E-01	1.21E-01	1.78E-01	1.44E-01
3235	387919.61, 3749282.97	4.48968	3.73542	1.16E-01	9.62E-02	1.50E-01	1.25E-01	1.79E-01	1.49E-01

3236	387919.61, 3749332.97	4.50189	3.79504	1.16E-01	9.77E-02	1.50E-01	1.27E-01	1.79E-01	1.51E-01
3237	387919.61, 3749382.97	4.52299	3.823	1.16E-01	9.84E-02	1.51E-01	1.28E-01	1.80E-01	1.52E-01
3238	387919.61, 3749432.97	4.53596	3.83256	1.17E-01	9.87E-02	1.52E-01	1.28E-01	1.81E-01	1.53E-01
3239	387919.61, 3749482.97	4.53639	3.83201	1.17E-01	9.87E-02	1.52E-01	1.28E-01	1.81E-01	1.53E-01
3240	387919.61, 3749532.97	4.52909	3.8249	1.17E-01	9.85E-02	1.51E-01	1.28E-01	1.80E-01	1.52E-01
3241	387919.61, 3749582.97	4.51763	3.81415	1.16E-01	9.82E-02	1.51E-01	1.27E-01	1.80E-01	1.52E-01
3242	387969.61, 3748982.97	3.30253	2.63109	8.50E-02	6.78E-02	1.10E-01	8.79E-02	1.32E-01	1.05E-01
3243	387969.61, 3749032.97	3.66657	2.74555	9.44E-02	7.07E-02	1.23E-01	9.18E-02	1.46E-01	1.09E-01
3244	387969.61, 3749082.97	3.89833	2.8513	1.00E-01	7.34E-02	1.30E-01	9.53E-02	1.55E-01	1.14E-01
3245	387969.61, 3749132.97	4.0262	2.97279	1.04E-01	7.66E-02	1.35E-01	9.94E-02	1.60E-01	1.18E-01

					2028			2033			2048		
	PM10		Rate (g/s):		4.87E-05	4.87E-05	4.87E-05	6.76E-05	6.76E-05	6.76E-05	2.40E-04	2.40E-04	2.40E-04
	Concentration [µg/m^3] at 1 g/s												
	Period	4hr (1st	4hr (6th)		Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)
#	X, Y	Main (SLINE1)			[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	386843.93, 3751698.71	1.685	3.815	3.571	8.20E-05	1.86E-04	1.74E-04	1.14E-04	2.58E-04	2.42E-04	4.04E-04	9.14E-04	8.56E-04
2	386843.93, 3751723.71	1.656	3.83	3.508	8.06E-05	1.86E-04	1.71E-04	1.12E-04	2.59E-04	2.37E-04	3.97E-04	9.18E-04	8.41E-04
3	386843.93, 3751748.71	1.624	3.843	3.441	7.91E-05	1.87E-04	1.68E-04	1.10E-04	2.60E-04	2.33E-04	3.89E-04	9.21E-04	8.25E-04
4	386843.93, 3751773.71	1.59	3.843	3.368	7.74E-05	1.87E-04	1.64E-04	1.08E-04	2.60E-04	2.28E-04	3.81E-04	9.21E-04	8.07E-04
5	386843.93, 3751798.71	1.551	3.83	3.287	7.55E-05	1.86E-04	1.60E-04	1.05E-04	2.59E-04	2.22E-04	3.72E-04	9.18E-04	7.88E-04
6	386843.93, 3751823.71	1.521	3.808	3.25	7.40E-05	1.85E-04	1.58E-04	1.03E-04	2.58E-04	2.20E-04	3.64E-04	9.13E-04	7.79E-04
7	386843.93, 3751848.71	1.461	3.737	3.183	7.11E-05	1.82E-04	1.55E-04	9.88E-05	2.53E-04	2.15E-04	3.50E-04	8.96E-04	7.63E-04
8	386843.93, 3751873.71	1.414	3.624	3.064	6.88E-05	1.76E-04	1.49E-04	9.56E-05	2.45E-04	2.07E-04	3.39E-04	8.69E-04	7.34E-04
9	386868.93, 3751448.71	1.917	4.27	4.06	9.33E-05	2.08E-04	1.98E-04	1.30E-04	2.89E-04	2.75E-04	4.59E-04	1.02E-03	9.73E-04
10	386868.93, 3751473.71	1.92	4.257	4.058	9.35E-05	2.07E-04	1.98E-04	1.30E-04	2.88E-04	2.74E-04	4.60E-04	1.02E-03	9.73E-04
11	386868.93, 3751498.71	1.925	4.235	4.036	9.37E-05	2.06E-04	1.96E-04	1.30E-04	2.86E-04	2.73E-04	4.61E-04	1.01E-03	9.67E-04
12	386868.93, 3751523.71	1.934	4.21	4.011	9.42E-05	2.05E-04	1.95E-04	1.31E-04	2.85E-04	2.71E-04	4.64E-04	1.01E-03	9.61E-04
13	386868.93, 3751548.71	1.76	4.283	3.95	8.57E-05	2.09E-04	1.92E-04	1.19E-04	2.90E-04	2.67E-04	4.22E-04	1.03E-03	9.47E-04
14	386868.93, 3751573.71	1.817	4.21	3.93	8.85E-05	2.05E-04	1.91E-04	1.23E-04	2.85E-04	2.66E-04	4.36E-04	1.01E-03	9.42E-04
15	386868.93, 3751598.71	1.887	4.166	4.009	9.19E-05	2.03E-04	1.95E-04	1.28E-04	2.82E-04	2.71E-04	4.52E-04	9.99E-04	9.61E-04
16	386868.93, 3751623.71	1.905	4.105	3.991	9.28E-05	2.00E-04	1.94E-04	1.29E-04	2.78E-04	2.70E-04	4.57E-04	9.84E-04	9.56E-04
17	386868.93, 3751648.71	1.863	4.096	3.978	9.07E-05	1.99E-04	1.94E-04	1.26E-04	2.77E-04	2.69E-04	4.47E-04	9.82E-04	9.53E-04
18	386868.93, 3751673.71	1.844	4.082	3.933	8.98E-05	1.99E-04	1.91E-04	1.25E-04	2.76E-04	2.66E-04	4.42E-04	9.78E-04	9.43E-04
19	386868.93, 3751698.71	1.824	4.065	3.883	8.88E-05	1.98E-04	1.89E-04	1.23E-04	2.75E-04	2.63E-04	4.37E-04	9.74E-04	9.31E-04
20	386868.93, 3751723.71	1.794	4.078	3.822	8.73E-05	1.99E-04	1.86E-04	1.21E-04	2.76E-04	2.59E-04	4.30E-04	9.77E-04	9.16E-04
21	386868.93, 3751748.71	1.762	4.089	3.754	8.58E-05	1.99E-04	1.83E-04	1.19E-04	2.77E-04	2.54E-04	4.22E-04	9.80E-04	9.00E-04
22	386868.93, 3751773.71	1.741	4.106	3.684	8.47E-05	2.00E-04	1.79E-04	1.18E-04	2.78E-04	2.49E-04	4.17E-04	9.84E-04	8.83E-04
23	386868.93, 3751798.71	1.698	4.098	3.594	8.27E-05	2.00E-04	1.75E-04	1.15E-04	2.77E-04	2.43E-04	4.07E-04	9.82E-04	8.61E-04
24	386868.93, 3751823.71	1.653	4.073	3.494	8.05E-05	1.98E-04	1.70E-04	1.12E-04	2.75E-04	2.36E-04	3.96E-04	9.76E-04	8.37E-04
25	386868.93, 3751848.71	1.593	4.008	3.452	7.76E-05	1.95E-04	1.68E-04	1.08E-04	2.71E-04	2.34E-04	3.82E-04	9.61E-04	8.27E-04
26	386868.93, 3751873.71	1.533	3.889	3.315	7.47E-05	1.89E-04	1.61E-04	1.04E-04	2.63E-04	2.24E-04	3.68E-04	9.32E-04	7.94E-04
27	386893.93, 3751198.71	2.017	4.559	4.24	9.82E-05	2.22E-04	2.06E-04	1.36E-04	3.08E-04	2.87E-04	4.83E-04	1.09E-03	1.02E-03
28	386893.93, 3751223.71	2.039	4.545	4.261	9.93E-05	2.21E-04	2.07E-04	1.38E-04	3.07E-04	2.88E-04	4.89E-04	1.09E-03	1.02E-03
29	386893.93, 3751248.71	2.046	4.559	4.274	9.96E-05	2.22E-04	2.08E-04	1.38E-04	3.08E-04	2.89E-04	4.90E-04	1.09E-03	1.02E-03
30	386893.93, 3751273.71	2.049	4.584	4.299	9.98E-05	2.23E-04	2.09E-04	1.39E-04	3.10E-04	2.91E-04	4.91E-04	1.10E-03	1.03E-03
31	386893.93, 3751298.71	2.064	4.567	4.302	1.00E-04	2.22E-04	2.09E-04	1.40E-04	3.09E-04	2.91E-04	4.95E-04	1.09E-03	1.03E-03
32	386893.93, 3751323.71	2.069	4.575	4.32	1.01E-04	2.23E-04	2.10E-04	1.40E-04	3.09E-04	2.92E-04	4.96E-04	1.10E-03	1.04E-03
33	386893.93, 3751348.71	2.083	4.575	4.338	1.01E-04	2.23E-04	2.11E-04	1.41E-04	3.09E-04	2.93E-04	4.99E-04	1.10E-03	1.04E-03
34	386893.93, 3751373.71	2.094	4.571	4.354	1.02E-04	2.23E-04	2.12E-04	1.42E-04	3.09E-04	2.94E-04	5.02E-04	1.10E-03	1.04E-03
35	386893.93, 3751398.71	2.097	4.579	4.36	1.02E-04	2.23E-04	2.12E-04	1.42E-04	3.10E-04	2.95E-04	5.03E-04	1.10E-03	1.04E-03
36	386893.93, 3751423.71	2.093	4.59	4.333	1.02E-04	2.23E-04	2.11E-04	1.42E-04	3.10E-04	2.93E-04	5.02E-04	1.10E-03	1.04E-03

37	386893.93, 3751448.71	2.08	4.615	4.36	1.01E-04	2.25E-04	2.12E-04	1.41E-04	3.12E-04	2.95E-04	4.99E-04	1.11E-03	1.05E-03
38	386893.93, 3751473.71	2.083	4.611	4.369	1.01E-04	2.24E-04	2.13E-04	1.41E-04	3.12E-04	2.96E-04	4.99E-04	1.11E-03	1.05E-03
39	386893.93, 3751498.71	2.089	4.592	4.362	1.02E-04	2.24E-04	2.12E-04	1.41E-04	3.11E-04	2.95E-04	5.01E-04	1.10E-03	1.05E-03
40	386893.93, 3751523.71	2.109	4.567	4.366	1.03E-04	2.22E-04	2.13E-04	1.43E-04	3.09E-04	2.95E-04	5.05E-04	1.09E-03	1.05E-03
41	386893.93, 3751548.71	1.965	4.58	4.322	9.57E-05	2.23E-04	2.10E-04	1.33E-04	3.10E-04	2.92E-04	4.71E-04	1.10E-03	1.04E-03
42	386893.93, 3751573.71	1.968	4.559	4.308	9.58E-05	2.22E-04	2.10E-04	1.33E-04	3.08E-04	2.91E-04	4.72E-04	1.09E-03	1.03E-03
43	386893.93, 3751598.71	2.038	4.548	4.329	9.92E-05	2.21E-04	2.11E-04	1.38E-04	3.08E-04	2.93E-04	4.88E-04	1.09E-03	1.04E-03
44	386893.93, 3751623.71	2.095	4.461	4.314	1.02E-04	2.17E-04	2.10E-04	1.42E-04	3.02E-04	2.92E-04	5.02E-04	1.07E-03	1.03E-03
45	386893.93, 3751648.71	2.016	4.465	4.274	9.82E-05	2.17E-04	2.08E-04	1.36E-04	3.02E-04	2.89E-04	4.83E-04	1.07E-03	1.02E-03
46	386893.93, 3751673.71	1.994	4.405	4.293	9.71E-05	2.14E-04	2.09E-04	1.35E-04	2.98E-04	2.90E-04	4.78E-04	1.06E-03	1.03E-03
47	386893.93, 3751698.71	1.973	4.377	4.248	9.61E-05	2.13E-04	2.07E-04	1.33E-04	2.96E-04	2.87E-04	4.73E-04	1.05E-03	1.02E-03
48	386893.93, 3751723.71	1.967	4.358	4.203	9.58E-05	2.12E-04	2.05E-04	1.33E-04	2.95E-04	2.84E-04	4.71E-04	1.04E-03	1.01E-03
49	386893.93, 3751748.71	1.941	4.382	4.136	9.45E-05	2.13E-04	2.01E-04	1.31E-04	2.96E-04	2.80E-04	4.65E-04	1.05E-03	9.91E-04
50	386893.93, 3751773.71	1.898	4.386	4.03	9.24E-05	2.14E-04	1.96E-04	1.28E-04	2.97E-04	2.73E-04	4.55E-04	1.05E-03	9.66E-04
51	386893.93, 3751798.71	1.86	4.392	3.956	9.06E-05	2.14E-04	1.93E-04	1.26E-04	2.97E-04	2.68E-04	4.46E-04	1.05E-03	9.48E-04
52	386893.93, 3751823.71	1.82	4.383	3.849	8.86E-05	2.13E-04	1.87E-04	1.23E-04	2.96E-04	2.60E-04	4.36E-04	1.05E-03	9.22E-04
53	386893.93, 3751848.71	1.75	4.319	3.722	8.52E-05	2.10E-04	1.81E-04	1.18E-04	2.92E-04	2.52E-04	4.19E-04	1.04E-03	8.92E-04
54	386893.93, 3751873.71	1.687	4.207	3.619	8.21E-05	2.05E-04	1.76E-04	1.14E-04	2.85E-04	2.45E-04	4.04E-04	1.01E-03	8.67E-04
55	386918.93, 3750948.71	2.077	4.63	4.358	1.01E-04	2.25E-04	2.12E-04	1.40E-04	3.13E-04	2.95E-04	4.98E-04	1.11E-03	1.04E-03
56	386918.93, 3750973.71	2.097	4.638	4.397	1.02E-04	2.26E-04	2.14E-04	1.42E-04	3.14E-04	2.97E-04	5.03E-04	1.11E-03	1.05E-03
57	386918.93, 3750998.71	2.104	4.671	4.411	1.02E-04	2.27E-04	2.15E-04	1.42E-04	3.16E-04	2.98E-04	5.04E-04	1.12E-03	1.06E-03
58	386918.93, 3751023.71	2.117	4.692	4.435	1.03E-04	2.28E-04	2.16E-04	1.43E-04	3.17E-04	3.00E-04	5.07E-04	1.12E-03	1.06E-03
59	386918.93, 3751048.71	2.135	4.702	4.47	1.04E-04	2.29E-04	2.18E-04	1.44E-04	3.18E-04	3.02E-04	5.12E-04	1.13E-03	1.07E-03
60	386918.93, 3751073.71	2.13	4.767	4.453	1.04E-04	2.32E-04	2.17E-04	1.44E-04	3.22E-04	3.01E-04	5.11E-04	1.14E-03	1.07E-03
61	386918.93, 3751098.71	2.138	4.8	4.466	1.04E-04	2.34E-04	2.17E-04	1.45E-04	3.25E-04	3.02E-04	5.12E-04	1.15E-03	1.07E-03
62	386918.93, 3751123.71	2.148	4.825	4.483	1.05E-04	2.35E-04	2.18E-04	1.45E-04	3.26E-04	3.03E-04	5.15E-04	1.16E-03	1.07E-03
63	386918.93, 3751148.71	2.16	4.846	4.504	1.05E-04	2.36E-04	2.19E-04	1.46E-04	3.28E-04	3.05E-04	5.18E-04	1.16E-03	1.08E-03
64	386918.93, 3751173.71	2.188	4.836	4.556	1.07E-04	2.35E-04	2.22E-04	1.48E-04	3.27E-04	3.08E-04	5.24E-04	1.16E-03	1.09E-03
65	386918.93, 3751198.71	2.184	4.889	4.546	1.06E-04	2.38E-04	2.21E-04	1.48E-04	3.31E-04	3.08E-04	5.23E-04	1.17E-03	1.09E-03
66	386918.93, 3751223.71	2.207	4.882	4.59	1.07E-04	2.38E-04	2.23E-04	1.49E-04	3.30E-04	3.10E-04	5.29E-04	1.17E-03	1.10E-03
67	386918.93, 3751248.71	2.214	4.907	4.602	1.08E-04	2.39E-04	2.24E-04	1.50E-04	3.32E-04	3.11E-04	5.31E-04	1.18E-03	1.10E-03
68	386918.93, 3751273.71	2.221	4.926	4.615	1.08E-04	2.40E-04	2.25E-04	1.50E-04	3.33E-04	3.12E-04	5.32E-04	1.18E-03	1.11E-03
69	386918.93, 3751298.71	2.241	4.925	4.654	1.09E-04	2.40E-04	2.27E-04	1.52E-04	3.33E-04	3.15E-04	5.37E-04	1.18E-03	1.12E-03
70	386918.93, 3751323.71	2.239	4.967	4.659	1.09E-04	2.42E-04	2.27E-04	1.51E-04	3.36E-04	3.15E-04	5.37E-04	1.19E-03	1.12E-03
71	386918.93, 3751348.71	2.256	4.954	4.674	1.10E-04	2.41E-04	2.28E-04	1.53E-04	3.35E-04	3.16E-04	5.41E-04	1.19E-03	1.12E-03
72	386918.93, 3751373.71	2.282	4.948	4.721	1.11E-04	2.41E-04	2.30E-04	1.54E-04	3.35E-04	3.19E-04	5.47E-04	1.19E-03	1.13E-03
73	386918.93, 3751398.71	2.287	4.963	4.722	1.11E-04	2.42E-04	2.30E-04	1.55E-04	3.36E-04	3.19E-04	5.48E-04	1.19E-03	1.13E-03
74	386918.93, 3751423.71	2.284	4.982	4.714	1.11E-04	2.43E-04	2.30E-04	1.55E-04	3.37E-04	3.19E-04	5.48E-04	1.19E-03	1.13E-03
75	386918.93, 3751448.71	2.274	5.011	4.702	1.11E-04	2.44E-04	2.29E-04	1.54E-04	3.39E-04	3.18E-04	5.45E-04	1.20E-03	1.13E-03
76	386918.93, 3751473.71	2.281	5.012	4.715	1.11E-04	2.44E-04	2.30E-04	1.54E-04	3.39E-04	3.19E-04	5.47E-04	1.20E-03	1.13E-03
77	386918.93, 3751498.71	2.326	4.983	4.769	1.13E-04	2.43E-04	2.32E-04	1.57E-04	3.37E-04	3.23E-04	5.58E-04	1.19E-03	1.14E-03

78	386918.93, 3751523.71	2.328	4.971	4.77	1.13E-04	2.42E-04	2.32E-04	1.57E-04	3.36E-04	3.23E-04	5.58E-04	1.19E-03	1.14E-03
79	386918.93, 3751548.71	2.281	5.012	4.747	1.11E-04	2.44E-04	2.31E-04	1.54E-04	3.39E-04	3.21E-04	5.47E-04	1.20E-03	1.14E-03
80	386918.93, 3751573.71	2.213	5.006	4.733	1.08E-04	2.44E-04	2.30E-04	1.50E-04	3.39E-04	3.20E-04	5.31E-04	1.20E-03	1.13E-03
81	386918.93, 3751598.71	2.276	4.984	4.744	1.11E-04	2.43E-04	2.31E-04	1.54E-04	3.37E-04	3.21E-04	5.46E-04	1.19E-03	1.14E-03
82	386918.93, 3751623.71	2.274	4.945	4.693	1.11E-04	2.41E-04	2.28E-04	1.54E-04	3.34E-04	3.17E-04	5.45E-04	1.19E-03	1.12E-03
83	386918.93, 3751648.71	2.232	4.919	4.716	1.09E-04	2.39E-04	2.30E-04	1.51E-04	3.33E-04	3.19E-04	5.35E-04	1.18E-03	1.13E-03
84	386918.93, 3751673.71	2.208	4.861	4.644	1.08E-04	2.37E-04	2.26E-04	1.49E-04	3.29E-04	3.14E-04	5.29E-04	1.17E-03	1.11E-03
85	386918.93, 3751698.71	2.184	4.787	4.631	1.06E-04	2.33E-04	2.25E-04	1.48E-04	3.24E-04	3.13E-04	5.23E-04	1.15E-03	1.11E-03
86	386918.93, 3751723.71	2.184	4.739	4.655	1.06E-04	2.31E-04	2.27E-04	1.48E-04	3.21E-04	3.15E-04	5.24E-04	1.14E-03	1.12E-03
87	386918.93, 3751748.71	2.156	4.718	4.601	1.05E-04	2.30E-04	2.24E-04	1.46E-04	3.19E-04	3.11E-04	5.17E-04	1.13E-03	1.10E-03
88	386918.93, 3751773.71	2.117	4.736	4.482	1.03E-04	2.31E-04	2.18E-04	1.43E-04	3.20E-04	3.03E-04	5.07E-04	1.14E-03	1.07E-03
89	386918.93, 3751798.71	2.07	4.744	4.368	1.01E-04	2.31E-04	2.13E-04	1.40E-04	3.21E-04	2.95E-04	4.96E-04	1.14E-03	1.05E-03
90	386918.93, 3751823.71	2.023	4.744	4.286	9.85E-05	2.31E-04	2.09E-04	1.37E-04	3.21E-04	2.90E-04	4.85E-04	1.14E-03	1.03E-03
91	386918.93, 3751848.71	1.946	4.686	4.132	9.47E-05	2.28E-04	2.01E-04	1.32E-04	3.17E-04	2.80E-04	4.66E-04	1.12E-03	9.90E-04
92	386918.93, 3751873.71	1.862	4.568	3.98	9.07E-05	2.22E-04	1.94E-04	1.26E-04	3.09E-04	2.69E-04	4.46E-04	1.09E-03	9.54E-04
93	386943.93, 3750698.71	2.1	4.667	4.414	1.02E-04	2.27E-04	2.15E-04	1.42E-04	3.16E-04	2.99E-04	5.03E-04	1.12E-03	1.06E-03
94	386943.93, 3750723.71	2.113	4.695	4.442	1.03E-04	2.29E-04	2.16E-04	1.43E-04	3.18E-04	3.00E-04	5.06E-04	1.13E-03	1.06E-03
95	386943.93, 3750748.71	2.127	4.724	4.471	1.04E-04	2.30E-04	2.18E-04	1.44E-04	3.20E-04	3.02E-04	5.10E-04	1.13E-03	1.07E-03
96	386943.93, 3750773.71	2.162	4.749	4.518	1.05E-04	2.31E-04	2.20E-04	1.46E-04	3.21E-04	3.06E-04	5.18E-04	1.14E-03	1.08E-03
97	386943.93, 3750798.71	2.154	4.784	4.525	1.05E-04	2.33E-04	2.20E-04	1.46E-04	3.24E-04	3.06E-04	5.16E-04	1.15E-03	1.08E-03
98	386943.93, 3750823.71	2.169	4.814	4.555	1.06E-04	2.34E-04	2.22E-04	1.47E-04	3.26E-04	3.08E-04	5.20E-04	1.15E-03	1.09E-03
99	386943.93, 3750848.71	2.183	4.842	4.583	1.06E-04	2.36E-04	2.23E-04	1.48E-04	3.28E-04	3.10E-04	5.23E-04	1.16E-03	1.10E-03
100	386943.93, 3750873.71	2.201	4.866	4.614	1.07E-04	2.37E-04	2.25E-04	1.49E-04	3.29E-04	3.12E-04	5.28E-04	1.17E-03	1.11E-03
101	386943.93, 3750898.71	2.217	4.882	4.646	1.08E-04	2.38E-04	2.26E-04	1.50E-04	3.30E-04	3.14E-04	5.31E-04	1.17E-03	1.11E-03
102	386943.93, 3750923.71	2.223	4.918	4.668	1.08E-04	2.39E-04	2.27E-04	1.50E-04	3.33E-04	3.16E-04	5.33E-04	1.18E-03	1.12E-03
103	386943.93, 3750948.71	2.242	4.942	4.699	1.09E-04	2.41E-04	2.29E-04	1.52E-04	3.34E-04	3.18E-04	5.37E-04	1.18E-03	1.13E-03
104	386943.93, 3750973.71	2.262	4.966	4.731	1.10E-04	2.42E-04	2.30E-04	1.53E-04	3.36E-04	3.20E-04	5.42E-04	1.19E-03	1.13E-03
105	386943.93, 3750998.71	2.274	5	4.754	1.11E-04	2.43E-04	2.31E-04	1.54E-04	3.38E-04	3.22E-04	5.45E-04	1.20E-03	1.14E-03
106	386943.93, 3751023.71	2.289	5.028	4.781	1.11E-04	2.45E-04	2.33E-04	1.55E-04	3.40E-04	3.23E-04	5.49E-04	1.20E-03	1.15E-03
107	386943.93, 3751048.71	2.309	5.055	4.811	1.12E-04	2.46E-04	2.34E-04	1.56E-04	3.42E-04	3.25E-04	5.53E-04	1.21E-03	1.15E-03
108	386943.93, 3751073.71	2.312	5.096	4.838	1.13E-04	2.48E-04	2.36E-04	1.56E-04	3.45E-04	3.27E-04	5.54E-04	1.22E-03	1.16E-03
109	386943.93, 3751098.71	2.326	5.137	4.859	1.13E-04	2.50E-04	2.37E-04	1.57E-04	3.47E-04	3.29E-04	5.58E-04	1.23E-03	1.16E-03
110	386943.93, 3751123.71	2.338	5.167	4.878	1.14E-04	2.52E-04	2.38E-04	1.58E-04	3.50E-04	3.30E-04	5.60E-04	1.24E-03	1.17E-03
111	386943.93, 3751148.71	2.349	5.199	4.898	1.14E-04	2.53E-04	2.38E-04	1.59E-04	3.52E-04	3.31E-04	5.63E-04	1.25E-03	1.17E-03
112	386943.93, 3751173.71	2.381	5.212	4.959	1.16E-04	2.54E-04	2.41E-04	1.61E-04	3.53E-04	3.35E-04	5.71E-04	1.25E-03	1.19E-03
113	386943.93, 3751198.71	2.379	5.255	4.953	1.16E-04	2.56E-04	2.41E-04	1.61E-04	3.55E-04	3.35E-04	5.70E-04	1.26E-03	1.19E-03
114	386943.93, 3751223.71	2.404	5.269	5.001	1.17E-04	2.57E-04	2.44E-04	1.63E-04	3.56E-04	3.38E-04	5.76E-04	1.26E-03	1.20E-03
115	386943.93, 3751248.71	2.399	5.331	4.994	1.17E-04	2.60E-04	2.43E-04	1.62E-04	3.61E-04	3.38E-04	5.75E-04	1.28E-03	1.20E-03
116	386943.93, 3751273.71	2.416	5.351	5.024	1.18E-04	2.61E-04	2.45E-04	1.63E-04	3.62E-04	3.40E-04	5.79E-04	1.28E-03	1.20E-03
117	386943.93, 3751298.71	2.45	5.341	5.09	1.19E-04	2.60E-04	2.48E-04	1.66E-04	3.61E-04	3.44E-04	5.87E-04	1.28E-03	1.22E-03
118	386943.93, 3751323.71	2.445	5.394	5.074	1.19E-04	2.63E-04	2.47E-04	1.65E-04	3.65E-04	3.43E-04	5.86E-04	1.29E-03	1.22E-03

119	386943.93, 3751348.71	2.464	5.393	5.11	1.20E-04	2.63E-04	2.49E-04	1.67E-04	3.65E-04	3.46E-04	5.91E-04	1.29E-03	1.22E-03
120	386943.93, 3751373.71	2.495	5.397	5.165	1.21E-04	2.63E-04	2.51E-04	1.69E-04	3.65E-04	3.49E-04	5.98E-04	1.29E-03	1.24E-03
121	386943.93, 3751398.71	2.503	5.422	5.17	1.22E-04	2.64E-04	2.52E-04	1.69E-04	3.67E-04	3.50E-04	6.00E-04	1.30E-03	1.24E-03
122	386943.93, 3751423.71	2.505	5.445	5.163	1.22E-04	2.65E-04	2.51E-04	1.69E-04	3.68E-04	3.49E-04	6.00E-04	1.30E-03	1.24E-03
123	386943.93, 3751448.71	2.496	5.479	5.143	1.22E-04	2.67E-04	2.50E-04	1.69E-04	3.71E-04	3.48E-04	5.98E-04	1.31E-03	1.23E-03
124	386943.93, 3751473.71	2.518	5.474	5.169	1.23E-04	2.67E-04	2.52E-04	1.70E-04	3.70E-04	3.50E-04	6.03E-04	1.31E-03	1.24E-03
125	386943.93, 3751498.71	2.554	5.479	5.243	1.24E-04	2.67E-04	2.55E-04	1.73E-04	3.71E-04	3.55E-04	6.12E-04	1.31E-03	1.26E-03
126	386943.93, 3751523.71	2.585	5.512	5.265	1.26E-04	2.68E-04	2.56E-04	1.75E-04	3.73E-04	3.56E-04	6.20E-04	1.32E-03	1.26E-03
127	386943.93, 3751548.71	2.547	5.493	5.215	1.24E-04	2.67E-04	2.54E-04	1.72E-04	3.72E-04	3.53E-04	6.11E-04	1.32E-03	1.25E-03
128	386943.93, 3751573.71	2.534	5.499	5.18	1.23E-04	2.68E-04	2.52E-04	1.71E-04	3.72E-04	3.50E-04	6.07E-04	1.32E-03	1.24E-03
129	386943.93, 3751598.71	2.533	5.496	5.167	1.23E-04	2.68E-04	2.52E-04	1.71E-04	3.72E-04	3.50E-04	6.07E-04	1.32E-03	1.24E-03
130	386943.93, 3751623.71	2.529	5.495	5.198	1.23E-04	2.68E-04	2.53E-04	1.71E-04	3.72E-04	3.52E-04	6.06E-04	1.32E-03	1.25E-03
131	386943.93, 3751648.71	2.492	5.463	5.222	1.21E-04	2.66E-04	2.54E-04	1.69E-04	3.70E-04	3.53E-04	5.97E-04	1.31E-03	1.25E-03
132	386943.93, 3751673.71	2.474	5.413	5.208	1.20E-04	2.64E-04	2.54E-04	1.67E-04	3.66E-04	3.52E-04	5.93E-04	1.30E-03	1.25E-03
133	386943.93, 3751698.71	2.46	5.348	5.159	1.20E-04	2.60E-04	2.51E-04	1.66E-04	3.62E-04	3.49E-04	5.90E-04	1.28E-03	1.24E-03
134	386943.93, 3751723.71	2.458	5.275	5.139	1.20E-04	2.57E-04	2.50E-04	1.66E-04	3.57E-04	3.48E-04	5.89E-04	1.26E-03	1.23E-03
135	386943.93, 3751748.71	2.418	5.176	5.106	1.18E-04	2.52E-04	2.49E-04	1.64E-04	3.50E-04	3.45E-04	5.80E-04	1.24E-03	1.22E-03
136	386943.93, 3751773.71	2.389	5.148	5.039	1.16E-04	2.51E-04	2.45E-04	1.62E-04	3.48E-04	3.41E-04	5.73E-04	1.23E-03	1.21E-03
137	386943.93, 3751798.71	2.33	5.154	4.866	1.13E-04	2.51E-04	2.37E-04	1.58E-04	3.49E-04	3.29E-04	5.59E-04	1.24E-03	1.17E-03
138	386943.93, 3751823.71	2.278	5.166	4.797	1.11E-04	2.52E-04	2.34E-04	1.54E-04	3.49E-04	3.24E-04	5.46E-04	1.24E-03	1.15E-03
139	386943.93, 3751848.71	2.183	5.106	4.641	1.06E-04	2.49E-04	2.26E-04	1.48E-04	3.45E-04	3.14E-04	5.23E-04	1.22E-03	1.11E-03
140	386943.93, 3751873.71	2.103	5.024	4.445	1.02E-04	2.45E-04	2.16E-04	1.42E-04	3.40E-04	3.01E-04	5.04E-04	1.20E-03	1.07E-03
141	386968.93, 3750448.71	2.104	4.649	4.424	1.02E-04	2.26E-04	2.15E-04	1.42E-04	3.14E-04	2.99E-04	5.04E-04	1.11E-03	1.06E-03
142	386968.93, 3750473.71	2.121	4.686	4.457	1.03E-04	2.28E-04	2.17E-04	1.43E-04	3.17E-04	3.01E-04	5.08E-04	1.12E-03	1.07E-03
143	386968.93, 3750498.71	2.129	4.732	4.479	1.04E-04	2.30E-04	2.18E-04	1.44E-04	3.20E-04	3.03E-04	5.10E-04	1.13E-03	1.07E-03
144	386968.93, 3750523.71	2.146	4.768	4.513	1.04E-04	2.32E-04	2.20E-04	1.45E-04	3.22E-04	3.05E-04	5.14E-04	1.14E-03	1.08E-03
145	386968.93, 3750548.71	2.173	4.801	4.556	1.06E-04	2.34E-04	2.22E-04	1.47E-04	3.25E-04	3.08E-04	5.21E-04	1.15E-03	1.09E-03
146	386968.93, 3750573.71	2.18	4.839	4.581	1.06E-04	2.36E-04	2.23E-04	1.47E-04	3.27E-04	3.10E-04	5.22E-04	1.16E-03	1.10E-03
147	386968.93, 3750598.71	2.19	4.877	4.606	1.07E-04	2.37E-04	2.24E-04	1.48E-04	3.30E-04	3.12E-04	5.25E-04	1.17E-03	1.10E-03
148	386968.93, 3750623.71	2.219	4.905	4.654	1.08E-04	2.39E-04	2.27E-04	1.50E-04	3.32E-04	3.15E-04	5.32E-04	1.18E-03	1.12E-03
149	386968.93, 3750648.71	2.233	4.938	4.687	1.09E-04	2.40E-04	2.28E-04	1.51E-04	3.34E-04	3.17E-04	5.35E-04	1.18E-03	1.12E-03
150	386968.93, 3750673.71	2.248	4.972	4.721	1.09E-04	2.42E-04	2.30E-04	1.52E-04	3.36E-04	3.19E-04	5.39E-04	1.19E-03	1.13E-03
151	386968.93, 3750698.71	2.259	5.017	4.746	1.10E-04	2.44E-04	2.31E-04	1.53E-04	3.39E-04	3.21E-04	5.41E-04	1.20E-03	1.14E-03
152	386968.93, 3750723.71	2.272	5.051	4.776	1.11E-04	2.46E-04	2.33E-04	1.54E-04	3.42E-04	3.23E-04	5.44E-04	1.21E-03	1.14E-03
153	386968.93, 3750748.71	2.288	5.086	4.809	1.11E-04	2.48E-04	2.34E-04	1.55E-04	3.44E-04	3.25E-04	5.48E-04	1.22E-03	1.15E-03
154	386968.93, 3750773.71	2.323	5.112	4.863	1.13E-04	2.49E-04	2.37E-04	1.57E-04	3.46E-04	3.29E-04	5.57E-04	1.23E-03	1.17E-03
155	386968.93, 3750798.71	2.318	5.159	4.871	1.13E-04	2.51E-04	2.37E-04	1.57E-04	3.49E-04	3.29E-04	5.56E-04	1.24E-03	1.17E-03
156	386968.93, 3750823.71	2.338	5.194	4.91	1.14E-04	2.53E-04	2.39E-04	1.58E-04	3.51E-04	3.32E-04	5.60E-04	1.24E-03	1.18E-03
157	386968.93, 3750848.71	2.357	5.227	4.947	1.15E-04	2.55E-04	2.41E-04	1.59E-04	3.54E-04	3.35E-04	5.65E-04	1.25E-03	1.19E-03
158	386968.93, 3750873.71	2.379	5.258	4.984	1.16E-04	2.56E-04	2.43E-04	1.61E-04	3.56E-04	3.37E-04	5.70E-04	1.26E-03	1.19E-03
159	386968.93, 3750898.71	2.403	5.278	5.031	1.17E-04	2.57E-04	2.45E-04	1.63E-04	3.57E-04	3.40E-04	5.76E-04	1.27E-03	1.21E-03

160	386968.93, 3750923.71	2.406	5.319	5.052	1.17E-04	2.59E-04	2.46E-04	1.63E-04	3.60E-04	3.42E-04	5.77E-04	1.27E-03	1.21E-03
161	386968.93, 3750948.71	2.427	5.354	5.089	1.18E-04	2.61E-04	2.48E-04	1.64E-04	3.62E-04	3.44E-04	5.82E-04	1.28E-03	1.22E-03
162	386968.93, 3750973.71	2.449	5.392	5.125	1.19E-04	2.63E-04	2.50E-04	1.66E-04	3.65E-04	3.47E-04	5.87E-04	1.29E-03	1.23E-03
163	386968.93, 3750998.71	2.482	5.432	5.175	1.21E-04	2.64E-04	2.52E-04	1.68E-04	3.67E-04	3.50E-04	5.95E-04	1.30E-03	1.24E-03
164	386968.93, 3751023.71	2.509	5.465	5.218	1.22E-04	2.66E-04	2.54E-04	1.70E-04	3.70E-04	3.53E-04	6.01E-04	1.31E-03	1.25E-03
165	386968.93, 3751048.71	2.511	5.495	5.232	1.22E-04	2.68E-04	2.55E-04	1.70E-04	3.72E-04	3.54E-04	6.02E-04	1.32E-03	1.25E-03
166	386968.93, 3751073.71	2.526	5.531	5.261	1.23E-04	2.69E-04	2.56E-04	1.71E-04	3.74E-04	3.56E-04	6.05E-04	1.33E-03	1.26E-03
167	386968.93, 3751098.71	2.531	5.577	5.283	1.23E-04	2.72E-04	2.57E-04	1.71E-04	3.77E-04	3.57E-04	6.07E-04	1.34E-03	1.27E-03
168	386968.93, 3751123.71	2.548	5.616	5.317	1.24E-04	2.73E-04	2.59E-04	1.72E-04	3.80E-04	3.60E-04	6.11E-04	1.35E-03	1.27E-03
169	386968.93, 3751148.71	2.569	5.655	5.356	1.25E-04	2.75E-04	2.61E-04	1.74E-04	3.83E-04	3.62E-04	6.16E-04	1.36E-03	1.28E-03
170	386968.93, 3751173.71	2.604	5.699	5.399	1.27E-04	2.77E-04	2.63E-04	1.76E-04	3.85E-04	3.65E-04	6.24E-04	1.37E-03	1.29E-03
171	386968.93, 3751198.71	2.608	5.725	5.427	1.27E-04	2.79E-04	2.64E-04	1.76E-04	3.87E-04	3.67E-04	6.25E-04	1.37E-03	1.30E-03
172	386968.93, 3751223.71	2.646	5.769	5.472	1.29E-04	2.81E-04	2.66E-04	1.79E-04	3.90E-04	3.70E-04	6.34E-04	1.38E-03	1.31E-03
173	386968.93, 3751248.71	2.63	5.794	5.478	1.28E-04	2.82E-04	2.67E-04	1.78E-04	3.92E-04	3.71E-04	6.30E-04	1.39E-03	1.31E-03
174	386968.93, 3751273.71	2.65	5.831	5.516	1.29E-04	2.84E-04	2.69E-04	1.79E-04	3.94E-04	3.73E-04	6.35E-04	1.40E-03	1.32E-03
175	386968.93, 3751298.71	2.697	5.85	5.568	1.31E-04	2.85E-04	2.71E-04	1.82E-04	3.96E-04	3.77E-04	6.46E-04	1.40E-03	1.33E-03
176	386968.93, 3751323.71	2.691	5.892	5.59	1.31E-04	2.87E-04	2.72E-04	1.82E-04	3.99E-04	3.78E-04	6.45E-04	1.41E-03	1.34E-03
177	386968.93, 3751348.71	2.72	5.904	5.637	1.32E-04	2.87E-04	2.74E-04	1.84E-04	3.99E-04	3.81E-04	6.52E-04	1.42E-03	1.35E-03
178	386968.93, 3751373.71	2.749	5.954	5.681	1.34E-04	2.90E-04	2.77E-04	1.86E-04	4.03E-04	3.84E-04	6.59E-04	1.43E-03	1.36E-03
179	386968.93, 3751398.71	2.762	5.984	5.708	1.34E-04	2.91E-04	2.78E-04	1.87E-04	4.05E-04	3.86E-04	6.62E-04	1.43E-03	1.37E-03
180	386968.93, 3751423.71	2.773	6.008	5.718	1.35E-04	2.93E-04	2.78E-04	1.88E-04	4.06E-04	3.87E-04	6.65E-04	1.44E-03	1.37E-03
181	386968.93, 3751448.71	2.759	6.03	5.683	1.34E-04	2.94E-04	2.77E-04	1.87E-04	4.08E-04	3.84E-04	6.61E-04	1.45E-03	1.36E-03
182	386968.93, 3751473.71	2.788	6.048	5.732	1.36E-04	2.94E-04	2.79E-04	1.89E-04	4.09E-04	3.88E-04	6.68E-04	1.45E-03	1.37E-03
183	386968.93, 3751498.71	2.843	6.102	5.81	1.38E-04	2.97E-04	2.83E-04	1.92E-04	4.13E-04	3.93E-04	6.82E-04	1.46E-03	1.39E-03
184	386968.93, 3751523.71	2.876	6.138	5.834	1.40E-04	2.99E-04	2.84E-04	1.95E-04	4.15E-04	3.95E-04	6.89E-04	1.47E-03	1.40E-03
185	386968.93, 3751548.71	2.847	6.11	5.823	1.39E-04	2.97E-04	2.83E-04	1.93E-04	4.13E-04	3.94E-04	6.82E-04	1.46E-03	1.40E-03
186	386968.93, 3751573.71	2.836	6.138	5.796	1.38E-04	2.99E-04	2.82E-04	1.92E-04	4.15E-04	3.92E-04	6.80E-04	1.47E-03	1.39E-03
187	386968.93, 3751598.71	2.846	6.134	5.796	1.39E-04	2.99E-04	2.82E-04	1.93E-04	4.15E-04	3.92E-04	6.82E-04	1.47E-03	1.39E-03
188	386968.93, 3751623.71	2.851	6.14	5.79	1.39E-04	2.99E-04	2.82E-04	1.93E-04	4.15E-04	3.92E-04	6.83E-04	1.47E-03	1.39E-03
189	386968.93, 3751648.71	2.82	6.13	5.812	1.37E-04	2.98E-04	2.83E-04	1.91E-04	4.15E-04	3.93E-04	6.76E-04	1.47E-03	1.39E-03
190	386968.93, 3751673.71	2.821	6.097	5.79	1.37E-04	2.97E-04	2.82E-04	1.91E-04	4.12E-04	3.92E-04	6.76E-04	1.46E-03	1.39E-03
191	386968.93, 3751698.71	2.809	6.042	5.776	1.37E-04	2.94E-04	2.81E-04	1.90E-04	4.09E-04	3.91E-04	6.73E-04	1.45E-03	1.38E-03
192	386968.93, 3751723.71	2.797	5.987	5.772	1.36E-04	2.91E-04	2.81E-04	1.89E-04	4.05E-04	3.90E-04	6.70E-04	1.43E-03	1.38E-03
193	386968.93, 3751748.71	2.766	5.919	5.743	1.35E-04	2.88E-04	2.80E-04	1.87E-04	4.00E-04	3.88E-04	6.63E-04	1.42E-03	1.38E-03
194	386968.93, 3751773.71	2.724	5.826	5.636	1.33E-04	2.84E-04	2.74E-04	1.84E-04	3.94E-04	3.81E-04	6.53E-04	1.40E-03	1.35E-03
195	386968.93, 3751798.71	2.672	5.705	5.558	1.30E-04	2.78E-04	2.71E-04	1.81E-04	3.86E-04	3.76E-04	6.40E-04	1.37E-03	1.33E-03
196	386968.93, 3751823.71	2.63	5.705	5.423	1.28E-04	2.78E-04	2.64E-04	1.78E-04	3.86E-04	3.67E-04	6.30E-04	1.37E-03	1.30E-03
197	386968.93, 3751848.71	2.524	5.657	5.263	1.23E-04	2.75E-04	2.56E-04	1.71E-04	3.83E-04	3.56E-04	6.05E-04	1.36E-03	1.26E-03
198	386968.93, 3751873.71	2.408	5.562	5.034	1.17E-04	2.71E-04	2.45E-04	1.63E-04	3.76E-04	3.41E-04	5.77E-04	1.33E-03	1.21E-03
199	386993.93, 3750198.71	2.078	4.623	4.366	1.01E-04	2.25E-04	2.13E-04	1.41E-04	3.13E-04	2.95E-04	4.98E-04	1.11E-03	1.05E-03
200	386993.93, 3750223.71	2.095	4.657	4.403	1.02E-04	2.27E-04	2.14E-04	1.42E-04	3.15E-04	2.98E-04	5.02E-04	1.12E-03	1.06E-03

201	386993.93, 3750248.71	2.124	4.682	4.454	1.03E-04	2.28E-04	2.17E-04	1.44E-04	3.17E-04	3.01E-04	5.09E-04	1.12E-03	1.07E-03
202	386993.93, 3750273.71	2.13	4.72	4.481	1.04E-04	2.30E-04	2.18E-04	1.44E-04	3.19E-04	3.03E-04	5.10E-04	1.13E-03	1.07E-03
203	386993.93, 3750298.71	2.147	4.755	4.519	1.05E-04	2.31E-04	2.20E-04	1.45E-04	3.22E-04	3.06E-04	5.15E-04	1.14E-03	1.08E-03
204	386993.93, 3750323.71	2.175	4.785	4.568	1.06E-04	2.33E-04	2.22E-04	1.47E-04	3.24E-04	3.09E-04	5.21E-04	1.15E-03	1.09E-03
205	386993.93, 3750348.71	2.191	4.821	4.605	1.07E-04	2.35E-04	2.24E-04	1.48E-04	3.26E-04	3.11E-04	5.25E-04	1.16E-03	1.10E-03
206	386993.93, 3750373.71	2.212	4.847	4.645	1.08E-04	2.36E-04	2.26E-04	1.50E-04	3.28E-04	3.14E-04	5.30E-04	1.16E-03	1.11E-03
207	386993.93, 3750398.71	2.226	4.906	4.676	1.08E-04	2.39E-04	2.28E-04	1.51E-04	3.32E-04	3.16E-04	5.34E-04	1.18E-03	1.12E-03
208	386993.93, 3750423.71	2.239	4.946	4.709	1.09E-04	2.41E-04	2.29E-04	1.51E-04	3.35E-04	3.19E-04	5.37E-04	1.19E-03	1.13E-03
209	386993.93, 3750448.71	2.247	5.012	4.728	1.09E-04	2.44E-04	2.30E-04	1.52E-04	3.39E-04	3.20E-04	5.39E-04	1.20E-03	1.13E-03
210	386993.93, 3750473.71	2.279	5.031	4.784	1.11E-04	2.45E-04	2.33E-04	1.54E-04	3.40E-04	3.24E-04	5.46E-04	1.21E-03	1.15E-03
211	386993.93, 3750498.71	2.279	5.092	4.797	1.11E-04	2.48E-04	2.34E-04	1.54E-04	3.44E-04	3.25E-04	5.46E-04	1.22E-03	1.15E-03
212	386993.93, 3750523.71	2.31	5.123	4.854	1.12E-04	2.49E-04	2.36E-04	1.56E-04	3.47E-04	3.28E-04	5.54E-04	1.23E-03	1.16E-03
213	386993.93, 3750548.71	2.339	5.163	4.899	1.14E-04	2.51E-04	2.39E-04	1.58E-04	3.49E-04	3.31E-04	5.61E-04	1.24E-03	1.17E-03
214	386993.93, 3750573.71	2.35	5.206	4.932	1.14E-04	2.53E-04	2.40E-04	1.59E-04	3.52E-04	3.34E-04	5.63E-04	1.25E-03	1.18E-03
215	386993.93, 3750598.71	2.376	5.248	4.978	1.16E-04	2.56E-04	2.42E-04	1.61E-04	3.55E-04	3.37E-04	5.70E-04	1.26E-03	1.19E-03
216	386993.93, 3750623.71	2.38	5.292	5.002	1.16E-04	2.58E-04	2.44E-04	1.61E-04	3.58E-04	3.38E-04	5.70E-04	1.27E-03	1.20E-03
217	386993.93, 3750648.71	2.403	5.335	5.046	1.17E-04	2.60E-04	2.46E-04	1.63E-04	3.61E-04	3.41E-04	5.76E-04	1.28E-03	1.21E-03
218	386993.93, 3750673.71	2.429	5.365	5.096	1.18E-04	2.61E-04	2.48E-04	1.64E-04	3.63E-04	3.45E-04	5.82E-04	1.29E-03	1.22E-03
219	386993.93, 3750698.71	2.432	5.419	5.115	1.18E-04	2.64E-04	2.49E-04	1.64E-04	3.67E-04	3.46E-04	5.83E-04	1.30E-03	1.23E-03
220	386993.93, 3750723.71	2.455	5.46	5.16	1.20E-04	2.66E-04	2.51E-04	1.66E-04	3.69E-04	3.49E-04	5.88E-04	1.31E-03	1.24E-03
221	386993.93, 3750748.71	2.476	5.501	5.202	1.21E-04	2.68E-04	2.53E-04	1.67E-04	3.72E-04	3.52E-04	5.93E-04	1.32E-03	1.25E-03
222	386993.93, 3750773.71	2.521	5.537	5.27	1.23E-04	2.70E-04	2.57E-04	1.71E-04	3.75E-04	3.56E-04	6.04E-04	1.33E-03	1.26E-03
223	386993.93, 3750798.71	2.518	5.588	5.285	1.23E-04	2.72E-04	2.57E-04	1.70E-04	3.78E-04	3.57E-04	6.03E-04	1.34E-03	1.27E-03
224	386993.93, 3750823.71	2.533	5.635	5.318	1.23E-04	2.74E-04	2.59E-04	1.71E-04	3.81E-04	3.60E-04	6.07E-04	1.35E-03	1.27E-03
225	386993.93, 3750848.71	2.556	5.677	5.362	1.24E-04	2.76E-04	2.61E-04	1.73E-04	3.84E-04	3.63E-04	6.13E-04	1.36E-03	1.29E-03
226	386993.93, 3750873.71	2.579	5.714	5.41	1.26E-04	2.78E-04	2.63E-04	1.74E-04	3.87E-04	3.66E-04	6.18E-04	1.37E-03	1.30E-03
227	386993.93, 3750898.71	2.615	5.739	5.472	1.27E-04	2.79E-04	2.66E-04	1.77E-04	3.88E-04	3.70E-04	6.27E-04	1.38E-03	1.31E-03
228	386993.93, 3750923.71	2.611	5.788	5.485	1.27E-04	2.82E-04	2.67E-04	1.77E-04	3.92E-04	3.71E-04	6.26E-04	1.39E-03	1.31E-03
229	386993.93, 3750948.71	2.635	5.834	5.532	1.28E-04	2.84E-04	2.69E-04	1.78E-04	3.95E-04	3.74E-04	6.31E-04	1.40E-03	1.33E-03
230	386993.93, 3750973.71	2.659	5.883	5.578	1.29E-04	2.86E-04	2.72E-04	1.80E-04	3.98E-04	3.77E-04	6.37E-04	1.41E-03	1.34E-03
231	386993.93, 3750998.71	2.718	5.935	5.656	1.32E-04	2.89E-04	2.75E-04	1.84E-04	4.01E-04	3.83E-04	6.52E-04	1.42E-03	1.36E-03
232	386993.93, 3751023.71	2.753	5.977	5.716	1.34E-04	2.91E-04	2.78E-04	1.86E-04	4.04E-04	3.87E-04	6.60E-04	1.43E-03	1.37E-03
233	386993.93, 3751048.71	2.763	6.022	5.74	1.35E-04	2.93E-04	2.79E-04	1.87E-04	4.07E-04	3.88E-04	6.62E-04	1.44E-03	1.38E-03
234	386993.93, 3751073.71	2.788	6.072	5.784	1.36E-04	2.96E-04	2.82E-04	1.89E-04	4.11E-04	3.91E-04	6.68E-04	1.46E-03	1.39E-03
235	386993.93, 3751098.71	2.783	6.109	5.8	1.36E-04	2.97E-04	2.82E-04	1.88E-04	4.13E-04	3.92E-04	6.67E-04	1.46E-03	1.39E-03
236	386993.93, 3751123.71	2.804	6.169	5.836	1.37E-04	3.00E-04	2.84E-04	1.90E-04	4.17E-04	3.95E-04	6.72E-04	1.48E-03	1.40E-03
237	386993.93, 3751148.71	2.826	6.218	5.88	1.38E-04	3.03E-04	2.86E-04	1.91E-04	4.21E-04	3.98E-04	6.77E-04	1.49E-03	1.41E-03
238	386993.93, 3751173.71	2.889	6.277	5.971	1.41E-04	3.06E-04	2.91E-04	1.95E-04	4.25E-04	4.04E-04	6.92E-04	1.50E-03	1.43E-03
239	386993.93, 3751198.71	2.883	6.315	5.984	1.40E-04	3.07E-04	2.91E-04	1.95E-04	4.27E-04	4.05E-04	6.91E-04	1.51E-03	1.43E-03
240	386993.93, 3751223.71	2.934	6.367	6.062	1.43E-04	3.10E-04	2.95E-04	1.99E-04	4.31E-04	4.10E-04	7.03E-04	1.53E-03	1.45E-03
241	386993.93, 3751248.71	2.949	6.413	6.094	1.44E-04	3.12E-04	2.97E-04	1.99E-04	4.34E-04	4.12E-04	7.07E-04	1.54E-03	1.46E-03

242	386993.93, 3751273.71	2.971	6.45	6.138	1.45E-04	3.14E-04	2.99E-04	2.01E-04	4.36E-04	4.15E-04	7.12E-04	1.55E-03	1.47E-03
243	386993.93, 3751298.71	2.999	6.494	6.188	1.46E-04	3.16E-04	3.01E-04	2.03E-04	4.39E-04	4.19E-04	7.19E-04	1.56E-03	1.48E-03
244	386993.93, 3751323.71	2.998	6.518	6.203	1.46E-04	3.17E-04	3.02E-04	2.03E-04	4.41E-04	4.20E-04	7.19E-04	1.56E-03	1.49E-03
245	386993.93, 3751348.71	3.031	6.577	6.253	1.48E-04	3.20E-04	3.04E-04	2.05E-04	4.45E-04	4.23E-04	7.26E-04	1.58E-03	1.50E-03
246	386993.93, 3751373.71	3.063	6.638	6.301	1.49E-04	3.23E-04	3.07E-04	2.07E-04	4.49E-04	4.26E-04	7.34E-04	1.59E-03	1.51E-03
247	386993.93, 3751398.71	3.081	6.682	6.333	1.50E-04	3.25E-04	3.08E-04	2.08E-04	4.52E-04	4.28E-04	7.39E-04	1.60E-03	1.52E-03
248	386993.93, 3751423.71	3.096	6.72	6.377	1.51E-04	3.27E-04	3.10E-04	2.09E-04	4.55E-04	4.31E-04	7.42E-04	1.61E-03	1.53E-03
249	386993.93, 3751448.71	3.094	6.735	6.378	1.51E-04	3.28E-04	3.11E-04	2.09E-04	4.56E-04	4.31E-04	7.41E-04	1.61E-03	1.53E-03
250	386993.93, 3751473.71	3.126	6.784	6.433	1.52E-04	3.30E-04	3.13E-04	2.11E-04	4.59E-04	4.35E-04	7.49E-04	1.63E-03	1.54E-03
251	386993.93, 3751498.71	3.153	6.825	6.469	1.53E-04	3.32E-04	3.15E-04	2.13E-04	4.62E-04	4.38E-04	7.56E-04	1.64E-03	1.55E-03
252	386993.93, 3751523.71	3.223	6.906	6.563	1.57E-04	3.36E-04	3.20E-04	2.18E-04	4.67E-04	4.44E-04	7.72E-04	1.66E-03	1.57E-03
253	386993.93, 3751548.71	3.243	6.947	6.596	1.58E-04	3.38E-04	3.21E-04	2.19E-04	4.70E-04	4.46E-04	7.77E-04	1.67E-03	1.58E-03
254	386993.93, 3751573.71	3.254	6.974	6.61	1.58E-04	3.40E-04	3.22E-04	2.20E-04	4.72E-04	4.47E-04	7.80E-04	1.67E-03	1.58E-03
255	386993.93, 3751598.71	3.262	6.991	6.609	1.59E-04	3.40E-04	3.22E-04	2.21E-04	4.73E-04	4.47E-04	7.82E-04	1.68E-03	1.58E-03
256	386993.93, 3751623.71	3.268	6.999	6.612	1.59E-04	3.41E-04	3.22E-04	2.21E-04	4.73E-04	4.47E-04	7.83E-04	1.68E-03	1.58E-03
257	386993.93, 3751648.71	3.269	7	6.618	1.59E-04	3.41E-04	3.22E-04	2.21E-04	4.73E-04	4.48E-04	7.84E-04	1.68E-03	1.59E-03
258	386993.93, 3751673.71	3.272	6.999	6.619	1.59E-04	3.41E-04	3.22E-04	2.21E-04	4.73E-04	4.48E-04	7.84E-04	1.68E-03	1.59E-03
259	386993.93, 3751698.71	3.264	6.984	6.613	1.59E-04	3.40E-04	3.22E-04	2.21E-04	4.72E-04	4.47E-04	7.82E-04	1.67E-03	1.58E-03
260	386993.93, 3751723.71	3.246	6.951	6.585	1.58E-04	3.38E-04	3.21E-04	2.20E-04	4.70E-04	4.45E-04	7.78E-04	1.67E-03	1.58E-03
261	386993.93, 3751748.71	3.247	6.921	6.546	1.58E-04	3.37E-04	3.19E-04	2.20E-04	4.68E-04	4.43E-04	7.78E-04	1.66E-03	1.57E-03
262	386993.93, 3751773.71	3.196	6.823	6.467	1.56E-04	3.32E-04	3.15E-04	2.16E-04	4.62E-04	4.37E-04	7.66E-04	1.64E-03	1.55E-03
263	386993.93, 3751798.71	3.157	6.714	6.378	1.54E-04	3.27E-04	3.11E-04	2.14E-04	4.54E-04	4.31E-04	7.57E-04	1.61E-03	1.53E-03
264	386993.93, 3751823.71	3.073	6.537	6.253	1.50E-04	3.18E-04	3.04E-04	2.08E-04	4.42E-04	4.23E-04	7.37E-04	1.57E-03	1.50E-03
265	386993.93, 3751848.71	2.955	6.295	6.043	1.44E-04	3.06E-04	2.94E-04	2.00E-04	4.26E-04	4.09E-04	7.08E-04	1.51E-03	1.45E-03
266	386993.93, 3751873.71	2.809	6.196	5.771	1.37E-04	3.02E-04	2.81E-04	1.90E-04	4.19E-04	3.90E-04	6.73E-04	1.49E-03	1.38E-03
267	387018.93, 3749948.71	2.053	4.533	4.299	9.99E-05	2.21E-04	2.09E-04	1.39E-04	3.07E-04	2.91E-04	4.92E-04	1.09E-03	1.03E-03
268	387018.93, 3749973.71	2.07	4.576	4.336	1.01E-04	2.23E-04	2.11E-04	1.40E-04	3.10E-04	2.93E-04	4.96E-04	1.10E-03	1.04E-03
269	387018.93, 3749998.71	2.081	4.624	4.37	1.01E-04	2.25E-04	2.13E-04	1.41E-04	3.13E-04	2.96E-04	4.99E-04	1.11E-03	1.05E-03
270	387018.93, 3750023.71	2.098	4.667	4.409	1.02E-04	2.27E-04	2.15E-04	1.42E-04	3.16E-04	2.98E-04	5.03E-04	1.12E-03	1.06E-03
271	387018.93, 3750048.71	2.116	4.707	4.448	1.03E-04	2.29E-04	2.17E-04	1.43E-04	3.18E-04	3.01E-04	5.07E-04	1.13E-03	1.07E-03
272	387018.93, 3750073.71	2.129	4.753	4.485	1.04E-04	2.31E-04	2.18E-04	1.44E-04	3.21E-04	3.03E-04	5.10E-04	1.14E-03	1.08E-03
273	387018.93, 3750098.71	2.148	4.793	4.518	1.05E-04	2.33E-04	2.20E-04	1.45E-04	3.24E-04	3.06E-04	5.15E-04	1.15E-03	1.08E-03
274	387018.93, 3750123.71	2.165	4.836	4.555	1.05E-04	2.35E-04	2.22E-04	1.46E-04	3.27E-04	3.08E-04	5.19E-04	1.16E-03	1.09E-03
275	387018.93, 3750148.71	2.199	4.869	4.603	1.07E-04	2.37E-04	2.24E-04	1.49E-04	3.29E-04	3.11E-04	5.27E-04	1.17E-03	1.10E-03
276	387018.93, 3750173.71	2.202	4.917	4.629	1.07E-04	2.39E-04	2.25E-04	1.49E-04	3.33E-04	3.13E-04	5.28E-04	1.18E-03	1.11E-03
277	387018.93, 3750198.71	2.229	4.952	4.68	1.09E-04	2.41E-04	2.28E-04	1.51E-04	3.35E-04	3.17E-04	5.34E-04	1.19E-03	1.12E-03
278	387018.93, 3750223.71	2.248	4.99	4.723	1.09E-04	2.43E-04	2.30E-04	1.52E-04	3.38E-04	3.19E-04	5.39E-04	1.20E-03	1.13E-03
279	387018.93, 3750248.71	2.28	5.021	4.78	1.11E-04	2.44E-04	2.33E-04	1.54E-04	3.40E-04	3.23E-04	5.47E-04	1.20E-03	1.15E-03
280	387018.93, 3750273.71	2.288	5.066	4.81	1.11E-04	2.47E-04	2.34E-04	1.55E-04	3.43E-04	3.25E-04	5.48E-04	1.21E-03	1.15E-03
281	387018.93, 3750298.71	2.311	5.104	4.858	1.13E-04	2.48E-04	2.37E-04	1.56E-04	3.45E-04	3.29E-04	5.54E-04	1.22E-03	1.16E-03
282	387018.93, 3750323.71	2.339	5.142	4.91	1.14E-04	2.50E-04	2.39E-04	1.58E-04	3.48E-04	3.32E-04	5.61E-04	1.23E-03	1.18E-03

283	387018.93, 3750348.71	2.36	5.183	4.952	1.15E-04	2.52E-04	2.41E-04	1.60E-04	3.51E-04	3.35E-04	5.66E-04	1.24E-03	1.19E-03
284	387018.93, 3750373.71	2.38	5.226	4.995	1.16E-04	2.54E-04	2.43E-04	1.61E-04	3.53E-04	3.38E-04	5.70E-04	1.25E-03	1.20E-03
285	387018.93, 3750398.71	2.394	5.281	5.03	1.17E-04	2.57E-04	2.45E-04	1.62E-04	3.57E-04	3.40E-04	5.74E-04	1.27E-03	1.21E-03
286	387018.93, 3750423.71	2.414	5.329	5.073	1.18E-04	2.59E-04	2.47E-04	1.63E-04	3.60E-04	3.43E-04	5.79E-04	1.28E-03	1.22E-03
287	387018.93, 3750448.71	2.428	5.392	5.105	1.18E-04	2.63E-04	2.49E-04	1.64E-04	3.65E-04	3.45E-04	5.82E-04	1.29E-03	1.22E-03
288	387018.93, 3750473.71	2.462	5.426	5.162	1.20E-04	2.64E-04	2.51E-04	1.67E-04	3.67E-04	3.49E-04	5.90E-04	1.30E-03	1.24E-03
289	387018.93, 3750498.71	2.478	5.481	5.203	1.21E-04	2.67E-04	2.53E-04	1.68E-04	3.71E-04	3.52E-04	5.94E-04	1.31E-03	1.25E-03
290	387018.93, 3750523.71	2.5	5.534	5.245	1.22E-04	2.69E-04	2.55E-04	1.69E-04	3.74E-04	3.55E-04	5.99E-04	1.33E-03	1.26E-03
291	387018.93, 3750548.71	2.53	5.582	5.295	1.23E-04	2.72E-04	2.58E-04	1.71E-04	3.78E-04	3.58E-04	6.06E-04	1.34E-03	1.27E-03
292	387018.93, 3750573.71	2.552	5.634	5.341	1.24E-04	2.74E-04	2.60E-04	1.73E-04	3.81E-04	3.61E-04	6.12E-04	1.35E-03	1.28E-03
293	387018.93, 3750598.71	2.575	5.682	5.388	1.25E-04	2.77E-04	2.62E-04	1.74E-04	3.84E-04	3.64E-04	6.17E-04	1.36E-03	1.29E-03
294	387018.93, 3750623.71	2.588	5.727	5.428	1.26E-04	2.79E-04	2.64E-04	1.75E-04	3.87E-04	3.67E-04	6.20E-04	1.37E-03	1.30E-03
295	387018.93, 3750648.71	2.607	5.785	5.47	1.27E-04	2.82E-04	2.66E-04	1.76E-04	3.91E-04	3.70E-04	6.25E-04	1.39E-03	1.31E-03
296	387018.93, 3750673.71	2.639	5.822	5.53	1.28E-04	2.83E-04	2.69E-04	1.78E-04	3.94E-04	3.74E-04	6.32E-04	1.40E-03	1.33E-03
297	387018.93, 3750698.71	2.646	5.885	5.559	1.29E-04	2.87E-04	2.71E-04	1.79E-04	3.98E-04	3.76E-04	6.34E-04	1.41E-03	1.33E-03
298	387018.93, 3750723.71	2.673	5.935	5.612	1.30E-04	2.89E-04	2.73E-04	1.81E-04	4.01E-04	3.80E-04	6.41E-04	1.42E-03	1.35E-03
299	387018.93, 3750748.71	2.695	5.987	5.658	1.31E-04	2.92E-04	2.75E-04	1.82E-04	4.05E-04	3.83E-04	6.46E-04	1.44E-03	1.36E-03
300	387018.93, 3750773.71	2.745	6.027	5.737	1.34E-04	2.93E-04	2.79E-04	1.86E-04	4.08E-04	3.88E-04	6.58E-04	1.44E-03	1.38E-03
301	387018.93, 3750798.71	2.767	6.08	5.785	1.35E-04	2.96E-04	2.82E-04	1.87E-04	4.11E-04	3.91E-04	6.63E-04	1.46E-03	1.39E-03
302	387018.93, 3750823.71	2.795	6.137	5.838	1.36E-04	2.99E-04	2.84E-04	1.89E-04	4.15E-04	3.95E-04	6.70E-04	1.47E-03	1.40E-03
303	387018.93, 3750848.71	2.823	6.191	5.891	1.37E-04	3.01E-04	2.87E-04	1.91E-04	4.19E-04	3.98E-04	6.77E-04	1.48E-03	1.41E-03
304	387018.93, 3750873.71	2.847	6.239	5.943	1.39E-04	3.04E-04	2.89E-04	1.93E-04	4.22E-04	4.02E-04	6.82E-04	1.50E-03	1.42E-03
305	387018.93, 3750898.71	2.879	6.287	6.005	1.40E-04	3.06E-04	2.92E-04	1.95E-04	4.25E-04	4.06E-04	6.90E-04	1.51E-03	1.44E-03
306	387018.93, 3750923.71	2.899	6.335	6.053	1.41E-04	3.08E-04	2.95E-04	1.96E-04	4.29E-04	4.09E-04	6.95E-04	1.52E-03	1.45E-03
307	387018.93, 3750948.71	2.933	6.4	6.112	1.43E-04	3.12E-04	2.98E-04	1.98E-04	4.33E-04	4.13E-04	7.03E-04	1.53E-03	1.47E-03
308	387018.93, 3750973.71	2.964	6.47	6.169	1.44E-04	3.15E-04	3.00E-04	2.00E-04	4.38E-04	4.17E-04	7.10E-04	1.55E-03	1.48E-03
309	387018.93, 3750998.71	2.991	6.531	6.222	1.46E-04	3.18E-04	3.03E-04	2.02E-04	4.42E-04	4.21E-04	7.17E-04	1.57E-03	1.49E-03
310	387018.93, 3751023.71	3.026	6.586	6.282	1.47E-04	3.21E-04	3.06E-04	2.05E-04	4.46E-04	4.25E-04	7.25E-04	1.58E-03	1.51E-03
311	387018.93, 3751048.71	3.058	6.642	6.339	1.49E-04	3.23E-04	3.09E-04	2.07E-04	4.49E-04	4.29E-04	7.33E-04	1.59E-03	1.52E-03
312	387018.93, 3751073.71	3.089	6.707	6.394	1.50E-04	3.27E-04	3.11E-04	2.09E-04	4.54E-04	4.33E-04	7.40E-04	1.61E-03	1.53E-03
313	387018.93, 3751098.71	3.082	6.756	6.414	1.50E-04	3.29E-04	3.12E-04	2.08E-04	4.57E-04	4.34E-04	7.39E-04	1.62E-03	1.54E-03
314	387018.93, 3751123.71	3.103	6.829	6.457	1.51E-04	3.32E-04	3.14E-04	2.10E-04	4.62E-04	4.37E-04	7.44E-04	1.64E-03	1.55E-03
315	387018.93, 3751148.71	3.137	6.895	6.52	1.53E-04	3.36E-04	3.17E-04	2.12E-04	4.66E-04	4.41E-04	7.52E-04	1.65E-03	1.56E-03
316	387018.93, 3751173.71	3.204	6.975	6.618	1.56E-04	3.40E-04	3.22E-04	2.17E-04	4.72E-04	4.48E-04	7.68E-04	1.67E-03	1.59E-03
317	387018.93, 3751198.71	3.219	7.031	6.669	1.57E-04	3.42E-04	3.25E-04	2.18E-04	4.76E-04	4.51E-04	7.72E-04	1.69E-03	1.60E-03
318	387018.93, 3751223.71	3.269	7.103	6.75	1.59E-04	3.46E-04	3.29E-04	2.21E-04	4.80E-04	4.57E-04	7.84E-04	1.70E-03	1.62E-03
319	387018.93, 3751248.71	3.279	7.152	6.793	1.60E-04	3.48E-04	3.31E-04	2.22E-04	4.84E-04	4.60E-04	7.86E-04	1.71E-03	1.63E-03
320	387018.93, 3751273.71	3.322	7.213	6.867	1.62E-04	3.51E-04	3.34E-04	2.25E-04	4.88E-04	4.65E-04	7.96E-04	1.73E-03	1.65E-03
321	387018.93, 3751298.71	3.368	7.276	6.943	1.64E-04	3.54E-04	3.38E-04	2.28E-04	4.92E-04	4.70E-04	8.07E-04	1.74E-03	1.66E-03
322	387018.93, 3751323.71	3.377	7.323	6.977	1.64E-04	3.57E-04	3.40E-04	2.28E-04	4.95E-04	4.72E-04	8.09E-04	1.76E-03	1.67E-03
323	387018.93, 3751348.71	3.407	7.397	7.029	1.66E-04	3.60E-04	3.42E-04	2.30E-04	5.00E-04	4.75E-04	8.17E-04	1.77E-03	1.68E-03

324	387018.93, 3751373.71	3.456	7.484	7.103	1.68E-04	3.64E-04	3.46E-04	2.34E-04	5.06E-04	4.80E-04	8.28E-04	1.79E-03	1.70E-03
325	387018.93, 3751398.71	3.485	7.553	7.153	1.70E-04	3.68E-04	3.48E-04	2.36E-04	5.11E-04	4.84E-04	8.35E-04	1.81E-03	1.71E-03
326	387018.93, 3751423.71	3.5	7.601	7.183	1.70E-04	3.70E-04	3.50E-04	2.37E-04	5.14E-04	4.86E-04	8.39E-04	1.82E-03	1.72E-03
327	387018.93, 3751448.71	3.502	7.637	7.197	1.70E-04	3.72E-04	3.50E-04	2.37E-04	5.17E-04	4.87E-04	8.39E-04	1.83E-03	1.72E-03
328	387018.93, 3751473.71	3.542	7.712	7.269	1.72E-04	3.75E-04	3.54E-04	2.40E-04	5.22E-04	4.92E-04	8.49E-04	1.85E-03	1.74E-03
329	387018.93, 3751498.71	3.581	7.782	7.344	1.74E-04	3.79E-04	3.58E-04	2.42E-04	5.26E-04	4.97E-04	8.58E-04	1.87E-03	1.76E-03
330	387018.93, 3751523.71	3.668	7.901	7.495	1.79E-04	3.85E-04	3.65E-04	2.48E-04	5.34E-04	5.07E-04	8.79E-04	1.89E-03	1.80E-03
331	387018.93, 3751548.71	3.721	7.995	7.588	1.81E-04	3.89E-04	3.69E-04	2.52E-04	5.41E-04	5.13E-04	8.92E-04	1.92E-03	1.82E-03
332	387018.93, 3751573.71	3.732	8.035	7.617	1.82E-04	3.91E-04	3.71E-04	2.52E-04	5.44E-04	5.15E-04	8.95E-04	1.93E-03	1.83E-03
333	387018.93, 3751598.71	3.745	8.062	7.617	1.82E-04	3.93E-04	3.71E-04	2.53E-04	5.45E-04	5.15E-04	8.98E-04	1.93E-03	1.83E-03
334	387018.93, 3751623.71	3.775	8.116	7.655	1.84E-04	3.95E-04	3.73E-04	2.55E-04	5.49E-04	5.18E-04	9.05E-04	1.95E-03	1.83E-03
335	387018.93, 3751648.71	3.8	8.163	7.705	1.85E-04	3.97E-04	3.75E-04	2.57E-04	5.52E-04	5.21E-04	9.11E-04	1.96E-03	1.85E-03
336	387018.93, 3751673.71	3.843	8.229	7.755	1.87E-04	4.01E-04	3.78E-04	2.60E-04	5.57E-04	5.25E-04	9.21E-04	1.97E-03	1.86E-03
337	387018.93, 3751698.71	3.805	8.202	7.684	1.85E-04	3.99E-04	3.74E-04	2.57E-04	5.55E-04	5.20E-04	9.12E-04	1.97E-03	1.84E-03
338	387018.93, 3751723.71	3.823	8.227	7.714	1.86E-04	4.01E-04	3.76E-04	2.59E-04	5.56E-04	5.22E-04	9.16E-04	1.97E-03	1.85E-03
339	387018.93, 3751748.71	3.868	8.262	7.759	1.88E-04	4.02E-04	3.78E-04	2.62E-04	5.59E-04	5.25E-04	9.27E-04	1.98E-03	1.86E-03
340	387018.93, 3751773.71	3.795	8.156	7.65	1.85E-04	3.97E-04	3.72E-04	2.57E-04	5.52E-04	5.17E-04	9.09E-04	1.95E-03	1.83E-03
341	387018.93, 3751798.71	3.735	8.038	7.543	1.82E-04	3.91E-04	3.67E-04	2.53E-04	5.44E-04	5.10E-04	8.95E-04	1.93E-03	1.81E-03
342	387018.93, 3751823.71	3.686	7.899	7.425	1.79E-04	3.85E-04	3.61E-04	2.49E-04	5.34E-04	5.02E-04	8.84E-04	1.89E-03	1.78E-03
343	387018.93, 3751848.71	3.535	7.61	7.086	1.72E-04	3.71E-04	3.45E-04	2.39E-04	5.15E-04	4.79E-04	8.47E-04	1.82E-03	1.70E-03
344	387018.93, 3751873.71	3.376	7.265	6.785	1.64E-04	3.54E-04	3.30E-04	2.28E-04	4.91E-04	4.59E-04	8.09E-04	1.74E-03	1.63E-03
345	387043.93, 3749698.71	1.997	4.421	4.175	9.72E-05	2.15E-04	2.03E-04	1.35E-04	2.99E-04	2.82E-04	4.79E-04	1.06E-03	1.00E-03
346	387043.93, 3749723.71	2.024	4.435	4.222	9.85E-05	2.16E-04	2.06E-04	1.37E-04	3.00E-04	2.86E-04	4.85E-04	1.06E-03	1.01E-03
347	387043.93, 3749748.71	2.045	4.488	4.264	9.96E-05	2.19E-04	2.08E-04	1.38E-04	3.04E-04	2.88E-04	4.90E-04	1.08E-03	1.02E-03
348	387043.93, 3749773.71	2.068	4.534	4.307	1.01E-04	2.21E-04	2.10E-04	1.40E-04	3.07E-04	2.91E-04	4.96E-04	1.09E-03	1.03E-03
349	387043.93, 3749798.71	2.088	4.582	4.349	1.02E-04	2.23E-04	2.12E-04	1.41E-04	3.10E-04	2.94E-04	5.01E-04	1.10E-03	1.04E-03
350	387043.93, 3749823.71	2.107	4.629	4.388	1.03E-04	2.25E-04	2.14E-04	1.43E-04	3.13E-04	2.97E-04	5.05E-04	1.11E-03	1.05E-03
351	387043.93, 3749848.71	2.118	4.682	4.439	1.03E-04	2.28E-04	2.16E-04	1.43E-04	3.17E-04	3.00E-04	5.08E-04	1.12E-03	1.06E-03
352	387043.93, 3749873.71	2.137	4.723	4.484	1.04E-04	2.30E-04	2.18E-04	1.45E-04	3.20E-04	3.03E-04	5.12E-04	1.13E-03	1.07E-03
353	387043.93, 3749898.71	2.15	4.784	4.52	1.05E-04	2.33E-04	2.20E-04	1.45E-04	3.24E-04	3.06E-04	5.15E-04	1.15E-03	1.08E-03
354	387043.93, 3749923.71	2.189	4.792	4.567	1.07E-04	2.33E-04	2.22E-04	1.48E-04	3.24E-04	3.09E-04	5.25E-04	1.15E-03	1.09E-03
355	387043.93, 3749948.71	2.2	4.851	4.602	1.07E-04	2.36E-04	2.24E-04	1.49E-04	3.28E-04	3.11E-04	5.27E-04	1.16E-03	1.10E-03
356	387043.93, 3749973.71	2.216	4.902	4.644	1.08E-04	2.39E-04	2.26E-04	1.50E-04	3.32E-04	3.14E-04	5.31E-04	1.18E-03	1.11E-03
357	387043.93, 3749998.71	2.23	4.958	4.682	1.09E-04	2.41E-04	2.28E-04	1.51E-04	3.35E-04	3.17E-04	5.35E-04	1.19E-03	1.12E-03
358	387043.93, 3750023.71	2.251	5.002	4.725	1.10E-04	2.44E-04	2.30E-04	1.52E-04	3.38E-04	3.20E-04	5.39E-04	1.20E-03	1.13E-03
359	387043.93, 3750048.71	2.27	5.049	4.763	1.11E-04	2.46E-04	2.32E-04	1.54E-04	3.42E-04	3.22E-04	5.44E-04	1.21E-03	1.14E-03
360	387043.93, 3750073.71	2.292	5.094	4.802	1.12E-04	2.48E-04	2.34E-04	1.55E-04	3.45E-04	3.25E-04	5.49E-04	1.22E-03	1.15E-03
361	387043.93, 3750098.71	2.315	5.14	4.85	1.13E-04	2.50E-04	2.36E-04	1.57E-04	3.48E-04	3.28E-04	5.55E-04	1.23E-03	1.16E-03
362	387043.93, 3750123.71	2.337	5.191	4.896	1.14E-04	2.53E-04	2.38E-04	1.58E-04	3.51E-04	3.31E-04	5.60E-04	1.24E-03	1.17E-03
363	387043.93, 3750148.71	2.367	5.233	4.952	1.15E-04	2.55E-04	2.41E-04	1.60E-04	3.54E-04	3.35E-04	5.67E-04	1.25E-03	1.19E-03
364	387043.93, 3750173.71	2.384	5.281	4.995	1.16E-04	2.57E-04	2.43E-04	1.61E-04	3.57E-04	3.38E-04	5.71E-04	1.27E-03	1.20E-03

365	387043.93, 3750198.71	2.406	5.325	5.044	1.17E-04	2.59E-04	2.46E-04	1.63E-04	3.60E-04	3.41E-04	5.77E-04	1.28E-03	1.21E-03
366	387043.93, 3750223.71	2.436	5.368	5.102	1.19E-04	2.61E-04	2.48E-04	1.65E-04	3.63E-04	3.45E-04	5.84E-04	1.29E-03	1.22E-03
367	387043.93, 3750248.71	2.469	5.4	5.166	1.20E-04	2.63E-04	2.52E-04	1.67E-04	3.65E-04	3.49E-04	5.92E-04	1.29E-03	1.24E-03
368	387043.93, 3750273.71	2.484	5.458	5.206	1.21E-04	2.66E-04	2.53E-04	1.68E-04	3.69E-04	3.52E-04	5.95E-04	1.31E-03	1.25E-03
369	387043.93, 3750298.71	2.509	5.503	5.255	1.22E-04	2.68E-04	2.56E-04	1.70E-04	3.72E-04	3.55E-04	6.01E-04	1.32E-03	1.26E-03
370	387043.93, 3750323.71	2.533	5.551	5.305	1.23E-04	2.70E-04	2.58E-04	1.71E-04	3.75E-04	3.59E-04	6.07E-04	1.33E-03	1.27E-03
371	387043.93, 3750348.71	2.562	5.584	5.367	1.25E-04	2.72E-04	2.61E-04	1.73E-04	3.78E-04	3.63E-04	6.14E-04	1.34E-03	1.29E-03
372	387043.93, 3750373.71	2.59	5.639	5.419	1.26E-04	2.75E-04	2.64E-04	1.75E-04	3.81E-04	3.67E-04	6.21E-04	1.35E-03	1.30E-03
373	387043.93, 3750398.71	2.613	5.696	5.469	1.27E-04	2.77E-04	2.66E-04	1.77E-04	3.85E-04	3.70E-04	6.26E-04	1.37E-03	1.31E-03
374	387043.93, 3750423.71	2.63	5.758	5.507	1.28E-04	2.80E-04	2.68E-04	1.78E-04	3.89E-04	3.73E-04	6.30E-04	1.38E-03	1.32E-03
375	387043.93, 3750448.71	2.654	5.829	5.554	1.29E-04	2.84E-04	2.70E-04	1.80E-04	3.94E-04	3.76E-04	6.36E-04	1.40E-03	1.33E-03
376	387043.93, 3750473.71	2.676	5.886	5.602	1.30E-04	2.87E-04	2.73E-04	1.81E-04	3.98E-04	3.79E-04	6.41E-04	1.41E-03	1.34E-03
377	387043.93, 3750498.71	2.708	5.948	5.66	1.32E-04	2.90E-04	2.76E-04	1.83E-04	4.02E-04	3.83E-04	6.49E-04	1.43E-03	1.36E-03
378	387043.93, 3750523.71	2.736	6.006	5.715	1.33E-04	2.92E-04	2.78E-04	1.85E-04	4.06E-04	3.87E-04	6.56E-04	1.44E-03	1.37E-03
379	387043.93, 3750548.71	2.766	6.062	5.77	1.35E-04	2.95E-04	2.81E-04	1.87E-04	4.10E-04	3.90E-04	6.63E-04	1.45E-03	1.38E-03
380	387043.93, 3750573.71	2.797	6.117	5.83	1.36E-04	2.98E-04	2.84E-04	1.89E-04	4.14E-04	3.94E-04	6.70E-04	1.47E-03	1.40E-03
381	387043.93, 3750598.71	2.825	6.172	5.887	1.38E-04	3.01E-04	2.87E-04	1.91E-04	4.18E-04	3.98E-04	6.77E-04	1.48E-03	1.41E-03
382	387043.93, 3750623.71	2.848	6.229	5.94	1.39E-04	3.03E-04	2.89E-04	1.93E-04	4.21E-04	4.02E-04	6.83E-04	1.49E-03	1.42E-03
383	387043.93, 3750648.71	2.878	6.29	6	1.40E-04	3.06E-04	2.92E-04	1.95E-04	4.25E-04	4.06E-04	6.90E-04	1.51E-03	1.44E-03
384	387043.93, 3750673.71	2.906	6.36	6.056	1.41E-04	3.10E-04	2.95E-04	1.97E-04	4.30E-04	4.10E-04	6.96E-04	1.52E-03	1.45E-03
385	387043.93, 3750698.71	2.933	6.426	6.116	1.43E-04	3.13E-04	2.98E-04	1.98E-04	4.35E-04	4.14E-04	7.03E-04	1.54E-03	1.47E-03
386	387043.93, 3750723.71	2.966	6.491	6.18	1.44E-04	3.16E-04	3.01E-04	2.01E-04	4.39E-04	4.18E-04	7.11E-04	1.56E-03	1.48E-03
387	387043.93, 3750748.71	2.997	6.554	6.244	1.46E-04	3.19E-04	3.04E-04	2.03E-04	4.43E-04	4.22E-04	7.18E-04	1.57E-03	1.50E-03
388	387043.93, 3750773.71	3.032	6.616	6.31	1.48E-04	3.22E-04	3.07E-04	2.05E-04	4.48E-04	4.27E-04	7.27E-04	1.59E-03	1.51E-03
389	387043.93, 3750798.71	3.044	6.68	6.357	1.48E-04	3.25E-04	3.10E-04	2.06E-04	4.52E-04	4.30E-04	7.29E-04	1.60E-03	1.52E-03
390	387043.93, 3750823.71	3.08	6.751	6.424	1.50E-04	3.29E-04	3.13E-04	2.08E-04	4.57E-04	4.35E-04	7.38E-04	1.62E-03	1.54E-03
391	387043.93, 3750848.71	3.107	6.82	6.484	1.51E-04	3.32E-04	3.16E-04	2.10E-04	4.61E-04	4.39E-04	7.45E-04	1.63E-03	1.55E-03
392	387043.93, 3750873.71	3.14	6.879	6.552	1.53E-04	3.35E-04	3.19E-04	2.12E-04	4.65E-04	4.43E-04	7.53E-04	1.65E-03	1.57E-03
393	387043.93, 3750898.71	3.192	6.93	6.644	1.55E-04	3.37E-04	3.23E-04	2.16E-04	4.69E-04	4.49E-04	7.65E-04	1.66E-03	1.59E-03
394	387043.93, 3750923.71	3.187	7.013	6.667	1.55E-04	3.41E-04	3.25E-04	2.16E-04	4.74E-04	4.51E-04	7.64E-04	1.68E-03	1.60E-03
395	387043.93, 3750948.71	3.232	7.092	6.746	1.57E-04	3.45E-04	3.28E-04	2.19E-04	4.80E-04	4.56E-04	7.75E-04	1.70E-03	1.62E-03
396	387043.93, 3750973.71	3.26	7.177	6.809	1.59E-04	3.49E-04	3.31E-04	2.21E-04	4.85E-04	4.61E-04	7.81E-04	1.72E-03	1.63E-03
397	387043.93, 3750998.71	3.308	7.249	6.892	1.61E-04	3.53E-04	3.36E-04	2.24E-04	4.90E-04	4.66E-04	7.93E-04	1.74E-03	1.65E-03
398	387043.93, 3751023.71	3.363	7.32	6.982	1.64E-04	3.56E-04	3.40E-04	2.27E-04	4.95E-04	4.72E-04	8.06E-04	1.75E-03	1.67E-03
399	387043.93, 3751048.71	3.385	7.377	7.036	1.65E-04	3.59E-04	3.43E-04	2.29E-04	4.99E-04	4.76E-04	8.11E-04	1.77E-03	1.69E-03
400	387043.93, 3751073.71	3.439	7.472	7.124	1.67E-04	3.64E-04	3.47E-04	2.33E-04	5.05E-04	4.82E-04	8.24E-04	1.79E-03	1.71E-03
401	387043.93, 3751098.71	3.45	7.548	7.165	1.68E-04	3.68E-04	3.49E-04	2.33E-04	5.11E-04	4.85E-04	8.27E-04	1.81E-03	1.72E-03
402	387043.93, 3751123.71	3.481	7.639	7.225	1.70E-04	3.72E-04	3.52E-04	2.35E-04	5.17E-04	4.89E-04	8.34E-04	1.83E-03	1.73E-03
403	387043.93, 3751148.71	3.522	7.727	7.305	1.71E-04	3.76E-04	3.56E-04	2.38E-04	5.23E-04	4.94E-04	8.44E-04	1.85E-03	1.75E-03
404	387043.93, 3751173.71	3.613	7.82	7.453	1.76E-04	3.81E-04	3.63E-04	2.44E-04	5.29E-04	5.04E-04	8.66E-04	1.87E-03	1.79E-03
405	387043.93, 3751198.71	3.623	7.909	7.5	1.76E-04	3.85E-04	3.65E-04	2.45E-04	5.35E-04	5.07E-04	8.68E-04	1.90E-03	1.80E-03

406	387043.93, 3751223.71	3.697	8.013	7.623	1.80E-04	3.90E-04	3.71E-04	2.50E-04	5.42E-04	5.16E-04	8.86E-04	1.92E-03	1.83E-03
407	387043.93, 3751248.71	3.705	8.087	7.675	1.80E-04	3.94E-04	3.74E-04	2.51E-04	5.47E-04	5.19E-04	8.88E-04	1.94E-03	1.84E-03
408	387043.93, 3751273.71	3.76	8.169	7.777	1.83E-04	3.98E-04	3.79E-04	2.54E-04	5.53E-04	5.26E-04	9.01E-04	1.96E-03	1.86E-03
409	387043.93, 3751298.71	3.83	8.256	7.89	1.86E-04	4.02E-04	3.84E-04	2.59E-04	5.58E-04	5.34E-04	9.18E-04	1.98E-03	1.89E-03
410	387043.93, 3751323.71	3.81	8.327	7.884	1.86E-04	4.05E-04	3.84E-04	2.58E-04	5.63E-04	5.33E-04	9.13E-04	2.00E-03	1.89E-03
411	387043.93, 3751348.71	3.868	8.432	7.976	1.88E-04	4.11E-04	3.88E-04	2.62E-04	5.70E-04	5.40E-04	9.27E-04	2.02E-03	1.91E-03
412	387043.93, 3751373.71	3.927	8.537	8.074	1.91E-04	4.16E-04	3.93E-04	2.66E-04	5.77E-04	5.46E-04	9.41E-04	2.05E-03	1.94E-03
413	387043.93, 3751398.71	3.976	8.633	8.16	1.94E-04	4.20E-04	3.97E-04	2.69E-04	5.84E-04	5.52E-04	9.53E-04	2.07E-03	1.96E-03
414	387043.93, 3751423.71	4.024	8.729	8.246	1.96E-04	4.25E-04	4.01E-04	2.72E-04	5.90E-04	5.58E-04	9.64E-04	2.09E-03	1.98E-03
415	387043.93, 3751448.71	4.042	8.806	8.287	1.97E-04	4.29E-04	4.03E-04	2.73E-04	5.96E-04	5.61E-04	9.69E-04	2.11E-03	1.99E-03
416	387043.93, 3751473.71	4.106	8.935	8.405	2.00E-04	4.35E-04	4.09E-04	2.78E-04	6.04E-04	5.69E-04	9.84E-04	2.14E-03	2.01E-03
417	387043.93, 3751498.71	4.173	9.07	8.536	2.03E-04	4.42E-04	4.16E-04	2.82E-04	6.14E-04	5.77E-04	1.00E-03	2.17E-03	2.05E-03
418	387043.93, 3751523.71	4.261	9.227	8.703	2.07E-04	4.49E-04	4.24E-04	2.88E-04	6.24E-04	5.89E-04	1.02E-03	2.21E-03	2.09E-03
419	387043.93, 3751548.71	4.369	9.41	8.905	2.13E-04	4.58E-04	4.34E-04	2.96E-04	6.37E-04	6.02E-04	1.05E-03	2.26E-03	2.13E-03
420	387043.93, 3751573.71	4.419	9.52	9.008	2.15E-04	4.64E-04	4.39E-04	2.99E-04	6.44E-04	6.09E-04	1.06E-03	2.28E-03	2.16E-03
421	387043.93, 3751598.71	4.459	9.607	9.073	2.17E-04	4.68E-04	4.42E-04	3.02E-04	6.50E-04	6.14E-04	1.07E-03	2.30E-03	2.17E-03
422	387043.93, 3751623.71	4.519	9.718	9.177	2.20E-04	4.73E-04	4.47E-04	3.06E-04	6.57E-04	6.21E-04	1.08E-03	2.33E-03	2.20E-03
423	387043.93, 3751648.71	4.557	9.806	9.23	2.22E-04	4.77E-04	4.49E-04	3.08E-04	6.63E-04	6.24E-04	1.09E-03	2.35E-03	2.21E-03
424	387043.93, 3751673.71	4.634	9.949	9.35	2.26E-04	4.84E-04	4.55E-04	3.13E-04	6.73E-04	6.32E-04	1.11E-03	2.38E-03	2.24E-03
425	387043.93, 3751698.71	4.652	10.02	9.355	2.26E-04	4.88E-04	4.55E-04	3.15E-04	6.78E-04	6.33E-04	1.11E-03	2.40E-03	2.24E-03
426	387043.93, 3751723.71	4.731	10.15	9.46	2.30E-04	4.94E-04	4.61E-04	3.20E-04	6.87E-04	6.40E-04	1.13E-03	2.43E-03	2.27E-03
427	387043.93, 3751748.71	4.745	10.19	9.471	2.31E-04	4.96E-04	4.61E-04	3.21E-04	6.89E-04	6.41E-04	1.14E-03	2.44E-03	2.27E-03
428	387043.93, 3751773.71	4.695	10.13	9.359	2.29E-04	4.93E-04	4.56E-04	3.18E-04	6.86E-04	6.33E-04	1.13E-03	2.43E-03	2.24E-03
429	387043.93, 3751798.71	4.615	10.02	9.224	2.25E-04	4.88E-04	4.49E-04	3.12E-04	6.78E-04	6.24E-04	1.11E-03	2.40E-03	2.21E-03
430	387043.93, 3751823.71	4.589	9.936	9.125	2.23E-04	4.84E-04	4.44E-04	3.10E-04	6.72E-04	6.17E-04	1.10E-03	2.38E-03	2.19E-03
431	387043.93, 3751848.71	4.453	9.663	8.776	2.17E-04	4.70E-04	4.27E-04	3.01E-04	6.54E-04	5.94E-04	1.07E-03	2.32E-03	2.10E-03
432	387043.93, 3751873.71	4.265	9.276	8.451	2.08E-04	4.52E-04	4.11E-04	2.88E-04	6.27E-04	5.72E-04	1.02E-03	2.22E-03	2.03E-03
433	387068.93, 3749448.71	1.895	4.085	3.968	9.22E-05	1.99E-04	1.93E-04	1.28E-04	2.76E-04	2.68E-04	4.54E-04	9.79E-04	9.51E-04
434	387068.93, 3749473.71	1.918	4.171	4.023	9.34E-05	2.03E-04	1.96E-04	1.30E-04	2.82E-04	2.72E-04	4.60E-04	1.00E-03	9.64E-04
435	387068.93, 3749498.71	1.943	4.254	4.077	9.46E-05	2.07E-04	1.98E-04	1.31E-04	2.88E-04	2.76E-04	4.66E-04	1.02E-03	9.77E-04
436	387068.93, 3749523.71	1.973	4.312	4.132	9.61E-05	2.10E-04	2.01E-04	1.33E-04	2.92E-04	2.80E-04	4.73E-04	1.03E-03	9.90E-04
437	387068.93, 3749548.71	2.001	4.37	4.185	9.74E-05	2.13E-04	2.04E-04	1.35E-04	2.96E-04	2.83E-04	4.80E-04	1.05E-03	1.00E-03
438	387068.93, 3749573.71	2.03	4.405	4.241	9.88E-05	2.14E-04	2.06E-04	1.37E-04	2.98E-04	2.87E-04	4.87E-04	1.06E-03	1.02E-03
439	387068.93, 3749598.71	2.046	4.505	4.284	9.96E-05	2.19E-04	2.09E-04	1.38E-04	3.05E-04	2.90E-04	4.90E-04	1.08E-03	1.03E-03
440	387068.93, 3749623.71	2.079	4.536	4.338	1.01E-04	2.21E-04	2.11E-04	1.41E-04	3.07E-04	2.93E-04	4.98E-04	1.09E-03	1.04E-03
441	387068.93, 3749648.71	2.108	4.565	4.394	1.03E-04	2.22E-04	2.14E-04	1.43E-04	3.09E-04	2.97E-04	5.05E-04	1.09E-03	1.05E-03
442	387068.93, 3749673.71	2.126	4.645	4.435	1.04E-04	2.26E-04	2.16E-04	1.44E-04	3.14E-04	3.00E-04	5.10E-04	1.11E-03	1.06E-03
443	387068.93, 3749698.71	2.153	4.693	4.485	1.05E-04	2.28E-04	2.18E-04	1.46E-04	3.17E-04	3.03E-04	5.16E-04	1.12E-03	1.08E-03
444	387068.93, 3749723.71	2.177	4.744	4.534	1.06E-04	2.31E-04	2.21E-04	1.47E-04	3.21E-04	3.07E-04	5.22E-04	1.14E-03	1.09E-03
445	387068.93, 3749748.71	2.198	4.796	4.578	1.07E-04	2.33E-04	2.23E-04	1.49E-04	3.24E-04	3.10E-04	5.27E-04	1.15E-03	1.10E-03
446	387068.93, 3749773.71	2.222	4.85	4.625	1.08E-04	2.36E-04	2.25E-04	1.50E-04	3.28E-04	3.13E-04	5.32E-04	1.16E-03	1.11E-03

447	387068.93, 3749798.71	2.246	4.899	4.675	1.09E-04	2.39E-04	2.28E-04	1.52E-04	3.31E-04	3.16E-04	5.38E-04	1.17E-03	1.12E-03
448	387068.93, 3749823.71	2.268	4.956	4.718	1.10E-04	2.41E-04	2.30E-04	1.53E-04	3.35E-04	3.19E-04	5.44E-04	1.19E-03	1.13E-03
449	387068.93, 3749848.71	2.289	5.019	4.761	1.11E-04	2.44E-04	2.32E-04	1.55E-04	3.40E-04	3.22E-04	5.49E-04	1.20E-03	1.14E-03
450	387068.93, 3749873.71	2.311	5.067	4.809	1.13E-04	2.47E-04	2.34E-04	1.56E-04	3.43E-04	3.25E-04	5.54E-04	1.21E-03	1.15E-03
451	387068.93, 3749898.71	2.333	5.113	4.856	1.14E-04	2.49E-04	2.36E-04	1.58E-04	3.46E-04	3.28E-04	5.59E-04	1.23E-03	1.16E-03
452	387068.93, 3749923.71	2.359	5.153	4.91	1.15E-04	2.51E-04	2.39E-04	1.60E-04	3.49E-04	3.32E-04	5.65E-04	1.24E-03	1.18E-03
453	387068.93, 3749948.71	2.379	5.2	4.955	1.16E-04	2.53E-04	2.41E-04	1.61E-04	3.52E-04	3.35E-04	5.70E-04	1.25E-03	1.19E-03
454	387068.93, 3749973.71	2.399	5.253	5	1.17E-04	2.56E-04	2.43E-04	1.62E-04	3.55E-04	3.38E-04	5.75E-04	1.26E-03	1.20E-03
455	387068.93, 3749998.71	2.416	5.322	5.04	1.18E-04	2.59E-04	2.45E-04	1.63E-04	3.60E-04	3.41E-04	5.79E-04	1.28E-03	1.21E-03
456	387068.93, 3750023.71	2.436	5.378	5.087	1.19E-04	2.62E-04	2.48E-04	1.65E-04	3.64E-04	3.44E-04	5.84E-04	1.29E-03	1.22E-03
457	387068.93, 3750048.71	2.455	5.433	5.133	1.20E-04	2.65E-04	2.50E-04	1.66E-04	3.68E-04	3.47E-04	5.88E-04	1.30E-03	1.23E-03
458	387068.93, 3750073.71	2.481	5.485	5.187	1.21E-04	2.67E-04	2.53E-04	1.68E-04	3.71E-04	3.51E-04	5.95E-04	1.31E-03	1.24E-03
459	387068.93, 3750098.71	2.511	5.541	5.245	1.22E-04	2.70E-04	2.55E-04	1.70E-04	3.75E-04	3.55E-04	6.02E-04	1.33E-03	1.26E-03
460	387068.93, 3750123.71	2.536	5.6	5.298	1.23E-04	2.73E-04	2.58E-04	1.72E-04	3.79E-04	3.58E-04	6.08E-04	1.34E-03	1.27E-03
461	387068.93, 3750148.71	2.567	5.653	5.359	1.25E-04	2.75E-04	2.61E-04	1.74E-04	3.82E-04	3.63E-04	6.15E-04	1.36E-03	1.28E-03
462	387068.93, 3750173.71	2.588	5.709	5.409	1.26E-04	2.78E-04	2.63E-04	1.75E-04	3.86E-04	3.66E-04	6.20E-04	1.37E-03	1.30E-03
463	387068.93, 3750198.71	2.617	5.76	5.471	1.27E-04	2.80E-04	2.66E-04	1.77E-04	3.90E-04	3.70E-04	6.27E-04	1.38E-03	1.31E-03
464	387068.93, 3750223.71	2.635	5.815	5.519	1.28E-04	2.83E-04	2.69E-04	1.78E-04	3.93E-04	3.73E-04	6.31E-04	1.39E-03	1.32E-03
465	387068.93, 3750248.71	2.678	5.861	5.598	1.30E-04	2.85E-04	2.73E-04	1.81E-04	3.96E-04	3.79E-04	6.42E-04	1.40E-03	1.34E-03
466	387068.93, 3750273.71	2.7	5.922	5.65	1.31E-04	2.88E-04	2.75E-04	1.83E-04	4.01E-04	3.82E-04	6.47E-04	1.42E-03	1.35E-03
467	387068.93, 3750298.71	2.727	5.978	5.709	1.33E-04	2.91E-04	2.78E-04	1.84E-04	4.04E-04	3.86E-04	6.54E-04	1.43E-03	1.37E-03
468	387068.93, 3750323.71	2.755	6.036	5.767	1.34E-04	2.94E-04	2.81E-04	1.86E-04	4.08E-04	3.90E-04	6.60E-04	1.45E-03	1.38E-03
469	387068.93, 3750348.71	2.779	6.099	5.82	1.35E-04	2.97E-04	2.83E-04	1.88E-04	4.13E-04	3.94E-04	6.66E-04	1.46E-03	1.39E-03
470	387068.93, 3750373.71	2.823	6.142	5.885	1.37E-04	2.99E-04	2.87E-04	1.91E-04	4.15E-04	3.98E-04	6.77E-04	1.47E-03	1.41E-03
471	387068.93, 3750398.71	2.849	6.207	5.954	1.39E-04	3.02E-04	2.90E-04	1.93E-04	4.20E-04	4.03E-04	6.83E-04	1.49E-03	1.43E-03
472	387068.93, 3750423.71	2.862	6.293	5.993	1.39E-04	3.06E-04	2.92E-04	1.94E-04	4.26E-04	4.05E-04	6.86E-04	1.51E-03	1.44E-03
473	387068.93, 3750448.71	2.891	6.362	6.054	1.41E-04	3.10E-04	2.95E-04	1.96E-04	4.30E-04	4.09E-04	6.93E-04	1.52E-03	1.45E-03
474	387068.93, 3750473.71	2.934	6.432	6.127	1.43E-04	3.13E-04	2.98E-04	1.98E-04	4.35E-04	4.14E-04	7.03E-04	1.54E-03	1.47E-03
475	387068.93, 3750498.71	2.951	6.506	6.175	1.44E-04	3.17E-04	3.01E-04	2.00E-04	4.40E-04	4.18E-04	7.07E-04	1.56E-03	1.48E-03
476	387068.93, 3750523.71	2.976	6.579	6.233	1.45E-04	3.20E-04	3.03E-04	2.01E-04	4.45E-04	4.22E-04	7.13E-04	1.58E-03	1.49E-03
477	387068.93, 3750548.71	3.009	6.653	6.299	1.47E-04	3.24E-04	3.07E-04	2.04E-04	4.50E-04	4.26E-04	7.21E-04	1.59E-03	1.51E-03
478	387068.93, 3750573.71	3.059	6.725	6.378	1.49E-04	3.27E-04	3.11E-04	2.07E-04	4.55E-04	4.31E-04	7.33E-04	1.61E-03	1.53E-03
479	387068.93, 3750598.71	3.089	6.792	6.443	1.50E-04	3.31E-04	3.14E-04	2.09E-04	4.59E-04	4.36E-04	7.40E-04	1.63E-03	1.54E-03
480	387068.93, 3750623.71	3.121	6.86	6.512	1.52E-04	3.34E-04	3.17E-04	2.11E-04	4.64E-04	4.41E-04	7.48E-04	1.64E-03	1.56E-03
481	387068.93, 3750648.71	3.153	6.929	6.583	1.54E-04	3.37E-04	3.20E-04	2.13E-04	4.69E-04	4.45E-04	7.56E-04	1.66E-03	1.58E-03
482	387068.93, 3750673.71	3.189	7.005	6.657	1.55E-04	3.41E-04	3.24E-04	2.16E-04	4.74E-04	4.50E-04	7.64E-04	1.68E-03	1.60E-03
483	387068.93, 3750698.71	3.225	7.088	6.733	1.57E-04	3.45E-04	3.28E-04	2.18E-04	4.79E-04	4.55E-04	7.73E-04	1.70E-03	1.61E-03
484	387068.93, 3750723.71	3.261	7.178	6.805	1.59E-04	3.49E-04	3.31E-04	2.21E-04	4.86E-04	4.60E-04	7.82E-04	1.72E-03	1.63E-03
485	387068.93, 3750748.71	3.302	7.249	6.891	1.61E-04	3.53E-04	3.35E-04	2.23E-04	4.90E-04	4.66E-04	7.91E-04	1.74E-03	1.65E-03
486	387068.93, 3750773.71	3.349	7.322	6.976	1.63E-04	3.57E-04	3.40E-04	2.27E-04	4.95E-04	4.72E-04	8.03E-04	1.76E-03	1.67E-03
487	387068.93, 3750798.71	3.375	7.422	7.037	1.64E-04	3.61E-04	3.43E-04	2.28E-04	5.02E-04	4.76E-04	8.09E-04	1.78E-03	1.69E-03

488	387068.93, 3750823.71	3.414	7.51	7.117	1.66E-04	3.66E-04	3.47E-04	2.31E-04	5.08E-04	4.81E-04	8.18E-04	1.80E-03	1.71E-03
489	387068.93, 3750848.71	3.451	7.593	7.192	1.68E-04	3.70E-04	3.50E-04	2.33E-04	5.14E-04	4.86E-04	8.27E-04	1.82E-03	1.72E-03
490	387068.93, 3750873.71	3.495	7.671	7.28	1.70E-04	3.73E-04	3.54E-04	2.36E-04	5.19E-04	4.92E-04	8.38E-04	1.84E-03	1.74E-03
491	387068.93, 3750898.71	3.575	7.73	7.358	1.74E-04	3.76E-04	3.58E-04	2.42E-04	5.23E-04	4.98E-04	8.57E-04	1.85E-03	1.76E-03
492	387068.93, 3750923.71	3.584	7.817	7.472	1.74E-04	3.81E-04	3.64E-04	2.42E-04	5.29E-04	5.05E-04	8.59E-04	1.87E-03	1.79E-03
493	387068.93, 3750948.71	3.627	7.943	7.554	1.77E-04	3.87E-04	3.68E-04	2.45E-04	5.37E-04	5.11E-04	8.69E-04	1.90E-03	1.81E-03
494	387068.93, 3750973.71	3.681	8.055	7.654	1.79E-04	3.92E-04	3.73E-04	2.49E-04	5.45E-04	5.18E-04	8.82E-04	1.93E-03	1.83E-03
495	387068.93, 3750998.71	3.73	8.15	7.751	1.82E-04	3.97E-04	3.77E-04	2.52E-04	5.51E-04	5.24E-04	8.94E-04	1.95E-03	1.86E-03
496	387068.93, 3751023.71	3.77	8.228	7.84	1.84E-04	4.01E-04	3.82E-04	2.55E-04	5.57E-04	5.30E-04	9.04E-04	1.97E-03	1.88E-03
497	387068.93, 3751048.71	3.819	8.314	7.933	1.86E-04	4.05E-04	3.86E-04	2.58E-04	5.62E-04	5.37E-04	9.15E-04	1.99E-03	1.90E-03
498	387068.93, 3751073.71	3.887	8.429	8.039	1.89E-04	4.10E-04	3.91E-04	2.63E-04	5.70E-04	5.44E-04	9.32E-04	2.02E-03	1.93E-03
499	387068.93, 3751098.71	3.922	8.544	8.116	1.91E-04	4.16E-04	3.95E-04	2.65E-04	5.78E-04	5.49E-04	9.40E-04	2.05E-03	1.95E-03
500	387068.93, 3751123.71	3.962	8.656	8.193	1.93E-04	4.21E-04	3.99E-04	2.68E-04	5.86E-04	5.54E-04	9.50E-04	2.07E-03	1.96E-03
501	387068.93, 3751148.71	4.022	8.778	8.306	1.96E-04	4.27E-04	4.04E-04	2.72E-04	5.94E-04	5.62E-04	9.64E-04	2.10E-03	1.99E-03
502	387068.93, 3751173.71	4.125	8.922	8.477	2.01E-04	4.34E-04	4.13E-04	2.79E-04	6.04E-04	5.73E-04	9.89E-04	2.14E-03	2.03E-03
503	387068.93, 3751198.71	4.145	9.033	8.559	2.02E-04	4.40E-04	4.17E-04	2.80E-04	6.11E-04	5.79E-04	9.93E-04	2.16E-03	2.05E-03
504	387068.93, 3751223.71	4.25	9.184	8.708	2.07E-04	4.47E-04	4.24E-04	2.87E-04	6.21E-04	5.89E-04	1.02E-03	2.20E-03	2.09E-03
505	387068.93, 3751248.71	4.314	9.312	8.843	2.10E-04	4.53E-04	4.31E-04	2.92E-04	6.30E-04	5.98E-04	1.03E-03	2.23E-03	2.12E-03
506	387068.93, 3751273.71	4.363	9.426	8.973	2.12E-04	4.59E-04	4.37E-04	2.95E-04	6.38E-04	6.07E-04	1.05E-03	2.26E-03	2.15E-03
507	387068.93, 3751298.71	4.452	9.592	9.123	2.17E-04	4.67E-04	4.44E-04	3.01E-04	6.49E-04	6.17E-04	1.07E-03	2.30E-03	2.19E-03
508	387068.93, 3751323.71	4.471	9.684	9.207	2.18E-04	4.71E-04	4.48E-04	3.02E-04	6.55E-04	6.23E-04	1.07E-03	2.32E-03	2.21E-03
509	387068.93, 3751348.71	4.533	9.821	9.297	2.21E-04	4.78E-04	4.53E-04	3.07E-04	6.64E-04	6.29E-04	1.09E-03	2.35E-03	2.23E-03
510	387068.93, 3751373.71	4.602	9.985	9.422	2.24E-04	4.86E-04	4.59E-04	3.11E-04	6.75E-04	6.37E-04	1.10E-03	2.39E-03	2.26E-03
511	387068.93, 3751398.71	4.678	10.16	9.557	2.28E-04	4.94E-04	4.65E-04	3.16E-04	6.87E-04	6.46E-04	1.12E-03	2.43E-03	2.29E-03
512	387068.93, 3751423.71	4.749	10.32	9.701	2.31E-04	5.03E-04	4.72E-04	3.21E-04	6.98E-04	6.56E-04	1.14E-03	2.47E-03	2.33E-03
513	387068.93, 3751448.71	4.79	10.46	9.781	2.33E-04	5.09E-04	4.76E-04	3.24E-04	7.07E-04	6.62E-04	1.15E-03	2.51E-03	2.34E-03
514	387068.93, 3751473.71	4.892	10.67	9.952	2.38E-04	5.19E-04	4.85E-04	3.31E-04	7.22E-04	6.73E-04	1.17E-03	2.56E-03	2.39E-03
515	387068.93, 3751498.71	4.993	10.89	10.16	2.43E-04	5.30E-04	4.95E-04	3.38E-04	7.36E-04	6.87E-04	1.20E-03	2.61E-03	2.43E-03
516	387068.93, 3751523.71	5.19	11.22	10.53	2.53E-04	5.46E-04	5.12E-04	3.51E-04	7.59E-04	7.12E-04	1.24E-03	2.69E-03	2.52E-03
517	387068.93, 3751548.71	5.271	11.41	10.71	2.57E-04	5.55E-04	5.21E-04	3.57E-04	7.72E-04	7.24E-04	1.26E-03	2.73E-03	2.57E-03
518	387068.93, 3751573.71	5.398	11.66	10.97	2.63E-04	5.68E-04	5.34E-04	3.65E-04	7.89E-04	7.42E-04	1.29E-03	2.79E-03	2.63E-03
519	387068.93, 3751598.71	5.501	11.86	11.14	2.68E-04	5.77E-04	5.42E-04	3.72E-04	8.02E-04	7.54E-04	1.32E-03	2.84E-03	2.67E-03
520	387068.93, 3751623.71	5.6	12.07	11.3	2.73E-04	5.87E-04	5.50E-04	3.79E-04	8.16E-04	7.65E-04	1.34E-03	2.89E-03	2.71E-03
521	387068.93, 3751648.71	5.703	12.29	11.49	2.78E-04	5.98E-04	5.60E-04	3.86E-04	8.31E-04	7.78E-04	1.37E-03	2.95E-03	2.76E-03
522	387068.93, 3751673.71	5.82	12.55	11.69	2.83E-04	6.11E-04	5.69E-04	3.94E-04	8.49E-04	7.91E-04	1.40E-03	3.01E-03	2.80E-03
523	387068.93, 3751698.71	5.876	12.73	11.77	2.86E-04	6.20E-04	5.73E-04	3.98E-04	8.61E-04	7.96E-04	1.41E-03	3.05E-03	2.82E-03
524	387068.93, 3751723.71	5.943	12.91	11.86	2.89E-04	6.28E-04	5.78E-04	4.02E-04	8.73E-04	8.02E-04	1.42E-03	3.09E-03	2.84E-03
525	387068.93, 3751748.71	6.039	13.13	12	2.94E-04	6.39E-04	5.84E-04	4.09E-04	8.88E-04	8.12E-04	1.45E-03	3.15E-03	2.88E-03
526	387068.93, 3751773.71	6.065	13.23	12.07	2.95E-04	6.44E-04	5.88E-04	4.10E-04	8.95E-04	8.16E-04	1.45E-03	3.17E-03	2.89E-03
527	387068.93, 3751798.71	6.081	13.32	12.13	2.96E-04	6.49E-04	5.91E-04	4.11E-04	9.01E-04	8.21E-04	1.46E-03	3.19E-03	2.91E-03
528	387068.93, 3751823.71	6.069	13.33	12.04	2.96E-04	6.49E-04	5.86E-04	4.11E-04	9.02E-04	8.15E-04	1.45E-03	3.19E-03	2.89E-03

529	387068.93, 3751848.71	5.985	13.16	11.85	2.91E-04	6.41E-04	5.77E-04	4.05E-04	8.90E-04	8.02E-04	1.43E-03	3.15E-03	2.84E-03
530	387068.93, 3751873.71	5.828	12.88	11.53	2.84E-04	6.27E-04	5.62E-04	3.94E-04	8.71E-04	7.80E-04	1.40E-03	3.09E-03	2.76E-03
531	387093.93, 3749198.71	1.692	3.669	3.425	8.24E-05	1.79E-04	1.67E-04	1.14E-04	2.48E-04	2.32E-04	4.05E-04	8.79E-04	8.21E-04
532	387093.93, 3749223.71	1.734	3.734	3.5	8.44E-05	1.82E-04	1.70E-04	1.17E-04	2.53E-04	2.37E-04	4.16E-04	8.95E-04	8.39E-04
533	387093.93, 3749248.71	1.771	3.818	3.592	8.62E-05	1.86E-04	1.75E-04	1.20E-04	2.58E-04	2.43E-04	4.24E-04	9.15E-04	8.61E-04
534	387093.93, 3749273.71	1.807	3.891	3.675	8.80E-05	1.89E-04	1.79E-04	1.22E-04	2.63E-04	2.49E-04	4.33E-04	9.33E-04	8.81E-04
535	387093.93, 3749298.71	1.842	3.97	3.763	8.97E-05	1.93E-04	1.83E-04	1.25E-04	2.69E-04	2.55E-04	4.41E-04	9.51E-04	9.02E-04
536	387093.93, 3749323.71	1.876	4.039	3.844	9.13E-05	1.97E-04	1.87E-04	1.27E-04	2.73E-04	2.60E-04	4.50E-04	9.68E-04	9.21E-04
537	387093.93, 3749348.71	1.915	4.092	3.898	9.33E-05	1.99E-04	1.90E-04	1.30E-04	2.77E-04	2.64E-04	4.59E-04	9.81E-04	9.34E-04
538	387093.93, 3749373.71	1.959	4.129	3.952	9.54E-05	2.01E-04	1.92E-04	1.33E-04	2.79E-04	2.67E-04	4.70E-04	9.90E-04	9.47E-04
539	387093.93, 3749398.71	1.991	4.196	4.017	9.69E-05	2.04E-04	1.96E-04	1.35E-04	2.84E-04	2.72E-04	4.77E-04	1.01E-03	9.63E-04
540	387093.93, 3749423.71	2.02	4.272	4.075	9.83E-05	2.08E-04	1.98E-04	1.37E-04	2.89E-04	2.76E-04	4.84E-04	1.02E-03	9.77E-04
541	387093.93, 3749448.71	2.047	4.376	4.203	9.97E-05	2.13E-04	2.05E-04	1.38E-04	2.96E-04	2.84E-04	4.91E-04	1.05E-03	1.01E-03
542	387093.93, 3749473.71	2.07	4.463	4.324	1.01E-04	2.17E-04	2.11E-04	1.40E-04	3.02E-04	2.93E-04	4.96E-04	1.07E-03	1.04E-03
543	387093.93, 3749498.71	2.101	4.534	4.387	1.02E-04	2.21E-04	2.14E-04	1.42E-04	3.07E-04	2.97E-04	5.04E-04	1.09E-03	1.05E-03
544	387093.93, 3749523.71	2.133	4.596	4.448	1.04E-04	2.24E-04	2.17E-04	1.44E-04	3.11E-04	3.01E-04	5.11E-04	1.10E-03	1.07E-03
545	387093.93, 3749548.71	2.16	4.671	4.505	1.05E-04	2.27E-04	2.19E-04	1.46E-04	3.16E-04	3.05E-04	5.18E-04	1.12E-03	1.08E-03
546	387093.93, 3749573.71	2.185	4.769	4.557	1.06E-04	2.32E-04	2.22E-04	1.48E-04	3.23E-04	3.08E-04	5.24E-04	1.14E-03	1.09E-03
547	387093.93, 3749598.71	2.21	4.838	4.611	1.08E-04	2.36E-04	2.25E-04	1.50E-04	3.27E-04	3.12E-04	5.30E-04	1.16E-03	1.11E-03
548	387093.93, 3749623.71	2.244	4.883	4.67	1.09E-04	2.38E-04	2.27E-04	1.52E-04	3.30E-04	3.16E-04	5.38E-04	1.17E-03	1.12E-03
549	387093.93, 3749648.71	2.274	4.907	4.733	1.11E-04	2.39E-04	2.30E-04	1.54E-04	3.32E-04	3.20E-04	5.45E-04	1.18E-03	1.13E-03
550	387093.93, 3749673.71	2.297	4.996	4.78	1.12E-04	2.43E-04	2.33E-04	1.55E-04	3.38E-04	3.23E-04	5.51E-04	1.20E-03	1.15E-03
551	387093.93, 3749698.71	2.319	5.062	4.828	1.13E-04	2.46E-04	2.35E-04	1.57E-04	3.42E-04	3.27E-04	5.56E-04	1.21E-03	1.16E-03
552	387093.93, 3749723.71	2.345	5.116	4.881	1.14E-04	2.49E-04	2.38E-04	1.59E-04	3.46E-04	3.30E-04	5.62E-04	1.23E-03	1.17E-03
553	387093.93, 3749748.71	2.373	5.172	4.935	1.16E-04	2.52E-04	2.40E-04	1.60E-04	3.50E-04	3.34E-04	5.69E-04	1.24E-03	1.18E-03
554	387093.93, 3749773.71	2.398	5.234	4.986	1.17E-04	2.55E-04	2.43E-04	1.62E-04	3.54E-04	3.37E-04	5.75E-04	1.25E-03	1.20E-03
555	387093.93, 3749798.71	2.423	5.307	5.035	1.18E-04	2.58E-04	2.45E-04	1.64E-04	3.59E-04	3.41E-04	5.81E-04	1.27E-03	1.21E-03
556	387093.93, 3749823.71	2.439	5.376	5.076	1.19E-04	2.62E-04	2.47E-04	1.65E-04	3.64E-04	3.43E-04	5.85E-04	1.29E-03	1.22E-03
557	387093.93, 3749848.71	2.457	5.431	5.123	1.20E-04	2.64E-04	2.49E-04	1.66E-04	3.67E-04	3.47E-04	5.89E-04	1.30E-03	1.23E-03
558	387093.93, 3749873.71	2.483	5.48	5.177	1.21E-04	2.67E-04	2.52E-04	1.68E-04	3.71E-04	3.50E-04	5.95E-04	1.31E-03	1.24E-03
559	387093.93, 3749898.71	2.513	5.53	5.234	1.22E-04	2.69E-04	2.55E-04	1.70E-04	3.74E-04	3.54E-04	6.02E-04	1.33E-03	1.25E-03
560	387093.93, 3749923.71	2.554	5.573	5.309	1.24E-04	2.71E-04	2.58E-04	1.73E-04	3.77E-04	3.59E-04	6.12E-04	1.34E-03	1.27E-03
561	387093.93, 3749948.71	2.564	5.634	5.344	1.25E-04	2.74E-04	2.60E-04	1.73E-04	3.81E-04	3.61E-04	6.15E-04	1.35E-03	1.28E-03
562	387093.93, 3749973.71	2.59	5.698	5.399	1.26E-04	2.77E-04	2.63E-04	1.75E-04	3.85E-04	3.65E-04	6.21E-04	1.37E-03	1.29E-03
563	387093.93, 3749998.71	2.608	5.766	5.447	1.27E-04	2.81E-04	2.65E-04	1.76E-04	3.90E-04	3.68E-04	6.25E-04	1.38E-03	1.31E-03
564	387093.93, 3750023.71	2.639	5.825	5.508	1.28E-04	2.84E-04	2.68E-04	1.79E-04	3.94E-04	3.73E-04	6.33E-04	1.40E-03	1.32E-03
565	387093.93, 3750048.71	2.653	5.895	5.553	1.29E-04	2.87E-04	2.70E-04	1.79E-04	3.99E-04	3.76E-04	6.36E-04	1.41E-03	1.33E-03
566	387093.93, 3750073.71	2.684	5.957	5.617	1.31E-04	2.90E-04	2.73E-04	1.82E-04	4.03E-04	3.80E-04	6.43E-04	1.43E-03	1.35E-03
567	387093.93, 3750098.71	2.715	6.024	5.68	1.32E-04	2.93E-04	2.77E-04	1.84E-04	4.07E-04	3.84E-04	6.51E-04	1.44E-03	1.36E-03
568	387093.93, 3750123.71	2.745	6.094	5.743	1.34E-04	2.97E-04	2.80E-04	1.86E-04	4.12E-04	3.88E-04	6.58E-04	1.46E-03	1.38E-03
569	387093.93, 3750148.71	2.799	6.145	5.834	1.36E-04	2.99E-04	2.84E-04	1.89E-04	4.16E-04	3.95E-04	6.71E-04	1.47E-03	1.40E-03

570	387093.93, 3750173.71	2.811	6.22	5.878	1.37E-04	3.03E-04	2.86E-04	1.90E-04	4.21E-04	3.98E-04	6.74E-04	1.49E-03	1.41E-03
571	387093.93, 3750198.71	2.846	6.276	5.951	1.39E-04	3.06E-04	2.90E-04	1.93E-04	4.25E-04	4.03E-04	6.82E-04	1.50E-03	1.43E-03
572	387093.93, 3750223.71	2.873	6.346	6.013	1.40E-04	3.09E-04	2.93E-04	1.94E-04	4.29E-04	4.07E-04	6.89E-04	1.52E-03	1.44E-03
573	387093.93, 3750248.71	2.926	6.4	6.105	1.42E-04	3.12E-04	2.97E-04	1.98E-04	4.33E-04	4.13E-04	7.01E-04	1.53E-03	1.46E-03
574	387093.93, 3750273.71	2.941	6.473	6.158	1.43E-04	3.15E-04	3.00E-04	1.99E-04	4.38E-04	4.17E-04	7.05E-04	1.55E-03	1.48E-03
575	387093.93, 3750298.71	2.99	6.538	6.241	1.46E-04	3.18E-04	3.04E-04	2.02E-04	4.42E-04	4.22E-04	7.17E-04	1.57E-03	1.50E-03
576	387093.93, 3750323.71	3.024	6.607	6.31	1.47E-04	3.22E-04	3.07E-04	2.05E-04	4.47E-04	4.27E-04	7.25E-04	1.58E-03	1.51E-03
577	387093.93, 3750348.71	3.062	6.674	6.376	1.49E-04	3.25E-04	3.10E-04	2.07E-04	4.51E-04	4.31E-04	7.34E-04	1.60E-03	1.53E-03
578	387093.93, 3750373.71	3.108	6.74	6.419	1.51E-04	3.28E-04	3.13E-04	2.10E-04	4.56E-04	4.34E-04	7.45E-04	1.62E-03	1.54E-03
579	387093.93, 3750398.71	3.137	6.816	6.509	1.53E-04	3.32E-04	3.17E-04	2.12E-04	4.61E-04	4.40E-04	7.52E-04	1.63E-03	1.56E-03
580	387093.93, 3750423.71	3.168	6.901	6.59	1.54E-04	3.36E-04	3.21E-04	2.14E-04	4.67E-04	4.46E-04	7.59E-04	1.65E-03	1.58E-03
581	387093.93, 3750448.71	3.19	6.998	6.663	1.55E-04	3.41E-04	3.24E-04	2.16E-04	4.73E-04	4.51E-04	7.65E-04	1.68E-03	1.60E-03
582	387093.93, 3750473.71	3.244	7.084	6.754	1.58E-04	3.45E-04	3.29E-04	2.19E-04	4.79E-04	4.57E-04	7.77E-04	1.70E-03	1.62E-03
583	387093.93, 3750498.71	3.268	7.174	6.818	1.59E-04	3.49E-04	3.32E-04	2.21E-04	4.85E-04	4.61E-04	7.83E-04	1.72E-03	1.63E-03
584	387093.93, 3750523.71	3.295	7.262	6.884	1.60E-04	3.54E-04	3.35E-04	2.23E-04	4.91E-04	4.66E-04	7.90E-04	1.74E-03	1.65E-03
585	387093.93, 3750548.71	3.326	7.347	6.948	1.62E-04	3.58E-04	3.38E-04	2.25E-04	4.97E-04	4.70E-04	7.97E-04	1.76E-03	1.67E-03
586	387093.93, 3750573.71	3.36	7.431	7.025	1.64E-04	3.62E-04	3.42E-04	2.27E-04	5.03E-04	4.75E-04	8.05E-04	1.78E-03	1.68E-03
587	387093.93, 3750598.71	3.402	7.519	7.108	1.66E-04	3.66E-04	3.46E-04	2.30E-04	5.09E-04	4.81E-04	8.15E-04	1.80E-03	1.70E-03
588	387093.93, 3750623.71	3.444	7.612	7.194	1.68E-04	3.71E-04	3.50E-04	2.33E-04	5.15E-04	4.87E-04	8.25E-04	1.82E-03	1.72E-03
589	387093.93, 3750648.71	3.489	7.706	7.284	1.70E-04	3.75E-04	3.55E-04	2.36E-04	5.21E-04	4.93E-04	8.36E-04	1.85E-03	1.75E-03
590	387093.93, 3750673.71	3.534	7.804	7.377	1.72E-04	3.80E-04	3.59E-04	2.39E-04	5.28E-04	4.99E-04	8.47E-04	1.87E-03	1.77E-03
591	387093.93, 3750698.71	3.577	7.906	7.471	1.74E-04	3.85E-04	3.64E-04	2.42E-04	5.35E-04	5.05E-04	8.57E-04	1.90E-03	1.79E-03
592	387093.93, 3750723.71	3.631	8.007	7.574	1.77E-04	3.90E-04	3.69E-04	2.46E-04	5.42E-04	5.12E-04	8.70E-04	1.92E-03	1.82E-03
593	387093.93, 3750748.71	3.686	8.107	7.678	1.79E-04	3.95E-04	3.74E-04	2.49E-04	5.48E-04	5.19E-04	8.83E-04	1.94E-03	1.84E-03
594	387093.93, 3750773.71	3.766	8.203	7.783	1.83E-04	3.99E-04	3.79E-04	2.55E-04	5.55E-04	5.26E-04	9.03E-04	1.97E-03	1.87E-03
595	387093.93, 3750798.71	3.798	8.326	7.885	1.85E-04	4.05E-04	3.84E-04	2.57E-04	5.63E-04	5.33E-04	9.10E-04	2.00E-03	1.89E-03
596	387093.93, 3750823.71	3.86	8.444	7.975	1.88E-04	4.11E-04	3.88E-04	2.61E-04	5.71E-04	5.39E-04	9.25E-04	2.02E-03	1.91E-03
597	387093.93, 3750848.71	3.903	8.55	8.087	1.90E-04	4.16E-04	3.94E-04	2.64E-04	5.78E-04	5.47E-04	9.35E-04	2.05E-03	1.94E-03
598	387093.93, 3750873.71	3.964	8.655	8.187	1.93E-04	4.21E-04	3.99E-04	2.68E-04	5.85E-04	5.54E-04	9.50E-04	2.07E-03	1.96E-03
599	387093.93, 3750898.71	4.073	8.742	8.246	1.98E-04	4.26E-04	4.01E-04	2.76E-04	5.91E-04	5.58E-04	9.76E-04	2.10E-03	1.98E-03
600	387093.93, 3750923.71	4.059	8.871	8.396	1.98E-04	4.32E-04	4.09E-04	2.75E-04	6.00E-04	5.68E-04	9.73E-04	2.13E-03	2.01E-03
601	387093.93, 3750948.71	4.134	9.025	8.521	2.01E-04	4.39E-04	4.15E-04	2.80E-04	6.10E-04	5.76E-04	9.91E-04	2.16E-03	2.04E-03
602	387093.93, 3750973.71	4.205	9.178	8.655	2.05E-04	4.47E-04	4.21E-04	2.84E-04	6.21E-04	5.85E-04	1.01E-03	2.20E-03	2.07E-03
603	387093.93, 3750998.71	4.277	9.307	8.793	2.08E-04	4.53E-04	4.28E-04	2.89E-04	6.30E-04	5.95E-04	1.03E-03	2.23E-03	2.11E-03
604	387093.93, 3751023.71	4.352	9.416	8.931	2.12E-04	4.58E-04	4.35E-04	2.94E-04	6.37E-04	6.04E-04	1.04E-03	2.26E-03	2.14E-03
605	387093.93, 3751048.71	4.432	9.541	9.08	2.16E-04	4.65E-04	4.42E-04	3.00E-04	6.45E-04	6.14E-04	1.06E-03	2.29E-03	2.18E-03
606	387093.93, 3751073.71	4.507	9.7	9.219	2.19E-04	4.72E-04	4.49E-04	3.05E-04	6.56E-04	6.24E-04	1.08E-03	2.32E-03	2.21E-03
607	387093.93, 3751098.71	4.574	9.855	9.343	2.23E-04	4.80E-04	4.55E-04	3.09E-04	6.67E-04	6.32E-04	1.10E-03	2.36E-03	2.24E-03
608	387093.93, 3751123.71	4.579	9.968	9.415	2.23E-04	4.85E-04	4.58E-04	3.10E-04	6.74E-04	6.37E-04	1.10E-03	2.39E-03	2.26E-03
609	387093.93, 3751148.71	4.674	10.15	9.538	2.28E-04	4.94E-04	4.64E-04	3.16E-04	6.86E-04	6.45E-04	1.12E-03	2.43E-03	2.29E-03
610	387093.93, 3751173.71	4.803	10.39	9.765	2.34E-04	5.06E-04	4.75E-04	3.25E-04	7.03E-04	6.61E-04	1.15E-03	2.49E-03	2.34E-03

611	387093.93, 3751198.71	4.858	10.54	9.879	2.37E-04	5.13E-04	4.81E-04	3.29E-04	7.13E-04	6.68E-04	1.16E-03	2.53E-03	2.37E-03
612	387093.93, 3751223.71	4.992	10.8	10.14	2.43E-04	5.26E-04	4.94E-04	3.38E-04	7.30E-04	6.86E-04	1.20E-03	2.59E-03	2.43E-03
613	387093.93, 3751248.71	5.095	11.01	10.35	2.48E-04	5.36E-04	5.04E-04	3.45E-04	7.45E-04	7.00E-04	1.22E-03	2.64E-03	2.48E-03
614	387093.93, 3751273.71	5.201	11.23	10.57	2.53E-04	5.47E-04	5.15E-04	3.52E-04	7.60E-04	7.15E-04	1.25E-03	2.69E-03	2.53E-03
615	387093.93, 3751298.71	5.314	11.48	10.81	2.59E-04	5.59E-04	5.26E-04	3.59E-04	7.76E-04	7.31E-04	1.27E-03	2.75E-03	2.59E-03
616	387093.93, 3751323.71	5.39	11.67	10.97	2.62E-04	5.68E-04	5.34E-04	3.65E-04	7.90E-04	7.42E-04	1.29E-03	2.80E-03	2.63E-03
617	387093.93, 3751348.71	5.5	11.92	11.18	2.68E-04	5.80E-04	5.45E-04	3.72E-04	8.06E-04	7.57E-04	1.32E-03	2.86E-03	2.68E-03
618	387093.93, 3751373.71	5.613	12.17	11.42	2.73E-04	5.93E-04	5.56E-04	3.80E-04	8.23E-04	7.72E-04	1.35E-03	2.92E-03	2.74E-03
619	387093.93, 3751398.71	5.753	12.47	11.68	2.80E-04	6.07E-04	5.69E-04	3.89E-04	8.43E-04	7.90E-04	1.38E-03	2.99E-03	2.80E-03
620	387093.93, 3751423.71	5.815	12.68	11.82	2.83E-04	6.17E-04	5.75E-04	3.93E-04	8.57E-04	7.99E-04	1.39E-03	3.04E-03	2.83E-03
621	387093.93, 3751448.71	5.865	12.86	11.93	2.86E-04	6.26E-04	5.81E-04	3.97E-04	8.70E-04	8.07E-04	1.41E-03	3.08E-03	2.86E-03
622	387093.93, 3751473.71	6.037	13.24	12.24	2.94E-04	6.45E-04	5.96E-04	4.08E-04	8.95E-04	8.28E-04	1.45E-03	3.17E-03	2.93E-03
623	387093.93, 3751498.71	6.225	13.64	12.6	3.03E-04	6.64E-04	6.13E-04	4.21E-04	9.23E-04	8.52E-04	1.49E-03	3.27E-03	3.02E-03
624	387093.93, 3751523.71	6.6	14.29	13.3	3.21E-04	6.96E-04	6.47E-04	4.46E-04	9.67E-04	8.99E-04	1.58E-03	3.43E-03	3.19E-03
625	387093.93, 3751548.71	6.741	14.64	13.57	3.28E-04	7.13E-04	6.61E-04	4.56E-04	9.90E-04	9.18E-04	1.62E-03	3.51E-03	3.25E-03
626	387093.93, 3751573.71	6.934	15.05	13.96	3.38E-04	7.33E-04	6.80E-04	4.69E-04	1.02E-03	9.45E-04	1.66E-03	3.61E-03	3.35E-03
627	387093.93, 3751598.71	7.094	15.42	14.23	3.45E-04	7.51E-04	6.93E-04	4.80E-04	1.04E-03	9.63E-04	1.70E-03	3.70E-03	3.41E-03
628	387093.93, 3751623.71	7.282	15.84	14.56	3.55E-04	7.71E-04	7.09E-04	4.93E-04	1.07E-03	9.85E-04	1.75E-03	3.80E-03	3.49E-03
629	387093.93, 3751648.71	7.454	16.25	14.88	3.63E-04	7.91E-04	7.25E-04	5.04E-04	1.10E-03	1.01E-03	1.79E-03	3.89E-03	3.57E-03
630	387093.93, 3751673.71	7.69	16.85	15.35	3.74E-04	8.20E-04	7.47E-04	5.20E-04	1.14E-03	1.04E-03	1.84E-03	4.04E-03	3.68E-03
631	387093.93, 3751698.71	7.799	17.19	15.52	3.80E-04	8.37E-04	7.55E-04	5.28E-04	1.16E-03	1.05E-03	1.87E-03	4.12E-03	3.72E-03
632	387093.93, 3751723.71	7.982	17.67	15.8	3.89E-04	8.60E-04	7.69E-04	5.40E-04	1.19E-03	1.07E-03	1.91E-03	4.23E-03	3.79E-03
633	387093.93, 3751748.71	8.279	18.39	16.31	4.03E-04	8.95E-04	7.94E-04	5.60E-04	1.24E-03	1.10E-03	1.98E-03	4.41E-03	3.91E-03
634	387093.93, 3751773.71	8.482	18.86	16.63	4.13E-04	9.18E-04	8.10E-04	5.74E-04	1.28E-03	1.13E-03	2.03E-03	4.52E-03	3.99E-03
635	387093.93, 3751798.71	8.772	19.63	17.31	4.27E-04	9.56E-04	8.43E-04	5.93E-04	1.33E-03	1.17E-03	2.10E-03	4.70E-03	4.15E-03
636	387093.93, 3751823.71	9.035	20.26	17.77	4.40E-04	9.87E-04	8.65E-04	6.11E-04	1.37E-03	1.20E-03	2.17E-03	4.86E-03	4.26E-03
637	387093.93, 3751848.71	9.06	20.4	17.85	4.41E-04	9.93E-04	8.69E-04	6.13E-04	1.38E-03	1.21E-03	2.17E-03	4.89E-03	4.28E-03
638	387093.93, 3751873.71	8.954	20.53	17.69	4.36E-04	9.99E-04	8.61E-04	6.06E-04	1.39E-03	1.20E-03	2.15E-03	4.92E-03	4.24E-03
639	387118.93, 3748973.71	1.3	3.553	3.05	6.33E-05	1.73E-04	1.48E-04	8.80E-05	2.40E-04	2.06E-04	3.12E-04	8.52E-04	7.31E-04
640	387118.93, 3748998.71	1.382	3.294	2.965	6.73E-05	1.60E-04	1.44E-04	9.35E-05	2.23E-04	2.01E-04	3.31E-04	7.90E-04	7.11E-04
641	387118.93, 3749023.71	1.465	3.224	3.006	7.13E-05	1.57E-04	1.46E-04	9.91E-05	2.18E-04	2.03E-04	3.51E-04	7.73E-04	7.21E-04
642	387118.93, 3749048.71	1.532	3.301	3.119	7.46E-05	1.61E-04	1.52E-04	1.04E-04	2.23E-04	2.11E-04	3.67E-04	7.91E-04	7.47E-04
643	387118.93, 3749073.71	1.592	3.407	3.227	7.75E-05	1.66E-04	1.57E-04	1.08E-04	2.30E-04	2.18E-04	3.82E-04	8.17E-04	7.73E-04
644	387118.93, 3749098.71	1.641	3.525	3.317	7.99E-05	1.72E-04	1.61E-04	1.11E-04	2.38E-04	2.24E-04	3.93E-04	8.45E-04	7.95E-04
645	387118.93, 3749123.71	1.688	3.651	3.406	8.22E-05	1.78E-04	1.66E-04	1.14E-04	2.47E-04	2.30E-04	4.05E-04	8.75E-04	8.16E-04
646	387118.93, 3749148.71	1.737	3.754	3.499	8.46E-05	1.83E-04	1.70E-04	1.17E-04	2.54E-04	2.37E-04	4.16E-04	9.00E-04	8.39E-04
647	387118.93, 3749173.71	1.786	3.836	3.595	8.69E-05	1.87E-04	1.75E-04	1.21E-04	2.60E-04	2.43E-04	4.28E-04	9.20E-04	8.62E-04
648	387118.93, 3749198.71	1.829	3.935	3.68	8.91E-05	1.92E-04	1.79E-04	1.24E-04	2.66E-04	2.49E-04	4.38E-04	9.43E-04	8.82E-04
649	387118.93, 3749223.71	1.867	4.039	3.761	9.09E-05	1.97E-04	1.83E-04	1.26E-04	2.73E-04	2.54E-04	4.48E-04	9.68E-04	9.01E-04
650	387118.93, 3749248.71	1.908	4.132	3.861	9.29E-05	2.01E-04	1.88E-04	1.29E-04	2.80E-04	2.61E-04	4.57E-04	9.90E-04	9.25E-04
651	387118.93, 3749273.71	1.948	4.205	3.946	9.49E-05	2.05E-04	1.92E-04	1.32E-04	2.84E-04	2.67E-04	4.67E-04	1.01E-03	9.46E-04

652	387118.93, 3749298.71	1.99	4.278	4.024	9.69E-05	2.08E-04	1.96E-04	1.35E-04	2.89E-04	2.72E-04	4.77E-04	1.03E-03	9.64E-04
653	387118.93, 3749323.71	2.028	4.35	4.108	9.88E-05	2.12E-04	2.00E-04	1.37E-04	2.94E-04	2.78E-04	4.86E-04	1.04E-03	9.85E-04
654	387118.93, 3749348.71	2.068	4.415	4.183	1.01E-04	2.15E-04	2.04E-04	1.40E-04	2.99E-04	2.83E-04	4.96E-04	1.06E-03	1.00E-03
655	387118.93, 3749373.71	2.117	4.467	4.263	1.03E-04	2.17E-04	2.08E-04	1.43E-04	3.02E-04	2.88E-04	5.07E-04	1.07E-03	1.02E-03
656	387118.93, 3749398.71	2.154	4.529	4.338	1.05E-04	2.20E-04	2.11E-04	1.46E-04	3.06E-04	2.93E-04	5.16E-04	1.09E-03	1.04E-03
657	387118.93, 3749423.71	2.188	4.603	4.407	1.07E-04	2.24E-04	2.15E-04	1.48E-04	3.11E-04	2.98E-04	5.24E-04	1.10E-03	1.06E-03
658	387118.93, 3749448.71	2.217	4.709	4.489	1.08E-04	2.29E-04	2.19E-04	1.50E-04	3.19E-04	3.04E-04	5.31E-04	1.13E-03	1.08E-03
659	387118.93, 3749473.71	2.241	4.819	4.64	1.09E-04	2.35E-04	2.26E-04	1.52E-04	3.26E-04	3.14E-04	5.37E-04	1.16E-03	1.11E-03
660	387118.93, 3749498.71	2.265	4.939	4.734	1.10E-04	2.40E-04	2.31E-04	1.53E-04	3.34E-04	3.20E-04	5.43E-04	1.18E-03	1.13E-03
661	387118.93, 3749523.71	2.309	4.97	4.805	1.12E-04	2.42E-04	2.34E-04	1.56E-04	3.36E-04	3.25E-04	5.53E-04	1.19E-03	1.15E-03
662	387118.93, 3749548.71	2.346	5.029	4.866	1.14E-04	2.45E-04	2.37E-04	1.59E-04	3.40E-04	3.29E-04	5.62E-04	1.21E-03	1.17E-03
663	387118.93, 3749573.71	2.377	5.104	4.938	1.16E-04	2.49E-04	2.40E-04	1.61E-04	3.45E-04	3.34E-04	5.70E-04	1.22E-03	1.18E-03
664	387118.93, 3749598.71	2.395	5.228	4.986	1.17E-04	2.55E-04	2.43E-04	1.62E-04	3.54E-04	3.37E-04	5.74E-04	1.25E-03	1.20E-03
665	387118.93, 3749623.71	2.428	5.294	5.05	1.18E-04	2.58E-04	2.46E-04	1.64E-04	3.58E-04	3.42E-04	5.82E-04	1.27E-03	1.21E-03
666	387118.93, 3749648.71	2.469	5.308	5.127	1.20E-04	2.58E-04	2.50E-04	1.67E-04	3.59E-04	3.47E-04	5.92E-04	1.27E-03	1.23E-03
667	387118.93, 3749673.71	2.491	5.414	5.175	1.21E-04	2.64E-04	2.52E-04	1.69E-04	3.66E-04	3.50E-04	5.97E-04	1.30E-03	1.24E-03
668	387118.93, 3749698.71	2.515	5.484	5.229	1.22E-04	2.67E-04	2.55E-04	1.70E-04	3.71E-04	3.54E-04	6.03E-04	1.31E-03	1.25E-03
669	387118.93, 3749723.71	2.545	5.544	5.289	1.24E-04	2.70E-04	2.58E-04	1.72E-04	3.75E-04	3.58E-04	6.10E-04	1.33E-03	1.27E-03
670	387118.93, 3749748.71	2.576	5.609	5.349	1.25E-04	2.73E-04	2.60E-04	1.74E-04	3.79E-04	3.62E-04	6.17E-04	1.34E-03	1.28E-03
671	387118.93, 3749773.71	2.605	5.678	5.407	1.27E-04	2.76E-04	2.63E-04	1.76E-04	3.84E-04	3.66E-04	6.24E-04	1.36E-03	1.30E-03
672	387118.93, 3749798.71	2.635	5.746	5.467	1.28E-04	2.80E-04	2.66E-04	1.78E-04	3.89E-04	3.70E-04	6.31E-04	1.38E-03	1.31E-03
673	387118.93, 3749823.71	2.659	5.826	5.518	1.29E-04	2.84E-04	2.69E-04	1.80E-04	3.94E-04	3.73E-04	6.37E-04	1.40E-03	1.32E-03
674	387118.93, 3749848.71	2.674	5.896	5.564	1.30E-04	2.87E-04	2.71E-04	1.81E-04	3.99E-04	3.76E-04	6.41E-04	1.41E-03	1.33E-03
675	387118.93, 3749873.71	2.701	5.954	5.623	1.32E-04	2.90E-04	2.74E-04	1.83E-04	4.03E-04	3.80E-04	6.47E-04	1.43E-03	1.35E-03
676	387118.93, 3749898.71	2.74	6.01	5.696	1.33E-04	2.93E-04	2.77E-04	1.85E-04	4.07E-04	3.85E-04	6.57E-04	1.44E-03	1.37E-03
677	387118.93, 3749923.71	2.783	6.063	5.776	1.36E-04	2.95E-04	2.81E-04	1.88E-04	4.10E-04	3.91E-04	6.67E-04	1.45E-03	1.38E-03
678	387118.93, 3749948.71	2.798	6.131	5.821	1.36E-04	2.99E-04	2.83E-04	1.89E-04	4.15E-04	3.94E-04	6.71E-04	1.47E-03	1.40E-03
679	387118.93, 3749973.71	2.827	6.199	5.882	1.38E-04	3.02E-04	2.86E-04	1.91E-04	4.19E-04	3.98E-04	6.77E-04	1.49E-03	1.41E-03
680	387118.93, 3749998.71	2.852	6.277	5.941	1.39E-04	3.06E-04	2.89E-04	1.93E-04	4.25E-04	4.02E-04	6.84E-04	1.50E-03	1.42E-03
681	387118.93, 3750023.71	2.89	6.343	6.016	1.41E-04	3.09E-04	2.93E-04	1.96E-04	4.29E-04	4.07E-04	6.93E-04	1.52E-03	1.44E-03
682	387118.93, 3750048.71	2.913	6.416	6.078	1.42E-04	3.12E-04	2.96E-04	1.97E-04	4.34E-04	4.11E-04	6.98E-04	1.54E-03	1.46E-03
683	387118.93, 3750073.71	2.956	6.492	6.157	1.44E-04	3.16E-04	3.00E-04	2.00E-04	4.39E-04	4.16E-04	7.08E-04	1.56E-03	1.48E-03
684	387118.93, 3750098.71	2.993	6.573	6.232	1.46E-04	3.20E-04	3.03E-04	2.02E-04	4.45E-04	4.22E-04	7.17E-04	1.58E-03	1.49E-03
685	387118.93, 3750123.71	3.03	6.659	6.309	1.48E-04	3.24E-04	3.07E-04	2.05E-04	4.50E-04	4.27E-04	7.26E-04	1.60E-03	1.51E-03
686	387118.93, 3750148.71	3.077	6.731	6.395	1.50E-04	3.28E-04	3.11E-04	2.08E-04	4.55E-04	4.33E-04	7.38E-04	1.61E-03	1.53E-03
687	387118.93, 3750173.71	3.095	6.815	6.457	1.51E-04	3.32E-04	3.14E-04	2.09E-04	4.61E-04	4.37E-04	7.42E-04	1.63E-03	1.55E-03
688	387118.93, 3750198.71	3.137	6.888	6.539	1.53E-04	3.35E-04	3.18E-04	2.12E-04	4.66E-04	4.42E-04	7.52E-04	1.65E-03	1.57E-03
689	387118.93, 3750223.71	3.187	6.966	6.598	1.55E-04	3.39E-04	3.21E-04	2.16E-04	4.71E-04	4.46E-04	7.64E-04	1.67E-03	1.58E-03
690	387118.93, 3750248.71	3.249	7.033	6.635	1.58E-04	3.42E-04	3.23E-04	2.20E-04	4.76E-04	4.49E-04	7.79E-04	1.69E-03	1.59E-03
691	387118.93, 3750273.71	3.269	7.131	6.752	1.59E-04	3.47E-04	3.29E-04	2.21E-04	4.82E-04	4.57E-04	7.83E-04	1.71E-03	1.62E-03
692	387118.93, 3750298.71	3.313	7.211	6.834	1.61E-04	3.51E-04	3.33E-04	2.24E-04	4.88E-04	4.62E-04	7.94E-04	1.73E-03	1.64E-03

693	387118.93, 3750323.71	3.357	7.296	6.919	1.63E-04	3.55E-04	3.37E-04	2.27E-04	4.94E-04	4.68E-04	8.05E-04	1.75E-03	1.66E-03
694	387118.93, 3750348.71	3.401	7.382	7.004	1.66E-04	3.59E-04	3.41E-04	2.30E-04	4.99E-04	4.74E-04	8.15E-04	1.77E-03	1.68E-03
695	387118.93, 3750373.71	3.462	7.469	7.071	1.69E-04	3.64E-04	3.44E-04	2.34E-04	5.05E-04	4.78E-04	8.30E-04	1.79E-03	1.69E-03
696	387118.93, 3750398.71	3.508	7.565	7.163	1.71E-04	3.68E-04	3.49E-04	2.37E-04	5.12E-04	4.85E-04	8.41E-04	1.81E-03	1.72E-03
697	387118.93, 3750423.71	3.52	7.675	7.297	1.71E-04	3.74E-04	3.55E-04	2.38E-04	5.19E-04	4.94E-04	8.44E-04	1.84E-03	1.75E-03
698	387118.93, 3750448.71	3.555	7.778	7.396	1.73E-04	3.79E-04	3.60E-04	2.40E-04	5.26E-04	5.00E-04	8.52E-04	1.86E-03	1.77E-03
699	387118.93, 3750473.71	3.628	7.885	7.468	1.77E-04	3.84E-04	3.64E-04	2.45E-04	5.33E-04	5.05E-04	8.70E-04	1.89E-03	1.79E-03
700	387118.93, 3750498.71	3.665	7.994	7.583	1.78E-04	3.89E-04	3.69E-04	2.48E-04	5.41E-04	5.13E-04	8.79E-04	1.92E-03	1.82E-03
701	387118.93, 3750523.71	3.693	8.106	7.679	1.80E-04	3.95E-04	3.74E-04	2.50E-04	5.48E-04	5.19E-04	8.85E-04	1.94E-03	1.84E-03
702	387118.93, 3750548.71	3.722	8.208	7.763	1.81E-04	4.00E-04	3.78E-04	2.52E-04	5.55E-04	5.25E-04	8.92E-04	1.97E-03	1.86E-03
703	387118.93, 3750573.71	3.772	8.316	7.866	1.84E-04	4.05E-04	3.83E-04	2.55E-04	5.63E-04	5.32E-04	9.04E-04	1.99E-03	1.89E-03
704	387118.93, 3750598.71	3.846	8.432	7.985	1.87E-04	4.11E-04	3.89E-04	2.60E-04	5.70E-04	5.40E-04	9.22E-04	2.02E-03	1.91E-03
705	387118.93, 3750623.71	3.886	8.545	8.086	1.89E-04	4.16E-04	3.94E-04	2.63E-04	5.78E-04	5.47E-04	9.31E-04	2.05E-03	1.94E-03
706	387118.93, 3750648.71	3.963	8.673	8.188	1.93E-04	4.22E-04	3.99E-04	2.68E-04	5.87E-04	5.54E-04	9.50E-04	2.08E-03	1.96E-03
707	387118.93, 3750673.71	4.034	8.788	8.281	1.96E-04	4.28E-04	4.03E-04	2.73E-04	5.94E-04	5.60E-04	9.67E-04	2.11E-03	1.98E-03
708	387118.93, 3750698.71	4.048	8.929	8.425	1.97E-04	4.35E-04	4.10E-04	2.74E-04	6.04E-04	5.70E-04	9.70E-04	2.14E-03	2.02E-03
709	387118.93, 3750723.71	4.13	9.058	8.549	2.01E-04	4.41E-04	4.16E-04	2.79E-04	6.13E-04	5.78E-04	9.90E-04	2.17E-03	2.05E-03
710	387118.93, 3750748.71	4.218	9.2	8.662	2.05E-04	4.48E-04	4.22E-04	2.85E-04	6.22E-04	5.86E-04	1.01E-03	2.21E-03	2.08E-03
711	387118.93, 3750773.71	4.33	9.337	8.761	2.11E-04	4.55E-04	4.27E-04	2.93E-04	6.32E-04	5.93E-04	1.04E-03	2.24E-03	2.10E-03
712	387118.93, 3750798.71	4.338	9.473	8.901	2.11E-04	4.61E-04	4.33E-04	2.93E-04	6.41E-04	6.02E-04	1.04E-03	2.27E-03	2.13E-03
713	387118.93, 3750823.71	4.383	9.626	9.006	2.13E-04	4.69E-04	4.38E-04	2.96E-04	6.51E-04	6.09E-04	1.05E-03	2.31E-03	2.16E-03
714	387118.93, 3750848.71	4.463	9.778	9.135	2.17E-04	4.76E-04	4.45E-04	3.02E-04	6.61E-04	6.18E-04	1.07E-03	2.34E-03	2.19E-03
715	387118.93, 3750873.71	4.566	9.931	9.279	2.22E-04	4.84E-04	4.52E-04	3.09E-04	6.72E-04	6.28E-04	1.09E-03	2.38E-03	2.22E-03
716	387118.93, 3750898.71	4.73	10.15	9.549	2.30E-04	4.94E-04	4.65E-04	3.20E-04	6.87E-04	6.46E-04	1.13E-03	2.43E-03	2.29E-03
717	387118.93, 3750923.71	4.722	10.23	9.599	2.30E-04	4.98E-04	4.67E-04	3.19E-04	6.92E-04	6.49E-04	1.13E-03	2.45E-03	2.30E-03
718	387118.93, 3750948.71	4.831	10.46	9.811	2.35E-04	5.09E-04	4.78E-04	3.27E-04	7.07E-04	6.64E-04	1.16E-03	2.51E-03	2.35E-03
719	387118.93, 3750973.71	4.959	10.69	10.04	2.41E-04	5.20E-04	4.89E-04	3.35E-04	7.23E-04	6.79E-04	1.19E-03	2.56E-03	2.41E-03
720	387118.93, 3750998.71	5.11	10.94	10.31	2.49E-04	5.33E-04	5.02E-04	3.46E-04	7.40E-04	6.98E-04	1.22E-03	2.62E-03	2.47E-03
721	387118.93, 3751023.71	5.134	11.07	10.44	2.50E-04	5.39E-04	5.08E-04	3.47E-04	7.49E-04	7.06E-04	1.23E-03	2.65E-03	2.50E-03
722	387118.93, 3751048.71	5.274	11.34	10.68	2.57E-04	5.52E-04	5.20E-04	3.57E-04	7.67E-04	7.22E-04	1.26E-03	2.72E-03	2.56E-03
723	387118.93, 3751073.71	5.388	11.58	10.91	2.62E-04	5.64E-04	5.31E-04	3.64E-04	7.83E-04	7.38E-04	1.29E-03	2.77E-03	2.61E-03
724	387118.93, 3751098.71	5.423	11.73	11.05	2.64E-04	5.71E-04	5.38E-04	3.67E-04	7.93E-04	7.47E-04	1.30E-03	2.81E-03	2.65E-03
725	387118.93, 3751123.71	5.469	11.9	11.16	2.66E-04	5.80E-04	5.44E-04	3.70E-04	8.05E-04	7.55E-04	1.31E-03	2.85E-03	2.68E-03
726	387118.93, 3751148.71	5.596	12.19	11.42	2.72E-04	5.94E-04	5.56E-04	3.79E-04	8.25E-04	7.73E-04	1.34E-03	2.92E-03	2.74E-03
727	387118.93, 3751173.71	5.791	12.58	11.81	2.82E-04	6.12E-04	5.75E-04	3.92E-04	8.51E-04	7.99E-04	1.39E-03	3.01E-03	2.83E-03
728	387118.93, 3751198.71	5.858	12.79	11.96	2.85E-04	6.23E-04	5.82E-04	3.96E-04	8.65E-04	8.09E-04	1.40E-03	3.06E-03	2.87E-03
729	387118.93, 3751223.71	6.089	13.22	12.38	2.96E-04	6.44E-04	6.03E-04	4.12E-04	8.94E-04	8.38E-04	1.46E-03	3.17E-03	2.97E-03
730	387118.93, 3751248.71	6.222	13.52	12.66	3.03E-04	6.58E-04	6.16E-04	4.21E-04	9.14E-04	8.56E-04	1.49E-03	3.24E-03	3.03E-03
731	387118.93, 3751273.71	6.419	13.93	13.05	3.13E-04	6.78E-04	6.35E-04	4.34E-04	9.42E-04	8.83E-04	1.54E-03	3.34E-03	3.13E-03
732	387118.93, 3751298.71	6.623	14.37	13.44	3.22E-04	6.99E-04	6.55E-04	4.48E-04	9.72E-04	9.09E-04	1.59E-03	3.44E-03	3.22E-03
733	387118.93, 3751323.71	6.606	14.45	13.43	3.22E-04	7.04E-04	6.54E-04	4.47E-04	9.78E-04	9.08E-04	1.58E-03	3.46E-03	3.22E-03

734	387118.93, 3751348.71	6.848	14.99	13.85	3.33E-04	7.30E-04	6.74E-04	4.63E-04	1.01E-03	9.37E-04	1.64E-03	3.59E-03	3.32E-03
735	387118.93, 3751373.71	7.046	15.45	14.22	3.43E-04	7.52E-04	6.92E-04	4.77E-04	1.05E-03	9.62E-04	1.69E-03	3.70E-03	3.41E-03
736	387118.93, 3751398.71	7.342	16.05	14.76	3.57E-04	7.82E-04	7.19E-04	4.97E-04	1.09E-03	9.99E-04	1.76E-03	3.85E-03	3.54E-03
737	387118.93, 3751423.71	7.626	16.67	15.27	3.71E-04	8.12E-04	7.44E-04	5.16E-04	1.13E-03	1.03E-03	1.83E-03	3.99E-03	3.66E-03
738	387118.93, 3751448.71	7.683	16.94	15.43	3.74E-04	8.25E-04	7.51E-04	5.20E-04	1.15E-03	1.04E-03	1.84E-03	4.06E-03	3.70E-03
739	387118.93, 3751473.71	7.979	17.67	16.08	3.88E-04	8.60E-04	7.83E-04	5.40E-04	1.20E-03	1.09E-03	1.91E-03	4.23E-03	3.86E-03
740	387118.93, 3751498.71	8.311	18.4	16.63	4.05E-04	8.96E-04	8.10E-04	5.62E-04	1.24E-03	1.12E-03	1.99E-03	4.41E-03	3.99E-03
741	387118.93, 3751523.71	8.93	19.6	17.83	4.35E-04	9.54E-04	8.68E-04	6.04E-04	1.33E-03	1.21E-03	2.14E-03	4.70E-03	4.27E-03
742	387118.93, 3751548.71	9.402	20.69	18.72	4.58E-04	1.01E-03	9.12E-04	6.36E-04	1.40E-03	1.27E-03	2.25E-03	4.96E-03	4.49E-03
743	387118.93, 3751573.71	9.835	21.6	19.48	4.79E-04	1.05E-03	9.48E-04	6.65E-04	1.46E-03	1.32E-03	2.36E-03	5.18E-03	4.67E-03
744	387118.93, 3751598.71	10.14	22.42	20.2	4.93E-04	1.09E-03	9.84E-04	6.86E-04	1.52E-03	1.37E-03	2.43E-03	5.37E-03	4.84E-03
745	387118.93, 3751623.71	10.64	23.62	21.04	5.18E-04	1.15E-03	1.02E-03	7.20E-04	1.60E-03	1.42E-03	2.55E-03	5.66E-03	5.04E-03
746	387118.93, 3751648.71	10.89	24.3	21.56	5.30E-04	1.18E-03	1.05E-03	7.37E-04	1.64E-03	1.46E-03	2.61E-03	5.82E-03	5.17E-03
747	387118.93, 3751673.71	11.44	25.89	22.7	5.57E-04	1.26E-03	1.11E-03	7.74E-04	1.75E-03	1.54E-03	2.74E-03	6.21E-03	5.44E-03
748	387118.93, 3751698.71	12.24	27.72	24.1	5.96E-04	1.35E-03	1.17E-03	8.28E-04	1.87E-03	1.63E-03	2.93E-03	6.64E-03	5.78E-03
749	387118.93, 3751723.71	12.68	28.95	25.22	6.17E-04	1.41E-03	1.23E-03	8.58E-04	1.96E-03	1.71E-03	3.04E-03	6.94E-03	6.04E-03
750	387118.93, 3751748.71	22.18	46.57	40.96	1.08E-03	2.27E-03	1.99E-03	1.50E-03	3.15E-03	2.77E-03	5.32E-03	1.12E-02	9.82E-03
751	387143.93, 3748973.71	1.426	3.305	3.041	6.95E-05	1.61E-04	1.48E-04	9.65E-05	2.24E-04	2.06E-04	3.42E-04	7.92E-04	7.29E-04
752	387143.93, 3748998.71	1.51	3.34	3.112	7.35E-05	1.63E-04	1.52E-04	1.02E-04	2.26E-04	2.11E-04	3.62E-04	8.01E-04	7.46E-04
753	387143.93, 3749023.71	1.586	3.426	3.233	7.72E-05	1.67E-04	1.57E-04	1.07E-04	2.32E-04	2.19E-04	3.80E-04	8.21E-04	7.75E-04
754	387143.93, 3749048.71	1.658	3.543	3.361	8.07E-05	1.73E-04	1.64E-04	1.12E-04	2.40E-04	2.27E-04	3.97E-04	8.49E-04	8.05E-04
755	387143.93, 3749073.71	1.723	3.657	3.479	8.39E-05	1.78E-04	1.69E-04	1.17E-04	2.47E-04	2.35E-04	4.13E-04	8.76E-04	8.34E-04
756	387143.93, 3749098.71	1.778	3.799	3.581	8.65E-05	1.85E-04	1.74E-04	1.20E-04	2.57E-04	2.42E-04	4.26E-04	9.11E-04	8.58E-04
757	387143.93, 3749123.71	1.829	3.949	3.679	8.91E-05	1.92E-04	1.79E-04	1.24E-04	2.67E-04	2.49E-04	4.38E-04	9.46E-04	8.82E-04
758	387143.93, 3749148.71	1.884	4.054	3.786	9.17E-05	1.97E-04	1.84E-04	1.27E-04	2.74E-04	2.56E-04	4.52E-04	9.72E-04	9.07E-04
759	387143.93, 3749173.71	1.937	4.155	3.89	9.43E-05	2.02E-04	1.89E-04	1.31E-04	2.81E-04	2.63E-04	4.64E-04	9.96E-04	9.32E-04
760	387143.93, 3749198.71	1.98	4.283	3.977	9.64E-05	2.09E-04	1.94E-04	1.34E-04	2.90E-04	2.69E-04	4.75E-04	1.03E-03	9.53E-04
761	387143.93, 3749223.71	2.027	4.382	4.07	9.87E-05	2.13E-04	1.98E-04	1.37E-04	2.96E-04	2.75E-04	4.86E-04	1.05E-03	9.76E-04
762	387143.93, 3749248.71	2.071	4.482	4.159	1.01E-04	2.18E-04	2.02E-04	1.40E-04	3.03E-04	2.81E-04	4.96E-04	1.07E-03	9.97E-04
763	387143.93, 3749273.71	2.115	4.569	4.249	1.03E-04	2.22E-04	2.07E-04	1.43E-04	3.09E-04	2.87E-04	5.07E-04	1.09E-03	1.02E-03
764	387143.93, 3749298.71	2.164	4.635	4.347	1.05E-04	2.26E-04	2.12E-04	1.46E-04	3.14E-04	2.94E-04	5.19E-04	1.11E-03	1.04E-03
765	387143.93, 3749323.71	2.209	4.707	4.437	1.08E-04	2.29E-04	2.16E-04	1.49E-04	3.18E-04	3.00E-04	5.29E-04	1.13E-03	1.06E-03
766	387143.93, 3749348.71	2.253	4.787	4.525	1.10E-04	2.33E-04	2.20E-04	1.52E-04	3.24E-04	3.06E-04	5.40E-04	1.15E-03	1.08E-03
767	387143.93, 3749373.71	2.303	4.851	4.629	1.12E-04	2.36E-04	2.25E-04	1.56E-04	3.28E-04	3.13E-04	5.52E-04	1.16E-03	1.11E-03
768	387143.93, 3749398.71	2.345	4.914	4.716	1.14E-04	2.39E-04	2.30E-04	1.59E-04	3.32E-04	3.19E-04	5.62E-04	1.18E-03	1.13E-03
769	387143.93, 3749423.71	2.381	5.005	4.788	1.16E-04	2.44E-04	2.33E-04	1.61E-04	3.39E-04	3.24E-04	5.71E-04	1.20E-03	1.15E-03
770	387143.93, 3749448.71	2.414	5.127	4.859	1.18E-04	2.50E-04	2.37E-04	1.63E-04	3.47E-04	3.29E-04	5.79E-04	1.23E-03	1.16E-03
771	387143.93, 3749473.71	2.439	5.243	5.015	1.19E-04	2.55E-04	2.44E-04	1.65E-04	3.55E-04	3.39E-04	5.85E-04	1.26E-03	1.20E-03
772	387143.93, 3749498.71	2.467	5.37	5.144	1.20E-04	2.61E-04	2.50E-04	1.67E-04	3.63E-04	3.48E-04	5.91E-04	1.29E-03	1.23E-03
773	387143.93, 3749523.71	2.505	5.451	5.215	1.22E-04	2.65E-04	2.54E-04	1.69E-04	3.69E-04	3.53E-04	6.00E-04	1.31E-03	1.25E-03
774	387143.93, 3749548.71	2.552	5.491	5.287	1.24E-04	2.67E-04	2.57E-04	1.73E-04	3.71E-04	3.58E-04	6.12E-04	1.32E-03	1.27E-03

775	387143.93, 3749573.71	2.59	5.566	5.354	1.26E-04	2.71E-04	2.61E-04	1.75E-04	3.76E-04	3.62E-04	6.21E-04	1.33E-03	1.28E-03
776	387143.93, 3749598.71	2.619	5.662	5.436	1.28E-04	2.76E-04	2.65E-04	1.77E-04	3.83E-04	3.68E-04	6.28E-04	1.36E-03	1.30E-03
777	387143.93, 3749623.71	2.653	5.765	5.5	1.29E-04	2.81E-04	2.68E-04	1.79E-04	3.90E-04	3.72E-04	6.36E-04	1.38E-03	1.32E-03
778	387143.93, 3749648.71	2.699	5.782	5.566	1.31E-04	2.82E-04	2.71E-04	1.83E-04	3.91E-04	3.77E-04	6.47E-04	1.39E-03	1.33E-03
779	387143.93, 3749673.71	2.724	5.866	5.649	1.33E-04	2.86E-04	2.75E-04	1.84E-04	3.97E-04	3.82E-04	6.53E-04	1.41E-03	1.35E-03
780	387143.93, 3749698.71	2.757	5.958	5.711	1.34E-04	2.90E-04	2.78E-04	1.87E-04	4.03E-04	3.86E-04	6.61E-04	1.43E-03	1.37E-03
781	387143.93, 3749723.71	2.78	6.049	5.766	1.35E-04	2.94E-04	2.81E-04	1.88E-04	4.09E-04	3.90E-04	6.66E-04	1.45E-03	1.38E-03
782	387143.93, 3749748.71	2.83	6.115	5.85	1.38E-04	2.98E-04	2.85E-04	1.91E-04	4.14E-04	3.96E-04	6.78E-04	1.47E-03	1.40E-03
783	387143.93, 3749773.71	2.856	6.201	5.911	1.39E-04	3.02E-04	2.88E-04	1.93E-04	4.19E-04	4.00E-04	6.85E-04	1.49E-03	1.42E-03
784	387143.93, 3749798.71	2.885	6.277	5.973	1.40E-04	3.06E-04	2.91E-04	1.95E-04	4.25E-04	4.04E-04	6.91E-04	1.50E-03	1.43E-03
785	387143.93, 3749823.71	2.918	6.353	6.042	1.42E-04	3.09E-04	2.94E-04	1.97E-04	4.30E-04	4.09E-04	6.99E-04	1.52E-03	1.45E-03
786	387143.93, 3749848.71	2.944	6.44	6.1	1.43E-04	3.14E-04	2.97E-04	1.99E-04	4.36E-04	4.13E-04	7.06E-04	1.54E-03	1.46E-03
787	387143.93, 3749873.71	2.978	6.508	6.173	1.45E-04	3.17E-04	3.01E-04	2.01E-04	4.40E-04	4.18E-04	7.14E-04	1.56E-03	1.48E-03
788	387143.93, 3749898.71	3.017	6.577	6.253	1.47E-04	3.20E-04	3.04E-04	2.04E-04	4.45E-04	4.23E-04	7.23E-04	1.58E-03	1.50E-03
789	387143.93, 3749923.71	3.061	6.638	6.337	1.49E-04	3.23E-04	3.09E-04	2.07E-04	4.49E-04	4.29E-04	7.34E-04	1.59E-03	1.52E-03
790	387143.93, 3749948.71	3.074	6.723	6.383	1.50E-04	3.27E-04	3.11E-04	2.08E-04	4.55E-04	4.32E-04	7.37E-04	1.61E-03	1.53E-03
791	387143.93, 3749973.71	3.114	6.804	6.461	1.52E-04	3.31E-04	3.15E-04	2.11E-04	4.60E-04	4.37E-04	7.46E-04	1.63E-03	1.55E-03
792	387143.93, 3749998.71	3.147	6.891	6.535	1.53E-04	3.36E-04	3.18E-04	2.13E-04	4.66E-04	4.42E-04	7.54E-04	1.65E-03	1.57E-03
793	387143.93, 3750023.71	3.197	6.981	6.622	1.56E-04	3.40E-04	3.22E-04	2.16E-04	4.72E-04	4.48E-04	7.66E-04	1.67E-03	1.59E-03
794	387143.93, 3750048.71	3.225	7.062	6.698	1.57E-04	3.44E-04	3.26E-04	2.18E-04	4.78E-04	4.53E-04	7.73E-04	1.69E-03	1.61E-03
795	387143.93, 3750073.71	3.258	7.144	6.777	1.59E-04	3.48E-04	3.30E-04	2.20E-04	4.83E-04	4.58E-04	7.81E-04	1.71E-03	1.62E-03
796	387143.93, 3750098.71	3.318	7.246	6.873	1.62E-04	3.53E-04	3.35E-04	2.24E-04	4.90E-04	4.65E-04	7.95E-04	1.74E-03	1.65E-03
797	387143.93, 3750123.71	3.368	7.348	6.948	1.64E-04	3.58E-04	3.38E-04	2.28E-04	4.97E-04	4.70E-04	8.07E-04	1.76E-03	1.67E-03
798	387143.93, 3750148.71	3.427	7.451	7.001	1.67E-04	3.63E-04	3.41E-04	2.32E-04	5.04E-04	4.74E-04	8.21E-04	1.79E-03	1.68E-03
799	387143.93, 3750173.71	3.461	7.537	7.102	1.68E-04	3.67E-04	3.46E-04	2.34E-04	5.10E-04	4.80E-04	8.29E-04	1.81E-03	1.70E-03
800	387143.93, 3750198.71	3.505	7.634	7.183	1.71E-04	3.72E-04	3.50E-04	2.37E-04	5.16E-04	4.86E-04	8.40E-04	1.83E-03	1.72E-03
801	387143.93, 3750223.71	3.576	7.735	7.235	1.74E-04	3.77E-04	3.52E-04	2.42E-04	5.23E-04	4.89E-04	8.57E-04	1.85E-03	1.73E-03
802	387143.93, 3750248.71	3.638	7.827	7.34	1.77E-04	3.81E-04	3.57E-04	2.46E-04	5.29E-04	4.96E-04	8.72E-04	1.88E-03	1.76E-03
803	387143.93, 3750273.71	3.666	7.94	7.46	1.78E-04	3.87E-04	3.63E-04	2.48E-04	5.37E-04	5.05E-04	8.79E-04	1.90E-03	1.79E-03
804	387143.93, 3750298.71	3.726	8.017	7.533	1.81E-04	3.90E-04	3.67E-04	2.52E-04	5.42E-04	5.10E-04	8.93E-04	1.92E-03	1.81E-03
805	387143.93, 3750323.71	3.772	8.153	7.675	1.84E-04	3.97E-04	3.74E-04	2.55E-04	5.52E-04	5.19E-04	9.04E-04	1.95E-03	1.84E-03
806	387143.93, 3750348.71	3.843	8.259	7.76	1.87E-04	4.02E-04	3.78E-04	2.60E-04	5.59E-04	5.25E-04	9.21E-04	1.98E-03	1.86E-03
807	387143.93, 3750373.71	3.914	8.382	7.894	1.91E-04	4.08E-04	3.84E-04	2.65E-04	5.67E-04	5.34E-04	9.38E-04	2.01E-03	1.89E-03
808	387143.93, 3750398.71	3.94	8.484	7.998	1.92E-04	4.13E-04	3.89E-04	2.67E-04	5.74E-04	5.41E-04	9.44E-04	2.03E-03	1.92E-03
809	387143.93, 3750423.71	3.976	8.627	8.141	1.94E-04	4.20E-04	3.96E-04	2.69E-04	5.84E-04	5.51E-04	9.53E-04	2.07E-03	1.95E-03
810	387143.93, 3750448.71	4.029	8.753	8.257	1.96E-04	4.26E-04	4.02E-04	2.73E-04	5.92E-04	5.59E-04	9.66E-04	2.10E-03	1.98E-03
811	387143.93, 3750473.71	4.125	8.898	8.364	2.01E-04	4.33E-04	4.07E-04	2.79E-04	6.02E-04	5.66E-04	9.89E-04	2.13E-03	2.00E-03
812	387143.93, 3750498.71	4.172	9.037	8.503	2.03E-04	4.40E-04	4.14E-04	2.82E-04	6.11E-04	5.75E-04	1.00E-03	2.17E-03	2.04E-03
813	387143.93, 3750523.71	4.215	9.177	8.619	2.05E-04	4.47E-04	4.20E-04	2.85E-04	6.21E-04	5.83E-04	1.01E-03	2.20E-03	2.07E-03
814	387143.93, 3750548.71	4.245	9.306	8.755	2.07E-04	4.53E-04	4.26E-04	2.87E-04	6.29E-04	5.92E-04	1.02E-03	2.23E-03	2.10E-03
815	387143.93, 3750573.71	4.311	9.445	8.881	2.10E-04	4.60E-04	4.32E-04	2.92E-04	6.39E-04	6.01E-04	1.03E-03	2.26E-03	2.13E-03

816	387143.93, 3750598.71	4.427	9.615	9	2.16E-04	4.68E-04	4.38E-04	2.99E-04	6.50E-04	6.09E-04	1.06E-03	2.30E-03	2.16E-03
817	387143.93, 3750623.71	4.508	9.763	9.129	2.19E-04	4.75E-04	4.44E-04	3.05E-04	6.60E-04	6.18E-04	1.08E-03	2.34E-03	2.19E-03
818	387143.93, 3750648.71	4.588	9.907	9.282	2.23E-04	4.82E-04	4.52E-04	3.10E-04	6.70E-04	6.28E-04	1.10E-03	2.37E-03	2.22E-03
819	387143.93, 3750673.71	4.681	10.09	9.466	2.28E-04	4.91E-04	4.61E-04	3.17E-04	6.82E-04	6.40E-04	1.12E-03	2.42E-03	2.27E-03
820	387143.93, 3750698.71	4.696	10.26	9.575	2.29E-04	5.00E-04	4.66E-04	3.18E-04	6.94E-04	6.48E-04	1.13E-03	2.46E-03	2.29E-03
821	387143.93, 3750723.71	4.816	10.45	9.769	2.34E-04	5.09E-04	4.76E-04	3.26E-04	7.07E-04	6.61E-04	1.15E-03	2.50E-03	2.34E-03
822	387143.93, 3750748.71	4.96	10.66	10.02	2.41E-04	5.19E-04	4.88E-04	3.36E-04	7.21E-04	6.78E-04	1.19E-03	2.56E-03	2.40E-03
823	387143.93, 3750773.71	5.074	10.87	10.24	2.47E-04	5.29E-04	4.98E-04	3.43E-04	7.35E-04	6.93E-04	1.22E-03	2.61E-03	2.45E-03
824	387143.93, 3750798.71	5.126	11.04	10.4	2.50E-04	5.37E-04	5.06E-04	3.47E-04	7.46E-04	7.03E-04	1.23E-03	2.64E-03	2.49E-03
825	387143.93, 3750823.71	5.172	11.23	10.52	2.52E-04	5.47E-04	5.12E-04	3.50E-04	7.60E-04	7.12E-04	1.24E-03	2.69E-03	2.52E-03
826	387143.93, 3750848.71	5.275	11.44	10.75	2.57E-04	5.57E-04	5.23E-04	3.57E-04	7.74E-04	7.27E-04	1.26E-03	2.74E-03	2.58E-03
827	387143.93, 3750873.71	5.429	11.73	11.05	2.64E-04	5.71E-04	5.38E-04	3.67E-04	7.94E-04	7.48E-04	1.30E-03	2.81E-03	2.65E-03
828	387143.93, 3750898.71	5.668	12.18	11.48	2.76E-04	5.93E-04	5.59E-04	3.83E-04	8.24E-04	7.76E-04	1.36E-03	2.92E-03	2.75E-03
829	387143.93, 3750923.71	5.671	12.28	11.57	2.76E-04	5.98E-04	5.64E-04	3.84E-04	8.31E-04	7.83E-04	1.36E-03	2.94E-03	2.77E-03
830	387143.93, 3750948.71	5.847	12.62	11.9	2.85E-04	6.15E-04	5.80E-04	3.96E-04	8.54E-04	8.05E-04	1.40E-03	3.03E-03	2.85E-03
831	387143.93, 3750973.71	6.008	12.95	12.21	2.93E-04	6.31E-04	5.94E-04	4.06E-04	8.76E-04	8.26E-04	1.44E-03	3.10E-03	2.93E-03
832	387143.93, 3750998.71	6.255	13.39	12.66	3.05E-04	6.52E-04	6.16E-04	4.23E-04	9.06E-04	8.56E-04	1.50E-03	3.21E-03	3.03E-03
833	387143.93, 3751023.71	6.371	13.69	12.93	3.10E-04	6.67E-04	6.30E-04	4.31E-04	9.26E-04	8.75E-04	1.53E-03	3.28E-03	3.10E-03
834	387143.93, 3751048.71	6.521	14.03	13.24	3.17E-04	6.83E-04	6.45E-04	4.41E-04	9.49E-04	8.96E-04	1.56E-03	3.36E-03	3.17E-03
835	387143.93, 3751073.71	6.689	14.41	13.54	3.26E-04	7.01E-04	6.59E-04	4.52E-04	9.75E-04	9.16E-04	1.60E-03	3.45E-03	3.25E-03
836	387143.93, 3751098.71	6.737	14.64	13.64	3.28E-04	7.13E-04	6.64E-04	4.56E-04	9.90E-04	9.23E-04	1.61E-03	3.51E-03	3.27E-03
837	387143.93, 3751123.71	6.811	14.91	13.81	3.32E-04	7.26E-04	6.73E-04	4.61E-04	1.01E-03	9.34E-04	1.63E-03	3.57E-03	3.31E-03
838	387143.93, 3751148.71	7.038	15.44	14.23	3.43E-04	7.52E-04	6.93E-04	4.76E-04	1.04E-03	9.62E-04	1.69E-03	3.70E-03	3.41E-03
839	387143.93, 3751173.71	7.377	16.11	14.86	3.59E-04	7.85E-04	7.23E-04	4.99E-04	1.09E-03	1.01E-03	1.77E-03	3.86E-03	3.56E-03
840	387143.93, 3751198.71	7.504	16.48	15.12	3.65E-04	8.02E-04	7.36E-04	5.08E-04	1.11E-03	1.02E-03	1.80E-03	3.95E-03	3.62E-03
841	387143.93, 3751223.71	7.928	17.32	15.91	3.86E-04	8.43E-04	7.74E-04	5.36E-04	1.17E-03	1.08E-03	1.90E-03	4.15E-03	3.81E-03
842	387143.93, 3751248.71	8.059	17.7	16.2	3.92E-04	8.62E-04	7.89E-04	5.45E-04	1.20E-03	1.10E-03	1.93E-03	4.24E-03	3.88E-03
843	387143.93, 3751273.71	8.475	18.6	16.99	4.13E-04	9.06E-04	8.27E-04	5.73E-04	1.26E-03	1.15E-03	2.03E-03	4.46E-03	4.07E-03
844	387143.93, 3751298.71	8.909	19.53	17.84	4.34E-04	9.51E-04	8.69E-04	6.03E-04	1.32E-03	1.21E-03	2.14E-03	4.68E-03	4.28E-03
845	387143.93, 3751323.71	9.07	19.95	18.13	4.42E-04	9.72E-04	8.83E-04	6.14E-04	1.35E-03	1.23E-03	2.17E-03	4.78E-03	4.34E-03
846	387143.93, 3751348.71	9.42	20.9	18.91	4.59E-04	1.02E-03	9.20E-04	6.37E-04	1.41E-03	1.28E-03	2.26E-03	5.01E-03	4.53E-03
847	387143.93, 3751373.71	9.901	21.95	19.7	4.82E-04	1.07E-03	9.59E-04	6.70E-04	1.48E-03	1.33E-03	2.37E-03	5.26E-03	4.72E-03
848	387143.93, 3751398.71	10.38	23.1	20.78	5.05E-04	1.12E-03	1.01E-03	7.02E-04	1.56E-03	1.41E-03	2.49E-03	5.54E-03	4.98E-03
849	387143.93, 3751423.71	10.96	24.51	21.79	5.33E-04	1.19E-03	1.06E-03	7.41E-04	1.66E-03	1.47E-03	2.63E-03	5.87E-03	5.22E-03
850	387143.93, 3751448.71	11.47	25.67	22.7	5.58E-04	1.25E-03	1.10E-03	7.76E-04	1.74E-03	1.54E-03	2.75E-03	6.15E-03	5.44E-03
851	387143.93, 3751473.71	12.16	27.56	24.09	5.92E-04	1.34E-03	1.17E-03	8.23E-04	1.86E-03	1.63E-03	2.91E-03	6.61E-03	5.77E-03
852	387143.93, 3751498.71	15.97	35.2	30.83	7.78E-04	1.71E-03	1.50E-03	1.08E-03	2.38E-03	2.09E-03	3.83E-03	8.44E-03	7.39E-03
853	387143.93, 3751523.71	16.51	36.26	31.72	8.04E-04	1.77E-03	1.54E-03	1.12E-03	2.45E-03	2.15E-03	3.96E-03	8.69E-03	7.60E-03
854	387168.93, 3748973.71	1.555	3.458	3.216	7.57E-05	1.68E-04	1.57E-04	1.05E-04	2.34E-04	2.18E-04	3.73E-04	8.29E-04	7.71E-04
855	387168.93, 3748998.71	1.64	3.577	3.351	7.99E-05	1.74E-04	1.63E-04	1.11E-04	2.42E-04	2.27E-04	3.93E-04	8.57E-04	8.03E-04
856	387168.93, 3749023.71	1.728	3.686	3.503	8.41E-05	1.79E-04	1.71E-04	1.17E-04	2.49E-04	2.37E-04	4.14E-04	8.83E-04	8.40E-04

857	387168.93, 3749048.71	1.819	3.788	3.666	8.86E-05	1.84E-04	1.78E-04	1.23E-04	2.56E-04	2.48E-04	4.36E-04	9.08E-04	8.79E-04
858	387168.93, 3749073.71	1.893	3.927	3.801	9.22E-05	1.91E-04	1.85E-04	1.28E-04	2.66E-04	2.57E-04	4.54E-04	9.41E-04	9.11E-04
859	387168.93, 3749098.71	1.947	4.082	3.905	9.48E-05	1.99E-04	1.90E-04	1.32E-04	2.76E-04	2.64E-04	4.67E-04	9.78E-04	9.36E-04
860	387168.93, 3749123.71	2.004	4.253	4.016	9.76E-05	2.07E-04	1.96E-04	1.36E-04	2.88E-04	2.72E-04	4.80E-04	1.02E-03	9.63E-04
861	387168.93, 3749148.71	2.061	4.386	4.128	1.00E-04	2.14E-04	2.01E-04	1.39E-04	2.97E-04	2.79E-04	4.94E-04	1.05E-03	9.90E-04
862	387168.93, 3749173.71	2.109	4.555	4.225	1.03E-04	2.22E-04	2.06E-04	1.43E-04	3.08E-04	2.86E-04	5.05E-04	1.09E-03	1.01E-03
863	387168.93, 3749198.71	2.163	4.674	4.333	1.05E-04	2.28E-04	2.11E-04	1.46E-04	3.16E-04	2.93E-04	5.18E-04	1.12E-03	1.04E-03
864	387168.93, 3749223.71	2.215	4.784	4.438	1.08E-04	2.33E-04	2.16E-04	1.50E-04	3.24E-04	3.00E-04	5.31E-04	1.15E-03	1.06E-03
865	387168.93, 3749248.71	2.268	4.878	4.545	1.10E-04	2.37E-04	2.21E-04	1.53E-04	3.30E-04	3.07E-04	5.44E-04	1.17E-03	1.09E-03
866	387168.93, 3749273.71	2.322	4.955	4.654	1.13E-04	2.41E-04	2.27E-04	1.57E-04	3.35E-04	3.15E-04	5.57E-04	1.19E-03	1.12E-03
867	387168.93, 3749298.71	2.374	5.039	4.759	1.16E-04	2.45E-04	2.32E-04	1.61E-04	3.41E-04	3.22E-04	5.69E-04	1.21E-03	1.14E-03
868	387168.93, 3749323.71	2.424	5.126	4.861	1.18E-04	2.50E-04	2.37E-04	1.64E-04	3.47E-04	3.29E-04	5.81E-04	1.23E-03	1.16E-03
869	387168.93, 3749348.71	2.468	5.224	4.947	1.20E-04	2.54E-04	2.41E-04	1.67E-04	3.53E-04	3.35E-04	5.92E-04	1.25E-03	1.19E-03
870	387168.93, 3749373.71	2.523	5.303	5.061	1.23E-04	2.58E-04	2.46E-04	1.71E-04	3.59E-04	3.42E-04	6.05E-04	1.27E-03	1.21E-03
871	387168.93, 3749398.71	2.568	5.389	5.152	1.25E-04	2.62E-04	2.51E-04	1.74E-04	3.65E-04	3.48E-04	6.15E-04	1.29E-03	1.23E-03
872	387168.93, 3749423.71	2.61	5.484	5.237	1.27E-04	2.67E-04	2.55E-04	1.77E-04	3.71E-04	3.54E-04	6.25E-04	1.31E-03	1.26E-03
873	387168.93, 3749448.71	2.645	5.615	5.289	1.29E-04	2.73E-04	2.57E-04	1.79E-04	3.80E-04	3.58E-04	6.34E-04	1.35E-03	1.27E-03
874	387168.93, 3749473.71	2.676	5.74	5.445	1.30E-04	2.79E-04	2.65E-04	1.81E-04	3.88E-04	3.68E-04	6.41E-04	1.38E-03	1.31E-03
875	387168.93, 3749498.71	2.706	5.869	5.613	1.32E-04	2.86E-04	2.73E-04	1.83E-04	3.97E-04	3.80E-04	6.49E-04	1.41E-03	1.35E-03
876	387168.93, 3749523.71	2.749	5.966	5.707	1.34E-04	2.90E-04	2.78E-04	1.86E-04	4.04E-04	3.86E-04	6.59E-04	1.43E-03	1.37E-03
877	387168.93, 3749548.71	2.794	6.053	5.79	1.36E-04	2.95E-04	2.82E-04	1.89E-04	4.09E-04	3.92E-04	6.70E-04	1.45E-03	1.39E-03
878	387168.93, 3749573.71	2.839	6.129	5.876	1.38E-04	2.98E-04	2.86E-04	1.92E-04	4.15E-04	3.97E-04	6.80E-04	1.47E-03	1.41E-03
879	387168.93, 3749598.71	2.88	6.209	5.947	1.40E-04	3.02E-04	2.90E-04	1.95E-04	4.20E-04	4.02E-04	6.90E-04	1.49E-03	1.43E-03
880	387168.93, 3749623.71	2.918	6.3	6.039	1.42E-04	3.07E-04	2.94E-04	1.97E-04	4.26E-04	4.08E-04	6.99E-04	1.51E-03	1.45E-03
881	387168.93, 3749648.71	2.971	6.337	6.064	1.45E-04	3.09E-04	2.95E-04	2.01E-04	4.29E-04	4.10E-04	7.12E-04	1.52E-03	1.45E-03
882	387168.93, 3749673.71	2.999	6.443	6.194	1.46E-04	3.14E-04	3.02E-04	2.03E-04	4.36E-04	4.19E-04	7.19E-04	1.54E-03	1.48E-03
883	387168.93, 3749698.71	3.039	6.545	6.278	1.48E-04	3.19E-04	3.06E-04	2.06E-04	4.43E-04	4.25E-04	7.28E-04	1.57E-03	1.50E-03
884	387168.93, 3749723.71	3.072	6.647	6.348	1.50E-04	3.24E-04	3.09E-04	2.08E-04	4.50E-04	4.29E-04	7.36E-04	1.59E-03	1.52E-03
885	387168.93, 3749748.71	3.103	6.737	6.416	1.51E-04	3.28E-04	3.12E-04	2.10E-04	4.56E-04	4.34E-04	7.44E-04	1.61E-03	1.54E-03
886	387168.93, 3749773.71	3.145	6.826	6.498	1.53E-04	3.32E-04	3.16E-04	2.13E-04	4.62E-04	4.40E-04	7.54E-04	1.64E-03	1.56E-03
887	387168.93, 3749798.71	3.185	6.915	6.578	1.55E-04	3.37E-04	3.20E-04	2.15E-04	4.68E-04	4.45E-04	7.63E-04	1.66E-03	1.58E-03
888	387168.93, 3749823.71	3.226	7.001	6.662	1.57E-04	3.41E-04	3.24E-04	2.18E-04	4.74E-04	4.51E-04	7.73E-04	1.68E-03	1.60E-03
889	387168.93, 3749848.71	3.261	7.097	6.737	1.59E-04	3.46E-04	3.28E-04	2.21E-04	4.80E-04	4.56E-04	7.82E-04	1.70E-03	1.61E-03
890	387168.93, 3749873.71	3.301	7.183	6.822	1.61E-04	3.50E-04	3.32E-04	2.23E-04	4.86E-04	4.61E-04	7.91E-04	1.72E-03	1.64E-03
891	387168.93, 3749898.71	3.342	7.267	6.912	1.63E-04	3.54E-04	3.37E-04	2.26E-04	4.92E-04	4.68E-04	8.01E-04	1.74E-03	1.66E-03
892	387168.93, 3749923.71	3.398	7.344	6.98	1.65E-04	3.58E-04	3.40E-04	2.30E-04	4.97E-04	4.72E-04	8.14E-04	1.76E-03	1.67E-03
893	387168.93, 3749948.71	3.415	7.442	7.073	1.66E-04	3.62E-04	3.44E-04	2.31E-04	5.03E-04	4.78E-04	8.19E-04	1.78E-03	1.70E-03
894	387168.93, 3749973.71	3.458	7.54	7.159	1.68E-04	3.67E-04	3.49E-04	2.34E-04	5.10E-04	4.84E-04	8.29E-04	1.81E-03	1.72E-03
895	387168.93, 3749998.71	3.512	7.65	7.258	1.71E-04	3.72E-04	3.53E-04	2.38E-04	5.17E-04	4.91E-04	8.42E-04	1.83E-03	1.74E-03
896	387168.93, 3750023.71	3.588	7.755	7.313	1.75E-04	3.78E-04	3.56E-04	2.43E-04	5.25E-04	4.95E-04	8.60E-04	1.86E-03	1.75E-03
897	387168.93, 3750048.71	3.595	7.857	7.429	1.75E-04	3.83E-04	3.62E-04	2.43E-04	5.31E-04	5.02E-04	8.62E-04	1.88E-03	1.78E-03

898	387168.93, 3750073.71	3.643	7.951	7.513	1.77E-04	3.87E-04	3.66E-04	2.46E-04	5.38E-04	5.08E-04	8.73E-04	1.91E-03	1.80E-03
899	387168.93, 3750098.71	3.722	8.074	7.608	1.81E-04	3.93E-04	3.70E-04	2.52E-04	5.46E-04	5.15E-04	8.92E-04	1.94E-03	1.82E-03
900	387168.93, 3750123.71	3.773	8.208	7.71	1.84E-04	4.00E-04	3.75E-04	2.55E-04	5.55E-04	5.22E-04	9.04E-04	1.97E-03	1.85E-03
901	387168.93, 3750148.71	3.864	8.341	7.778	1.88E-04	4.06E-04	3.79E-04	2.61E-04	5.64E-04	5.26E-04	9.26E-04	2.00E-03	1.86E-03
902	387168.93, 3750173.71	3.903	8.453	7.896	1.90E-04	4.12E-04	3.84E-04	2.64E-04	5.72E-04	5.34E-04	9.35E-04	2.03E-03	1.89E-03
903	387168.93, 3750198.71	3.992	8.587	8.029	1.94E-04	4.18E-04	3.91E-04	2.70E-04	5.81E-04	5.43E-04	9.57E-04	2.06E-03	1.92E-03
904	387168.93, 3750223.71	4.05	8.711	8.154	1.97E-04	4.24E-04	3.97E-04	2.74E-04	5.89E-04	5.52E-04	9.71E-04	2.09E-03	1.95E-03
905	387168.93, 3750248.71	4.128	8.84	8.309	2.01E-04	4.30E-04	4.05E-04	2.79E-04	5.98E-04	5.62E-04	9.89E-04	2.12E-03	1.99E-03
906	387168.93, 3750273.71	4.192	8.965	8.446	2.04E-04	4.36E-04	4.11E-04	2.84E-04	6.06E-04	5.71E-04	1.00E-03	2.15E-03	2.02E-03
907	387168.93, 3750298.71	4.258	9.095	8.58	2.07E-04	4.43E-04	4.18E-04	2.88E-04	6.15E-04	5.80E-04	1.02E-03	2.18E-03	2.06E-03
908	387168.93, 3750323.71	4.327	9.236	8.716	2.11E-04	4.50E-04	4.24E-04	2.93E-04	6.25E-04	5.90E-04	1.04E-03	2.21E-03	2.09E-03
909	387168.93, 3750348.71	4.417	9.407	8.881	2.15E-04	4.58E-04	4.32E-04	2.99E-04	6.36E-04	6.01E-04	1.06E-03	2.25E-03	2.13E-03
910	387168.93, 3750373.71	4.499	9.571	9.041	2.19E-04	4.66E-04	4.40E-04	3.04E-04	6.47E-04	6.12E-04	1.08E-03	2.29E-03	2.17E-03
911	387168.93, 3750398.71	4.56	9.72	9.178	2.22E-04	4.73E-04	4.47E-04	3.08E-04	6.58E-04	6.21E-04	1.09E-03	2.33E-03	2.20E-03
912	387168.93, 3750423.71	4.601	9.871	9.264	2.24E-04	4.81E-04	4.51E-04	3.11E-04	6.68E-04	6.27E-04	1.10E-03	2.37E-03	2.22E-03
913	387168.93, 3750448.71	4.666	10.02	9.414	2.27E-04	4.88E-04	4.58E-04	3.16E-04	6.78E-04	6.37E-04	1.12E-03	2.40E-03	2.26E-03
914	387168.93, 3750473.71	4.786	10.23	9.626	2.33E-04	4.98E-04	4.69E-04	3.24E-04	6.92E-04	6.51E-04	1.15E-03	2.45E-03	2.31E-03
915	387168.93, 3750498.71	4.842	10.41	9.77	2.36E-04	5.07E-04	4.76E-04	3.28E-04	7.04E-04	6.61E-04	1.16E-03	2.50E-03	2.34E-03
916	387168.93, 3750523.71	4.925	10.6	9.943	2.40E-04	5.16E-04	4.84E-04	3.33E-04	7.17E-04	6.73E-04	1.18E-03	2.54E-03	2.38E-03
917	387168.93, 3750548.71	4.996	10.79	10.11	2.43E-04	5.25E-04	4.92E-04	3.38E-04	7.30E-04	6.84E-04	1.20E-03	2.59E-03	2.42E-03
918	387168.93, 3750573.71	5.101	10.99	10.33	2.48E-04	5.35E-04	5.03E-04	3.45E-04	7.44E-04	6.99E-04	1.22E-03	2.63E-03	2.48E-03
919	387168.93, 3750598.71	5.218	11.2	10.57	2.54E-04	5.45E-04	5.15E-04	3.53E-04	7.58E-04	7.15E-04	1.25E-03	2.69E-03	2.53E-03
920	387168.93, 3750623.71	5.349	11.47	10.82	2.60E-04	5.59E-04	5.27E-04	3.62E-04	7.76E-04	7.32E-04	1.28E-03	2.75E-03	2.59E-03
921	387168.93, 3750648.71	5.454	11.72	11.06	2.66E-04	5.71E-04	5.38E-04	3.69E-04	7.93E-04	7.48E-04	1.31E-03	2.81E-03	2.65E-03
922	387168.93, 3750673.71	5.589	12.01	11.33	2.72E-04	5.85E-04	5.52E-04	3.78E-04	8.12E-04	7.67E-04	1.34E-03	2.88E-03	2.72E-03
923	387168.93, 3750698.71	5.642	12.18	11.5	2.75E-04	5.93E-04	5.60E-04	3.82E-04	8.24E-04	7.78E-04	1.35E-03	2.92E-03	2.76E-03
924	387168.93, 3750723.71	5.779	12.47	11.78	2.81E-04	6.07E-04	5.74E-04	3.91E-04	8.44E-04	7.97E-04	1.39E-03	2.99E-03	2.82E-03
925	387168.93, 3750748.71	6.011	12.89	12.17	2.93E-04	6.27E-04	5.93E-04	4.07E-04	8.72E-04	8.23E-04	1.44E-03	3.09E-03	2.92E-03
926	387168.93, 3750773.71	6.159	13.22	12.48	3.00E-04	6.43E-04	6.08E-04	4.17E-04	8.94E-04	8.44E-04	1.48E-03	3.17E-03	2.99E-03
927	387168.93, 3750798.71	6.27	13.5	12.73	3.05E-04	6.57E-04	6.20E-04	4.24E-04	9.13E-04	8.61E-04	1.50E-03	3.24E-03	3.05E-03
928	387168.93, 3750823.71	6.36	13.77	12.95	3.10E-04	6.71E-04	6.31E-04	4.30E-04	9.32E-04	8.76E-04	1.52E-03	3.30E-03	3.10E-03
929	387168.93, 3750848.71	6.529	14.16	13.28	3.18E-04	6.89E-04	6.47E-04	4.42E-04	9.58E-04	8.99E-04	1.56E-03	3.39E-03	3.18E-03
930	387168.93, 3750873.71	6.786	14.68	13.77	3.30E-04	7.15E-04	6.71E-04	4.59E-04	9.93E-04	9.32E-04	1.63E-03	3.52E-03	3.30E-03
931	387168.93, 3750898.71	7.121	15.34	14.41	3.47E-04	7.47E-04	7.02E-04	4.82E-04	1.04E-03	9.75E-04	1.71E-03	3.68E-03	3.45E-03
932	387168.93, 3750923.71	7.198	15.59	14.58	3.50E-04	7.59E-04	7.10E-04	4.87E-04	1.05E-03	9.86E-04	1.73E-03	3.74E-03	3.49E-03
933	387168.93, 3750948.71	7.426	16.07	14.96	3.62E-04	7.83E-04	7.28E-04	5.02E-04	1.09E-03	1.01E-03	1.78E-03	3.85E-03	3.59E-03
934	387168.93, 3750973.71	7.703	16.67	15.47	3.75E-04	8.12E-04	7.53E-04	5.21E-04	1.13E-03	1.05E-03	1.85E-03	4.00E-03	3.71E-03
935	387168.93, 3750998.71	8.105	17.45	16.22	3.95E-04	8.50E-04	7.90E-04	5.48E-04	1.18E-03	1.10E-03	1.94E-03	4.18E-03	3.89E-03
936	387168.93, 3751023.71	8.512	18.29	17.02	4.14E-04	8.90E-04	8.29E-04	5.76E-04	1.24E-03	1.15E-03	2.04E-03	4.38E-03	4.08E-03
937	387168.93, 3751048.71	8.717	18.84	17.46	4.24E-04	9.17E-04	8.50E-04	5.90E-04	1.27E-03	1.18E-03	2.09E-03	4.51E-03	4.18E-03
938	387168.93, 3751073.71	8.916	19.36	17.78	4.34E-04	9.43E-04	8.66E-04	6.03E-04	1.31E-03	1.20E-03	2.14E-03	4.64E-03	4.26E-03

939	387168.93, 3751098.71	9.238	20.14	18.36	4.50E-04	9.80E-04	8.94E-04	6.25E-04	1.36E-03	1.24E-03	2.21E-03	4.83E-03	4.40E-03
940	387168.93, 3751123.71	9.532	20.86	18.96	4.64E-04	1.02E-03	9.23E-04	6.45E-04	1.41E-03	1.28E-03	2.28E-03	5.00E-03	4.54E-03
941	387168.93, 3751148.71	9.977	22.01	19.98	4.86E-04	1.07E-03	9.73E-04	6.75E-04	1.49E-03	1.35E-03	2.39E-03	5.27E-03	4.79E-03
942	387168.93, 3751173.71	10.56	23.34	21.02	5.14E-04	1.14E-03	1.02E-03	7.14E-04	1.58E-03	1.42E-03	2.53E-03	5.59E-03	5.04E-03
943	387168.93, 3751198.71	10.99	24.32	21.92	5.35E-04	1.18E-03	1.07E-03	7.43E-04	1.64E-03	1.48E-03	2.63E-03	5.83E-03	5.25E-03
944	387168.93, 3751223.71	11.59	25.88	23.07	5.64E-04	1.26E-03	1.12E-03	7.84E-04	1.75E-03	1.56E-03	2.78E-03	6.20E-03	5.53E-03
945	387168.93, 3751248.71	12.19	27.21	24.18	5.94E-04	1.32E-03	1.18E-03	8.25E-04	1.84E-03	1.64E-03	2.92E-03	6.52E-03	5.80E-03
946	387168.93, 3751273.71	12.81	28.99	25.38	6.24E-04	1.41E-03	1.24E-03	8.66E-04	1.96E-03	1.72E-03	3.07E-03	6.95E-03	6.08E-03
947	387168.93, 3751298.71	18.11	39.19	34.67	8.82E-04	1.91E-03	1.69E-03	1.23E-03	2.65E-03	2.35E-03	4.34E-03	9.39E-03	8.31E-03
948	387168.93, 3751323.71	19.38	41.83	36.81	9.44E-04	2.04E-03	1.79E-03	1.31E-03	2.83E-03	2.49E-03	4.65E-03	1.00E-02	8.82E-03
949	387193.93, 3748973.71	1.697	3.703	3.477	8.26E-05	1.80E-04	1.69E-04	1.15E-04	2.50E-04	2.35E-04	4.07E-04	8.88E-04	8.33E-04
950	387193.93, 3748998.71	1.802	3.797	3.659	8.78E-05	1.85E-04	1.78E-04	1.22E-04	2.57E-04	2.48E-04	4.32E-04	9.10E-04	8.77E-04
951	387193.93, 3749023.71	1.903	3.964	3.835	9.26E-05	1.93E-04	1.87E-04	1.29E-04	2.68E-04	2.59E-04	4.56E-04	9.50E-04	9.19E-04
952	387193.93, 3749048.71	1.988	4.125	3.99	9.68E-05	2.01E-04	1.94E-04	1.34E-04	2.79E-04	2.70E-04	4.76E-04	9.89E-04	9.56E-04
953	387193.93, 3749073.71	2.072	4.285	4.145	1.01E-04	2.09E-04	2.02E-04	1.40E-04	2.90E-04	2.80E-04	4.97E-04	1.03E-03	9.94E-04
954	387193.93, 3749098.71	2.134	4.491	4.265	1.04E-04	2.19E-04	2.08E-04	1.44E-04	3.04E-04	2.88E-04	5.12E-04	1.08E-03	1.02E-03
955	387193.93, 3749123.71	2.197	4.672	4.389	1.07E-04	2.27E-04	2.14E-04	1.49E-04	3.16E-04	2.97E-04	5.27E-04	1.12E-03	1.05E-03
956	387193.93, 3749148.71	2.261	4.834	4.516	1.10E-04	2.35E-04	2.20E-04	1.53E-04	3.27E-04	3.05E-04	5.42E-04	1.16E-03	1.08E-03
957	387193.93, 3749173.71	2.32	5.002	4.634	1.13E-04	2.44E-04	2.26E-04	1.57E-04	3.38E-04	3.13E-04	5.56E-04	1.20E-03	1.11E-03
958	387193.93, 3749198.71	2.381	5.131	4.757	1.16E-04	2.50E-04	2.32E-04	1.61E-04	3.47E-04	3.22E-04	5.71E-04	1.23E-03	1.14E-03
959	387193.93, 3749223.71	2.441	5.241	4.879	1.19E-04	2.55E-04	2.38E-04	1.65E-04	3.55E-04	3.30E-04	5.85E-04	1.26E-03	1.17E-03
960	387193.93, 3749248.71	2.507	5.32	5.01	1.22E-04	2.59E-04	2.44E-04	1.70E-04	3.60E-04	3.39E-04	6.01E-04	1.28E-03	1.20E-03
961	387193.93, 3749273.71	2.569	5.419	5.134	1.25E-04	2.64E-04	2.50E-04	1.74E-04	3.67E-04	3.47E-04	6.16E-04	1.30E-03	1.23E-03
962	387193.93, 3749298.71	2.632	5.52	5.26	1.28E-04	2.69E-04	2.56E-04	1.78E-04	3.73E-04	3.56E-04	6.31E-04	1.32E-03	1.26E-03
963	387193.93, 3749323.71	2.675	5.641	5.35	1.30E-04	2.75E-04	2.60E-04	1.81E-04	3.82E-04	3.62E-04	6.41E-04	1.35E-03	1.28E-03
964	387193.93, 3749348.71	2.73	5.746	5.461	1.33E-04	2.80E-04	2.66E-04	1.85E-04	3.89E-04	3.69E-04	6.54E-04	1.38E-03	1.31E-03
965	387193.93, 3749373.71	2.788	5.84	5.578	1.36E-04	2.84E-04	2.72E-04	1.89E-04	3.95E-04	3.77E-04	6.68E-04	1.40E-03	1.34E-03
966	387193.93, 3749398.71	2.845	5.92	5.691	1.39E-04	2.88E-04	2.77E-04	1.92E-04	4.00E-04	3.85E-04	6.82E-04	1.42E-03	1.36E-03
967	387193.93, 3749423.71	2.887	6.046	5.778	1.41E-04	2.94E-04	2.81E-04	1.95E-04	4.09E-04	3.91E-04	6.92E-04	1.45E-03	1.38E-03
968	387193.93, 3749448.71	2.928	6.192	5.84	1.43E-04	3.01E-04	2.84E-04	1.98E-04	4.19E-04	3.95E-04	7.02E-04	1.48E-03	1.40E-03
969	387193.93, 3749473.71	2.961	6.341	5.956	1.44E-04	3.09E-04	2.90E-04	2.00E-04	4.29E-04	4.03E-04	7.10E-04	1.52E-03	1.43E-03
970	387193.93, 3749498.71	2.988	6.495	6.163	1.45E-04	3.16E-04	3.00E-04	2.02E-04	4.39E-04	4.17E-04	7.16E-04	1.56E-03	1.48E-03
971	387193.93, 3749523.71	3.042	6.598	6.269	1.48E-04	3.21E-04	3.05E-04	2.06E-04	4.46E-04	4.24E-04	7.29E-04	1.58E-03	1.50E-03
972	387193.93, 3749548.71	3.091	6.704	6.38	1.51E-04	3.26E-04	3.11E-04	2.09E-04	4.53E-04	4.32E-04	7.41E-04	1.61E-03	1.53E-03
973	387193.93, 3749573.71	3.146	6.787	6.447	1.53E-04	3.30E-04	3.14E-04	2.13E-04	4.59E-04	4.36E-04	7.54E-04	1.63E-03	1.55E-03
974	387193.93, 3749598.71	3.197	6.87	6.522	1.56E-04	3.34E-04	3.18E-04	2.16E-04	4.65E-04	4.41E-04	7.66E-04	1.65E-03	1.56E-03
975	387193.93, 3749623.71	3.242	6.97	6.63	1.58E-04	3.39E-04	3.23E-04	2.19E-04	4.72E-04	4.49E-04	7.77E-04	1.67E-03	1.59E-03
976	387193.93, 3749648.71	3.307	7.019	6.662	1.61E-04	3.42E-04	3.24E-04	2.24E-04	4.75E-04	4.51E-04	7.93E-04	1.68E-03	1.60E-03
977	387193.93, 3749673.71	3.335	7.145	6.819	1.62E-04	3.48E-04	3.32E-04	2.26E-04	4.83E-04	4.61E-04	7.99E-04	1.71E-03	1.63E-03
978	387193.93, 3749698.71	3.384	7.248	6.929	1.65E-04	3.53E-04	3.37E-04	2.29E-04	4.90E-04	4.69E-04	8.11E-04	1.74E-03	1.66E-03
979	387193.93, 3749723.71	3.425	7.375	7.048	1.67E-04	3.59E-04	3.43E-04	2.32E-04	4.99E-04	4.77E-04	8.21E-04	1.77E-03	1.69E-03

980	387193.93, 3749748.71	3.474	7.486	7.143	1.69E-04	3.64E-04	3.48E-04	2.35E-04	5.06E-04	4.83E-04	8.33E-04	1.79E-03	1.71E-03
981	387193.93, 3749773.71	3.518	7.592	7.225	1.71E-04	3.70E-04	3.52E-04	2.38E-04	5.14E-04	4.89E-04	8.43E-04	1.82E-03	1.73E-03
982	387193.93, 3749798.71	3.563	7.692	7.31	1.73E-04	3.75E-04	3.56E-04	2.41E-04	5.20E-04	4.94E-04	8.54E-04	1.84E-03	1.75E-03
983	387193.93, 3749823.71	3.614	7.785	7.392	1.76E-04	3.79E-04	3.60E-04	2.44E-04	5.27E-04	5.00E-04	8.66E-04	1.87E-03	1.77E-03
984	387193.93, 3749848.71	3.648	7.906	7.504	1.78E-04	3.85E-04	3.65E-04	2.47E-04	5.35E-04	5.08E-04	8.74E-04	1.90E-03	1.80E-03
985	387193.93, 3749873.71	3.706	8.011	7.588	1.80E-04	3.90E-04	3.69E-04	2.51E-04	5.42E-04	5.13E-04	8.88E-04	1.92E-03	1.82E-03
986	387193.93, 3749898.71	3.748	8.117	7.667	1.82E-04	3.95E-04	3.73E-04	2.54E-04	5.49E-04	5.19E-04	8.98E-04	1.95E-03	1.84E-03
987	387193.93, 3749923.71	3.828	8.224	7.745	1.86E-04	4.00E-04	3.77E-04	2.59E-04	5.56E-04	5.24E-04	9.18E-04	1.97E-03	1.86E-03
988	387193.93, 3749948.71	3.852	8.318	7.86	1.88E-04	4.05E-04	3.83E-04	2.61E-04	5.63E-04	5.32E-04	9.23E-04	1.99E-03	1.88E-03
989	387193.93, 3749973.71	3.904	8.459	7.991	1.90E-04	4.12E-04	3.89E-04	2.64E-04	5.72E-04	5.41E-04	9.36E-04	2.03E-03	1.92E-03
990	387193.93, 3749998.71	3.965	8.598	8.099	1.93E-04	4.19E-04	3.94E-04	2.68E-04	5.82E-04	5.48E-04	9.50E-04	2.06E-03	1.94E-03
991	387193.93, 3750023.71	4.06	8.738	8.176	1.98E-04	4.25E-04	3.98E-04	2.75E-04	5.91E-04	5.53E-04	9.73E-04	2.09E-03	1.96E-03
992	387193.93, 3750048.71	4.114	8.87	8.305	2.00E-04	4.32E-04	4.04E-04	2.78E-04	6.00E-04	5.62E-04	9.86E-04	2.13E-03	1.99E-03
993	387193.93, 3750073.71	4.163	8.996	8.421	2.03E-04	4.38E-04	4.10E-04	2.82E-04	6.09E-04	5.70E-04	9.98E-04	2.16E-03	2.02E-03
994	387193.93, 3750098.71	4.26	9.155	8.557	2.07E-04	4.46E-04	4.17E-04	2.88E-04	6.19E-04	5.79E-04	1.02E-03	2.19E-03	2.05E-03
995	387193.93, 3750123.71	4.338	9.327	8.707	2.11E-04	4.54E-04	4.24E-04	2.93E-04	6.31E-04	5.89E-04	1.04E-03	2.24E-03	2.09E-03
996	387193.93, 3750148.71	4.436	9.494	8.892	2.16E-04	4.62E-04	4.33E-04	3.00E-04	6.42E-04	6.01E-04	1.06E-03	2.28E-03	2.13E-03
997	387193.93, 3750173.71	4.501	9.662	9.029	2.19E-04	4.70E-04	4.40E-04	3.04E-04	6.54E-04	6.11E-04	1.08E-03	2.32E-03	2.16E-03
998	387193.93, 3750198.71	4.597	9.825	9.221	2.24E-04	4.78E-04	4.49E-04	3.11E-04	6.65E-04	6.24E-04	1.10E-03	2.35E-03	2.21E-03
999	387193.93, 3750223.71	4.673	9.989	9.384	2.28E-04	4.86E-04	4.57E-04	3.16E-04	6.76E-04	6.35E-04	1.12E-03	2.39E-03	2.25E-03
1000	387193.93, 3750248.71	4.792	10.18	9.612	2.33E-04	4.96E-04	4.68E-04	3.24E-04	6.89E-04	6.50E-04	1.15E-03	2.44E-03	2.30E-03
1001	387193.93, 3750273.71	4.875	10.37	9.789	2.37E-04	5.05E-04	4.77E-04	3.30E-04	7.02E-04	6.62E-04	1.17E-03	2.49E-03	2.35E-03
1002	387193.93, 3750298.71	4.966	10.58	9.971	2.42E-04	5.15E-04	4.85E-04	3.36E-04	7.15E-04	6.74E-04	1.19E-03	2.54E-03	2.39E-03
1003	387193.93, 3750323.71	5.061	10.78	10.15	2.46E-04	5.25E-04	4.94E-04	3.42E-04	7.29E-04	6.87E-04	1.21E-03	2.58E-03	2.43E-03
1004	387193.93, 3750348.71	5.185	11.01	10.38	2.52E-04	5.36E-04	5.05E-04	3.51E-04	7.45E-04	7.02E-04	1.24E-03	2.64E-03	2.49E-03
1005	387193.93, 3750373.71	5.291	11.25	10.59	2.58E-04	5.47E-04	5.16E-04	3.58E-04	7.61E-04	7.16E-04	1.27E-03	2.70E-03	2.54E-03
1006	387193.93, 3750398.71	5.345	11.43	10.78	2.60E-04	5.56E-04	5.25E-04	3.62E-04	7.73E-04	7.29E-04	1.28E-03	2.74E-03	2.58E-03
1007	387193.93, 3750423.71	5.442	11.64	10.98	2.65E-04	5.67E-04	5.35E-04	3.68E-04	7.88E-04	7.43E-04	1.30E-03	2.79E-03	2.63E-03
1008	387193.93, 3750448.71	5.574	11.93	11.25	2.71E-04	5.81E-04	5.48E-04	3.77E-04	8.07E-04	7.61E-04	1.34E-03	2.86E-03	2.70E-03
1009	387193.93, 3750473.71	5.715	12.22	11.53	2.78E-04	5.95E-04	5.61E-04	3.87E-04	8.26E-04	7.80E-04	1.37E-03	2.93E-03	2.76E-03
1010	387193.93, 3750498.71	5.822	12.46	11.76	2.83E-04	6.07E-04	5.73E-04	3.94E-04	8.43E-04	7.95E-04	1.40E-03	2.99E-03	2.82E-03
1011	387193.93, 3750523.71	5.931	12.72	12.02	2.89E-04	6.19E-04	5.85E-04	4.01E-04	8.60E-04	8.13E-04	1.42E-03	3.05E-03	2.88E-03
1012	387193.93, 3750548.71	6.07	13.02	12.31	2.96E-04	6.34E-04	5.99E-04	4.11E-04	8.81E-04	8.33E-04	1.45E-03	3.12E-03	2.95E-03
1013	387193.93, 3750573.71	6.234	13.38	12.64	3.04E-04	6.52E-04	6.16E-04	4.22E-04	9.05E-04	8.55E-04	1.49E-03	3.21E-03	3.03E-03
1014	387193.93, 3750598.71	6.413	13.77	12.98	3.12E-04	6.70E-04	6.32E-04	4.34E-04	9.31E-04	8.78E-04	1.54E-03	3.30E-03	3.11E-03
1015	387193.93, 3750623.71	6.625	14.21	13.43	3.23E-04	6.92E-04	6.54E-04	4.48E-04	9.61E-04	9.09E-04	1.59E-03	3.41E-03	3.22E-03
1016	387193.93, 3750648.71	6.79	14.6	13.77	3.31E-04	7.11E-04	6.71E-04	4.59E-04	9.88E-04	9.32E-04	1.63E-03	3.50E-03	3.30E-03
1017	387193.93, 3750673.71	7	15.04	14.17	3.41E-04	7.32E-04	6.90E-04	4.74E-04	1.02E-03	9.58E-04	1.68E-03	3.60E-03	3.40E-03
1018	387193.93, 3750698.71	6.983	15.2	14.18	3.40E-04	7.40E-04	6.90E-04	4.72E-04	1.03E-03	9.59E-04	1.67E-03	3.64E-03	3.40E-03
1019	387193.93, 3750723.71	7.351	15.87	14.85	3.58E-04	7.73E-04	7.23E-04	4.97E-04	1.07E-03	1.00E-03	1.76E-03	3.80E-03	3.56E-03
1020	387193.93, 3750748.71	7.651	16.48	15.41	3.72E-04	8.02E-04	7.50E-04	5.18E-04	1.11E-03	1.04E-03	1.83E-03	3.95E-03	3.69E-03

1021	387193.93, 3750773.71	7.903	17.06	15.91	3.85E-04	8.31E-04	7.74E-04	5.35E-04	1.15E-03	1.08E-03	1.89E-03	4.09E-03	3.81E-03
1022	387193.93, 3750798.71	8.206	17.69	16.46	4.00E-04	8.61E-04	8.02E-04	5.55E-04	1.20E-03	1.11E-03	1.97E-03	4.24E-03	3.95E-03
1023	387193.93, 3750823.71	8.547	18.44	17.07	4.16E-04	8.98E-04	8.31E-04	5.78E-04	1.25E-03	1.15E-03	2.05E-03	4.42E-03	4.09E-03
1024	387193.93, 3750848.71	8.904	19.21	17.73	4.34E-04	9.35E-04	8.63E-04	6.02E-04	1.30E-03	1.20E-03	2.13E-03	4.60E-03	4.25E-03
1025	387193.93, 3750873.71	9.341	20.18	18.58	4.55E-04	9.83E-04	9.05E-04	6.32E-04	1.37E-03	1.26E-03	2.24E-03	4.84E-03	4.45E-03
1026	387193.93, 3750898.71	9.817	21.32	19.56	4.78E-04	1.04E-03	9.52E-04	6.64E-04	1.44E-03	1.32E-03	2.35E-03	5.11E-03	4.69E-03
1027	387193.93, 3750923.71	10.13	21.98	20.09	4.93E-04	1.07E-03	9.78E-04	6.85E-04	1.49E-03	1.36E-03	2.43E-03	5.27E-03	4.82E-03
1028	387193.93, 3750948.71	10.44	22.81	20.77	5.08E-04	1.11E-03	1.01E-03	7.06E-04	1.54E-03	1.41E-03	2.50E-03	5.47E-03	4.98E-03
1029	387193.93, 3750973.71	10.95	24.02	21.67	5.33E-04	1.17E-03	1.06E-03	7.41E-04	1.62E-03	1.47E-03	2.62E-03	5.76E-03	5.19E-03
1030	387193.93, 3750998.71	11.61	25.51	23.04	5.65E-04	1.24E-03	1.12E-03	7.85E-04	1.73E-03	1.56E-03	2.78E-03	6.11E-03	5.52E-03
1031	387193.93, 3751023.71	12.75	28.12	25.26	6.21E-04	1.37E-03	1.23E-03	8.62E-04	1.90E-03	1.71E-03	3.06E-03	6.74E-03	6.05E-03
1032	387193.93, 3751048.71	13.24	29.3	26.12	6.45E-04	1.43E-03	1.27E-03	8.96E-04	1.98E-03	1.77E-03	3.17E-03	7.02E-03	6.26E-03
1033	387193.93, 3751073.71	13.02	29.39	25.81	6.34E-04	1.43E-03	1.26E-03	8.81E-04	1.99E-03	1.75E-03	3.12E-03	7.04E-03	6.19E-03
1034	387193.93, 3751098.71	20.72	43.54	38.93	1.01E-03	2.12E-03	1.90E-03	1.40E-03	2.94E-03	2.63E-03	4.97E-03	1.04E-02	9.33E-03
1035	387193.93, 3751123.71	22.83	48.65	42.84	1.11E-03	2.37E-03	2.09E-03	1.54E-03	3.29E-03	2.90E-03	5.47E-03	1.17E-02	1.03E-02
1036	387218.93, 3748973.71	1.877	3.95	3.819	9.14E-05	1.92E-04	1.86E-04	1.27E-04	2.67E-04	2.58E-04	4.50E-04	9.47E-04	9.15E-04
1037	387218.93, 3748998.71	1.989	4.151	3.999	9.68E-05	2.02E-04	1.95E-04	1.35E-04	2.81E-04	2.71E-04	4.77E-04	9.95E-04	9.59E-04
1038	387218.93, 3749023.71	2.091	4.342	4.191	1.02E-04	2.11E-04	2.04E-04	1.41E-04	2.94E-04	2.83E-04	5.01E-04	1.04E-03	1.00E-03
1039	387218.93, 3749048.71	2.196	4.534	4.386	1.07E-04	2.21E-04	2.14E-04	1.49E-04	3.07E-04	2.97E-04	5.26E-04	1.09E-03	1.05E-03
1040	387218.93, 3749073.71	2.277	4.766	4.538	1.11E-04	2.32E-04	2.21E-04	1.54E-04	3.22E-04	3.07E-04	5.46E-04	1.14E-03	1.09E-03
1041	387218.93, 3749098.71	2.36	4.966	4.698	1.15E-04	2.42E-04	2.29E-04	1.60E-04	3.36E-04	3.18E-04	5.66E-04	1.19E-03	1.13E-03
1042	387218.93, 3749123.71	2.434	5.169	4.845	1.19E-04	2.52E-04	2.36E-04	1.65E-04	3.50E-04	3.28E-04	5.83E-04	1.24E-03	1.16E-03
1043	387218.93, 3749148.71	2.51	5.336	4.996	1.22E-04	2.60E-04	2.43E-04	1.70E-04	3.61E-04	3.38E-04	6.02E-04	1.28E-03	1.20E-03
1044	387218.93, 3749173.71	2.581	5.508	5.138	1.26E-04	2.68E-04	2.50E-04	1.75E-04	3.73E-04	3.48E-04	6.19E-04	1.32E-03	1.23E-03
1045	387218.93, 3749198.71	2.649	5.659	5.276	1.29E-04	2.76E-04	2.57E-04	1.79E-04	3.83E-04	3.57E-04	6.35E-04	1.36E-03	1.26E-03
1046	387218.93, 3749223.71	2.721	5.777	5.419	1.32E-04	2.81E-04	2.64E-04	1.84E-04	3.91E-04	3.67E-04	6.52E-04	1.38E-03	1.30E-03
1047	387218.93, 3749248.71	2.793	5.878	5.563	1.36E-04	2.86E-04	2.71E-04	1.89E-04	3.98E-04	3.76E-04	6.69E-04	1.41E-03	1.33E-03
1048	387218.93, 3749273.71	2.87	5.986	5.716	1.40E-04	2.91E-04	2.78E-04	1.94E-04	4.05E-04	3.87E-04	6.88E-04	1.43E-03	1.37E-03
1049	387218.93, 3749298.71	2.932	6.121	5.843	1.43E-04	2.98E-04	2.84E-04	1.98E-04	4.14E-04	3.95E-04	7.03E-04	1.47E-03	1.40E-03
1050	387218.93, 3749323.71	2.978	6.268	5.937	1.45E-04	3.05E-04	2.89E-04	2.01E-04	4.24E-04	4.02E-04	7.14E-04	1.50E-03	1.42E-03
1051	387218.93, 3749348.71	3.053	6.375	6.088	1.49E-04	3.10E-04	2.96E-04	2.07E-04	4.31E-04	4.12E-04	7.32E-04	1.53E-03	1.46E-03
1052	387218.93, 3749373.71	3.112	6.501	6.206	1.51E-04	3.17E-04	3.02E-04	2.10E-04	4.40E-04	4.20E-04	7.46E-04	1.56E-03	1.49E-03
1053	387218.93, 3749398.71	3.171	6.61	6.327	1.54E-04	3.22E-04	3.08E-04	2.15E-04	4.47E-04	4.28E-04	7.60E-04	1.58E-03	1.52E-03
1054	387218.93, 3749423.71	3.225	6.746	6.436	1.57E-04	3.28E-04	3.13E-04	2.18E-04	4.56E-04	4.35E-04	7.73E-04	1.62E-03	1.54E-03
1055	387218.93, 3749448.71	3.271	6.914	6.506	1.59E-04	3.37E-04	3.17E-04	2.21E-04	4.68E-04	4.40E-04	7.84E-04	1.66E-03	1.56E-03
1056	387218.93, 3749473.71	3.312	7.077	6.582	1.61E-04	3.45E-04	3.20E-04	2.24E-04	4.79E-04	4.45E-04	7.94E-04	1.70E-03	1.58E-03
1057	387218.93, 3749498.71	3.343	7.252	6.805	1.63E-04	3.53E-04	3.31E-04	2.26E-04	4.91E-04	4.60E-04	8.01E-04	1.74E-03	1.63E-03
1058	387218.93, 3749523.71	3.405	7.372	6.928	1.66E-04	3.59E-04	3.37E-04	2.30E-04	4.99E-04	4.69E-04	8.16E-04	1.77E-03	1.66E-03
1059	387218.93, 3749548.71	3.463	7.495	7.056	1.69E-04	3.65E-04	3.44E-04	2.34E-04	5.07E-04	4.77E-04	8.30E-04	1.80E-03	1.69E-03
1060	387218.93, 3749573.71	3.532	7.582	7.114	1.72E-04	3.69E-04	3.46E-04	2.39E-04	5.13E-04	4.81E-04	8.46E-04	1.82E-03	1.71E-03
1061	387218.93, 3749598.71	3.593	7.683	7.209	1.75E-04	3.74E-04	3.51E-04	2.43E-04	5.20E-04	4.88E-04	8.61E-04	1.84E-03	1.73E-03

1062	387218.93, 3749623.71	3.646	7.803	7.356	1.78E-04	3.80E-04	3.58E-04	2.47E-04	5.28E-04	4.98E-04	8.74E-04	1.87E-03	1.76E-03
1063	387218.93, 3749648.71	3.724	7.871	7.415	1.81E-04	3.83E-04	3.61E-04	2.52E-04	5.32E-04	5.02E-04	8.93E-04	1.89E-03	1.78E-03
1064	387218.93, 3749673.71	3.756	8.017	7.591	1.83E-04	3.90E-04	3.70E-04	2.54E-04	5.42E-04	5.13E-04	9.00E-04	1.92E-03	1.82E-03
1065	387218.93, 3749698.71	3.811	8.154	7.728	1.86E-04	3.97E-04	3.76E-04	2.58E-04	5.52E-04	5.23E-04	9.13E-04	1.95E-03	1.85E-03
1066	387218.93, 3749723.71	3.865	8.291	7.857	1.88E-04	4.04E-04	3.83E-04	2.61E-04	5.61E-04	5.31E-04	9.26E-04	1.99E-03	1.88E-03
1067	387218.93, 3749748.71	3.932	8.418	7.964	1.91E-04	4.10E-04	3.88E-04	2.66E-04	5.69E-04	5.39E-04	9.42E-04	2.02E-03	1.91E-03
1068	387218.93, 3749773.71	3.989	8.552	8.072	1.94E-04	4.16E-04	3.93E-04	2.70E-04	5.78E-04	5.46E-04	9.56E-04	2.05E-03	1.93E-03
1069	387218.93, 3749798.71	4.037	8.669	8.172	1.97E-04	4.22E-04	3.98E-04	2.73E-04	5.86E-04	5.53E-04	9.68E-04	2.08E-03	1.96E-03
1070	387218.93, 3749823.71	4.11	8.784	8.277	2.00E-04	4.28E-04	4.03E-04	2.78E-04	5.94E-04	5.60E-04	9.85E-04	2.11E-03	1.98E-03
1071	387218.93, 3749848.71	4.162	8.914	8.389	2.03E-04	4.34E-04	4.08E-04	2.82E-04	6.03E-04	5.67E-04	9.98E-04	2.14E-03	2.01E-03
1072	387218.93, 3749873.71	4.217	9.066	8.518	2.05E-04	4.41E-04	4.15E-04	2.85E-04	6.13E-04	5.76E-04	1.01E-03	2.17E-03	2.04E-03
1073	387218.93, 3749898.71	4.276	9.2	8.617	2.08E-04	4.48E-04	4.20E-04	2.89E-04	6.22E-04	5.83E-04	1.02E-03	2.20E-03	2.07E-03
1074	387218.93, 3749923.71	4.385	9.348	8.779	2.13E-04	4.55E-04	4.27E-04	2.97E-04	6.32E-04	5.94E-04	1.05E-03	2.24E-03	2.10E-03
1075	387218.93, 3749948.71	4.428	9.47	8.89	2.16E-04	4.61E-04	4.33E-04	3.00E-04	6.41E-04	6.01E-04	1.06E-03	2.27E-03	2.13E-03
1076	387218.93, 3749973.71	4.493	9.625	9.022	2.19E-04	4.69E-04	4.39E-04	3.04E-04	6.51E-04	6.10E-04	1.08E-03	2.31E-03	2.16E-03
1077	387218.93, 3749998.71	4.551	9.821	9.168	2.22E-04	4.78E-04	4.46E-04	3.08E-04	6.64E-04	6.20E-04	1.09E-03	2.35E-03	2.20E-03
1078	387218.93, 3750023.71	4.671	10.01	9.361	2.27E-04	4.87E-04	4.56E-04	3.16E-04	6.77E-04	6.33E-04	1.12E-03	2.40E-03	2.24E-03
1079	387218.93, 3750048.71	4.721	10.17	9.488	2.30E-04	4.95E-04	4.62E-04	3.19E-04	6.88E-04	6.42E-04	1.13E-03	2.44E-03	2.27E-03
1080	387218.93, 3750073.71	4.822	10.35	9.685	2.35E-04	5.04E-04	4.72E-04	3.26E-04	7.00E-04	6.55E-04	1.16E-03	2.48E-03	2.32E-03
1081	387218.93, 3750098.71	4.951	10.56	9.922	2.41E-04	5.14E-04	4.83E-04	3.35E-04	7.15E-04	6.71E-04	1.19E-03	2.53E-03	2.38E-03
1082	387218.93, 3750123.71	5.062	10.8	10.13	2.46E-04	5.26E-04	4.93E-04	3.42E-04	7.30E-04	6.85E-04	1.21E-03	2.59E-03	2.43E-03
1083	387218.93, 3750148.71	5.204	11.05	10.39	2.53E-04	5.38E-04	5.06E-04	3.52E-04	7.47E-04	7.03E-04	1.25E-03	2.65E-03	2.49E-03
1084	387218.93, 3750173.71	5.265	11.24	10.58	2.56E-04	5.47E-04	5.15E-04	3.56E-04	7.60E-04	7.16E-04	1.26E-03	2.69E-03	2.54E-03
1085	387218.93, 3750198.71	5.382	11.49	10.83	2.62E-04	5.60E-04	5.27E-04	3.64E-04	7.77E-04	7.33E-04	1.29E-03	2.75E-03	2.60E-03
1086	387218.93, 3750223.71	5.561	11.83	11.14	2.71E-04	5.76E-04	5.42E-04	3.76E-04	8.00E-04	7.54E-04	1.33E-03	2.83E-03	2.67E-03
1087	387218.93, 3750248.71	5.72	12.15	11.45	2.79E-04	5.92E-04	5.57E-04	3.87E-04	8.22E-04	7.75E-04	1.37E-03	2.91E-03	2.74E-03
1088	387218.93, 3750273.71	5.835	12.43	11.72	2.84E-04	6.05E-04	5.71E-04	3.95E-04	8.41E-04	7.93E-04	1.40E-03	2.98E-03	2.81E-03
1089	387218.93, 3750298.71	5.996	12.76	12.03	2.92E-04	6.21E-04	5.86E-04	4.06E-04	8.63E-04	8.14E-04	1.44E-03	3.06E-03	2.88E-03
1090	387218.93, 3750323.71	6.147	13.07	12.33	2.99E-04	6.36E-04	6.00E-04	4.16E-04	8.84E-04	8.34E-04	1.47E-03	3.13E-03	2.95E-03
1091	387218.93, 3750348.71	6.299	13.38	12.63	3.07E-04	6.51E-04	6.15E-04	4.26E-04	9.05E-04	8.55E-04	1.51E-03	3.21E-03	3.03E-03
1092	387218.93, 3750373.71	6.478	13.77	12.98	3.15E-04	6.70E-04	6.32E-04	4.38E-04	9.31E-04	8.78E-04	1.55E-03	3.30E-03	3.11E-03
1093	387218.93, 3750398.71	6.5	13.95	13.19	3.16E-04	6.79E-04	6.42E-04	4.40E-04	9.43E-04	8.92E-04	1.56E-03	3.34E-03	3.16E-03
1094	387218.93, 3750423.71	6.739	14.43	13.63	3.28E-04	7.03E-04	6.64E-04	4.56E-04	9.76E-04	9.22E-04	1.62E-03	3.46E-03	3.27E-03
1095	387218.93, 3750448.71	6.927	14.86	14.01	3.37E-04	7.23E-04	6.82E-04	4.69E-04	1.00E-03	9.48E-04	1.66E-03	3.56E-03	3.36E-03
1096	387218.93, 3750473.71	7.172	15.36	14.48	3.49E-04	7.48E-04	7.05E-04	4.85E-04	1.04E-03	9.79E-04	1.72E-03	3.68E-03	3.47E-03
1097	387218.93, 3750498.71	7.322	15.71	14.74	3.57E-04	7.65E-04	7.18E-04	4.95E-04	1.06E-03	9.97E-04	1.75E-03	3.77E-03	3.53E-03
1098	387218.93, 3750523.71	7.556	16.22	15.2	3.68E-04	7.90E-04	7.40E-04	5.11E-04	1.10E-03	1.03E-03	1.81E-03	3.89E-03	3.64E-03
1099	387218.93, 3750548.71	7.824	16.82	15.72	3.81E-04	8.19E-04	7.66E-04	5.29E-04	1.14E-03	1.06E-03	1.88E-03	4.03E-03	3.77E-03
1100	387218.93, 3750573.71	8.103	17.47	16.28	3.94E-04	8.50E-04	7.93E-04	5.48E-04	1.18E-03	1.10E-03	1.94E-03	4.19E-03	3.90E-03
1101	387218.93, 3750598.71	8.424	18.14	16.89	4.10E-04	8.83E-04	8.22E-04	5.70E-04	1.23E-03	1.14E-03	2.02E-03	4.35E-03	4.05E-03
1102	387218.93, 3750623.71	8.857	19.02	17.65	4.31E-04	9.26E-04	8.59E-04	5.99E-04	1.29E-03	1.19E-03	2.12E-03	4.56E-03	4.23E-03

1103	387218.93, 3750648.71	9.098	19.67	18.18	4.43E-04	9.58E-04	8.85E-04	6.15E-04	1.33E-03	1.23E-03	2.18E-03	4.72E-03	4.36E-03
1104	387218.93, 3750673.71	9.373	20.34	18.69	4.56E-04	9.90E-04	9.10E-04	6.34E-04	1.38E-03	1.26E-03	2.25E-03	4.87E-03	4.48E-03
1105	387218.93, 3750698.71	9.801	21.33	19.48	4.77E-04	1.04E-03	9.48E-04	6.63E-04	1.44E-03	1.32E-03	2.35E-03	5.11E-03	4.67E-03
1106	387218.93, 3750723.71	10.26	22.34	20.35	4.99E-04	1.09E-03	9.91E-04	6.94E-04	1.51E-03	1.38E-03	2.46E-03	5.35E-03	4.88E-03
1107	387218.93, 3750748.71	10.78	23.56	21.41	5.25E-04	1.15E-03	1.04E-03	7.29E-04	1.59E-03	1.45E-03	2.58E-03	5.65E-03	5.13E-03
1108	387218.93, 3750773.71	11.33	24.91	22.46	5.51E-04	1.21E-03	1.09E-03	7.66E-04	1.68E-03	1.52E-03	2.71E-03	5.97E-03	5.38E-03
1109	387218.93, 3750798.71	11.65	25.67	23.11	5.67E-04	1.25E-03	1.13E-03	7.88E-04	1.74E-03	1.56E-03	2.79E-03	6.15E-03	5.54E-03
1110	387218.93, 3750823.71	12.14	27.1	24.1	5.91E-04	1.32E-03	1.17E-03	8.21E-04	1.83E-03	1.63E-03	2.91E-03	6.49E-03	5.78E-03
1111	387218.93, 3750848.71	13.05	29.12	25.68	6.35E-04	1.42E-03	1.25E-03	8.83E-04	1.97E-03	1.74E-03	3.13E-03	6.98E-03	6.16E-03
1112	387218.93, 3750873.71	14.17	31.82	27.88	6.90E-04	1.55E-03	1.36E-03	9.58E-04	2.15E-03	1.89E-03	3.40E-03	7.63E-03	6.68E-03
1113	387218.93, 3750898.71	19.87	43.08	37.86	9.68E-04	2.10E-03	1.84E-03	1.34E-03	2.91E-03	2.56E-03	4.76E-03	1.03E-02	9.08E-03
1114	387243.93, 3748973.71	2.076	4.346	4.173	1.01E-04	2.12E-04	2.03E-04	1.40E-04	2.94E-04	2.82E-04	4.98E-04	1.04E-03	1.00E-03
1115	387243.93, 3748998.71	2.205	4.581	4.41	1.07E-04	2.23E-04	2.15E-04	1.49E-04	3.10E-04	2.98E-04	5.29E-04	1.10E-03	1.06E-03
1116	387243.93, 3749023.71	2.333	4.814	4.654	1.14E-04	2.34E-04	2.27E-04	1.58E-04	3.26E-04	3.15E-04	5.59E-04	1.15E-03	1.12E-03
1117	387243.93, 3749048.71	2.44	5.091	4.848	1.19E-04	2.48E-04	2.36E-04	1.65E-04	3.44E-04	3.28E-04	5.85E-04	1.22E-03	1.16E-03
1118	387243.93, 3749073.71	2.538	5.343	5.037	1.24E-04	2.60E-04	2.45E-04	1.72E-04	3.61E-04	3.41E-04	6.08E-04	1.28E-03	1.21E-03
1119	387243.93, 3749098.71	2.635	5.564	5.225	1.28E-04	2.71E-04	2.54E-04	1.78E-04	3.76E-04	3.53E-04	6.32E-04	1.33E-03	1.25E-03
1120	387243.93, 3749123.71	2.728	5.765	5.408	1.33E-04	2.81E-04	2.63E-04	1.85E-04	3.90E-04	3.66E-04	6.54E-04	1.38E-03	1.30E-03
1121	387243.93, 3749148.71	2.817	5.94	5.586	1.37E-04	2.89E-04	2.72E-04	1.91E-04	4.02E-04	3.78E-04	6.75E-04	1.42E-03	1.34E-03
1122	387243.93, 3749173.71	2.904	6.106	5.758	1.41E-04	2.97E-04	2.80E-04	1.96E-04	4.13E-04	3.89E-04	6.96E-04	1.46E-03	1.38E-03
1123	387243.93, 3749198.71	2.987	6.262	5.925	1.45E-04	3.05E-04	2.88E-04	2.02E-04	4.24E-04	4.01E-04	7.16E-04	1.50E-03	1.42E-03
1124	387243.93, 3749223.71	3.074	6.409	6.097	1.50E-04	3.12E-04	2.97E-04	2.08E-04	4.34E-04	4.12E-04	7.37E-04	1.54E-03	1.46E-03
1125	387243.93, 3749248.71	3.156	6.564	6.261	1.54E-04	3.20E-04	3.05E-04	2.13E-04	4.44E-04	4.24E-04	7.56E-04	1.57E-03	1.50E-03
1126	387243.93, 3749273.71	3.233	6.708	6.415	1.57E-04	3.27E-04	3.12E-04	2.19E-04	4.54E-04	4.34E-04	7.75E-04	1.61E-03	1.54E-03
1127	387243.93, 3749298.71	3.307	6.858	6.565	1.61E-04	3.34E-04	3.20E-04	2.24E-04	4.64E-04	4.44E-04	7.93E-04	1.64E-03	1.57E-03
1128	387243.93, 3749323.71	3.378	7.02	6.708	1.64E-04	3.42E-04	3.27E-04	2.28E-04	4.75E-04	4.54E-04	8.10E-04	1.68E-03	1.61E-03
1129	387243.93, 3749348.71	3.452	7.149	6.856	1.68E-04	3.48E-04	3.34E-04	2.33E-04	4.84E-04	4.64E-04	8.27E-04	1.71E-03	1.64E-03
1130	387243.93, 3749373.71	3.519	7.311	6.993	1.71E-04	3.56E-04	3.40E-04	2.38E-04	4.95E-04	4.73E-04	8.43E-04	1.75E-03	1.68E-03
1131	387243.93, 3749398.71	3.596	7.427	7.145	1.75E-04	3.62E-04	3.48E-04	2.43E-04	5.02E-04	4.83E-04	8.62E-04	1.78E-03	1.71E-03
1132	387243.93, 3749423.71	3.656	7.6	7.268	1.78E-04	3.70E-04	3.54E-04	2.47E-04	5.14E-04	4.92E-04	8.76E-04	1.82E-03	1.74E-03
1133	387243.93, 3749448.71	3.707	7.806	7.346	1.81E-04	3.80E-04	3.58E-04	2.51E-04	5.28E-04	4.97E-04	8.89E-04	1.87E-03	1.76E-03
1134	387243.93, 3749473.71	3.755	8.001	7.437	1.83E-04	3.90E-04	3.62E-04	2.54E-04	5.41E-04	5.03E-04	9.00E-04	1.92E-03	1.78E-03
1135	387243.93, 3749498.71	3.797	8.194	7.589	1.85E-04	3.99E-04	3.69E-04	2.57E-04	5.54E-04	5.13E-04	9.10E-04	1.96E-03	1.82E-03
1136	387243.93, 3749523.71	3.867	8.341	7.746	1.88E-04	4.06E-04	3.77E-04	2.62E-04	5.64E-04	5.24E-04	9.27E-04	2.00E-03	1.86E-03
1137	387243.93, 3749548.71	3.937	8.49	7.897	1.92E-04	4.13E-04	3.84E-04	2.66E-04	5.74E-04	5.34E-04	9.44E-04	2.03E-03	1.89E-03
1138	387243.93, 3749573.71	4.017	8.624	8.017	1.96E-04	4.20E-04	3.90E-04	2.72E-04	5.83E-04	5.42E-04	9.63E-04	2.07E-03	1.92E-03
1139	387243.93, 3749598.71	4.101	8.716	8.12	2.00E-04	4.24E-04	3.95E-04	2.77E-04	5.90E-04	5.49E-04	9.83E-04	2.09E-03	1.95E-03
1140	387243.93, 3749623.71	4.166	8.853	8.255	2.03E-04	4.31E-04	4.02E-04	2.82E-04	5.99E-04	5.58E-04	9.98E-04	2.12E-03	1.98E-03
1141	387243.93, 3749648.71	4.263	8.964	8.443	2.08E-04	4.36E-04	4.11E-04	2.88E-04	6.06E-04	5.71E-04	1.02E-03	2.15E-03	2.02E-03
1142	387243.93, 3749673.71	4.297	9.154	8.581	2.09E-04	4.46E-04	4.18E-04	2.91E-04	6.19E-04	5.80E-04	1.03E-03	2.19E-03	2.06E-03
1143	387243.93, 3749698.71	4.361	9.307	8.738	2.12E-04	4.53E-04	4.25E-04	2.95E-04	6.30E-04	5.91E-04	1.05E-03	2.23E-03	2.09E-03

1144	387243.93, 3749723.71	4.401	9.465	8.923	2.14E-04	4.61E-04	4.34E-04	2.98E-04	6.40E-04	6.04E-04	1.05E-03	2.27E-03	2.14E-03
1145	387243.93, 3749748.71	4.466	9.647	9.08	2.17E-04	4.70E-04	4.42E-04	3.02E-04	6.53E-04	6.14E-04	1.07E-03	2.31E-03	2.18E-03
1146	387243.93, 3749773.71	4.581	9.793	9.15	2.23E-04	4.77E-04	4.45E-04	3.10E-04	6.62E-04	6.19E-04	1.10E-03	2.35E-03	2.19E-03
1147	387243.93, 3749798.71	4.672	9.943	9.303	2.27E-04	4.84E-04	4.53E-04	3.16E-04	6.73E-04	6.29E-04	1.12E-03	2.38E-03	2.23E-03
1148	387243.93, 3749823.71	4.76	10.09	9.489	2.32E-04	4.91E-04	4.62E-04	3.22E-04	6.82E-04	6.42E-04	1.14E-03	2.42E-03	2.27E-03
1149	387243.93, 3749848.71	4.819	10.28	9.614	2.35E-04	5.01E-04	4.68E-04	3.26E-04	6.96E-04	6.50E-04	1.16E-03	2.46E-03	2.30E-03
1150	387243.93, 3749873.71	4.893	10.45	9.777	2.38E-04	5.09E-04	4.76E-04	3.31E-04	7.07E-04	6.61E-04	1.17E-03	2.50E-03	2.34E-03
1151	387243.93, 3749898.71	5	10.64	9.99	2.43E-04	5.18E-04	4.86E-04	3.38E-04	7.20E-04	6.76E-04	1.20E-03	2.55E-03	2.39E-03
1152	387243.93, 3749923.71	5.138	10.88	10.25	2.50E-04	5.30E-04	4.99E-04	3.48E-04	7.36E-04	6.94E-04	1.23E-03	2.61E-03	2.46E-03
1153	387243.93, 3749948.71	5.169	11.03	10.38	2.52E-04	5.37E-04	5.06E-04	3.50E-04	7.46E-04	7.02E-04	1.24E-03	2.64E-03	2.49E-03
1154	387243.93, 3749973.71	5.286	11.27	10.62	2.57E-04	5.49E-04	5.17E-04	3.58E-04	7.62E-04	7.18E-04	1.27E-03	2.70E-03	2.55E-03
1155	387243.93, 3749998.71	5.382	11.49	10.83	2.62E-04	5.60E-04	5.27E-04	3.64E-04	7.77E-04	7.33E-04	1.29E-03	2.75E-03	2.60E-03
1156	387243.93, 3750023.71	5.578	11.86	11.18	2.72E-04	5.77E-04	5.44E-04	3.77E-04	8.02E-04	7.56E-04	1.34E-03	2.84E-03	2.68E-03
1157	387243.93, 3750048.71	5.682	12.12	11.42	2.77E-04	5.90E-04	5.56E-04	3.84E-04	8.20E-04	7.72E-04	1.36E-03	2.91E-03	2.74E-03
1158	387243.93, 3750073.71	5.78	12.36	11.63	2.81E-04	6.02E-04	5.66E-04	3.91E-04	8.36E-04	7.87E-04	1.39E-03	2.96E-03	2.79E-03
1159	387243.93, 3750098.71	5.915	12.65	11.92	2.88E-04	6.16E-04	5.80E-04	4.00E-04	8.56E-04	8.06E-04	1.42E-03	3.03E-03	2.86E-03
1160	387243.93, 3750123.71	6.097	13.02	12.28	2.97E-04	6.34E-04	5.98E-04	4.12E-04	8.81E-04	8.31E-04	1.46E-03	3.12E-03	2.94E-03
1161	387243.93, 3750148.71	6.336	13.46	12.7	3.08E-04	6.56E-04	6.18E-04	4.29E-04	9.11E-04	8.59E-04	1.52E-03	3.23E-03	3.04E-03
1162	387243.93, 3750173.71	6.429	13.75	12.98	3.13E-04	6.70E-04	6.32E-04	4.35E-04	9.30E-04	8.78E-04	1.54E-03	3.30E-03	3.11E-03
1163	387243.93, 3750198.71	6.607	14.14	13.32	3.22E-04	6.89E-04	6.49E-04	4.47E-04	9.57E-04	9.01E-04	1.58E-03	3.39E-03	3.19E-03
1164	387243.93, 3750223.71	6.852	14.62	13.78	3.34E-04	7.12E-04	6.71E-04	4.63E-04	9.89E-04	9.32E-04	1.64E-03	3.50E-03	3.30E-03
1165	387243.93, 3750248.71	7.155	15.23	14.36	3.48E-04	7.41E-04	6.99E-04	4.84E-04	1.03E-03	9.71E-04	1.71E-03	3.65E-03	3.44E-03
1166	387243.93, 3750273.71	7.364	15.7	14.8	3.59E-04	7.64E-04	7.21E-04	4.98E-04	1.06E-03	1.00E-03	1.77E-03	3.76E-03	3.55E-03
1167	387243.93, 3750298.71	7.602	16.21	15.29	3.70E-04	7.89E-04	7.44E-04	5.14E-04	1.10E-03	1.03E-03	1.82E-03	3.89E-03	3.66E-03
1168	387243.93, 3750323.71	7.814	16.68	15.7	3.80E-04	8.12E-04	7.64E-04	5.29E-04	1.13E-03	1.06E-03	1.87E-03	4.00E-03	3.76E-03
1169	387243.93, 3750348.71	8.122	17.29	16.23	3.95E-04	8.42E-04	7.90E-04	5.49E-04	1.17E-03	1.10E-03	1.95E-03	4.14E-03	3.89E-03
1170	387243.93, 3750373.71	8.41	17.97	16.8	4.09E-04	8.75E-04	8.18E-04	5.69E-04	1.22E-03	1.14E-03	2.02E-03	4.31E-03	4.03E-03
1171	387243.93, 3750398.71	8.548	18.42	17.14	4.16E-04	8.97E-04	8.34E-04	5.78E-04	1.25E-03	1.16E-03	2.05E-03	4.41E-03	4.11E-03
1172	387243.93, 3750423.71	9.033	19.37	17.95	4.40E-04	9.43E-04	8.74E-04	6.11E-04	1.31E-03	1.21E-03	2.16E-03	4.64E-03	4.30E-03
1173	387243.93, 3750448.71	9.407	20.27	18.72	4.58E-04	9.87E-04	9.11E-04	6.36E-04	1.37E-03	1.27E-03	2.25E-03	4.86E-03	4.49E-03
1174	387243.93, 3750473.71	9.702	20.94	19.26	4.72E-04	1.02E-03	9.38E-04	6.56E-04	1.42E-03	1.30E-03	2.33E-03	5.02E-03	4.62E-03
1175	387243.93, 3750498.71	10.09	21.86	19.97	4.91E-04	1.06E-03	9.72E-04	6.83E-04	1.48E-03	1.35E-03	2.42E-03	5.24E-03	4.79E-03
1176	387243.93, 3750523.71	10.48	22.8	20.75	5.10E-04	1.11E-03	1.01E-03	7.09E-04	1.54E-03	1.40E-03	2.51E-03	5.47E-03	4.97E-03
1177	387243.93, 3750548.71	10.98	24.03	21.83	5.34E-04	1.17E-03	1.06E-03	7.43E-04	1.63E-03	1.48E-03	2.63E-03	5.76E-03	5.23E-03
1178	387243.93, 3750573.71	11.67	25.7	23.15	5.68E-04	1.25E-03	1.13E-03	7.89E-04	1.74E-03	1.57E-03	2.80E-03	6.16E-03	5.55E-03
1179	387243.93, 3750598.71	11.92	26.34	23.62	5.80E-04	1.28E-03	1.15E-03	8.06E-04	1.78E-03	1.60E-03	2.86E-03	6.31E-03	5.66E-03
1180	387243.93, 3750623.71	12.95	28.81	25.68	6.31E-04	1.40E-03	1.25E-03	8.76E-04	1.95E-03	1.74E-03	3.10E-03	6.91E-03	6.16E-03
1181	387243.93, 3750648.71	14.55	32.19	28.42	7.08E-04	1.57E-03	1.38E-03	9.84E-04	2.18E-03	1.92E-03	3.49E-03	7.71E-03	6.81E-03
1182	387243.93, 3750673.71	14.32	32.14	28.12	6.97E-04	1.56E-03	1.37E-03	9.68E-04	2.17E-03	1.90E-03	3.43E-03	7.70E-03	6.74E-03
1183	387243.93, 3750698.71	20.82	45.29	39.7	1.01E-03	2.21E-03	1.93E-03	1.41E-03	3.06E-03	2.69E-03	4.99E-03	1.09E-02	9.52E-03
1184	387268.93, 3748973.71	2.324	4.836	4.64	1.13E-04	2.35E-04	2.26E-04	1.57E-04	3.27E-04	3.14E-04	5.57E-04	1.16E-03	1.11E-03

1185	387268.93, 3748998.71	2.49	5.13	4.958	1.21E-04	2.50E-04	2.41E-04	1.68E-04	3.47E-04	3.35E-04	5.97E-04	1.23E-03	1.19E-03
1186	387268.93, 3749023.71	2.627	5.442	5.206	1.28E-04	2.65E-04	2.53E-04	1.78E-04	3.68E-04	3.52E-04	6.30E-04	1.30E-03	1.25E-03
1187	387268.93, 3749048.71	2.755	5.742	5.445	1.34E-04	2.80E-04	2.65E-04	1.86E-04	3.88E-04	3.68E-04	6.60E-04	1.38E-03	1.31E-03
1188	387268.93, 3749073.71	2.875	6.022	5.678	1.40E-04	2.93E-04	2.76E-04	1.94E-04	4.07E-04	3.84E-04	6.89E-04	1.44E-03	1.36E-03
1189	387268.93, 3749098.71	2.991	6.262	5.903	1.46E-04	3.05E-04	2.87E-04	2.02E-04	4.24E-04	3.99E-04	7.17E-04	1.50E-03	1.41E-03
1190	387268.93, 3749123.71	3.101	6.48	6.121	1.51E-04	3.16E-04	2.98E-04	2.10E-04	4.38E-04	4.14E-04	7.43E-04	1.55E-03	1.47E-03
1191	387268.93, 3749148.71	3.216	6.651	6.344	1.57E-04	3.24E-04	3.09E-04	2.18E-04	4.50E-04	4.29E-04	7.71E-04	1.59E-03	1.52E-03
1192	387268.93, 3749173.71	3.322	6.842	6.552	1.62E-04	3.33E-04	3.19E-04	2.25E-04	4.63E-04	4.43E-04	7.96E-04	1.64E-03	1.57E-03
1193	387268.93, 3749198.71	3.413	7.064	6.738	1.66E-04	3.44E-04	3.28E-04	2.31E-04	4.78E-04	4.56E-04	8.18E-04	1.69E-03	1.61E-03
1194	387268.93, 3749223.71	3.517	7.216	6.941	1.71E-04	3.51E-04	3.38E-04	2.38E-04	4.88E-04	4.70E-04	8.43E-04	1.73E-03	1.66E-03
1195	387268.93, 3749248.71	3.61	7.401	7.129	1.76E-04	3.60E-04	3.47E-04	2.44E-04	5.01E-04	4.82E-04	8.65E-04	1.77E-03	1.71E-03
1196	387268.93, 3749273.71	3.696	7.625	7.302	1.80E-04	3.71E-04	3.56E-04	2.50E-04	5.16E-04	4.94E-04	8.86E-04	1.83E-03	1.75E-03
1197	387268.93, 3749298.71	3.787	7.796	7.484	1.84E-04	3.80E-04	3.64E-04	2.56E-04	5.27E-04	5.06E-04	9.08E-04	1.87E-03	1.79E-03
1198	387268.93, 3749323.71	3.872	7.994	7.656	1.89E-04	3.89E-04	3.73E-04	2.62E-04	5.41E-04	5.18E-04	9.28E-04	1.92E-03	1.84E-03
1199	387268.93, 3749348.71	3.963	8.152	7.837	1.93E-04	3.97E-04	3.82E-04	2.68E-04	5.51E-04	5.30E-04	9.50E-04	1.95E-03	1.88E-03
1200	387268.93, 3749373.71	4.031	8.362	7.978	1.96E-04	4.07E-04	3.88E-04	2.73E-04	5.66E-04	5.40E-04	9.66E-04	2.00E-03	1.91E-03
1201	387268.93, 3749398.71	4.132	8.529	8.175	2.01E-04	4.15E-04	3.98E-04	2.80E-04	5.77E-04	5.53E-04	9.90E-04	2.04E-03	1.96E-03
1202	387268.93, 3749423.71	4.196	8.729	8.292	2.04E-04	4.25E-04	4.04E-04	2.84E-04	5.90E-04	5.61E-04	1.01E-03	2.09E-03	1.99E-03
1203	387268.93, 3749448.71	4.263	8.979	8.413	2.08E-04	4.37E-04	4.10E-04	2.88E-04	6.07E-04	5.69E-04	1.02E-03	2.15E-03	2.02E-03
1204	387268.93, 3749473.71	4.315	9.195	8.517	2.10E-04	4.48E-04	4.15E-04	2.92E-04	6.22E-04	5.76E-04	1.03E-03	2.20E-03	2.04E-03
1205	387268.93, 3749498.71	4.391	9.398	8.658	2.14E-04	4.58E-04	4.22E-04	2.97E-04	6.36E-04	5.86E-04	1.05E-03	2.25E-03	2.08E-03
1206	387268.93, 3749523.71	4.477	9.595	8.817	2.18E-04	4.67E-04	4.29E-04	3.03E-04	6.49E-04	5.96E-04	1.07E-03	2.30E-03	2.11E-03
1207	387268.93, 3749548.71	4.567	9.781	8.991	2.22E-04	4.76E-04	4.38E-04	3.09E-04	6.62E-04	6.08E-04	1.09E-03	2.34E-03	2.15E-03
1208	387268.93, 3749573.71	4.657	9.962	9.171	2.27E-04	4.85E-04	4.47E-04	3.15E-04	6.74E-04	6.20E-04	1.12E-03	2.39E-03	2.20E-03
1209	387268.93, 3749598.71	4.778	10.08	9.431	2.33E-04	4.91E-04	4.59E-04	3.23E-04	6.82E-04	6.38E-04	1.15E-03	2.42E-03	2.26E-03
1210	387268.93, 3749623.71	4.868	10.25	9.61	2.37E-04	4.99E-04	4.68E-04	3.29E-04	6.93E-04	6.50E-04	1.17E-03	2.46E-03	2.30E-03
1211	387268.93, 3749648.71	4.995	10.43	9.847	2.43E-04	5.08E-04	4.79E-04	3.38E-04	7.05E-04	6.66E-04	1.20E-03	2.50E-03	2.36E-03
1212	387268.93, 3749673.71	5.023	10.65	9.932	2.45E-04	5.19E-04	4.84E-04	3.40E-04	7.20E-04	6.72E-04	1.20E-03	2.55E-03	2.38E-03
1213	387268.93, 3749698.71	5.106	10.83	10.11	2.49E-04	5.27E-04	4.92E-04	3.45E-04	7.33E-04	6.84E-04	1.22E-03	2.60E-03	2.42E-03
1214	387268.93, 3749723.71	5.189	11.04	10.29	2.53E-04	5.38E-04	5.01E-04	3.51E-04	7.47E-04	6.96E-04	1.24E-03	2.65E-03	2.47E-03
1215	387268.93, 3749748.71	5.275	11.26	10.47	2.57E-04	5.48E-04	5.10E-04	3.57E-04	7.62E-04	7.08E-04	1.26E-03	2.70E-03	2.51E-03
1216	387268.93, 3749773.71	5.38	11.48	10.7	2.62E-04	5.59E-04	5.21E-04	3.64E-04	7.76E-04	7.24E-04	1.29E-03	2.75E-03	2.56E-03
1217	387268.93, 3749798.71	5.514	11.68	10.98	2.68E-04	5.68E-04	5.34E-04	3.73E-04	7.90E-04	7.42E-04	1.32E-03	2.80E-03	2.63E-03
1218	387268.93, 3749823.71	5.637	11.91	11.23	2.74E-04	5.80E-04	5.47E-04	3.81E-04	8.06E-04	7.59E-04	1.35E-03	2.85E-03	2.69E-03
1219	387268.93, 3749848.71	5.728	12.14	11.45	2.79E-04	5.91E-04	5.57E-04	3.87E-04	8.22E-04	7.75E-04	1.37E-03	2.91E-03	2.74E-03
1220	387268.93, 3749873.71	5.852	12.44	11.72	2.85E-04	6.06E-04	5.71E-04	3.96E-04	8.42E-04	7.93E-04	1.40E-03	2.98E-03	2.81E-03
1221	387268.93, 3749898.71	6.004	12.77	12.04	2.92E-04	6.22E-04	5.86E-04	4.06E-04	8.64E-04	8.15E-04	1.44E-03	3.06E-03	2.89E-03
1222	387268.93, 3749923.71	6.224	13.21	12.47	3.03E-04	6.43E-04	6.07E-04	4.21E-04	8.93E-04	8.43E-04	1.49E-03	3.17E-03	2.99E-03
1223	387268.93, 3749948.71	6.278	13.43	12.66	3.06E-04	6.54E-04	6.16E-04	4.25E-04	9.08E-04	8.56E-04	1.50E-03	3.22E-03	3.03E-03
1224	387268.93, 3749973.71	6.408	13.73	12.92	3.12E-04	6.68E-04	6.29E-04	4.33E-04	9.29E-04	8.74E-04	1.54E-03	3.29E-03	3.10E-03
1225	387268.93, 3749998.71	6.6	14.15	13.32	3.21E-04	6.89E-04	6.49E-04	4.46E-04	9.57E-04	9.01E-04	1.58E-03	3.39E-03	3.19E-03

1226	387268.93, 3750023.71	6.913	14.74	13.88	3.37E-04	7.18E-04	6.76E-04	4.68E-04	9.97E-04	9.39E-04	1.66E-03	3.53E-03	3.33E-03
1227	387268.93, 3750048.71	7.085	15.18	14.28	3.45E-04	7.39E-04	6.95E-04	4.79E-04	1.03E-03	9.66E-04	1.70E-03	3.64E-03	3.42E-03
1228	387268.93, 3750073.71	7.225	15.52	14.56	3.52E-04	7.55E-04	7.09E-04	4.89E-04	1.05E-03	9.85E-04	1.73E-03	3.72E-03	3.49E-03
1229	387268.93, 3750098.71	7.517	16.11	15.07	3.66E-04	7.84E-04	7.34E-04	5.08E-04	1.09E-03	1.02E-03	1.80E-03	3.86E-03	3.61E-03
1230	387268.93, 3750123.71	7.813	16.72	15.62	3.80E-04	8.14E-04	7.60E-04	5.28E-04	1.13E-03	1.06E-03	1.87E-03	4.01E-03	3.74E-03
1231	387268.93, 3750148.71	8.176	17.45	16.31	3.98E-04	8.50E-04	7.94E-04	5.53E-04	1.18E-03	1.10E-03	1.96E-03	4.18E-03	3.91E-03
1232	387268.93, 3750173.71	8.441	18.1	16.85	4.11E-04	8.81E-04	8.21E-04	5.71E-04	1.22E-03	1.14E-03	2.02E-03	4.34E-03	4.04E-03
1233	387268.93, 3750198.71	8.794	18.83	17.52	4.28E-04	9.17E-04	8.53E-04	5.95E-04	1.27E-03	1.18E-03	2.11E-03	4.51E-03	4.20E-03
1234	387268.93, 3750223.71	9.214	19.72	18.28	4.49E-04	9.60E-04	8.90E-04	6.23E-04	1.33E-03	1.24E-03	2.21E-03	4.73E-03	4.38E-03
1235	387268.93, 3750248.71	9.729	20.85	19.3	4.74E-04	1.01E-03	9.40E-04	6.58E-04	1.41E-03	1.31E-03	2.33E-03	5.00E-03	4.63E-03
1236	387268.93, 3750273.71	10.27	21.94	20.29	5.00E-04	1.07E-03	9.88E-04	6.95E-04	1.48E-03	1.37E-03	2.46E-03	5.26E-03	4.86E-03
1237	387268.93, 3750298.71	10.7	23.03	21.16	5.21E-04	1.12E-03	1.03E-03	7.24E-04	1.56E-03	1.43E-03	2.56E-03	5.52E-03	5.07E-03
1238	387268.93, 3750323.71	11.13	23.94	21.92	5.42E-04	1.17E-03	1.07E-03	7.53E-04	1.62E-03	1.48E-03	2.67E-03	5.74E-03	5.25E-03
1239	387268.93, 3750348.71	11.59	25.05	22.86	5.64E-04	1.22E-03	1.11E-03	7.84E-04	1.69E-03	1.55E-03	2.78E-03	6.00E-03	5.48E-03
1240	387268.93, 3750373.71	12.4	27.05	24.49	6.04E-04	1.32E-03	1.19E-03	8.39E-04	1.83E-03	1.66E-03	2.97E-03	6.48E-03	5.87E-03
1241	387268.93, 3750398.71	12.78	27.91	25.16	6.22E-04	1.36E-03	1.22E-03	8.64E-04	1.89E-03	1.70E-03	3.06E-03	6.69E-03	6.03E-03
1242	387268.93, 3750423.71	13.8	30.3	26.92	6.72E-04	1.48E-03	1.31E-03	9.33E-04	2.05E-03	1.82E-03	3.31E-03	7.26E-03	6.45E-03
1243	387268.93, 3750448.71	17.65	37.83	33.7	8.59E-04	1.84E-03	1.64E-03	1.19E-03	2.56E-03	2.28E-03	4.23E-03	9.07E-03	8.08E-03
1244	387268.93, 3750473.71	17.84	38.58	34.03	8.69E-04	1.88E-03	1.66E-03	1.21E-03	2.61E-03	2.30E-03	4.28E-03	9.25E-03	8.16E-03
1245	387268.93, 3750498.71	23.67	50.08	44.06	1.15E-03	2.44E-03	2.15E-03	1.60E-03	3.39E-03	2.98E-03	5.67E-03	1.20E-02	1.06E-02
1246	387293.93, 3748973.71	2.661	5.48	5.294	1.30E-04	2.67E-04	2.58E-04	1.80E-04	3.71E-04	3.58E-04	6.38E-04	1.31E-03	1.27E-03
1247	387293.93, 3748998.71	2.844	5.846	5.618	1.38E-04	2.85E-04	2.74E-04	1.92E-04	3.95E-04	3.80E-04	6.82E-04	1.40E-03	1.35E-03
1248	387293.93, 3749023.71	3.018	6.189	5.937	1.47E-04	3.01E-04	2.89E-04	2.04E-04	4.19E-04	4.02E-04	7.23E-04	1.48E-03	1.42E-03
1249	387293.93, 3749048.71	3.168	6.569	6.224	1.54E-04	3.20E-04	3.03E-04	2.14E-04	4.44E-04	4.21E-04	7.59E-04	1.57E-03	1.49E-03
1250	387293.93, 3749073.71	3.316	6.866	6.51	1.61E-04	3.34E-04	3.17E-04	2.24E-04	4.64E-04	4.40E-04	7.95E-04	1.65E-03	1.56E-03
1251	387293.93, 3749098.71	3.458	7.127	6.786	1.68E-04	3.47E-04	3.30E-04	2.34E-04	4.82E-04	4.59E-04	8.29E-04	1.71E-03	1.63E-03
1252	387293.93, 3749123.71	3.601	7.35	7.062	1.75E-04	3.58E-04	3.44E-04	2.44E-04	4.97E-04	4.78E-04	8.63E-04	1.76E-03	1.69E-03
1253	387293.93, 3749148.71	3.729	7.592	7.315	1.82E-04	3.70E-04	3.56E-04	2.52E-04	5.14E-04	4.95E-04	8.94E-04	1.82E-03	1.75E-03
1254	387293.93, 3749173.71	3.856	7.84	7.564	1.88E-04	3.82E-04	3.68E-04	2.61E-04	5.30E-04	5.12E-04	9.24E-04	1.88E-03	1.81E-03
1255	387293.93, 3749198.71	3.969	8.092	7.792	1.93E-04	3.94E-04	3.79E-04	2.68E-04	5.47E-04	5.27E-04	9.51E-04	1.94E-03	1.87E-03
1256	387293.93, 3749223.71	4.087	8.323	8.025	1.99E-04	4.05E-04	3.91E-04	2.76E-04	5.63E-04	5.43E-04	9.80E-04	1.99E-03	1.92E-03
1257	387293.93, 3749248.71	4.179	8.599	8.218	2.03E-04	4.19E-04	4.00E-04	2.83E-04	5.82E-04	5.56E-04	1.00E-03	2.06E-03	1.97E-03
1258	387293.93, 3749273.71	4.312	8.801	8.474	2.10E-04	4.28E-04	4.13E-04	2.92E-04	5.95E-04	5.73E-04	1.03E-03	2.11E-03	2.03E-03
1259	387293.93, 3749298.71	4.425	9.03	8.697	2.15E-04	4.40E-04	4.23E-04	2.99E-04	6.11E-04	5.88E-04	1.06E-03	2.16E-03	2.08E-03
1260	387293.93, 3749323.71	4.534	9.278	8.915	2.21E-04	4.52E-04	4.34E-04	3.07E-04	6.28E-04	6.03E-04	1.09E-03	2.22E-03	2.14E-03
1261	387293.93, 3749348.71	4.649	9.5	9.141	2.26E-04	4.63E-04	4.45E-04	3.14E-04	6.43E-04	6.18E-04	1.11E-03	2.28E-03	2.19E-03
1262	387293.93, 3749373.71	4.757	9.741	9.357	2.32E-04	4.74E-04	4.56E-04	3.22E-04	6.59E-04	6.33E-04	1.14E-03	2.33E-03	2.24E-03
1263	387293.93, 3749398.71	4.874	9.975	9.586	2.37E-04	4.86E-04	4.67E-04	3.30E-04	6.75E-04	6.48E-04	1.17E-03	2.39E-03	2.30E-03
1264	387293.93, 3749423.71	4.978	10.21	9.795	2.42E-04	4.97E-04	4.77E-04	3.37E-04	6.91E-04	6.63E-04	1.19E-03	2.45E-03	2.35E-03
1265	387293.93, 3749448.71	5.045	10.5	9.902	2.46E-04	5.11E-04	4.82E-04	3.41E-04	7.10E-04	6.70E-04	1.21E-03	2.52E-03	2.37E-03
1266	387293.93, 3749473.71	5.13	10.78	10.08	2.50E-04	5.25E-04	4.91E-04	3.47E-04	7.29E-04	6.82E-04	1.23E-03	2.58E-03	2.41E-03

1267	387293.93, 3749498.71	5.204	11.03	10.24	2.53E-04	5.37E-04	4.98E-04	3.52E-04	7.46E-04	6.93E-04	1.25E-03	2.64E-03	2.45E-03
1268	387293.93, 3749523.71	5.358	11.27	10.51	2.61E-04	5.49E-04	5.12E-04	3.62E-04	7.63E-04	7.11E-04	1.28E-03	2.70E-03	2.52E-03
1269	387293.93, 3749548.71	5.451	11.5	10.73	2.65E-04	5.60E-04	5.22E-04	3.69E-04	7.78E-04	7.26E-04	1.31E-03	2.76E-03	2.57E-03
1270	387293.93, 3749573.71	5.585	11.76	10.99	2.72E-04	5.73E-04	5.35E-04	3.78E-04	7.96E-04	7.44E-04	1.34E-03	2.82E-03	2.64E-03
1271	387293.93, 3749598.71	5.749	11.98	11.3	2.80E-04	5.83E-04	5.50E-04	3.89E-04	8.10E-04	7.64E-04	1.38E-03	2.87E-03	2.71E-03
1272	387293.93, 3749623.71	5.865	12.22	11.55	2.86E-04	5.95E-04	5.62E-04	3.97E-04	8.27E-04	7.81E-04	1.41E-03	2.93E-03	2.77E-03
1273	387293.93, 3749648.71	6.064	12.53	11.88	2.95E-04	6.10E-04	5.79E-04	4.10E-04	8.48E-04	8.04E-04	1.45E-03	3.00E-03	2.85E-03
1274	387293.93, 3749673.71	6.088	12.74	12.05	2.96E-04	6.20E-04	5.87E-04	4.12E-04	8.62E-04	8.15E-04	1.46E-03	3.05E-03	2.89E-03
1275	387293.93, 3749698.71	6.218	13.01	12.32	3.03E-04	6.33E-04	6.00E-04	4.21E-04	8.80E-04	8.33E-04	1.49E-03	3.12E-03	2.95E-03
1276	387293.93, 3749723.71	6.281	13.27	12.52	3.06E-04	6.46E-04	6.10E-04	4.25E-04	8.98E-04	8.47E-04	1.51E-03	3.18E-03	3.00E-03
1277	387293.93, 3749748.71	6.448	13.59	12.87	3.14E-04	6.62E-04	6.27E-04	4.36E-04	9.19E-04	8.71E-04	1.55E-03	3.26E-03	3.09E-03
1278	387293.93, 3749773.71	6.617	13.97	13.23	3.22E-04	6.80E-04	6.44E-04	4.48E-04	9.45E-04	8.95E-04	1.59E-03	3.35E-03	3.17E-03
1279	387293.93, 3749798.71	6.827	14.45	13.64	3.32E-04	7.03E-04	6.64E-04	4.62E-04	9.77E-04	9.23E-04	1.64E-03	3.46E-03	3.27E-03
1280	387293.93, 3749823.71	7.046	14.9	14.08	3.43E-04	7.26E-04	6.85E-04	4.77E-04	1.01E-03	9.52E-04	1.69E-03	3.57E-03	3.37E-03
1281	387293.93, 3749848.71	7.172	15.26	14.38	3.49E-04	7.43E-04	7.00E-04	4.85E-04	1.03E-03	9.73E-04	1.72E-03	3.66E-03	3.45E-03
1282	387293.93, 3749873.71	7.345	15.7	14.76	3.58E-04	7.65E-04	7.19E-04	4.97E-04	1.06E-03	9.99E-04	1.76E-03	3.76E-03	3.54E-03
1283	387293.93, 3749898.71	7.638	16.31	15.29	3.72E-04	7.94E-04	7.44E-04	5.17E-04	1.10E-03	1.03E-03	1.83E-03	3.91E-03	3.66E-03
1284	387293.93, 3749923.71	7.984	17.03	15.95	3.89E-04	8.29E-04	7.77E-04	5.40E-04	1.15E-03	1.08E-03	1.91E-03	4.08E-03	3.82E-03
1285	387293.93, 3749948.71	8.093	17.39	16.2	3.94E-04	8.46E-04	7.89E-04	5.47E-04	1.18E-03	1.10E-03	1.94E-03	4.17E-03	3.88E-03
1286	387293.93, 3749973.71	8.28	17.9	16.54	4.03E-04	8.72E-04	8.05E-04	5.60E-04	1.21E-03	1.12E-03	1.98E-03	4.29E-03	3.96E-03
1287	387293.93, 3749998.71	8.681	18.72	17.28	4.23E-04	9.12E-04	8.41E-04	5.87E-04	1.27E-03	1.17E-03	2.08E-03	4.49E-03	4.14E-03
1288	387293.93, 3750023.71	9.314	19.98	18.47	4.53E-04	9.73E-04	8.99E-04	6.30E-04	1.35E-03	1.25E-03	2.23E-03	4.79E-03	4.43E-03
1289	387293.93, 3750048.71	9.734	21.01	19.37	4.74E-04	1.02E-03	9.43E-04	6.58E-04	1.42E-03	1.31E-03	2.33E-03	5.04E-03	4.64E-03
1290	387293.93, 3750073.71	10.18	21.86	20.11	4.96E-04	1.06E-03	9.79E-04	6.89E-04	1.48E-03	1.36E-03	2.44E-03	5.24E-03	4.82E-03
1291	387293.93, 3750098.71	10.48	22.67	20.72	5.10E-04	1.10E-03	1.01E-03	7.09E-04	1.53E-03	1.40E-03	2.51E-03	5.43E-03	4.96E-03
1292	387293.93, 3750123.71	11.05	23.97	21.75	5.38E-04	1.17E-03	1.06E-03	7.48E-04	1.62E-03	1.47E-03	2.65E-03	5.74E-03	5.21E-03
1293	387293.93, 3750148.71	11.75	25.51	23.19	5.72E-04	1.24E-03	1.13E-03	7.95E-04	1.73E-03	1.57E-03	2.82E-03	6.11E-03	5.56E-03
1294	387293.93, 3750173.71	12.57	27.51	24.7	6.12E-04	1.34E-03	1.20E-03	8.50E-04	1.86E-03	1.67E-03	3.01E-03	6.59E-03	5.92E-03
1295	387293.93, 3750198.71	13.12	28.69	25.68	6.39E-04	1.40E-03	1.25E-03	8.87E-04	1.94E-03	1.74E-03	3.14E-03	6.88E-03	6.15E-03
1296	387293.93, 3750223.71	14.18	31.14	27.55	6.90E-04	1.52E-03	1.34E-03	9.59E-04	2.11E-03	1.86E-03	3.40E-03	7.46E-03	6.60E-03
1297	387293.93, 3750248.71	19.74	41.29	37.16	9.61E-04	2.01E-03	1.81E-03	1.34E-03	2.79E-03	2.51E-03	4.73E-03	9.90E-03	8.91E-03
1298	387293.93, 3750273.71	21.03	44.58	39.62	1.02E-03	2.17E-03	1.93E-03	1.42E-03	3.02E-03	2.68E-03	5.04E-03	1.07E-02	9.50E-03
1299	387318.93, 3748973.71	3.095	6.319	6.099	1.51E-04	3.08E-04	2.97E-04	2.09E-04	4.27E-04	4.13E-04	7.42E-04	1.51E-03	1.46E-03
1300	387318.93, 3748998.71	3.331	6.757	6.521	1.62E-04	3.29E-04	3.17E-04	2.25E-04	4.57E-04	4.41E-04	7.98E-04	1.62E-03	1.56E-03
1301	387318.93, 3749023.71	3.541	7.187	6.912	1.72E-04	3.50E-04	3.37E-04	2.40E-04	4.86E-04	4.68E-04	8.49E-04	1.72E-03	1.66E-03
1302	387318.93, 3749048.71	3.733	7.591	7.28	1.82E-04	3.70E-04	3.54E-04	2.52E-04	5.13E-04	4.92E-04	8.95E-04	1.82E-03	1.74E-03
1303	387318.93, 3749073.71	3.915	7.948	7.632	1.91E-04	3.87E-04	3.72E-04	2.65E-04	5.38E-04	5.16E-04	9.38E-04	1.91E-03	1.83E-03
1304	387318.93, 3749098.71	4.09	8.277	7.973	1.99E-04	4.03E-04	3.88E-04	2.77E-04	5.60E-04	5.39E-04	9.80E-04	1.98E-03	1.91E-03
1305	387318.93, 3749123.71	4.263	8.612	8.306	2.08E-04	4.19E-04	4.04E-04	2.88E-04	5.83E-04	5.62E-04	1.02E-03	2.06E-03	1.99E-03
1306	387318.93, 3749148.71	4.424	8.94	8.621	2.15E-04	4.35E-04	4.20E-04	2.99E-04	6.05E-04	5.83E-04	1.06E-03	2.14E-03	2.07E-03
1307	387318.93, 3749173.71	4.574	9.252	8.919	2.23E-04	4.50E-04	4.34E-04	3.09E-04	6.26E-04	6.03E-04	1.10E-03	2.22E-03	2.14E-03

1308	387318.93, 3749198.71	4.72	9.558	9.21	2.30E-04	4.65E-04	4.48E-04	3.19E-04	6.47E-04	6.23E-04	1.13E-03	2.29E-03	2.21E-03
1309	387318.93, 3749223.71	4.873	9.87	9.508	2.37E-04	4.81E-04	4.63E-04	3.30E-04	6.68E-04	6.43E-04	1.17E-03	2.37E-03	2.28E-03
1310	387318.93, 3749248.71	4.995	10.15	9.762	2.43E-04	4.94E-04	4.75E-04	3.38E-04	6.87E-04	6.60E-04	1.20E-03	2.43E-03	2.34E-03
1311	387318.93, 3749273.71	5.172	10.49	10.09	2.52E-04	5.11E-04	4.91E-04	3.50E-04	7.09E-04	6.83E-04	1.24E-03	2.51E-03	2.42E-03
1312	387318.93, 3749298.71	5.304	10.78	10.36	2.58E-04	5.25E-04	5.05E-04	3.59E-04	7.29E-04	7.01E-04	1.27E-03	2.58E-03	2.48E-03
1313	387318.93, 3749323.71	5.428	11.06	10.61	2.64E-04	5.39E-04	5.17E-04	3.67E-04	7.48E-04	7.18E-04	1.30E-03	2.65E-03	2.54E-03
1314	387318.93, 3749348.71	5.62	11.42	10.98	2.74E-04	5.56E-04	5.35E-04	3.80E-04	7.73E-04	7.43E-04	1.35E-03	2.74E-03	2.63E-03
1315	387318.93, 3749373.71	5.752	11.72	11.24	2.80E-04	5.71E-04	5.47E-04	3.89E-04	7.93E-04	7.61E-04	1.38E-03	2.81E-03	2.70E-03
1316	387318.93, 3749398.71	5.877	12	11.47	2.86E-04	5.84E-04	5.59E-04	3.98E-04	8.12E-04	7.76E-04	1.41E-03	2.88E-03	2.75E-03
1317	387318.93, 3749423.71	6.092	12.42	11.9	2.97E-04	6.05E-04	5.79E-04	4.12E-04	8.40E-04	8.05E-04	1.46E-03	2.98E-03	2.85E-03
1318	387318.93, 3749448.71	6.193	12.67	12.07	3.02E-04	6.17E-04	5.88E-04	4.19E-04	8.57E-04	8.17E-04	1.48E-03	3.04E-03	2.89E-03
1319	387318.93, 3749473.71	6.296	13.03	12.3	3.07E-04	6.35E-04	5.99E-04	4.26E-04	8.82E-04	8.32E-04	1.51E-03	3.12E-03	2.95E-03
1320	387318.93, 3749498.71	6.393	13.37	12.58	3.11E-04	6.51E-04	6.13E-04	4.32E-04	9.05E-04	8.51E-04	1.53E-03	3.21E-03	3.02E-03
1321	387318.93, 3749523.71	6.623	13.75	12.98	3.22E-04	6.70E-04	6.32E-04	4.48E-04	9.30E-04	8.78E-04	1.59E-03	3.30E-03	3.11E-03
1322	387318.93, 3749548.71	6.728	14.08	13.29	3.28E-04	6.86E-04	6.47E-04	4.55E-04	9.52E-04	8.99E-04	1.61E-03	3.37E-03	3.19E-03
1323	387318.93, 3749573.71	7.023	14.51	13.8	3.42E-04	7.06E-04	6.72E-04	4.75E-04	9.81E-04	9.33E-04	1.68E-03	3.48E-03	3.31E-03
1324	387318.93, 3749598.71	7.223	14.96	14.23	3.52E-04	7.28E-04	6.93E-04	4.89E-04	1.01E-03	9.62E-04	1.73E-03	3.59E-03	3.41E-03
1325	387318.93, 3749623.71	7.415	15.39	14.65	3.61E-04	7.49E-04	7.13E-04	5.02E-04	1.04E-03	9.91E-04	1.78E-03	3.69E-03	3.51E-03
1326	387318.93, 3749648.71	7.752	16	15.17	3.77E-04	7.79E-04	7.38E-04	5.24E-04	1.08E-03	1.03E-03	1.86E-03	3.84E-03	3.63E-03
1327	387318.93, 3749673.71	7.789	16.28	15.48	3.79E-04	7.93E-04	7.54E-04	5.27E-04	1.10E-03	1.05E-03	1.87E-03	3.90E-03	3.71E-03
1328	387318.93, 3749698.71	7.946	16.68	15.83	3.87E-04	8.12E-04	7.71E-04	5.38E-04	1.13E-03	1.07E-03	1.90E-03	4.00E-03	3.79E-03
1329	387318.93, 3749723.71	8.099	17.13	16.18	3.94E-04	8.34E-04	7.88E-04	5.48E-04	1.16E-03	1.09E-03	1.94E-03	4.11E-03	3.88E-03
1330	387318.93, 3749748.71	8.428	17.84	16.76	4.10E-04	8.68E-04	8.16E-04	5.70E-04	1.21E-03	1.13E-03	2.02E-03	4.28E-03	4.02E-03
1331	387318.93, 3749773.71	8.724	18.55	17.35	4.25E-04	9.03E-04	8.45E-04	5.90E-04	1.25E-03	1.17E-03	2.09E-03	4.45E-03	4.16E-03
1332	387318.93, 3749798.71	9.109	19.41	18.09	4.43E-04	9.45E-04	8.81E-04	6.16E-04	1.31E-03	1.22E-03	2.18E-03	4.65E-03	4.34E-03
1333	387318.93, 3749823.71	9.395	20.06	18.6	4.57E-04	9.77E-04	9.05E-04	6.35E-04	1.36E-03	1.26E-03	2.25E-03	4.81E-03	4.46E-03
1334	387318.93, 3749848.71	9.918	21.19	19.52	4.83E-04	1.03E-03	9.50E-04	6.71E-04	1.43E-03	1.32E-03	2.38E-03	5.08E-03	4.68E-03
1335	387318.93, 3749873.71	10.36	22.17	20.37	5.04E-04	1.08E-03	9.92E-04	7.01E-04	1.50E-03	1.38E-03	2.48E-03	5.31E-03	4.88E-03
1336	387318.93, 3749898.71	10.9	23.42	21.48	5.31E-04	1.14E-03	1.05E-03	7.37E-04	1.58E-03	1.45E-03	2.61E-03	5.61E-03	5.15E-03
1337	387318.93, 3749923.71	11.48	24.88	22.62	5.59E-04	1.21E-03	1.10E-03	7.76E-04	1.68E-03	1.53E-03	2.75E-03	5.96E-03	5.42E-03
1338	387318.93, 3749948.71	11.76	25.54	23.16	5.72E-04	1.24E-03	1.13E-03	7.95E-04	1.73E-03	1.57E-03	2.82E-03	6.12E-03	5.55E-03
1339	387318.93, 3749973.71	12.31	27.08	24.25	5.99E-04	1.32E-03	1.18E-03	8.33E-04	1.83E-03	1.64E-03	2.95E-03	6.49E-03	5.81E-03
1340	387318.93, 3749998.71	13.28	29.17	25.9	6.47E-04	1.42E-03	1.26E-03	8.99E-04	1.97E-03	1.75E-03	3.18E-03	6.99E-03	6.21E-03
1341	387318.93, 3750023.71	14.42	31.95	28.07	7.02E-04	1.56E-03	1.37E-03	9.75E-04	2.16E-03	1.90E-03	3.46E-03	7.66E-03	6.73E-03
1342	387318.93, 3750048.71	20.4	42.77	38.27	9.93E-04	2.08E-03	1.86E-03	1.38E-03	2.89E-03	2.59E-03	4.89E-03	1.03E-02	9.17E-03
1343	387318.93, 3750073.71	22.84	48.32	42.62	1.11E-03	2.35E-03	2.08E-03	1.54E-03	3.27E-03	2.88E-03	5.47E-03	1.16E-02	1.02E-02
1344	387343.93, 3748973.71	3.713	7.502	7.234	1.81E-04	3.65E-04	3.52E-04	2.51E-04	5.07E-04	4.89E-04	8.90E-04	1.80E-03	1.73E-03
1345	387343.93, 3748998.71	4.019	8.076	7.787	1.96E-04	3.93E-04	3.79E-04	2.72E-04	5.46E-04	5.27E-04	9.63E-04	1.94E-03	1.87E-03
1346	387343.93, 3749023.71	4.292	8.608	8.298	2.09E-04	4.19E-04	4.04E-04	2.90E-04	5.82E-04	5.61E-04	1.03E-03	2.06E-03	1.99E-03
1347	387343.93, 3749048.71	4.524	9.09	8.756	2.20E-04	4.43E-04	4.26E-04	3.06E-04	6.15E-04	5.92E-04	1.08E-03	2.18E-03	2.10E-03
1348	387343.93, 3749073.71	4.746	9.57	9.193	2.31E-04	4.66E-04	4.48E-04	3.21E-04	6.47E-04	6.22E-04	1.14E-03	2.29E-03	2.20E-03

1349	387343.93, 3749098.71	4.995	10.02	9.654	2.43E-04	4.88E-04	4.70E-04	3.38E-04	6.78E-04	6.53E-04	1.20E-03	2.40E-03	2.31E-03
1350	387343.93, 3749123.71	5.202	10.45	10.06	2.53E-04	5.09E-04	4.90E-04	3.52E-04	7.07E-04	6.81E-04	1.25E-03	2.50E-03	2.41E-03
1351	387343.93, 3749148.71	5.412	10.87	10.47	2.63E-04	5.29E-04	5.10E-04	3.66E-04	7.36E-04	7.08E-04	1.30E-03	2.61E-03	2.51E-03
1352	387343.93, 3749173.71	5.613	11.29	10.87	2.73E-04	5.50E-04	5.29E-04	3.80E-04	7.64E-04	7.35E-04	1.35E-03	2.71E-03	2.60E-03
1353	387343.93, 3749198.71	5.81	11.7	11.25	2.83E-04	5.70E-04	5.48E-04	3.93E-04	7.92E-04	7.61E-04	1.39E-03	2.80E-03	2.70E-03
1354	387343.93, 3749223.71	6.023	12.13	11.66	2.93E-04	5.91E-04	5.68E-04	4.07E-04	8.21E-04	7.89E-04	1.44E-03	2.91E-03	2.80E-03
1355	387343.93, 3749248.71	6.198	12.53	12.02	3.02E-04	6.10E-04	5.85E-04	4.19E-04	8.47E-04	8.13E-04	1.49E-03	3.00E-03	2.88E-03
1356	387343.93, 3749273.71	6.434	12.99	12.47	3.13E-04	6.32E-04	6.07E-04	4.35E-04	8.79E-04	8.43E-04	1.54E-03	3.11E-03	2.99E-03
1357	387343.93, 3749298.71	6.619	13.4	12.84	3.22E-04	6.53E-04	6.25E-04	4.48E-04	9.07E-04	8.69E-04	1.59E-03	3.21E-03	3.08E-03
1358	387343.93, 3749323.71	6.816	13.83	13.23	3.32E-04	6.74E-04	6.44E-04	4.61E-04	9.36E-04	8.95E-04	1.63E-03	3.32E-03	3.17E-03
1359	387343.93, 3749348.71	7.056	14.32	13.68	3.44E-04	6.97E-04	6.66E-04	4.77E-04	9.69E-04	9.26E-04	1.69E-03	3.43E-03	3.28E-03
1360	387343.93, 3749373.71	7.249	14.75	14.06	3.53E-04	7.18E-04	6.84E-04	4.90E-04	9.98E-04	9.51E-04	1.74E-03	3.53E-03	3.37E-03
1361	387343.93, 3749398.71	7.492	15.26	14.53	3.65E-04	7.43E-04	7.07E-04	5.07E-04	1.03E-03	9.83E-04	1.80E-03	3.66E-03	3.48E-03
1362	387343.93, 3749423.71	7.817	15.9	15.15	3.81E-04	7.74E-04	7.37E-04	5.29E-04	1.08E-03	1.02E-03	1.87E-03	3.81E-03	3.63E-03
1363	387343.93, 3749448.71	8.02	16.35	15.51	3.90E-04	7.96E-04	7.55E-04	5.43E-04	1.11E-03	1.05E-03	1.92E-03	3.92E-03	3.72E-03
1364	387343.93, 3749473.71	8.199	16.84	15.99	3.99E-04	8.20E-04	7.78E-04	5.55E-04	1.14E-03	1.08E-03	1.97E-03	4.04E-03	3.83E-03
1365	387343.93, 3749498.71	8.442	17.38	16.53	4.11E-04	8.46E-04	8.05E-04	5.71E-04	1.18E-03	1.12E-03	2.02E-03	4.17E-03	3.96E-03
1366	387343.93, 3749523.71	8.613	17.84	16.97	4.19E-04	8.69E-04	8.26E-04	5.83E-04	1.21E-03	1.15E-03	2.06E-03	4.28E-03	4.07E-03
1367	387343.93, 3749548.71	8.99	18.68	17.72	4.38E-04	9.09E-04	8.63E-04	6.08E-04	1.26E-03	1.20E-03	2.15E-03	4.48E-03	4.25E-03
1368	387343.93, 3749573.71	9.467	19.62	18.57	4.61E-04	9.55E-04	9.04E-04	6.40E-04	1.33E-03	1.26E-03	2.27E-03	4.70E-03	4.45E-03
1369	387343.93, 3749598.71	9.825	20.5	19.36	4.78E-04	9.98E-04	9.43E-04	6.65E-04	1.39E-03	1.31E-03	2.35E-03	4.91E-03	4.64E-03
1370	387343.93, 3749623.71	10.28	21.41	20.11	5.01E-04	1.04E-03	9.79E-04	6.96E-04	1.45E-03	1.36E-03	2.46E-03	5.13E-03	4.82E-03
1371	387343.93, 3749648.71	10.77	22.49	21.03	5.24E-04	1.09E-03	1.02E-03	7.28E-04	1.52E-03	1.42E-03	2.58E-03	5.39E-03	5.04E-03
1372	387343.93, 3749673.71	11.07	23.32	21.67	5.39E-04	1.14E-03	1.06E-03	7.49E-04	1.58E-03	1.47E-03	2.65E-03	5.59E-03	5.19E-03
1373	387343.93, 3749698.71	11.39	24.16	22.22	5.55E-04	1.18E-03	1.08E-03	7.70E-04	1.63E-03	1.50E-03	2.73E-03	5.79E-03	5.32E-03
1374	387343.93, 3749723.71	11.94	25.57	23.33	5.81E-04	1.25E-03	1.14E-03	8.08E-04	1.73E-03	1.58E-03	2.86E-03	6.13E-03	5.59E-03
1375	387343.93, 3749748.71	12.46	26.77	24.37	6.07E-04	1.30E-03	1.19E-03	8.43E-04	1.81E-03	1.65E-03	2.99E-03	6.42E-03	5.84E-03
1376	387343.93, 3749773.71	13.21	28.78	26.03	6.43E-04	1.40E-03	1.27E-03	8.94E-04	1.95E-03	1.76E-03	3.17E-03	6.90E-03	6.24E-03
1377	387343.93, 3749798.71	14.48	31.62	28.22	7.05E-04	1.54E-03	1.37E-03	9.79E-04	2.14E-03	1.91E-03	3.47E-03	7.58E-03	6.76E-03
1378	387343.93, 3749823.71	19.34	40.23	36.32	9.42E-04	1.96E-03	1.77E-03	1.31E-03	2.72E-03	2.46E-03	4.64E-03	9.64E-03	8.71E-03
1379	387343.93, 3749848.71	20.32	42.86	37.85	9.89E-04	2.09E-03	1.84E-03	1.37E-03	2.90E-03	2.56E-03	4.87E-03	1.03E-02	9.07E-03
1380	387343.93, 3749873.71	22.92	49.04	43.08	1.12E-03	2.39E-03	2.10E-03	1.55E-03	3.32E-03	2.91E-03	5.49E-03	1.18E-02	1.03E-02
1381	387368.93, 3748973.71	4.226	9.85	8.736	2.06E-04	4.80E-04	4.25E-04	2.86E-04	6.66E-04	5.91E-04	1.01E-03	2.36E-03	2.09E-03
1382	387368.93, 3748998.71	4.701	10.49	9.645	2.29E-04	5.11E-04	4.70E-04	3.18E-04	7.10E-04	6.52E-04	1.13E-03	2.52E-03	2.31E-03
1383	387368.93, 3749023.71	5.279	11.04	10.23	2.57E-04	5.38E-04	4.98E-04	3.57E-04	7.47E-04	6.92E-04	1.27E-03	2.65E-03	2.45E-03
1384	387368.93, 3749048.71	5.715	11.42	10.97	2.78E-04	5.56E-04	5.34E-04	3.87E-04	7.72E-04	7.42E-04	1.37E-03	2.74E-03	2.63E-03
1385	387368.93, 3749073.71	6.058	12.07	11.61	2.95E-04	5.88E-04	5.65E-04	4.10E-04	8.17E-04	7.85E-04	1.45E-03	2.89E-03	2.78E-03
1386	387368.93, 3749098.71	6.36	12.69	12.19	3.10E-04	6.18E-04	5.94E-04	4.30E-04	8.58E-04	8.25E-04	1.52E-03	3.04E-03	2.92E-03
1387	387368.93, 3749123.71	6.642	13.28	12.75	3.23E-04	6.47E-04	6.21E-04	4.49E-04	8.98E-04	8.62E-04	1.59E-03	3.18E-03	3.06E-03
1388	387368.93, 3749148.71	6.938	13.89	13.32	3.38E-04	6.76E-04	6.49E-04	4.69E-04	9.39E-04	9.01E-04	1.66E-03	3.33E-03	3.19E-03
1389	387368.93, 3749173.71	7.252	14.51	13.92	3.53E-04	7.07E-04	6.78E-04	4.91E-04	9.82E-04	9.41E-04	1.74E-03	3.48E-03	3.34E-03

1390	387368.93, 3749198.71	7.545	15.13	14.49	3.67E-04	7.37E-04	7.06E-04	5.10E-04	1.02E-03	9.80E-04	1.81E-03	3.63E-03	3.47E-03
1391	387368.93, 3749223.71	7.894	15.82	15.15	3.84E-04	7.70E-04	7.37E-04	5.34E-04	1.07E-03	1.02E-03	1.89E-03	3.79E-03	3.63E-03
1392	387368.93, 3749248.71	8.183	16.46	15.73	3.98E-04	8.01E-04	7.66E-04	5.54E-04	1.11E-03	1.06E-03	1.96E-03	3.95E-03	3.77E-03
1393	387368.93, 3749273.71	8.533	17.18	16.4	4.15E-04	8.37E-04	7.98E-04	5.77E-04	1.16E-03	1.11E-03	2.05E-03	4.12E-03	3.93E-03
1394	387368.93, 3749298.71	8.873	17.92	17.07	4.32E-04	8.72E-04	8.31E-04	6.00E-04	1.21E-03	1.15E-03	2.13E-03	4.29E-03	4.09E-03
1395	387368.93, 3749323.71	9.23	18.69	17.77	4.49E-04	9.10E-04	8.65E-04	6.24E-04	1.26E-03	1.20E-03	2.21E-03	4.48E-03	4.26E-03
1396	387368.93, 3749348.71	9.648	19.55	18.55	4.70E-04	9.52E-04	9.03E-04	6.53E-04	1.32E-03	1.25E-03	2.31E-03	4.69E-03	4.45E-03
1397	387368.93, 3749373.71	10.06	20.43	19.33	4.90E-04	9.95E-04	9.41E-04	6.81E-04	1.38E-03	1.31E-03	2.41E-03	4.90E-03	4.63E-03
1398	387368.93, 3749398.71	10.47	21.38	20.25	5.10E-04	1.04E-03	9.86E-04	7.08E-04	1.45E-03	1.37E-03	2.51E-03	5.12E-03	4.85E-03
1399	387368.93, 3749423.71	10.88	22.32	21.07	5.30E-04	1.09E-03	1.03E-03	7.36E-04	1.51E-03	1.43E-03	2.61E-03	5.35E-03	5.05E-03
1400	387368.93, 3749448.71	11.46	23.55	22.13	5.58E-04	1.15E-03	1.08E-03	7.75E-04	1.59E-03	1.50E-03	2.75E-03	5.64E-03	5.30E-03
1401	387368.93, 3749473.71	11.88	24.66	22.98	5.78E-04	1.20E-03	1.12E-03	8.03E-04	1.67E-03	1.55E-03	2.85E-03	5.91E-03	5.51E-03
1402	387368.93, 3749498.71	12.33	25.71	23.82	6.00E-04	1.25E-03	1.16E-03	8.34E-04	1.74E-03	1.61E-03	2.95E-03	6.16E-03	5.71E-03
1403	387368.93, 3749523.71	12.67	26.86	24.61	6.17E-04	1.31E-03	1.20E-03	8.57E-04	1.82E-03	1.66E-03	3.04E-03	6.44E-03	5.90E-03
1404	387368.93, 3749548.71	13.41	28.55	26.06	6.53E-04	1.39E-03	1.27E-03	9.07E-04	1.93E-03	1.76E-03	3.21E-03	6.84E-03	6.25E-03
1405	387368.93, 3749573.71	15.09	31.96	29.02	7.35E-04	1.56E-03	1.41E-03	1.02E-03	2.16E-03	1.96E-03	3.62E-03	7.66E-03	6.96E-03
1406	387368.93, 3749598.71	16.79	35.75	31.93	8.17E-04	1.74E-03	1.55E-03	1.14E-03	2.42E-03	2.16E-03	4.02E-03	8.57E-03	7.65E-03
1407	387368.93, 3749623.71	16.98	36.43	32.33	8.27E-04	1.77E-03	1.57E-03	1.15E-03	2.46E-03	2.19E-03	4.07E-03	8.73E-03	7.75E-03
1408	387368.93, 3749648.71	19.87	43.2	37.84	9.68E-04	2.10E-03	1.84E-03	1.34E-03	2.92E-03	2.56E-03	4.76E-03	1.04E-02	9.07E-03
1409	387368.93, 3749673.71	22.4	48.37	42.2	1.09E-03	2.35E-03	2.05E-03	1.52E-03	3.27E-03	2.85E-03	5.37E-03	1.16E-02	1.01E-02
1410	387393.93, 3748973.71	5.939	12.46	11.56	2.89E-04	6.07E-04	5.63E-04	4.02E-04	8.43E-04	7.82E-04	1.42E-03	2.99E-03	2.77E-03
1411	387393.93, 3748998.71	6.766	13.37	12.81	3.29E-04	6.51E-04	6.24E-04	4.58E-04	9.04E-04	8.67E-04	1.62E-03	3.20E-03	3.07E-03
1412	387393.93, 3749023.71	7.29	14.41	13.8	3.55E-04	7.02E-04	6.72E-04	4.93E-04	9.75E-04	9.34E-04	1.75E-03	3.45E-03	3.31E-03
1413	387393.93, 3749048.71	7.789	15.41	14.74	3.79E-04	7.50E-04	7.18E-04	5.27E-04	1.04E-03	9.97E-04	1.87E-03	3.69E-03	3.53E-03
1414	387393.93, 3749073.71	8.272	16.38	15.65	4.03E-04	7.98E-04	7.62E-04	5.60E-04	1.11E-03	1.06E-03	1.98E-03	3.93E-03	3.75E-03
1415	387393.93, 3749098.71	8.754	17.36	16.56	4.26E-04	8.45E-04	8.06E-04	5.92E-04	1.17E-03	1.12E-03	2.10E-03	4.16E-03	3.97E-03
1416	387393.93, 3749123.71	9.248	18.36	17.49	4.50E-04	8.94E-04	8.51E-04	6.26E-04	1.24E-03	1.18E-03	2.22E-03	4.40E-03	4.19E-03
1417	387393.93, 3749148.71	9.751	19.41	18.44	4.75E-04	9.45E-04	8.98E-04	6.60E-04	1.31E-03	1.25E-03	2.34E-03	4.65E-03	4.42E-03
1418	387393.93, 3749173.71	10.3	20.53	19.45	5.01E-04	1.00E-03	9.47E-04	6.97E-04	1.39E-03	1.32E-03	2.47E-03	4.92E-03	4.66E-03
1419	387393.93, 3749198.71	10.88	21.74	20.53	5.30E-04	1.06E-03	9.99E-04	7.36E-04	1.47E-03	1.39E-03	2.61E-03	5.21E-03	4.92E-03
1420	387393.93, 3749223.71	11.5	23.05	21.74	5.60E-04	1.12E-03	1.06E-03	7.78E-04	1.56E-03	1.47E-03	2.76E-03	5.52E-03	5.21E-03
1421	387393.93, 3749248.71	12.18	24.49	23.09	5.93E-04	1.19E-03	1.12E-03	8.24E-04	1.66E-03	1.56E-03	2.92E-03	5.87E-03	5.53E-03
1422	387393.93, 3749273.71	12.91	26.08	24.48	6.28E-04	1.27E-03	1.19E-03	8.73E-04	1.76E-03	1.66E-03	3.09E-03	6.25E-03	5.87E-03
1423	387393.93, 3749298.71	13.73	27.88	26.01	6.68E-04	1.36E-03	1.27E-03	9.29E-04	1.89E-03	1.76E-03	3.29E-03	6.68E-03	6.23E-03
1424	387393.93, 3749323.71	14.65	29.94	27.73	7.13E-04	1.46E-03	1.35E-03	9.91E-04	2.03E-03	1.88E-03	3.51E-03	7.18E-03	6.65E-03
1425	387393.93, 3749348.71	15.66	32.28	29.62	7.63E-04	1.57E-03	1.44E-03	1.06E-03	2.18E-03	2.00E-03	3.75E-03	7.74E-03	7.10E-03
1426	387393.93, 3749373.71	16.76	34.92	31.68	8.16E-04	1.70E-03	1.54E-03	1.13E-03	2.36E-03	2.14E-03	4.02E-03	8.37E-03	7.59E-03
1427	387393.93, 3749398.71	18.96	39.1	35.46	9.23E-04	1.90E-03	1.73E-03	1.28E-03	2.65E-03	2.40E-03	4.54E-03	9.37E-03	8.50E-03
1428	387393.93, 3749423.71	20.48	43.05	38.45	9.97E-04	2.10E-03	1.87E-03	1.39E-03	2.91E-03	2.60E-03	4.91E-03	1.03E-02	9.22E-03
1429	387393.93, 3749448.71	23.08	48.79	42.97	1.12E-03	2.38E-03	2.09E-03	1.56E-03	3.30E-03	2.91E-03	5.53E-03	1.17E-02	1.03E-02
1430	387418.93, 3748973.71	9.169	18.06	17.07	4.46E-04	8.79E-04	8.31E-04	6.20E-04	1.22E-03	1.15E-03	2.20E-03	4.33E-03	4.09E-03

1431	387418.93, 3748998.71	10.12	19.97	18.89	4.93E-04	9.72E-04	9.20E-04	6.85E-04	1.35E-03	1.28E-03	2.43E-03	4.79E-03	4.53E-03
1432	387418.93, 3749023.71	11.02	21.81	20.57	5.37E-04	1.06E-03	1.00E-03	7.46E-04	1.48E-03	1.39E-03	2.64E-03	5.23E-03	4.93E-03
1433	387418.93, 3749048.71	11.93	23.67	22.24	5.81E-04	1.15E-03	1.08E-03	8.07E-04	1.60E-03	1.50E-03	2.86E-03	5.67E-03	5.33E-03
1434	387418.93, 3749073.71	12.87	25.63	23.98	6.27E-04	1.25E-03	1.17E-03	8.71E-04	1.73E-03	1.62E-03	3.08E-03	6.14E-03	5.75E-03
1435	387418.93, 3749098.71	13.89	27.78	25.84	6.76E-04	1.35E-03	1.26E-03	9.39E-04	1.88E-03	1.75E-03	3.33E-03	6.66E-03	6.19E-03
1436	387418.93, 3749123.71	15	30.18	27.93	7.30E-04	1.47E-03	1.36E-03	1.01E-03	2.04E-03	1.89E-03	3.60E-03	7.23E-03	6.69E-03
1437	387418.93, 3749148.71	16.22	32.91	30.24	7.90E-04	1.60E-03	1.47E-03	1.10E-03	2.23E-03	2.05E-03	3.89E-03	7.89E-03	7.25E-03
1438	387418.93, 3749173.71	17.75	36.18	33.01	8.64E-04	1.76E-03	1.61E-03	1.20E-03	2.45E-03	2.23E-03	4.25E-03	8.67E-03	7.91E-03
1439	387418.93, 3749198.71	19.35	39.83	35.86	9.42E-04	1.94E-03	1.75E-03	1.31E-03	2.69E-03	2.43E-03	4.64E-03	9.55E-03	8.59E-03
1440	387418.93, 3749223.71	21.55	44.84	39.89	1.05E-03	2.18E-03	1.94E-03	1.46E-03	3.03E-03	2.70E-03	5.16E-03	1.07E-02	9.56E-03
1441	387418.93, 3749248.71	23.86	50.44	44.46	1.16E-03	2.46E-03	2.16E-03	1.61E-03	3.41E-03	3.01E-03	5.72E-03	1.21E-02	1.07E-02
1442	387443.93, 3748973.71	16.85	34.24	30.91	8.20E-04	1.67E-03	1.50E-03	1.14E-03	2.32E-03	2.09E-03	4.04E-03	8.21E-03	7.41E-03
1443	387443.93, 3748998.71	19.13	39.28	35.1	9.31E-04	1.91E-03	1.71E-03	1.29E-03	2.66E-03	2.37E-03	4.58E-03	9.41E-03	8.41E-03
1444	387443.93, 3749023.71	21.62	45	39.9	1.05E-03	2.19E-03	1.94E-03	1.46E-03	3.04E-03	2.70E-03	5.18E-03	1.08E-02	9.56E-03
1445	387443.93, 3749048.71	24.49	51.89	45.57	1.19E-03	2.53E-03	2.22E-03	1.66E-03	3.51E-03	3.08E-03	5.87E-03	1.24E-02	1.09E-02
1446	386594.45, 3751402.42	1.013	2.409	2.18	4.93E-05	1.17E-04	1.06E-04	6.85E-05	1.63E-04	1.47E-04	2.43E-04	5.77E-04	5.23E-04
1447	386594.45, 3751452.42	1.001	2.4	2.155	4.87E-05	1.17E-04	1.05E-04	6.77E-05	1.62E-04	1.46E-04	2.40E-04	5.75E-04	5.16E-04
1448	386594.45, 3751502.42	0.989	2.401	2.142	4.82E-05	1.17E-04	1.04E-04	6.69E-05	1.62E-04	1.45E-04	2.37E-04	5.76E-04	5.13E-04
1449	386594.45, 3751552.42	0.975	2.394	2.114	4.74E-05	1.17E-04	1.03E-04	6.59E-05	1.62E-04	1.43E-04	2.34E-04	5.74E-04	5.07E-04
1450	386594.45, 3751602.42	0.954	2.412	2.095	4.64E-05	1.17E-04	1.02E-04	6.45E-05	1.63E-04	1.42E-04	2.29E-04	5.78E-04	5.02E-04
1451	386594.45, 3751652.42	0.931	2.417	2.064	4.53E-05	1.18E-04	1.01E-04	6.30E-05	1.64E-04	1.40E-04	2.23E-04	5.79E-04	4.95E-04
1452	386594.45, 3751702.42	0.907	2.415	2.033	4.42E-05	1.18E-04	9.90E-05	6.13E-05	1.63E-04	1.38E-04	2.17E-04	5.79E-04	4.87E-04
1453	386594.45, 3751752.42	0.881	2.397	2	4.29E-05	1.17E-04	9.74E-05	5.96E-05	1.62E-04	1.35E-04	2.11E-04	5.74E-04	4.79E-04
1454	386594.45, 3751802.42	0.848	2.352	1.965	4.13E-05	1.14E-04	9.57E-05	5.74E-05	1.59E-04	1.33E-04	2.03E-04	5.64E-04	4.71E-04
1455	386594.45, 3751852.42	0.811	2.254	1.893	3.95E-05	1.10E-04	9.21E-05	5.48E-05	1.52E-04	1.28E-04	1.94E-04	5.40E-04	4.54E-04
1456	386644.45, 3750852.42	1.129	2.639	2.413	5.50E-05	1.28E-04	1.17E-04	7.63E-05	1.79E-04	1.63E-04	2.71E-04	6.33E-04	5.78E-04
1457	386644.45, 3750902.42	1.161	2.513	2.443	5.65E-05	1.22E-04	1.19E-04	7.85E-05	1.70E-04	1.65E-04	2.78E-04	6.02E-04	5.86E-04
1458	386644.45, 3750952.42	1.169	2.51	2.423	5.69E-05	1.22E-04	1.18E-04	7.91E-05	1.70E-04	1.64E-04	2.80E-04	6.01E-04	5.81E-04
1459	386644.45, 3751002.42	1.133	2.655	2.43	5.52E-05	1.29E-04	1.18E-04	7.66E-05	1.80E-04	1.64E-04	2.71E-04	6.36E-04	5.82E-04
1460	386644.45, 3751052.42	1.194	2.528	2.432	5.81E-05	1.23E-04	1.18E-04	8.08E-05	1.71E-04	1.65E-04	2.86E-04	6.06E-04	5.83E-04
1461	386644.45, 3751102.42	1.198	2.53	2.429	5.83E-05	1.23E-04	1.18E-04	8.10E-05	1.71E-04	1.64E-04	2.87E-04	6.06E-04	5.82E-04
1462	386644.45, 3751152.42	1.184	2.525	2.445	5.76E-05	1.23E-04	1.19E-04	8.01E-05	1.71E-04	1.65E-04	2.84E-04	6.05E-04	5.86E-04
1463	386644.45, 3751202.42	1.145	2.58	2.465	5.57E-05	1.26E-04	1.20E-04	7.74E-05	1.75E-04	1.67E-04	2.74E-04	6.18E-04	5.91E-04
1464	386644.45, 3751252.42	1.123	2.628	2.428	5.47E-05	1.28E-04	1.18E-04	7.60E-05	1.78E-04	1.64E-04	2.69E-04	6.30E-04	5.82E-04
1465	386644.45, 3751302.42	1.127	2.609	2.434	5.49E-05	1.27E-04	1.18E-04	7.62E-05	1.76E-04	1.65E-04	2.70E-04	6.25E-04	5.83E-04
1466	386644.45, 3751352.42	1.118	2.615	2.408	5.44E-05	1.27E-04	1.17E-04	7.56E-05	1.77E-04	1.63E-04	2.68E-04	6.27E-04	5.77E-04
1467	386644.45, 3751402.42	1.112	2.606	2.393	5.41E-05	1.27E-04	1.17E-04	7.52E-05	1.76E-04	1.62E-04	2.66E-04	6.25E-04	5.74E-04
1468	386644.45, 3751452.42	1.097	2.6	2.353	5.34E-05	1.27E-04	1.15E-04	7.42E-05	1.76E-04	1.59E-04	2.63E-04	6.23E-04	5.64E-04
1469	386644.45, 3751502.42	1.088	2.577	2.337	5.30E-05	1.25E-04	1.14E-04	7.36E-05	1.74E-04	1.58E-04	2.61E-04	6.18E-04	5.60E-04
1470	386644.45, 3751552.42	1.072	2.583	2.298	5.22E-05	1.26E-04	1.12E-04	7.25E-05	1.75E-04	1.55E-04	2.57E-04	6.19E-04	5.51E-04
1471	386644.45, 3751602.42	1.052	2.591	2.269	5.12E-05	1.26E-04	1.10E-04	7.12E-05	1.75E-04	1.53E-04	2.52E-04	6.21E-04	5.44E-04

1472	386644.45, 3751652.42	1.03	2.598	2.237	5.01E-05	1.26E-04	1.09E-04	6.97E-05	1.76E-04	1.51E-04	2.47E-04	6.23E-04	5.36E-04
1473	386644.45, 3751702.42	1.001	2.601	2.203	4.87E-05	1.27E-04	1.07E-04	6.77E-05	1.76E-04	1.49E-04	2.40E-04	6.23E-04	5.28E-04
1474	386644.45, 3751752.42	0.971	2.587	2.167	4.73E-05	1.26E-04	1.05E-04	6.57E-05	1.75E-04	1.47E-04	2.33E-04	6.20E-04	5.19E-04
1475	386644.45, 3751802.42	0.933	2.543	2.118	4.54E-05	1.24E-04	1.03E-04	6.31E-05	1.72E-04	1.43E-04	2.24E-04	6.10E-04	5.08E-04
1476	386644.45, 3751852.42	0.893	2.439	2.06	4.35E-05	1.19E-04	1.00E-04	6.04E-05	1.65E-04	1.39E-04	2.14E-04	5.84E-04	4.94E-04
1477	386694.45, 3750252.42	1.134	2.683	2.442	5.52E-05	1.31E-04	1.19E-04	7.67E-05	1.81E-04	1.65E-04	2.72E-04	6.43E-04	5.85E-04
1478	386694.45, 3750302.42	1.144	2.708	2.467	5.57E-05	1.32E-04	1.20E-04	7.74E-05	1.83E-04	1.67E-04	2.74E-04	6.49E-04	5.91E-04
1479	386694.45, 3750352.42	1.154	2.717	2.471	5.62E-05	1.32E-04	1.20E-04	7.81E-05	1.84E-04	1.67E-04	2.77E-04	6.51E-04	5.92E-04
1480	386694.45, 3750402.42	1.166	2.728	2.486	5.68E-05	1.33E-04	1.21E-04	7.89E-05	1.85E-04	1.68E-04	2.79E-04	6.54E-04	5.96E-04
1481	386694.45, 3750452.42	1.174	2.759	2.521	5.72E-05	1.34E-04	1.23E-04	7.94E-05	1.87E-04	1.71E-04	2.81E-04	6.61E-04	6.04E-04
1482	386694.45, 3750502.42	1.185	2.766	2.532	5.77E-05	1.35E-04	1.23E-04	8.01E-05	1.87E-04	1.71E-04	2.84E-04	6.63E-04	6.07E-04
1483	386694.45, 3750552.42	1.197	2.769	2.551	5.83E-05	1.35E-04	1.24E-04	8.10E-05	1.87E-04	1.73E-04	2.87E-04	6.64E-04	6.11E-04
1484	386694.45, 3750602.42	1.202	2.802	2.573	5.85E-05	1.36E-04	1.25E-04	8.13E-05	1.90E-04	1.74E-04	2.88E-04	6.72E-04	6.17E-04
1485	386694.45, 3750652.42	1.211	2.809	2.591	5.90E-05	1.37E-04	1.26E-04	8.19E-05	1.90E-04	1.75E-04	2.90E-04	6.73E-04	6.21E-04
1486	386694.45, 3750702.42	1.216	2.836	2.599	5.92E-05	1.38E-04	1.27E-04	8.23E-05	1.92E-04	1.76E-04	2.91E-04	6.80E-04	6.23E-04
1487	386694.45, 3750752.42	1.224	2.845	2.616	5.96E-05	1.38E-04	1.27E-04	8.28E-05	1.92E-04	1.77E-04	2.93E-04	6.82E-04	6.27E-04
1488	386694.45, 3750802.42	1.23	2.853	2.631	5.99E-05	1.39E-04	1.28E-04	8.32E-05	1.93E-04	1.78E-04	2.95E-04	6.84E-04	6.30E-04
1489	386694.45, 3750852.42	1.233	2.87	2.641	6.00E-05	1.40E-04	1.29E-04	8.34E-05	1.94E-04	1.79E-04	2.95E-04	6.88E-04	6.33E-04
1490	386694.45, 3750902.42	1.267	2.752	2.665	6.17E-05	1.34E-04	1.30E-04	8.57E-05	1.86E-04	1.80E-04	3.04E-04	6.60E-04	6.39E-04
1491	386694.45, 3750952.42	1.264	2.783	2.683	6.16E-05	1.35E-04	1.31E-04	8.55E-05	1.88E-04	1.81E-04	3.03E-04	6.67E-04	6.43E-04
1492	386694.45, 3751002.42	1.219	2.956	2.659	5.93E-05	1.44E-04	1.29E-04	8.24E-05	2.00E-04	1.80E-04	2.92E-04	7.09E-04	6.37E-04
1493	386694.45, 3751052.42	1.213	2.962	2.663	5.91E-05	1.44E-04	1.30E-04	8.20E-05	2.00E-04	1.80E-04	2.91E-04	7.10E-04	6.38E-04
1494	386694.45, 3751102.42	1.226	2.939	2.671	5.97E-05	1.43E-04	1.30E-04	8.29E-05	1.99E-04	1.81E-04	2.94E-04	7.04E-04	6.40E-04
1495	386694.45, 3751152.42	1.234	2.913	2.674	6.01E-05	1.42E-04	1.30E-04	8.35E-05	1.97E-04	1.81E-04	2.96E-04	6.98E-04	6.41E-04
1496	386694.45, 3751202.42	1.231	2.905	2.674	5.99E-05	1.41E-04	1.30E-04	8.33E-05	1.97E-04	1.81E-04	2.95E-04	6.96E-04	6.41E-04
1497	386694.45, 3751252.42	1.23	2.884	2.667	5.99E-05	1.40E-04	1.30E-04	8.32E-05	1.95E-04	1.80E-04	2.95E-04	6.91E-04	6.39E-04
1498	386694.45, 3751302.42	1.244	2.836	2.688	6.06E-05	1.38E-04	1.31E-04	8.41E-05	1.92E-04	1.82E-04	2.98E-04	6.80E-04	6.44E-04
1499	386694.45, 3751352.42	1.242	2.834	2.678	6.05E-05	1.38E-04	1.30E-04	8.40E-05	1.92E-04	1.81E-04	2.98E-04	6.79E-04	6.42E-04
1500	386694.45, 3751402.42	1.236	2.815	2.66	6.02E-05	1.37E-04	1.30E-04	8.36E-05	1.90E-04	1.80E-04	2.96E-04	6.75E-04	6.38E-04
1501	386694.45, 3751452.42	1.226	2.802	2.639	5.97E-05	1.36E-04	1.28E-04	8.29E-05	1.90E-04	1.79E-04	2.94E-04	6.72E-04	6.32E-04
1502	386694.45, 3751502.42	1.212	2.784	2.602	5.90E-05	1.36E-04	1.27E-04	8.20E-05	1.88E-04	1.76E-04	2.90E-04	6.67E-04	6.24E-04
1503	386694.45, 3751552.42	1.196	2.77	2.563	5.82E-05	1.35E-04	1.25E-04	8.09E-05	1.87E-04	1.73E-04	2.87E-04	6.64E-04	6.14E-04
1504	386694.45, 3751602.42	1.175	2.781	2.516	5.72E-05	1.35E-04	1.22E-04	7.95E-05	1.88E-04	1.70E-04	2.82E-04	6.67E-04	6.03E-04
1505	386694.45, 3751652.42	1.146	2.8	2.448	5.58E-05	1.36E-04	1.19E-04	7.75E-05	1.89E-04	1.66E-04	2.75E-04	6.71E-04	5.87E-04
1506	386694.45, 3751702.42	1.116	2.822	2.413	5.43E-05	1.37E-04	1.17E-04	7.55E-05	1.91E-04	1.63E-04	2.68E-04	6.76E-04	5.78E-04
1507	386694.45, 3751752.42	1.081	2.813	2.376	5.26E-05	1.37E-04	1.16E-04	7.31E-05	1.90E-04	1.61E-04	2.59E-04	6.74E-04	5.69E-04
1508	386694.45, 3751802.42	1.041	2.767	2.313	5.07E-05	1.35E-04	1.13E-04	7.04E-05	1.87E-04	1.56E-04	2.49E-04	6.63E-04	5.54E-04
1509	386694.45, 3751852.42	0.99	2.665	2.261	4.82E-05	1.30E-04	1.10E-04	6.70E-05	1.80E-04	1.53E-04	2.37E-04	6.39E-04	5.42E-04
1510	386744.45, 3749702.42	1.095	2.298	2.223	5.33E-05	1.12E-04	1.08E-04	7.41E-05	1.55E-04	1.50E-04	2.63E-04	5.51E-04	5.33E-04
1511	386744.45, 3749752.42	1.087	2.61	2.31	5.29E-05	1.27E-04	1.12E-04	7.36E-05	1.77E-04	1.56E-04	2.61E-04	6.25E-04	5.54E-04
1512	386744.45, 3749802.42	1.109	2.599	2.337	5.40E-05	1.27E-04	1.14E-04	7.50E-05	1.76E-04	1.58E-04	2.66E-04	6.23E-04	5.60E-04

1513	386744.45, 3749852.42	1.122	2.703	2.394	5.46E-05	1.32E-04	1.17E-04	7.59E-05	1.83E-04	1.62E-04	2.69E-04	6.48E-04	5.74E-04
1514	386744.45, 3749902.42	1.141	2.694	2.407	5.56E-05	1.31E-04	1.17E-04	7.72E-05	1.82E-04	1.63E-04	2.73E-04	6.46E-04	5.77E-04
1515	386744.45, 3749952.42	1.157	2.732	2.467	5.63E-05	1.33E-04	1.20E-04	7.83E-05	1.85E-04	1.67E-04	2.77E-04	6.55E-04	5.91E-04
1516	386744.45, 3750002.42	1.172	2.756	2.502	5.70E-05	1.34E-04	1.22E-04	7.93E-05	1.86E-04	1.69E-04	2.81E-04	6.61E-04	6.00E-04
1517	386744.45, 3750052.42	1.182	2.811	2.552	5.75E-05	1.37E-04	1.24E-04	7.99E-05	1.90E-04	1.73E-04	2.83E-04	6.74E-04	6.12E-04
1518	386744.45, 3750102.42	1.199	2.804	2.557	5.84E-05	1.37E-04	1.24E-04	8.11E-05	1.90E-04	1.73E-04	2.87E-04	6.72E-04	6.13E-04
1519	386744.45, 3750152.42	1.209	2.847	2.591	5.89E-05	1.39E-04	1.26E-04	8.18E-05	1.93E-04	1.75E-04	2.90E-04	6.82E-04	6.21E-04
1520	386744.45, 3750202.42	1.224	2.848	2.601	5.96E-05	1.39E-04	1.27E-04	8.28E-05	1.93E-04	1.76E-04	2.93E-04	6.83E-04	6.23E-04
1521	386744.45, 3750252.42	1.234	2.886	2.628	6.01E-05	1.41E-04	1.28E-04	8.35E-05	1.95E-04	1.78E-04	2.96E-04	6.92E-04	6.30E-04
1522	386744.45, 3750302.42	1.246	2.904	2.657	6.07E-05	1.41E-04	1.29E-04	8.43E-05	1.96E-04	1.80E-04	2.99E-04	6.96E-04	6.37E-04
1523	386744.45, 3750352.42	1.257	2.936	2.683	6.12E-05	1.43E-04	1.31E-04	8.50E-05	1.99E-04	1.81E-04	3.01E-04	7.04E-04	6.43E-04
1524	386744.45, 3750402.42	1.269	2.956	2.71	6.18E-05	1.44E-04	1.32E-04	8.59E-05	2.00E-04	1.83E-04	3.04E-04	7.09E-04	6.50E-04
1525	386744.45, 3750452.42	1.284	2.966	2.739	6.25E-05	1.44E-04	1.33E-04	8.69E-05	2.01E-04	1.85E-04	3.08E-04	7.11E-04	6.56E-04
1526	386744.45, 3750502.42	1.299	2.972	2.768	6.32E-05	1.45E-04	1.35E-04	8.78E-05	2.01E-04	1.87E-04	3.11E-04	7.12E-04	6.63E-04
1527	386744.45, 3750552.42	1.307	3.012	2.789	6.36E-05	1.47E-04	1.36E-04	8.84E-05	2.04E-04	1.89E-04	3.13E-04	7.22E-04	6.68E-04
1528	386744.45, 3750602.42	1.313	3.052	2.81	6.39E-05	1.49E-04	1.37E-04	8.88E-05	2.06E-04	1.90E-04	3.15E-04	7.31E-04	6.74E-04
1529	386744.45, 3750652.42	1.33	3.03	2.84	6.48E-05	1.48E-04	1.38E-04	9.00E-05	2.05E-04	1.92E-04	3.19E-04	7.26E-04	6.81E-04
1530	386744.45, 3750702.42	1.331	3.094	2.852	6.48E-05	1.51E-04	1.39E-04	9.00E-05	2.09E-04	1.93E-04	3.19E-04	7.42E-04	6.83E-04
1531	386744.45, 3750752.42	1.343	3.096	2.87	6.54E-05	1.51E-04	1.40E-04	9.09E-05	2.09E-04	1.94E-04	3.22E-04	7.42E-04	6.88E-04
1532	386744.45, 3750802.42	1.35	3.116	2.894	6.57E-05	1.52E-04	1.41E-04	9.13E-05	2.11E-04	1.96E-04	3.24E-04	7.47E-04	6.94E-04
1533	386744.45, 3750852.42	1.354	3.141	2.908	6.59E-05	1.53E-04	1.42E-04	9.16E-05	2.12E-04	1.97E-04	3.25E-04	7.53E-04	6.97E-04
1534	386744.45, 3750902.42	1.366	3.136	2.922	6.65E-05	1.53E-04	1.42E-04	9.24E-05	2.12E-04	1.98E-04	3.27E-04	7.52E-04	7.00E-04
1535	386744.45, 3750952.42	1.362	3.185	2.935	6.63E-05	1.55E-04	1.43E-04	9.21E-05	2.15E-04	1.99E-04	3.26E-04	7.63E-04	7.03E-04
1536	386744.45, 3751002.42	1.379	3.142	2.931	6.72E-05	1.53E-04	1.43E-04	9.33E-05	2.13E-04	1.98E-04	3.31E-04	7.53E-04	7.03E-04
1537	386744.45, 3751052.42	1.381	3.158	2.959	6.73E-05	1.54E-04	1.44E-04	9.34E-05	2.14E-04	2.00E-04	3.31E-04	7.57E-04	7.09E-04
1538	386744.45, 3751102.42	1.387	3.157	2.969	6.76E-05	1.54E-04	1.45E-04	9.39E-05	2.14E-04	2.01E-04	3.33E-04	7.57E-04	7.12E-04
1539	386744.45, 3751152.42	1.364	3.226	2.967	6.64E-05	1.57E-04	1.44E-04	9.23E-05	2.18E-04	2.01E-04	3.27E-04	7.73E-04	7.11E-04
1540	386744.45, 3751202.42	1.353	3.234	2.953	6.59E-05	1.57E-04	1.44E-04	9.15E-05	2.19E-04	2.00E-04	3.24E-04	7.75E-04	7.08E-04
1541	386744.45, 3751252.42	1.377	3.181	2.975	6.71E-05	1.55E-04	1.45E-04	9.32E-05	2.15E-04	2.01E-04	3.30E-04	7.62E-04	7.13E-04
1542	386744.45, 3751302.42	1.385	3.147	2.975	6.74E-05	1.53E-04	1.45E-04	9.37E-05	2.13E-04	2.01E-04	3.32E-04	7.54E-04	7.13E-04
1543	386744.45, 3751352.42	1.37	3.143	2.958	6.67E-05	1.53E-04	1.44E-04	9.26E-05	2.13E-04	2.00E-04	3.28E-04	7.53E-04	7.09E-04
1544	386744.45, 3751402.42	1.373	3.114	2.96	6.69E-05	1.52E-04	1.44E-04	9.29E-05	2.11E-04	2.00E-04	3.29E-04	7.46E-04	7.10E-04
1545	386744.45, 3751452.42	1.372	3.08	2.951	6.68E-05	1.50E-04	1.44E-04	9.28E-05	2.08E-04	2.00E-04	3.29E-04	7.38E-04	7.07E-04
1546	386744.45, 3751502.42	1.361	3.06	2.921	6.62E-05	1.49E-04	1.42E-04	9.20E-05	2.07E-04	1.98E-04	3.26E-04	7.33E-04	7.00E-04
1547	386744.45, 3751552.42	1.345	3.039	2.88	6.55E-05	1.48E-04	1.40E-04	9.10E-05	2.06E-04	1.95E-04	3.22E-04	7.28E-04	6.90E-04
1548	386744.45, 3751602.42	1.318	3.055	2.813	6.42E-05	1.49E-04	1.37E-04	8.92E-05	2.07E-04	1.90E-04	3.16E-04	7.32E-04	6.74E-04
1549	386744.45, 3751652.42	1.29	3.075	2.748	6.28E-05	1.50E-04	1.34E-04	8.72E-05	2.08E-04	1.86E-04	3.09E-04	7.37E-04	6.59E-04
1550	386744.45, 3751702.42	1.25	3.09	2.702	6.08E-05	1.50E-04	1.32E-04	8.45E-05	2.09E-04	1.83E-04	2.99E-04	7.41E-04	6.48E-04
1551	386744.45, 3751752.42	1.212	3.087	2.611	5.90E-05	1.50E-04	1.27E-04	8.20E-05	2.09E-04	1.77E-04	2.91E-04	7.40E-04	6.26E-04
1552	386744.45, 3751802.42	1.165	3.051	2.565	5.67E-05	1.49E-04	1.25E-04	7.88E-05	2.06E-04	1.74E-04	2.79E-04	7.31E-04	6.15E-04
1553	386744.45, 3751852.42	1.106	2.942	2.466	5.38E-05	1.43E-04	1.20E-04	7.48E-05	1.99E-04	1.67E-04	2.65E-04	7.05E-04	5.91E-04

1554	386794.45, 3749152.42	0.837	1.958	1.849	4.08E-05	9.53E-05	9.00E-05	5.66E-05	1.32E-04	1.25E-04	2.01E-04	4.69E-04	4.43E-04
1555	386794.45, 3749202.42	0.876	2.009	1.905	4.26E-05	9.78E-05	9.28E-05	5.93E-05	1.36E-04	1.29E-04	2.10E-04	4.81E-04	4.57E-04
1556	386794.45, 3749252.42	0.912	2.083	1.945	4.44E-05	1.01E-04	9.47E-05	6.17E-05	1.41E-04	1.32E-04	2.19E-04	4.99E-04	4.66E-04
1557	386794.45, 3749302.42	0.949	2.124	2.016	4.62E-05	1.03E-04	9.82E-05	6.42E-05	1.44E-04	1.36E-04	2.27E-04	5.09E-04	4.83E-04
1558	386794.45, 3749352.42	0.973	2.328	2.072	4.74E-05	1.13E-04	1.01E-04	6.58E-05	1.57E-04	1.40E-04	2.33E-04	5.58E-04	4.97E-04
1559	386794.45, 3749402.42	1.005	2.382	2.121	4.89E-05	1.16E-04	1.03E-04	6.80E-05	1.61E-04	1.43E-04	2.41E-04	5.71E-04	5.08E-04
1560	386794.45, 3749452.42	1.033	2.479	2.174	5.03E-05	1.21E-04	1.06E-04	6.99E-05	1.68E-04	1.47E-04	2.48E-04	5.94E-04	5.21E-04
1561	386794.45, 3749502.42	1.061	2.569	2.226	5.17E-05	1.25E-04	1.08E-04	7.18E-05	1.74E-04	1.51E-04	2.54E-04	6.16E-04	5.33E-04
1562	386794.45, 3749552.42	1.09	2.594	2.285	5.31E-05	1.26E-04	1.11E-04	7.37E-05	1.75E-04	1.55E-04	2.61E-04	6.22E-04	5.48E-04
1563	386794.45, 3749602.42	1.149	2.408	2.331	5.59E-05	1.17E-04	1.13E-04	7.77E-05	1.63E-04	1.58E-04	2.75E-04	5.77E-04	5.59E-04
1564	386794.45, 3749652.42	1.138	2.74	2.398	5.54E-05	1.33E-04	1.17E-04	7.70E-05	1.85E-04	1.62E-04	2.73E-04	6.57E-04	5.75E-04
1565	386794.45, 3749702.42	1.164	2.751	2.444	5.67E-05	1.34E-04	1.19E-04	7.87E-05	1.86E-04	1.65E-04	2.79E-04	6.59E-04	5.86E-04
1566	386794.45, 3749752.42	1.181	2.856	2.527	5.75E-05	1.39E-04	1.23E-04	7.99E-05	1.93E-04	1.71E-04	2.83E-04	6.85E-04	6.06E-04
1567	386794.45, 3749802.42	1.207	2.819	2.548	5.88E-05	1.37E-04	1.24E-04	8.16E-05	1.91E-04	1.72E-04	2.89E-04	6.76E-04	6.11E-04
1568	386794.45, 3749852.42	1.221	2.919	2.597	5.95E-05	1.42E-04	1.26E-04	8.26E-05	1.97E-04	1.76E-04	2.93E-04	7.00E-04	6.22E-04
1569	386794.45, 3749902.42	1.244	2.907	2.621	6.06E-05	1.42E-04	1.28E-04	8.41E-05	1.97E-04	1.77E-04	2.98E-04	6.97E-04	6.28E-04
1570	386794.45, 3749952.42	1.257	2.98	2.692	6.12E-05	1.45E-04	1.31E-04	8.50E-05	2.02E-04	1.82E-04	3.01E-04	7.14E-04	6.45E-04
1571	386794.45, 3750002.42	1.276	2.983	2.714	6.21E-05	1.45E-04	1.32E-04	8.63E-05	2.02E-04	1.84E-04	3.06E-04	7.15E-04	6.50E-04
1572	386794.45, 3750052.42	1.291	3.013	2.743	6.29E-05	1.47E-04	1.34E-04	8.73E-05	2.04E-04	1.86E-04	3.09E-04	7.22E-04	6.57E-04
1573	386794.45, 3750102.42	1.309	3.024	2.776	6.37E-05	1.47E-04	1.35E-04	8.85E-05	2.05E-04	1.88E-04	3.14E-04	7.25E-04	6.65E-04
1574	386794.45, 3750152.42	1.321	3.069	2.81	6.43E-05	1.49E-04	1.37E-04	8.93E-05	2.08E-04	1.90E-04	3.17E-04	7.36E-04	6.73E-04
1575	386794.45, 3750202.42	1.339	3.081	2.849	6.52E-05	1.50E-04	1.39E-04	9.06E-05	2.08E-04	1.93E-04	3.21E-04	7.39E-04	6.83E-04
1576	386794.45, 3750252.42	1.348	3.133	2.879	6.56E-05	1.53E-04	1.40E-04	9.12E-05	2.12E-04	1.95E-04	3.23E-04	7.51E-04	6.90E-04
1577	386794.45, 3750302.42	1.362	3.16	2.912	6.63E-05	1.54E-04	1.42E-04	9.21E-05	2.14E-04	1.97E-04	3.26E-04	7.57E-04	6.98E-04
1578	386794.45, 3750352.42	1.379	3.178	2.947	6.71E-05	1.55E-04	1.43E-04	9.33E-05	2.15E-04	1.99E-04	3.30E-04	7.62E-04	7.06E-04
1579	386794.45, 3750402.42	1.394	3.199	2.98	6.79E-05	1.56E-04	1.45E-04	9.43E-05	2.16E-04	2.02E-04	3.34E-04	7.67E-04	7.14E-04
1580	386794.45, 3750452.42	1.408	3.24	3.009	6.85E-05	1.58E-04	1.47E-04	9.52E-05	2.19E-04	2.04E-04	3.37E-04	7.77E-04	7.21E-04
1581	386794.45, 3750502.42	1.427	3.238	3.039	6.95E-05	1.58E-04	1.48E-04	9.65E-05	2.19E-04	2.06E-04	3.42E-04	7.76E-04	7.28E-04
1582	386794.45, 3750552.42	1.434	3.301	3.07	6.98E-05	1.61E-04	1.49E-04	9.70E-05	2.23E-04	2.08E-04	3.44E-04	7.91E-04	7.36E-04
1583	386794.45, 3750602.42	1.447	3.329	3.099	7.04E-05	1.62E-04	1.51E-04	9.79E-05	2.25E-04	2.10E-04	3.47E-04	7.98E-04	7.43E-04
1584	386794.45, 3750652.42	1.465	3.332	3.126	7.13E-05	1.62E-04	1.52E-04	9.91E-05	2.25E-04	2.11E-04	3.51E-04	7.99E-04	7.49E-04
1585	386794.45, 3750702.42	1.471	3.377	3.155	7.16E-05	1.64E-04	1.54E-04	9.95E-05	2.28E-04	2.13E-04	3.53E-04	8.09E-04	7.56E-04
1586	386794.45, 3750752.42	1.483	3.4	3.174	7.22E-05	1.66E-04	1.55E-04	1.00E-04	2.30E-04	2.15E-04	3.55E-04	8.15E-04	7.61E-04
1587	386794.45, 3750802.42	1.495	3.416	3.196	7.28E-05	1.66E-04	1.56E-04	1.01E-04	2.31E-04	2.16E-04	3.58E-04	8.19E-04	7.66E-04
1588	386794.45, 3750852.42	1.502	3.449	3.204	7.31E-05	1.68E-04	1.56E-04	1.02E-04	2.33E-04	2.17E-04	3.60E-04	8.27E-04	7.68E-04
1589	386794.45, 3750902.42	1.514	3.459	3.224	7.37E-05	1.68E-04	1.57E-04	1.02E-04	2.34E-04	2.18E-04	3.63E-04	8.29E-04	7.73E-04
1590	386794.45, 3750952.42	1.518	3.492	3.24	7.39E-05	1.70E-04	1.58E-04	1.03E-04	2.36E-04	2.19E-04	3.64E-04	8.37E-04	7.77E-04
1591	386794.45, 3751002.42	1.528	3.502	3.254	7.44E-05	1.71E-04	1.58E-04	1.03E-04	2.37E-04	2.20E-04	3.66E-04	8.39E-04	7.80E-04
1592	386794.45, 3751052.42	1.54	3.501	3.258	7.50E-05	1.70E-04	1.59E-04	1.04E-04	2.37E-04	2.20E-04	3.69E-04	8.39E-04	7.81E-04
1593	386794.45, 3751102.42	1.55	3.501	3.265	7.55E-05	1.70E-04	1.59E-04	1.05E-04	2.37E-04	2.21E-04	3.72E-04	8.39E-04	7.83E-04
1594	386794.45, 3751152.42	1.556	3.519	3.301	7.57E-05	1.71E-04	1.61E-04	1.05E-04	2.38E-04	2.23E-04	3.73E-04	8.43E-04	7.91E-04

1595	386794.45, 3751202.42	1.56	3.524	3.319	7.60E-05	1.72E-04	1.62E-04	1.06E-04	2.38E-04	2.25E-04	3.74E-04	8.45E-04	7.96E-04
1596	386794.45, 3751252.42	1.559	3.536	3.346	7.59E-05	1.72E-04	1.63E-04	1.05E-04	2.39E-04	2.26E-04	3.74E-04	8.47E-04	8.02E-04
1597	386794.45, 3751302.42	1.553	3.538	3.352	7.56E-05	1.72E-04	1.63E-04	1.05E-04	2.39E-04	2.27E-04	3.72E-04	8.48E-04	8.03E-04
1598	386794.45, 3751352.42	1.558	3.514	3.35	7.59E-05	1.71E-04	1.63E-04	1.05E-04	2.38E-04	2.27E-04	3.73E-04	8.42E-04	8.03E-04
1599	386794.45, 3751402.42	1.559	3.485	3.341	7.59E-05	1.70E-04	1.63E-04	1.05E-04	2.36E-04	2.26E-04	3.74E-04	8.35E-04	8.01E-04
1600	386794.45, 3751452.42	1.552	3.459	3.323	7.56E-05	1.68E-04	1.62E-04	1.05E-04	2.34E-04	2.25E-04	3.72E-04	8.29E-04	7.96E-04
1601	386794.45, 3751502.42	1.539	3.433	3.302	7.49E-05	1.67E-04	1.61E-04	1.04E-04	2.32E-04	2.23E-04	3.69E-04	8.23E-04	7.92E-04
1602	386794.45, 3751552.42	1.524	3.417	3.256	7.42E-05	1.66E-04	1.59E-04	1.03E-04	2.31E-04	2.20E-04	3.65E-04	8.19E-04	7.80E-04
1603	386794.45, 3751602.42	1.5	3.401	3.201	7.30E-05	1.66E-04	1.56E-04	1.01E-04	2.30E-04	2.17E-04	3.60E-04	8.15E-04	7.67E-04
1604	386794.45, 3751652.42	1.472	3.392	3.131	7.17E-05	1.65E-04	1.52E-04	9.96E-05	2.29E-04	2.12E-04	3.53E-04	8.13E-04	7.50E-04
1605	386794.45, 3751702.42	1.44	3.406	3.062	7.01E-05	1.66E-04	1.49E-04	9.74E-05	2.30E-04	2.07E-04	3.45E-04	8.16E-04	7.34E-04
1606	386794.45, 3751752.42	1.386	3.424	2.959	6.75E-05	1.67E-04	1.44E-04	9.38E-05	2.32E-04	2.00E-04	3.32E-04	8.21E-04	7.09E-04
1607	386794.45, 3751802.42	1.322	3.394	2.893	6.44E-05	1.65E-04	1.41E-04	8.95E-05	2.30E-04	1.96E-04	3.17E-04	8.14E-04	6.93E-04
1608	386794.45, 3751852.42	1.258	3.289	2.75	6.12E-05	1.60E-04	1.34E-04	8.51E-05	2.22E-04	1.86E-04	3.01E-04	7.88E-04	6.59E-04
1609	386844.45, 3749002.42	0.777	1.92	1.78	3.78E-05	9.35E-05	8.67E-05	5.26E-05	1.30E-04	1.20E-04	1.86E-04	4.60E-04	4.27E-04
1610	386844.45, 3749052.42	0.823	1.993	1.86	4.01E-05	9.70E-05	9.05E-05	5.57E-05	1.35E-04	1.26E-04	1.97E-04	4.78E-04	4.46E-04
1611	386844.45, 3749102.42	0.87	2.038	1.93	4.24E-05	9.92E-05	9.40E-05	5.89E-05	1.38E-04	1.31E-04	2.09E-04	4.89E-04	4.63E-04
1612	386844.45, 3749152.42	0.913	2.11	2.002	4.44E-05	1.03E-04	9.75E-05	6.17E-05	1.43E-04	1.35E-04	2.19E-04	5.06E-04	4.80E-04
1613	386844.45, 3749202.42	0.961	2.141	2.051	4.68E-05	1.04E-04	9.99E-05	6.50E-05	1.45E-04	1.39E-04	2.30E-04	5.13E-04	4.92E-04
1614	386844.45, 3749252.42	0.995	2.257	2.117	4.84E-05	1.10E-04	1.03E-04	6.73E-05	1.53E-04	1.43E-04	2.38E-04	5.41E-04	5.07E-04
1615	386844.45, 3749302.42	1.028	2.419	2.204	5.00E-05	1.18E-04	1.07E-04	6.95E-05	1.64E-04	1.49E-04	2.46E-04	5.80E-04	5.28E-04
1616	386844.45, 3749352.42	1.063	2.498	2.249	5.18E-05	1.22E-04	1.09E-04	7.19E-05	1.69E-04	1.52E-04	2.55E-04	5.99E-04	5.39E-04
1617	386844.45, 3749402.42	1.101	2.524	2.326	5.36E-05	1.23E-04	1.13E-04	7.45E-05	1.71E-04	1.57E-04	2.64E-04	6.05E-04	5.57E-04
1618	386844.45, 3749452.42	1.129	2.701	2.373	5.50E-05	1.32E-04	1.16E-04	7.64E-05	1.83E-04	1.61E-04	2.71E-04	6.47E-04	5.69E-04
1619	386844.45, 3749502.42	1.198	2.511	2.43	5.83E-05	1.22E-04	1.18E-04	8.10E-05	1.70E-04	1.64E-04	2.87E-04	6.02E-04	5.82E-04
1620	386844.45, 3749552.42	1.196	2.731	2.515	5.82E-05	1.33E-04	1.22E-04	8.09E-05	1.85E-04	1.70E-04	2.87E-04	6.55E-04	6.03E-04
1621	386844.45, 3749602.42	1.22	2.895	2.553	5.94E-05	1.41E-04	1.24E-04	8.25E-05	1.96E-04	1.73E-04	2.92E-04	6.94E-04	6.12E-04
1622	386844.45, 3749652.42	1.244	3.022	2.651	6.06E-05	1.47E-04	1.29E-04	8.41E-05	2.04E-04	1.79E-04	2.98E-04	7.24E-04	6.35E-04
1623	386844.45, 3749702.42	1.272	3.012	2.68	6.19E-05	1.47E-04	1.30E-04	8.60E-05	2.04E-04	1.81E-04	3.05E-04	7.22E-04	6.42E-04
1624	386844.45, 3749752.42	1.293	3.093	2.766	6.30E-05	1.51E-04	1.35E-04	8.75E-05	2.09E-04	1.87E-04	3.10E-04	7.41E-04	6.63E-04
1625	386844.45, 3749802.42	1.323	3.061	2.793	6.44E-05	1.49E-04	1.36E-04	8.95E-05	2.07E-04	1.89E-04	3.17E-04	7.34E-04	6.69E-04
1626	386844.45, 3749852.42	1.338	3.163	2.839	6.52E-05	1.54E-04	1.38E-04	9.05E-05	2.14E-04	1.92E-04	3.21E-04	7.58E-04	6.81E-04
1627	386844.45, 3749902.42	1.366	3.138	2.872	6.65E-05	1.53E-04	1.40E-04	9.24E-05	2.12E-04	1.94E-04	3.27E-04	7.52E-04	6.88E-04
1628	386844.45, 3749952.42	1.384	3.18	2.918	6.74E-05	1.55E-04	1.42E-04	9.36E-05	2.15E-04	1.97E-04	3.32E-04	7.62E-04	6.99E-04
1629	386844.45, 3750002.42	1.403	3.207	2.967	6.83E-05	1.56E-04	1.44E-04	9.49E-05	2.17E-04	2.01E-04	3.36E-04	7.69E-04	7.11E-04
1630	386844.45, 3750052.42	1.422	3.243	3.014	6.92E-05	1.58E-04	1.47E-04	9.62E-05	2.19E-04	2.04E-04	3.41E-04	7.77E-04	7.22E-04
1631	386844.45, 3750102.42	1.438	3.289	3.057	7.00E-05	1.60E-04	1.49E-04	9.72E-05	2.22E-04	2.07E-04	3.45E-04	7.88E-04	7.33E-04
1632	386844.45, 3750152.42	1.454	3.328	3.098	7.08E-05	1.62E-04	1.51E-04	9.84E-05	2.25E-04	2.10E-04	3.48E-04	7.98E-04	7.42E-04
1633	386844.45, 3750202.42	1.469	3.369	3.138	7.15E-05	1.64E-04	1.53E-04	9.94E-05	2.28E-04	2.12E-04	3.52E-04	8.08E-04	7.52E-04
1634	386844.45, 3750252.42	1.481	3.439	3.172	7.21E-05	1.67E-04	1.54E-04	1.00E-04	2.33E-04	2.15E-04	3.55E-04	8.24E-04	7.60E-04
1635	386844.45, 3750302.42	1.496	3.489	3.207	7.28E-05	1.70E-04	1.56E-04	1.01E-04	2.36E-04	2.17E-04	3.58E-04	8.36E-04	7.69E-04

1636	386844.45, 3750352.42	1.514	3.516	3.247	7.37E-05	1.71E-04	1.58E-04	1.02E-04	2.38E-04	2.20E-04	3.63E-04	8.43E-04	7.78E-04
1637	386844.45, 3750402.42	1.535	3.537	3.289	7.47E-05	1.72E-04	1.60E-04	1.04E-04	2.39E-04	2.22E-04	3.68E-04	8.48E-04	7.88E-04
1638	386844.45, 3750452.42	1.552	3.575	3.327	7.56E-05	1.74E-04	1.62E-04	1.05E-04	2.42E-04	2.25E-04	3.72E-04	8.57E-04	7.97E-04
1639	386844.45, 3750502.42	1.569	3.611	3.365	7.64E-05	1.76E-04	1.64E-04	1.06E-04	2.44E-04	2.28E-04	3.76E-04	8.66E-04	8.06E-04
1640	386844.45, 3750552.42	1.588	3.633	3.392	7.73E-05	1.77E-04	1.65E-04	1.07E-04	2.46E-04	2.29E-04	3.81E-04	8.71E-04	8.13E-04
1641	386844.45, 3750602.42	1.606	3.662	3.426	7.82E-05	1.78E-04	1.67E-04	1.09E-04	2.48E-04	2.32E-04	3.85E-04	8.78E-04	8.21E-04
1642	386844.45, 3750652.42	1.621	3.697	3.463	7.89E-05	1.80E-04	1.69E-04	1.10E-04	2.50E-04	2.34E-04	3.89E-04	8.86E-04	8.30E-04
1643	386844.45, 3750702.42	1.639	3.724	3.494	7.98E-05	1.81E-04	1.70E-04	1.11E-04	2.52E-04	2.36E-04	3.93E-04	8.93E-04	8.37E-04
1644	386844.45, 3750752.42	1.655	3.752	3.525	8.06E-05	1.83E-04	1.72E-04	1.12E-04	2.54E-04	2.38E-04	3.97E-04	8.99E-04	8.45E-04
1645	386844.45, 3750802.42	1.672	3.776	3.554	8.14E-05	1.84E-04	1.73E-04	1.13E-04	2.55E-04	2.40E-04	4.01E-04	9.05E-04	8.52E-04
1646	386844.45, 3750852.42	1.685	3.806	3.577	8.20E-05	1.85E-04	1.74E-04	1.14E-04	2.57E-04	2.42E-04	4.04E-04	9.12E-04	8.57E-04
1647	386844.45, 3750902.42	1.701	3.827	3.597	8.28E-05	1.86E-04	1.75E-04	1.15E-04	2.59E-04	2.43E-04	4.08E-04	9.17E-04	8.62E-04
1648	386844.45, 3750952.42	1.712	3.862	3.624	8.33E-05	1.88E-04	1.76E-04	1.16E-04	2.61E-04	2.45E-04	4.10E-04	9.26E-04	8.69E-04
1649	386844.45, 3751002.42	1.725	3.884	3.649	8.40E-05	1.89E-04	1.78E-04	1.17E-04	2.63E-04	2.47E-04	4.13E-04	9.31E-04	8.75E-04
1650	386844.45, 3751052.42	1.731	3.928	3.66	8.43E-05	1.91E-04	1.78E-04	1.17E-04	2.66E-04	2.48E-04	4.15E-04	9.41E-04	8.77E-04
1651	386844.45, 3751102.42	1.745	3.948	3.677	8.49E-05	1.92E-04	1.79E-04	1.18E-04	2.67E-04	2.49E-04	4.18E-04	9.46E-04	8.81E-04
1652	386844.45, 3751152.42	1.753	3.978	3.706	8.54E-05	1.94E-04	1.80E-04	1.19E-04	2.69E-04	2.51E-04	4.20E-04	9.53E-04	8.88E-04
1653	386844.45, 3751202.42	1.75	4.017	3.771	8.52E-05	1.96E-04	1.84E-04	1.18E-04	2.72E-04	2.55E-04	4.19E-04	9.63E-04	9.04E-04
1654	386844.45, 3751252.42	1.766	4.011	3.763	8.60E-05	1.95E-04	1.83E-04	1.19E-04	2.71E-04	2.55E-04	4.23E-04	9.61E-04	9.02E-04
1655	386844.45, 3751302.42	1.781	3.985	3.737	8.67E-05	1.94E-04	1.82E-04	1.20E-04	2.70E-04	2.53E-04	4.27E-04	9.55E-04	8.96E-04
1656	386844.45, 3751352.42	1.783	3.993	3.771	8.68E-05	1.94E-04	1.84E-04	1.21E-04	2.70E-04	2.55E-04	4.27E-04	9.57E-04	9.04E-04
1657	386844.45, 3751402.42	1.795	3.958	3.737	8.74E-05	1.93E-04	1.82E-04	1.21E-04	2.68E-04	2.53E-04	4.30E-04	9.49E-04	8.96E-04
1658	386844.45, 3751452.42	1.787	3.955	3.771	8.70E-05	1.93E-04	1.84E-04	1.21E-04	2.68E-04	2.55E-04	4.28E-04	9.48E-04	9.04E-04
1659	386844.45, 3751502.42	1.79	3.921	3.749	8.71E-05	1.91E-04	1.83E-04	1.21E-04	2.65E-04	2.54E-04	4.29E-04	9.40E-04	8.99E-04
1660	386894.45, 3749002.42	0.847	2.051	1.922	4.12E-05	9.98E-05	9.36E-05	5.73E-05	1.39E-04	1.30E-04	2.03E-04	4.91E-04	4.61E-04
1661	386894.45, 3749052.42	0.898	2.169	2.026	4.37E-05	1.06E-04	9.86E-05	6.08E-05	1.47E-04	1.37E-04	2.15E-04	5.20E-04	4.85E-04
1662	386894.45, 3749102.42	0.953	2.217	2.096	4.64E-05	1.08E-04	1.02E-04	6.44E-05	1.50E-04	1.42E-04	2.28E-04	5.31E-04	5.02E-04
1663	386894.45, 3749152.42	0.998	2.352	2.223	4.86E-05	1.15E-04	1.08E-04	6.75E-05	1.59E-04	1.50E-04	2.39E-04	5.64E-04	5.33E-04
1664	386894.45, 3749202.42	1.046	2.417	2.277	5.09E-05	1.18E-04	1.11E-04	7.08E-05	1.64E-04	1.54E-04	2.51E-04	5.79E-04	5.46E-04
1665	386894.45, 3749252.42	1.087	2.579	2.376	5.29E-05	1.26E-04	1.16E-04	7.35E-05	1.74E-04	1.61E-04	2.61E-04	6.18E-04	5.69E-04
1666	386894.45, 3749302.42	1.129	2.701	2.446	5.50E-05	1.32E-04	1.19E-04	7.64E-05	1.83E-04	1.65E-04	2.71E-04	6.47E-04	5.86E-04
1667	386894.45, 3749352.42	1.17	2.869	2.52	5.70E-05	1.40E-04	1.23E-04	7.92E-05	1.94E-04	1.70E-04	2.80E-04	6.88E-04	6.04E-04
1668	386894.45, 3749402.42	1.209	3.004	2.571	5.89E-05	1.46E-04	1.25E-04	8.18E-05	2.03E-04	1.74E-04	2.90E-04	7.20E-04	6.16E-04
1669	386894.45, 3749452.42	1.264	2.681	2.647	6.15E-05	1.31E-04	1.29E-04	8.55E-05	1.81E-04	1.79E-04	3.03E-04	6.43E-04	6.35E-04
1670	386894.45, 3749502.42	1.278	3.163	2.709	6.22E-05	1.54E-04	1.32E-04	8.65E-05	2.14E-04	1.83E-04	3.06E-04	7.58E-04	6.49E-04
1671	386894.45, 3749552.42	1.315	3.058	2.756	6.40E-05	1.49E-04	1.34E-04	8.89E-05	2.07E-04	1.86E-04	3.15E-04	7.33E-04	6.61E-04
1672	386894.45, 3749602.42	1.343	3.191	2.812	6.54E-05	1.55E-04	1.37E-04	9.09E-05	2.16E-04	1.90E-04	3.22E-04	7.65E-04	6.74E-04
1673	386894.45, 3749652.42	1.37	3.289	2.899	6.67E-05	1.60E-04	1.41E-04	9.27E-05	2.22E-04	1.96E-04	3.28E-04	7.88E-04	6.95E-04
1674	386894.45, 3749702.42	1.408	3.223	2.949	6.85E-05	1.57E-04	1.44E-04	9.52E-05	2.18E-04	2.00E-04	3.37E-04	7.73E-04	7.07E-04
1675	386894.45, 3749752.42	1.436	3.282	3.008	6.99E-05	1.60E-04	1.46E-04	9.71E-05	2.22E-04	2.03E-04	3.44E-04	7.87E-04	7.21E-04
1676	386894.45, 3749802.42	1.461	3.338	3.063	7.11E-05	1.63E-04	1.49E-04	9.88E-05	2.26E-04	2.07E-04	3.50E-04	8.00E-04	7.34E-04

1677	386894.45, 3749852.42	1.485	3.393	3.128	7.23E-05	1.65E-04	1.52E-04	1.00E-04	2.30E-04	2.12E-04	3.56E-04	8.13E-04	7.50E-04
1678	386894.45, 3749902.42	1.506	3.438	3.174	7.33E-05	1.67E-04	1.55E-04	1.02E-04	2.33E-04	2.15E-04	3.61E-04	8.24E-04	7.61E-04
1679	386894.45, 3749952.42	1.529	3.476	3.231	7.44E-05	1.69E-04	1.57E-04	1.03E-04	2.35E-04	2.19E-04	3.66E-04	8.33E-04	7.74E-04
1680	386894.45, 3750002.42	1.548	3.529	3.284	7.54E-05	1.72E-04	1.60E-04	1.05E-04	2.39E-04	2.22E-04	3.71E-04	8.46E-04	7.87E-04
1681	386894.45, 3750052.42	1.57	3.572	3.337	7.64E-05	1.74E-04	1.62E-04	1.06E-04	2.42E-04	2.26E-04	3.76E-04	8.56E-04	8.00E-04
1682	386894.45, 3750102.42	1.591	3.604	3.38	7.75E-05	1.75E-04	1.65E-04	1.08E-04	2.44E-04	2.29E-04	3.81E-04	8.64E-04	8.10E-04
1683	386894.45, 3750152.42	1.612	3.649	3.421	7.85E-05	1.78E-04	1.67E-04	1.09E-04	2.47E-04	2.31E-04	3.86E-04	8.75E-04	8.20E-04
1684	386894.45, 3750202.42	1.63	3.693	3.448	7.94E-05	1.80E-04	1.68E-04	1.10E-04	2.50E-04	2.33E-04	3.91E-04	8.85E-04	8.26E-04
1685	386894.45, 3750252.42	1.658	3.707	3.495	8.07E-05	1.80E-04	1.70E-04	1.12E-04	2.51E-04	2.36E-04	3.97E-04	8.88E-04	8.38E-04
1686	386894.45, 3750302.42	1.676	3.772	3.538	8.16E-05	1.84E-04	1.72E-04	1.13E-04	2.55E-04	2.39E-04	4.02E-04	9.04E-04	8.48E-04
1687	386894.45, 3750352.42	1.701	3.784	3.584	8.28E-05	1.84E-04	1.74E-04	1.15E-04	2.56E-04	2.42E-04	4.08E-04	9.07E-04	8.59E-04
1688	386894.45, 3750402.42	1.724	3.828	3.628	8.39E-05	1.86E-04	1.77E-04	1.17E-04	2.59E-04	2.45E-04	4.13E-04	9.17E-04	8.70E-04
1689	386894.45, 3750452.42	1.743	3.887	3.672	8.49E-05	1.89E-04	1.79E-04	1.18E-04	2.63E-04	2.48E-04	4.18E-04	9.32E-04	8.80E-04
1690	386894.45, 3750502.42	1.759	3.975	3.708	8.57E-05	1.94E-04	1.81E-04	1.19E-04	2.69E-04	2.51E-04	4.22E-04	9.53E-04	8.89E-04
1691	386894.45, 3750552.42	1.788	3.987	3.756	8.71E-05	1.94E-04	1.83E-04	1.21E-04	2.70E-04	2.54E-04	4.29E-04	9.56E-04	9.00E-04
1692	386894.45, 3750602.42	1.801	4.064	3.792	8.77E-05	1.98E-04	1.85E-04	1.22E-04	2.75E-04	2.57E-04	4.32E-04	9.74E-04	9.09E-04
1693	386894.45, 3750652.42	1.829	4.083	3.84	8.91E-05	1.99E-04	1.87E-04	1.24E-04	2.76E-04	2.60E-04	4.38E-04	9.79E-04	9.20E-04
1694	386894.45, 3750702.42	1.846	4.137	3.878	8.99E-05	2.01E-04	1.89E-04	1.25E-04	2.80E-04	2.62E-04	4.42E-04	9.92E-04	9.30E-04
1695	386894.45, 3750752.42	1.864	4.188	3.917	9.08E-05	2.04E-04	1.91E-04	1.26E-04	2.83E-04	2.65E-04	4.47E-04	1.00E-03	9.39E-04
1696	386894.45, 3750802.42	1.883	4.233	3.955	9.17E-05	2.06E-04	1.93E-04	1.27E-04	2.86E-04	2.68E-04	4.51E-04	1.01E-03	9.48E-04
1697	386894.45, 3750852.42	1.901	4.278	3.994	9.26E-05	2.08E-04	1.94E-04	1.29E-04	2.89E-04	2.70E-04	4.56E-04	1.03E-03	9.57E-04
1698	386894.45, 3750902.42	1.919	4.322	4.029	9.34E-05	2.10E-04	1.96E-04	1.30E-04	2.92E-04	2.73E-04	4.60E-04	1.04E-03	9.66E-04
1699	386894.45, 3750952.42	1.942	4.352	4.072	9.46E-05	2.12E-04	1.98E-04	1.31E-04	2.94E-04	2.75E-04	4.66E-04	1.04E-03	9.76E-04
1700	386944.45, 3749002.42	0.932	2.191	2.044	4.54E-05	1.07E-04	9.95E-05	6.31E-05	1.48E-04	1.38E-04	2.23E-04	5.25E-04	4.90E-04
1701	386944.45, 3749052.42	0.988	2.367	2.206	4.81E-05	1.15E-04	1.07E-04	6.68E-05	1.60E-04	1.49E-04	2.37E-04	5.67E-04	5.29E-04
1702	386944.45, 3749102.42	1.052	2.434	2.282	5.12E-05	1.18E-04	1.11E-04	7.11E-05	1.65E-04	1.54E-04	2.52E-04	5.83E-04	5.47E-04
1703	386944.45, 3749152.42	1.107	2.546	2.376	5.39E-05	1.24E-04	1.16E-04	7.49E-05	1.72E-04	1.61E-04	2.65E-04	6.10E-04	5.69E-04
1704	386944.45, 3749202.42	1.166	2.597	2.476	5.68E-05	1.26E-04	1.21E-04	7.89E-05	1.76E-04	1.68E-04	2.80E-04	6.22E-04	5.94E-04
1705	386944.45, 3749252.42	1.218	2.67	2.579	5.93E-05	1.30E-04	1.26E-04	8.24E-05	1.81E-04	1.74E-04	2.92E-04	6.40E-04	6.18E-04
1706	386944.45, 3749302.42	1.263	2.775	2.67	6.15E-05	1.35E-04	1.30E-04	8.54E-05	1.88E-04	1.81E-04	3.03E-04	6.65E-04	6.40E-04
1707	386944.45, 3749352.42	1.351	2.818	2.731	6.58E-05	1.37E-04	1.33E-04	9.14E-05	1.91E-04	1.85E-04	3.24E-04	6.75E-04	6.55E-04
1708	386944.45, 3749402.42	1.356	2.92	2.853	6.60E-05	1.42E-04	1.39E-04	9.18E-05	1.98E-04	1.93E-04	3.25E-04	7.00E-04	6.84E-04
1709	386944.45, 3749452.42	1.389	3.059	2.928	6.76E-05	1.49E-04	1.43E-04	9.39E-05	2.07E-04	1.98E-04	3.33E-04	7.33E-04	7.02E-04
1710	386944.45, 3749502.42	1.423	3.229	2.992	6.93E-05	1.57E-04	1.46E-04	9.63E-05	2.18E-04	2.02E-04	3.41E-04	7.74E-04	7.17E-04
1711	386944.45, 3749552.42	1.461	3.313	3.069	7.11E-05	1.61E-04	1.49E-04	9.88E-05	2.24E-04	2.08E-04	3.50E-04	7.94E-04	7.36E-04
1712	386944.45, 3749602.42	1.5	3.373	3.148	7.30E-05	1.64E-04	1.53E-04	1.01E-04	2.28E-04	2.13E-04	3.60E-04	8.09E-04	7.55E-04
1713	386944.45, 3749652.42	1.534	3.457	3.217	7.47E-05	1.68E-04	1.57E-04	1.04E-04	2.34E-04	2.18E-04	3.68E-04	8.29E-04	7.71E-04
1714	386944.45, 3749702.42	1.566	3.547	3.282	7.63E-05	1.73E-04	1.60E-04	1.06E-04	2.40E-04	2.22E-04	3.75E-04	8.50E-04	7.87E-04
1715	386944.45, 3749752.42	1.598	3.61	3.342	7.78E-05	1.76E-04	1.63E-04	1.08E-04	2.44E-04	2.26E-04	3.83E-04	8.65E-04	8.01E-04
1716	386944.45, 3749802.42	1.628	3.667	3.417	7.93E-05	1.79E-04	1.66E-04	1.10E-04	2.48E-04	2.31E-04	3.90E-04	8.79E-04	8.19E-04
1717	386944.45, 3749852.42	1.653	3.738	3.478	8.05E-05	1.82E-04	1.69E-04	1.12E-04	2.53E-04	2.35E-04	3.96E-04	8.96E-04	8.34E-04

1718	386944.45, 3749902.42	1.677	3.791	3.537	8.17E-05	1.85E-04	1.72E-04	1.13E-04	2.56E-04	2.39E-04	4.02E-04	9.09E-04	8.48E-04
1719	386944.45, 3749952.42	1.707	3.827	3.587	8.31E-05	1.86E-04	1.75E-04	1.15E-04	2.59E-04	2.43E-04	4.09E-04	9.17E-04	8.60E-04
1720	386944.45, 3750002.42	1.73	3.874	3.642	8.42E-05	1.89E-04	1.77E-04	1.17E-04	2.62E-04	2.46E-04	4.15E-04	9.29E-04	8.73E-04
1721	386944.45, 3750052.42	1.755	3.923	3.699	8.54E-05	1.91E-04	1.80E-04	1.19E-04	2.65E-04	2.50E-04	4.21E-04	9.40E-04	8.87E-04
1722	386944.45, 3750102.42	1.783	3.969	3.755	8.68E-05	1.93E-04	1.83E-04	1.21E-04	2.69E-04	2.54E-04	4.27E-04	9.51E-04	9.00E-04
1723	386944.45, 3750152.42	1.808	4.028	3.812	8.80E-05	1.96E-04	1.86E-04	1.22E-04	2.72E-04	2.58E-04	4.33E-04	9.65E-04	9.14E-04
1724	386944.45, 3750202.42	1.831	4.083	3.867	8.91E-05	1.99E-04	1.88E-04	1.24E-04	2.76E-04	2.62E-04	4.39E-04	9.79E-04	9.27E-04
1725	386944.45, 3750252.42	1.868	4.128	3.921	9.09E-05	2.01E-04	1.91E-04	1.26E-04	2.79E-04	2.65E-04	4.48E-04	9.89E-04	9.40E-04
1726	386944.45, 3750302.42	1.887	4.184	3.973	9.19E-05	2.04E-04	1.93E-04	1.28E-04	2.83E-04	2.69E-04	4.52E-04	1.00E-03	9.52E-04
1727	386944.45, 3750352.42	1.924	4.231	4.042	9.37E-05	2.06E-04	1.97E-04	1.30E-04	2.86E-04	2.73E-04	4.61E-04	1.01E-03	9.69E-04
1728	386944.45, 3750402.42	1.945	4.297	4.093	9.47E-05	2.09E-04	1.99E-04	1.32E-04	2.91E-04	2.77E-04	4.66E-04	1.03E-03	9.81E-04
1729	386994.45, 3749002.42	1.025	2.476	2.308	4.99E-05	1.21E-04	1.12E-04	6.94E-05	1.68E-04	1.56E-04	2.46E-04	5.94E-04	5.53E-04
1730	386994.45, 3749052.42	1.102	2.585	2.385	5.36E-05	1.26E-04	1.16E-04	7.45E-05	1.75E-04	1.61E-04	2.64E-04	6.19E-04	5.72E-04
1731	386994.45, 3749102.42	1.181	2.632	2.438	5.75E-05	1.28E-04	1.19E-04	7.99E-05	1.78E-04	1.65E-04	2.83E-04	6.31E-04	5.84E-04
1732	386994.45, 3749152.42	1.254	2.72	2.556	6.11E-05	1.32E-04	1.24E-04	8.48E-05	1.84E-04	1.73E-04	3.01E-04	6.52E-04	6.13E-04
1733	386994.45, 3749202.42	1.315	2.838	2.7	6.40E-05	1.38E-04	1.31E-04	8.90E-05	1.92E-04	1.83E-04	3.15E-04	6.80E-04	6.47E-04
1734	386994.45, 3749252.42	1.365	2.973	2.871	6.65E-05	1.45E-04	1.40E-04	9.23E-05	2.01E-04	1.94E-04	3.27E-04	7.13E-04	6.88E-04
1735	386994.45, 3749302.42	1.438	3.024	2.913	7.00E-05	1.47E-04	1.42E-04	9.73E-05	2.05E-04	1.97E-04	3.45E-04	7.25E-04	6.98E-04
1736	386994.45, 3749352.42	1.481	3.138	3.022	7.21E-05	1.53E-04	1.47E-04	1.00E-04	2.12E-04	2.04E-04	3.55E-04	7.52E-04	7.24E-04
1737	386994.45, 3749402.42	1.52	3.267	3.192	7.40E-05	1.59E-04	1.55E-04	1.03E-04	2.21E-04	2.16E-04	3.64E-04	7.83E-04	7.65E-04
1738	386994.45, 3749452.42	1.557	3.399	3.28	7.58E-05	1.65E-04	1.60E-04	1.05E-04	2.30E-04	2.22E-04	3.73E-04	8.15E-04	7.86E-04
1739	386994.45, 3749502.42	1.597	3.576	3.354	7.78E-05	1.74E-04	1.63E-04	1.08E-04	2.42E-04	2.27E-04	3.83E-04	8.57E-04	8.04E-04
1740	386994.45, 3749552.42	1.64	3.673	3.442	7.98E-05	1.79E-04	1.68E-04	1.11E-04	2.48E-04	2.33E-04	3.93E-04	8.80E-04	8.25E-04
1741	386994.45, 3749602.42	1.685	3.744	3.534	8.21E-05	1.82E-04	1.72E-04	1.14E-04	2.53E-04	2.39E-04	4.04E-04	8.97E-04	8.47E-04
1742	386994.45, 3749652.42	1.727	3.809	3.615	8.41E-05	1.85E-04	1.76E-04	1.17E-04	2.58E-04	2.45E-04	4.14E-04	9.13E-04	8.67E-04
1743	386994.45, 3749702.42	1.762	3.92	3.687	8.58E-05	1.91E-04	1.79E-04	1.19E-04	2.65E-04	2.49E-04	4.22E-04	9.39E-04	8.84E-04
1744	386994.45, 3749752.42	1.797	4.002	3.756	8.75E-05	1.95E-04	1.83E-04	1.22E-04	2.71E-04	2.54E-04	4.31E-04	9.59E-04	9.00E-04
1745	386994.45, 3749802.42	1.833	4.066	3.834	8.93E-05	1.98E-04	1.87E-04	1.24E-04	2.75E-04	2.59E-04	4.39E-04	9.75E-04	9.19E-04
1746	386994.45, 3749852.42	1.857	4.165	3.913	9.04E-05	2.03E-04	1.91E-04	1.26E-04	2.82E-04	2.65E-04	4.45E-04	9.98E-04	9.38E-04
1747	387044.45, 3749002.42	1.141	3.247	2.727	5.56E-05	1.58E-04	1.33E-04	7.72E-05	2.20E-04	1.84E-04	2.74E-04	7.78E-04	6.54E-04
1748	387044.45, 3749052.42	1.239	2.865	2.595	6.03E-05	1.39E-04	1.26E-04	8.38E-05	1.94E-04	1.76E-04	2.97E-04	6.87E-04	6.22E-04
1749	387044.45, 3749102.42	1.343	2.904	2.737	6.54E-05	1.41E-04	1.33E-04	9.08E-05	1.96E-04	1.85E-04	3.22E-04	6.96E-04	6.56E-04
1750	387044.45, 3749152.42	1.418	3.057	2.876	6.90E-05	1.49E-04	1.40E-04	9.59E-05	2.07E-04	1.95E-04	3.40E-04	7.33E-04	6.89E-04
1751	387044.45, 3749202.42	1.478	3.242	3.064	7.20E-05	1.58E-04	1.49E-04	1.00E-04	2.19E-04	2.07E-04	3.54E-04	7.77E-04	7.34E-04
1752	387044.45, 3749252.42	1.543	3.365	3.215	7.51E-05	1.64E-04	1.57E-04	1.04E-04	2.28E-04	2.17E-04	3.70E-04	8.06E-04	7.71E-04
1753	387044.45, 3749302.42	1.608	3.469	3.335	7.83E-05	1.69E-04	1.62E-04	1.09E-04	2.35E-04	2.26E-04	3.85E-04	8.31E-04	7.99E-04
1754	387152.74, 3751734.85	14.17	28.14	24.7	6.90E-04	1.37E-03	1.20E-03	9.59E-04	1.90E-03	1.67E-03	3.40E-03	6.74E-03	5.92E-03
1755	387152.74, 3751759.85	13.84	26.55	23.53	6.74E-04	1.29E-03	1.15E-03	9.36E-04	1.80E-03	1.59E-03	3.32E-03	6.36E-03	5.64E-03
1756	387152.74, 3751784.85	12.86	24.52	21.92	6.26E-04	1.19E-03	1.07E-03	8.70E-04	1.66E-03	1.48E-03	3.08E-03	5.88E-03	5.25E-03
1757	387152.74, 3751809.85	11.98	22.64	20.25	5.83E-04	1.10E-03	9.86E-04	8.10E-04	1.53E-03	1.37E-03	2.87E-03	5.43E-03	4.85E-03
1758	387152.74, 3751834.85	11.39	20.9	18.82	5.55E-04	1.02E-03	9.16E-04	7.71E-04	1.41E-03	1.27E-03	2.73E-03	5.01E-03	4.51E-03

1759	387152.74, 3751859.85	10.29	18.9	17.02	5.01E-04	9.20E-04	8.29E-04	6.96E-04	1.28E-03	1.15E-03	2.47E-03	4.53E-03	4.08E-03
1760	387177.74, 3751534.85	15.34	30.09	26.65	7.47E-04	1.47E-03	1.30E-03	1.04E-03	2.04E-03	1.80E-03	3.68E-03	7.21E-03	6.39E-03
1761	387177.74, 3751559.85	15.13	28.5	25.61	7.37E-04	1.39E-03	1.25E-03	1.02E-03	1.93E-03	1.73E-03	3.63E-03	6.83E-03	6.14E-03
1762	387177.74, 3751584.85	14.12	26.66	23.97	6.88E-04	1.30E-03	1.17E-03	9.55E-04	1.80E-03	1.62E-03	3.39E-03	6.39E-03	5.75E-03
1763	387177.74, 3751609.85	13.24	24.8	22.38	6.45E-04	1.21E-03	1.09E-03	8.96E-04	1.68E-03	1.51E-03	3.17E-03	5.94E-03	5.36E-03
1764	387177.74, 3751634.85	12.73	23.3	21.2	6.20E-04	1.13E-03	1.03E-03	8.61E-04	1.58E-03	1.43E-03	3.05E-03	5.58E-03	5.08E-03
1765	387177.74, 3751659.85	11.78	21.78	19.76	5.73E-04	1.06E-03	9.62E-04	7.97E-04	1.47E-03	1.34E-03	2.82E-03	5.22E-03	4.74E-03
1766	387177.74, 3751684.85	11.15	20.44	18.62	5.43E-04	9.95E-04	9.07E-04	7.55E-04	1.38E-03	1.26E-03	2.67E-03	4.90E-03	4.46E-03
1767	387177.74, 3751709.85	10.67	19.29	17.44	5.20E-04	9.39E-04	8.49E-04	7.22E-04	1.30E-03	1.18E-03	2.56E-03	4.62E-03	4.18E-03
1768	387177.74, 3751734.85	10	18.14	16.34	4.87E-04	8.83E-04	7.96E-04	6.77E-04	1.23E-03	1.11E-03	2.40E-03	4.35E-03	3.92E-03
1769	387177.74, 3751759.85	9.619	17.2	15.48	4.68E-04	8.37E-04	7.54E-04	6.51E-04	1.16E-03	1.05E-03	2.31E-03	4.12E-03	3.71E-03
1770	387177.74, 3751784.85	9.188	16.28	14.64	4.47E-04	7.93E-04	7.13E-04	6.22E-04	1.10E-03	9.90E-04	2.20E-03	3.90E-03	3.51E-03
1771	387177.74, 3751809.85	8.774	15.38	13.95	4.27E-04	7.49E-04	6.79E-04	5.94E-04	1.04E-03	9.44E-04	2.10E-03	3.69E-03	3.34E-03
1772	387177.74, 3751834.85	8.334	14.37	13.09	4.06E-04	7.00E-04	6.37E-04	5.64E-04	9.72E-04	8.85E-04	2.00E-03	3.44E-03	3.14E-03
1773	387177.74, 3751859.85	7.672	13.15	11.97	3.74E-04	6.40E-04	5.83E-04	5.19E-04	8.89E-04	8.10E-04	1.84E-03	3.15E-03	2.87E-03
1774	387202.74, 3751309.85	17.24	33.38	29.83	8.39E-04	1.63E-03	1.45E-03	1.17E-03	2.26E-03	2.02E-03	4.13E-03	8.00E-03	7.15E-03
1775	387202.74, 3751334.85	15.05	29.42	26.36	7.33E-04	1.43E-03	1.28E-03	1.02E-03	1.99E-03	1.78E-03	3.61E-03	7.05E-03	6.32E-03
1776	387202.74, 3751359.85	14.42	27.64	24.85	7.02E-04	1.35E-03	1.21E-03	9.76E-04	1.87E-03	1.68E-03	3.46E-03	6.62E-03	5.96E-03
1777	387202.74, 3751384.85	13.88	26.14	23.51	6.76E-04	1.27E-03	1.14E-03	9.39E-04	1.77E-03	1.59E-03	3.33E-03	6.27E-03	5.63E-03
1778	387202.74, 3751409.85	13.01	24.58	22.13	6.33E-04	1.20E-03	1.08E-03	8.80E-04	1.66E-03	1.50E-03	3.12E-03	5.89E-03	5.30E-03
1779	387202.74, 3751434.85	12.65	23.35	21.23	6.16E-04	1.14E-03	1.03E-03	8.56E-04	1.58E-03	1.44E-03	3.03E-03	5.60E-03	5.09E-03
1780	387202.74, 3751459.85	11.92	22.06	19.94	5.80E-04	1.07E-03	9.71E-04	8.06E-04	1.49E-03	1.35E-03	2.86E-03	5.29E-03	4.78E-03
1781	387202.74, 3751484.85	11.55	21.15	19.21	5.62E-04	1.03E-03	9.35E-04	7.81E-04	1.43E-03	1.30E-03	2.77E-03	5.07E-03	4.60E-03
1782	387202.74, 3751509.85	11.3	20.33	18.45	5.50E-04	9.90E-04	8.98E-04	7.64E-04	1.38E-03	1.25E-03	2.71E-03	4.87E-03	4.42E-03
1783	387202.74, 3751534.85	10.8	19.37	17.75	5.26E-04	9.43E-04	8.64E-04	7.31E-04	1.31E-03	1.20E-03	2.59E-03	4.64E-03	4.25E-03
1784	387202.74, 3751559.85	10.51	18.62	17.12	5.12E-04	9.07E-04	8.34E-04	7.11E-04	1.26E-03	1.16E-03	2.52E-03	4.46E-03	4.10E-03
1785	387202.74, 3751584.85	10.02	17.72	16.15	4.88E-04	8.63E-04	7.86E-04	6.78E-04	1.20E-03	1.09E-03	2.40E-03	4.25E-03	3.87E-03
1786	387202.74, 3751609.85	9.595	16.93	15.45	4.67E-04	8.24E-04	7.52E-04	6.49E-04	1.14E-03	1.04E-03	2.30E-03	4.06E-03	3.70E-03
1787	387202.74, 3751634.85	9.315	16.27	14.78	4.54E-04	7.92E-04	7.19E-04	6.30E-04	1.10E-03	9.99E-04	2.23E-03	3.90E-03	3.54E-03
1788	387202.74, 3751659.85	8.995	15.68	14.22	4.38E-04	7.63E-04	6.92E-04	6.08E-04	1.06E-03	9.62E-04	2.16E-03	3.76E-03	3.41E-03
1789	387202.74, 3751684.85	8.596	14.95	13.69	4.19E-04	7.28E-04	6.66E-04	5.81E-04	1.01E-03	9.26E-04	2.06E-03	3.58E-03	3.28E-03
1790	387202.74, 3751709.85	8.252	14.28	13.05	4.02E-04	6.95E-04	6.35E-04	5.58E-04	9.66E-04	8.83E-04	1.98E-03	3.42E-03	3.13E-03
1791	387202.74, 3751734.85	7.885	13.61	12.49	3.84E-04	6.63E-04	6.08E-04	5.33E-04	9.21E-04	8.45E-04	1.89E-03	3.26E-03	2.99E-03
1792	387202.74, 3751759.85	7.533	12.93	11.96	3.67E-04	6.30E-04	5.82E-04	5.10E-04	8.75E-04	8.09E-04	1.81E-03	3.10E-03	2.87E-03
1793	387202.74, 3751784.85	7.202	12.28	11.36	3.51E-04	5.98E-04	5.53E-04	4.87E-04	8.31E-04	7.68E-04	1.73E-03	2.94E-03	2.72E-03
1794	387202.74, 3751809.85	6.953	11.69	10.86	3.39E-04	5.69E-04	5.29E-04	4.70E-04	7.91E-04	7.35E-04	1.67E-03	2.80E-03	2.60E-03
1795	387202.74, 3751834.85	6.568	10.94	10.18	3.20E-04	5.33E-04	4.96E-04	4.44E-04	7.40E-04	6.89E-04	1.57E-03	2.62E-03	2.44E-03
1796	387202.74, 3751859.85	6.129	10.1	9.378	2.98E-04	4.92E-04	4.57E-04	4.15E-04	6.83E-04	6.34E-04	1.47E-03	2.42E-03	2.25E-03
1797	387227.74, 3751109.85	16.57	31.86	28.48	8.07E-04	1.55E-03	1.39E-03	1.12E-03	2.16E-03	1.93E-03	3.97E-03	7.64E-03	6.83E-03
1798	387227.74, 3751134.85	15.15	29.33	26.25	7.38E-04	1.43E-03	1.28E-03	1.02E-03	1.98E-03	1.78E-03	3.63E-03	7.03E-03	6.29E-03
1799	387227.74, 3751159.85	14.68	27.92	25.18	7.15E-04	1.36E-03	1.23E-03	9.93E-04	1.89E-03	1.70E-03	3.52E-03	6.69E-03	6.03E-03

1800	387227.74, 3751184.85	14.3	26.7	24.19	6.96E-04	1.30E-03	1.18E-03	9.67E-04	1.81E-03	1.64E-03	3.43E-03	6.40E-03	5.80E-03
1801	387227.74, 3751209.85	13.42	25.05	22.69	6.53E-04	1.22E-03	1.10E-03	9.08E-04	1.69E-03	1.53E-03	3.22E-03	6.00E-03	5.44E-03
1802	387227.74, 3751234.85	13.03	23.78	21.72	6.34E-04	1.16E-03	1.06E-03	8.82E-04	1.61E-03	1.47E-03	3.12E-03	5.70E-03	5.21E-03
1803	387227.74, 3751259.85	12.33	22.51	20.53	6.00E-04	1.10E-03	1.00E-03	8.34E-04	1.52E-03	1.39E-03	2.96E-03	5.40E-03	4.92E-03
1804	387227.74, 3751284.85	11.94	21.53	19.86	5.81E-04	1.05E-03	9.67E-04	8.08E-04	1.46E-03	1.34E-03	2.86E-03	5.16E-03	4.76E-03
1805	387227.74, 3751309.85	11.54	20.66	18.91	5.62E-04	1.01E-03	9.20E-04	7.81E-04	1.40E-03	1.28E-03	2.77E-03	4.95E-03	4.53E-03
1806	387227.74, 3751334.85	10.9	19.64	17.77	5.31E-04	9.56E-04	8.65E-04	7.37E-04	1.33E-03	1.20E-03	2.61E-03	4.71E-03	4.26E-03
1807	387227.74, 3751359.85	10.37	18.65	16.89	5.05E-04	9.08E-04	8.22E-04	7.01E-04	1.26E-03	1.14E-03	2.49E-03	4.47E-03	4.05E-03
1808	387227.74, 3751384.85	9.915	17.76	16.04	4.83E-04	8.65E-04	7.81E-04	6.71E-04	1.20E-03	1.09E-03	2.38E-03	4.26E-03	3.85E-03
1809	387227.74, 3751409.85	9.647	17.2	15.51	4.70E-04	8.38E-04	7.55E-04	6.53E-04	1.16E-03	1.05E-03	2.31E-03	4.12E-03	3.72E-03
1810	387227.74, 3751434.85	9.365	16.57	14.96	4.56E-04	8.07E-04	7.29E-04	6.34E-04	1.12E-03	1.01E-03	2.24E-03	3.97E-03	3.59E-03
1811	387227.74, 3751459.85	9.018	15.94	14.47	4.39E-04	7.76E-04	7.05E-04	6.10E-04	1.08E-03	9.79E-04	2.16E-03	3.82E-03	3.47E-03
1812	387227.74, 3751484.85	8.818	15.47	14.13	4.29E-04	7.53E-04	6.88E-04	5.96E-04	1.05E-03	9.56E-04	2.11E-03	3.71E-03	3.39E-03
1813	387227.74, 3751509.85	8.63	14.98	13.78	4.20E-04	7.29E-04	6.71E-04	5.84E-04	1.01E-03	9.32E-04	2.07E-03	3.59E-03	3.30E-03
1814	387227.74, 3751534.85	8.413	14.49	13.4	4.10E-04	7.05E-04	6.53E-04	5.69E-04	9.80E-04	9.07E-04	2.02E-03	3.47E-03	3.21E-03
1815	387227.74, 3751559.85	8.183	14.03	12.96	3.98E-04	6.83E-04	6.31E-04	5.54E-04	9.49E-04	8.77E-04	1.96E-03	3.36E-03	3.11E-03
1816	387227.74, 3751584.85	7.941	13.57	12.59	3.87E-04	6.61E-04	6.13E-04	5.37E-04	9.18E-04	8.52E-04	1.90E-03	3.25E-03	3.02E-03
1817	387227.74, 3751609.85	7.668	13.08	12.13	3.73E-04	6.37E-04	5.91E-04	5.19E-04	8.85E-04	8.21E-04	1.84E-03	3.14E-03	2.91E-03
1818	387227.74, 3751634.85	7.415	12.63	11.69	3.61E-04	6.15E-04	5.69E-04	5.02E-04	8.54E-04	7.91E-04	1.78E-03	3.03E-03	2.80E-03
1819	387227.74, 3751659.85	7.215	12.24	11.3	3.51E-04	5.96E-04	5.50E-04	4.88E-04	8.28E-04	7.65E-04	1.73E-03	2.93E-03	2.71E-03
1820	387227.74, 3751684.85	6.964	11.8	10.96	3.39E-04	5.74E-04	5.33E-04	4.71E-04	7.98E-04	7.41E-04	1.67E-03	2.83E-03	2.63E-03
1821	387227.74, 3751709.85	6.718	11.34	10.54	3.27E-04	5.52E-04	5.13E-04	4.54E-04	7.67E-04	7.13E-04	1.61E-03	2.72E-03	2.53E-03
1822	387227.74, 3751734.85	6.495	10.93	10.14	3.16E-04	5.32E-04	4.94E-04	4.39E-04	7.39E-04	6.86E-04	1.56E-03	2.62E-03	2.43E-03
1823	387227.74, 3751759.85	6.243	10.47	9.747	3.04E-04	5.10E-04	4.75E-04	4.22E-04	7.08E-04	6.59E-04	1.50E-03	2.51E-03	2.34E-03
1824	387227.74, 3751784.85	5.971	9.955	9.294	2.91E-04	4.85E-04	4.53E-04	4.04E-04	6.73E-04	6.29E-04	1.43E-03	2.39E-03	2.23E-03
1825	387227.74, 3751809.85	5.718	9.481	8.839	2.78E-04	4.62E-04	4.30E-04	3.87E-04	6.41E-04	5.98E-04	1.37E-03	2.27E-03	2.12E-03
1826	387227.74, 3751834.85	5.425	8.922	8.31	2.64E-04	4.34E-04	4.05E-04	3.67E-04	6.04E-04	5.62E-04	1.30E-03	2.14E-03	1.99E-03
1827	387227.74, 3751859.85	5.09	8.297	7.755	2.48E-04	4.04E-04	3.78E-04	3.44E-04	5.61E-04	5.25E-04	1.22E-03	1.99E-03	1.86E-03
1828	387252.74, 3750884.85	17.84	35.12	31.42	8.69E-04	1.71E-03	1.53E-03	1.21E-03	2.38E-03	2.13E-03	4.28E-03	8.42E-03	7.53E-03
1829	387252.74, 3750909.85	17.79	33.98	30.6	8.66E-04	1.65E-03	1.49E-03	1.20E-03	2.30E-03	2.07E-03	4.26E-03	8.14E-03	7.33E-03
1830	387252.74, 3750934.85	15.74	29.96	27	7.66E-04	1.46E-03	1.31E-03	1.06E-03	2.03E-03	1.83E-03	3.77E-03	7.18E-03	6.47E-03
1831	387252.74, 3750959.85	14.76	27.85	25.2	7.19E-04	1.36E-03	1.23E-03	9.99E-04	1.88E-03	1.70E-03	3.54E-03	6.68E-03	6.04E-03
1832	387252.74, 3750984.85	14.27	26.39	23.98	6.95E-04	1.28E-03	1.17E-03	9.65E-04	1.79E-03	1.62E-03	3.42E-03	6.32E-03	5.75E-03
1833	387252.74, 3751009.85	13.53	24.92	22.92	6.59E-04	1.21E-03	1.12E-03	9.15E-04	1.69E-03	1.55E-03	3.24E-03	5.97E-03	5.49E-03
1834	387252.74, 3751034.85	13.16	23.88	22.02	6.41E-04	1.16E-03	1.07E-03	8.90E-04	1.62E-03	1.49E-03	3.15E-03	5.72E-03	5.28E-03
1835	387252.74, 3751059.85	12.58	22.82	20.72	6.12E-04	1.11E-03	1.01E-03	8.51E-04	1.54E-03	1.40E-03	3.01E-03	5.47E-03	4.97E-03
1836	387252.74, 3751084.85	11.92	21.58	19.55	5.80E-04	1.05E-03	9.52E-04	8.06E-04	1.46E-03	1.32E-03	2.86E-03	5.17E-03	4.69E-03
1837	387252.74, 3751109.85	11.47	20.52	18.59	5.58E-04	9.99E-04	9.05E-04	7.76E-04	1.39E-03	1.26E-03	2.75E-03	4.92E-03	4.46E-03
1838	387252.74, 3751134.85	10.84	19.52	17.62	5.28E-04	9.50E-04	8.58E-04	7.34E-04	1.32E-03	1.19E-03	2.60E-03	4.68E-03	4.22E-03
1839	387252.74, 3751159.85	10.48	18.75	16.97	5.10E-04	9.13E-04	8.26E-04	7.09E-04	1.27E-03	1.15E-03	2.51E-03	4.49E-03	4.07E-03
1840	387252.74, 3751184.85	10.25	18.14	16.51	4.99E-04	8.83E-04	8.04E-04	6.93E-04	1.23E-03	1.12E-03	2.46E-03	4.35E-03	3.96E-03

1841	387252.74, 3751209.85	9.923	17.51	16	4.83E-04	8.53E-04	7.79E-04	6.71E-04	1.18E-03	1.08E-03	2.38E-03	4.20E-03	3.83E-03
1842	387252.74, 3751234.85	9.669	16.91	15.51	4.71E-04	8.23E-04	7.55E-04	6.54E-04	1.14E-03	1.05E-03	2.32E-03	4.05E-03	3.72E-03
1843	387252.74, 3751259.85	9.333	16.28	15.02	4.54E-04	7.93E-04	7.31E-04	6.31E-04	1.10E-03	1.02E-03	2.24E-03	3.90E-03	3.60E-03
1844	387252.74, 3751284.85	9.108	15.78	14.57	4.43E-04	7.68E-04	7.09E-04	6.16E-04	1.07E-03	9.86E-04	2.18E-03	3.78E-03	3.49E-03
1845	387252.74, 3751309.85	8.812	15.31	14.12	4.29E-04	7.45E-04	6.88E-04	5.96E-04	1.04E-03	9.55E-04	2.11E-03	3.67E-03	3.38E-03
1846	387252.74, 3751334.85	8.49	14.81	13.66	4.13E-04	7.21E-04	6.65E-04	5.74E-04	1.00E-03	9.24E-04	2.03E-03	3.55E-03	3.27E-03
1847	387252.74, 3751359.85	8.235	14.33	13.21	4.01E-04	6.97E-04	6.43E-04	5.57E-04	9.69E-04	8.94E-04	1.97E-03	3.43E-03	3.17E-03
1848	387252.74, 3751384.85	7.93	13.8	12.75	3.86E-04	6.72E-04	6.21E-04	5.36E-04	9.34E-04	8.62E-04	1.90E-03	3.31E-03	3.06E-03
1849	387252.74, 3751409.85	7.785	13.47	12.46	3.79E-04	6.56E-04	6.07E-04	5.27E-04	9.11E-04	8.43E-04	1.87E-03	3.23E-03	2.99E-03
1850	387252.74, 3751434.85	7.494	12.98	12.03	3.65E-04	6.32E-04	5.86E-04	5.07E-04	8.78E-04	8.14E-04	1.80E-03	3.11E-03	2.88E-03
1851	387252.74, 3751459.85	7.359	12.68	11.78	3.58E-04	6.17E-04	5.74E-04	4.98E-04	8.57E-04	7.97E-04	1.76E-03	3.04E-03	2.82E-03
1852	387252.74, 3751484.85	7.212	12.37	11.53	3.51E-04	6.02E-04	5.61E-04	4.88E-04	8.37E-04	7.80E-04	1.73E-03	2.96E-03	2.76E-03
1853	387252.74, 3751509.85	7.036	12.04	11.22	3.43E-04	5.86E-04	5.46E-04	4.76E-04	8.14E-04	7.59E-04	1.69E-03	2.89E-03	2.69E-03
1854	387252.74, 3751534.85	6.885	11.76	10.92	3.35E-04	5.73E-04	5.32E-04	4.66E-04	7.96E-04	7.39E-04	1.65E-03	2.82E-03	2.62E-03
1855	387252.74, 3751559.85	6.706	11.43	10.59	3.27E-04	5.57E-04	5.15E-04	4.54E-04	7.73E-04	7.16E-04	1.61E-03	2.74E-03	2.54E-03
1856	387252.74, 3751584.85	6.533	11.12	10.3	3.18E-04	5.42E-04	5.01E-04	4.42E-04	7.53E-04	6.97E-04	1.57E-03	2.67E-03	2.47E-03
1857	387252.74, 3751609.85	6.365	10.83	9.973	3.10E-04	5.27E-04	4.86E-04	4.31E-04	7.33E-04	6.75E-04	1.53E-03	2.60E-03	2.39E-03
1858	387252.74, 3751634.85	6.195	10.51	9.668	3.02E-04	5.12E-04	4.71E-04	4.19E-04	7.11E-04	6.54E-04	1.48E-03	2.52E-03	2.32E-03
1859	387252.74, 3751659.85	6.007	10.18	9.374	2.92E-04	4.95E-04	4.56E-04	4.06E-04	6.88E-04	6.34E-04	1.44E-03	2.44E-03	2.25E-03
1860	387252.74, 3751684.85	5.823	9.852	9.104	2.84E-04	4.80E-04	4.43E-04	3.94E-04	6.66E-04	6.16E-04	1.40E-03	2.36E-03	2.18E-03
1861	387252.74, 3751709.85	5.638	9.507	8.809	2.74E-04	4.63E-04	4.29E-04	3.81E-04	6.43E-04	5.96E-04	1.35E-03	2.28E-03	2.11E-03
1862	387252.74, 3751734.85	5.484	9.217	8.501	2.67E-04	4.49E-04	4.14E-04	3.71E-04	6.23E-04	5.75E-04	1.31E-03	2.21E-03	2.04E-03
1863	387252.74, 3751759.85	5.262	8.813	8.171	2.56E-04	4.29E-04	3.98E-04	3.56E-04	5.96E-04	5.53E-04	1.26E-03	2.11E-03	1.96E-03
1864	387252.74, 3751784.85	5.076	8.457	7.823	2.47E-04	4.12E-04	3.81E-04	3.43E-04	5.72E-04	5.29E-04	1.22E-03	2.03E-03	1.88E-03
1865	387252.74, 3751809.85	4.862	8.055	7.441	2.37E-04	3.92E-04	3.62E-04	3.29E-04	5.45E-04	5.03E-04	1.17E-03	1.93E-03	1.78E-03
1866	387252.74, 3751834.85	4.618	7.595	7.066	2.25E-04	3.70E-04	3.44E-04	3.12E-04	5.14E-04	4.78E-04	1.11E-03	1.82E-03	1.69E-03
1867	387252.74, 3751859.85	4.351	7.149	6.738	2.12E-04	3.48E-04	3.28E-04	2.94E-04	4.84E-04	4.56E-04	1.04E-03	1.71E-03	1.62E-03
1868	387277.74, 3750684.85	16.42	32.45	28.8	8.00E-04	1.58E-03	1.40E-03	1.11E-03	2.20E-03	1.95E-03	3.94E-03	7.78E-03	6.90E-03
1869	387277.74, 3750709.85	16.44	31.19	28.09	8.01E-04	1.52E-03	1.37E-03	1.11E-03	2.11E-03	1.90E-03	3.94E-03	7.48E-03	6.73E-03
1870	387277.74, 3750734.85	15.41	29.18	26.34	7.50E-04	1.42E-03	1.28E-03	1.04E-03	1.97E-03	1.78E-03	3.69E-03	6.99E-03	6.31E-03
1871	387277.74, 3750759.85	14.72	27.53	25.1	7.17E-04	1.34E-03	1.22E-03	9.96E-04	1.86E-03	1.70E-03	3.53E-03	6.60E-03	6.02E-03
1872	387277.74, 3750784.85	14.21	26.18	23.91	6.92E-04	1.27E-03	1.16E-03	9.61E-04	1.77E-03	1.62E-03	3.40E-03	6.27E-03	5.73E-03
1873	387277.74, 3750809.85	13.23	24.5	22.15	6.44E-04	1.19E-03	1.08E-03	8.95E-04	1.66E-03	1.50E-03	3.17E-03	5.87E-03	5.31E-03
1874	387277.74, 3750834.85	12.71	23.23	21.16	6.19E-04	1.13E-03	1.03E-03	8.59E-04	1.57E-03	1.43E-03	3.05E-03	5.57E-03	5.07E-03
1875	387277.74, 3750859.85	12.38	22.27	20.37	6.03E-04	1.08E-03	9.92E-04	8.37E-04	1.51E-03	1.38E-03	2.97E-03	5.34E-03	4.88E-03
1876	387277.74, 3750884.85	11.93	21.33	19.78	5.81E-04	1.04E-03	9.63E-04	8.07E-04	1.44E-03	1.34E-03	2.86E-03	5.11E-03	4.74E-03
1877	387277.74, 3750909.85	11.54	20.59	18.98	5.62E-04	1.00E-03	9.24E-04	7.80E-04	1.39E-03	1.28E-03	2.77E-03	4.93E-03	4.55E-03
1878	387277.74, 3750934.85	11.2	19.93	18.33	5.46E-04	9.70E-04	8.93E-04	7.58E-04	1.35E-03	1.24E-03	2.69E-03	4.78E-03	4.39E-03
1879	387277.74, 3750959.85	10.69	18.96	17.41	5.20E-04	9.23E-04	8.47E-04	7.23E-04	1.28E-03	1.18E-03	2.56E-03	4.54E-03	4.17E-03
1880	387277.74, 3750984.85	10.38	18.23	16.76	5.06E-04	8.87E-04	8.16E-04	7.02E-04	1.23E-03	1.13E-03	2.49E-03	4.37E-03	4.02E-03
1881	387277.74, 3751009.85	10.01	17.5	16.13	4.87E-04	8.52E-04	7.85E-04	6.77E-04	1.18E-03	1.09E-03	2.40E-03	4.20E-03	3.87E-03

1882	387277.74, 3751034.85	9.721	16.94	15.63	4.73E-04	8.25E-04	7.61E-04	6.58E-04	1.15E-03	1.06E-03	2.33E-03	4.06E-03	3.75E-03
1883	387277.74, 3751059.85	9.448	16.53	15.37	4.60E-04	8.05E-04	7.48E-04	6.39E-04	1.12E-03	1.04E-03	2.26E-03	3.96E-03	3.68E-03
1884	387277.74, 3751084.85	9.188	16	14.88	4.47E-04	7.79E-04	7.25E-04	6.22E-04	1.08E-03	1.01E-03	2.20E-03	3.83E-03	3.57E-03
1885	387277.74, 3751109.85	8.99	15.52	14.48	4.38E-04	7.56E-04	7.05E-04	6.08E-04	1.05E-03	9.79E-04	2.15E-03	3.72E-03	3.47E-03
1886	387277.74, 3751134.85	8.768	15.08	14.11	4.27E-04	7.34E-04	6.87E-04	5.93E-04	1.02E-03	9.54E-04	2.10E-03	3.61E-03	3.38E-03
1887	387277.74, 3751159.85	8.388	14.5	13.49	4.08E-04	7.06E-04	6.57E-04	5.67E-04	9.81E-04	9.13E-04	2.01E-03	3.47E-03	3.23E-03
1888	387277.74, 3751184.85	8.122	14.04	13.07	3.95E-04	6.83E-04	6.36E-04	5.49E-04	9.50E-04	8.84E-04	1.95E-03	3.36E-03	3.13E-03
1889	387277.74, 3751209.85	7.923	13.65	12.77	3.86E-04	6.64E-04	6.22E-04	5.36E-04	9.23E-04	8.64E-04	1.90E-03	3.27E-03	3.06E-03
1890	387277.74, 3751234.85	7.75	13.32	12.46	3.77E-04	6.49E-04	6.07E-04	5.24E-04	9.01E-04	8.43E-04	1.86E-03	3.19E-03	2.99E-03
1891	387277.74, 3751259.85	7.522	12.93	12.11	3.66E-04	6.30E-04	5.90E-04	5.09E-04	8.75E-04	8.19E-04	1.80E-03	3.10E-03	2.90E-03
1892	387277.74, 3751284.85	7.385	12.69	11.81	3.60E-04	6.18E-04	5.75E-04	5.00E-04	8.58E-04	7.99E-04	1.77E-03	3.04E-03	2.83E-03
1893	387277.74, 3751309.85	7.191	12.34	11.5	3.50E-04	6.01E-04	5.60E-04	4.86E-04	8.35E-04	7.78E-04	1.72E-03	2.96E-03	2.76E-03
1894	387277.74, 3751334.85	7.015	12.07	11.26	3.42E-04	5.88E-04	5.48E-04	4.75E-04	8.16E-04	7.62E-04	1.68E-03	2.89E-03	2.70E-03
1895	387277.74, 3751359.85	6.857	11.81	10.98	3.34E-04	5.75E-04	5.34E-04	4.64E-04	7.99E-04	7.43E-04	1.64E-03	2.83E-03	2.63E-03
1896	387277.74, 3751384.85	6.702	11.52	10.7	3.26E-04	5.61E-04	5.21E-04	4.53E-04	7.79E-04	7.24E-04	1.61E-03	2.76E-03	2.56E-03
1897	387277.74, 3751409.85	6.549	11.25	10.45	3.19E-04	5.48E-04	5.09E-04	4.43E-04	7.61E-04	7.07E-04	1.57E-03	2.70E-03	2.51E-03
1898	387277.74, 3751434.85	6.398	10.98	10.21	3.11E-04	5.35E-04	4.97E-04	4.33E-04	7.43E-04	6.91E-04	1.53E-03	2.63E-03	2.45E-03
1899	387277.74, 3751459.85	6.25	10.72	9.978	3.04E-04	5.22E-04	4.86E-04	4.23E-04	7.25E-04	6.75E-04	1.50E-03	2.57E-03	2.39E-03
1900	387277.74, 3751484.85	6.11	10.47	9.735	2.97E-04	5.10E-04	4.74E-04	4.13E-04	7.09E-04	6.58E-04	1.46E-03	2.51E-03	2.33E-03
1901	387277.74, 3751509.85	5.967	10.22	9.477	2.91E-04	4.98E-04	4.61E-04	4.04E-04	6.91E-04	6.41E-04	1.43E-03	2.45E-03	2.27E-03
1902	387277.74, 3751534.85	5.836	9.982	9.22	2.84E-04	4.86E-04	4.49E-04	3.95E-04	6.75E-04	6.24E-04	1.40E-03	2.39E-03	2.21E-03
1903	387277.74, 3751559.85	5.694	9.724	8.951	2.77E-04	4.73E-04	4.36E-04	3.85E-04	6.58E-04	6.05E-04	1.36E-03	2.33E-03	2.15E-03
1904	387277.74, 3751584.85	5.566	9.495	8.718	2.71E-04	4.62E-04	4.24E-04	3.76E-04	6.42E-04	5.90E-04	1.33E-03	2.28E-03	2.09E-03
1905	387277.74, 3751609.85	5.438	9.274	8.501	2.65E-04	4.52E-04	4.14E-04	3.68E-04	6.27E-04	5.75E-04	1.30E-03	2.22E-03	2.04E-03
1906	387277.74, 3751634.85	5.308	9.032	8.261	2.58E-04	4.40E-04	4.02E-04	3.59E-04	6.11E-04	5.59E-04	1.27E-03	2.16E-03	1.98E-03
1907	387277.74, 3751659.85	5.175	8.784	8.028	2.52E-04	4.28E-04	3.91E-04	3.50E-04	5.94E-04	5.43E-04	1.24E-03	2.11E-03	1.92E-03
1908	387277.74, 3751684.85	5.034	8.525	7.783	2.45E-04	4.15E-04	3.79E-04	3.41E-04	5.77E-04	5.26E-04	1.21E-03	2.04E-03	1.87E-03
1909	387277.74, 3751709.85	4.888	8.253	7.55	2.38E-04	4.02E-04	3.68E-04	3.31E-04	5.58E-04	5.11E-04	1.17E-03	1.98E-03	1.81E-03
1910	387277.74, 3751734.85	4.733	7.965	7.298	2.30E-04	3.88E-04	3.55E-04	3.20E-04	5.39E-04	4.94E-04	1.13E-03	1.91E-03	1.75E-03
1911	387277.74, 3751759.85	4.567	7.656	7.029	2.22E-04	3.73E-04	3.42E-04	3.09E-04	5.18E-04	4.76E-04	1.09E-03	1.84E-03	1.68E-03
1912	387277.74, 3751784.85	4.396	7.334	6.733	2.14E-04	3.57E-04	3.28E-04	2.97E-04	4.96E-04	4.55E-04	1.05E-03	1.76E-03	1.61E-03
1913	387277.74, 3751809.85	4.219	6.999	6.494	2.05E-04	3.41E-04	3.16E-04	2.85E-04	4.73E-04	4.39E-04	1.01E-03	1.68E-03	1.56E-03
1914	387277.74, 3751834.85	4.025	6.654	6.253	1.96E-04	3.24E-04	3.04E-04	2.72E-04	4.50E-04	4.23E-04	9.65E-04	1.59E-03	1.50E-03
1915	387277.74, 3751859.85	3.808	6.323	5.954	1.85E-04	3.08E-04	2.90E-04	2.58E-04	4.28E-04	4.03E-04	9.13E-04	1.52E-03	1.43E-03
1916	387302.74, 3750459.85	18.3	35.59	31.68	8.91E-04	1.73E-03	1.54E-03	1.24E-03	2.41E-03	2.14E-03	4.39E-03	8.53E-03	7.59E-03
1917	387302.74, 3750484.85	16.13	31.67	28.26	7.85E-04	1.54E-03	1.38E-03	1.09E-03	2.14E-03	1.91E-03	3.87E-03	7.59E-03	6.77E-03
1918	387302.74, 3750509.85	15.92	30.16	27.15	7.75E-04	1.47E-03	1.32E-03	1.08E-03	2.04E-03	1.84E-03	3.81E-03	7.23E-03	6.51E-03
1919	387302.74, 3750534.85	14.98	28.26	25.5	7.29E-04	1.38E-03	1.24E-03	1.01E-03	1.91E-03	1.73E-03	3.59E-03	6.77E-03	6.11E-03
1920	387302.74, 3750559.85	14.17	26.6	24.16	6.90E-04	1.30E-03	1.18E-03	9.58E-04	1.80E-03	1.63E-03	3.40E-03	6.38E-03	5.79E-03
1921	387302.74, 3750584.85	13.8	25.29	23.17	6.72E-04	1.23E-03	1.13E-03	9.34E-04	1.71E-03	1.57E-03	3.31E-03	6.06E-03	5.55E-03
1922	387302.74, 3750609.85	12.98	23.93	21.79	6.32E-04	1.17E-03	1.06E-03	8.78E-04	1.62E-03	1.47E-03	3.11E-03	5.74E-03	5.22E-03

1923	387302.74, 3750634.85	12.51	22.78	20.98	6.09E-04	1.11E-03	1.02E-03	8.46E-04	1.54E-03	1.42E-03	3.00E-03	5.46E-03	5.03E-03
1924	387302.74, 3750659.85	12.18	22	20.02	5.93E-04	1.07E-03	9.75E-04	8.24E-04	1.49E-03	1.35E-03	2.92E-03	5.27E-03	4.80E-03
1925	387302.74, 3750684.85	11.68	21.06	19.15	5.69E-04	1.03E-03	9.32E-04	7.90E-04	1.42E-03	1.30E-03	2.80E-03	5.05E-03	4.59E-03
1926	387302.74, 3750709.85	11.32	20.16	18.38	5.51E-04	9.81E-04	8.95E-04	7.66E-04	1.36E-03	1.24E-03	2.71E-03	4.83E-03	4.40E-03
1927	387302.74, 3750734.85	10.99	19.45	17.82	5.35E-04	9.47E-04	8.68E-04	7.43E-04	1.32E-03	1.21E-03	2.63E-03	4.66E-03	4.27E-03
1928	387302.74, 3750759.85	10.61	18.71	17.17	5.17E-04	9.11E-04	8.36E-04	7.18E-04	1.27E-03	1.16E-03	2.54E-03	4.48E-03	4.11E-03
1929	387302.74, 3750784.85	10.32	18.15	16.76	5.02E-04	8.84E-04	8.16E-04	6.98E-04	1.23E-03	1.13E-03	2.47E-03	4.35E-03	4.02E-03
1930	387302.74, 3750809.85	9.965	17.53	16.24	4.85E-04	8.53E-04	7.91E-04	6.74E-04	1.19E-03	1.10E-03	2.39E-03	4.20E-03	3.89E-03
1931	387302.74, 3750834.85	9.642	16.86	15.6	4.69E-04	8.21E-04	7.59E-04	6.52E-04	1.14E-03	1.06E-03	2.31E-03	4.04E-03	3.74E-03
1932	387302.74, 3750859.85	9.398	16.28	15.13	4.58E-04	7.93E-04	7.36E-04	6.36E-04	1.10E-03	1.02E-03	2.25E-03	3.90E-03	3.63E-03
1933	387302.74, 3750884.85	9.157	15.79	14.66	4.46E-04	7.69E-04	7.14E-04	6.19E-04	1.07E-03	9.92E-04	2.19E-03	3.78E-03	3.51E-03
1934	387302.74, 3750909.85	8.851	15.37	14.33	4.31E-04	7.49E-04	6.98E-04	5.99E-04	1.04E-03	9.70E-04	2.12E-03	3.68E-03	3.44E-03
1935	387302.74, 3750934.85	8.671	15.06	14.15	4.22E-04	7.33E-04	6.89E-04	5.87E-04	1.02E-03	9.57E-04	2.08E-03	3.61E-03	3.39E-03
1936	387302.74, 3750959.85	8.473	14.62	13.71	4.13E-04	7.12E-04	6.68E-04	5.73E-04	9.89E-04	9.27E-04	2.03E-03	3.50E-03	3.29E-03
1937	387302.74, 3750984.85	8.279	14.22	13.31	4.03E-04	6.93E-04	6.48E-04	5.60E-04	9.62E-04	9.00E-04	1.98E-03	3.41E-03	3.19E-03
1938	387302.74, 3751009.85	8.053	13.83	12.92	3.92E-04	6.73E-04	6.29E-04	5.45E-04	9.36E-04	8.74E-04	1.93E-03	3.32E-03	3.10E-03
1939	387302.74, 3751034.85	7.78	13.38	12.51	3.79E-04	6.52E-04	6.09E-04	5.26E-04	9.05E-04	8.46E-04	1.86E-03	3.21E-03	3.00E-03
1940	387302.74, 3751059.85	7.638	13.13	12.35	3.72E-04	6.40E-04	6.01E-04	5.17E-04	8.89E-04	8.35E-04	1.83E-03	3.15E-03	2.96E-03
1941	387302.74, 3751084.85	7.463	12.86	12.05	3.63E-04	6.26E-04	5.87E-04	5.05E-04	8.70E-04	8.15E-04	1.79E-03	3.08E-03	2.89E-03
1942	387302.74, 3751109.85	7.259	12.52	11.7	3.53E-04	6.10E-04	5.70E-04	4.91E-04	8.47E-04	7.92E-04	1.74E-03	3.00E-03	2.80E-03
1943	387302.74, 3751134.85	7.079	12.21	11.41	3.45E-04	5.94E-04	5.56E-04	4.79E-04	8.26E-04	7.72E-04	1.70E-03	2.93E-03	2.74E-03
1944	387302.74, 3751159.85	6.913	11.93	11.16	3.37E-04	5.81E-04	5.43E-04	4.68E-04	8.07E-04	7.55E-04	1.66E-03	2.86E-03	2.68E-03
1945	387302.74, 3751184.85	6.762	11.66	10.92	3.29E-04	5.68E-04	5.32E-04	4.57E-04	7.89E-04	7.39E-04	1.62E-03	2.80E-03	2.62E-03
1946	387302.74, 3751209.85	6.619	11.41	10.69	3.22E-04	5.56E-04	5.20E-04	4.48E-04	7.72E-04	7.23E-04	1.59E-03	2.74E-03	2.56E-03
1947	387302.74, 3751234.85	6.498	11.19	10.46	3.16E-04	5.45E-04	5.09E-04	4.40E-04	7.57E-04	7.07E-04	1.56E-03	2.68E-03	2.51E-03
1948	387302.74, 3751259.85	6.351	10.94	10.2	3.09E-04	5.33E-04	4.97E-04	4.30E-04	7.40E-04	6.90E-04	1.52E-03	2.62E-03	2.45E-03
1949	387302.74, 3751284.85	6.23	10.73	9.969	3.03E-04	5.22E-04	4.85E-04	4.21E-04	7.26E-04	6.74E-04	1.49E-03	2.57E-03	2.39E-03
1950	387302.74, 3751309.85	6.077	10.47	9.729	2.96E-04	5.10E-04	4.74E-04	4.11E-04	7.08E-04	6.58E-04	1.46E-03	2.51E-03	2.33E-03
1951	387302.74, 3751334.85	5.949	10.26	9.541	2.90E-04	4.99E-04	4.65E-04	4.02E-04	6.94E-04	6.45E-04	1.43E-03	2.46E-03	2.29E-03
1952	387302.74, 3751359.85	5.826	10.06	9.324	2.84E-04	4.90E-04	4.54E-04	3.94E-04	6.81E-04	6.31E-04	1.40E-03	2.41E-03	2.23E-03
1953	387302.74, 3751384.85	5.701	9.829	9.14	2.78E-04	4.79E-04	4.45E-04	3.86E-04	6.65E-04	6.18E-04	1.37E-03	2.36E-03	2.19E-03
1954	387302.74, 3751409.85	5.604	9.656	8.96	2.73E-04	4.70E-04	4.36E-04	3.79E-04	6.53E-04	6.06E-04	1.34E-03	2.31E-03	2.15E-03
1955	387302.74, 3751434.85	5.483	9.44	8.767	2.67E-04	4.60E-04	4.27E-04	3.71E-04	6.39E-04	5.93E-04	1.31E-03	2.26E-03	2.10E-03
1956	387302.74, 3751459.85	5.373	9.241	8.576	2.62E-04	4.50E-04	4.18E-04	3.63E-04	6.25E-04	5.80E-04	1.29E-03	2.21E-03	2.06E-03
1957	387302.74, 3751484.85	5.251	9.028	8.357	2.56E-04	4.40E-04	4.07E-04	3.55E-04	6.11E-04	5.65E-04	1.26E-03	2.16E-03	2.00E-03
1958	387302.74, 3751509.85	5.14	8.829	8.158	2.50E-04	4.30E-04	3.97E-04	3.48E-04	5.97E-04	5.52E-04	1.23E-03	2.12E-03	1.96E-03
1959	387302.74, 3751534.85	5.037	8.646	7.961	2.45E-04	4.21E-04	3.88E-04	3.41E-04	5.85E-04	5.38E-04	1.21E-03	2.07E-03	1.91E-03
1960	387302.74, 3751559.85	4.935	8.451	7.753	2.40E-04	4.11E-04	3.77E-04	3.34E-04	5.72E-04	5.24E-04	1.18E-03	2.03E-03	1.86E-03
1961	387302.74, 3751584.85	4.831	8.263	7.569	2.35E-04	4.02E-04	3.68E-04	3.27E-04	5.59E-04	5.12E-04	1.16E-03	1.98E-03	1.81E-03
1962	387302.74, 3751609.85	4.717	8.064	7.357	2.30E-04	3.93E-04	3.58E-04	3.19E-04	5.45E-04	4.98E-04	1.13E-03	1.93E-03	1.76E-03
1963	387302.74, 3751634.85	4.617	7.869	7.177	2.25E-04	3.83E-04	3.49E-04	3.12E-04	5.32E-04	4.85E-04	1.11E-03	1.89E-03	1.72E-03

1964	387302.74, 3751659.85	4.498	7.648	6.975	2.19E-04	3.72E-04	3.40E-04	3.04E-04	5.17E-04	4.72E-04	1.08E-03	1.83E-03	1.67E-03
1965	387302.74, 3751684.85	4.388	7.445	6.786	2.14E-04	3.62E-04	3.30E-04	2.97E-04	5.04E-04	4.59E-04	1.05E-03	1.78E-03	1.63E-03
1966	387302.74, 3751709.85	4.265	7.216	6.593	2.08E-04	3.51E-04	3.21E-04	2.89E-04	4.88E-04	4.46E-04	1.02E-03	1.73E-03	1.58E-03
1967	387302.74, 3751734.85	4.135	6.97	6.383	2.01E-04	3.39E-04	3.11E-04	2.80E-04	4.71E-04	4.32E-04	9.91E-04	1.67E-03	1.53E-03
1968	387302.74, 3751759.85	4.002	6.721	6.16	1.95E-04	3.27E-04	3.00E-04	2.71E-04	4.55E-04	4.17E-04	9.59E-04	1.61E-03	1.48E-03
1969	387302.74, 3751784.85	3.868	6.466	5.993	1.88E-04	3.15E-04	2.92E-04	2.62E-04	4.37E-04	4.05E-04	9.27E-04	1.55E-03	1.44E-03
1970	387302.74, 3751809.85	3.721	6.198	5.81	1.81E-04	3.02E-04	2.83E-04	2.52E-04	4.19E-04	3.93E-04	8.92E-04	1.49E-03	1.39E-03
1971	387302.74, 3751834.85	3.556	5.939	5.598	1.73E-04	2.89E-04	2.73E-04	2.41E-04	4.02E-04	3.79E-04	8.52E-04	1.42E-03	1.34E-03
1972	387302.74, 3751859.85	3.39	5.686	5.25	1.65E-04	2.77E-04	2.56E-04	2.29E-04	3.85E-04	3.55E-04	8.13E-04	1.36E-03	1.26E-03
1973	387327.74, 3750259.85	18.31	35.26	31.54	8.91E-04	1.72E-03	1.54E-03	1.24E-03	2.39E-03	2.13E-03	4.39E-03	8.45E-03	7.56E-03
1974	387327.74, 3750284.85	16.57	31.99	28.76	8.07E-04	1.56E-03	1.40E-03	1.12E-03	2.16E-03	1.95E-03	3.97E-03	7.67E-03	6.89E-03
1975	387327.74, 3750309.85	16.36	30.71	27.85	7.97E-04	1.50E-03	1.36E-03	1.11E-03	2.08E-03	1.88E-03	3.92E-03	7.36E-03	6.68E-03
1976	387327.74, 3750334.85	15.43	28.59	26.08	7.51E-04	1.39E-03	1.27E-03	1.04E-03	1.93E-03	1.76E-03	3.70E-03	6.85E-03	6.25E-03
1977	387327.74, 3750359.85	14.38	26.64	24.54	7.00E-04	1.30E-03	1.19E-03	9.73E-04	1.80E-03	1.66E-03	3.45E-03	6.38E-03	5.88E-03
1978	387327.74, 3750384.85	13.87	25.39	23.29	6.75E-04	1.24E-03	1.13E-03	9.38E-04	1.72E-03	1.58E-03	3.32E-03	6.09E-03	5.58E-03
1979	387327.74, 3750409.85	12.98	23.74	21.6	6.32E-04	1.16E-03	1.05E-03	8.78E-04	1.61E-03	1.46E-03	3.11E-03	5.69E-03	5.18E-03
1980	387327.74, 3750434.85	12.37	22.49	20.68	6.02E-04	1.09E-03	1.01E-03	8.37E-04	1.52E-03	1.40E-03	2.97E-03	5.39E-03	4.96E-03
1981	387327.74, 3750459.85	12.21	21.87	19.91	5.95E-04	1.06E-03	9.69E-04	8.26E-04	1.48E-03	1.35E-03	2.93E-03	5.24E-03	4.77E-03
1982	387327.74, 3750484.85	11.62	20.84	19.01	5.66E-04	1.01E-03	9.25E-04	7.86E-04	1.41E-03	1.29E-03	2.78E-03	4.99E-03	4.56E-03
1983	387327.74, 3750509.85	11.06	19.75	18.01	5.38E-04	9.62E-04	8.77E-04	7.48E-04	1.34E-03	1.22E-03	2.65E-03	4.73E-03	4.32E-03
1984	387327.74, 3750534.85	10.76	19.11	17.49	5.24E-04	9.30E-04	8.52E-04	7.28E-04	1.29E-03	1.18E-03	2.58E-03	4.58E-03	4.19E-03
1985	387327.74, 3750559.85	10.36	18.36	16.88	5.04E-04	8.94E-04	8.22E-04	7.01E-04	1.24E-03	1.14E-03	2.48E-03	4.40E-03	4.05E-03
1986	387327.74, 3750584.85	10.13	17.77	16.38	4.93E-04	8.65E-04	7.97E-04	6.85E-04	1.20E-03	1.11E-03	2.43E-03	4.26E-03	3.93E-03
1987	387327.74, 3750609.85	9.874	17.27	16	4.81E-04	8.41E-04	7.79E-04	6.68E-04	1.17E-03	1.08E-03	2.37E-03	4.14E-03	3.83E-03
1988	387327.74, 3750634.85	9.576	16.7	15.49	4.66E-04	8.13E-04	7.54E-04	6.48E-04	1.13E-03	1.05E-03	2.30E-03	4.00E-03	3.71E-03
1989	387327.74, 3750659.85	9.336	16.27	15.18	4.55E-04	7.92E-04	7.39E-04	6.32E-04	1.10E-03	1.03E-03	2.24E-03	3.90E-03	3.64E-03
1990	387327.74, 3750684.85	9.175	15.87	14.89	4.47E-04	7.73E-04	7.25E-04	6.21E-04	1.07E-03	1.01E-03	2.20E-03	3.80E-03	3.57E-03
1991	387327.74, 3750709.85	8.905	15.34	14.38	4.34E-04	7.47E-04	7.00E-04	6.02E-04	1.04E-03	9.73E-04	2.13E-03	3.68E-03	3.45E-03
1992	387327.74, 3750734.85	8.683	14.92	14.01	4.23E-04	7.27E-04	6.82E-04	5.87E-04	1.01E-03	9.48E-04	2.08E-03	3.58E-03	3.36E-03
1993	387327.74, 3750759.85	8.464	14.55	13.64	4.12E-04	7.09E-04	6.64E-04	5.73E-04	9.85E-04	9.23E-04	2.03E-03	3.49E-03	3.27E-03
1994	387327.74, 3750784.85	8.247	14.17	13.36	4.02E-04	6.90E-04	6.50E-04	5.58E-04	9.58E-04	9.04E-04	1.98E-03	3.40E-03	3.20E-03
1995	387327.74, 3750809.85	8.011	13.8	13	3.90E-04	6.72E-04	6.33E-04	5.42E-04	9.33E-04	8.79E-04	1.92E-03	3.31E-03	3.12E-03
1996	387327.74, 3750834.85	7.842	13.49	12.65	3.82E-04	6.57E-04	6.16E-04	5.30E-04	9.13E-04	8.56E-04	1.88E-03	3.23E-03	3.03E-03
1997	387327.74, 3750859.85	7.648	13.14	12.31	3.72E-04	6.40E-04	5.99E-04	5.17E-04	8.89E-04	8.32E-04	1.83E-03	3.15E-03	2.95E-03
1998	387327.74, 3750884.85	7.477	12.85	11.99	3.64E-04	6.26E-04	5.84E-04	5.06E-04	8.69E-04	8.11E-04	1.79E-03	3.08E-03	2.87E-03
1999	387327.74, 3750909.85	7.273	12.51	11.78	3.54E-04	6.09E-04	5.73E-04	4.92E-04	8.46E-04	7.97E-04	1.74E-03	3.00E-03	2.82E-03
2000	387327.74, 3750934.85	7.154	12.33	11.66	3.48E-04	6.00E-04	5.68E-04	4.84E-04	8.34E-04	7.89E-04	1.71E-03	2.96E-03	2.79E-03
2001	387327.74, 3750959.85	7.014	12.12	11.36	3.42E-04	5.90E-04	5.53E-04	4.74E-04	8.20E-04	7.68E-04	1.68E-03	2.90E-03	2.72E-03
2002	387327.74, 3750984.85	6.91	11.91	11.1	3.36E-04	5.80E-04	5.40E-04	4.67E-04	8.05E-04	7.51E-04	1.66E-03	2.85E-03	2.66E-03
2003	387327.74, 3751009.85	6.738	11.61	10.8	3.28E-04	5.65E-04	5.26E-04	4.56E-04	7.85E-04	7.31E-04	1.61E-03	2.78E-03	2.59E-03
2004	387327.74, 3751034.85	6.54	11.28	10.55	3.18E-04	5.49E-04	5.14E-04	4.42E-04	7.63E-04	7.14E-04	1.57E-03	2.70E-03	2.53E-03

2005	387327.74, 3751059.85	6.382	11.03	10.32	3.11E-04	5.37E-04	5.03E-04	4.32E-04	7.46E-04	6.98E-04	1.53E-03	2.64E-03	2.47E-03
2006	387327.74, 3751084.85	6.297	10.89	10.18	3.07E-04	5.30E-04	4.96E-04	4.26E-04	7.36E-04	6.88E-04	1.51E-03	2.61E-03	2.44E-03
2007	387327.74, 3751109.85	6.169	10.68	9.958	3.00E-04	5.20E-04	4.85E-04	4.17E-04	7.22E-04	6.74E-04	1.48E-03	2.56E-03	2.39E-03
2008	387327.74, 3751134.85	6.055	10.46	9.764	2.95E-04	5.09E-04	4.75E-04	4.10E-04	7.08E-04	6.60E-04	1.45E-03	2.51E-03	2.34E-03
2009	387327.74, 3751159.85	5.933	10.25	9.566	2.89E-04	4.99E-04	4.66E-04	4.01E-04	6.93E-04	6.47E-04	1.42E-03	2.46E-03	2.29E-03
2010	387327.74, 3751184.85	5.823	10.07	9.406	2.84E-04	4.90E-04	4.58E-04	3.94E-04	6.81E-04	6.36E-04	1.40E-03	2.41E-03	2.25E-03
2011	387327.74, 3751209.85	5.703	9.864	9.207	2.78E-04	4.80E-04	4.48E-04	3.86E-04	6.67E-04	6.23E-04	1.37E-03	2.36E-03	2.21E-03
2012	387327.74, 3751234.85	5.595	9.676	9.014	2.72E-04	4.71E-04	4.39E-04	3.78E-04	6.55E-04	6.10E-04	1.34E-03	2.32E-03	2.16E-03
2013	387327.74, 3751259.85	5.499	9.508	8.827	2.68E-04	4.63E-04	4.30E-04	3.72E-04	6.43E-04	5.97E-04	1.32E-03	2.28E-03	2.12E-03
2014	387327.74, 3751284.85	5.392	9.325	8.641	2.63E-04	4.54E-04	4.21E-04	3.65E-04	6.31E-04	5.84E-04	1.29E-03	2.23E-03	2.07E-03
2015	387327.74, 3751309.85	5.278	9.126	8.457	2.57E-04	4.44E-04	4.12E-04	3.57E-04	6.17E-04	5.72E-04	1.26E-03	2.19E-03	2.03E-03
2016	387327.74, 3751334.85	5.169	8.944	8.285	2.52E-04	4.35E-04	4.03E-04	3.50E-04	6.05E-04	5.60E-04	1.24E-03	2.14E-03	1.99E-03
2017	387327.74, 3751359.85	5.068	8.779	8.121	2.47E-04	4.27E-04	3.95E-04	3.43E-04	5.94E-04	5.49E-04	1.21E-03	2.10E-03	1.95E-03
2018	387327.74, 3751384.85	4.985	8.621	7.988	2.43E-04	4.20E-04	3.89E-04	3.37E-04	5.83E-04	5.40E-04	1.19E-03	2.07E-03	1.91E-03
2019	387327.74, 3751409.85	4.902	8.476	7.833	2.39E-04	4.13E-04	3.81E-04	3.32E-04	5.73E-04	5.30E-04	1.17E-03	2.03E-03	1.88E-03
2020	387327.74, 3751434.85	4.813	8.311	7.681	2.34E-04	4.05E-04	3.74E-04	3.26E-04	5.62E-04	5.20E-04	1.15E-03	1.99E-03	1.84E-03
2021	387327.74, 3751459.85	4.724	8.148	7.519	2.30E-04	3.97E-04	3.66E-04	3.20E-04	5.51E-04	5.09E-04	1.13E-03	1.95E-03	1.80E-03
2022	387327.74, 3751484.85	4.626	7.974	7.347	2.25E-04	3.88E-04	3.58E-04	3.13E-04	5.39E-04	4.97E-04	1.11E-03	1.91E-03	1.76E-03
2023	387327.74, 3751509.85	4.533	7.811	7.183	2.21E-04	3.80E-04	3.50E-04	3.07E-04	5.28E-04	4.86E-04	1.09E-03	1.87E-03	1.72E-03
2024	387327.74, 3751534.85	4.441	7.64	7.022	2.16E-04	3.72E-04	3.42E-04	3.00E-04	5.17E-04	4.75E-04	1.06E-03	1.83E-03	1.68E-03
2025	387327.74, 3751559.85	4.358	7.485	6.847	2.12E-04	3.64E-04	3.33E-04	2.95E-04	5.06E-04	4.63E-04	1.04E-03	1.79E-03	1.64E-03
2026	387327.74, 3751584.85	4.262	7.31	6.663	2.07E-04	3.56E-04	3.24E-04	2.88E-04	4.94E-04	4.51E-04	1.02E-03	1.75E-03	1.60E-03
2027	387327.74, 3751609.85	4.177	7.158	6.512	2.03E-04	3.49E-04	3.17E-04	2.83E-04	4.84E-04	4.41E-04	1.00E-03	1.72E-03	1.56E-03
2028	387327.74, 3751634.85	4.091	7	6.362	1.99E-04	3.41E-04	3.10E-04	2.77E-04	4.74E-04	4.30E-04	9.81E-04	1.68E-03	1.52E-03
2029	387327.74, 3751659.85	3.999	6.827	6.194	1.95E-04	3.32E-04	3.02E-04	2.70E-04	4.62E-04	4.19E-04	9.58E-04	1.64E-03	1.48E-03
2030	387327.74, 3751684.85	3.903	6.645	6.023	1.90E-04	3.24E-04	2.93E-04	2.64E-04	4.49E-04	4.07E-04	9.35E-04	1.59E-03	1.44E-03
2031	387327.74, 3751709.85	3.789	6.424	5.847	1.84E-04	3.13E-04	2.85E-04	2.56E-04	4.35E-04	3.96E-04	9.08E-04	1.54E-03	1.40E-03
2032	387327.74, 3751734.85	3.698	6.252	5.724	1.80E-04	3.04E-04	2.79E-04	2.50E-04	4.23E-04	3.87E-04	8.86E-04	1.50E-03	1.37E-03
2033	387327.74, 3751759.85	3.593	6.049	5.591	1.75E-04	2.95E-04	2.72E-04	2.43E-04	4.09E-04	3.78E-04	8.61E-04	1.45E-03	1.34E-03
2034	387327.74, 3751784.85	3.468	5.818	5.437	1.69E-04	2.83E-04	2.65E-04	2.35E-04	3.94E-04	3.68E-04	8.31E-04	1.39E-03	1.30E-03
2035	387327.74, 3751809.85	3.339	5.608	5.272	1.63E-04	2.73E-04	2.57E-04	2.26E-04	3.79E-04	3.57E-04	8.00E-04	1.34E-03	1.26E-03
2036	387327.74, 3751834.85	3.2	5.393	4.993	1.56E-04	2.63E-04	2.43E-04	2.16E-04	3.65E-04	3.38E-04	7.67E-04	1.29E-03	1.20E-03
2037	387327.74, 3751859.85	3.049	5.162	4.743	1.48E-04	2.51E-04	2.31E-04	2.06E-04	3.49E-04	3.21E-04	7.31E-04	1.24E-03	1.14E-03
2038	387352.74, 3750034.85	18.82	37.19	33.11	9.16E-04	1.81E-03	1.61E-03	1.27E-03	2.52E-03	2.24E-03	4.51E-03	8.91E-03	7.94E-03
2039	387352.74, 3750059.85	18.6	35.72	32.12	9.05E-04	1.74E-03	1.56E-03	1.26E-03	2.42E-03	2.17E-03	4.46E-03	8.56E-03	7.70E-03
2040	387352.74, 3750084.85	16.32	31.2	28.07	7.95E-04	1.52E-03	1.37E-03	1.10E-03	2.11E-03	1.90E-03	3.91E-03	7.48E-03	6.73E-03
2041	387352.74, 3750109.85	15.5	29.14	26.43	7.55E-04	1.42E-03	1.29E-03	1.05E-03	1.97E-03	1.79E-03	3.72E-03	6.98E-03	6.33E-03
2042	387352.74, 3750134.85	14.99	27.67	25.1	7.30E-04	1.35E-03	1.22E-03	1.01E-03	1.87E-03	1.70E-03	3.59E-03	6.63E-03	6.02E-03
2043	387352.74, 3750159.85	14.17	26.11	23.88	6.90E-04	1.27E-03	1.16E-03	9.59E-04	1.77E-03	1.62E-03	3.40E-03	6.26E-03	5.72E-03
2044	387352.74, 3750184.85	13.84	25.04	22.97	6.74E-04	1.22E-03	1.12E-03	9.36E-04	1.69E-03	1.55E-03	3.32E-03	6.00E-03	5.51E-03
2045	387352.74, 3750209.85	13.19	23.77	21.61	6.42E-04	1.16E-03	1.05E-03	8.92E-04	1.61E-03	1.46E-03	3.16E-03	5.70E-03	5.18E-03

2046	387352.74, 3750234.85	12.64	22.6	20.83	6.15E-04	1.10E-03	1.01E-03	8.55E-04	1.53E-03	1.41E-03	3.03E-03	5.42E-03	4.99E-03
2047	387352.74, 3750259.85	12.17	21.69	20	5.93E-04	1.06E-03	9.74E-04	8.23E-04	1.47E-03	1.35E-03	2.92E-03	5.20E-03	4.79E-03
2048	387352.74, 3750284.85	11.81	20.84	19.21	5.75E-04	1.01E-03	9.35E-04	7.99E-04	1.41E-03	1.30E-03	2.83E-03	5.00E-03	4.60E-03
2049	387352.74, 3750309.85	11.43	20.07	18.58	5.56E-04	9.77E-04	9.05E-04	7.73E-04	1.36E-03	1.26E-03	2.74E-03	4.81E-03	4.45E-03
2050	387352.74, 3750334.85	11.08	19.33	17.98	5.39E-04	9.41E-04	8.76E-04	7.49E-04	1.31E-03	1.22E-03	2.65E-03	4.63E-03	4.31E-03
2051	387352.74, 3750359.85	10.59	18.44	17.11	5.15E-04	8.98E-04	8.33E-04	7.16E-04	1.25E-03	1.16E-03	2.54E-03	4.42E-03	4.10E-03
2052	387352.74, 3750384.85	10.14	17.74	16.46	4.94E-04	8.64E-04	8.01E-04	6.86E-04	1.20E-03	1.11E-03	2.43E-03	4.25E-03	3.94E-03
2053	387352.74, 3750409.85	9.848	17.23	16.07	4.79E-04	8.39E-04	7.82E-04	6.66E-04	1.17E-03	1.09E-03	2.36E-03	4.13E-03	3.85E-03
2054	387352.74, 3750434.85	9.522	16.57	15.42	4.64E-04	8.07E-04	7.51E-04	6.44E-04	1.12E-03	1.04E-03	2.28E-03	3.97E-03	3.70E-03
2055	387352.74, 3750459.85	9.326	16.17	15.15	4.54E-04	7.87E-04	7.37E-04	6.31E-04	1.09E-03	1.02E-03	2.24E-03	3.88E-03	3.63E-03
2056	387352.74, 3750484.85	9.088	15.71	14.76	4.42E-04	7.65E-04	7.19E-04	6.15E-04	1.06E-03	9.98E-04	2.18E-03	3.77E-03	3.54E-03
2057	387352.74, 3750509.85	8.736	15.13	14.16	4.25E-04	7.36E-04	6.89E-04	5.91E-04	1.02E-03	9.58E-04	2.09E-03	3.63E-03	3.39E-03
2058	387352.74, 3750534.85	8.461	14.66	13.78	4.12E-04	7.14E-04	6.71E-04	5.72E-04	9.92E-04	9.32E-04	2.03E-03	3.51E-03	3.30E-03
2059	387352.74, 3750559.85	8.276	14.3	13.48	4.03E-04	6.96E-04	6.57E-04	5.60E-04	9.67E-04	9.12E-04	1.98E-03	3.43E-03	3.23E-03
2060	387352.74, 3750584.85	8.063	13.92	13.14	3.93E-04	6.78E-04	6.40E-04	5.45E-04	9.42E-04	8.89E-04	1.93E-03	3.34E-03	3.15E-03
2061	387352.74, 3750609.85	7.971	13.74	12.92	3.88E-04	6.69E-04	6.29E-04	5.39E-04	9.29E-04	8.74E-04	1.91E-03	3.29E-03	3.10E-03
2062	387352.74, 3750634.85	7.81	13.46	12.63	3.80E-04	6.56E-04	6.15E-04	5.28E-04	9.11E-04	8.55E-04	1.87E-03	3.23E-03	3.03E-03
2063	387352.74, 3750659.85	7.639	13.15	12.4	3.72E-04	6.40E-04	6.04E-04	5.17E-04	8.90E-04	8.38E-04	1.83E-03	3.15E-03	2.97E-03
2064	387352.74, 3750684.85	7.515	12.94	12.16	3.66E-04	6.30E-04	5.92E-04	5.08E-04	8.75E-04	8.22E-04	1.80E-03	3.10E-03	2.91E-03
2065	387352.74, 3750709.85	7.346	12.66	11.87	3.58E-04	6.17E-04	5.78E-04	4.97E-04	8.57E-04	8.03E-04	1.76E-03	3.03E-03	2.84E-03
2066	387352.74, 3750734.85	7.192	12.39	11.61	3.50E-04	6.03E-04	5.65E-04	4.87E-04	8.38E-04	7.85E-04	1.72E-03	2.97E-03	2.78E-03
2067	387352.74, 3750759.85	7.04	12.13	11.37	3.43E-04	5.90E-04	5.53E-04	4.76E-04	8.20E-04	7.69E-04	1.69E-03	2.91E-03	2.72E-03
2068	387352.74, 3750784.85	6.876	11.84	11.13	3.35E-04	5.76E-04	5.42E-04	4.65E-04	8.01E-04	7.53E-04	1.65E-03	2.84E-03	2.67E-03
2069	387352.74, 3750809.85	6.697	11.56	10.86	3.26E-04	5.63E-04	5.29E-04	4.53E-04	7.82E-04	7.34E-04	1.61E-03	2.77E-03	2.60E-03
2070	387352.74, 3750834.85	6.601	11.39	10.66	3.21E-04	5.55E-04	5.19E-04	4.47E-04	7.70E-04	7.21E-04	1.58E-03	2.73E-03	2.55E-03
2071	387352.74, 3750859.85	6.458	11.14	10.41	3.14E-04	5.43E-04	5.07E-04	4.37E-04	7.54E-04	7.04E-04	1.55E-03	2.67E-03	2.50E-03
2072	387352.74, 3750884.85	6.328	10.92	10.18	3.08E-04	5.32E-04	4.96E-04	4.28E-04	7.39E-04	6.89E-04	1.52E-03	2.62E-03	2.44E-03
2073	387352.74, 3750909.85	6.188	10.68	10.03	3.01E-04	5.20E-04	4.88E-04	4.19E-04	7.22E-04	6.78E-04	1.48E-03	2.56E-03	2.40E-03
2074	387352.74, 3750934.85	6.049	10.47	9.859	2.95E-04	5.10E-04	4.80E-04	4.09E-04	7.08E-04	6.67E-04	1.45E-03	2.51E-03	2.36E-03
2075	387352.74, 3750959.85	5.98	10.37	9.709	2.91E-04	5.05E-04	4.73E-04	4.04E-04	7.02E-04	6.57E-04	1.43E-03	2.49E-03	2.33E-03
2076	387352.74, 3750984.85	5.878	10.2	9.474	2.86E-04	4.96E-04	4.61E-04	3.98E-04	6.90E-04	6.41E-04	1.41E-03	2.44E-03	2.27E-03
2077	387352.74, 3751009.85	5.754	9.977	9.305	2.80E-04	4.86E-04	4.53E-04	3.89E-04	6.75E-04	6.29E-04	1.38E-03	2.39E-03	2.23E-03
2078	387352.74, 3751034.85	5.659	9.801	9.145	2.76E-04	4.77E-04	4.45E-04	3.83E-04	6.63E-04	6.19E-04	1.36E-03	2.35E-03	2.19E-03
2079	387352.74, 3751059.85	5.541	9.605	8.967	2.70E-04	4.68E-04	4.37E-04	3.75E-04	6.50E-04	6.07E-04	1.33E-03	2.30E-03	2.15E-03
2080	387352.74, 3751084.85	5.462	9.478	8.842	2.66E-04	4.61E-04	4.30E-04	3.69E-04	6.41E-04	5.98E-04	1.31E-03	2.27E-03	2.12E-03
2081	387352.74, 3751109.85	5.348	9.301	8.667	2.60E-04	4.53E-04	4.22E-04	3.62E-04	6.29E-04	5.86E-04	1.28E-03	2.23E-03	2.08E-03
2082	387352.74, 3751134.85	5.269	9.157	8.533	2.57E-04	4.46E-04	4.15E-04	3.56E-04	6.19E-04	5.77E-04	1.26E-03	2.19E-03	2.05E-03
2083	387352.74, 3751159.85	5.169	8.982	8.383	2.52E-04	4.37E-04	4.08E-04	3.50E-04	6.08E-04	5.67E-04	1.24E-03	2.15E-03	2.01E-03
2084	387352.74, 3751184.85	5.084	8.831	8.235	2.48E-04	4.30E-04	4.01E-04	3.44E-04	5.97E-04	5.57E-04	1.22E-03	2.12E-03	1.97E-03
2085	387352.74, 3751209.85	4.994	8.673	8.079	2.43E-04	4.22E-04	3.93E-04	3.38E-04	5.87E-04	5.46E-04	1.20E-03	2.08E-03	1.94E-03
2086	387352.74, 3751234.85	4.916	8.536	7.926	2.39E-04	4.16E-04	3.86E-04	3.33E-04	5.77E-04	5.36E-04	1.18E-03	2.05E-03	1.90E-03

2087	387352.74, 3751259.85	4.832	8.391	7.772	2.35E-04	4.09E-04	3.78E-04	3.27E-04	5.68E-04	5.26E-04	1.16E-03	2.01E-03	1.86E-03
2088	387352.74, 3751284.85	4.758	8.261	7.631	2.32E-04	4.02E-04	3.72E-04	3.22E-04	5.59E-04	5.16E-04	1.14E-03	1.98E-03	1.83E-03
2089	387352.74, 3751309.85	4.669	8.104	7.486	2.27E-04	3.95E-04	3.64E-04	3.16E-04	5.48E-04	5.06E-04	1.12E-03	1.94E-03	1.79E-03
2090	387352.74, 3751334.85	4.589	7.968	7.362	2.23E-04	3.88E-04	3.58E-04	3.10E-04	5.39E-04	4.98E-04	1.10E-03	1.91E-03	1.76E-03
2091	387352.74, 3751359.85	4.506	7.829	7.216	2.19E-04	3.81E-04	3.51E-04	3.05E-04	5.30E-04	4.88E-04	1.08E-03	1.88E-03	1.73E-03
2092	387352.74, 3751384.85	4.435	7.702	7.084	2.16E-04	3.75E-04	3.45E-04	3.00E-04	5.21E-04	4.79E-04	1.06E-03	1.85E-03	1.70E-03
2093	387352.74, 3751409.85	4.361	7.566	6.955	2.12E-04	3.68E-04	3.39E-04	2.95E-04	5.12E-04	4.70E-04	1.05E-03	1.81E-03	1.67E-03
2094	387352.74, 3751434.85	4.289	7.431	6.826	2.09E-04	3.62E-04	3.32E-04	2.90E-04	5.03E-04	4.62E-04	1.03E-03	1.78E-03	1.64E-03
2095	387352.74, 3751459.85	4.215	7.292	6.687	2.05E-04	3.55E-04	3.26E-04	2.85E-04	4.93E-04	4.52E-04	1.01E-03	1.75E-03	1.60E-03
2096	387352.74, 3751484.85	4.137	7.151	6.562	2.01E-04	3.48E-04	3.20E-04	2.80E-04	4.84E-04	4.44E-04	9.92E-04	1.71E-03	1.57E-03
2097	387352.74, 3751509.85	4.057	7.005	6.429	1.98E-04	3.41E-04	3.13E-04	2.74E-04	4.74E-04	4.35E-04	9.72E-04	1.68E-03	1.54E-03
2098	387352.74, 3751534.85	3.98	6.864	6.283	1.94E-04	3.34E-04	3.06E-04	2.69E-04	4.64E-04	4.25E-04	9.54E-04	1.65E-03	1.51E-03
2099	387352.74, 3751559.85	3.902	6.721	6.128	1.90E-04	3.27E-04	2.98E-04	2.64E-04	4.55E-04	4.15E-04	9.35E-04	1.61E-03	1.47E-03
2100	387352.74, 3751584.85	3.823	6.575	5.973	1.86E-04	3.20E-04	2.91E-04	2.59E-04	4.45E-04	4.04E-04	9.16E-04	1.58E-03	1.43E-03
2101	387352.74, 3751609.85	3.752	6.446	5.856	1.83E-04	3.14E-04	2.85E-04	2.54E-04	4.36E-04	3.96E-04	8.99E-04	1.55E-03	1.40E-03
2102	387352.74, 3751634.85	3.671	6.297	5.712	1.79E-04	3.07E-04	2.78E-04	2.48E-04	4.26E-04	3.86E-04	8.80E-04	1.51E-03	1.37E-03
2103	387352.74, 3751659.85	3.593	6.151	5.571	1.75E-04	2.99E-04	2.71E-04	2.43E-04	4.16E-04	3.77E-04	8.61E-04	1.47E-03	1.34E-03
2104	387352.74, 3751684.85	3.515	6.002	5.436	1.71E-04	2.92E-04	2.65E-04	2.38E-04	4.06E-04	3.68E-04	8.43E-04	1.44E-03	1.30E-03
2105	387352.74, 3751709.85	3.428	5.834	5.333	1.67E-04	2.84E-04	2.60E-04	2.32E-04	3.95E-04	3.61E-04	8.22E-04	1.40E-03	1.28E-03
2106	387352.74, 3751734.85	3.338	5.659	5.222	1.63E-04	2.76E-04	2.54E-04	2.26E-04	3.83E-04	3.53E-04	8.00E-04	1.36E-03	1.25E-03
2107	387352.74, 3751759.85	3.242	5.476	5.103	1.58E-04	2.67E-04	2.48E-04	2.19E-04	3.70E-04	3.45E-04	7.77E-04	1.31E-03	1.22E-03
2108	387352.74, 3751784.85	3.135	5.298	4.965	1.53E-04	2.58E-04	2.42E-04	2.12E-04	3.58E-04	3.36E-04	7.51E-04	1.27E-03	1.19E-03
2109	387352.74, 3751809.85	3.018	5.113	4.742	1.47E-04	2.49E-04	2.31E-04	2.04E-04	3.46E-04	3.21E-04	7.23E-04	1.23E-03	1.14E-03
2110	387352.74, 3751834.85	2.889	4.915	4.5	1.41E-04	2.39E-04	2.19E-04	1.95E-04	3.32E-04	3.04E-04	6.92E-04	1.18E-03	1.08E-03
2111	387352.74, 3751859.85	2.755	4.711	4.322	1.34E-04	2.29E-04	2.10E-04	1.86E-04	3.19E-04	2.92E-04	6.60E-04	1.13E-03	1.04E-03
2112	387377.74, 3749834.85	16.83	33.37	29.64	8.19E-04	1.62E-03	1.44E-03	1.14E-03	2.26E-03	2.01E-03	4.03E-03	8.00E-03	7.11E-03
2113	387377.74, 3749859.85	17.08	32.64	29.44	8.32E-04	1.59E-03	1.43E-03	1.16E-03	2.21E-03	1.99E-03	4.09E-03	7.82E-03	7.06E-03
2114	387377.74, 3749884.85	15.76	29.94	27.03	7.68E-04	1.46E-03	1.32E-03	1.07E-03	2.03E-03	1.83E-03	3.78E-03	7.18E-03	6.48E-03
2115	387377.74, 3749909.85	15.11	28.3	25.83	7.35E-04	1.38E-03	1.26E-03	1.02E-03	1.91E-03	1.75E-03	3.62E-03	6.78E-03	6.19E-03
2116	387377.74, 3749934.85	14.69	27.12	24.73	7.15E-04	1.32E-03	1.20E-03	9.94E-04	1.83E-03	1.67E-03	3.52E-03	6.50E-03	5.93E-03
2117	387377.74, 3749959.85	13.52	25.1	22.72	6.58E-04	1.22E-03	1.11E-03	9.15E-04	1.70E-03	1.54E-03	3.24E-03	6.02E-03	5.44E-03
2118	387377.74, 3749984.85	12.86	23.57	21.52	6.26E-04	1.15E-03	1.05E-03	8.70E-04	1.59E-03	1.46E-03	3.08E-03	5.65E-03	5.16E-03
2119	387377.74, 3750009.85	12.75	22.92	20.89	6.21E-04	1.12E-03	1.02E-03	8.63E-04	1.55E-03	1.41E-03	3.06E-03	5.49E-03	5.01E-03
2120	387377.74, 3750034.85	12.31	21.99	20.39	5.99E-04	1.07E-03	9.93E-04	8.33E-04	1.49E-03	1.38E-03	2.95E-03	5.27E-03	4.89E-03
2121	387377.74, 3750059.85	12.13	21.51	19.76	5.91E-04	1.05E-03	9.62E-04	8.21E-04	1.45E-03	1.34E-03	2.91E-03	5.15E-03	4.74E-03
2122	387377.74, 3750084.85	11.59	20.54	18.95	5.64E-04	1.00E-03	9.23E-04	7.84E-04	1.39E-03	1.28E-03	2.78E-03	4.92E-03	4.54E-03
2123	387377.74, 3750109.85	11.11	19.57	18.04	5.41E-04	9.53E-04	8.78E-04	7.51E-04	1.32E-03	1.22E-03	2.66E-03	4.69E-03	4.32E-03
2124	387377.74, 3750134.85	10.82	18.88	17.48	5.27E-04	9.19E-04	8.51E-04	7.32E-04	1.28E-03	1.18E-03	2.59E-03	4.53E-03	4.19E-03
2125	387377.74, 3750159.85	10.33	18.05	16.68	5.03E-04	8.79E-04	8.12E-04	6.99E-04	1.22E-03	1.13E-03	2.48E-03	4.33E-03	4.00E-03
2126	387377.74, 3750184.85	10.09	17.53	16.29	4.91E-04	8.54E-04	7.93E-04	6.83E-04	1.19E-03	1.10E-03	2.42E-03	4.20E-03	3.90E-03
2127	387377.74, 3750209.85	9.873	17.05	15.95	4.81E-04	8.30E-04	7.76E-04	6.68E-04	1.15E-03	1.08E-03	2.37E-03	4.09E-03	3.82E-03

2128	387377.74, 3750234.85	9.603	16.48	15.42	4.68E-04	8.03E-04	7.51E-04	6.50E-04	1.12E-03	1.04E-03	2.30E-03	3.95E-03	3.70E-03
2129	387377.74, 3750259.85	9.27	15.96	14.96	4.51E-04	7.77E-04	7.28E-04	6.27E-04	1.08E-03	1.01E-03	2.22E-03	3.83E-03	3.59E-03
2130	387377.74, 3750284.85	9.084	15.59	14.67	4.42E-04	7.59E-04	7.14E-04	6.14E-04	1.05E-03	9.93E-04	2.18E-03	3.74E-03	3.52E-03
2131	387377.74, 3750309.85	8.858	15.18	14.33	4.31E-04	7.39E-04	6.98E-04	5.99E-04	1.03E-03	9.69E-04	2.12E-03	3.64E-03	3.43E-03
2132	387377.74, 3750334.85	8.634	14.81	13.98	4.20E-04	7.21E-04	6.81E-04	5.84E-04	1.00E-03	9.46E-04	2.07E-03	3.55E-03	3.35E-03
2133	387377.74, 3750359.85	8.392	14.42	13.53	4.09E-04	7.02E-04	6.59E-04	5.68E-04	9.76E-04	9.15E-04	2.01E-03	3.46E-03	3.24E-03
2134	387377.74, 3750384.85	8.159	13.99	13.19	3.97E-04	6.81E-04	6.42E-04	5.52E-04	9.46E-04	8.92E-04	1.96E-03	3.35E-03	3.16E-03
2135	387377.74, 3750409.85	7.922	13.64	12.86	3.86E-04	6.64E-04	6.26E-04	5.36E-04	9.23E-04	8.70E-04	1.90E-03	3.27E-03	3.08E-03
2136	387377.74, 3750434.85	7.771	13.41	12.61	3.78E-04	6.53E-04	6.14E-04	5.26E-04	9.07E-04	8.53E-04	1.86E-03	3.21E-03	3.02E-03
2137	387377.74, 3750459.85	7.604	13.09	12.36	3.70E-04	6.37E-04	6.02E-04	5.14E-04	8.85E-04	8.36E-04	1.82E-03	3.14E-03	2.96E-03
2138	387377.74, 3750484.85	7.453	12.85	12.1	3.63E-04	6.26E-04	5.89E-04	5.04E-04	8.69E-04	8.19E-04	1.79E-03	3.08E-03	2.90E-03
2139	387377.74, 3750509.85	7.228	12.5	11.76	3.52E-04	6.09E-04	5.73E-04	4.89E-04	8.46E-04	7.96E-04	1.73E-03	3.00E-03	2.82E-03
2140	387377.74, 3750534.85	7.015	12.14	11.51	3.42E-04	5.91E-04	5.60E-04	4.74E-04	8.21E-04	7.78E-04	1.68E-03	2.91E-03	2.76E-03
2141	387377.74, 3750559.85	6.885	11.93	11.28	3.35E-04	5.81E-04	5.49E-04	4.66E-04	8.07E-04	7.63E-04	1.65E-03	2.86E-03	2.70E-03
2142	387377.74, 3750584.85	6.752	11.69	11.07	3.29E-04	5.69E-04	5.39E-04	4.57E-04	7.91E-04	7.49E-04	1.62E-03	2.80E-03	2.65E-03
2143	387377.74, 3750609.85	6.696	11.57	10.86	3.26E-04	5.63E-04	5.29E-04	4.53E-04	7.83E-04	7.35E-04	1.60E-03	2.77E-03	2.60E-03
2144	387377.74, 3750634.85	6.587	11.39	10.69	3.21E-04	5.55E-04	5.20E-04	4.46E-04	7.71E-04	7.23E-04	1.58E-03	2.73E-03	2.56E-03
2145	387377.74, 3750659.85	6.47	11.18	10.51	3.15E-04	5.45E-04	5.12E-04	4.38E-04	7.57E-04	7.11E-04	1.55E-03	2.68E-03	2.52E-03
2146	387377.74, 3750684.85	6.363	10.99	10.3	3.10E-04	5.35E-04	5.01E-04	4.30E-04	7.44E-04	6.97E-04	1.53E-03	2.63E-03	2.47E-03
2147	387377.74, 3750709.85	6.241	10.79	10.11	3.04E-04	5.26E-04	4.92E-04	4.22E-04	7.30E-04	6.84E-04	1.50E-03	2.59E-03	2.42E-03
2148	387377.74, 3750734.85	6.148	10.64	9.945	2.99E-04	5.18E-04	4.84E-04	4.16E-04	7.19E-04	6.73E-04	1.47E-03	2.55E-03	2.38E-03
2149	387377.74, 3750759.85	6.021	10.42	9.773	2.93E-04	5.07E-04	4.76E-04	4.07E-04	7.05E-04	6.61E-04	1.44E-03	2.50E-03	2.34E-03
2150	387377.74, 3750784.85	5.92	10.24	9.613	2.88E-04	4.99E-04	4.68E-04	4.00E-04	6.93E-04	6.50E-04	1.42E-03	2.46E-03	2.30E-03
2151	387377.74, 3750809.85	5.813	10.07	9.431	2.83E-04	4.90E-04	4.59E-04	3.93E-04	6.81E-04	6.38E-04	1.39E-03	2.41E-03	2.26E-03
2152	387377.74, 3750834.85	5.704	9.886	9.227	2.78E-04	4.81E-04	4.49E-04	3.86E-04	6.69E-04	6.24E-04	1.37E-03	2.37E-03	2.21E-03
2153	387377.74, 3750859.85	5.588	9.694	9.039	2.72E-04	4.72E-04	4.40E-04	3.78E-04	6.56E-04	6.11E-04	1.34E-03	2.32E-03	2.17E-03
2154	387377.74, 3750884.85	5.49	9.522	8.868	2.67E-04	4.64E-04	4.32E-04	3.71E-04	6.44E-04	6.00E-04	1.32E-03	2.28E-03	2.13E-03
2155	387377.74, 3750909.85	5.371	9.321	8.716	2.62E-04	4.54E-04	4.24E-04	3.63E-04	6.31E-04	5.90E-04	1.29E-03	2.23E-03	2.09E-03
2156	387377.74, 3750934.85	5.281	9.181	8.586	2.57E-04	4.47E-04	4.18E-04	3.57E-04	6.21E-04	5.81E-04	1.27E-03	2.20E-03	2.06E-03
2157	387377.74, 3750959.85	5.195	9.054	8.453	2.53E-04	4.41E-04	4.12E-04	3.51E-04	6.12E-04	5.72E-04	1.25E-03	2.17E-03	2.03E-03
2158	387377.74, 3750984.85	5.132	8.952	8.307	2.50E-04	4.36E-04	4.04E-04	3.47E-04	6.06E-04	5.62E-04	1.23E-03	2.15E-03	1.99E-03
2159	387377.74, 3751009.85	5.06	8.816	8.19	2.46E-04	4.29E-04	3.99E-04	3.42E-04	5.96E-04	5.54E-04	1.21E-03	2.11E-03	1.96E-03
2160	387377.74, 3751034.85	4.955	8.633	8.046	2.41E-04	4.20E-04	3.92E-04	3.35E-04	5.84E-04	5.44E-04	1.19E-03	2.07E-03	1.93E-03
2161	387377.74, 3751059.85	4.887	8.515	7.927	2.38E-04	4.15E-04	3.86E-04	3.31E-04	5.76E-04	5.36E-04	1.17E-03	2.04E-03	1.90E-03
2162	387377.74, 3751084.85	4.822	8.401	7.814	2.35E-04	4.09E-04	3.80E-04	3.26E-04	5.68E-04	5.29E-04	1.16E-03	2.01E-03	1.87E-03
2163	387377.74, 3751109.85	4.732	8.263	7.685	2.30E-04	4.02E-04	3.74E-04	3.20E-04	5.59E-04	5.20E-04	1.13E-03	1.98E-03	1.84E-03
2164	387377.74, 3751134.85	4.665	8.143	7.571	2.27E-04	3.96E-04	3.69E-04	3.16E-04	5.51E-04	5.12E-04	1.12E-03	1.95E-03	1.81E-03
2165	387377.74, 3751159.85	4.591	8.011	7.451	2.24E-04	3.90E-04	3.63E-04	3.11E-04	5.42E-04	5.04E-04	1.10E-03	1.92E-03	1.79E-03
2166	387377.74, 3751184.85	4.531	7.9	7.333	2.21E-04	3.85E-04	3.57E-04	3.07E-04	5.34E-04	4.96E-04	1.09E-03	1.89E-03	1.76E-03
2167	387377.74, 3751209.85	4.454	7.763	7.201	2.17E-04	3.78E-04	3.51E-04	3.01E-04	5.25E-04	4.87E-04	1.07E-03	1.86E-03	1.73E-03
2168	387377.74, 3751234.85	4.386	7.645	7.074	2.14E-04	3.72E-04	3.44E-04	2.97E-04	5.17E-04	4.78E-04	1.05E-03	1.83E-03	1.70E-03

2169	387377.74, 3751259.85	4.32	7.53	6.95	2.10E-04	3.67E-04	3.38E-04	2.92E-04	5.09E-04	4.70E-04	1.04E-03	1.80E-03	1.67E-03
2170	387377.74, 3751284.85	4.256	7.417	6.832	2.07E-04	3.61E-04	3.33E-04	2.88E-04	5.02E-04	4.62E-04	1.02E-03	1.78E-03	1.64E-03
2171	387377.74, 3751309.85	4.19	7.299	6.723	2.04E-04	3.55E-04	3.27E-04	2.83E-04	4.94E-04	4.55E-04	1.00E-03	1.75E-03	1.61E-03
2172	387377.74, 3751334.85	4.123	7.182	6.62	2.01E-04	3.50E-04	3.22E-04	2.79E-04	4.86E-04	4.48E-04	9.88E-04	1.72E-03	1.59E-03
2173	387377.74, 3751359.85	4.058	7.071	6.507	1.98E-04	3.44E-04	3.17E-04	2.75E-04	4.78E-04	4.40E-04	9.73E-04	1.69E-03	1.56E-03
2174	387377.74, 3751384.85	3.996	6.96	6.384	1.95E-04	3.39E-04	3.11E-04	2.70E-04	4.71E-04	4.32E-04	9.58E-04	1.67E-03	1.53E-03
2175	387377.74, 3751409.85	3.934	6.847	6.262	1.92E-04	3.33E-04	3.05E-04	2.66E-04	4.63E-04	4.24E-04	9.43E-04	1.64E-03	1.50E-03
2176	387377.74, 3751434.85	3.871	6.728	6.145	1.88E-04	3.28E-04	2.99E-04	2.62E-04	4.55E-04	4.16E-04	9.28E-04	1.61E-03	1.47E-03
2177	387377.74, 3751459.85	3.804	6.602	6.03	1.85E-04	3.21E-04	2.94E-04	2.57E-04	4.47E-04	4.08E-04	9.12E-04	1.58E-03	1.45E-03
2178	387377.74, 3751484.85	3.737	6.479	5.922	1.82E-04	3.15E-04	2.88E-04	2.53E-04	4.38E-04	4.01E-04	8.96E-04	1.55E-03	1.42E-03
2179	387377.74, 3751509.85	3.669	6.354	5.805	1.79E-04	3.09E-04	2.83E-04	2.48E-04	4.30E-04	3.93E-04	8.79E-04	1.52E-03	1.39E-03
2180	387377.74, 3751534.85	3.603	6.231	5.679	1.75E-04	3.03E-04	2.76E-04	2.44E-04	4.21E-04	3.84E-04	8.63E-04	1.49E-03	1.36E-03
2181	387377.74, 3751559.85	3.535	6.106	5.545	1.72E-04	2.97E-04	2.70E-04	2.39E-04	4.13E-04	3.75E-04	8.47E-04	1.46E-03	1.33E-03
2182	387377.74, 3751584.85	3.466	5.977	5.411	1.69E-04	2.91E-04	2.63E-04	2.34E-04	4.04E-04	3.66E-04	8.31E-04	1.43E-03	1.30E-03
2183	387377.74, 3751609.85	3.4	5.855	5.307	1.66E-04	2.85E-04	2.58E-04	2.30E-04	3.96E-04	3.59E-04	8.15E-04	1.40E-03	1.27E-03
2184	387377.74, 3751634.85	3.334	5.734	5.198	1.62E-04	2.79E-04	2.53E-04	2.26E-04	3.88E-04	3.52E-04	7.99E-04	1.37E-03	1.25E-03
2185	387377.74, 3751659.85	3.263	5.6	5.066	1.59E-04	2.73E-04	2.47E-04	2.21E-04	3.79E-04	3.43E-04	7.82E-04	1.34E-03	1.21E-03
2186	387377.74, 3751684.85	3.192	5.463	4.981	1.55E-04	2.66E-04	2.43E-04	2.16E-04	3.70E-04	3.37E-04	7.65E-04	1.31E-03	1.19E-03
2187	387377.74, 3751709.85	3.116	5.316	4.894	1.52E-04	2.59E-04	2.38E-04	2.11E-04	3.60E-04	3.31E-04	7.47E-04	1.27E-03	1.17E-03
2188	387377.74, 3751734.85	3.035	5.16	4.797	1.48E-04	2.51E-04	2.34E-04	2.05E-04	3.49E-04	3.24E-04	7.27E-04	1.24E-03	1.15E-03
2189	387377.74, 3751759.85	2.948	5.014	4.687	1.44E-04	2.44E-04	2.28E-04	1.99E-04	3.39E-04	3.17E-04	7.07E-04	1.20E-03	1.12E-03
2190	387377.74, 3751784.85	2.854	4.86	4.506	1.39E-04	2.37E-04	2.19E-04	1.93E-04	3.29E-04	3.05E-04	6.84E-04	1.16E-03	1.08E-03
2191	387402.74, 3749609.85	20.97	40.44	36.24	1.02E-03	1.97E-03	1.76E-03	1.42E-03	2.74E-03	2.45E-03	5.03E-03	9.69E-03	8.69E-03
2192	387402.74, 3749634.85	18.71	35.71	32.32	9.11E-04	1.74E-03	1.57E-03	1.27E-03	2.42E-03	2.19E-03	4.48E-03	8.56E-03	7.75E-03
2193	387402.74, 3749659.85	18.43	34.42	31.37	8.97E-04	1.68E-03	1.53E-03	1.25E-03	2.33E-03	2.12E-03	4.42E-03	8.25E-03	7.52E-03
2194	387402.74, 3749684.85	16.73	30.99	28.31	8.15E-04	1.51E-03	1.38E-03	1.13E-03	2.10E-03	1.92E-03	4.01E-03	7.43E-03	6.79E-03
2195	387402.74, 3749709.85	15.27	28.21	25.93	7.44E-04	1.37E-03	1.26E-03	1.03E-03	1.91E-03	1.75E-03	3.66E-03	6.76E-03	6.21E-03
2196	387402.74, 3749734.85	14.67	26.71	24.57	7.14E-04	1.30E-03	1.20E-03	9.92E-04	1.81E-03	1.66E-03	3.52E-03	6.40E-03	5.89E-03
2197	387402.74, 3749759.85	13.69	24.95	22.91	6.67E-04	1.21E-03	1.12E-03	9.26E-04	1.69E-03	1.55E-03	3.28E-03	5.98E-03	5.49E-03
2198	387402.74, 3749784.85	13.15	23.62	21.93	6.40E-04	1.15E-03	1.07E-03	8.89E-04	1.60E-03	1.48E-03	3.15E-03	5.66E-03	5.26E-03
2199	387402.74, 3749809.85	12.7	22.66	20.73	6.18E-04	1.10E-03	1.01E-03	8.59E-04	1.53E-03	1.40E-03	3.04E-03	5.43E-03	4.97E-03
2200	387402.74, 3749834.85	11.95	21.43	19.61	5.82E-04	1.04E-03	9.55E-04	8.08E-04	1.45E-03	1.33E-03	2.86E-03	5.14E-03	4.70E-03
2201	387402.74, 3749859.85	11.58	20.55	18.88	5.64E-04	1.00E-03	9.19E-04	7.83E-04	1.39E-03	1.28E-03	2.78E-03	4.93E-03	4.52E-03
2202	387402.74, 3749884.85	11.33	19.95	18.39	5.52E-04	9.71E-04	8.95E-04	7.66E-04	1.35E-03	1.24E-03	2.72E-03	4.78E-03	4.41E-03
2203	387402.74, 3749909.85	10.75	18.93	17.44	5.24E-04	9.22E-04	8.49E-04	7.27E-04	1.28E-03	1.18E-03	2.58E-03	4.54E-03	4.18E-03
2204	387402.74, 3749934.85	10.43	18.33	16.91	5.08E-04	8.93E-04	8.23E-04	7.06E-04	1.24E-03	1.14E-03	2.50E-03	4.39E-03	4.05E-03
2205	387402.74, 3749959.85	9.927	17.55	16.18	4.83E-04	8.54E-04	7.88E-04	6.72E-04	1.19E-03	1.09E-03	2.38E-03	4.21E-03	3.88E-03
2206	387402.74, 3749984.85	9.769	17.08	15.8	4.76E-04	8.31E-04	7.69E-04	6.61E-04	1.16E-03	1.07E-03	2.34E-03	4.09E-03	3.79E-03
2207	387402.74, 3750009.85	9.703	16.68	15.55	4.72E-04	8.12E-04	7.57E-04	6.56E-04	1.13E-03	1.05E-03	2.33E-03	4.00E-03	3.73E-03
2208	387402.74, 3750034.85	9.403	16.15	15.07	4.58E-04	7.86E-04	7.34E-04	6.36E-04	1.09E-03	1.02E-03	2.25E-03	3.87E-03	3.61E-03
2209	387402.74, 3750059.85	9.284	15.92	15.02	4.52E-04	7.75E-04	7.32E-04	6.28E-04	1.08E-03	1.02E-03	2.23E-03	3.82E-03	3.60E-03

2210	387402.74, 3750084.85	9.027	15.49	14.67	4.39E-04	7.54E-04	7.14E-04	6.11E-04	1.05E-03	9.92E-04	2.16E-03	3.71E-03	3.52E-03
2211	387402.74, 3750109.85	8.816	15.12	14.2	4.29E-04	7.36E-04	6.91E-04	5.96E-04	1.02E-03	9.60E-04	2.11E-03	3.62E-03	3.40E-03
2212	387402.74, 3750134.85	8.568	14.65	13.83	4.17E-04	7.13E-04	6.73E-04	5.80E-04	9.91E-04	9.36E-04	2.05E-03	3.51E-03	3.32E-03
2213	387402.74, 3750159.85	8.383	14.35	13.48	4.08E-04	6.98E-04	6.56E-04	5.67E-04	9.70E-04	9.12E-04	2.01E-03	3.44E-03	3.23E-03
2214	387402.74, 3750184.85	8.161	13.95	13.15	3.97E-04	6.79E-04	6.40E-04	5.52E-04	9.44E-04	8.89E-04	1.96E-03	3.34E-03	3.15E-03
2215	387402.74, 3750209.85	7.953	13.61	12.85	3.87E-04	6.63E-04	6.26E-04	5.38E-04	9.21E-04	8.69E-04	1.91E-03	3.26E-03	3.08E-03
2216	387402.74, 3750234.85	7.778	13.33	12.48	3.79E-04	6.49E-04	6.08E-04	5.26E-04	9.02E-04	8.44E-04	1.86E-03	3.19E-03	2.99E-03
2217	387402.74, 3750259.85	7.582	12.98	12.18	3.69E-04	6.32E-04	5.93E-04	5.13E-04	8.78E-04	8.24E-04	1.82E-03	3.11E-03	2.92E-03
2218	387402.74, 3750284.85	7.412	12.72	11.95	3.61E-04	6.19E-04	5.82E-04	5.01E-04	8.60E-04	8.08E-04	1.78E-03	3.05E-03	2.86E-03
2219	387402.74, 3750309.85	7.274	12.5	11.78	3.54E-04	6.08E-04	5.73E-04	4.92E-04	8.45E-04	7.97E-04	1.74E-03	3.00E-03	2.82E-03
2220	387402.74, 3750334.85	7.112	12.24	11.53	3.46E-04	5.96E-04	5.61E-04	4.81E-04	8.28E-04	7.80E-04	1.70E-03	2.93E-03	2.76E-03
2221	387402.74, 3750359.85	6.984	12.03	11.29	3.40E-04	5.86E-04	5.50E-04	4.72E-04	8.14E-04	7.64E-04	1.67E-03	2.88E-03	2.71E-03
2222	387402.74, 3750384.85	6.823	11.75	11.05	3.32E-04	5.72E-04	5.38E-04	4.62E-04	7.95E-04	7.47E-04	1.64E-03	2.82E-03	2.65E-03
2223	387402.74, 3750409.85	6.636	11.47	10.82	3.23E-04	5.58E-04	5.27E-04	4.49E-04	7.76E-04	7.32E-04	1.59E-03	2.75E-03	2.59E-03
2224	387402.74, 3750434.85	6.519	11.29	10.6	3.17E-04	5.50E-04	5.16E-04	4.41E-04	7.64E-04	7.17E-04	1.56E-03	2.71E-03	2.54E-03
2225	387402.74, 3750459.85	6.441	11.13	10.48	3.14E-04	5.42E-04	5.10E-04	4.36E-04	7.53E-04	7.09E-04	1.54E-03	2.67E-03	2.51E-03
2226	387402.74, 3750484.85	6.325	10.94	10.3	3.08E-04	5.33E-04	5.02E-04	4.28E-04	7.40E-04	6.97E-04	1.52E-03	2.62E-03	2.47E-03
2227	387402.74, 3750509.85	6.188	10.74	10.09	3.01E-04	5.23E-04	4.91E-04	4.19E-04	7.26E-04	6.83E-04	1.48E-03	2.57E-03	2.42E-03
2228	387402.74, 3750534.85	6.02	10.46	9.916	2.93E-04	5.09E-04	4.83E-04	4.07E-04	7.08E-04	6.71E-04	1.44E-03	2.51E-03	2.38E-03
2229	387402.74, 3750559.85	5.914	10.28	9.752	2.88E-04	5.01E-04	4.75E-04	4.00E-04	6.96E-04	6.60E-04	1.42E-03	2.46E-03	2.34E-03
2230	387402.74, 3750584.85	5.806	10.1	9.591	2.83E-04	4.92E-04	4.67E-04	3.93E-04	6.83E-04	6.49E-04	1.39E-03	2.42E-03	2.30E-03
2231	387402.74, 3750609.85	5.78	10.03	9.396	2.81E-04	4.88E-04	4.57E-04	3.91E-04	6.78E-04	6.36E-04	1.39E-03	2.40E-03	2.25E-03
2232	387402.74, 3750634.85	5.689	9.871	9.25	2.77E-04	4.81E-04	4.50E-04	3.85E-04	6.68E-04	6.26E-04	1.36E-03	2.37E-03	2.22E-03
2233	387402.74, 3750659.85	5.602	9.728	9.099	2.73E-04	4.74E-04	4.43E-04	3.79E-04	6.58E-04	6.15E-04	1.34E-03	2.33E-03	2.18E-03
2234	387402.74, 3750684.85	5.512	9.567	8.964	2.68E-04	4.66E-04	4.36E-04	3.73E-04	6.47E-04	6.06E-04	1.32E-03	2.29E-03	2.15E-03
2235	387402.74, 3750709.85	5.424	9.427	8.821	2.64E-04	4.59E-04	4.29E-04	3.67E-04	6.38E-04	5.97E-04	1.30E-03	2.26E-03	2.11E-03
2236	387402.74, 3750734.85	5.337	9.281	8.698	2.60E-04	4.52E-04	4.24E-04	3.61E-04	6.28E-04	5.88E-04	1.28E-03	2.22E-03	2.08E-03
2237	387402.74, 3750759.85	5.27	9.164	8.575	2.57E-04	4.46E-04	4.18E-04	3.56E-04	6.20E-04	5.80E-04	1.26E-03	2.20E-03	2.06E-03
2238	387402.74, 3750784.85	5.181	9.012	8.433	2.52E-04	4.39E-04	4.11E-04	3.50E-04	6.10E-04	5.70E-04	1.24E-03	2.16E-03	2.02E-03
2239	387402.74, 3750809.85	5.101	8.878	8.292	2.48E-04	4.32E-04	4.04E-04	3.45E-04	6.01E-04	5.61E-04	1.22E-03	2.13E-03	1.99E-03
2240	387402.74, 3750834.85	5.019	8.739	8.144	2.44E-04	4.25E-04	3.97E-04	3.40E-04	5.91E-04	5.51E-04	1.20E-03	2.09E-03	1.95E-03
2241	387402.74, 3750859.85	4.931	8.597	8	2.40E-04	4.19E-04	3.90E-04	3.34E-04	5.82E-04	5.41E-04	1.18E-03	2.06E-03	1.92E-03
2242	387402.74, 3750884.85	4.855	8.463	7.868	2.36E-04	4.12E-04	3.83E-04	3.28E-04	5.72E-04	5.32E-04	1.16E-03	2.03E-03	1.89E-03
2243	387402.74, 3750909.85	4.758	8.297	7.729	2.32E-04	4.04E-04	3.76E-04	3.22E-04	5.61E-04	5.23E-04	1.14E-03	1.99E-03	1.85E-03
2244	387402.74, 3750934.85	4.68	8.169	7.629	2.28E-04	3.98E-04	3.71E-04	3.17E-04	5.53E-04	5.16E-04	1.12E-03	1.96E-03	1.83E-03
2245	387402.74, 3750959.85	4.609	8.064	7.509	2.24E-04	3.93E-04	3.66E-04	3.12E-04	5.46E-04	5.08E-04	1.10E-03	1.93E-03	1.80E-03
2246	387402.74, 3750984.85	4.567	7.999	7.422	2.22E-04	3.89E-04	3.61E-04	3.09E-04	5.41E-04	5.02E-04	1.09E-03	1.92E-03	1.78E-03
2247	387402.74, 3751009.85	4.489	7.862	7.305	2.19E-04	3.83E-04	3.56E-04	3.04E-04	5.32E-04	4.94E-04	1.08E-03	1.88E-03	1.75E-03
2248	387402.74, 3751034.85	4.429	7.751	7.204	2.16E-04	3.77E-04	3.51E-04	3.00E-04	5.24E-04	4.87E-04	1.06E-03	1.86E-03	1.73E-03
2249	387402.74, 3751059.85	4.371	7.649	7.105	2.13E-04	3.72E-04	3.46E-04	2.96E-04	5.17E-04	4.81E-04	1.05E-03	1.83E-03	1.70E-03
2250	387402.74, 3751084.85	4.321	7.556	7.011	2.10E-04	3.68E-04	3.41E-04	2.92E-04	5.11E-04	4.74E-04	1.04E-03	1.81E-03	1.68E-03

2251	387402.74, 3751109.85	4.243	7.434	6.901	2.07E-04	3.62E-04	3.36E-04	2.87E-04	5.03E-04	4.67E-04	1.02E-03	1.78E-03	1.65E-03
2252	387402.74, 3751134.85	4.191	7.343	6.804	2.04E-04	3.57E-04	3.31E-04	2.83E-04	4.97E-04	4.60E-04	1.00E-03	1.76E-03	1.63E-03
2253	387402.74, 3751159.85	4.132	7.237	6.702	2.01E-04	3.52E-04	3.26E-04	2.80E-04	4.90E-04	4.53E-04	9.90E-04	1.73E-03	1.61E-03
2254	387402.74, 3751184.85	4.076	7.134	6.599	1.98E-04	3.47E-04	3.21E-04	2.76E-04	4.83E-04	4.46E-04	9.77E-04	1.71E-03	1.58E-03
2255	387402.74, 3751209.85	4.019	7.03	6.493	1.96E-04	3.42E-04	3.16E-04	2.72E-04	4.76E-04	4.39E-04	9.63E-04	1.68E-03	1.56E-03
2256	387402.74, 3751234.85	3.96	6.927	6.385	1.93E-04	3.37E-04	3.11E-04	2.68E-04	4.69E-04	4.32E-04	9.49E-04	1.66E-03	1.53E-03
2257	387402.74, 3751259.85	3.908	6.835	6.285	1.90E-04	3.33E-04	3.06E-04	2.64E-04	4.62E-04	4.25E-04	9.37E-04	1.64E-03	1.51E-03
2258	387402.74, 3751284.85	3.855	6.738	6.189	1.88E-04	3.28E-04	3.01E-04	2.61E-04	4.56E-04	4.19E-04	9.24E-04	1.62E-03	1.48E-03
2259	387402.74, 3751309.85	3.789	6.621	6.076	1.84E-04	3.22E-04	2.96E-04	2.56E-04	4.48E-04	4.11E-04	9.08E-04	1.59E-03	1.46E-03
2260	387402.74, 3751334.85	3.733	6.521	5.987	1.82E-04	3.17E-04	2.92E-04	2.52E-04	4.41E-04	4.05E-04	8.95E-04	1.56E-03	1.44E-03
2261	387402.74, 3751359.85	3.68	6.428	5.896	1.79E-04	3.13E-04	2.87E-04	2.49E-04	4.35E-04	3.99E-04	8.82E-04	1.54E-03	1.41E-03
2262	387402.74, 3751384.85	3.622	6.325	5.779	1.76E-04	3.08E-04	2.81E-04	2.45E-04	4.28E-04	3.91E-04	8.68E-04	1.52E-03	1.39E-03
2263	387402.74, 3751409.85	3.571	6.232	5.676	1.74E-04	3.03E-04	2.76E-04	2.42E-04	4.22E-04	3.84E-04	8.56E-04	1.49E-03	1.36E-03
2264	387402.74, 3751434.85	3.513	6.123	5.574	1.71E-04	2.98E-04	2.71E-04	2.38E-04	4.14E-04	3.77E-04	8.42E-04	1.47E-03	1.34E-03
2265	387402.74, 3751459.85	3.455	6.011	5.483	1.68E-04	2.93E-04	2.67E-04	2.34E-04	4.07E-04	3.71E-04	8.28E-04	1.44E-03	1.31E-03
2266	387402.74, 3751484.85	3.396	5.9	5.386	1.65E-04	2.87E-04	2.62E-04	2.30E-04	3.99E-04	3.64E-04	8.14E-04	1.41E-03	1.29E-03
2267	387402.74, 3751509.85	3.337	5.789	5.284	1.62E-04	2.82E-04	2.57E-04	2.26E-04	3.92E-04	3.57E-04	8.00E-04	1.39E-03	1.27E-03
2268	387402.74, 3751534.85	3.281	5.686	5.172	1.60E-04	2.77E-04	2.52E-04	2.22E-04	3.85E-04	3.50E-04	7.86E-04	1.36E-03	1.24E-03
2269	387402.74, 3751559.85	3.223	5.578	5.056	1.57E-04	2.72E-04	2.46E-04	2.18E-04	3.77E-04	3.42E-04	7.73E-04	1.34E-03	1.21E-03
2270	387402.74, 3751584.85	3.165	5.466	4.95	1.54E-04	2.66E-04	2.41E-04	2.14E-04	3.70E-04	3.35E-04	7.59E-04	1.31E-03	1.19E-03
2271	387402.74, 3751609.85	3.1	5.346	4.826	1.51E-04	2.60E-04	2.35E-04	2.10E-04	3.62E-04	3.26E-04	7.43E-04	1.28E-03	1.16E-03
2272	387427.74, 3749409.85	22.88	43.24	39.17	1.11E-03	2.11E-03	1.91E-03	1.55E-03	2.93E-03	2.65E-03	5.48E-03	1.04E-02	9.39E-03
2273	387427.74, 3749434.85	20.48	37.78	34.6	9.97E-04	1.84E-03	1.68E-03	1.39E-03	2.56E-03	2.34E-03	4.91E-03	9.06E-03	8.29E-03
2274	387427.74, 3749459.85	19.11	34.93	32.38	9.31E-04	1.70E-03	1.58E-03	1.29E-03	2.36E-03	2.19E-03	4.58E-03	8.37E-03	7.76E-03
2275	387427.74, 3749484.85	17.72	32.08	29.5	8.63E-04	1.56E-03	1.44E-03	1.20E-03	2.17E-03	2.00E-03	4.25E-03	7.69E-03	7.07E-03
2276	387427.74, 3749509.85	16.3	29.16	27.01	7.94E-04	1.42E-03	1.31E-03	1.10E-03	1.97E-03	1.83E-03	3.91E-03	6.99E-03	6.47E-03
2277	387427.74, 3749534.85	15.43	27.52	25.6	7.51E-04	1.34E-03	1.25E-03	1.04E-03	1.86E-03	1.73E-03	3.70E-03	6.60E-03	6.14E-03
2278	387427.74, 3749559.85	14.67	25.84	23.97	7.14E-04	1.26E-03	1.17E-03	9.92E-04	1.75E-03	1.62E-03	3.52E-03	6.19E-03	5.74E-03
2279	387427.74, 3749584.85	13.88	24.29	22.83	6.76E-04	1.18E-03	1.11E-03	9.39E-04	1.64E-03	1.54E-03	3.33E-03	5.82E-03	5.47E-03
2280	387427.74, 3749609.85	13.3	23.26	21.76	6.48E-04	1.13E-03	1.06E-03	9.00E-04	1.57E-03	1.47E-03	3.19E-03	5.58E-03	5.21E-03
2281	387427.74, 3749634.85	12.61	21.83	20.4	6.14E-04	1.06E-03	9.93E-04	8.53E-04	1.48E-03	1.38E-03	3.02E-03	5.23E-03	4.89E-03
2282	387427.74, 3749659.85	12.13	20.93	19.6	5.91E-04	1.02E-03	9.54E-04	8.20E-04	1.42E-03	1.33E-03	2.91E-03	5.02E-03	4.70E-03
2283	387427.74, 3749684.85	11.54	20.05	18.86	5.62E-04	9.76E-04	9.18E-04	7.81E-04	1.36E-03	1.28E-03	2.77E-03	4.80E-03	4.52E-03
2284	387427.74, 3749709.85	11.02	19.07	17.88	5.36E-04	9.28E-04	8.71E-04	7.45E-04	1.29E-03	1.21E-03	2.64E-03	4.57E-03	4.29E-03
2285	387427.74, 3749734.85	10.6	18.3	17.15	5.16E-04	8.91E-04	8.35E-04	7.17E-04	1.24E-03	1.16E-03	2.54E-03	4.39E-03	4.11E-03
2286	387427.74, 3749759.85	10.19	17.62	16.53	4.96E-04	8.58E-04	8.05E-04	6.89E-04	1.19E-03	1.12E-03	2.44E-03	4.22E-03	3.96E-03
2287	387427.74, 3749784.85	9.856	16.97	15.92	4.80E-04	8.26E-04	7.75E-04	6.67E-04	1.15E-03	1.08E-03	2.36E-03	4.07E-03	3.82E-03
2288	387427.74, 3749809.85	9.576	16.52	15.55	4.66E-04	8.05E-04	7.57E-04	6.48E-04	1.12E-03	1.05E-03	2.30E-03	3.96E-03	3.73E-03
2289	387427.74, 3749834.85	9.233	15.91	14.94	4.50E-04	7.75E-04	7.28E-04	6.25E-04	1.08E-03	1.01E-03	2.21E-03	3.81E-03	3.58E-03
2290	387427.74, 3749859.85	9.014	15.47	14.54	4.39E-04	7.53E-04	7.08E-04	6.10E-04	1.05E-03	9.84E-04	2.16E-03	3.71E-03	3.48E-03
2291	387427.74, 3749884.85	8.853	15.13	14.29	4.31E-04	7.37E-04	6.96E-04	5.99E-04	1.02E-03	9.66E-04	2.12E-03	3.63E-03	3.42E-03

2292	387427.74, 3749909.85	8.583	14.7	13.82	4.18E-04	7.16E-04	6.73E-04	5.81E-04	9.95E-04	9.35E-04	2.06E-03	3.52E-03	3.31E-03
2293	387427.74, 3749934.85	8.276	14.23	13.41	4.03E-04	6.93E-04	6.53E-04	5.60E-04	9.62E-04	9.07E-04	1.98E-03	3.41E-03	3.21E-03
2294	387427.74, 3749959.85	8.203	14.07	13.31	3.99E-04	6.85E-04	6.48E-04	5.55E-04	9.51E-04	9.01E-04	1.97E-03	3.37E-03	3.19E-03
2295	387427.74, 3749984.85	8.057	13.8	12.96	3.92E-04	6.72E-04	6.31E-04	5.45E-04	9.34E-04	8.76E-04	1.93E-03	3.31E-03	3.11E-03
2296	387427.74, 3750009.85	7.855	13.44	12.58	3.82E-04	6.54E-04	6.12E-04	5.31E-04	9.09E-04	8.51E-04	1.88E-03	3.22E-03	3.01E-03
2297	387427.74, 3750034.85	7.639	13.1	12.28	3.72E-04	6.38E-04	5.98E-04	5.17E-04	8.86E-04	8.31E-04	1.83E-03	3.14E-03	2.94E-03
2298	387427.74, 3750059.85	7.503	12.83	12.13	3.65E-04	6.25E-04	5.91E-04	5.08E-04	8.68E-04	8.20E-04	1.80E-03	3.07E-03	2.91E-03
2299	387427.74, 3750084.85	7.325	12.61	11.95	3.57E-04	6.14E-04	5.82E-04	4.96E-04	8.53E-04	8.08E-04	1.76E-03	3.02E-03	2.86E-03
2300	387427.74, 3750109.85	7.232	12.44	11.68	3.52E-04	6.06E-04	5.69E-04	4.89E-04	8.41E-04	7.90E-04	1.73E-03	2.98E-03	2.80E-03
2301	387427.74, 3750134.85	7.097	12.21	11.43	3.46E-04	5.94E-04	5.57E-04	4.80E-04	8.26E-04	7.74E-04	1.70E-03	2.93E-03	2.74E-03
2302	387427.74, 3750159.85	6.955	11.95	11.2	3.39E-04	5.82E-04	5.45E-04	4.70E-04	8.08E-04	7.58E-04	1.67E-03	2.86E-03	2.69E-03
2303	387427.74, 3750184.85	6.806	11.68	10.97	3.31E-04	5.69E-04	5.34E-04	4.60E-04	7.90E-04	7.42E-04	1.63E-03	2.80E-03	2.63E-03
2304	387427.74, 3750209.85	6.642	11.42	10.73	3.23E-04	5.56E-04	5.22E-04	4.49E-04	7.73E-04	7.26E-04	1.59E-03	2.74E-03	2.57E-03
2305	387427.74, 3750234.85	6.499	11.2	10.51	3.16E-04	5.45E-04	5.12E-04	4.40E-04	7.58E-04	7.11E-04	1.56E-03	2.68E-03	2.52E-03
2306	387427.74, 3750259.85	6.38	10.99	10.3	3.11E-04	5.35E-04	5.01E-04	4.32E-04	7.44E-04	6.96E-04	1.53E-03	2.63E-03	2.47E-03
2307	387427.74, 3750284.85	6.255	10.79	10.13	3.05E-04	5.26E-04	4.93E-04	4.23E-04	7.30E-04	6.85E-04	1.50E-03	2.59E-03	2.43E-03
2308	387427.74, 3750309.85	6.155	10.63	10	3.00E-04	5.18E-04	4.87E-04	4.16E-04	7.19E-04	6.77E-04	1.48E-03	2.55E-03	2.40E-03
2309	387427.74, 3750334.85	6.052	10.48	9.846	2.95E-04	5.10E-04	4.79E-04	4.09E-04	7.09E-04	6.66E-04	1.45E-03	2.51E-03	2.36E-03
2310	387427.74, 3750359.85	5.962	10.33	9.687	2.90E-04	5.03E-04	4.72E-04	4.03E-04	6.99E-04	6.55E-04	1.43E-03	2.48E-03	2.32E-03
2311	387427.74, 3750384.85	5.849	10.14	9.506	2.85E-04	4.94E-04	4.63E-04	3.96E-04	6.86E-04	6.43E-04	1.40E-03	2.43E-03	2.28E-03
2312	387427.74, 3750409.85	5.749	9.973	9.364	2.80E-04	4.86E-04	4.56E-04	3.89E-04	6.75E-04	6.33E-04	1.38E-03	2.39E-03	2.24E-03
2313	387427.74, 3750434.85	5.659	9.832	9.23	2.76E-04	4.79E-04	4.49E-04	3.83E-04	6.65E-04	6.24E-04	1.36E-03	2.36E-03	2.21E-03
2314	387427.74, 3750459.85	5.582	9.694	9.107	2.72E-04	4.72E-04	4.43E-04	3.78E-04	6.56E-04	6.16E-04	1.34E-03	2.32E-03	2.18E-03
2315	387427.74, 3750484.85	5.498	9.556	8.973	2.68E-04	4.65E-04	4.37E-04	3.72E-04	6.46E-04	6.07E-04	1.32E-03	2.29E-03	2.15E-03
2316	387427.74, 3750509.85	5.42	9.435	8.827	2.64E-04	4.59E-04	4.30E-04	3.67E-04	6.38E-04	5.97E-04	1.30E-03	2.26E-03	2.12E-03
2317	387427.74, 3750534.85	5.334	9.287	8.695	2.60E-04	4.52E-04	4.23E-04	3.61E-04	6.28E-04	5.88E-04	1.28E-03	2.23E-03	2.08E-03
2318	387427.74, 3750559.85	5.268	9.17	8.567	2.56E-04	4.46E-04	4.17E-04	3.56E-04	6.20E-04	5.80E-04	1.26E-03	2.20E-03	2.05E-03
2319	387427.74, 3750584.85	5.167	8.999	8.431	2.52E-04	4.38E-04	4.10E-04	3.50E-04	6.09E-04	5.70E-04	1.24E-03	2.16E-03	2.02E-03
2320	387427.74, 3750609.85	5.088	8.854	8.284	2.48E-04	4.31E-04	4.03E-04	3.44E-04	5.99E-04	5.60E-04	1.22E-03	2.12E-03	1.99E-03
2321	387427.74, 3750634.85	5.018	8.738	8.169	2.44E-04	4.25E-04	3.98E-04	3.39E-04	5.91E-04	5.53E-04	1.20E-03	2.09E-03	1.96E-03
2322	387427.74, 3750659.85	4.934	8.596	8.053	2.40E-04	4.19E-04	3.92E-04	3.34E-04	5.81E-04	5.45E-04	1.18E-03	2.06E-03	1.93E-03
2323	387427.74, 3750684.85	4.864	8.485	7.952	2.37E-04	4.13E-04	3.87E-04	3.29E-04	5.74E-04	5.38E-04	1.17E-03	2.03E-03	1.91E-03
2324	387427.74, 3750709.85	4.806	8.389	7.826	2.34E-04	4.08E-04	3.81E-04	3.25E-04	5.67E-04	5.29E-04	1.15E-03	2.01E-03	1.88E-03
2325	387427.74, 3750734.85	4.732	8.265	7.718	2.30E-04	4.02E-04	3.76E-04	3.20E-04	5.59E-04	5.22E-04	1.13E-03	1.98E-03	1.85E-03
2326	387427.74, 3750759.85	4.673	8.17	7.642	2.28E-04	3.98E-04	3.72E-04	3.16E-04	5.53E-04	5.17E-04	1.12E-03	1.96E-03	1.83E-03
2327	387427.74, 3750784.85	4.617	8.067	7.528	2.25E-04	3.93E-04	3.67E-04	3.12E-04	5.46E-04	5.09E-04	1.11E-03	1.93E-03	1.80E-03
2328	387427.74, 3750809.85	4.548	7.952	7.406	2.21E-04	3.87E-04	3.61E-04	3.08E-04	5.38E-04	5.01E-04	1.09E-03	1.91E-03	1.78E-03
2329	387427.74, 3750834.85	4.486	7.845	7.297	2.18E-04	3.82E-04	3.55E-04	3.03E-04	5.31E-04	4.94E-04	1.08E-03	1.88E-03	1.75E-03
2330	387427.74, 3750859.85	4.413	7.728	7.178	2.15E-04	3.76E-04	3.49E-04	2.99E-04	5.23E-04	4.86E-04	1.06E-03	1.85E-03	1.72E-03
2331	387427.74, 3750884.85	4.35	7.617	7.071	2.12E-04	3.71E-04	3.44E-04	2.94E-04	5.15E-04	4.78E-04	1.04E-03	1.83E-03	1.69E-03
2332	387427.74, 3750909.85	4.269	7.484	6.976	2.08E-04	3.64E-04	3.40E-04	2.89E-04	5.06E-04	4.72E-04	1.02E-03	1.79E-03	1.67E-03

2333	387427.74, 3750934.85	4.21	7.377	6.866	2.05E-04	3.59E-04	3.34E-04	2.85E-04	4.99E-04	4.64E-04	1.01E-03	1.77E-03	1.65E-03
2334	387427.74, 3750959.85	4.148	7.284	6.765	2.02E-04	3.55E-04	3.29E-04	2.81E-04	4.93E-04	4.58E-04	9.94E-04	1.75E-03	1.62E-03
2335	387427.74, 3750984.85	4.125	7.243	6.72	2.01E-04	3.53E-04	3.27E-04	2.79E-04	4.90E-04	4.55E-04	9.89E-04	1.74E-03	1.61E-03
2336	387427.74, 3751009.85	4.062	7.144	6.607	1.98E-04	3.48E-04	3.22E-04	2.75E-04	4.83E-04	4.47E-04	9.74E-04	1.71E-03	1.58E-03
2337	387427.74, 3751034.85	4.018	7.057	6.526	1.96E-04	3.44E-04	3.18E-04	2.72E-04	4.77E-04	4.41E-04	9.63E-04	1.69E-03	1.56E-03
2338	387427.74, 3751059.85	3.961	6.952	6.44	1.93E-04	3.38E-04	3.14E-04	2.68E-04	4.70E-04	4.36E-04	9.49E-04	1.67E-03	1.54E-03
2339	387427.74, 3751084.85	3.905	6.853	6.351	1.90E-04	3.34E-04	3.09E-04	2.64E-04	4.64E-04	4.30E-04	9.36E-04	1.64E-03	1.52E-03
2340	387427.74, 3751109.85	3.858	6.778	6.267	1.88E-04	3.30E-04	3.05E-04	2.61E-04	4.58E-04	4.24E-04	9.25E-04	1.62E-03	1.50E-03
2341	387427.74, 3751134.85	3.814	6.696	6.177	1.86E-04	3.26E-04	3.01E-04	2.58E-04	4.53E-04	4.18E-04	9.14E-04	1.60E-03	1.48E-03
2342	387427.74, 3751159.85	3.761	6.602	6.083	1.83E-04	3.21E-04	2.96E-04	2.54E-04	4.47E-04	4.11E-04	9.01E-04	1.58E-03	1.46E-03
2343	387427.74, 3751184.85	3.709	6.507	5.988	1.81E-04	3.17E-04	2.92E-04	2.51E-04	4.40E-04	4.05E-04	8.89E-04	1.56E-03	1.44E-03
2344	387427.74, 3751209.85	3.66	6.42	5.897	1.78E-04	3.13E-04	2.87E-04	2.48E-04	4.34E-04	3.99E-04	8.77E-04	1.54E-03	1.41E-03
2345	387427.74, 3751234.85	3.612	6.337	5.808	1.76E-04	3.09E-04	2.83E-04	2.44E-04	4.29E-04	3.93E-04	8.66E-04	1.52E-03	1.39E-03
2346	387427.74, 3751259.85	3.562	6.25	5.728	1.73E-04	3.04E-04	2.79E-04	2.41E-04	4.23E-04	3.87E-04	8.54E-04	1.50E-03	1.37E-03
2347	387427.74, 3751284.85	3.515	6.167	5.651	1.71E-04	3.00E-04	2.75E-04	2.38E-04	4.17E-04	3.82E-04	8.42E-04	1.48E-03	1.35E-03
2348	387427.74, 3751309.85	3.462	6.065	5.549	1.69E-04	2.95E-04	2.70E-04	2.34E-04	4.10E-04	3.75E-04	8.30E-04	1.45E-03	1.33E-03
2349	387427.74, 3751334.85	3.411	5.972	5.463	1.66E-04	2.91E-04	2.66E-04	2.31E-04	4.04E-04	3.70E-04	8.18E-04	1.43E-03	1.31E-03
2350	387427.74, 3751359.85	3.359	5.88	5.368	1.64E-04	2.86E-04	2.61E-04	2.27E-04	3.98E-04	3.63E-04	8.05E-04	1.41E-03	1.29E-03
2351	387427.74, 3751384.85	3.31	5.793	5.272	1.61E-04	2.82E-04	2.57E-04	2.24E-04	3.92E-04	3.57E-04	7.93E-04	1.39E-03	1.26E-03
2352	387427.74, 3751409.85	3.263	5.707	5.183	1.59E-04	2.78E-04	2.52E-04	2.21E-04	3.86E-04	3.51E-04	7.82E-04	1.37E-03	1.24E-03
2353	387452.74, 3749184.85	25.38	47.61	43.24	1.24E-03	2.32E-03	2.11E-03	1.72E-03	3.22E-03	2.93E-03	6.08E-03	1.14E-02	1.04E-02
2354	387452.74, 3749209.85	23.03	42.36	38.87	1.12E-03	2.06E-03	1.89E-03	1.56E-03	2.87E-03	2.63E-03	5.52E-03	1.02E-02	9.32E-03
2355	387452.74, 3749234.85	21.09	38.17	35.53	1.03E-03	1.86E-03	1.73E-03	1.43E-03	2.58E-03	2.40E-03	5.06E-03	9.15E-03	8.52E-03
2356	387452.74, 3749259.85	19.69	34.99	32.85	9.59E-04	1.70E-03	1.60E-03	1.33E-03	2.37E-03	2.22E-03	4.72E-03	8.39E-03	7.87E-03
2357	387452.74, 3749284.85	18.31	32.15	30.28	8.91E-04	1.57E-03	1.47E-03	1.24E-03	2.18E-03	2.05E-03	4.39E-03	7.71E-03	7.26E-03
2358	387452.74, 3749309.85	17.03	29.74	28.01	8.29E-04	1.45E-03	1.36E-03	1.15E-03	2.01E-03	1.89E-03	4.08E-03	7.13E-03	6.71E-03
2359	387452.74, 3749334.85	15.92	27.64	26.06	7.75E-04	1.35E-03	1.27E-03	1.08E-03	1.87E-03	1.76E-03	3.82E-03	6.63E-03	6.25E-03
2360	387452.74, 3749359.85	14.86	25.77	24.22	7.23E-04	1.25E-03	1.18E-03	1.00E-03	1.74E-03	1.64E-03	3.56E-03	6.18E-03	5.81E-03
2361	387452.74, 3749384.85	14	24.03	22.71	6.82E-04	1.17E-03	1.11E-03	9.47E-04	1.63E-03	1.54E-03	3.36E-03	5.76E-03	5.44E-03
2362	387452.74, 3749409.85	13.58	23.14	21.91	6.61E-04	1.13E-03	1.07E-03	9.19E-04	1.57E-03	1.48E-03	3.26E-03	5.55E-03	5.25E-03
2363	387452.74, 3749434.85	12.89	21.9	20.81	6.28E-04	1.07E-03	1.01E-03	8.72E-04	1.48E-03	1.41E-03	3.09E-03	5.25E-03	4.99E-03
2364	387452.74, 3749459.85	12.4	20.89	19.86	6.04E-04	1.02E-03	9.67E-04	8.39E-04	1.41E-03	1.34E-03	2.97E-03	5.01E-03	4.76E-03
2365	387452.74, 3749484.85	11.89	20.09	19.19	5.79E-04	9.78E-04	9.35E-04	8.04E-04	1.36E-03	1.30E-03	2.85E-03	4.82E-03	4.60E-03
2366	387452.74, 3749509.85	11.47	19.32	18.34	5.58E-04	9.41E-04	8.93E-04	7.76E-04	1.31E-03	1.24E-03	2.75E-03	4.63E-03	4.40E-03
2367	387452.74, 3749534.85	10.93	18.4	17.55	5.32E-04	8.96E-04	8.54E-04	7.40E-04	1.24E-03	1.19E-03	2.62E-03	4.41E-03	4.21E-03
2368	387452.74, 3749559.85	10.53	17.79	17	5.13E-04	8.66E-04	8.28E-04	7.12E-04	1.20E-03	1.15E-03	2.52E-03	4.26E-03	4.07E-03
2369	387452.74, 3749584.85	10.17	17.18	16.3	4.95E-04	8.37E-04	7.93E-04	6.88E-04	1.16E-03	1.10E-03	2.44E-03	4.12E-03	3.91E-03
2370	387452.74, 3749609.85	9.793	16.55	15.83	4.77E-04	8.06E-04	7.71E-04	6.62E-04	1.12E-03	1.07E-03	2.35E-03	3.97E-03	3.80E-03
2371	387452.74, 3749634.85	9.522	16.17	15.35	4.64E-04	7.87E-04	7.47E-04	6.44E-04	1.09E-03	1.04E-03	2.28E-03	3.88E-03	3.68E-03
2372	387452.74, 3749659.85	9.254	15.67	14.9	4.51E-04	7.63E-04	7.25E-04	6.26E-04	1.06E-03	1.01E-03	2.22E-03	3.76E-03	3.57E-03
2373	387452.74, 3749684.85	8.92	15.16	14.49	4.34E-04	7.38E-04	7.05E-04	6.03E-04	1.03E-03	9.80E-04	2.14E-03	3.63E-03	3.47E-03

2374	387452.74, 3749709.85	8.677	14.8	14.03	4.22E-04	7.21E-04	6.83E-04	5.87E-04	1.00E-03	9.49E-04	2.08E-03	3.55E-03	3.36E-03
2375	387452.74, 3749734.85	8.428	14.34	13.6	4.10E-04	6.98E-04	6.62E-04	5.70E-04	9.70E-04	9.20E-04	2.02E-03	3.44E-03	3.26E-03
2376	387452.74, 3749759.85	8.181	13.95	13.21	3.98E-04	6.79E-04	6.43E-04	5.53E-04	9.44E-04	8.94E-04	1.96E-03	3.34E-03	3.17E-03
2377	387452.74, 3749784.85	7.959	13.58	12.82	3.88E-04	6.61E-04	6.24E-04	5.38E-04	9.19E-04	8.67E-04	1.91E-03	3.26E-03	3.07E-03
2378	387452.74, 3749809.85	7.762	13.25	12.55	3.78E-04	6.45E-04	6.11E-04	5.25E-04	8.96E-04	8.49E-04	1.86E-03	3.18E-03	3.01E-03
2379	387452.74, 3749834.85	7.574	12.97	12.25	3.69E-04	6.31E-04	5.96E-04	5.12E-04	8.77E-04	8.28E-04	1.82E-03	3.11E-03	2.94E-03
2380	387452.74, 3749859.85	7.423	12.71	11.98	3.61E-04	6.19E-04	5.83E-04	5.02E-04	8.60E-04	8.11E-04	1.78E-03	3.05E-03	2.87E-03
2381	387452.74, 3749884.85	7.288	12.48	11.76	3.55E-04	6.07E-04	5.73E-04	4.93E-04	8.44E-04	7.96E-04	1.75E-03	2.99E-03	2.82E-03
2382	387452.74, 3749909.85	7.119	12.21	11.49	3.47E-04	5.94E-04	5.59E-04	4.82E-04	8.26E-04	7.77E-04	1.71E-03	2.93E-03	2.75E-03
2383	387452.74, 3749934.85	6.875	11.82	11.17	3.35E-04	5.76E-04	5.44E-04	4.65E-04	8.00E-04	7.56E-04	1.65E-03	2.83E-03	2.68E-03
2384	387452.74, 3749959.85	6.817	11.72	11.07	3.32E-04	5.70E-04	5.39E-04	4.61E-04	7.93E-04	7.49E-04	1.63E-03	2.81E-03	2.65E-03
2385	387452.74, 3749984.85	6.73	11.57	10.86	3.28E-04	5.63E-04	5.29E-04	4.55E-04	7.83E-04	7.34E-04	1.61E-03	2.77E-03	2.60E-03
2386	387452.74, 3750009.85	6.53	11.26	10.6	3.18E-04	5.48E-04	5.16E-04	4.42E-04	7.62E-04	7.17E-04	1.57E-03	2.70E-03	2.54E-03
2387	387452.74, 3750034.85	6.462	11.12	10.41	3.15E-04	5.41E-04	5.07E-04	4.37E-04	7.52E-04	7.04E-04	1.55E-03	2.66E-03	2.50E-03
2388	387452.74, 3750059.85	6.35	10.92	10.31	3.09E-04	5.32E-04	5.02E-04	4.30E-04	7.39E-04	6.97E-04	1.52E-03	2.62E-03	2.47E-03
2389	387452.74, 3750084.85	6.224	10.75	10.17	3.03E-04	5.23E-04	4.95E-04	4.21E-04	7.27E-04	6.88E-04	1.49E-03	2.58E-03	2.44E-03
2390	387452.74, 3750109.85	6.149	10.64	10	2.99E-04	5.18E-04	4.87E-04	4.16E-04	7.20E-04	6.77E-04	1.47E-03	2.55E-03	2.40E-03
2391	387452.74, 3750134.85	6.045	10.45	9.796	2.94E-04	5.09E-04	4.77E-04	4.09E-04	7.07E-04	6.63E-04	1.45E-03	2.50E-03	2.35E-03
2392	387452.74, 3750159.85	5.96	10.28	9.623	2.90E-04	5.01E-04	4.69E-04	4.03E-04	6.95E-04	6.51E-04	1.43E-03	2.46E-03	2.31E-03
2393	387452.74, 3750184.85	5.843	10.07	9.448	2.84E-04	4.90E-04	4.60E-04	3.95E-04	6.81E-04	6.39E-04	1.40E-03	2.41E-03	2.26E-03
2394	387452.74, 3750209.85	5.728	9.899	9.302	2.79E-04	4.82E-04	4.53E-04	3.87E-04	6.70E-04	6.29E-04	1.37E-03	2.37E-03	2.23E-03
2395	387452.74, 3750234.85	5.616	9.742	9.163	2.73E-04	4.74E-04	4.46E-04	3.80E-04	6.59E-04	6.20E-04	1.35E-03	2.33E-03	2.20E-03
2396	387452.74, 3750259.85	5.53	9.598	9.019	2.69E-04	4.67E-04	4.39E-04	3.74E-04	6.49E-04	6.10E-04	1.33E-03	2.30E-03	2.16E-03
2397	387452.74, 3750284.85	5.443	9.453	8.877	2.65E-04	4.60E-04	4.32E-04	3.68E-04	6.39E-04	6.01E-04	1.30E-03	2.27E-03	2.13E-03
2398	387452.74, 3750309.85	5.352	9.297	8.722	2.61E-04	4.53E-04	4.25E-04	3.62E-04	6.29E-04	5.90E-04	1.28E-03	2.23E-03	2.09E-03
2399	387452.74, 3750334.85	5.262	9.167	8.598	2.56E-04	4.46E-04	4.19E-04	3.56E-04	6.20E-04	5.82E-04	1.26E-03	2.20E-03	2.06E-03
2400	387452.74, 3750359.85	5.199	9.062	8.486	2.53E-04	4.41E-04	4.13E-04	3.52E-04	6.13E-04	5.74E-04	1.25E-03	2.17E-03	2.03E-03
2401	387452.74, 3750384.85	5.118	8.923	8.356	2.49E-04	4.34E-04	4.07E-04	3.46E-04	6.04E-04	5.65E-04	1.23E-03	2.14E-03	2.00E-03
2402	387452.74, 3750409.85	5.043	8.801	8.253	2.46E-04	4.29E-04	4.02E-04	3.41E-04	5.95E-04	5.58E-04	1.21E-03	2.11E-03	1.98E-03
2403	387452.74, 3750434.85	4.978	8.699	8.157	2.42E-04	4.24E-04	3.97E-04	3.37E-04	5.88E-04	5.52E-04	1.19E-03	2.08E-03	1.96E-03
2404	387452.74, 3750459.85	4.929	8.604	8.064	2.40E-04	4.19E-04	3.93E-04	3.33E-04	5.82E-04	5.46E-04	1.18E-03	2.06E-03	1.93E-03
2405	387452.74, 3750484.85	4.858	8.48	7.935	2.37E-04	4.13E-04	3.86E-04	3.29E-04	5.74E-04	5.37E-04	1.16E-03	2.03E-03	1.90E-03
2406	387452.74, 3750509.85	4.794	8.392	7.844	2.33E-04	4.09E-04	3.82E-04	3.24E-04	5.68E-04	5.31E-04	1.15E-03	2.01E-03	1.88E-03
2407	387452.74, 3750534.85	4.743	8.298	7.752	2.31E-04	4.04E-04	3.77E-04	3.21E-04	5.61E-04	5.24E-04	1.14E-03	1.99E-03	1.86E-03
2408	387452.74, 3750559.85	4.677	8.176	7.62	2.28E-04	3.98E-04	3.71E-04	3.16E-04	5.53E-04	5.15E-04	1.12E-03	1.96E-03	1.83E-03
2409	387452.74, 3750584.85	4.617	8.078	7.544	2.25E-04	3.93E-04	3.67E-04	3.12E-04	5.46E-04	5.10E-04	1.11E-03	1.94E-03	1.81E-03
2410	387452.74, 3750609.85	4.537	7.928	7.39	2.21E-04	3.86E-04	3.60E-04	3.07E-04	5.36E-04	5.00E-04	1.09E-03	1.90E-03	1.77E-03
2411	387452.74, 3750634.85	4.486	7.85	7.334	2.18E-04	3.82E-04	3.57E-04	3.03E-04	5.31E-04	4.96E-04	1.08E-03	1.88E-03	1.76E-03
2412	387452.74, 3750659.85	4.436	7.761	7.257	2.16E-04	3.78E-04	3.53E-04	3.00E-04	5.25E-04	4.91E-04	1.06E-03	1.86E-03	1.74E-03
2413	387452.74, 3750684.85	4.356	7.633	7.137	2.12E-04	3.72E-04	3.48E-04	2.95E-04	5.16E-04	4.83E-04	1.04E-03	1.83E-03	1.71E-03
2414	387452.74, 3750709.85	4.303	7.55	7.045	2.09E-04	3.68E-04	3.43E-04	2.91E-04	5.11E-04	4.77E-04	1.03E-03	1.81E-03	1.69E-03

2415	387452.74, 3750734.85	4.251	7.46	6.95	2.07E-04	3.63E-04	3.38E-04	2.88E-04	5.05E-04	4.70E-04	1.02E-03	1.79E-03	1.67E-03
2416	387452.74, 3750759.85	4.205	7.383	6.889	2.05E-04	3.59E-04	3.35E-04	2.84E-04	4.99E-04	4.66E-04	1.01E-03	1.77E-03	1.65E-03
2417	387452.74, 3750784.85	4.145	7.279	6.79	2.02E-04	3.54E-04	3.31E-04	2.80E-04	4.92E-04	4.59E-04	9.94E-04	1.74E-03	1.63E-03
2418	387452.74, 3750809.85	4.109	7.214	6.703	2.00E-04	3.51E-04	3.26E-04	2.78E-04	4.88E-04	4.53E-04	9.85E-04	1.73E-03	1.61E-03
2419	387452.74, 3750834.85	4.05	7.113	6.607	1.97E-04	3.46E-04	3.22E-04	2.74E-04	4.81E-04	4.47E-04	9.71E-04	1.70E-03	1.58E-03
2420	387452.74, 3750859.85	3.996	7.024	6.511	1.95E-04	3.42E-04	3.17E-04	2.70E-04	4.75E-04	4.40E-04	9.58E-04	1.68E-03	1.56E-03
2421	387452.74, 3750884.85	3.942	6.93	6.421	1.92E-04	3.37E-04	3.13E-04	2.67E-04	4.69E-04	4.34E-04	9.45E-04	1.66E-03	1.54E-03
2422	387452.74, 3750909.85	3.884	6.826	6.327	1.89E-04	3.32E-04	3.08E-04	2.63E-04	4.62E-04	4.28E-04	9.31E-04	1.64E-03	1.52E-03
2423	387452.74, 3750934.85	3.828	6.731	6.245	1.86E-04	3.28E-04	3.04E-04	2.59E-04	4.55E-04	4.22E-04	9.18E-04	1.61E-03	1.50E-03
2424	387452.74, 3750959.85	3.783	6.66	6.179	1.84E-04	3.24E-04	3.01E-04	2.56E-04	4.51E-04	4.18E-04	9.07E-04	1.60E-03	1.48E-03
2425	387452.74, 3750984.85	3.738	6.592	6.1	1.82E-04	3.21E-04	2.97E-04	2.53E-04	4.46E-04	4.13E-04	8.96E-04	1.58E-03	1.46E-03
2426	387452.74, 3751009.85	3.699	6.526	6.03	1.80E-04	3.18E-04	2.94E-04	2.50E-04	4.41E-04	4.08E-04	8.87E-04	1.56E-03	1.45E-03
2427	387452.74, 3751034.85	3.655	6.448	5.954	1.78E-04	3.14E-04	2.90E-04	2.47E-04	4.36E-04	4.03E-04	8.76E-04	1.55E-03	1.43E-03
2428	387452.74, 3751059.85	3.612	6.36	5.875	1.76E-04	3.10E-04	2.86E-04	2.44E-04	4.30E-04	3.97E-04	8.66E-04	1.52E-03	1.41E-03
2429	387452.74, 3751084.85	3.57	6.288	5.81	1.74E-04	3.06E-04	2.83E-04	2.41E-04	4.25E-04	3.93E-04	8.56E-04	1.51E-03	1.39E-03
2430	387452.74, 3751109.85	3.526	6.209	5.724	1.72E-04	3.02E-04	2.79E-04	2.39E-04	4.20E-04	3.87E-04	8.45E-04	1.49E-03	1.37E-03
2431	387452.74, 3751134.85	3.484	6.136	5.645	1.70E-04	2.99E-04	2.75E-04	2.36E-04	4.15E-04	3.82E-04	8.35E-04	1.47E-03	1.35E-03
2432	387452.74, 3751159.85	3.441	6.061	5.565	1.68E-04	2.95E-04	2.71E-04	2.33E-04	4.10E-04	3.76E-04	8.25E-04	1.45E-03	1.33E-03
2433	387452.74, 3751184.85	3.403	5.993	5.497	1.66E-04	2.92E-04	2.68E-04	2.30E-04	4.05E-04	3.72E-04	8.16E-04	1.44E-03	1.32E-03
2434	387452.74, 3751209.85	3.356	5.907	5.409	1.63E-04	2.88E-04	2.63E-04	2.27E-04	4.00E-04	3.66E-04	8.04E-04	1.42E-03	1.30E-03
2435	387452.74, 3751234.85	3.313	5.829	5.326	1.61E-04	2.84E-04	2.59E-04	2.24E-04	3.94E-04	3.60E-04	7.94E-04	1.40E-03	1.28E-03
2436	387477.74, 3748984.85	23.05	42.36	38.73	1.12E-03	2.06E-03	1.89E-03	1.56E-03	2.87E-03	2.62E-03	5.52E-03	1.02E-02	9.28E-03
2437	387477.74, 3749009.85	21.57	38.62	35.53	1.05E-03	1.88E-03	1.73E-03	1.46E-03	2.61E-03	2.40E-03	5.17E-03	9.26E-03	8.52E-03
2438	387477.74, 3749034.85	20.21	35.42	33.12	9.84E-04	1.72E-03	1.61E-03	1.37E-03	2.40E-03	2.24E-03	4.84E-03	8.49E-03	7.94E-03
2439	387477.74, 3749059.85	18.94	32.68	30.94	9.22E-04	1.59E-03	1.51E-03	1.28E-03	2.21E-03	2.09E-03	4.54E-03	7.83E-03	7.42E-03
2440	387477.74, 3749084.85	17.75	30.31	28.86	8.64E-04	1.48E-03	1.41E-03	1.20E-03	2.05E-03	1.95E-03	4.25E-03	7.27E-03	6.92E-03
2441	387477.74, 3749109.85	16.75	28.31	26.93	8.15E-04	1.38E-03	1.31E-03	1.13E-03	1.91E-03	1.82E-03	4.01E-03	6.78E-03	6.46E-03
2442	387477.74, 3749134.85	15.84	26.58	25.32	7.71E-04	1.29E-03	1.23E-03	1.07E-03	1.80E-03	1.71E-03	3.80E-03	6.37E-03	6.07E-03
2443	387477.74, 3749159.85	15	25.03	23.82	7.30E-04	1.22E-03	1.16E-03	1.01E-03	1.69E-03	1.61E-03	3.59E-03	6.00E-03	5.71E-03
2444	387477.74, 3749184.85	14.27	23.7	22.52	6.95E-04	1.15E-03	1.10E-03	9.65E-04	1.60E-03	1.52E-03	3.42E-03	5.68E-03	5.40E-03
2445	387477.74, 3749209.85	13.62	22.51	21.43	6.63E-04	1.10E-03	1.04E-03	9.21E-04	1.52E-03	1.45E-03	3.26E-03	5.40E-03	5.14E-03
2446	387477.74, 3749234.85	13.02	21.48	20.48	6.34E-04	1.05E-03	9.97E-04	8.81E-04	1.45E-03	1.39E-03	3.12E-03	5.15E-03	4.91E-03
2447	387477.74, 3749259.85	12.45	20.57	19.61	6.06E-04	1.00E-03	9.55E-04	8.42E-04	1.39E-03	1.33E-03	2.98E-03	4.93E-03	4.70E-03
2448	387477.74, 3749284.85	11.9	19.71	18.79	5.80E-04	9.60E-04	9.15E-04	8.05E-04	1.33E-03	1.27E-03	2.85E-03	4.72E-03	4.50E-03
2449	387477.74, 3749309.85	11.4	18.93	18.06	5.55E-04	9.22E-04	8.79E-04	7.71E-04	1.28E-03	1.22E-03	2.73E-03	4.54E-03	4.33E-03
2450	387477.74, 3749334.85	10.98	18.26	17.43	5.34E-04	8.89E-04	8.49E-04	7.43E-04	1.24E-03	1.18E-03	2.63E-03	4.38E-03	4.18E-03
2451	387477.74, 3749359.85	10.59	17.65	16.85	5.16E-04	8.59E-04	8.20E-04	7.17E-04	1.19E-03	1.14E-03	2.54E-03	4.23E-03	4.04E-03
2452	387477.74, 3749384.85	10.26	17.11	16.27	4.99E-04	8.33E-04	7.92E-04	6.94E-04	1.16E-03	1.10E-03	2.46E-03	4.10E-03	3.90E-03
2453	387477.74, 3749409.85	9.908	16.53	15.78	4.82E-04	8.05E-04	7.68E-04	6.70E-04	1.12E-03	1.07E-03	2.37E-03	3.96E-03	3.78E-03
2454	387477.74, 3749434.85	9.586	16.06	15.3	4.67E-04	7.82E-04	7.45E-04	6.48E-04	1.09E-03	1.04E-03	2.30E-03	3.85E-03	3.67E-03
2455	387477.74, 3749459.85	9.304	15.59	14.84	4.53E-04	7.59E-04	7.22E-04	6.29E-04	1.05E-03	1.00E-03	2.23E-03	3.74E-03	3.56E-03

2456	387477.74, 3749484.85	9.045	15.15	14.47	4.40E-04	7.38E-04	7.04E-04	6.12E-04	1.02E-03	9.79E-04	2.17E-03	3.63E-03	3.47E-03
2457	387477.74, 3749509.85	8.839	14.84	14.08	4.30E-04	7.23E-04	6.85E-04	5.98E-04	1.00E-03	9.52E-04	2.12E-03	3.56E-03	3.37E-03
2458	387477.74, 3749534.85	8.525	14.32	13.6	4.15E-04	6.97E-04	6.62E-04	5.77E-04	9.69E-04	9.20E-04	2.04E-03	3.43E-03	3.26E-03
2459	387477.74, 3749559.85	8.257	13.92	13.25	4.02E-04	6.78E-04	6.45E-04	5.59E-04	9.42E-04	8.97E-04	1.98E-03	3.34E-03	3.18E-03
2460	387477.74, 3749584.85	8.061	13.62	12.91	3.92E-04	6.63E-04	6.28E-04	5.45E-04	9.21E-04	8.73E-04	1.93E-03	3.26E-03	3.09E-03
2461	387477.74, 3749609.85	7.814	13.23	12.6	3.80E-04	6.44E-04	6.13E-04	5.29E-04	8.95E-04	8.52E-04	1.87E-03	3.17E-03	3.02E-03
2462	387477.74, 3749634.85	7.648	13	12.35	3.72E-04	6.33E-04	6.01E-04	5.17E-04	8.79E-04	8.35E-04	1.83E-03	3.12E-03	2.96E-03
2463	387477.74, 3749659.85	7.503	12.75	12.11	3.65E-04	6.21E-04	5.90E-04	5.08E-04	8.62E-04	8.19E-04	1.80E-03	3.06E-03	2.90E-03
2464	387477.74, 3749684.85	7.286	12.41	11.82	3.55E-04	6.04E-04	5.76E-04	4.93E-04	8.39E-04	8.00E-04	1.75E-03	2.97E-03	2.83E-03
2465	387477.74, 3749709.85	7.135	12.19	11.56	3.47E-04	5.93E-04	5.63E-04	4.83E-04	8.25E-04	7.82E-04	1.71E-03	2.92E-03	2.77E-03
2466	387477.74, 3749734.85	6.974	11.91	11.29	3.40E-04	5.80E-04	5.50E-04	4.72E-04	8.06E-04	7.64E-04	1.67E-03	2.86E-03	2.71E-03
2467	387477.74, 3749759.85	6.828	11.67	11.05	3.32E-04	5.68E-04	5.38E-04	4.62E-04	7.90E-04	7.47E-04	1.64E-03	2.80E-03	2.65E-03
2468	387477.74, 3749784.85	6.69	11.44	10.8	3.26E-04	5.57E-04	5.26E-04	4.53E-04	7.74E-04	7.31E-04	1.60E-03	2.74E-03	2.59E-03
2469	387477.74, 3749809.85	6.534	11.19	10.59	3.18E-04	5.45E-04	5.16E-04	4.42E-04	7.57E-04	7.16E-04	1.57E-03	2.68E-03	2.54E-03
2470	387477.74, 3749834.85	6.41	11	10.4	3.12E-04	5.36E-04	5.06E-04	4.34E-04	7.44E-04	7.03E-04	1.54E-03	2.64E-03	2.49E-03
2471	387477.74, 3749859.85	6.294	10.82	10.2	3.06E-04	5.27E-04	4.96E-04	4.26E-04	7.32E-04	6.90E-04	1.51E-03	2.59E-03	2.44E-03
2472	387477.74, 3749884.85	6.202	10.66	10.04	3.02E-04	5.19E-04	4.89E-04	4.20E-04	7.21E-04	6.79E-04	1.49E-03	2.56E-03	2.41E-03
2473	387477.74, 3749909.85	6.063	10.45	9.83	2.95E-04	5.09E-04	4.79E-04	4.10E-04	7.07E-04	6.65E-04	1.45E-03	2.50E-03	2.36E-03
2474	387477.74, 3749934.85	5.897	10.18	9.665	2.87E-04	4.96E-04	4.71E-04	3.99E-04	6.89E-04	6.54E-04	1.41E-03	2.44E-03	2.32E-03
2475	387477.74, 3749959.85	5.774	10.01	9.554	2.81E-04	4.87E-04	4.65E-04	3.91E-04	6.77E-04	6.46E-04	1.38E-03	2.40E-03	2.29E-03
2476	387477.74, 3749984.85	5.743	9.947	9.369	2.80E-04	4.84E-04	4.56E-04	3.89E-04	6.73E-04	6.34E-04	1.38E-03	2.38E-03	2.25E-03
2477	387477.74, 3750009.85	5.684	9.842	9.212	2.77E-04	4.79E-04	4.48E-04	3.84E-04	6.66E-04	6.23E-04	1.36E-03	2.36E-03	2.21E-03
2478	387477.74, 3750034.85	5.617	9.697	9.072	2.73E-04	4.72E-04	4.42E-04	3.80E-04	6.56E-04	6.14E-04	1.35E-03	2.32E-03	2.17E-03
2479	387477.74, 3750059.85	5.506	9.518	8.962	2.68E-04	4.63E-04	4.36E-04	3.72E-04	6.44E-04	6.06E-04	1.32E-03	2.28E-03	2.15E-03
2480	387477.74, 3750084.85	5.419	9.379	8.831	2.64E-04	4.57E-04	4.30E-04	3.67E-04	6.34E-04	5.97E-04	1.30E-03	2.25E-03	2.12E-03
2481	387477.74, 3750109.85	5.351	9.29	8.718	2.61E-04	4.52E-04	4.24E-04	3.62E-04	6.28E-04	5.90E-04	1.28E-03	2.23E-03	2.09E-03
2482	387477.74, 3750134.85	5.286	9.182	8.603	2.57E-04	4.47E-04	4.19E-04	3.58E-04	6.21E-04	5.82E-04	1.27E-03	2.20E-03	2.06E-03
2483	387477.74, 3750159.85	5.206	9.039	8.483	2.53E-04	4.40E-04	4.13E-04	3.52E-04	6.11E-04	5.74E-04	1.25E-03	2.17E-03	2.03E-03
2484	387477.74, 3750184.85	5.124	8.893	8.356	2.49E-04	4.33E-04	4.07E-04	3.47E-04	6.02E-04	5.65E-04	1.23E-03	2.13E-03	2.00E-03
2485	387477.74, 3750209.85	5.028	8.749	8.242	2.45E-04	4.26E-04	4.01E-04	3.40E-04	5.92E-04	5.58E-04	1.21E-03	2.10E-03	1.98E-03
2486	387477.74, 3750234.85	4.95	8.626	8.125	2.41E-04	4.20E-04	3.96E-04	3.35E-04	5.83E-04	5.50E-04	1.19E-03	2.07E-03	1.95E-03
2487	387477.74, 3750259.85	4.885	8.519	8.007	2.38E-04	4.15E-04	3.90E-04	3.30E-04	5.76E-04	5.42E-04	1.17E-03	2.04E-03	1.92E-03
2488	387477.74, 3750284.85	4.818	8.408	7.894	2.35E-04	4.09E-04	3.84E-04	3.26E-04	5.69E-04	5.34E-04	1.15E-03	2.02E-03	1.89E-03
2489	387477.74, 3750309.85	4.742	8.28	7.752	2.31E-04	4.03E-04	3.77E-04	3.21E-04	5.60E-04	5.24E-04	1.14E-03	1.98E-03	1.86E-03
2490	387477.74, 3750334.85	4.672	8.179	7.657	2.27E-04	3.98E-04	3.73E-04	3.16E-04	5.53E-04	5.18E-04	1.12E-03	1.96E-03	1.84E-03
2491	387477.74, 3750359.85	4.62	8.093	7.569	2.25E-04	3.94E-04	3.69E-04	3.13E-04	5.47E-04	5.12E-04	1.11E-03	1.94E-03	1.81E-03
2492	387477.74, 3750384.85	4.569	8.004	7.481	2.22E-04	3.90E-04	3.64E-04	3.09E-04	5.41E-04	5.06E-04	1.10E-03	1.92E-03	1.79E-03
2493	387477.74, 3750409.85	4.514	7.922	7.412	2.20E-04	3.86E-04	3.61E-04	3.05E-04	5.36E-04	5.01E-04	1.08E-03	1.90E-03	1.78E-03
2494	387477.74, 3750434.85	4.46	7.821	7.311	2.17E-04	3.81E-04	3.56E-04	3.02E-04	5.29E-04	4.95E-04	1.07E-03	1.87E-03	1.75E-03
2495	387477.74, 3750459.85	4.416	7.739	7.228	2.15E-04	3.77E-04	3.52E-04	2.99E-04	5.23E-04	4.89E-04	1.06E-03	1.85E-03	1.73E-03
2496	387477.74, 3750484.85	4.358	7.638	7.13	2.12E-04	3.72E-04	3.47E-04	2.95E-04	5.17E-04	4.82E-04	1.04E-03	1.83E-03	1.71E-03

2497	387477.74, 3750509.85	4.307	7.571	7.063	2.10E-04	3.69E-04	3.44E-04	2.91E-04	5.12E-04	4.78E-04	1.03E-03	1.81E-03	1.69E-03
2498	387477.74, 3750534.85	4.27	7.503	6.997	2.08E-04	3.65E-04	3.41E-04	2.89E-04	5.08E-04	4.73E-04	1.02E-03	1.80E-03	1.68E-03
2499	387477.74, 3750559.85	4.213	7.398	6.88	2.05E-04	3.60E-04	3.35E-04	2.85E-04	5.00E-04	4.65E-04	1.01E-03	1.77E-03	1.65E-03
2500	387477.74, 3750584.85	4.157	7.3	6.794	2.02E-04	3.55E-04	3.31E-04	2.81E-04	4.94E-04	4.60E-04	9.96E-04	1.75E-03	1.63E-03
2501	387477.74, 3750609.85	4.112	7.229	6.748	2.00E-04	3.52E-04	3.29E-04	2.78E-04	4.89E-04	4.56E-04	9.86E-04	1.73E-03	1.62E-03
2502	387477.74, 3750634.85	4.051	7.121	6.625	1.97E-04	3.47E-04	3.23E-04	2.74E-04	4.82E-04	4.48E-04	9.71E-04	1.71E-03	1.59E-03
2503	387477.74, 3750659.85	4	7.028	6.555	1.95E-04	3.42E-04	3.19E-04	2.71E-04	4.75E-04	4.43E-04	9.59E-04	1.68E-03	1.57E-03
2504	387477.74, 3750684.85	3.944	6.943	6.478	1.92E-04	3.38E-04	3.15E-04	2.67E-04	4.70E-04	4.38E-04	9.45E-04	1.66E-03	1.55E-03
2505	387477.74, 3750709.85	3.926	6.916	6.433	1.91E-04	3.37E-04	3.13E-04	2.66E-04	4.68E-04	4.35E-04	9.41E-04	1.66E-03	1.54E-03
2506	387477.74, 3750734.85	3.859	6.801	6.383	1.88E-04	3.31E-04	3.11E-04	2.61E-04	4.60E-04	4.32E-04	9.25E-04	1.63E-03	1.53E-03
2507	387477.74, 3750759.85	3.816	6.725	6.305	1.86E-04	3.27E-04	3.07E-04	2.58E-04	4.55E-04	4.26E-04	9.15E-04	1.61E-03	1.51E-03
2508	387477.74, 3750784.85	3.771	6.646	6.223	1.84E-04	3.24E-04	3.03E-04	2.55E-04	4.50E-04	4.21E-04	9.04E-04	1.59E-03	1.49E-03
2509	387477.74, 3750809.85	3.726	6.571	6.148	1.81E-04	3.20E-04	2.99E-04	2.52E-04	4.45E-04	4.16E-04	8.93E-04	1.58E-03	1.47E-03
2510	387477.74, 3750834.85	3.679	6.492	6.068	1.79E-04	3.16E-04	2.95E-04	2.49E-04	4.39E-04	4.10E-04	8.82E-04	1.56E-03	1.45E-03
2511	387477.74, 3750859.85	3.645	6.429	5.954	1.77E-04	3.13E-04	2.90E-04	2.47E-04	4.35E-04	4.03E-04	8.74E-04	1.54E-03	1.43E-03
2512	387477.74, 3750884.85	3.609	6.363	5.885	1.76E-04	3.10E-04	2.87E-04	2.44E-04	4.30E-04	3.98E-04	8.65E-04	1.52E-03	1.41E-03
2513	387477.74, 3750909.85	3.56	6.276	5.803	1.73E-04	3.06E-04	2.83E-04	2.41E-04	4.25E-04	3.93E-04	8.53E-04	1.50E-03	1.39E-03
2514	387477.74, 3750934.85	3.514	6.197	5.737	1.71E-04	3.02E-04	2.79E-04	2.38E-04	4.19E-04	3.88E-04	8.42E-04	1.49E-03	1.38E-03
2515	387477.74, 3750959.85	3.472	6.13	5.661	1.69E-04	2.98E-04	2.76E-04	2.35E-04	4.15E-04	3.83E-04	8.32E-04	1.47E-03	1.36E-03
2516	387477.74, 3750984.85	3.426	6.059	5.593	1.67E-04	2.95E-04	2.72E-04	2.32E-04	4.10E-04	3.78E-04	8.21E-04	1.45E-03	1.34E-03
2517	387477.74, 3751009.85	3.397	6.007	5.527	1.65E-04	2.92E-04	2.69E-04	2.30E-04	4.06E-04	3.74E-04	8.14E-04	1.44E-03	1.32E-03
2518	387477.74, 3751034.85	3.359	5.941	5.466	1.64E-04	2.89E-04	2.66E-04	2.27E-04	4.02E-04	3.70E-04	8.05E-04	1.42E-03	1.31E-03
2519	387477.74, 3751059.85	3.323	5.872	5.403	1.62E-04	2.86E-04	2.63E-04	2.25E-04	3.97E-04	3.65E-04	7.96E-04	1.41E-03	1.30E-03
2520	387502.74, 3748984.85	12.78	20.41	19.48	6.22E-04	9.94E-04	9.48E-04	8.65E-04	1.38E-03	1.32E-03	3.06E-03	4.89E-03	4.67E-03
2521	387502.74, 3749009.85	12.51	20.04	19.04	6.09E-04	9.76E-04	9.27E-04	8.46E-04	1.36E-03	1.29E-03	3.00E-03	4.80E-03	4.56E-03
2522	387502.74, 3749034.85	12.18	19.56	18.51	5.93E-04	9.52E-04	9.01E-04	8.24E-04	1.32E-03	1.25E-03	2.92E-03	4.69E-03	4.44E-03
2523	387502.74, 3749059.85	11.81	19.01	18	5.75E-04	9.26E-04	8.76E-04	7.99E-04	1.29E-03	1.22E-03	2.83E-03	4.56E-03	4.31E-03
2524	387502.74, 3749084.85	11.41	18.45	17.48	5.56E-04	8.98E-04	8.51E-04	7.72E-04	1.25E-03	1.18E-03	2.74E-03	4.42E-03	4.19E-03
2525	387502.74, 3749109.85	11.03	17.88	16.96	5.37E-04	8.70E-04	8.26E-04	7.46E-04	1.21E-03	1.15E-03	2.64E-03	4.29E-03	4.06E-03
2526	387502.74, 3749134.85	10.67	17.35	16.46	5.20E-04	8.45E-04	8.01E-04	7.22E-04	1.17E-03	1.11E-03	2.56E-03	4.16E-03	3.95E-03
2527	387502.74, 3749159.85	10.34	16.85	15.98	5.04E-04	8.20E-04	7.78E-04	7.00E-04	1.14E-03	1.08E-03	2.48E-03	4.04E-03	3.83E-03
2528	387502.74, 3749184.85	10.02	16.36	15.52	4.88E-04	7.97E-04	7.56E-04	6.78E-04	1.11E-03	1.05E-03	2.40E-03	3.92E-03	3.72E-03
2529	387502.74, 3749209.85	9.748	15.94	15.11	4.75E-04	7.76E-04	7.36E-04	6.59E-04	1.08E-03	1.02E-03	2.34E-03	3.82E-03	3.62E-03
2530	387502.74, 3749234.85	9.458	15.5	14.7	4.60E-04	7.55E-04	7.16E-04	6.40E-04	1.05E-03	9.94E-04	2.27E-03	3.71E-03	3.52E-03
2531	387502.74, 3749259.85	9.151	15.05	14.28	4.46E-04	7.33E-04	6.95E-04	6.19E-04	1.02E-03	9.66E-04	2.19E-03	3.61E-03	3.42E-03
2532	387502.74, 3749284.85	8.87	14.65	13.9	4.32E-04	7.13E-04	6.77E-04	6.00E-04	9.91E-04	9.41E-04	2.13E-03	3.51E-03	3.33E-03
2533	387502.74, 3749309.85	8.645	14.31	13.57	4.21E-04	6.97E-04	6.61E-04	5.85E-04	9.68E-04	9.18E-04	2.07E-03	3.43E-03	3.25E-03
2534	387502.74, 3749334.85	8.419	13.97	13.27	4.10E-04	6.80E-04	6.46E-04	5.70E-04	9.45E-04	8.97E-04	2.02E-03	3.35E-03	3.18E-03
2535	387502.74, 3749359.85	8.215	13.63	12.92	4.00E-04	6.64E-04	6.29E-04	5.56E-04	9.22E-04	8.74E-04	1.97E-03	3.27E-03	3.10E-03
2536	387502.74, 3749384.85	7.994	13.32	12.64	3.89E-04	6.49E-04	6.15E-04	5.41E-04	9.01E-04	8.55E-04	1.92E-03	3.19E-03	3.03E-03
2537	387502.74, 3749409.85	7.817	13.07	12.42	3.81E-04	6.37E-04	6.05E-04	5.29E-04	8.84E-04	8.40E-04	1.87E-03	3.13E-03	2.98E-03

2538	387502.74, 3749434.85	7.626	12.81	12.16	3.71E-04	6.24E-04	5.92E-04	5.16E-04	8.66E-04	8.23E-04	1.83E-03	3.07E-03	2.92E-03
2539	387502.74, 3749459.85	7.448	12.54	11.91	3.63E-04	6.10E-04	5.80E-04	5.04E-04	8.48E-04	8.06E-04	1.79E-03	3.01E-03	2.85E-03
2540	387502.74, 3749484.85	7.293	12.27	11.66	3.55E-04	5.98E-04	5.68E-04	4.93E-04	8.30E-04	7.89E-04	1.75E-03	2.94E-03	2.79E-03
2541	387502.74, 3749509.85	7.149	12.06	11.41	3.48E-04	5.87E-04	5.56E-04	4.84E-04	8.16E-04	7.72E-04	1.71E-03	2.89E-03	2.73E-03
2542	387502.74, 3749534.85	6.982	11.79	11.15	3.40E-04	5.74E-04	5.43E-04	4.72E-04	7.97E-04	7.54E-04	1.67E-03	2.83E-03	2.67E-03
2543	387502.74, 3749559.85	6.796	11.51	10.91	3.31E-04	5.61E-04	5.31E-04	4.60E-04	7.79E-04	7.38E-04	1.63E-03	2.76E-03	2.62E-03
2544	387502.74, 3749584.85	6.664	11.32	10.71	3.24E-04	5.51E-04	5.21E-04	4.51E-04	7.66E-04	7.24E-04	1.60E-03	2.71E-03	2.57E-03
2545	387502.74, 3749609.85	6.52	11.1	10.52	3.17E-04	5.40E-04	5.12E-04	4.41E-04	7.51E-04	7.12E-04	1.56E-03	2.66E-03	2.52E-03
2546	387502.74, 3749634.85	6.399	10.93	10.37	3.12E-04	5.32E-04	5.05E-04	4.33E-04	7.39E-04	7.01E-04	1.53E-03	2.62E-03	2.48E-03
2547	387502.74, 3749659.85	6.319	10.79	10.24	3.08E-04	5.26E-04	4.99E-04	4.27E-04	7.30E-04	6.93E-04	1.51E-03	2.59E-03	2.45E-03
2548	387502.74, 3749684.85	6.179	10.58	10.05	3.01E-04	5.15E-04	4.89E-04	4.18E-04	7.16E-04	6.80E-04	1.48E-03	2.54E-03	2.41E-03
2549	387502.74, 3749709.85	6.07	10.41	9.86	2.96E-04	5.07E-04	4.80E-04	4.11E-04	7.04E-04	6.67E-04	1.45E-03	2.50E-03	2.36E-03
2550	387502.74, 3749734.85	5.973	10.25	9.677	2.91E-04	4.99E-04	4.71E-04	4.04E-04	6.93E-04	6.55E-04	1.43E-03	2.46E-03	2.32E-03
2551	387502.74, 3749759.85	5.879	10.09	9.51	2.86E-04	4.91E-04	4.63E-04	3.98E-04	6.83E-04	6.43E-04	1.41E-03	2.42E-03	2.28E-03
2552	387502.74, 3749784.85	5.775	9.919	9.345	2.81E-04	4.83E-04	4.55E-04	3.91E-04	6.71E-04	6.32E-04	1.38E-03	2.38E-03	2.24E-03
2553	387502.74, 3749809.85	5.657	9.728	9.185	2.75E-04	4.74E-04	4.47E-04	3.83E-04	6.58E-04	6.21E-04	1.36E-03	2.33E-03	2.20E-03
2554	387502.74, 3749834.85	5.554	9.574	9.037	2.70E-04	4.66E-04	4.40E-04	3.76E-04	6.48E-04	6.11E-04	1.33E-03	2.29E-03	2.17E-03
2555	387502.74, 3749859.85	5.471	9.447	8.895	2.66E-04	4.60E-04	4.33E-04	3.70E-04	6.39E-04	6.02E-04	1.31E-03	2.26E-03	2.13E-03
2556	387502.74, 3749884.85	5.4	9.332	8.771	2.63E-04	4.54E-04	4.27E-04	3.65E-04	6.31E-04	5.93E-04	1.29E-03	2.24E-03	2.10E-03
2557	387502.74, 3749909.85	5.29	9.154	8.613	2.58E-04	4.46E-04	4.19E-04	3.58E-04	6.19E-04	5.83E-04	1.27E-03	2.19E-03	2.06E-03
2558	387502.74, 3749934.85	5.201	9.021	8.513	2.53E-04	4.39E-04	4.14E-04	3.52E-04	6.10E-04	5.76E-04	1.25E-03	2.16E-03	2.04E-03
2559	387502.74, 3749959.85	5.11	8.873	8.408	2.49E-04	4.32E-04	4.09E-04	3.46E-04	6.00E-04	5.69E-04	1.22E-03	2.13E-03	2.02E-03
2560	387502.74, 3749984.85	5.06	8.805	8.268	2.46E-04	4.29E-04	4.03E-04	3.42E-04	5.96E-04	5.59E-04	1.21E-03	2.11E-03	1.98E-03
2561	387502.74, 3750009.85	5.02	8.716	8.146	2.44E-04	4.24E-04	3.97E-04	3.40E-04	5.90E-04	5.51E-04	1.20E-03	2.09E-03	1.95E-03
2562	387502.74, 3750034.85	4.952	8.594	8.032	2.41E-04	4.18E-04	3.91E-04	3.35E-04	5.81E-04	5.43E-04	1.19E-03	2.06E-03	1.93E-03
2563	387502.74, 3750059.85	4.863	8.446	7.934	2.37E-04	4.11E-04	3.86E-04	3.29E-04	5.71E-04	5.37E-04	1.17E-03	2.02E-03	1.90E-03
2564	387502.74, 3750084.85	4.795	8.348	7.85	2.33E-04	4.06E-04	3.82E-04	3.24E-04	5.65E-04	5.31E-04	1.15E-03	2.00E-03	1.88E-03
2565	387502.74, 3750109.85	4.747	8.276	7.764	2.31E-04	4.03E-04	3.78E-04	3.21E-04	5.60E-04	5.25E-04	1.14E-03	1.98E-03	1.86E-03
2566	387502.74, 3750134.85	4.695	8.191	7.676	2.29E-04	3.99E-04	3.74E-04	3.18E-04	5.54E-04	5.19E-04	1.13E-03	1.96E-03	1.84E-03
2567	387502.74, 3750159.85	4.624	8.07	7.582	2.25E-04	3.93E-04	3.69E-04	3.13E-04	5.46E-04	5.13E-04	1.11E-03	1.93E-03	1.82E-03
2568	387502.74, 3750184.85	4.564	7.961	7.481	2.22E-04	3.88E-04	3.64E-04	3.09E-04	5.38E-04	5.06E-04	1.09E-03	1.91E-03	1.79E-03
2569	387502.74, 3750209.85	4.495	7.855	7.402	2.19E-04	3.82E-04	3.60E-04	3.04E-04	5.31E-04	5.01E-04	1.08E-03	1.88E-03	1.77E-03
2570	387502.74, 3750234.85	4.442	7.759	7.267	2.16E-04	3.78E-04	3.54E-04	3.00E-04	5.25E-04	4.92E-04	1.06E-03	1.86E-03	1.74E-03
2571	387502.74, 3750259.85	4.384	7.673	7.162	2.13E-04	3.74E-04	3.49E-04	2.97E-04	5.19E-04	4.84E-04	1.05E-03	1.84E-03	1.72E-03
2572	387502.74, 3750284.85	4.317	7.559	7.068	2.10E-04	3.68E-04	3.44E-04	2.92E-04	5.11E-04	4.78E-04	1.03E-03	1.81E-03	1.69E-03
2573	387502.74, 3750309.85	4.265	7.48	6.997	2.08E-04	3.64E-04	3.41E-04	2.88E-04	5.06E-04	4.73E-04	1.02E-03	1.79E-03	1.68E-03
2574	387502.74, 3750334.85	4.209	7.392	6.905	2.05E-04	3.60E-04	3.36E-04	2.85E-04	5.00E-04	4.67E-04	1.01E-03	1.77E-03	1.65E-03
2575	387502.74, 3750359.85	4.162	7.327	6.846	2.03E-04	3.57E-04	3.33E-04	2.82E-04	4.96E-04	4.63E-04	9.98E-04	1.76E-03	1.64E-03
2576	387502.74, 3750384.85	4.125	7.257	6.779	2.01E-04	3.53E-04	3.30E-04	2.79E-04	4.91E-04	4.59E-04	9.89E-04	1.74E-03	1.62E-03
2577	387502.74, 3750409.85	4.078	7.179	6.703	1.99E-04	3.50E-04	3.26E-04	2.76E-04	4.86E-04	4.53E-04	9.77E-04	1.72E-03	1.61E-03
2578	387502.74, 3750434.85	4.04	7.108	6.626	1.97E-04	3.46E-04	3.23E-04	2.73E-04	4.81E-04	4.48E-04	9.68E-04	1.70E-03	1.59E-03

2579	387502.74, 3750459.85	4	7.04	6.563	1.95E-04	3.43E-04	3.20E-04	2.71E-04	4.76E-04	4.44E-04	9.59E-04	1.69E-03	1.57E-03
2580	387502.74, 3750484.85	3.956	6.964	6.486	1.93E-04	3.39E-04	3.16E-04	2.68E-04	4.71E-04	4.39E-04	9.48E-04	1.67E-03	1.55E-03
2581	387502.74, 3750509.85	3.912	6.903	6.427	1.90E-04	3.36E-04	3.13E-04	2.65E-04	4.67E-04	4.35E-04	9.38E-04	1.65E-03	1.54E-03
2582	387502.74, 3750534.85	3.878	6.845	6.372	1.89E-04	3.33E-04	3.10E-04	2.62E-04	4.63E-04	4.31E-04	9.30E-04	1.64E-03	1.53E-03
2583	387502.74, 3750559.85	3.822	6.739	6.262	1.86E-04	3.28E-04	3.05E-04	2.59E-04	4.56E-04	4.24E-04	9.16E-04	1.62E-03	1.50E-03
2584	387502.74, 3750584.85	3.788	6.678	6.2	1.84E-04	3.25E-04	3.02E-04	2.56E-04	4.52E-04	4.19E-04	9.08E-04	1.60E-03	1.49E-03
2585	387502.74, 3750609.85	3.755	6.624	6.172	1.83E-04	3.23E-04	3.00E-04	2.54E-04	4.48E-04	4.17E-04	9.00E-04	1.59E-03	1.48E-03
2586	387502.74, 3750634.85	3.71	6.548	6.101	1.81E-04	3.19E-04	2.97E-04	2.51E-04	4.43E-04	4.13E-04	8.89E-04	1.57E-03	1.46E-03
2587	387502.74, 3750659.85	3.646	6.436	5.987	1.78E-04	3.13E-04	2.92E-04	2.47E-04	4.35E-04	4.05E-04	8.74E-04	1.54E-03	1.44E-03
2588	387502.74, 3750684.85	3.614	6.385	5.933	1.76E-04	3.11E-04	2.89E-04	2.44E-04	4.32E-04	4.01E-04	8.66E-04	1.53E-03	1.42E-03
2589	387502.74, 3750709.85	3.589	6.34	5.884	1.75E-04	3.09E-04	2.86E-04	2.43E-04	4.29E-04	3.98E-04	8.60E-04	1.52E-03	1.41E-03
2590	387502.74, 3750734.85	3.537	6.254	5.832	1.72E-04	3.04E-04	2.84E-04	2.39E-04	4.23E-04	3.94E-04	8.48E-04	1.50E-03	1.40E-03
2591	387502.74, 3750759.85	3.505	6.193	5.792	1.71E-04	3.02E-04	2.82E-04	2.37E-04	4.19E-04	3.92E-04	8.40E-04	1.48E-03	1.39E-03
2592	387502.74, 3750784.85	3.466	6.128	5.726	1.69E-04	2.98E-04	2.79E-04	2.34E-04	4.15E-04	3.87E-04	8.31E-04	1.47E-03	1.37E-03
2593	387502.74, 3750809.85	3.428	6.059	5.65	1.67E-04	2.95E-04	2.75E-04	2.32E-04	4.10E-04	3.82E-04	8.22E-04	1.45E-03	1.35E-03
2594	387502.74, 3750834.85	3.387	5.988	5.552	1.65E-04	2.92E-04	2.70E-04	2.29E-04	4.05E-04	3.76E-04	8.12E-04	1.44E-03	1.33E-03
2595	387502.74, 3750859.85	3.359	5.942	5.489	1.64E-04	2.89E-04	2.67E-04	2.27E-04	4.02E-04	3.71E-04	8.05E-04	1.42E-03	1.32E-03
2596	387527.74, 3748984.85	8.664	13.6	12.75	4.22E-04	6.62E-04	6.21E-04	5.86E-04	9.20E-04	8.63E-04	2.08E-03	3.26E-03	3.06E-03
2597	387527.74, 3749009.85	8.681	13.73	12.88	4.23E-04	6.69E-04	6.27E-04	5.87E-04	9.29E-04	8.71E-04	2.08E-03	3.29E-03	3.09E-03
2598	387527.74, 3749034.85	8.626	13.73	12.89	4.20E-04	6.68E-04	6.28E-04	5.83E-04	9.29E-04	8.72E-04	2.07E-03	3.29E-03	3.09E-03
2599	387527.74, 3749059.85	8.51	13.62	12.8	4.14E-04	6.63E-04	6.23E-04	5.76E-04	9.21E-04	8.66E-04	2.04E-03	3.26E-03	3.07E-03
2600	387527.74, 3749084.85	8.371	13.46	12.66	4.08E-04	6.55E-04	6.16E-04	5.66E-04	9.11E-04	8.56E-04	2.01E-03	3.23E-03	3.03E-03
2601	387527.74, 3749109.85	8.219	13.27	12.49	4.00E-04	6.46E-04	6.08E-04	5.56E-04	8.98E-04	8.45E-04	1.97E-03	3.18E-03	2.99E-03
2602	387527.74, 3749134.85	8.049	13.06	12.3	3.92E-04	6.36E-04	5.99E-04	5.44E-04	8.83E-04	8.32E-04	1.93E-03	3.13E-03	2.95E-03
2603	387527.74, 3749159.85	7.885	12.84	12.1	3.84E-04	6.25E-04	5.89E-04	5.33E-04	8.69E-04	8.18E-04	1.89E-03	3.08E-03	2.90E-03
2604	387527.74, 3749184.85	7.725	12.62	11.89	3.76E-04	6.14E-04	5.79E-04	5.23E-04	8.54E-04	8.05E-04	1.85E-03	3.02E-03	2.85E-03
2605	387527.74, 3749209.85	7.555	12.39	11.69	3.68E-04	6.03E-04	5.69E-04	5.11E-04	8.38E-04	7.91E-04	1.81E-03	2.97E-03	2.80E-03
2606	387527.74, 3749234.85	7.391	12.17	11.48	3.60E-04	5.92E-04	5.59E-04	5.00E-04	8.23E-04	7.77E-04	1.77E-03	2.92E-03	2.75E-03
2607	387527.74, 3749259.85	7.219	11.93	11.27	3.51E-04	5.81E-04	5.49E-04	4.88E-04	8.07E-04	7.62E-04	1.73E-03	2.86E-03	2.70E-03
2608	387527.74, 3749284.85	7.056	11.72	11.07	3.44E-04	5.70E-04	5.39E-04	4.77E-04	7.93E-04	7.49E-04	1.69E-03	2.81E-03	2.65E-03
2609	387527.74, 3749309.85	6.945	11.53	10.88	3.38E-04	5.61E-04	5.30E-04	4.70E-04	7.80E-04	7.36E-04	1.66E-03	2.76E-03	2.61E-03
2610	387527.74, 3749334.85	6.792	11.32	10.69	3.31E-04	5.51E-04	5.20E-04	4.59E-04	7.66E-04	7.23E-04	1.63E-03	2.71E-03	2.56E-03
2611	387527.74, 3749359.85	6.667	11.14	10.5	3.25E-04	5.42E-04	5.11E-04	4.51E-04	7.53E-04	7.10E-04	1.60E-03	2.67E-03	2.52E-03
2612	387527.74, 3749384.85	6.53	10.96	10.36	3.18E-04	5.33E-04	5.04E-04	4.42E-04	7.41E-04	7.01E-04	1.57E-03	2.63E-03	2.48E-03
2613	387527.74, 3749409.85	6.423	10.83	10.26	3.13E-04	5.27E-04	5.00E-04	4.34E-04	7.33E-04	6.94E-04	1.54E-03	2.60E-03	2.46E-03
2614	387527.74, 3749434.85	6.295	10.67	10.1	3.07E-04	5.20E-04	4.92E-04	4.26E-04	7.22E-04	6.83E-04	1.51E-03	2.56E-03	2.42E-03
2615	387527.74, 3749459.85	6.205	10.52	9.947	3.02E-04	5.12E-04	4.84E-04	4.20E-04	7.11E-04	6.73E-04	1.49E-03	2.52E-03	2.38E-03
2616	387527.74, 3749484.85	6.108	10.36	9.796	2.97E-04	5.04E-04	4.77E-04	4.13E-04	7.01E-04	6.63E-04	1.46E-03	2.48E-03	2.35E-03
2617	387527.74, 3749509.85	6	10.19	9.616	2.92E-04	4.96E-04	4.68E-04	4.06E-04	6.89E-04	6.50E-04	1.44E-03	2.44E-03	2.30E-03
2618	387527.74, 3749534.85	5.9	10.04	9.483	2.87E-04	4.89E-04	4.62E-04	3.99E-04	6.79E-04	6.41E-04	1.41E-03	2.41E-03	2.27E-03
2619	387527.74, 3749559.85	5.8	9.888	9.328	2.82E-04	4.81E-04	4.54E-04	3.92E-04	6.69E-04	6.31E-04	1.39E-03	2.37E-03	2.24E-03

2620	387527.74, 3749584.85	5.696	9.74	9.206	2.77E-04	4.74E-04	4.48E-04	3.85E-04	6.59E-04	6.23E-04	1.37E-03	2.33E-03	2.21E-03
2621	387527.74, 3749609.85	5.595	9.577	9.051	2.72E-04	4.66E-04	4.41E-04	3.78E-04	6.48E-04	6.12E-04	1.34E-03	2.30E-03	2.17E-03
2622	387527.74, 3749634.85	5.514	9.457	8.943	2.68E-04	4.60E-04	4.35E-04	3.73E-04	6.40E-04	6.05E-04	1.32E-03	2.27E-03	2.14E-03
2623	387527.74, 3749659.85	5.447	9.357	8.846	2.65E-04	4.56E-04	4.31E-04	3.68E-04	6.33E-04	5.98E-04	1.31E-03	2.24E-03	2.12E-03
2624	387527.74, 3749684.85	5.36	9.219	8.733	2.61E-04	4.49E-04	4.25E-04	3.63E-04	6.24E-04	5.91E-04	1.28E-03	2.21E-03	2.09E-03
2625	387527.74, 3749709.85	5.289	9.112	8.604	2.58E-04	4.44E-04	4.19E-04	3.58E-04	6.16E-04	5.82E-04	1.27E-03	2.18E-03	2.06E-03
2626	387527.74, 3749734.85	5.22	8.999	8.467	2.54E-04	4.38E-04	4.12E-04	3.53E-04	6.09E-04	5.73E-04	1.25E-03	2.16E-03	2.03E-03
2627	387527.74, 3749759.85	5.15	8.888	8.357	2.51E-04	4.33E-04	4.07E-04	3.48E-04	6.01E-04	5.65E-04	1.23E-03	2.13E-03	2.00E-03
2628	387527.74, 3749784.85	5.063	8.734	8.223	2.47E-04	4.25E-04	4.00E-04	3.43E-04	5.91E-04	5.56E-04	1.21E-03	2.09E-03	1.97E-03
2629	387527.74, 3749809.85	4.982	8.609	8.113	2.43E-04	4.19E-04	3.95E-04	3.37E-04	5.82E-04	5.49E-04	1.19E-03	2.06E-03	1.94E-03
2630	387527.74, 3749834.85	4.898	8.48	7.992	2.38E-04	4.13E-04	3.89E-04	3.31E-04	5.74E-04	5.41E-04	1.17E-03	2.03E-03	1.92E-03
2631	387527.74, 3749859.85	4.832	8.381	7.883	2.35E-04	4.08E-04	3.84E-04	3.27E-04	5.67E-04	5.33E-04	1.16E-03	2.01E-03	1.89E-03
2632	387527.74, 3749884.85	4.783	8.302	7.795	2.33E-04	4.04E-04	3.80E-04	3.24E-04	5.62E-04	5.27E-04	1.15E-03	1.99E-03	1.87E-03
2633	387527.74, 3749909.85	4.703	8.171	7.693	2.29E-04	3.98E-04	3.75E-04	3.18E-04	5.53E-04	5.20E-04	1.13E-03	1.96E-03	1.84E-03
2634	387527.74, 3749934.85	4.641	8.07	7.591	2.26E-04	3.93E-04	3.70E-04	3.14E-04	5.46E-04	5.13E-04	1.11E-03	1.93E-03	1.82E-03
2635	387527.74, 3749959.85	4.594	7.988	7.495	2.24E-04	3.89E-04	3.65E-04	3.11E-04	5.40E-04	5.07E-04	1.10E-03	1.91E-03	1.80E-03
2636	387527.74, 3749984.85	4.543	7.913	7.402	2.21E-04	3.85E-04	3.60E-04	3.07E-04	5.35E-04	5.01E-04	1.09E-03	1.90E-03	1.77E-03
2637	387527.74, 3750009.85	4.488	7.825	7.31	2.19E-04	3.81E-04	3.56E-04	3.04E-04	5.29E-04	4.95E-04	1.08E-03	1.88E-03	1.75E-03
2638	387527.74, 3750034.85	4.431	7.72	7.215	2.16E-04	3.76E-04	3.51E-04	3.00E-04	5.22E-04	4.88E-04	1.06E-03	1.85E-03	1.73E-03
2639	387527.74, 3750059.85	4.358	7.592	7.108	2.12E-04	3.70E-04	3.46E-04	2.95E-04	5.14E-04	4.81E-04	1.04E-03	1.82E-03	1.70E-03
2640	387527.74, 3750084.85	4.308	7.518	7.042	2.10E-04	3.66E-04	3.43E-04	2.91E-04	5.09E-04	4.76E-04	1.03E-03	1.80E-03	1.69E-03
2641	387527.74, 3750109.85	4.256	7.441	6.955	2.07E-04	3.62E-04	3.39E-04	2.88E-04	5.03E-04	4.70E-04	1.02E-03	1.78E-03	1.67E-03
2642	387527.74, 3750134.85	4.218	7.387	6.9	2.05E-04	3.60E-04	3.36E-04	2.85E-04	5.00E-04	4.67E-04	1.01E-03	1.77E-03	1.65E-03
2643	387527.74, 3750159.85	4.179	7.323	6.843	2.03E-04	3.57E-04	3.33E-04	2.83E-04	4.95E-04	4.63E-04	1.00E-03	1.76E-03	1.64E-03
2644	387527.74, 3750184.85	4.131	7.239	6.766	2.01E-04	3.52E-04	3.29E-04	2.79E-04	4.90E-04	4.58E-04	9.90E-04	1.74E-03	1.62E-03
2645	387527.74, 3750209.85	4.071	7.133	6.683	1.98E-04	3.47E-04	3.25E-04	2.75E-04	4.83E-04	4.52E-04	9.76E-04	1.71E-03	1.60E-03
2646	387527.74, 3750234.85	4.023	7.056	6.601	1.96E-04	3.44E-04	3.21E-04	2.72E-04	4.77E-04	4.46E-04	9.64E-04	1.69E-03	1.58E-03
2647	387527.74, 3750259.85	3.968	6.965	6.481	1.93E-04	3.39E-04	3.16E-04	2.68E-04	4.71E-04	4.38E-04	9.51E-04	1.67E-03	1.55E-03
2648	387527.74, 3750284.85	3.919	6.887	6.436	1.91E-04	3.35E-04	3.13E-04	2.65E-04	4.66E-04	4.35E-04	9.39E-04	1.65E-03	1.54E-03
2649	387527.74, 3750309.85	3.868	6.808	6.358	1.88E-04	3.31E-04	3.10E-04	2.62E-04	4.60E-04	4.30E-04	9.27E-04	1.63E-03	1.52E-03
2650	387527.74, 3750334.85	3.831	6.751	6.295	1.87E-04	3.29E-04	3.06E-04	2.59E-04	4.57E-04	4.26E-04	9.18E-04	1.62E-03	1.51E-03
2651	387527.74, 3750359.85	3.794	6.696	6.242	1.85E-04	3.26E-04	3.04E-04	2.57E-04	4.53E-04	4.22E-04	9.09E-04	1.60E-03	1.50E-03
2652	387527.74, 3750384.85	3.752	6.632	6.179	1.83E-04	3.23E-04	3.01E-04	2.54E-04	4.49E-04	4.18E-04	8.99E-04	1.59E-03	1.48E-03
2653	387527.74, 3750409.85	3.717	6.574	6.123	1.81E-04	3.20E-04	2.98E-04	2.51E-04	4.45E-04	4.14E-04	8.91E-04	1.58E-03	1.47E-03
2654	387527.74, 3750434.85	3.685	6.512	6.064	1.79E-04	3.17E-04	2.95E-04	2.49E-04	4.41E-04	4.10E-04	8.83E-04	1.56E-03	1.45E-03
2655	387527.74, 3750459.85	3.657	6.458	6.008	1.78E-04	3.14E-04	2.93E-04	2.47E-04	4.37E-04	4.06E-04	8.77E-04	1.55E-03	1.44E-03
2656	387527.74, 3750484.85	3.619	6.391	5.939	1.76E-04	3.11E-04	2.89E-04	2.45E-04	4.32E-04	4.02E-04	8.67E-04	1.53E-03	1.42E-03
2657	387527.74, 3750509.85	3.577	6.32	5.868	1.74E-04	3.08E-04	2.86E-04	2.42E-04	4.28E-04	3.97E-04	8.57E-04	1.51E-03	1.41E-03
2658	387527.74, 3750534.85	3.549	6.278	5.819	1.73E-04	3.06E-04	2.83E-04	2.40E-04	4.25E-04	3.94E-04	8.51E-04	1.50E-03	1.39E-03
2659	387527.74, 3750559.85	3.505	6.198	5.743	1.71E-04	3.02E-04	2.80E-04	2.37E-04	4.19E-04	3.89E-04	8.40E-04	1.49E-03	1.38E-03
2660	387527.74, 3750584.85	3.47	6.141	5.695	1.69E-04	2.99E-04	2.77E-04	2.35E-04	4.15E-04	3.85E-04	8.32E-04	1.47E-03	1.36E-03

2661	387527.74, 3750609.85	3.45	6.107	5.669	1.68E-04	2.97E-04	2.76E-04	2.33E-04	4.13E-04	3.83E-04	8.27E-04	1.46E-03	1.36E-03
2662	387527.74, 3750634.85	3.416	6.046	5.623	1.66E-04	2.94E-04	2.74E-04	2.31E-04	4.09E-04	3.80E-04	8.19E-04	1.45E-03	1.35E-03
2663	387527.74, 3750659.85	3.368	5.966	5.527	1.64E-04	2.90E-04	2.69E-04	2.28E-04	4.04E-04	3.74E-04	8.07E-04	1.43E-03	1.32E-03
2664	387527.74, 3750684.85	3.329	5.899	5.472	1.62E-04	2.87E-04	2.66E-04	2.25E-04	3.99E-04	3.70E-04	7.98E-04	1.41E-03	1.31E-03
2665	387552.74, 3748984.85	6.237	10.06	9.453	3.04E-04	4.90E-04	4.60E-04	4.22E-04	6.81E-04	6.39E-04	1.49E-03	2.41E-03	2.27E-03
2666	387552.74, 3749009.85	6.473	10.36	9.706	3.15E-04	5.04E-04	4.73E-04	4.38E-04	7.01E-04	6.57E-04	1.55E-03	2.48E-03	2.33E-03
2667	387552.74, 3749034.85	6.53	10.49	9.84	3.18E-04	5.11E-04	4.79E-04	4.42E-04	7.10E-04	6.66E-04	1.57E-03	2.52E-03	2.36E-03
2668	387552.74, 3749059.85	6.594	10.59	9.926	3.21E-04	5.15E-04	4.83E-04	4.46E-04	7.16E-04	6.71E-04	1.58E-03	2.54E-03	2.38E-03
2669	387552.74, 3749084.85	6.554	10.58	9.926	3.19E-04	5.15E-04	4.83E-04	4.43E-04	7.16E-04	6.71E-04	1.57E-03	2.54E-03	2.38E-03
2670	387552.74, 3749109.85	6.492	10.53	9.891	3.16E-04	5.13E-04	4.82E-04	4.39E-04	7.12E-04	6.69E-04	1.56E-03	2.52E-03	2.37E-03
2671	387552.74, 3749134.85	6.414	10.46	9.826	3.12E-04	5.09E-04	4.78E-04	4.34E-04	7.07E-04	6.65E-04	1.54E-03	2.51E-03	2.36E-03
2672	387552.74, 3749159.85	6.332	10.37	9.746	3.08E-04	5.05E-04	4.75E-04	4.28E-04	7.01E-04	6.59E-04	1.52E-03	2.48E-03	2.34E-03
2673	387552.74, 3749184.85	6.246	10.26	9.652	3.04E-04	5.00E-04	4.70E-04	4.23E-04	6.94E-04	6.53E-04	1.50E-03	2.46E-03	2.31E-03
2674	387552.74, 3749209.85	6.152	10.15	9.547	3.00E-04	4.94E-04	4.65E-04	4.16E-04	6.87E-04	6.46E-04	1.47E-03	2.43E-03	2.29E-03
2675	387552.74, 3749234.85	6.057	10.03	9.436	2.95E-04	4.88E-04	4.59E-04	4.10E-04	6.78E-04	6.38E-04	1.45E-03	2.40E-03	2.26E-03
2676	387552.74, 3749259.85	5.953	9.896	9.309	2.90E-04	4.82E-04	4.53E-04	4.03E-04	6.69E-04	6.30E-04	1.43E-03	2.37E-03	2.23E-03
2677	387552.74, 3749284.85	5.85	9.778	9.211	2.85E-04	4.76E-04	4.48E-04	3.96E-04	6.61E-04	6.23E-04	1.40E-03	2.34E-03	2.21E-03
2678	387552.74, 3749309.85	5.779	9.668	9.085	2.81E-04	4.71E-04	4.42E-04	3.91E-04	6.54E-04	6.15E-04	1.39E-03	2.32E-03	2.18E-03
2679	387552.74, 3749334.85	5.687	9.551	8.967	2.77E-04	4.65E-04	4.37E-04	3.85E-04	6.46E-04	6.07E-04	1.36E-03	2.29E-03	2.15E-03
2680	387552.74, 3749359.85	5.604	9.437	8.855	2.73E-04	4.59E-04	4.31E-04	3.79E-04	6.38E-04	5.99E-04	1.34E-03	2.26E-03	2.12E-03
2681	387552.74, 3749384.85	5.535	9.369	8.832	2.69E-04	4.56E-04	4.30E-04	3.74E-04	6.34E-04	5.97E-04	1.33E-03	2.25E-03	2.12E-03
2682	387552.74, 3749409.85	5.455	9.265	8.719	2.66E-04	4.51E-04	4.25E-04	3.69E-04	6.27E-04	5.90E-04	1.31E-03	2.22E-03	2.09E-03
2683	387552.74, 3749434.85	5.379	9.164	8.621	2.62E-04	4.46E-04	4.20E-04	3.64E-04	6.20E-04	5.83E-04	1.29E-03	2.20E-03	2.07E-03
2684	387552.74, 3749459.85	5.32	9.068	8.515	2.59E-04	4.42E-04	4.15E-04	3.60E-04	6.13E-04	5.76E-04	1.28E-03	2.17E-03	2.04E-03
2685	387552.74, 3749484.85	5.253	8.958	8.404	2.56E-04	4.36E-04	4.09E-04	3.55E-04	6.06E-04	5.69E-04	1.26E-03	2.15E-03	2.01E-03
2686	387552.74, 3749509.85	5.182	8.853	8.298	2.52E-04	4.31E-04	4.04E-04	3.51E-04	5.99E-04	5.61E-04	1.24E-03	2.12E-03	1.99E-03
2687	387552.74, 3749534.85	5.109	8.742	8.198	2.49E-04	4.26E-04	3.99E-04	3.46E-04	5.91E-04	5.55E-04	1.22E-03	2.10E-03	1.96E-03
2688	387552.74, 3749559.85	5.031	8.624	8.095	2.45E-04	4.20E-04	3.94E-04	3.40E-04	5.83E-04	5.48E-04	1.21E-03	2.07E-03	1.94E-03
2689	387552.74, 3749584.85	4.97	8.539	8.036	2.42E-04	4.16E-04	3.91E-04	3.36E-04	5.78E-04	5.44E-04	1.19E-03	2.05E-03	1.93E-03
2690	387552.74, 3749609.85	4.902	8.436	7.93	2.39E-04	4.11E-04	3.86E-04	3.32E-04	5.71E-04	5.36E-04	1.17E-03	2.02E-03	1.90E-03
2691	387552.74, 3749634.85	4.838	8.342	7.841	2.36E-04	4.06E-04	3.82E-04	3.27E-04	5.64E-04	5.30E-04	1.16E-03	2.00E-03	1.88E-03
2692	387552.74, 3749659.85	4.793	8.274	7.772	2.33E-04	4.03E-04	3.78E-04	3.24E-04	5.60E-04	5.26E-04	1.15E-03	1.98E-03	1.86E-03
2693	387552.74, 3749684.85	4.727	8.172	7.691	2.30E-04	3.98E-04	3.74E-04	3.20E-04	5.53E-04	5.20E-04	1.13E-03	1.96E-03	1.84E-03
2694	387552.74, 3749709.85	4.679	8.105	7.625	2.28E-04	3.95E-04	3.71E-04	3.16E-04	5.48E-04	5.16E-04	1.12E-03	1.94E-03	1.83E-03
2695	387552.74, 3749734.85	4.631	8.029	7.546	2.25E-04	3.91E-04	3.67E-04	3.13E-04	5.43E-04	5.10E-04	1.11E-03	1.92E-03	1.81E-03
2696	387552.74, 3749759.85	4.578	7.94	7.458	2.23E-04	3.87E-04	3.63E-04	3.10E-04	5.37E-04	5.04E-04	1.10E-03	1.90E-03	1.79E-03
2697	387552.74, 3749784.85	4.518	7.838	7.361	2.20E-04	3.82E-04	3.58E-04	3.06E-04	5.30E-04	4.98E-04	1.08E-03	1.88E-03	1.76E-03
2698	387552.74, 3749809.85	4.453	7.729	7.272	2.17E-04	3.76E-04	3.54E-04	3.01E-04	5.23E-04	4.92E-04	1.07E-03	1.85E-03	1.74E-03
2699	387552.74, 3749834.85	4.396	7.643	7.209	2.14E-04	3.72E-04	3.51E-04	2.97E-04	5.17E-04	4.88E-04	1.05E-03	1.83E-03	1.73E-03
2700	387552.74, 3749859.85	4.335	7.547	7.096	2.11E-04	3.67E-04	3.45E-04	2.93E-04	5.11E-04	4.80E-04	1.04E-03	1.81E-03	1.70E-03
2701	387552.74, 3749884.85	4.298	7.489	7.022	2.09E-04	3.65E-04	3.42E-04	2.91E-04	5.07E-04	4.75E-04	1.03E-03	1.79E-03	1.68E-03

2702	387552.74, 3749909.85	4.239	7.394	6.939	2.06E-04	3.60E-04	3.38E-04	2.87E-04	5.00E-04	4.69E-04	1.02E-03	1.77E-03	1.66E-03
2703	387552.74, 3749934.85	4.193	7.314	6.863	2.04E-04	3.56E-04	3.34E-04	2.84E-04	4.95E-04	4.64E-04	1.00E-03	1.75E-03	1.64E-03
2704	387552.74, 3749959.85	4.129	7.223	6.806	2.01E-04	3.52E-04	3.31E-04	2.79E-04	4.89E-04	4.60E-04	9.90E-04	1.73E-03	1.63E-03
2705	387552.74, 3749984.85	4.098	7.165	6.708	2.00E-04	3.49E-04	3.27E-04	2.77E-04	4.85E-04	4.54E-04	9.82E-04	1.72E-03	1.61E-03
2706	387552.74, 3750009.85	4.041	7.063	6.59	1.97E-04	3.44E-04	3.21E-04	2.73E-04	4.78E-04	4.46E-04	9.68E-04	1.69E-03	1.58E-03
2707	387552.74, 3750034.85	3.995	6.982	6.517	1.94E-04	3.40E-04	3.17E-04	2.70E-04	4.72E-04	4.41E-04	9.57E-04	1.67E-03	1.56E-03
2708	387552.74, 3750059.85	3.953	6.911	6.454	1.92E-04	3.36E-04	3.14E-04	2.67E-04	4.67E-04	4.37E-04	9.47E-04	1.66E-03	1.55E-03
2709	387552.74, 3750084.85	3.904	6.844	6.399	1.90E-04	3.33E-04	3.12E-04	2.64E-04	4.63E-04	4.33E-04	9.36E-04	1.64E-03	1.53E-03
2710	387552.74, 3750109.85	3.863	6.782	6.332	1.88E-04	3.30E-04	3.08E-04	2.61E-04	4.59E-04	4.28E-04	9.26E-04	1.63E-03	1.52E-03
2711	387552.74, 3750134.85	3.822	6.718	6.26	1.86E-04	3.27E-04	3.05E-04	2.59E-04	4.54E-04	4.23E-04	9.16E-04	1.61E-03	1.50E-03
2712	387552.74, 3750159.85	3.785	6.655	6.191	1.84E-04	3.24E-04	3.01E-04	2.56E-04	4.50E-04	4.19E-04	9.07E-04	1.60E-03	1.48E-03
2713	387552.74, 3750184.85	3.747	6.59	6.124	1.82E-04	3.21E-04	2.98E-04	2.53E-04	4.46E-04	4.14E-04	8.98E-04	1.58E-03	1.47E-03
2714	387552.74, 3750209.85	3.703	6.515	6.05	1.80E-04	3.17E-04	2.95E-04	2.51E-04	4.41E-04	4.09E-04	8.88E-04	1.56E-03	1.45E-03
2715	387552.74, 3750234.85	3.667	6.457	5.998	1.79E-04	3.14E-04	2.92E-04	2.48E-04	4.37E-04	4.06E-04	8.79E-04	1.55E-03	1.44E-03
2716	387552.74, 3750259.85	3.637	6.402	5.962	1.77E-04	3.12E-04	2.90E-04	2.46E-04	4.33E-04	4.03E-04	8.72E-04	1.53E-03	1.43E-03
2717	387552.74, 3750284.85	3.597	6.339	5.91	1.75E-04	3.09E-04	2.88E-04	2.43E-04	4.29E-04	4.00E-04	8.62E-04	1.52E-03	1.42E-03
2718	387552.74, 3750309.85	3.555	6.273	5.843	1.73E-04	3.05E-04	2.84E-04	2.40E-04	4.24E-04	3.95E-04	8.52E-04	1.50E-03	1.40E-03
2719	387552.74, 3750334.85	3.518	6.217	5.787	1.71E-04	3.03E-04	2.82E-04	2.38E-04	4.21E-04	3.91E-04	8.43E-04	1.49E-03	1.39E-03
2720	387552.74, 3750359.85	3.486	6.164	5.738	1.70E-04	3.00E-04	2.79E-04	2.36E-04	4.17E-04	3.88E-04	8.35E-04	1.48E-03	1.38E-03
2721	387552.74, 3750384.85	3.453	6.114	5.687	1.68E-04	2.98E-04	2.77E-04	2.34E-04	4.14E-04	3.85E-04	8.28E-04	1.47E-03	1.36E-03
2722	387552.74, 3750409.85	3.419	6.061	5.642	1.66E-04	2.95E-04	2.75E-04	2.31E-04	4.10E-04	3.82E-04	8.20E-04	1.45E-03	1.35E-03
2723	387552.74, 3750434.85	3.395	6.015	5.593	1.65E-04	2.93E-04	2.72E-04	2.30E-04	4.07E-04	3.78E-04	8.14E-04	1.44E-03	1.34E-03
2724	387552.74, 3750459.85	3.362	5.955	5.525	1.64E-04	2.90E-04	2.69E-04	2.27E-04	4.03E-04	3.74E-04	8.06E-04	1.43E-03	1.32E-03
2725	387552.74, 3750484.85	3.33	5.902	5.475	1.62E-04	2.87E-04	2.67E-04	2.25E-04	3.99E-04	3.70E-04	7.98E-04	1.41E-03	1.31E-03
2726	387577.74, 3748984.85	5.068	8.091	7.567	2.47E-04	3.94E-04	3.68E-04	3.43E-04	5.47E-04	5.12E-04	1.21E-03	1.94E-03	1.81E-03
2727	387577.74, 3749009.85	5.24	8.369	7.821	2.55E-04	4.07E-04	3.81E-04	3.54E-04	5.66E-04	5.29E-04	1.26E-03	2.01E-03	1.87E-03
2728	387577.74, 3749034.85	5.323	8.54	7.97	2.59E-04	4.16E-04	3.88E-04	3.60E-04	5.78E-04	5.39E-04	1.28E-03	2.05E-03	1.91E-03
2729	387577.74, 3749059.85	5.341	8.629	8.069	2.60E-04	4.20E-04	3.93E-04	3.61E-04	5.84E-04	5.46E-04	1.28E-03	2.07E-03	1.93E-03
2730	387577.74, 3749084.85	5.358	8.697	8.141	2.61E-04	4.23E-04	3.96E-04	3.62E-04	5.88E-04	5.51E-04	1.28E-03	2.08E-03	1.95E-03
2731	387577.74, 3749109.85	5.339	8.714	8.164	2.60E-04	4.24E-04	3.98E-04	3.61E-04	5.89E-04	5.52E-04	1.28E-03	2.09E-03	1.96E-03
2732	387577.74, 3749134.85	5.31	8.708	8.164	2.59E-04	4.24E-04	3.98E-04	3.59E-04	5.89E-04	5.52E-04	1.27E-03	2.09E-03	1.96E-03
2733	387577.74, 3749159.85	5.271	8.681	8.145	2.57E-04	4.23E-04	3.97E-04	3.57E-04	5.87E-04	5.51E-04	1.26E-03	2.08E-03	1.95E-03
2734	387577.74, 3749184.85	5.225	8.64	8.109	2.54E-04	4.21E-04	3.95E-04	3.53E-04	5.84E-04	5.49E-04	1.25E-03	2.07E-03	1.94E-03
2735	387577.74, 3749209.85	5.175	8.588	8.064	2.52E-04	4.18E-04	3.93E-04	3.50E-04	5.81E-04	5.45E-04	1.24E-03	2.06E-03	1.93E-03
2736	387577.74, 3749234.85	5.121	8.528	8.009	2.49E-04	4.15E-04	3.90E-04	3.46E-04	5.77E-04	5.42E-04	1.23E-03	2.04E-03	1.92E-03
2737	387577.74, 3749259.85	5.059	8.463	7.941	2.46E-04	4.12E-04	3.87E-04	3.42E-04	5.72E-04	5.37E-04	1.21E-03	2.03E-03	1.90E-03
2738	387577.74, 3749284.85	4.992	8.395	7.881	2.43E-04	4.09E-04	3.84E-04	3.38E-04	5.68E-04	5.33E-04	1.20E-03	2.01E-03	1.89E-03
2739	387577.74, 3749309.85	4.943	8.332	7.803	2.41E-04	4.06E-04	3.80E-04	3.34E-04	5.64E-04	5.28E-04	1.18E-03	2.00E-03	1.87E-03
2740	387577.74, 3749334.85	4.884	8.262	7.727	2.38E-04	4.02E-04	3.76E-04	3.30E-04	5.59E-04	5.23E-04	1.17E-03	1.98E-03	1.85E-03
2741	387577.74, 3749359.85	4.829	8.191	7.657	2.35E-04	3.99E-04	3.73E-04	3.27E-04	5.54E-04	5.18E-04	1.16E-03	1.96E-03	1.84E-03
2742	387577.74, 3749384.85	4.767	8.12	7.598	2.32E-04	3.95E-04	3.70E-04	3.22E-04	5.49E-04	5.14E-04	1.14E-03	1.95E-03	1.82E-03

2743	387577.74, 3749409.85	4.74	8.099	7.569	2.31E-04	3.94E-04	3.69E-04	3.21E-04	5.48E-04	5.12E-04	1.14E-03	1.94E-03	1.81E-03
2744	387577.74, 3749434.85	4.698	8.041	7.508	2.29E-04	3.91E-04	3.66E-04	3.18E-04	5.44E-04	5.08E-04	1.13E-03	1.93E-03	1.80E-03
2745	387577.74, 3749459.85	4.65	7.965	7.453	2.26E-04	3.88E-04	3.63E-04	3.15E-04	5.39E-04	5.04E-04	1.11E-03	1.91E-03	1.79E-03
2746	387577.74, 3749484.85	4.594	7.887	7.367	2.24E-04	3.84E-04	3.59E-04	3.11E-04	5.34E-04	4.98E-04	1.10E-03	1.89E-03	1.77E-03
2747	387577.74, 3749509.85	4.528	7.792	7.288	2.20E-04	3.79E-04	3.55E-04	3.06E-04	5.27E-04	4.93E-04	1.09E-03	1.87E-03	1.75E-03
2748	387577.74, 3749534.85	4.49	7.739	7.222	2.19E-04	3.77E-04	3.52E-04	3.04E-04	5.23E-04	4.89E-04	1.08E-03	1.85E-03	1.73E-03
2749	387577.74, 3749559.85	4.449	7.676	7.157	2.17E-04	3.74E-04	3.48E-04	3.01E-04	5.19E-04	4.84E-04	1.07E-03	1.84E-03	1.72E-03
2750	387577.74, 3749584.85	4.402	7.598	7.102	2.14E-04	3.70E-04	3.46E-04	2.98E-04	5.14E-04	4.80E-04	1.06E-03	1.82E-03	1.70E-03
2751	387577.74, 3749609.85	4.361	7.534	7.031	2.12E-04	3.67E-04	3.42E-04	2.95E-04	5.10E-04	4.76E-04	1.05E-03	1.81E-03	1.69E-03
2752	387577.74, 3749634.85	4.313	7.47	6.979	2.10E-04	3.64E-04	3.40E-04	2.92E-04	5.05E-04	4.72E-04	1.03E-03	1.79E-03	1.67E-03
2753	387577.74, 3749659.85	4.274	7.403	6.909	2.08E-04	3.60E-04	3.36E-04	2.89E-04	5.01E-04	4.67E-04	1.02E-03	1.77E-03	1.66E-03
2754	387577.74, 3749684.85	4.232	7.343	6.858	2.06E-04	3.58E-04	3.34E-04	2.86E-04	4.97E-04	4.64E-04	1.01E-03	1.76E-03	1.64E-03
2755	387577.74, 3749709.85	4.195	7.291	6.81	2.04E-04	3.55E-04	3.32E-04	2.84E-04	4.93E-04	4.61E-04	1.01E-03	1.75E-03	1.63E-03
2756	387577.74, 3749734.85	4.157	7.235	6.754	2.02E-04	3.52E-04	3.29E-04	2.81E-04	4.89E-04	4.57E-04	9.96E-04	1.73E-03	1.62E-03
2757	387577.74, 3749759.85	4.116	7.161	6.686	2.00E-04	3.49E-04	3.26E-04	2.78E-04	4.84E-04	4.52E-04	9.86E-04	1.72E-03	1.60E-03
2758	387577.74, 3749784.85	4.071	7.087	6.635	1.98E-04	3.45E-04	3.23E-04	2.75E-04	4.79E-04	4.49E-04	9.76E-04	1.70E-03	1.59E-03
2759	387577.74, 3749809.85	4.033	7.024	6.586	1.96E-04	3.42E-04	3.21E-04	2.73E-04	4.75E-04	4.46E-04	9.67E-04	1.68E-03	1.58E-03
2760	387577.74, 3749834.85	3.984	6.948	6.519	1.94E-04	3.38E-04	3.17E-04	2.69E-04	4.70E-04	4.41E-04	9.55E-04	1.67E-03	1.56E-03
2761	387577.74, 3749859.85	3.937	6.876	6.454	1.92E-04	3.35E-04	3.14E-04	2.66E-04	4.65E-04	4.37E-04	9.44E-04	1.65E-03	1.55E-03
2762	387577.74, 3749884.85	3.896	6.812	6.388	1.90E-04	3.32E-04	3.11E-04	2.64E-04	4.61E-04	4.32E-04	9.34E-04	1.63E-03	1.53E-03
2763	387577.74, 3749909.85	3.858	6.75	6.326	1.88E-04	3.29E-04	3.08E-04	2.61E-04	4.57E-04	4.28E-04	9.25E-04	1.62E-03	1.52E-03
2764	387577.74, 3749934.85	3.819	6.684	6.262	1.86E-04	3.25E-04	3.05E-04	2.58E-04	4.52E-04	4.24E-04	9.15E-04	1.60E-03	1.50E-03
2765	387577.74, 3749959.85	3.78	6.618	6.192	1.84E-04	3.22E-04	3.01E-04	2.56E-04	4.48E-04	4.19E-04	9.06E-04	1.59E-03	1.48E-03
2766	387577.74, 3749984.85	3.728	6.532	6.092	1.82E-04	3.18E-04	2.97E-04	2.52E-04	4.42E-04	4.12E-04	8.94E-04	1.57E-03	1.46E-03
2767	387577.74, 3750009.85	3.687	6.466	6.026	1.80E-04	3.15E-04	2.93E-04	2.49E-04	4.37E-04	4.08E-04	8.84E-04	1.55E-03	1.44E-03
2768	387577.74, 3750034.85	3.648	6.402	5.969	1.78E-04	3.12E-04	2.91E-04	2.47E-04	4.33E-04	4.04E-04	8.74E-04	1.53E-03	1.43E-03
2769	387577.74, 3750059.85	3.61	6.34	5.916	1.76E-04	3.09E-04	2.88E-04	2.44E-04	4.29E-04	4.00E-04	8.65E-04	1.52E-03	1.42E-03
2770	387577.74, 3750084.85	3.57	6.272	5.84	1.74E-04	3.05E-04	2.84E-04	2.42E-04	4.24E-04	3.95E-04	8.56E-04	1.50E-03	1.40E-03
2771	387577.74, 3750109.85	3.534	6.216	5.781	1.72E-04	3.03E-04	2.81E-04	2.39E-04	4.21E-04	3.91E-04	8.47E-04	1.49E-03	1.39E-03
2772	387577.74, 3750134.85	3.498	6.162	5.722	1.70E-04	3.00E-04	2.79E-04	2.37E-04	4.17E-04	3.87E-04	8.38E-04	1.48E-03	1.37E-03
2773	387577.74, 3750159.85	3.474	6.127	5.692	1.69E-04	2.98E-04	2.77E-04	2.35E-04	4.14E-04	3.85E-04	8.33E-04	1.47E-03	1.36E-03
2774	387577.74, 3750184.85	3.44	6.071	5.632	1.68E-04	2.96E-04	2.74E-04	2.33E-04	4.11E-04	3.81E-04	8.25E-04	1.46E-03	1.35E-03
2775	387577.74, 3750209.85	3.41	6.019	5.589	1.66E-04	2.93E-04	2.72E-04	2.31E-04	4.07E-04	3.78E-04	8.17E-04	1.44E-03	1.34E-03
2776	387577.74, 3750234.85	3.38	5.965	5.536	1.65E-04	2.90E-04	2.70E-04	2.29E-04	4.04E-04	3.74E-04	8.10E-04	1.43E-03	1.33E-03
2777	387577.74, 3750259.85	3.344	5.907	5.486	1.63E-04	2.88E-04	2.67E-04	2.26E-04	4.00E-04	3.71E-04	8.02E-04	1.42E-03	1.31E-03
2778	387577.74, 3750284.85	3.304	5.85	5.432	1.61E-04	2.85E-04	2.64E-04	2.23E-04	3.96E-04	3.67E-04	7.92E-04	1.40E-03	1.30E-03
2779	387577.74, 3750309.85	3.286	5.811	5.4	1.60E-04	2.83E-04	2.63E-04	2.22E-04	3.93E-04	3.65E-04	7.88E-04	1.39E-03	1.29E-03
2780	387602.74, 3748984.85	4.125	6.707	6.239	2.01E-04	3.27E-04	3.04E-04	2.79E-04	4.54E-04	4.22E-04	9.89E-04	1.61E-03	1.50E-03
2781	387602.74, 3749009.85	4.317	6.979	6.475	2.10E-04	3.40E-04	3.15E-04	2.92E-04	4.72E-04	4.38E-04	1.03E-03	1.67E-03	1.55E-03
2782	387602.74, 3749034.85	4.428	7.169	6.662	2.16E-04	3.49E-04	3.24E-04	3.00E-04	4.85E-04	4.51E-04	1.06E-03	1.72E-03	1.60E-03
2783	387602.74, 3749059.85	4.488	7.3	6.771	2.18E-04	3.55E-04	3.30E-04	3.04E-04	4.94E-04	4.58E-04	1.08E-03	1.75E-03	1.62E-03

2784	387602.74, 3749084.85	4.517	7.384	6.857	2.20E-04	3.60E-04	3.34E-04	3.06E-04	4.99E-04	4.64E-04	1.08E-03	1.77E-03	1.64E-03
2785	387602.74, 3749109.85	4.522	7.424	6.905	2.20E-04	3.61E-04	3.36E-04	3.06E-04	5.02E-04	4.67E-04	1.08E-03	1.78E-03	1.65E-03
2786	387602.74, 3749134.85	4.518	7.449	6.937	2.20E-04	3.63E-04	3.38E-04	3.06E-04	5.04E-04	4.69E-04	1.08E-03	1.79E-03	1.66E-03
2787	387602.74, 3749159.85	4.508	7.464	6.958	2.19E-04	3.63E-04	3.39E-04	3.05E-04	5.05E-04	4.71E-04	1.08E-03	1.79E-03	1.67E-03
2788	387602.74, 3749184.85	4.485	7.454	6.953	2.18E-04	3.63E-04	3.39E-04	3.03E-04	5.04E-04	4.70E-04	1.07E-03	1.79E-03	1.67E-03
2789	387602.74, 3749209.85	4.457	7.437	6.939	2.17E-04	3.62E-04	3.38E-04	3.01E-04	5.03E-04	4.69E-04	1.07E-03	1.78E-03	1.66E-03
2790	387602.74, 3749234.85	4.428	7.417	6.92	2.16E-04	3.61E-04	3.37E-04	3.00E-04	5.02E-04	4.68E-04	1.06E-03	1.78E-03	1.66E-03
2791	387602.74, 3749259.85	4.392	7.388	6.888	2.14E-04	3.60E-04	3.35E-04	2.97E-04	5.00E-04	4.66E-04	1.05E-03	1.77E-03	1.65E-03
2792	387602.74, 3749284.85	4.351	7.354	6.849	2.12E-04	3.58E-04	3.33E-04	2.94E-04	4.97E-04	4.63E-04	1.04E-03	1.76E-03	1.64E-03
2793	387602.74, 3749309.85	4.316	7.318	6.813	2.10E-04	3.56E-04	3.32E-04	2.92E-04	4.95E-04	4.61E-04	1.03E-03	1.75E-03	1.63E-03
2794	387602.74, 3749334.85	4.283	7.277	6.779	2.09E-04	3.54E-04	3.30E-04	2.90E-04	4.92E-04	4.59E-04	1.03E-03	1.74E-03	1.62E-03
2795	387602.74, 3749359.85	4.242	7.234	6.741	2.07E-04	3.52E-04	3.28E-04	2.87E-04	4.89E-04	4.56E-04	1.02E-03	1.73E-03	1.62E-03
2796	387602.74, 3749384.85	4.202	7.19	6.69	2.05E-04	3.50E-04	3.26E-04	2.84E-04	4.86E-04	4.53E-04	1.01E-03	1.72E-03	1.60E-03
2797	387602.74, 3749409.85	4.165	7.143	6.651	2.03E-04	3.48E-04	3.24E-04	2.82E-04	4.83E-04	4.50E-04	9.98E-04	1.71E-03	1.59E-03
2798	387602.74, 3749434.85	4.127	7.097	6.61	2.01E-04	3.46E-04	3.22E-04	2.79E-04	4.80E-04	4.47E-04	9.89E-04	1.70E-03	1.58E-03
2799	387602.74, 3749459.85	4.092	7.05	6.571	1.99E-04	3.43E-04	3.20E-04	2.77E-04	4.77E-04	4.44E-04	9.81E-04	1.69E-03	1.57E-03
2800	387602.74, 3749484.85	4.062	7.008	6.533	1.98E-04	3.41E-04	3.18E-04	2.75E-04	4.74E-04	4.42E-04	9.74E-04	1.68E-03	1.57E-03
2801	387602.74, 3749509.85	4.036	6.977	6.493	1.96E-04	3.40E-04	3.16E-04	2.73E-04	4.72E-04	4.39E-04	9.67E-04	1.67E-03	1.56E-03
2802	387602.74, 3749534.85	4.009	6.943	6.449	1.95E-04	3.38E-04	3.14E-04	2.71E-04	4.70E-04	4.36E-04	9.61E-04	1.66E-03	1.55E-03
2803	387602.74, 3749559.85	3.982	6.903	6.405	1.94E-04	3.36E-04	3.12E-04	2.69E-04	4.67E-04	4.33E-04	9.54E-04	1.65E-03	1.54E-03
2804	387602.74, 3749584.85	3.952	6.856	6.36	1.92E-04	3.34E-04	3.10E-04	2.67E-04	4.64E-04	4.30E-04	9.47E-04	1.64E-03	1.52E-03
2805	387602.74, 3749609.85	3.919	6.805	6.315	1.91E-04	3.31E-04	3.07E-04	2.65E-04	4.60E-04	4.27E-04	9.39E-04	1.63E-03	1.51E-03
2806	387602.74, 3749634.85	3.885	6.746	6.271	1.89E-04	3.28E-04	3.05E-04	2.63E-04	4.56E-04	4.24E-04	9.31E-04	1.62E-03	1.50E-03
2807	387602.74, 3749659.85	3.856	6.708	6.228	1.88E-04	3.27E-04	3.03E-04	2.61E-04	4.54E-04	4.21E-04	9.24E-04	1.61E-03	1.49E-03
2808	387602.74, 3749684.85	3.825	6.664	6.192	1.86E-04	3.24E-04	3.01E-04	2.59E-04	4.51E-04	4.19E-04	9.17E-04	1.60E-03	1.48E-03
2809	387602.74, 3749709.85	3.799	6.629	6.159	1.85E-04	3.23E-04	3.00E-04	2.57E-04	4.48E-04	4.17E-04	9.10E-04	1.59E-03	1.48E-03
2810	387602.74, 3749734.85	3.768	6.585	6.124	1.83E-04	3.21E-04	2.98E-04	2.55E-04	4.45E-04	4.14E-04	9.03E-04	1.58E-03	1.47E-03
2811	387602.74, 3749759.85	3.735	6.529	6.089	1.82E-04	3.18E-04	2.96E-04	2.53E-04	4.42E-04	4.12E-04	8.95E-04	1.56E-03	1.46E-03
2812	387602.74, 3749784.85	3.71	6.489	6.062	1.81E-04	3.16E-04	2.95E-04	2.51E-04	4.39E-04	4.10E-04	8.89E-04	1.56E-03	1.45E-03
2813	387602.74, 3749809.85	3.674	6.427	6.016	1.79E-04	3.13E-04	2.93E-04	2.48E-04	4.35E-04	4.07E-04	8.80E-04	1.54E-03	1.44E-03
2814	387602.74, 3749834.85	3.641	6.371	5.965	1.77E-04	3.10E-04	2.90E-04	2.46E-04	4.31E-04	4.04E-04	8.73E-04	1.53E-03	1.43E-03
2815	387602.74, 3749859.85	3.603	6.312	5.907	1.75E-04	3.07E-04	2.88E-04	2.44E-04	4.27E-04	4.00E-04	8.64E-04	1.51E-03	1.42E-03
2816	387602.74, 3749884.85	3.566	6.253	5.848	1.74E-04	3.04E-04	2.85E-04	2.41E-04	4.23E-04	3.96E-04	8.55E-04	1.50E-03	1.40E-03
2817	387602.74, 3749909.85	3.536	6.204	5.795	1.72E-04	3.02E-04	2.82E-04	2.39E-04	4.20E-04	3.92E-04	8.47E-04	1.49E-03	1.39E-03
2818	387602.74, 3749934.85	3.494	6.132	5.713	1.70E-04	2.99E-04	2.78E-04	2.36E-04	4.15E-04	3.86E-04	8.37E-04	1.47E-03	1.37E-03
2819	387602.74, 3749959.85	3.465	6.083	5.664	1.69E-04	2.96E-04	2.76E-04	2.34E-04	4.11E-04	3.83E-04	8.31E-04	1.46E-03	1.36E-03
2820	387602.74, 3749984.85	3.437	6.041	5.619	1.67E-04	2.94E-04	2.74E-04	2.33E-04	4.09E-04	3.80E-04	8.24E-04	1.45E-03	1.35E-03
2821	387602.74, 3750009.85	3.406	5.995	5.57	1.66E-04	2.92E-04	2.71E-04	2.30E-04	4.06E-04	3.77E-04	8.16E-04	1.44E-03	1.34E-03
2822	387602.74, 3750034.85	3.357	5.908	5.501	1.63E-04	2.88E-04	2.68E-04	2.27E-04	4.00E-04	3.72E-04	8.04E-04	1.42E-03	1.32E-03
2823	387602.74, 3750059.85	3.323	5.853	5.45	1.62E-04	2.85E-04	2.65E-04	2.25E-04	3.96E-04	3.69E-04	7.96E-04	1.40E-03	1.31E-03
2824	387602.74, 3750084.85	3.308	5.831	5.422	1.61E-04	2.84E-04	2.64E-04	2.24E-04	3.94E-04	3.67E-04	7.93E-04	1.40E-03	1.30E-03

2825	387602.74, 3750109.85	3.28	5.787	5.38	1.60E-04	2.82E-04	2.62E-04	2.22E-04	3.91E-04	3.64E-04	7.86E-04	1.39E-03	1.29E-03
2826	387627.74, 3748984.85	3.455	5.727	5.311	1.68E-04	2.79E-04	2.59E-04	2.34E-04	3.87E-04	3.59E-04	8.28E-04	1.37E-03	1.27E-03
2827	387627.74, 3749009.85	3.646	5.978	5.532	1.78E-04	2.91E-04	2.69E-04	2.47E-04	4.04E-04	3.74E-04	8.74E-04	1.43E-03	1.33E-03
2828	387627.74, 3749034.85	3.77	6.165	5.716	1.84E-04	3.00E-04	2.78E-04	2.55E-04	4.17E-04	3.87E-04	9.04E-04	1.48E-03	1.37E-03
2829	387627.74, 3749059.85	3.845	6.305	5.828	1.87E-04	3.07E-04	2.84E-04	2.60E-04	4.27E-04	3.94E-04	9.22E-04	1.51E-03	1.40E-03
2830	387627.74, 3749084.85	3.891	6.406	5.902	1.89E-04	3.12E-04	2.87E-04	2.63E-04	4.33E-04	3.99E-04	9.33E-04	1.54E-03	1.41E-03
2831	387627.74, 3749109.85	3.915	6.471	5.964	1.91E-04	3.15E-04	2.90E-04	2.65E-04	4.38E-04	4.03E-04	9.38E-04	1.55E-03	1.43E-03
2832	387627.74, 3749134.85	3.928	6.519	6.016	1.91E-04	3.17E-04	2.93E-04	2.66E-04	4.41E-04	4.07E-04	9.41E-04	1.56E-03	1.44E-03
2833	387627.74, 3749159.85	3.929	6.546	6.048	1.91E-04	3.19E-04	2.94E-04	2.66E-04	4.43E-04	4.09E-04	9.42E-04	1.57E-03	1.45E-03
2834	387627.74, 3749184.85	3.922	6.557	6.07	1.91E-04	3.19E-04	2.96E-04	2.65E-04	4.44E-04	4.11E-04	9.40E-04	1.57E-03	1.45E-03
2835	387627.74, 3749209.85	3.909	6.554	6.079	1.90E-04	3.19E-04	2.96E-04	2.64E-04	4.43E-04	4.11E-04	9.37E-04	1.57E-03	1.46E-03
2836	387627.74, 3749234.85	3.892	6.554	6.08	1.89E-04	3.19E-04	2.96E-04	2.63E-04	4.43E-04	4.11E-04	9.33E-04	1.57E-03	1.46E-03
2837	387627.74, 3749259.85	3.872	6.548	6.074	1.89E-04	3.19E-04	2.96E-04	2.62E-04	4.43E-04	4.11E-04	9.28E-04	1.57E-03	1.46E-03
2838	387627.74, 3749284.85	3.851	6.536	6.062	1.87E-04	3.18E-04	2.95E-04	2.60E-04	4.42E-04	4.10E-04	9.23E-04	1.57E-03	1.45E-03
2839	387627.74, 3749309.85	3.828	6.519	6.048	1.86E-04	3.17E-04	2.94E-04	2.59E-04	4.41E-04	4.09E-04	9.18E-04	1.56E-03	1.45E-03
2840	387627.74, 3749334.85	3.803	6.498	6.031	1.85E-04	3.16E-04	2.94E-04	2.57E-04	4.40E-04	4.08E-04	9.12E-04	1.56E-03	1.45E-03
2841	387627.74, 3749359.85	3.777	6.476	6.016	1.84E-04	3.15E-04	2.93E-04	2.55E-04	4.38E-04	4.07E-04	9.05E-04	1.55E-03	1.44E-03
2842	387627.74, 3749384.85	3.751	6.449	5.983	1.83E-04	3.14E-04	2.91E-04	2.54E-04	4.36E-04	4.05E-04	8.99E-04	1.55E-03	1.43E-03
2843	387627.74, 3749409.85	3.723	6.424	5.94	1.81E-04	3.13E-04	2.89E-04	2.52E-04	4.35E-04	4.02E-04	8.92E-04	1.54E-03	1.42E-03
2844	387627.74, 3749434.85	3.699	6.393	5.92	1.80E-04	3.11E-04	2.88E-04	2.50E-04	4.32E-04	4.00E-04	8.87E-04	1.53E-03	1.42E-03
2845	387627.74, 3749459.85	3.676	6.36	5.898	1.79E-04	3.10E-04	2.87E-04	2.49E-04	4.30E-04	3.99E-04	8.81E-04	1.52E-03	1.41E-03
2846	387627.74, 3749484.85	3.655	6.331	5.874	1.78E-04	3.08E-04	2.86E-04	2.47E-04	4.28E-04	3.97E-04	8.76E-04	1.52E-03	1.41E-03
2847	387627.74, 3749509.85	3.635	6.312	5.847	1.77E-04	3.07E-04	2.85E-04	2.46E-04	4.27E-04	3.96E-04	8.71E-04	1.51E-03	1.40E-03
2848	387627.74, 3749534.85	3.618	6.293	5.82	1.76E-04	3.06E-04	2.83E-04	2.45E-04	4.26E-04	3.94E-04	8.67E-04	1.51E-03	1.39E-03
2849	387627.74, 3749559.85	3.599	6.267	5.79	1.75E-04	3.05E-04	2.82E-04	2.43E-04	4.24E-04	3.92E-04	8.63E-04	1.50E-03	1.39E-03
2850	387627.74, 3749584.85	3.579	6.236	5.76	1.74E-04	3.04E-04	2.80E-04	2.42E-04	4.22E-04	3.90E-04	8.58E-04	1.49E-03	1.38E-03
2851	387627.74, 3749609.85	3.561	6.205	5.763	1.73E-04	3.02E-04	2.81E-04	2.41E-04	4.20E-04	3.90E-04	8.54E-04	1.49E-03	1.38E-03
2852	387627.74, 3749634.85	3.535	6.168	5.733	1.72E-04	3.00E-04	2.79E-04	2.39E-04	4.17E-04	3.88E-04	8.47E-04	1.48E-03	1.37E-03
2853	387627.74, 3749659.85	3.511	6.131	5.667	1.71E-04	2.98E-04	2.76E-04	2.37E-04	4.15E-04	3.83E-04	8.41E-04	1.47E-03	1.36E-03
2854	387627.74, 3749684.85	3.493	6.111	5.698	1.70E-04	2.98E-04	2.77E-04	2.36E-04	4.13E-04	3.85E-04	8.37E-04	1.46E-03	1.37E-03
2855	387627.74, 3749709.85	3.469	6.077	5.666	1.69E-04	2.96E-04	2.76E-04	2.35E-04	4.11E-04	3.83E-04	8.31E-04	1.46E-03	1.36E-03
2856	387627.74, 3749734.85	3.449	6.044	5.654	1.68E-04	2.94E-04	2.75E-04	2.33E-04	4.09E-04	3.82E-04	8.27E-04	1.45E-03	1.36E-03
2857	387627.74, 3749759.85	3.425	6.008	5.618	1.67E-04	2.92E-04	2.74E-04	2.32E-04	4.06E-04	3.80E-04	8.21E-04	1.44E-03	1.35E-03
2858	387627.74, 3749784.85	3.399	5.964	5.579	1.65E-04	2.90E-04	2.72E-04	2.30E-04	4.03E-04	3.77E-04	8.15E-04	1.43E-03	1.34E-03
2859	387627.74, 3749809.85	3.372	5.917	5.535	1.64E-04	2.88E-04	2.69E-04	2.28E-04	4.00E-04	3.74E-04	8.08E-04	1.42E-03	1.33E-03
2860	387627.74, 3749834.85	3.348	5.878	5.494	1.63E-04	2.86E-04	2.67E-04	2.26E-04	3.98E-04	3.72E-04	8.02E-04	1.41E-03	1.32E-03
2861	387627.74, 3749859.85	3.316	5.825	5.443	1.61E-04	2.84E-04	2.65E-04	2.24E-04	3.94E-04	3.68E-04	7.95E-04	1.40E-03	1.30E-03
2862	387627.74, 3749884.85	3.288	5.78	5.396	1.60E-04	2.81E-04	2.63E-04	2.22E-04	3.91E-04	3.65E-04	7.88E-04	1.39E-03	1.29E-03
2863	387627.74, 3749909.85	3.26	5.734	5.349	1.59E-04	2.79E-04	2.60E-04	2.20E-04	3.88E-04	3.62E-04	7.81E-04	1.37E-03	1.28E-03
2864	387627.74, 3749934.85	3.225	5.676	5.277	1.57E-04	2.76E-04	2.57E-04	2.18E-04	3.84E-04	3.57E-04	7.73E-04	1.36E-03	1.26E-03
2865	387652.74, 3748984.85	2.959	4.999	4.644	1.44E-04	2.43E-04	2.26E-04	2.00E-04	3.38E-04	3.14E-04	7.09E-04	1.20E-03	1.11E-03

2866	387652.74, 3749009.85	3.139	5.226	4.825	1.53E-04	2.54E-04	2.35E-04	2.12E-04	3.54E-04	3.26E-04	7.52E-04	1.25E-03	1.16E-03
2867	387652.74, 3749034.85	3.267	5.402	4.997	1.59E-04	2.63E-04	2.43E-04	2.21E-04	3.65E-04	3.38E-04	7.83E-04	1.29E-03	1.20E-03
2868	387652.74, 3749059.85	3.352	5.54	5.125	1.63E-04	2.70E-04	2.50E-04	2.27E-04	3.75E-04	3.47E-04	8.03E-04	1.33E-03	1.23E-03
2869	387652.74, 3749084.85	3.407	5.648	5.202	1.66E-04	2.75E-04	2.53E-04	2.30E-04	3.82E-04	3.52E-04	8.17E-04	1.35E-03	1.25E-03
2870	387652.74, 3749109.85	3.443	5.726	5.258	1.68E-04	2.79E-04	2.56E-04	2.33E-04	3.87E-04	3.56E-04	8.25E-04	1.37E-03	1.26E-03
2871	387652.74, 3749134.85	3.464	5.783	5.308	1.69E-04	2.82E-04	2.58E-04	2.34E-04	3.91E-04	3.59E-04	8.30E-04	1.39E-03	1.27E-03
2872	387652.74, 3749159.85	3.475	5.82	5.354	1.69E-04	2.83E-04	2.61E-04	2.35E-04	3.94E-04	3.62E-04	8.33E-04	1.40E-03	1.28E-03
2873	387652.74, 3749184.85	3.479	5.846	5.386	1.69E-04	2.85E-04	2.62E-04	2.35E-04	3.95E-04	3.64E-04	8.34E-04	1.40E-03	1.29E-03
2874	387652.74, 3749209.85	3.477	5.861	5.408	1.69E-04	2.85E-04	2.63E-04	2.35E-04	3.96E-04	3.66E-04	8.33E-04	1.40E-03	1.30E-03
2875	387652.74, 3749234.85	3.469	5.867	5.422	1.69E-04	2.86E-04	2.64E-04	2.35E-04	3.97E-04	3.67E-04	8.31E-04	1.41E-03	1.30E-03
2876	387652.74, 3749259.85	3.457	5.875	5.429	1.68E-04	2.86E-04	2.64E-04	2.34E-04	3.97E-04	3.67E-04	8.29E-04	1.41E-03	1.30E-03
2877	387652.74, 3749284.85	3.444	5.877	5.432	1.68E-04	2.86E-04	2.64E-04	2.33E-04	3.98E-04	3.67E-04	8.26E-04	1.41E-03	1.30E-03
2878	387652.74, 3749309.85	3.43	5.875	5.43	1.67E-04	2.86E-04	2.64E-04	2.32E-04	3.97E-04	3.67E-04	8.22E-04	1.41E-03	1.30E-03
2879	387652.74, 3749334.85	3.413	5.871	5.429	1.66E-04	2.86E-04	2.64E-04	2.31E-04	3.97E-04	3.67E-04	8.18E-04	1.41E-03	1.30E-03
2880	387652.74, 3749359.85	3.398	5.86	5.422	1.65E-04	2.85E-04	2.64E-04	2.30E-04	3.96E-04	3.67E-04	8.14E-04	1.40E-03	1.30E-03
2881	387652.74, 3749384.85	3.383	5.845	5.405	1.65E-04	2.85E-04	2.63E-04	2.29E-04	3.95E-04	3.66E-04	8.11E-04	1.40E-03	1.30E-03
2882	387652.74, 3749409.85	3.365	5.834	5.375	1.64E-04	2.84E-04	2.62E-04	2.28E-04	3.95E-04	3.64E-04	8.06E-04	1.40E-03	1.29E-03
2883	387652.74, 3749434.85	3.349	5.813	5.354	1.63E-04	2.83E-04	2.61E-04	2.27E-04	3.93E-04	3.62E-04	8.03E-04	1.39E-03	1.28E-03
2884	387652.74, 3749459.85	3.334	5.793	5.343	1.62E-04	2.82E-04	2.60E-04	2.26E-04	3.92E-04	3.61E-04	7.99E-04	1.39E-03	1.28E-03
2885	387652.74, 3749484.85	3.319	5.774	5.329	1.62E-04	2.81E-04	2.59E-04	2.24E-04	3.91E-04	3.60E-04	7.95E-04	1.38E-03	1.28E-03
2886	387652.74, 3749509.85	3.307	5.762	5.315	1.61E-04	2.81E-04	2.59E-04	2.24E-04	3.90E-04	3.60E-04	7.93E-04	1.38E-03	1.27E-03
2887	387652.74, 3749534.85	3.296	5.752	5.299	1.60E-04	2.80E-04	2.58E-04	2.23E-04	3.89E-04	3.58E-04	7.90E-04	1.38E-03	1.27E-03
2888	387652.74, 3749559.85	3.283	5.737	5.28	1.60E-04	2.79E-04	2.57E-04	2.22E-04	3.88E-04	3.57E-04	7.87E-04	1.38E-03	1.27E-03
2889	387652.74, 3749584.85	3.269	5.718	5.26	1.59E-04	2.78E-04	2.56E-04	2.21E-04	3.87E-04	3.56E-04	7.84E-04	1.37E-03	1.26E-03
2890	387652.74, 3749609.85	3.262	5.702	5.266	1.59E-04	2.78E-04	2.56E-04	2.21E-04	3.86E-04	3.56E-04	7.82E-04	1.37E-03	1.26E-03
2891	387652.74, 3749634.85	3.242	5.674	5.261	1.58E-04	2.76E-04	2.56E-04	2.19E-04	3.84E-04	3.56E-04	7.77E-04	1.36E-03	1.26E-03
2892	387652.74, 3749659.85	3.224	5.646	5.222	1.57E-04	2.75E-04	2.54E-04	2.18E-04	3.82E-04	3.53E-04	7.73E-04	1.35E-03	1.25E-03
2893	387652.74, 3749684.85	3.218	5.643	5.265	1.57E-04	2.75E-04	2.56E-04	2.18E-04	3.82E-04	3.56E-04	7.71E-04	1.35E-03	1.26E-03
2894	387652.74, 3749709.85	3.198	5.615	5.241	1.56E-04	2.73E-04	2.55E-04	2.16E-04	3.80E-04	3.55E-04	7.67E-04	1.35E-03	1.26E-03
2895	387652.74, 3749734.85	3.173	5.577	5.18	1.54E-04	2.72E-04	2.52E-04	2.15E-04	3.77E-04	3.50E-04	7.60E-04	1.34E-03	1.24E-03
2896	387677.74, 3748984.85	2.58	4.436	4.135	1.26E-04	2.16E-04	2.01E-04	1.74E-04	3.00E-04	2.80E-04	6.18E-04	1.06E-03	9.91E-04
2897	387677.74, 3749009.85	2.746	4.642	4.284	1.34E-04	2.26E-04	2.09E-04	1.86E-04	3.14E-04	2.90E-04	6.58E-04	1.11E-03	1.03E-03
2898	387677.74, 3749034.85	2.871	4.806	4.434	1.40E-04	2.34E-04	2.16E-04	1.94E-04	3.25E-04	3.00E-04	6.88E-04	1.15E-03	1.06E-03
2899	387677.74, 3749059.85	2.959	4.933	4.559	1.44E-04	2.40E-04	2.22E-04	2.00E-04	3.34E-04	3.08E-04	7.09E-04	1.18E-03	1.09E-03
2900	387677.74, 3749084.85	3.021	5.039	4.652	1.47E-04	2.45E-04	2.26E-04	2.04E-04	3.41E-04	3.15E-04	7.24E-04	1.21E-03	1.11E-03
2901	387677.74, 3749109.85	3.062	5.121	4.712	1.49E-04	2.49E-04	2.29E-04	2.07E-04	3.46E-04	3.19E-04	7.34E-04	1.23E-03	1.13E-03
2902	387677.74, 3749134.85	3.09	5.183	4.758	1.50E-04	2.52E-04	2.32E-04	2.09E-04	3.51E-04	3.22E-04	7.41E-04	1.24E-03	1.14E-03
2903	387677.74, 3749159.85	3.108	5.229	4.795	1.51E-04	2.55E-04	2.33E-04	2.10E-04	3.54E-04	3.24E-04	7.45E-04	1.25E-03	1.15E-03
2904	387677.74, 3749184.85	3.12	5.265	4.833	1.52E-04	2.56E-04	2.35E-04	2.11E-04	3.56E-04	3.27E-04	7.48E-04	1.26E-03	1.16E-03
2905	387677.74, 3749209.85	3.124	5.287	4.863	1.52E-04	2.57E-04	2.37E-04	2.11E-04	3.58E-04	3.29E-04	7.49E-04	1.27E-03	1.17E-03
2906	387677.74, 3749234.85	3.125	5.304	4.885	1.52E-04	2.58E-04	2.38E-04	2.11E-04	3.59E-04	3.30E-04	7.49E-04	1.27E-03	1.17E-03

2907	387677.74, 3749259.85	3.121	5.323	4.902	1.52E-04	2.59E-04	2.39E-04	2.11E-04	3.60E-04	3.32E-04	7.48E-04	1.28E-03	1.17E-03
2908	387677.74, 3749284.85	3.115	5.335	4.913	1.52E-04	2.60E-04	2.39E-04	2.11E-04	3.61E-04	3.32E-04	7.47E-04	1.28E-03	1.18E-03
2909	387677.74, 3749309.85	3.109	5.341	4.923	1.51E-04	2.60E-04	2.40E-04	2.10E-04	3.61E-04	3.33E-04	7.45E-04	1.28E-03	1.18E-03
2910	387677.74, 3749334.85	3.103	5.341	4.929	1.51E-04	2.60E-04	2.40E-04	2.10E-04	3.61E-04	3.33E-04	7.44E-04	1.28E-03	1.18E-03
2911	387677.74, 3749359.85	3.089	5.346	4.933	1.50E-04	2.60E-04	2.40E-04	2.09E-04	3.62E-04	3.34E-04	7.40E-04	1.28E-03	1.18E-03
2912	387677.74, 3749384.85	3.079	5.341	4.923	1.50E-04	2.60E-04	2.40E-04	2.08E-04	3.61E-04	3.33E-04	7.38E-04	1.28E-03	1.18E-03
2913	387677.74, 3749409.85	3.07	5.332	4.912	1.49E-04	2.60E-04	2.39E-04	2.08E-04	3.61E-04	3.32E-04	7.36E-04	1.28E-03	1.18E-03
2914	387677.74, 3749434.85	3.061	5.322	4.898	1.49E-04	2.59E-04	2.38E-04	2.07E-04	3.60E-04	3.31E-04	7.34E-04	1.28E-03	1.17E-03
2915	387677.74, 3749459.85	3.051	5.308	4.881	1.49E-04	2.58E-04	2.38E-04	2.06E-04	3.59E-04	3.30E-04	7.31E-04	1.27E-03	1.17E-03
2916	387677.74, 3749484.85	3.043	5.301	4.876	1.48E-04	2.58E-04	2.37E-04	2.06E-04	3.59E-04	3.30E-04	7.29E-04	1.27E-03	1.17E-03
2917	387677.74, 3749509.85	3.027	5.278	4.858	1.47E-04	2.57E-04	2.37E-04	2.05E-04	3.57E-04	3.29E-04	7.26E-04	1.27E-03	1.16E-03
2918	387677.74, 3749534.85	3.018	5.271	4.844	1.47E-04	2.57E-04	2.36E-04	2.04E-04	3.57E-04	3.28E-04	7.23E-04	1.26E-03	1.16E-03
2919	387677.74, 3749559.85	3.001	5.25	4.824	1.46E-04	2.56E-04	2.35E-04	2.03E-04	3.55E-04	3.26E-04	7.19E-04	1.26E-03	1.16E-03
2920	387702.74, 3748984.85	2.283	3.988	3.708	1.11E-04	1.94E-04	1.81E-04	1.54E-04	2.70E-04	2.51E-04	5.47E-04	9.56E-04	8.89E-04
2921	387702.74, 3749009.85	2.427	4.165	3.848	1.18E-04	2.03E-04	1.87E-04	1.64E-04	2.82E-04	2.60E-04	5.82E-04	9.98E-04	9.22E-04
2922	387702.74, 3749034.85	2.54	4.309	3.971	1.24E-04	2.10E-04	1.93E-04	1.72E-04	2.92E-04	2.69E-04	6.09E-04	1.03E-03	9.52E-04
2923	387702.74, 3749059.85	2.636	4.44	4.081	1.28E-04	2.16E-04	1.99E-04	1.78E-04	3.00E-04	2.76E-04	6.32E-04	1.06E-03	9.78E-04
2924	387702.74, 3749084.85	2.703	4.542	4.164	1.32E-04	2.21E-04	2.03E-04	1.83E-04	3.07E-04	2.82E-04	6.48E-04	1.09E-03	9.98E-04
2925	387702.74, 3749109.85	2.753	4.633	4.228	1.34E-04	2.26E-04	2.06E-04	1.86E-04	3.13E-04	2.86E-04	6.60E-04	1.11E-03	1.01E-03
2926	387702.74, 3749134.85	2.786	4.7	4.287	1.36E-04	2.29E-04	2.09E-04	1.88E-04	3.18E-04	2.90E-04	6.68E-04	1.13E-03	1.03E-03
2927	387702.74, 3749159.85	2.811	4.755	4.339	1.37E-04	2.32E-04	2.11E-04	1.90E-04	3.22E-04	2.94E-04	6.74E-04	1.14E-03	1.04E-03
2928	387702.74, 3749184.85	2.829	4.799	4.384	1.38E-04	2.34E-04	2.13E-04	1.91E-04	3.25E-04	2.97E-04	6.78E-04	1.15E-03	1.05E-03
2929	387702.74, 3749209.85	2.84	4.831	4.42	1.38E-04	2.35E-04	2.15E-04	1.92E-04	3.27E-04	2.99E-04	6.81E-04	1.16E-03	1.06E-03
2930	387702.74, 3749234.85	2.846	4.855	4.448	1.39E-04	2.36E-04	2.17E-04	1.93E-04	3.28E-04	3.01E-04	6.82E-04	1.16E-03	1.07E-03
2931	387702.74, 3749259.85	2.85	4.874	4.47	1.39E-04	2.37E-04	2.18E-04	1.93E-04	3.30E-04	3.02E-04	6.83E-04	1.17E-03	1.07E-03
2932	387702.74, 3749284.85	2.85	4.885	4.486	1.39E-04	2.38E-04	2.18E-04	1.93E-04	3.30E-04	3.03E-04	6.83E-04	1.17E-03	1.08E-03
2933	387702.74, 3749309.85	2.85	4.897	4.496	1.39E-04	2.38E-04	2.19E-04	1.93E-04	3.31E-04	3.04E-04	6.83E-04	1.17E-03	1.08E-03
2934	387702.74, 3749334.85	2.846	4.899	4.501	1.39E-04	2.39E-04	2.19E-04	1.92E-04	3.31E-04	3.04E-04	6.82E-04	1.17E-03	1.08E-03
2935	387702.74, 3749359.85	2.84	4.899	4.504	1.38E-04	2.39E-04	2.19E-04	1.92E-04	3.31E-04	3.05E-04	6.81E-04	1.17E-03	1.08E-03
2936	387702.74, 3749384.85	2.832	4.895	4.504	1.38E-04	2.38E-04	2.19E-04	1.92E-04	3.31E-04	3.05E-04	6.79E-04	1.17E-03	1.08E-03
2937	387727.74, 3748984.85	2.044	3.622	3.367	9.95E-05	1.76E-04	1.64E-04	1.38E-04	2.45E-04	2.28E-04	4.90E-04	8.68E-04	8.07E-04
2938	387727.74, 3749009.85	2.178	3.788	3.512	1.06E-04	1.84E-04	1.71E-04	1.47E-04	2.56E-04	2.38E-04	5.22E-04	9.08E-04	8.42E-04
2939	387727.74, 3749034.85	2.29	3.928	3.612	1.11E-04	1.91E-04	1.76E-04	1.55E-04	2.66E-04	2.44E-04	5.49E-04	9.42E-04	8.66E-04
2940	387727.74, 3749059.85	2.375	4.043	3.715	1.16E-04	1.97E-04	1.81E-04	1.61E-04	2.73E-04	2.51E-04	5.69E-04	9.69E-04	8.90E-04
2941	387727.74, 3749084.85	2.446	4.139	3.817	1.19E-04	2.02E-04	1.86E-04	1.65E-04	2.80E-04	2.58E-04	5.86E-04	9.92E-04	9.15E-04
2942	387727.74, 3749109.85	2.496	4.22	3.887	1.22E-04	2.05E-04	1.89E-04	1.69E-04	2.85E-04	2.63E-04	5.98E-04	1.01E-03	9.32E-04
2943	387727.74, 3749134.85	2.533	4.29	3.935	1.23E-04	2.09E-04	1.92E-04	1.71E-04	2.90E-04	2.66E-04	6.07E-04	1.03E-03	9.43E-04
2944	387727.74, 3749159.85	2.56	4.345	3.974	1.25E-04	2.12E-04	1.93E-04	1.73E-04	2.94E-04	2.69E-04	6.14E-04	1.04E-03	9.52E-04
2945	387727.74, 3749184.85	2.575	4.377	4.014	1.25E-04	2.13E-04	1.95E-04	1.74E-04	2.96E-04	2.72E-04	6.17E-04	1.05E-03	9.62E-04
2946	387752.74, 3748984.85	1.849	3.319	3.082	9.00E-05	1.62E-04	1.50E-04	1.25E-04	2.24E-04	2.09E-04	4.43E-04	7.95E-04	7.39E-04
2947	387752.74, 3749009.85	1.969	3.468	3.223	9.59E-05	1.69E-04	1.57E-04	1.33E-04	2.35E-04	2.18E-04	4.72E-04	8.31E-04	7.73E-04

2948	387419.61, 3751582.97	2.997	5.183	4.686	1.46E-04	2.52E-04	2.28E-04	2.03E-04	3.51E-04	3.17E-04	7.18E-04	1.24E-03	1.12E-03
2949	387419.61, 3751632.97	2.883	4.972	4.507	1.40E-04	2.42E-04	2.19E-04	1.95E-04	3.36E-04	3.05E-04	6.91E-04	1.19E-03	1.08E-03
2950	387419.61, 3751682.97	2.767	4.753	4.378	1.35E-04	2.31E-04	2.13E-04	1.87E-04	3.21E-04	2.96E-04	6.63E-04	1.14E-03	1.05E-03
2951	387419.61, 3751732.97	2.637	4.528	4.197	1.28E-04	2.20E-04	2.04E-04	1.78E-04	3.06E-04	2.84E-04	6.32E-04	1.09E-03	1.01E-03
2952	387419.61, 3751782.97	2.49	4.287	3.914	1.21E-04	2.09E-04	1.91E-04	1.68E-04	2.90E-04	2.65E-04	5.97E-04	1.03E-03	9.38E-04
2953	387419.61, 3751832.97	2.319	4.024	3.722	1.13E-04	1.96E-04	1.81E-04	1.57E-04	2.72E-04	2.52E-04	5.56E-04	9.64E-04	8.92E-04
2954	387469.61, 3751182.97	3.223	5.686	5.204	1.57E-04	2.77E-04	2.53E-04	2.18E-04	3.85E-04	3.52E-04	7.72E-04	1.36E-03	1.25E-03
2955	387469.61, 3751232.97	3.145	5.541	5.056	1.53E-04	2.70E-04	2.46E-04	2.13E-04	3.75E-04	3.42E-04	7.54E-04	1.33E-03	1.21E-03
2956	387469.61, 3751282.97	3.072	5.405	4.927	1.50E-04	2.63E-04	2.40E-04	2.08E-04	3.66E-04	3.33E-04	7.36E-04	1.30E-03	1.18E-03
2957	387469.61, 3751332.97	2.989	5.254	4.79	1.46E-04	2.56E-04	2.33E-04	2.02E-04	3.55E-04	3.24E-04	7.16E-04	1.26E-03	1.15E-03
2958	387469.61, 3751382.97	2.907	5.104	4.633	1.42E-04	2.49E-04	2.26E-04	1.97E-04	3.45E-04	3.13E-04	6.97E-04	1.22E-03	1.11E-03
2959	387469.61, 3751432.97	2.83	4.962	4.481	1.38E-04	2.42E-04	2.18E-04	1.91E-04	3.36E-04	3.03E-04	6.78E-04	1.19E-03	1.07E-03
2960	387469.61, 3751482.97	2.748	4.806	4.342	1.34E-04	2.34E-04	2.11E-04	1.86E-04	3.25E-04	2.94E-04	6.59E-04	1.15E-03	1.04E-03
2961	387469.61, 3751532.97	2.664	4.644	4.19	1.30E-04	2.26E-04	2.04E-04	1.80E-04	3.14E-04	2.83E-04	6.38E-04	1.11E-03	1.00E-03
2962	387469.61, 3751582.97	2.576	4.473	4.057	1.25E-04	2.18E-04	1.98E-04	1.74E-04	3.03E-04	2.74E-04	6.17E-04	1.07E-03	9.72E-04
2963	387469.61, 3751632.97	2.479	4.287	3.935	1.21E-04	2.09E-04	1.92E-04	1.68E-04	2.90E-04	2.66E-04	5.94E-04	1.03E-03	9.43E-04
2964	387469.61, 3751682.97	2.382	4.121	3.803	1.16E-04	2.01E-04	1.85E-04	1.61E-04	2.79E-04	2.57E-04	5.71E-04	9.88E-04	9.12E-04
2965	387469.61, 3751732.97	2.278	3.95	3.597	1.11E-04	1.92E-04	1.75E-04	1.54E-04	2.67E-04	2.43E-04	5.46E-04	9.47E-04	8.62E-04
2966	387469.61, 3751782.97	2.155	3.757	3.429	1.05E-04	1.83E-04	1.67E-04	1.46E-04	2.54E-04	2.32E-04	5.17E-04	9.00E-04	8.22E-04
2967	387469.61, 3751832.97	2.016	3.542	3.264	9.81E-05	1.72E-04	1.59E-04	1.36E-04	2.40E-04	2.21E-04	4.83E-04	8.49E-04	7.82E-04
2968	387519.61, 3750832.97	3.231	5.721	5.286	1.57E-04	2.79E-04	2.57E-04	2.19E-04	3.87E-04	3.58E-04	7.75E-04	1.37E-03	1.27E-03
2969	387519.61, 3750882.97	3.163	5.606	5.163	1.54E-04	2.73E-04	2.51E-04	2.14E-04	3.79E-04	3.49E-04	7.58E-04	1.34E-03	1.24E-03
2970	387519.61, 3750932.97	3.085	5.47	5.043	1.50E-04	2.66E-04	2.46E-04	2.09E-04	3.70E-04	3.41E-04	7.39E-04	1.31E-03	1.21E-03
2971	387519.61, 3750982.97	3.02	5.358	4.92	1.47E-04	2.61E-04	2.40E-04	2.04E-04	3.62E-04	3.33E-04	7.24E-04	1.28E-03	1.18E-03
2972	387519.61, 3751032.97	2.96	5.253	4.819	1.44E-04	2.56E-04	2.35E-04	2.00E-04	3.55E-04	3.26E-04	7.09E-04	1.26E-03	1.15E-03
2973	387519.61, 3751082.97	2.9	5.139	4.718	1.41E-04	2.50E-04	2.30E-04	1.96E-04	3.48E-04	3.19E-04	6.95E-04	1.23E-03	1.13E-03
2974	387519.61, 3751132.97	2.837	5.028	4.592	1.38E-04	2.45E-04	2.24E-04	1.92E-04	3.40E-04	3.11E-04	6.80E-04	1.21E-03	1.10E-03
2975	387519.61, 3751182.97	2.782	4.927	4.479	1.35E-04	2.40E-04	2.18E-04	1.88E-04	3.33E-04	3.03E-04	6.67E-04	1.18E-03	1.07E-03
2976	387519.61, 3751232.97	2.72	4.811	4.36	1.32E-04	2.34E-04	2.12E-04	1.84E-04	3.25E-04	2.95E-04	6.52E-04	1.15E-03	1.05E-03
2977	387519.61, 3751282.97	2.658	4.695	4.272	1.29E-04	2.29E-04	2.08E-04	1.80E-04	3.18E-04	2.89E-04	6.37E-04	1.13E-03	1.02E-03
2978	387519.61, 3751332.97	2.592	4.567	4.134	1.26E-04	2.22E-04	2.01E-04	1.75E-04	3.09E-04	2.80E-04	6.21E-04	1.09E-03	9.91E-04
2979	387519.61, 3751382.97	2.527	4.448	4.016	1.23E-04	2.17E-04	1.96E-04	1.71E-04	3.01E-04	2.72E-04	6.06E-04	1.07E-03	9.62E-04
2980	387519.61, 3751432.97	2.464	4.333	3.9	1.20E-04	2.11E-04	1.90E-04	1.67E-04	2.93E-04	2.64E-04	5.91E-04	1.04E-03	9.35E-04
2981	387519.61, 3751482.97	2.397	4.205	3.813	1.17E-04	2.05E-04	1.86E-04	1.62E-04	2.84E-04	2.58E-04	5.75E-04	1.01E-03	9.14E-04
2982	387519.61, 3751532.97	2.331	4.077	3.711	1.13E-04	1.98E-04	1.81E-04	1.58E-04	2.76E-04	2.51E-04	5.59E-04	9.77E-04	8.90E-04
2983	387519.61, 3751582.97	2.255	3.925	3.603	1.10E-04	1.91E-04	1.75E-04	1.53E-04	2.66E-04	2.44E-04	5.41E-04	9.41E-04	8.64E-04
2984	387519.61, 3751632.97	2.179	3.785	3.469	1.06E-04	1.84E-04	1.69E-04	1.47E-04	2.56E-04	2.35E-04	5.22E-04	9.07E-04	8.31E-04
2985	387519.61, 3751682.97	2.097	3.654	3.31	1.02E-04	1.78E-04	1.61E-04	1.42E-04	2.47E-04	2.24E-04	5.03E-04	8.76E-04	7.93E-04
2986	387519.61, 3751732.97	2.005	3.511	3.176	9.76E-05	1.71E-04	1.55E-04	1.36E-04	2.38E-04	2.15E-04	4.81E-04	8.42E-04	7.61E-04
2987	387519.61, 3751782.97	1.904	3.354	3.073	9.27E-05	1.63E-04	1.50E-04	1.29E-04	2.27E-04	2.08E-04	4.56E-04	8.04E-04	7.36E-04
2988	387519.61, 3751832.97	1.789	3.173	2.928	8.71E-05	1.54E-04	1.43E-04	1.21E-04	2.15E-04	1.98E-04	4.29E-04	7.61E-04	7.02E-04

2989	387569.61, 3750432.97	3.219	5.713	5.299	1.57E-04	2.78E-04	2.58E-04	2.18E-04	3.86E-04	3.58E-04	7.72E-04	1.37E-03	1.27E-03
2990	387569.61, 3750482.97	3.162	5.614	5.193	1.54E-04	2.73E-04	2.53E-04	2.14E-04	3.80E-04	3.51E-04	7.58E-04	1.35E-03	1.24E-03
2991	387569.61, 3750532.97	3.11	5.523	5.104	1.51E-04	2.69E-04	2.49E-04	2.10E-04	3.74E-04	3.45E-04	7.45E-04	1.32E-03	1.22E-03
2992	387569.61, 3750582.97	3.055	5.426	5.007	1.49E-04	2.64E-04	2.44E-04	2.07E-04	3.67E-04	3.39E-04	7.32E-04	1.30E-03	1.20E-03
2993	387569.61, 3750632.97	3.015	5.361	4.952	1.47E-04	2.61E-04	2.41E-04	2.04E-04	3.63E-04	3.35E-04	7.23E-04	1.28E-03	1.19E-03
2994	387569.61, 3750682.97	2.945	5.24	4.839	1.43E-04	2.55E-04	2.36E-04	1.99E-04	3.54E-04	3.27E-04	7.06E-04	1.26E-03	1.16E-03
2995	387569.61, 3750732.97	2.906	5.164	4.797	1.41E-04	2.51E-04	2.34E-04	1.97E-04	3.49E-04	3.25E-04	6.96E-04	1.24E-03	1.15E-03
2996	387569.61, 3750782.97	2.852	5.071	4.708	1.39E-04	2.47E-04	2.29E-04	1.93E-04	3.43E-04	3.18E-04	6.84E-04	1.22E-03	1.13E-03
2997	387569.61, 3750832.97	2.796	4.974	4.586	1.36E-04	2.42E-04	2.23E-04	1.89E-04	3.36E-04	3.10E-04	6.70E-04	1.19E-03	1.10E-03
2998	387569.61, 3750882.97	2.748	4.888	4.491	1.34E-04	2.38E-04	2.19E-04	1.86E-04	3.31E-04	3.04E-04	6.59E-04	1.17E-03	1.08E-03
2999	387569.61, 3750932.97	2.693	4.789	4.398	1.31E-04	2.33E-04	2.14E-04	1.82E-04	3.24E-04	2.97E-04	6.45E-04	1.15E-03	1.05E-03
3000	387569.61, 3750982.97	2.637	4.692	4.306	1.28E-04	2.28E-04	2.10E-04	1.78E-04	3.17E-04	2.91E-04	6.32E-04	1.12E-03	1.03E-03
3001	387569.61, 3751032.97	2.587	4.606	4.222	1.26E-04	2.24E-04	2.06E-04	1.75E-04	3.12E-04	2.86E-04	6.20E-04	1.10E-03	1.01E-03
3002	387569.61, 3751082.97	2.539	4.517	4.129	1.24E-04	2.20E-04	2.01E-04	1.72E-04	3.06E-04	2.79E-04	6.09E-04	1.08E-03	9.90E-04
3003	387569.61, 3751132.97	2.491	4.429	4.033	1.21E-04	2.16E-04	1.96E-04	1.68E-04	3.00E-04	2.73E-04	5.97E-04	1.06E-03	9.67E-04
3004	387569.61, 3751182.97	2.441	4.342	3.941	1.19E-04	2.11E-04	1.92E-04	1.65E-04	2.94E-04	2.67E-04	5.85E-04	1.04E-03	9.44E-04
3005	387569.61, 3751232.97	2.396	4.256	3.858	1.17E-04	2.07E-04	1.88E-04	1.62E-04	2.88E-04	2.61E-04	5.74E-04	1.02E-03	9.25E-04
3006	387569.61, 3751282.97	2.346	4.16	3.775	1.14E-04	2.03E-04	1.84E-04	1.59E-04	2.81E-04	2.55E-04	5.62E-04	9.97E-04	9.05E-04
3007	387569.61, 3751332.97	2.291	4.049	3.671	1.12E-04	1.97E-04	1.79E-04	1.55E-04	2.74E-04	2.48E-04	5.49E-04	9.71E-04	8.80E-04
3008	387569.61, 3751382.97	2.236	3.949	3.571	1.09E-04	1.92E-04	1.74E-04	1.51E-04	2.67E-04	2.42E-04	5.36E-04	9.46E-04	8.56E-04
3009	387569.61, 3751432.97	2.181	3.848	3.483	1.06E-04	1.87E-04	1.70E-04	1.48E-04	2.60E-04	2.36E-04	5.23E-04	9.22E-04	8.35E-04
3010	387569.61, 3751482.97	2.13	3.748	3.417	1.04E-04	1.82E-04	1.66E-04	1.44E-04	2.54E-04	2.31E-04	5.11E-04	8.98E-04	8.19E-04
3011	387569.61, 3751532.97	2.07	3.63	3.313	1.01E-04	1.77E-04	1.61E-04	1.40E-04	2.46E-04	2.24E-04	4.96E-04	8.70E-04	7.94E-04
3012	387569.61, 3751582.97	2.007	3.503	3.196	9.77E-05	1.71E-04	1.56E-04	1.36E-04	2.37E-04	2.16E-04	4.81E-04	8.40E-04	7.66E-04
3013	387569.61, 3751632.97	1.941	3.39	3.071	9.45E-05	1.65E-04	1.50E-04	1.31E-04	2.29E-04	2.08E-04	4.65E-04	8.13E-04	7.36E-04
3014	387569.61, 3751682.97	1.869	3.279	2.974	9.10E-05	1.60E-04	1.45E-04	1.26E-04	2.22E-04	2.01E-04	4.48E-04	7.86E-04	7.13E-04
3015	387569.61, 3751732.97	1.791	3.16	2.873	8.72E-05	1.54E-04	1.40E-04	1.21E-04	2.14E-04	1.94E-04	4.29E-04	7.57E-04	6.89E-04
3016	387569.61, 3751782.97	1.704	3.028	2.777	8.30E-05	1.47E-04	1.35E-04	1.15E-04	2.05E-04	1.88E-04	4.08E-04	7.26E-04	6.66E-04
3017	387569.61, 3751832.97	1.608	2.875	2.657	7.83E-05	1.40E-04	1.29E-04	1.09E-04	1.95E-04	1.80E-04	3.85E-04	6.89E-04	6.37E-04
3018	387619.61, 3750082.97	3.142	5.545	5.142	1.53E-04	2.70E-04	2.50E-04	2.13E-04	3.75E-04	3.48E-04	7.53E-04	1.33E-03	1.23E-03
3019	387619.61, 3750132.97	3.097	5.478	5.07	1.51E-04	2.67E-04	2.47E-04	2.10E-04	3.71E-04	3.43E-04	7.42E-04	1.31E-03	1.22E-03
3020	387619.61, 3750182.97	3.045	5.394	4.978	1.48E-04	2.63E-04	2.42E-04	2.06E-04	3.65E-04	3.37E-04	7.30E-04	1.29E-03	1.19E-03
3021	387619.61, 3750232.97	2.962	5.252	4.843	1.44E-04	2.56E-04	2.36E-04	2.00E-04	3.55E-04	3.28E-04	7.10E-04	1.26E-03	1.16E-03
3022	387619.61, 3750282.97	2.919	5.19	4.793	1.42E-04	2.53E-04	2.33E-04	1.97E-04	3.51E-04	3.24E-04	7.00E-04	1.24E-03	1.15E-03
3023	387619.61, 3750332.97	2.885	5.128	4.748	1.40E-04	2.50E-04	2.31E-04	1.95E-04	3.47E-04	3.21E-04	6.92E-04	1.23E-03	1.14E-03
3024	387619.61, 3750382.97	2.847	5.07	4.688	1.39E-04	2.47E-04	2.28E-04	1.93E-04	3.43E-04	3.17E-04	6.82E-04	1.22E-03	1.12E-03
3025	387619.61, 3750432.97	2.796	4.988	4.606	1.36E-04	2.43E-04	2.24E-04	1.89E-04	3.37E-04	3.12E-04	6.70E-04	1.20E-03	1.10E-03
3026	387619.61, 3750482.97	2.746	4.9	4.505	1.34E-04	2.39E-04	2.19E-04	1.86E-04	3.31E-04	3.05E-04	6.58E-04	1.17E-03	1.08E-03
3027	387619.61, 3750532.97	2.711	4.838	4.442	1.32E-04	2.36E-04	2.16E-04	1.83E-04	3.27E-04	3.00E-04	6.50E-04	1.16E-03	1.06E-03
3028	387619.61, 3750582.97	2.664	4.753	4.363	1.30E-04	2.31E-04	2.12E-04	1.80E-04	3.22E-04	2.95E-04	6.38E-04	1.14E-03	1.05E-03
3029	387619.61, 3750632.97	2.645	4.719	4.34	1.29E-04	2.30E-04	2.11E-04	1.79E-04	3.19E-04	2.94E-04	6.34E-04	1.13E-03	1.04E-03

3030	387619.61, 3750682.97	2.591	4.627	4.251	1.26E-04	2.25E-04	2.07E-04	1.75E-04	3.13E-04	2.88E-04	6.21E-04	1.11E-03	1.02E-03
3031	387619.61, 3750732.97	2.554	4.555	4.201	1.24E-04	2.22E-04	2.05E-04	1.73E-04	3.08E-04	2.84E-04	6.12E-04	1.09E-03	1.01E-03
3032	387619.61, 3750782.97	2.511	4.478	4.124	1.22E-04	2.18E-04	2.01E-04	1.70E-04	3.03E-04	2.79E-04	6.02E-04	1.07E-03	9.88E-04
3033	387619.61, 3750832.97	2.469	4.407	4.043	1.20E-04	2.15E-04	1.97E-04	1.67E-04	2.98E-04	2.74E-04	5.92E-04	1.06E-03	9.69E-04
3034	387619.61, 3750882.97	2.427	4.332	3.961	1.18E-04	2.11E-04	1.93E-04	1.64E-04	2.93E-04	2.68E-04	5.82E-04	1.04E-03	9.49E-04
3035	387619.61, 3750932.97	2.385	4.255	3.885	1.16E-04	2.07E-04	1.89E-04	1.61E-04	2.88E-04	2.63E-04	5.72E-04	1.02E-03	9.31E-04
3036	387619.61, 3750982.97	2.342	4.178	3.808	1.14E-04	2.03E-04	1.85E-04	1.58E-04	2.83E-04	2.58E-04	5.61E-04	1.00E-03	9.13E-04
3037	387619.61, 3751032.97	2.303	4.108	3.74	1.12E-04	2.00E-04	1.82E-04	1.56E-04	2.78E-04	2.53E-04	5.52E-04	9.85E-04	8.96E-04
3038	387619.61, 3751082.97	2.258	4.03	3.672	1.10E-04	1.96E-04	1.79E-04	1.53E-04	2.73E-04	2.48E-04	5.41E-04	9.66E-04	8.80E-04
3039	387619.61, 3751132.97	2.224	3.959	3.582	1.08E-04	1.93E-04	1.74E-04	1.50E-04	2.68E-04	2.42E-04	5.33E-04	9.49E-04	8.58E-04
3040	387619.61, 3751182.97	2.184	3.889	3.511	1.06E-04	1.89E-04	1.71E-04	1.48E-04	2.63E-04	2.38E-04	5.23E-04	9.32E-04	8.42E-04
3041	387619.61, 3751232.97	2.143	3.812	3.435	1.04E-04	1.86E-04	1.67E-04	1.45E-04	2.58E-04	2.32E-04	5.14E-04	9.14E-04	8.23E-04
3042	387619.61, 3751282.97	2.096	3.723	3.365	1.02E-04	1.81E-04	1.64E-04	1.42E-04	2.52E-04	2.28E-04	5.02E-04	8.92E-04	8.07E-04
3043	387619.61, 3751332.97	2.055	3.639	3.278	1.00E-04	1.77E-04	1.60E-04	1.39E-04	2.46E-04	2.22E-04	4.92E-04	8.72E-04	7.86E-04
3044	387619.61, 3751382.97	2.008	3.549	3.218	9.78E-05	1.73E-04	1.57E-04	1.36E-04	2.40E-04	2.18E-04	4.81E-04	8.51E-04	7.71E-04
3045	387619.61, 3751432.97	1.96	3.46	3.148	9.55E-05	1.68E-04	1.53E-04	1.33E-04	2.34E-04	2.13E-04	4.70E-04	8.29E-04	7.55E-04
3046	387619.61, 3751482.97	1.912	3.368	3.059	9.31E-05	1.64E-04	1.49E-04	1.29E-04	2.28E-04	2.07E-04	4.58E-04	8.07E-04	7.33E-04
3047	387619.61, 3751532.97	1.861	3.268	2.963	9.06E-05	1.59E-04	1.44E-04	1.26E-04	2.21E-04	2.00E-04	4.46E-04	7.83E-04	7.10E-04
3048	387619.61, 3751582.97	1.807	3.167	2.879	8.80E-05	1.54E-04	1.40E-04	1.22E-04	2.14E-04	1.95E-04	4.33E-04	7.59E-04	6.90E-04
3049	387619.61, 3751632.97	1.748	3.071	2.798	8.51E-05	1.50E-04	1.36E-04	1.18E-04	2.08E-04	1.89E-04	4.19E-04	7.36E-04	6.71E-04
3050	387619.61, 3751682.97	1.685	2.976	2.698	8.21E-05	1.45E-04	1.31E-04	1.14E-04	2.01E-04	1.82E-04	4.04E-04	7.13E-04	6.47E-04
3051	387619.61, 3751732.97	1.616	2.873	2.636	7.87E-05	1.40E-04	1.28E-04	1.09E-04	1.94E-04	1.78E-04	3.87E-04	6.89E-04	6.32E-04
3052	387619.61, 3751782.97	1.541	2.76	2.546	7.51E-05	1.34E-04	1.24E-04	1.04E-04	1.87E-04	1.72E-04	3.69E-04	6.62E-04	6.10E-04
3053	387619.61, 3751832.97	1.459	2.628	2.433	7.10E-05	1.28E-04	1.18E-04	9.87E-05	1.78E-04	1.65E-04	3.50E-04	6.30E-04	5.83E-04
3054	387669.61, 3749682.97	3.031	5.322	4.882	1.48E-04	2.59E-04	2.38E-04	2.05E-04	3.60E-04	3.30E-04	7.27E-04	1.28E-03	1.17E-03
3055	387669.61, 3749732.97	2.998	5.271	4.838	1.46E-04	2.57E-04	2.36E-04	2.03E-04	3.57E-04	3.27E-04	7.18E-04	1.26E-03	1.16E-03
3056	387669.61, 3749782.97	2.947	5.19	4.751	1.43E-04	2.53E-04	2.31E-04	1.99E-04	3.51E-04	3.21E-04	7.06E-04	1.24E-03	1.14E-03
3057	387669.61, 3749832.97	2.9	5.113	4.715	1.41E-04	2.49E-04	2.30E-04	1.96E-04	3.46E-04	3.19E-04	6.95E-04	1.23E-03	1.13E-03
3058	387669.61, 3749882.97	2.855	5.039	4.672	1.39E-04	2.45E-04	2.27E-04	1.93E-04	3.41E-04	3.16E-04	6.84E-04	1.21E-03	1.12E-03
3059	387669.61, 3749932.97	2.815	4.981	4.608	1.37E-04	2.43E-04	2.24E-04	1.90E-04	3.37E-04	3.12E-04	6.75E-04	1.19E-03	1.10E-03
3060	387669.61, 3749982.97	2.775	4.91	4.549	1.35E-04	2.39E-04	2.21E-04	1.88E-04	3.32E-04	3.08E-04	6.65E-04	1.18E-03	1.09E-03
3061	387669.61, 3750032.97	2.745	4.86	4.494	1.34E-04	2.37E-04	2.19E-04	1.86E-04	3.29E-04	3.04E-04	6.58E-04	1.16E-03	1.08E-03
3062	387669.61, 3750082.97	2.699	4.787	4.42	1.31E-04	2.33E-04	2.15E-04	1.83E-04	3.24E-04	2.99E-04	6.47E-04	1.15E-03	1.06E-03
3063	387669.61, 3750132.97	2.661	4.725	4.36	1.30E-04	2.30E-04	2.12E-04	1.80E-04	3.20E-04	2.95E-04	6.38E-04	1.13E-03	1.04E-03
3064	387669.61, 3750182.97	2.637	4.691	4.309	1.28E-04	2.28E-04	2.10E-04	1.78E-04	3.17E-04	2.92E-04	6.32E-04	1.12E-03	1.03E-03
3065	387669.61, 3750232.97	2.617	4.659	4.282	1.27E-04	2.27E-04	2.08E-04	1.77E-04	3.15E-04	2.90E-04	6.27E-04	1.12E-03	1.03E-03
3066	387669.61, 3750282.97	2.583	4.6	4.23	1.26E-04	2.24E-04	2.06E-04	1.75E-04	3.11E-04	2.86E-04	6.19E-04	1.10E-03	1.01E-03
3067	387669.61, 3750332.97	2.542	4.533	4.18	1.24E-04	2.21E-04	2.04E-04	1.72E-04	3.07E-04	2.83E-04	6.09E-04	1.09E-03	1.00E-03
3068	387669.61, 3750382.97	2.505	4.474	4.132	1.22E-04	2.18E-04	2.01E-04	1.69E-04	3.03E-04	2.80E-04	6.00E-04	1.07E-03	9.90E-04
3069	387669.61, 3750432.97	2.471	4.42	4.072	1.20E-04	2.15E-04	1.98E-04	1.67E-04	2.99E-04	2.75E-04	5.92E-04	1.06E-03	9.76E-04
3070	387669.61, 3750482.97	2.434	4.357	3.99	1.19E-04	2.12E-04	1.94E-04	1.65E-04	2.95E-04	2.70E-04	5.83E-04	1.04E-03	9.56E-04

3071	387669.61, 3750532.97	2.407	4.31	3.955	1.17E-04	2.10E-04	1.93E-04	1.63E-04	2.92E-04	2.68E-04	5.77E-04	1.03E-03	9.48E-04
3072	387669.61, 3750582.97	2.37	4.245	3.888	1.15E-04	2.07E-04	1.89E-04	1.60E-04	2.87E-04	2.63E-04	5.68E-04	1.02E-03	9.32E-04
3073	387669.61, 3750632.97	2.343	4.196	3.843	1.14E-04	2.04E-04	1.87E-04	1.58E-04	2.84E-04	2.60E-04	5.62E-04	1.01E-03	9.21E-04
3074	387669.61, 3750682.97	2.316	4.145	3.796	1.13E-04	2.02E-04	1.85E-04	1.57E-04	2.80E-04	2.57E-04	5.55E-04	9.93E-04	9.10E-04
3075	387669.61, 3750732.97	2.283	4.08	3.727	1.11E-04	1.99E-04	1.81E-04	1.54E-04	2.76E-04	2.52E-04	5.47E-04	9.78E-04	8.93E-04
3076	387669.61, 3750782.97	2.246	4.017	3.664	1.09E-04	1.96E-04	1.78E-04	1.52E-04	2.72E-04	2.48E-04	5.38E-04	9.63E-04	8.78E-04
3077	387669.61, 3750832.97	2.21	3.95	3.608	1.08E-04	1.92E-04	1.76E-04	1.49E-04	2.67E-04	2.44E-04	5.30E-04	9.47E-04	8.65E-04
3078	387669.61, 3750882.97	2.174	3.886	3.541	1.06E-04	1.89E-04	1.72E-04	1.47E-04	2.63E-04	2.39E-04	5.21E-04	9.31E-04	8.49E-04
3079	387669.61, 3750932.97	2.14	3.823	3.477	1.04E-04	1.86E-04	1.69E-04	1.45E-04	2.59E-04	2.35E-04	5.13E-04	9.16E-04	8.33E-04
3080	387669.61, 3750982.97	2.106	3.762	3.418	1.03E-04	1.83E-04	1.66E-04	1.42E-04	2.54E-04	2.31E-04	5.05E-04	9.02E-04	8.19E-04
3081	387669.61, 3751032.97	2.072	3.701	3.36	1.01E-04	1.80E-04	1.64E-04	1.40E-04	2.50E-04	2.27E-04	4.97E-04	8.87E-04	8.05E-04
3082	387669.61, 3751082.97	2.038	3.639	3.298	9.92E-05	1.77E-04	1.61E-04	1.38E-04	2.46E-04	2.23E-04	4.88E-04	8.72E-04	7.90E-04
3083	387669.61, 3751132.97	2.005	3.575	3.228	9.76E-05	1.74E-04	1.57E-04	1.36E-04	2.42E-04	2.18E-04	4.81E-04	8.57E-04	7.74E-04
3084	387669.61, 3751182.97	1.97	3.511	3.161	9.59E-05	1.71E-04	1.54E-04	1.33E-04	2.37E-04	2.14E-04	4.72E-04	8.41E-04	7.58E-04
3085	387669.61, 3751232.97	1.934	3.445	3.101	9.42E-05	1.68E-04	1.51E-04	1.31E-04	2.33E-04	2.10E-04	4.64E-04	8.26E-04	7.43E-04
3086	387669.61, 3751282.97	1.893	3.368	3.035	9.21E-05	1.64E-04	1.48E-04	1.28E-04	2.28E-04	2.05E-04	4.54E-04	8.07E-04	7.27E-04
3087	387669.61, 3751332.97	1.854	3.287	2.973	9.03E-05	1.60E-04	1.45E-04	1.25E-04	2.22E-04	2.01E-04	4.44E-04	7.88E-04	7.13E-04
3088	387669.61, 3751382.97	1.813	3.214	2.903	8.83E-05	1.56E-04	1.41E-04	1.23E-04	2.17E-04	1.96E-04	4.34E-04	7.70E-04	6.96E-04
3089	387669.61, 3751432.97	1.777	3.145	2.83	8.65E-05	1.53E-04	1.38E-04	1.20E-04	2.13E-04	1.91E-04	4.26E-04	7.54E-04	6.78E-04
3090	387669.61, 3751482.97	1.735	3.064	2.753	8.45E-05	1.49E-04	1.34E-04	1.17E-04	2.07E-04	1.86E-04	4.16E-04	7.34E-04	6.60E-04
3091	387669.61, 3751532.97	1.69	2.978	2.697	8.23E-05	1.45E-04	1.31E-04	1.14E-04	2.01E-04	1.82E-04	4.05E-04	7.14E-04	6.46E-04
3092	387669.61, 3751582.97	1.643	2.892	2.631	8.00E-05	1.41E-04	1.28E-04	1.11E-04	1.96E-04	1.78E-04	3.94E-04	6.93E-04	6.31E-04
3093	387669.61, 3751632.97	1.592	2.81	2.54	7.75E-05	1.37E-04	1.24E-04	1.08E-04	1.90E-04	1.72E-04	3.82E-04	6.74E-04	6.09E-04
3094	387669.61, 3751682.97	1.536	2.726	2.492	7.48E-05	1.33E-04	1.21E-04	1.04E-04	1.84E-04	1.69E-04	3.68E-04	6.53E-04	5.97E-04
3095	387669.61, 3751732.97	1.476	2.638	2.414	7.18E-05	1.28E-04	1.18E-04	9.98E-05	1.78E-04	1.63E-04	3.54E-04	6.32E-04	5.79E-04
3096	387669.61, 3751782.97	1.409	2.539	2.351	6.86E-05	1.24E-04	1.14E-04	9.53E-05	1.72E-04	1.59E-04	3.38E-04	6.08E-04	5.64E-04
3097	387719.61, 3749332.97	2.679	4.643	4.261	1.30E-04	2.26E-04	2.07E-04	1.81E-04	3.14E-04	2.88E-04	6.42E-04	1.11E-03	1.02E-03
3098	387719.61, 3749382.97	2.673	4.663	4.275	1.30E-04	2.27E-04	2.08E-04	1.81E-04	3.15E-04	2.89E-04	6.41E-04	1.12E-03	1.02E-03
3099	387719.61, 3749432.97	2.667	4.663	4.267	1.30E-04	2.27E-04	2.08E-04	1.80E-04	3.15E-04	2.89E-04	6.39E-04	1.12E-03	1.02E-03
3100	387719.61, 3749482.97	2.66	4.657	4.256	1.30E-04	2.27E-04	2.07E-04	1.80E-04	3.15E-04	2.88E-04	6.38E-04	1.12E-03	1.02E-03
3101	387719.61, 3749532.97	2.653	4.663	4.258	1.29E-04	2.27E-04	2.07E-04	1.79E-04	3.15E-04	2.88E-04	6.36E-04	1.12E-03	1.02E-03
3102	387719.61, 3749582.97	2.664	4.688	4.295	1.30E-04	2.28E-04	2.09E-04	1.80E-04	3.17E-04	2.91E-04	6.38E-04	1.12E-03	1.03E-03
3103	387719.61, 3749632.97	2.656	4.681	4.323	1.29E-04	2.28E-04	2.10E-04	1.80E-04	3.17E-04	2.92E-04	6.37E-04	1.12E-03	1.04E-03
3104	387719.61, 3749682.97	2.632	4.644	4.283	1.28E-04	2.26E-04	2.09E-04	1.78E-04	3.14E-04	2.90E-04	6.31E-04	1.11E-03	1.03E-03
3105	387719.61, 3749732.97	2.621	4.632	4.289	1.28E-04	2.26E-04	2.09E-04	1.77E-04	3.13E-04	2.90E-04	6.28E-04	1.11E-03	1.03E-03
3106	387719.61, 3749782.97	2.601	4.605	4.268	1.27E-04	2.24E-04	2.08E-04	1.76E-04	3.12E-04	2.89E-04	6.23E-04	1.10E-03	1.02E-03
3107	387719.61, 3749832.97	2.57	4.546	4.219	1.25E-04	2.21E-04	2.05E-04	1.74E-04	3.08E-04	2.85E-04	6.16E-04	1.09E-03	1.01E-03
3108	387719.61, 3749882.97	2.538	4.489	4.164	1.24E-04	2.19E-04	2.03E-04	1.72E-04	3.04E-04	2.82E-04	6.08E-04	1.08E-03	9.98E-04
3109	387719.61, 3749932.97	2.512	4.451	4.116	1.22E-04	2.17E-04	2.00E-04	1.70E-04	3.01E-04	2.78E-04	6.02E-04	1.07E-03	9.86E-04
3110	387719.61, 3749982.97	2.488	4.413	4.076	1.21E-04	2.15E-04	1.98E-04	1.68E-04	2.99E-04	2.76E-04	5.96E-04	1.06E-03	9.77E-04
3111	387719.61, 3750032.97	2.446	4.343	4.007	1.19E-04	2.11E-04	1.95E-04	1.65E-04	2.94E-04	2.71E-04	5.86E-04	1.04E-03	9.60E-04

3112	387719.61, 3750082.97	2.412	4.287	3.956	1.17E-04	2.09E-04	1.93E-04	1.63E-04	2.90E-04	2.68E-04	5.78E-04	1.03E-03	9.48E-04
3113	387719.61, 3750132.97	2.373	4.226	3.891	1.16E-04	2.06E-04	1.89E-04	1.61E-04	2.86E-04	2.63E-04	5.69E-04	1.01E-03	9.33E-04
3114	387719.61, 3750182.97	2.348	4.187	3.854	1.14E-04	2.04E-04	1.88E-04	1.59E-04	2.83E-04	2.61E-04	5.63E-04	1.00E-03	9.24E-04
3115	387719.61, 3750232.97	2.318	4.139	3.805	1.13E-04	2.02E-04	1.85E-04	1.57E-04	2.80E-04	2.57E-04	5.56E-04	9.92E-04	9.12E-04
3116	387719.61, 3750282.97	2.294	4.098	3.769	1.12E-04	2.00E-04	1.83E-04	1.55E-04	2.77E-04	2.55E-04	5.50E-04	9.82E-04	9.03E-04
3117	387719.61, 3750332.97	2.265	4.048	3.727	1.10E-04	1.97E-04	1.81E-04	1.53E-04	2.74E-04	2.52E-04	5.43E-04	9.70E-04	8.93E-04
3118	387719.61, 3750382.97	2.242	4.01	3.691	1.09E-04	1.95E-04	1.80E-04	1.52E-04	2.71E-04	2.50E-04	5.37E-04	9.61E-04	8.85E-04
3119	387719.61, 3750432.97	2.213	3.965	3.646	1.08E-04	1.93E-04	1.78E-04	1.50E-04	2.68E-04	2.47E-04	5.30E-04	9.50E-04	8.74E-04
3120	387719.61, 3750482.97	2.18	3.913	3.576	1.06E-04	1.91E-04	1.74E-04	1.47E-04	2.65E-04	2.42E-04	5.23E-04	9.38E-04	8.57E-04
3121	387719.61, 3750532.97	2.16	3.878	3.546	1.05E-04	1.89E-04	1.73E-04	1.46E-04	2.62E-04	2.40E-04	5.18E-04	9.30E-04	8.50E-04
3122	387719.61, 3750582.97	2.134	3.833	3.499	1.04E-04	1.87E-04	1.70E-04	1.44E-04	2.59E-04	2.37E-04	5.12E-04	9.19E-04	8.39E-04
3123	387719.61, 3750632.97	2.11	3.787	3.457	1.03E-04	1.84E-04	1.68E-04	1.43E-04	2.56E-04	2.34E-04	5.06E-04	9.08E-04	8.29E-04
3124	387719.61, 3750682.97	2.086	3.742	3.416	1.02E-04	1.82E-04	1.66E-04	1.41E-04	2.53E-04	2.31E-04	5.00E-04	8.97E-04	8.19E-04
3125	387719.61, 3750732.97	2.06	3.686	3.354	1.00E-04	1.79E-04	1.63E-04	1.39E-04	2.49E-04	2.27E-04	4.94E-04	8.83E-04	8.04E-04
3126	387719.61, 3750782.97	2.031	3.633	3.301	9.89E-05	1.77E-04	1.61E-04	1.37E-04	2.46E-04	2.23E-04	4.87E-04	8.71E-04	7.91E-04
3127	387719.61, 3750832.97	1.999	3.578	3.248	9.73E-05	1.74E-04	1.58E-04	1.35E-04	2.42E-04	2.20E-04	4.79E-04	8.58E-04	7.79E-04
3128	387719.61, 3750882.97	1.969	3.523	3.197	9.58E-05	1.72E-04	1.56E-04	1.33E-04	2.38E-04	2.16E-04	4.72E-04	8.44E-04	7.66E-04
3129	387719.61, 3750932.97	1.941	3.472	3.147	9.45E-05	1.69E-04	1.53E-04	1.31E-04	2.35E-04	2.13E-04	4.65E-04	8.32E-04	7.54E-04
3130	387719.61, 3750982.97	1.913	3.42	3.096	9.32E-05	1.67E-04	1.51E-04	1.29E-04	2.31E-04	2.09E-04	4.59E-04	8.20E-04	7.42E-04
3131	387719.61, 3751032.97	1.881	3.362	3.042	9.16E-05	1.64E-04	1.48E-04	1.27E-04	2.27E-04	2.06E-04	4.51E-04	8.06E-04	7.29E-04
3132	387719.61, 3751082.97	1.851	3.308	2.988	9.01E-05	1.61E-04	1.45E-04	1.25E-04	2.24E-04	2.02E-04	4.44E-04	7.93E-04	7.16E-04
3133	387719.61, 3751132.97	1.824	3.255	2.932	8.88E-05	1.58E-04	1.43E-04	1.23E-04	2.20E-04	1.98E-04	4.37E-04	7.80E-04	7.03E-04
3134	387719.61, 3751182.97	1.793	3.198	2.891	8.73E-05	1.56E-04	1.41E-04	1.21E-04	2.16E-04	1.96E-04	4.30E-04	7.67E-04	6.93E-04
3135	387719.61, 3751232.97	1.762	3.139	2.844	8.58E-05	1.53E-04	1.38E-04	1.19E-04	2.12E-04	1.92E-04	4.22E-04	7.52E-04	6.82E-04
3136	387719.61, 3751282.97	1.725	3.068	2.768	8.40E-05	1.49E-04	1.35E-04	1.17E-04	2.08E-04	1.87E-04	4.13E-04	7.35E-04	6.64E-04
3137	387719.61, 3751332.97	1.691	3.001	2.7	8.23E-05	1.46E-04	1.31E-04	1.14E-04	2.03E-04	1.83E-04	4.05E-04	7.19E-04	6.47E-04
3138	387769.61, 3748982.97	1.728	3.131	2.904	8.41E-05	1.52E-04	1.41E-04	1.17E-04	2.12E-04	1.96E-04	4.14E-04	7.50E-04	6.96E-04
3139	387769.61, 3749032.97	1.935	3.392	3.136	9.42E-05	1.65E-04	1.53E-04	1.31E-04	2.29E-04	2.12E-04	4.64E-04	8.13E-04	7.52E-04
3140	387769.61, 3749082.97	2.089	3.59	3.295	1.02E-04	1.75E-04	1.60E-04	1.41E-04	2.43E-04	2.23E-04	5.01E-04	8.60E-04	7.90E-04
3141	387769.61, 3749132.97	2.185	3.728	3.432	1.06E-04	1.81E-04	1.67E-04	1.48E-04	2.52E-04	2.32E-04	5.24E-04	8.93E-04	8.23E-04
3142	387769.61, 3749182.97	2.241	3.831	3.505	1.09E-04	1.87E-04	1.71E-04	1.52E-04	2.59E-04	2.37E-04	5.37E-04	9.18E-04	8.40E-04
3143	387769.61, 3749232.97	2.271	3.898	3.559	1.11E-04	1.90E-04	1.73E-04	1.54E-04	2.64E-04	2.41E-04	5.44E-04	9.34E-04	8.53E-04
3144	387769.61, 3749282.97	2.289	3.963	3.608	1.11E-04	1.93E-04	1.76E-04	1.55E-04	2.68E-04	2.44E-04	5.49E-04	9.50E-04	8.65E-04
3145	387769.61, 3749332.97	2.301	4.003	3.657	1.12E-04	1.95E-04	1.78E-04	1.56E-04	2.71E-04	2.47E-04	5.52E-04	9.59E-04	8.76E-04
3146	387769.61, 3749382.97	2.306	4.033	3.689	1.12E-04	1.96E-04	1.80E-04	1.56E-04	2.73E-04	2.50E-04	5.53E-04	9.67E-04	8.84E-04
3147	387769.61, 3749432.97	2.31	4.047	3.695	1.12E-04	1.97E-04	1.80E-04	1.56E-04	2.74E-04	2.50E-04	5.54E-04	9.70E-04	8.86E-04
3148	387769.61, 3749482.97	2.31	4.059	3.686	1.12E-04	1.98E-04	1.79E-04	1.56E-04	2.75E-04	2.49E-04	5.54E-04	9.73E-04	8.83E-04
3149	387769.61, 3749532.97	2.312	4.077	3.699	1.13E-04	1.98E-04	1.80E-04	1.56E-04	2.76E-04	2.50E-04	5.54E-04	9.77E-04	8.87E-04
3150	387769.61, 3749582.97	2.323	4.107	3.733	1.13E-04	2.00E-04	1.82E-04	1.57E-04	2.78E-04	2.53E-04	5.57E-04	9.84E-04	8.95E-04
3151	387769.61, 3749632.97	2.331	4.123	3.786	1.13E-04	2.01E-04	1.84E-04	1.58E-04	2.79E-04	2.56E-04	5.59E-04	9.88E-04	9.07E-04
3152	387769.61, 3749682.97	2.316	4.099	3.764	1.13E-04	2.00E-04	1.83E-04	1.57E-04	2.77E-04	2.55E-04	5.55E-04	9.83E-04	9.02E-04

3153	387769.61, 3749732.97	2.309	4.09	3.77	1.12E-04	1.99E-04	1.84E-04	1.56E-04	2.77E-04	2.55E-04	5.53E-04	9.80E-04	9.04E-04
3154	387769.61, 3749782.97	2.295	4.07	3.756	1.12E-04	1.98E-04	1.83E-04	1.55E-04	2.75E-04	2.54E-04	5.50E-04	9.76E-04	9.00E-04
3155	387769.61, 3749832.97	2.272	4.032	3.709	1.11E-04	1.96E-04	1.81E-04	1.54E-04	2.73E-04	2.51E-04	5.45E-04	9.66E-04	8.89E-04
3156	387769.61, 3749882.97	2.253	3.999	3.685	1.10E-04	1.95E-04	1.79E-04	1.52E-04	2.70E-04	2.49E-04	5.40E-04	9.58E-04	8.83E-04
3157	387769.61, 3749932.97	2.232	3.963	3.655	1.09E-04	1.93E-04	1.78E-04	1.51E-04	2.68E-04	2.47E-04	5.35E-04	9.50E-04	8.76E-04
3158	387769.61, 3749982.97	2.207	3.922	3.61	1.07E-04	1.91E-04	1.76E-04	1.49E-04	2.65E-04	2.44E-04	5.29E-04	9.40E-04	8.65E-04
3159	387769.61, 3750032.97	2.188	3.892	3.579	1.07E-04	1.90E-04	1.74E-04	1.48E-04	2.63E-04	2.42E-04	5.24E-04	9.33E-04	8.58E-04
3160	387769.61, 3750082.97	2.171	3.865	3.545	1.06E-04	1.88E-04	1.73E-04	1.47E-04	2.61E-04	2.40E-04	5.20E-04	9.26E-04	8.50E-04
3161	387769.61, 3750132.97	2.154	3.84	3.516	1.05E-04	1.87E-04	1.71E-04	1.46E-04	2.60E-04	2.38E-04	5.16E-04	9.20E-04	8.43E-04
3162	387769.61, 3750182.97	2.126	3.796	3.473	1.03E-04	1.85E-04	1.69E-04	1.44E-04	2.57E-04	2.35E-04	5.09E-04	9.10E-04	8.32E-04
3163	387769.61, 3750232.97	2.104	3.76	3.433	1.02E-04	1.83E-04	1.67E-04	1.42E-04	2.54E-04	2.32E-04	5.04E-04	9.01E-04	8.23E-04
3164	387769.61, 3750282.97	2.078	3.716	3.396	1.01E-04	1.81E-04	1.65E-04	1.41E-04	2.51E-04	2.30E-04	4.98E-04	8.91E-04	8.14E-04
3165	387769.61, 3750332.97	2.053	3.674	3.366	9.99E-05	1.79E-04	1.64E-04	1.39E-04	2.49E-04	2.28E-04	4.92E-04	8.81E-04	8.07E-04
3166	387769.61, 3750382.97	2.036	3.646	3.338	9.91E-05	1.77E-04	1.63E-04	1.38E-04	2.47E-04	2.26E-04	4.88E-04	8.74E-04	8.00E-04
3167	387769.61, 3750432.97	2.012	3.605	3.302	9.79E-05	1.76E-04	1.61E-04	1.36E-04	2.44E-04	2.23E-04	4.82E-04	8.64E-04	7.92E-04
3168	387769.61, 3750482.97	1.98	3.554	3.251	9.64E-05	1.73E-04	1.58E-04	1.34E-04	2.40E-04	2.20E-04	4.74E-04	8.52E-04	7.79E-04
3169	387769.61, 3750532.97	1.971	3.537	3.228	9.60E-05	1.72E-04	1.57E-04	1.33E-04	2.39E-04	2.18E-04	4.72E-04	8.48E-04	7.74E-04
3170	387769.61, 3750582.97	1.946	3.493	3.182	9.48E-05	1.70E-04	1.55E-04	1.32E-04	2.36E-04	2.15E-04	4.66E-04	8.37E-04	7.63E-04
3171	387769.61, 3750632.97	1.922	3.451	3.144	9.36E-05	1.68E-04	1.53E-04	1.30E-04	2.33E-04	2.13E-04	4.61E-04	8.27E-04	7.53E-04
3172	387769.61, 3750682.97	1.898	3.409	3.102	9.24E-05	1.66E-04	1.51E-04	1.28E-04	2.31E-04	2.10E-04	4.55E-04	8.17E-04	7.43E-04
3173	387769.61, 3750732.97	1.876	3.361	3.045	9.13E-05	1.64E-04	1.48E-04	1.27E-04	2.27E-04	2.06E-04	4.50E-04	8.05E-04	7.30E-04
3174	387769.61, 3750782.97	1.852	3.318	3.007	9.02E-05	1.62E-04	1.46E-04	1.25E-04	2.24E-04	2.03E-04	4.44E-04	7.95E-04	7.21E-04
3175	387769.61, 3750832.97	1.824	3.267	2.956	8.88E-05	1.59E-04	1.44E-04	1.23E-04	2.21E-04	2.00E-04	4.37E-04	7.83E-04	7.09E-04
3176	387769.61, 3750882.97	1.797	3.219	2.912	8.75E-05	1.57E-04	1.42E-04	1.22E-04	2.18E-04	1.97E-04	4.31E-04	7.72E-04	6.98E-04
3177	387819.61, 3748982.97	1.465	2.704	2.512	7.13E-05	1.32E-04	1.22E-04	9.91E-05	1.83E-04	1.70E-04	3.51E-04	6.48E-04	6.02E-04
3178	387819.61, 3749032.97	1.635	2.922	2.707	7.96E-05	1.42E-04	1.32E-04	1.11E-04	1.98E-04	1.83E-04	3.92E-04	7.00E-04	6.49E-04
3179	387819.61, 3749082.97	1.772	3.098	2.835	8.63E-05	1.51E-04	1.38E-04	1.20E-04	2.10E-04	1.92E-04	4.25E-04	7.42E-04	6.79E-04
3180	387819.61, 3749132.97	1.868	3.228	2.962	9.10E-05	1.57E-04	1.44E-04	1.26E-04	2.18E-04	2.00E-04	4.48E-04	7.74E-04	7.10E-04
3181	387819.61, 3749182.97	1.93	3.323	3.044	9.40E-05	1.62E-04	1.48E-04	1.31E-04	2.25E-04	2.06E-04	4.63E-04	7.96E-04	7.30E-04
3182	387819.61, 3749232.97	1.97	3.398	3.093	9.59E-05	1.65E-04	1.51E-04	1.33E-04	2.30E-04	2.09E-04	4.72E-04	8.15E-04	7.41E-04
3183	387819.61, 3749282.97	1.995	3.459	3.141	9.71E-05	1.68E-04	1.53E-04	1.35E-04	2.34E-04	2.12E-04	4.78E-04	8.29E-04	7.53E-04
3184	387819.61, 3749332.97	2.012	3.509	3.194	9.80E-05	1.71E-04	1.56E-04	1.36E-04	2.37E-04	2.16E-04	4.82E-04	8.41E-04	7.66E-04
3185	387819.61, 3749382.97	2.023	3.543	3.235	9.85E-05	1.72E-04	1.58E-04	1.37E-04	2.40E-04	2.19E-04	4.85E-04	8.49E-04	7.75E-04
3186	387819.61, 3749432.97	2.032	3.566	3.25	9.89E-05	1.74E-04	1.58E-04	1.37E-04	2.41E-04	2.20E-04	4.87E-04	8.55E-04	7.79E-04
3187	387819.61, 3749482.97	2.038	3.59	3.25	9.92E-05	1.75E-04	1.58E-04	1.38E-04	2.43E-04	2.20E-04	4.88E-04	8.61E-04	7.79E-04
3188	387819.61, 3749532.97	2.044	3.614	3.261	9.95E-05	1.76E-04	1.59E-04	1.38E-04	2.44E-04	2.21E-04	4.90E-04	8.66E-04	7.82E-04
3189	387819.61, 3749582.97	2.049	3.633	3.276	9.98E-05	1.77E-04	1.60E-04	1.39E-04	2.46E-04	2.22E-04	4.91E-04	8.71E-04	7.85E-04
3190	387819.61, 3749632.97	2.065	3.66	3.334	1.01E-04	1.78E-04	1.62E-04	1.40E-04	2.48E-04	2.26E-04	4.95E-04	8.77E-04	7.99E-04
3191	387819.61, 3749682.97	2.053	3.651	3.301	1.00E-04	1.78E-04	1.61E-04	1.39E-04	2.47E-04	2.23E-04	4.92E-04	8.75E-04	7.91E-04
3192	387819.61, 3749732.97	2.05	3.646	3.308	9.98E-05	1.78E-04	1.61E-04	1.39E-04	2.47E-04	2.24E-04	4.91E-04	8.74E-04	7.93E-04
3193	387819.61, 3749782.97	2.043	3.635	3.31	9.95E-05	1.77E-04	1.61E-04	1.38E-04	2.46E-04	2.24E-04	4.90E-04	8.71E-04	7.93E-04

3194	387819.61, 3749832.97	2.033	3.617	3.303	9.90E-05	1.76E-04	1.61E-04	1.38E-04	2.45E-04	2.23E-04	4.87E-04	8.67E-04	7.92E-04
3195	387819.61, 3749882.97	2.02	3.601	3.29	9.84E-05	1.75E-04	1.60E-04	1.37E-04	2.44E-04	2.23E-04	4.84E-04	8.63E-04	7.89E-04
3196	387819.61, 3749932.97	2.005	3.578	3.27	9.76E-05	1.74E-04	1.59E-04	1.36E-04	2.42E-04	2.21E-04	4.81E-04	8.57E-04	7.84E-04
3197	387819.61, 3749982.97	1.988	3.546	3.247	9.68E-05	1.73E-04	1.58E-04	1.34E-04	2.40E-04	2.20E-04	4.76E-04	8.50E-04	7.78E-04
3198	387819.61, 3750032.97	1.969	3.511	3.214	9.59E-05	1.71E-04	1.56E-04	1.33E-04	2.38E-04	2.17E-04	4.72E-04	8.42E-04	7.70E-04
3199	387819.61, 3750082.97	1.965	3.503	3.202	9.57E-05	1.71E-04	1.56E-04	1.33E-04	2.37E-04	2.17E-04	4.71E-04	8.40E-04	7.68E-04
3200	387819.61, 3750132.97	1.953	3.485	3.181	9.51E-05	1.70E-04	1.55E-04	1.32E-04	2.36E-04	2.15E-04	4.68E-04	8.35E-04	7.63E-04
3201	387819.61, 3750182.97	1.929	3.449	3.147	9.39E-05	1.68E-04	1.53E-04	1.31E-04	2.33E-04	2.13E-04	4.62E-04	8.27E-04	7.54E-04
3202	387819.61, 3750232.97	1.912	3.421	3.115	9.31E-05	1.67E-04	1.52E-04	1.29E-04	2.31E-04	2.11E-04	4.58E-04	8.20E-04	7.47E-04
3203	387819.61, 3750282.97	1.89	3.385	3.084	9.20E-05	1.65E-04	1.50E-04	1.28E-04	2.29E-04	2.09E-04	4.53E-04	8.11E-04	7.39E-04
3204	387819.61, 3750332.97	1.871	3.35	3.059	9.11E-05	1.63E-04	1.49E-04	1.27E-04	2.27E-04	2.07E-04	4.48E-04	8.03E-04	7.33E-04
3205	387819.61, 3750382.97	1.857	3.328	3.039	9.04E-05	1.62E-04	1.48E-04	1.26E-04	2.25E-04	2.06E-04	4.45E-04	7.98E-04	7.28E-04
3206	387819.61, 3750432.97	1.837	3.294	3.009	8.94E-05	1.60E-04	1.46E-04	1.24E-04	2.23E-04	2.04E-04	4.40E-04	7.89E-04	7.21E-04
3207	387869.61, 3748982.97	1.271	2.38	2.218	6.19E-05	1.16E-04	1.08E-04	8.59E-05	1.61E-04	1.50E-04	3.05E-04	5.71E-04	5.32E-04
3208	387869.61, 3749032.97	1.411	2.564	2.376	6.87E-05	1.25E-04	1.16E-04	9.54E-05	1.73E-04	1.61E-04	3.38E-04	6.15E-04	5.70E-04
3209	387869.61, 3749082.97	1.532	2.72	2.487	7.46E-05	1.32E-04	1.21E-04	1.04E-04	1.84E-04	1.68E-04	3.67E-04	6.52E-04	5.96E-04
3210	387869.61, 3749132.97	1.623	2.841	2.599	7.90E-05	1.38E-04	1.27E-04	1.10E-04	1.92E-04	1.76E-04	3.89E-04	6.81E-04	6.23E-04
3211	387869.61, 3749182.97	1.687	2.933	2.684	8.21E-05	1.43E-04	1.31E-04	1.14E-04	1.98E-04	1.82E-04	4.04E-04	7.03E-04	6.43E-04
3212	387869.61, 3749232.97	1.729	3.002	2.743	8.42E-05	1.46E-04	1.34E-04	1.17E-04	2.03E-04	1.86E-04	4.14E-04	7.20E-04	6.58E-04
3213	387869.61, 3749282.97	1.761	3.061	2.774	8.58E-05	1.49E-04	1.35E-04	1.19E-04	2.07E-04	1.88E-04	4.22E-04	7.34E-04	6.65E-04
3214	387869.61, 3749332.97	1.783	3.11	2.829	8.68E-05	1.51E-04	1.38E-04	1.21E-04	2.10E-04	1.91E-04	4.27E-04	7.45E-04	6.78E-04
3215	387869.61, 3749382.97	1.799	3.149	2.875	8.76E-05	1.53E-04	1.40E-04	1.22E-04	2.13E-04	1.94E-04	4.31E-04	7.55E-04	6.89E-04
3216	387869.61, 3749432.97	1.81	3.181	2.895	8.81E-05	1.55E-04	1.41E-04	1.22E-04	2.15E-04	1.96E-04	4.34E-04	7.62E-04	6.94E-04
3217	387869.61, 3749482.97	1.82	3.213	2.899	8.86E-05	1.56E-04	1.41E-04	1.23E-04	2.17E-04	1.96E-04	4.36E-04	7.70E-04	6.95E-04
3218	387869.61, 3749532.97	1.829	3.24	2.908	8.91E-05	1.58E-04	1.42E-04	1.24E-04	2.19E-04	1.97E-04	4.38E-04	7.76E-04	6.97E-04
3219	387869.61, 3749582.97	1.836	3.262	2.926	8.94E-05	1.59E-04	1.42E-04	1.24E-04	2.21E-04	1.98E-04	4.40E-04	7.82E-04	7.01E-04
3220	387869.61, 3749632.97	1.839	3.272	2.929	8.95E-05	1.59E-04	1.43E-04	1.24E-04	2.21E-04	1.98E-04	4.41E-04	7.84E-04	7.02E-04
3221	387869.61, 3749682.97	1.844	3.284	2.952	8.98E-05	1.60E-04	1.44E-04	1.25E-04	2.22E-04	2.00E-04	4.42E-04	7.87E-04	7.08E-04
3222	387869.61, 3749732.97	1.846	3.292	2.972	8.99E-05	1.60E-04	1.45E-04	1.25E-04	2.23E-04	2.01E-04	4.43E-04	7.89E-04	7.12E-04
3223	387869.61, 3749782.97	1.851	3.297	3.006	9.01E-05	1.61E-04	1.46E-04	1.25E-04	2.23E-04	2.03E-04	4.44E-04	7.90E-04	7.20E-04
3224	387869.61, 3749832.97	1.838	3.28	2.982	8.95E-05	1.60E-04	1.45E-04	1.24E-04	2.22E-04	2.02E-04	4.41E-04	7.86E-04	7.15E-04
3225	387869.61, 3749882.97	1.84	3.281	3.009	8.96E-05	1.60E-04	1.46E-04	1.24E-04	2.22E-04	2.04E-04	4.41E-04	7.86E-04	7.21E-04
3226	387869.61, 3749932.97	1.837	3.275	3.001	8.94E-05	1.59E-04	1.46E-04	1.24E-04	2.22E-04	2.03E-04	4.40E-04	7.85E-04	7.19E-04
3227	387869.61, 3749982.97	1.824	3.252	2.972	8.88E-05	1.58E-04	1.45E-04	1.23E-04	2.20E-04	2.01E-04	4.37E-04	7.79E-04	7.12E-04
3228	387869.61, 3750032.97	1.809	3.228	2.944	8.81E-05	1.57E-04	1.43E-04	1.22E-04	2.18E-04	1.99E-04	4.34E-04	7.74E-04	7.06E-04
3229	387919.61, 3748982.97	1.121	2.125	1.985	5.46E-05	1.03E-04	9.66E-05	7.58E-05	1.44E-04	1.34E-04	2.69E-04	5.09E-04	4.76E-04
3230	387919.61, 3749032.97	1.237	2.282	2.114	6.02E-05	1.11E-04	1.03E-04	8.37E-05	1.54E-04	1.43E-04	2.97E-04	5.47E-04	5.07E-04
3231	387919.61, 3749082.97	1.342	2.419	2.216	6.53E-05	1.18E-04	1.08E-04	9.08E-05	1.64E-04	1.50E-04	3.22E-04	5.80E-04	5.31E-04
3232	387919.61, 3749132.97	1.428	2.532	2.308	6.95E-05	1.23E-04	1.12E-04	9.66E-05	1.71E-04	1.56E-04	3.42E-04	6.07E-04	5.53E-04
3233	387919.61, 3749182.97	1.492	2.621	2.387	7.26E-05	1.28E-04	1.16E-04	1.01E-04	1.77E-04	1.61E-04	3.58E-04	6.28E-04	5.72E-04
3234	387919.61, 3749232.97	1.539	2.697	2.44	7.49E-05	1.31E-04	1.19E-04	1.04E-04	1.82E-04	1.65E-04	3.69E-04	6.46E-04	5.85E-04

3235	387919.61, 3749282.97	1.571	2.746	2.488	7.65E-05	1.34E-04	1.21E-04	1.06E-04	1.86E-04	1.68E-04	3.77E-04	6.58E-04	5.96E-04
3236	387919.61, 3749332.97	1.596	2.791	2.526	7.77E-05	1.36E-04	1.23E-04	1.08E-04	1.89E-04	1.71E-04	3.83E-04	6.69E-04	6.05E-04
3237	387919.61, 3749382.97	1.615	2.838	2.569	7.86E-05	1.38E-04	1.25E-04	1.09E-04	1.92E-04	1.74E-04	3.87E-04	6.80E-04	6.16E-04
3238	387919.61, 3749432.97	1.63	2.872	2.591	7.93E-05	1.40E-04	1.26E-04	1.10E-04	1.94E-04	1.75E-04	3.91E-04	6.88E-04	6.21E-04
3239	387919.61, 3749482.97	1.641	2.898	2.617	7.99E-05	1.41E-04	1.27E-04	1.11E-04	1.96E-04	1.77E-04	3.93E-04	6.95E-04	6.27E-04
3240	387919.61, 3749532.97	1.65	2.924	2.629	8.03E-05	1.42E-04	1.28E-04	1.12E-04	1.98E-04	1.78E-04	3.96E-04	7.01E-04	6.30E-04
3241	387919.61, 3749582.97	1.659	2.949	2.635	8.08E-05	1.44E-04	1.28E-04	1.12E-04	1.99E-04	1.78E-04	3.98E-04	7.07E-04	6.32E-04
3242	387969.61, 3748982.97	1.003	1.921	1.796	4.89E-05	9.35E-05	8.75E-05	6.79E-05	1.30E-04	1.22E-04	2.41E-04	4.60E-04	4.31E-04
3243	387969.61, 3749032.97	1.101	2.055	1.898	5.36E-05	1.00E-04	9.24E-05	7.45E-05	1.39E-04	1.28E-04	2.64E-04	4.92E-04	4.55E-04
3244	387969.61, 3749082.97	1.192	2.176	1.999	5.80E-05	1.06E-04	9.73E-05	8.06E-05	1.47E-04	1.35E-04	2.86E-04	5.22E-04	4.79E-04
3245	387969.61, 3749132.97	1.269	2.279	2.068	6.18E-05	1.11E-04	1.01E-04	8.59E-05	1.54E-04	1.40E-04	3.04E-04	5.46E-04	4.96E-04

					2028			2033			2048		
	PM2.5			Rate (g/s):	4.72E-05	4.72E-05	4.72E-05	6.56E-05	6.56E-05	6.56E-05	2.32E-04	2.32E-04	2.32E-04
	Concentration [µg/m^3] at 1 g/s												
	Period	4hr (1st	4hr (8th)		Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)
#	X, Y	Main (SLINE1)			[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	386843.93, 3751698.71	1.685	3.573	3.13	7.96E-05	1.69E-04	1.48E-04	1.11E-04	2.34E-04	2.05E-04	3.92E-04	8.31E-04	7.28E-04
2	386843.93, 3751723.71	1.656	3.55	3.073	7.82E-05	1.68E-04	1.45E-04	1.09E-04	2.33E-04	2.02E-04	3.85E-04	8.25E-04	7.14E-04
3	386843.93, 3751748.71	1.624	3.54	3.011	7.67E-05	1.67E-04	1.42E-04	1.07E-04	2.32E-04	1.98E-04	3.78E-04	8.23E-04	7.00E-04
4	386843.93, 3751773.71	1.59	3.512	2.972	7.51E-05	1.66E-04	1.40E-04	1.04E-04	2.30E-04	1.95E-04	3.70E-04	8.17E-04	6.91E-04
5	386843.93, 3751798.71	1.551	3.474	2.91	7.33E-05	1.64E-04	1.37E-04	1.02E-04	2.28E-04	1.91E-04	3.61E-04	8.08E-04	6.76E-04
6	386843.93, 3751823.71	1.52	3.427	2.844	7.18E-05	1.62E-04	1.34E-04	9.98E-05	2.25E-04	1.87E-04	3.53E-04	7.97E-04	6.61E-04
7	386843.93, 3751848.71	1.461	3.35	2.744	6.90E-05	1.58E-04	1.30E-04	9.58E-05	2.20E-04	1.80E-04	3.40E-04	7.79E-04	6.38E-04
8	386843.93, 3751873.71	1.414	3.251	2.652	6.68E-05	1.54E-04	1.25E-04	9.28E-05	2.13E-04	1.74E-04	3.29E-04	7.56E-04	6.17E-04
9	386868.93, 3751448.71	1.917	3.99	3.523	9.05E-05	1.88E-04	1.66E-04	1.26E-04	2.62E-04	2.31E-04	4.46E-04	9.28E-04	8.19E-04
10	386868.93, 3751473.71	1.92	3.992	3.529	9.07E-05	1.89E-04	1.67E-04	1.26E-04	2.62E-04	2.32E-04	4.46E-04	9.28E-04	8.20E-04
11	386868.93, 3751498.71	1.925	3.987	3.532	9.09E-05	1.88E-04	1.67E-04	1.26E-04	2.62E-04	2.32E-04	4.48E-04	9.27E-04	8.21E-04
12	386868.93, 3751523.71	1.934	3.98	3.539	9.13E-05	1.88E-04	1.67E-04	1.27E-04	2.61E-04	2.32E-04	4.50E-04	9.25E-04	8.23E-04
13	386868.93, 3751548.71	1.76	3.988	3.376	8.31E-05	1.88E-04	1.59E-04	1.15E-04	2.62E-04	2.22E-04	4.09E-04	9.27E-04	7.85E-04
14	386868.93, 3751573.71	1.817	3.979	3.417	8.58E-05	1.88E-04	1.61E-04	1.19E-04	2.61E-04	2.24E-04	4.22E-04	9.25E-04	7.94E-04
15	386868.93, 3751598.71	1.886	3.965	3.5	8.91E-05	1.87E-04	1.65E-04	1.24E-04	2.60E-04	2.30E-04	4.39E-04	9.22E-04	8.14E-04
16	386868.93, 3751623.71	1.905	3.926	3.489	9.00E-05	1.85E-04	1.65E-04	1.25E-04	2.58E-04	2.29E-04	4.43E-04	9.13E-04	8.11E-04
17	386868.93, 3751648.71	1.863	3.926	3.473	8.80E-05	1.85E-04	1.64E-04	1.22E-04	2.58E-04	2.28E-04	4.33E-04	9.13E-04	8.08E-04
18	386868.93, 3751673.71	1.844	3.9	3.44	8.71E-05	1.84E-04	1.62E-04	1.21E-04	2.56E-04	2.26E-04	4.29E-04	9.07E-04	8.00E-04
19	386868.93, 3751698.71	1.823	3.866	3.398	8.61E-05	1.83E-04	1.60E-04	1.20E-04	2.54E-04	2.23E-04	4.24E-04	8.99E-04	7.90E-04
20	386868.93, 3751723.71	1.794	3.831	3.34	8.47E-05	1.81E-04	1.58E-04	1.18E-04	2.51E-04	2.19E-04	4.17E-04	8.91E-04	7.77E-04
21	386868.93, 3751748.71	1.761	3.796	3.273	8.32E-05	1.79E-04	1.55E-04	1.16E-04	2.49E-04	2.15E-04	4.10E-04	8.82E-04	7.61E-04
22	386868.93, 3751773.71	1.74	3.773	3.228	8.22E-05	1.78E-04	1.52E-04	1.14E-04	2.48E-04	2.12E-04	4.05E-04	8.77E-04	7.51E-04
23	386868.93, 3751798.71	1.698	3.734	3.173	8.02E-05	1.76E-04	1.50E-04	1.11E-04	2.45E-04	2.08E-04	3.95E-04	8.68E-04	7.38E-04
24	386868.93, 3751823.71	1.653	3.681	3.093	7.81E-05	1.74E-04	1.46E-04	1.08E-04	2.42E-04	2.03E-04	3.84E-04	8.56E-04	7.19E-04
25	386868.93, 3751848.71	1.593	3.601	2.983	7.52E-05	1.70E-04	1.41E-04	1.05E-04	2.36E-04	1.96E-04	3.70E-04	8.37E-04	6.94E-04
26	386868.93, 3751873.71	1.533	3.491	2.87	7.24E-05	1.65E-04	1.36E-04	1.01E-04	2.29E-04	1.88E-04	3.56E-04	8.12E-04	6.67E-04
27	386893.93, 3751198.71	2.016	4.192	3.705	9.52E-05	1.98E-04	1.75E-04	1.32E-04	2.75E-04	2.43E-04	4.69E-04	9.75E-04	8.61E-04
28	386893.93, 3751223.71	2.039	4.208	3.723	9.63E-05	1.99E-04	1.76E-04	1.34E-04	2.76E-04	2.44E-04	4.74E-04	9.78E-04	8.66E-04
29	386893.93, 3751248.71	2.045	4.222	3.734	9.66E-05	1.99E-04	1.76E-04	1.34E-04	2.77E-04	2.45E-04	4.76E-04	9.82E-04	8.68E-04
30	386893.93, 3751273.71	2.049	4.236	3.748	9.68E-05	2.00E-04	1.77E-04	1.34E-04	2.78E-04	2.46E-04	4.76E-04	9.85E-04	8.71E-04
31	386893.93, 3751298.71	2.063	4.245	3.755	9.74E-05	2.00E-04	1.77E-04	1.35E-04	2.79E-04	2.46E-04	4.80E-04	9.87E-04	8.73E-04
32	386893.93, 3751323.71	2.069	4.255	3.766	9.77E-05	2.01E-04	1.78E-04	1.36E-04	2.79E-04	2.47E-04	4.81E-04	9.89E-04	8.76E-04
33	386893.93, 3751348.71	2.082	4.266	3.782	9.83E-05	2.01E-04	1.79E-04	1.37E-04	2.80E-04	2.48E-04	4.84E-04	9.92E-04	8.79E-04
34	386893.93, 3751373.71	2.094	4.276	3.799	9.89E-05	2.02E-04	1.79E-04	1.37E-04	2.81E-04	2.49E-04	4.87E-04	9.94E-04	8.83E-04
35	386893.93, 3751398.71	2.097	4.285	3.813	9.90E-05	2.02E-04	1.80E-04	1.38E-04	2.81E-04	2.50E-04	4.87E-04	9.96E-04	8.87E-04
36	386893.93, 3751423.71	2.092	4.29	3.819	9.88E-05	2.03E-04	1.80E-04	1.37E-04	2.81E-04	2.51E-04	4.86E-04	9.97E-04	8.88E-04

37	386893.93, 3751448.71	2.08	4.307	3.819	9.82E-05	2.03E-04	1.80E-04	1.36E-04	2.83E-04	2.51E-04	4.84E-04	1.00E-03	8.88E-04
38	386893.93, 3751473.71	2.082	4.316	3.828	9.83E-05	2.04E-04	1.81E-04	1.37E-04	2.83E-04	2.51E-04	4.84E-04	1.00E-03	8.90E-04
39	386893.93, 3751498.71	2.089	4.318	3.836	9.86E-05	2.04E-04	1.81E-04	1.37E-04	2.83E-04	2.52E-04	4.86E-04	1.00E-03	8.92E-04
40	386893.93, 3751523.71	2.108	4.314	3.851	9.96E-05	2.04E-04	1.82E-04	1.38E-04	2.83E-04	2.53E-04	4.90E-04	1.00E-03	8.95E-04
41	386893.93, 3751548.71	1.964	4.303	3.681	9.28E-05	2.03E-04	1.74E-04	1.29E-04	2.82E-04	2.42E-04	4.57E-04	1.00E-03	8.56E-04
42	386893.93, 3751573.71	1.968	4.295	3.681	9.29E-05	2.03E-04	1.74E-04	1.29E-04	2.82E-04	2.42E-04	4.58E-04	9.98E-04	8.56E-04
43	386893.93, 3751598.71	2.038	4.301	3.805	9.62E-05	2.03E-04	1.80E-04	1.34E-04	2.82E-04	2.50E-04	4.74E-04	1.00E-03	8.85E-04
44	386893.93, 3751623.71	2.094	4.252	3.794	9.89E-05	2.01E-04	1.79E-04	1.37E-04	2.79E-04	2.49E-04	4.87E-04	9.89E-04	8.82E-04
45	386893.93, 3751648.71	2.016	4.266	3.776	9.52E-05	2.01E-04	1.78E-04	1.32E-04	2.80E-04	2.48E-04	4.69E-04	9.92E-04	8.78E-04
46	386893.93, 3751673.71	1.993	4.236	3.731	9.41E-05	2.00E-04	1.76E-04	1.31E-04	2.78E-04	2.45E-04	4.63E-04	9.85E-04	8.67E-04
47	386893.93, 3751698.71	1.973	4.2	3.692	9.32E-05	1.98E-04	1.74E-04	1.29E-04	2.76E-04	2.42E-04	4.59E-04	9.77E-04	8.58E-04
48	386893.93, 3751723.71	1.966	4.169	3.675	9.29E-05	1.97E-04	1.74E-04	1.29E-04	2.74E-04	2.41E-04	4.57E-04	9.69E-04	8.54E-04
49	386893.93, 3751748.71	1.941	4.127	3.615	9.17E-05	1.95E-04	1.71E-04	1.27E-04	2.71E-04	2.37E-04	4.51E-04	9.59E-04	8.41E-04
50	386893.93, 3751773.71	1.898	4.072	3.532	8.96E-05	1.92E-04	1.67E-04	1.25E-04	2.67E-04	2.32E-04	4.41E-04	9.47E-04	8.21E-04
51	386893.93, 3751798.71	1.86	4.03	3.458	8.78E-05	1.90E-04	1.63E-04	1.22E-04	2.64E-04	2.27E-04	4.32E-04	9.37E-04	8.04E-04
52	386893.93, 3751823.71	1.819	3.98	3.391	8.59E-05	1.88E-04	1.60E-04	1.19E-04	2.61E-04	2.23E-04	4.23E-04	9.25E-04	7.88E-04
53	386893.93, 3751848.71	1.75	3.893	3.27	8.26E-05	1.84E-04	1.54E-04	1.15E-04	2.55E-04	2.15E-04	4.07E-04	9.05E-04	7.60E-04
54	386893.93, 3751873.71	1.686	3.78	3.155	7.96E-05	1.79E-04	1.49E-04	1.11E-04	2.48E-04	2.07E-04	3.92E-04	8.79E-04	7.33E-04
55	386918.93, 3750948.71	2.076	4.283	3.776	9.81E-05	2.02E-04	1.78E-04	1.36E-04	2.81E-04	2.48E-04	4.83E-04	9.96E-04	8.78E-04
56	386918.93, 3750973.71	2.096	4.306	3.797	9.90E-05	2.03E-04	1.79E-04	1.38E-04	2.83E-04	2.49E-04	4.87E-04	1.00E-03	8.83E-04
57	386918.93, 3750998.71	2.104	4.331	3.818	9.94E-05	2.05E-04	1.80E-04	1.38E-04	2.84E-04	2.50E-04	4.89E-04	1.01E-03	8.88E-04
58	386918.93, 3751023.71	2.116	4.354	3.837	9.99E-05	2.06E-04	1.81E-04	1.39E-04	2.86E-04	2.52E-04	4.92E-04	1.01E-03	8.92E-04
59	386918.93, 3751048.71	2.134	4.377	3.86	1.01E-04	2.07E-04	1.82E-04	1.40E-04	2.87E-04	2.53E-04	4.96E-04	1.02E-03	8.97E-04
60	386918.93, 3751073.71	2.13	4.403	3.883	1.01E-04	2.08E-04	1.83E-04	1.40E-04	2.89E-04	2.55E-04	4.95E-04	1.02E-03	9.03E-04
61	386918.93, 3751098.71	2.137	4.427	3.904	1.01E-04	2.09E-04	1.84E-04	1.40E-04	2.91E-04	2.56E-04	4.97E-04	1.03E-03	9.08E-04
62	386918.93, 3751123.71	2.147	4.452	3.927	1.01E-04	2.10E-04	1.85E-04	1.41E-04	2.92E-04	2.58E-04	4.99E-04	1.04E-03	9.13E-04
63	386918.93, 3751148.71	2.16	4.477	3.95	1.02E-04	2.11E-04	1.87E-04	1.42E-04	2.94E-04	2.59E-04	5.02E-04	1.04E-03	9.18E-04
64	386918.93, 3751173.71	2.188	4.502	3.984	1.03E-04	2.13E-04	1.88E-04	1.44E-04	2.95E-04	2.61E-04	5.09E-04	1.05E-03	9.26E-04
65	386918.93, 3751198.71	2.183	4.524	3.994	1.03E-04	2.14E-04	1.89E-04	1.43E-04	2.97E-04	2.62E-04	5.08E-04	1.05E-03	9.28E-04
66	386918.93, 3751223.71	2.207	4.547	4.018	1.04E-04	2.15E-04	1.90E-04	1.45E-04	2.98E-04	2.64E-04	5.13E-04	1.06E-03	9.34E-04
67	386918.93, 3751248.71	2.213	4.566	4.032	1.05E-04	2.16E-04	1.90E-04	1.45E-04	3.00E-04	2.65E-04	5.15E-04	1.06E-03	9.37E-04
68	386918.93, 3751273.71	2.221	4.584	4.045	1.05E-04	2.16E-04	1.91E-04	1.46E-04	3.01E-04	2.65E-04	5.16E-04	1.07E-03	9.41E-04
69	386918.93, 3751298.71	2.24	4.601	4.067	1.06E-04	2.17E-04	1.92E-04	1.47E-04	3.02E-04	2.67E-04	5.21E-04	1.07E-03	9.46E-04
70	386918.93, 3751323.71	2.238	4.617	4.084	1.06E-04	2.18E-04	1.93E-04	1.47E-04	3.03E-04	2.68E-04	5.20E-04	1.07E-03	9.50E-04
71	386918.93, 3751348.71	2.256	4.631	4.096	1.07E-04	2.19E-04	1.93E-04	1.48E-04	3.04E-04	2.69E-04	5.24E-04	1.08E-03	9.52E-04
72	386918.93, 3751373.71	2.281	4.651	4.125	1.08E-04	2.20E-04	1.95E-04	1.50E-04	3.05E-04	2.71E-04	5.30E-04	1.08E-03	9.59E-04
73	386918.93, 3751398.71	2.286	4.666	4.141	1.08E-04	2.20E-04	1.96E-04	1.50E-04	3.06E-04	2.72E-04	5.32E-04	1.08E-03	9.63E-04
74	386918.93, 3751423.71	2.284	4.677	4.153	1.08E-04	2.21E-04	1.96E-04	1.50E-04	3.07E-04	2.72E-04	5.31E-04	1.09E-03	9.66E-04
75	386918.93, 3751448.71	2.274	4.687	4.167	1.07E-04	2.21E-04	1.97E-04	1.49E-04	3.08E-04	2.73E-04	5.29E-04	1.09E-03	9.69E-04
76	386918.93, 3751473.71	2.28	4.697	4.183	1.08E-04	2.22E-04	1.98E-04	1.50E-04	3.08E-04	2.74E-04	5.30E-04	1.09E-03	9.73E-04
77	386918.93, 3751498.71	2.326	4.718	4.203	1.10E-04	2.23E-04	1.98E-04	1.53E-04	3.10E-04	2.76E-04	5.41E-04	1.10E-03	9.77E-04

78	386918.93, 3751523.71	2.328	4.719	4.202	1.10E-04	2.23E-04	1.98E-04	1.53E-04	3.10E-04	2.76E-04	5.41E-04	1.10E-03	9.77E-04
79	386918.93, 3751548.71	2.281	4.714	4.19	1.08E-04	2.23E-04	1.98E-04	1.50E-04	3.09E-04	2.75E-04	5.30E-04	1.10E-03	9.74E-04
80	386918.93, 3751573.71	2.213	4.7	4.135	1.05E-04	2.22E-04	1.95E-04	1.45E-04	3.08E-04	2.71E-04	5.14E-04	1.09E-03	9.61E-04
81	386918.93, 3751598.71	2.275	4.707	4.186	1.07E-04	2.22E-04	1.98E-04	1.49E-04	3.09E-04	2.75E-04	5.29E-04	1.09E-03	9.73E-04
82	386918.93, 3751623.71	2.274	4.685	4.18	1.07E-04	2.21E-04	1.97E-04	1.49E-04	3.07E-04	2.74E-04	5.29E-04	1.09E-03	9.72E-04
83	386918.93, 3751648.71	2.232	4.671	4.16	1.05E-04	2.21E-04	1.96E-04	1.46E-04	3.06E-04	2.73E-04	5.19E-04	1.09E-03	9.67E-04
84	386918.93, 3751673.71	2.208	4.641	4.136	1.04E-04	2.19E-04	1.95E-04	1.45E-04	3.05E-04	2.71E-04	5.13E-04	1.08E-03	9.62E-04
85	386918.93, 3751698.71	2.183	4.606	4.085	1.03E-04	2.18E-04	1.93E-04	1.43E-04	3.02E-04	2.68E-04	5.08E-04	1.07E-03	9.50E-04
86	386918.93, 3751723.71	2.184	4.578	4.078	1.03E-04	2.16E-04	1.93E-04	1.43E-04	3.00E-04	2.68E-04	5.08E-04	1.06E-03	9.48E-04
87	386918.93, 3751748.71	2.156	4.532	4.028	1.02E-04	2.14E-04	1.90E-04	1.41E-04	2.97E-04	2.64E-04	5.01E-04	1.05E-03	9.36E-04
88	386918.93, 3751773.71	2.116	4.475	3.951	1.00E-04	2.11E-04	1.87E-04	1.39E-04	2.94E-04	2.59E-04	4.92E-04	1.04E-03	9.19E-04
89	386918.93, 3751798.71	2.07	4.402	3.856	9.77E-05	2.08E-04	1.82E-04	1.36E-04	2.89E-04	2.53E-04	4.81E-04	1.02E-03	8.96E-04
90	386918.93, 3751823.71	2.023	4.345	3.761	9.55E-05	2.05E-04	1.78E-04	1.33E-04	2.85E-04	2.47E-04	4.70E-04	1.01E-03	8.74E-04
91	386918.93, 3751848.71	1.945	4.249	3.631	9.19E-05	2.01E-04	1.71E-04	1.28E-04	2.79E-04	2.38E-04	4.52E-04	9.88E-04	8.44E-04
92	386918.93, 3751873.71	1.862	4.116	3.48	8.79E-05	1.94E-04	1.64E-04	1.22E-04	2.70E-04	2.28E-04	4.33E-04	9.57E-04	8.09E-04
93	386943.93, 3750698.71	2.1	4.318	3.813	9.92E-05	2.04E-04	1.80E-04	1.38E-04	2.83E-04	2.50E-04	4.88E-04	1.00E-03	8.86E-04
94	386943.93, 3750723.71	2.113	4.346	3.84	9.98E-05	2.05E-04	1.81E-04	1.39E-04	2.85E-04	2.52E-04	4.91E-04	1.01E-03	8.93E-04
95	386943.93, 3750748.71	2.127	4.375	3.864	1.00E-04	2.07E-04	1.82E-04	1.40E-04	2.87E-04	2.54E-04	4.94E-04	1.02E-03	8.98E-04
96	386943.93, 3750773.71	2.161	4.411	3.885	1.02E-04	2.08E-04	1.83E-04	1.42E-04	2.89E-04	2.55E-04	5.02E-04	1.03E-03	9.03E-04
97	386943.93, 3750798.71	2.153	4.432	3.914	1.02E-04	2.09E-04	1.85E-04	1.41E-04	2.91E-04	2.57E-04	5.01E-04	1.03E-03	9.10E-04
98	386943.93, 3750823.71	2.169	4.462	3.94	1.02E-04	2.11E-04	1.86E-04	1.42E-04	2.93E-04	2.59E-04	5.04E-04	1.04E-03	9.16E-04
99	386943.93, 3750848.71	2.182	4.491	3.965	1.03E-04	2.12E-04	1.87E-04	1.43E-04	2.95E-04	2.60E-04	5.07E-04	1.04E-03	9.22E-04
100	386943.93, 3750873.71	2.2	4.521	3.991	1.04E-04	2.14E-04	1.88E-04	1.44E-04	2.97E-04	2.62E-04	5.12E-04	1.05E-03	9.28E-04
101	386943.93, 3750898.71	2.216	4.548	4.014	1.05E-04	2.15E-04	1.90E-04	1.45E-04	2.98E-04	2.63E-04	5.15E-04	1.06E-03	9.33E-04
102	386943.93, 3750923.71	2.223	4.577	4.039	1.05E-04	2.16E-04	1.91E-04	1.46E-04	3.00E-04	2.65E-04	5.17E-04	1.06E-03	9.39E-04
103	386943.93, 3750948.71	2.242	4.607	4.065	1.06E-04	2.18E-04	1.92E-04	1.47E-04	3.02E-04	2.67E-04	5.21E-04	1.07E-03	9.45E-04
104	386943.93, 3750973.71	2.261	4.635	4.092	1.07E-04	2.19E-04	1.93E-04	1.48E-04	3.04E-04	2.69E-04	5.26E-04	1.08E-03	9.51E-04
105	386943.93, 3750998.71	2.274	4.667	4.117	1.07E-04	2.20E-04	1.94E-04	1.49E-04	3.06E-04	2.70E-04	5.29E-04	1.08E-03	9.57E-04
106	386943.93, 3751023.71	2.289	4.696	4.143	1.08E-04	2.22E-04	1.96E-04	1.50E-04	3.08E-04	2.72E-04	5.32E-04	1.09E-03	9.63E-04
107	386943.93, 3751048.71	2.308	4.724	4.17	1.09E-04	2.23E-04	1.97E-04	1.51E-04	3.10E-04	2.74E-04	5.37E-04	1.10E-03	9.69E-04
108	386943.93, 3751073.71	2.311	4.753	4.192	1.09E-04	2.24E-04	1.98E-04	1.52E-04	3.12E-04	2.75E-04	5.37E-04	1.10E-03	9.75E-04
109	386943.93, 3751098.71	2.326	4.786	4.223	1.10E-04	2.26E-04	1.99E-04	1.53E-04	3.14E-04	2.77E-04	5.41E-04	1.11E-03	9.82E-04
110	386943.93, 3751123.71	2.337	4.816	4.251	1.10E-04	2.27E-04	2.01E-04	1.53E-04	3.16E-04	2.79E-04	5.43E-04	1.12E-03	9.88E-04
111	386943.93, 3751148.71	2.349	4.847	4.278	1.11E-04	2.29E-04	2.02E-04	1.54E-04	3.18E-04	2.81E-04	5.46E-04	1.13E-03	9.95E-04
112	386943.93, 3751173.71	2.38	4.881	4.309	1.12E-04	2.31E-04	2.04E-04	1.56E-04	3.20E-04	2.83E-04	5.53E-04	1.13E-03	1.00E-03
113	386943.93, 3751198.71	2.378	4.909	4.331	1.12E-04	2.32E-04	2.05E-04	1.56E-04	3.22E-04	2.84E-04	5.53E-04	1.14E-03	1.01E-03
114	386943.93, 3751223.71	2.403	4.941	4.364	1.13E-04	2.33E-04	2.06E-04	1.58E-04	3.24E-04	2.86E-04	5.59E-04	1.15E-03	1.01E-03
115	386943.93, 3751248.71	2.398	4.965	4.376	1.13E-04	2.34E-04	2.07E-04	1.57E-04	3.26E-04	2.87E-04	5.58E-04	1.15E-03	1.02E-03
116	386943.93, 3751273.71	2.416	4.991	4.402	1.14E-04	2.36E-04	2.08E-04	1.58E-04	3.27E-04	2.89E-04	5.62E-04	1.16E-03	1.02E-03
117	386943.93, 3751298.71	2.449	5.018	4.43	1.16E-04	2.37E-04	2.09E-04	1.61E-04	3.29E-04	2.91E-04	5.69E-04	1.17E-03	1.03E-03
118	386943.93, 3751323.71	2.444	5.038	4.45	1.15E-04	2.38E-04	2.10E-04	1.60E-04	3.31E-04	2.92E-04	5.68E-04	1.17E-03	1.03E-03

119	386943.93, 3751348.71	2.463	5.059	4.465	1.16E-04	2.39E-04	2.11E-04	1.62E-04	3.32E-04	2.93E-04	5.73E-04	1.18E-03	1.04E-03
120	386943.93, 3751373.71	2.494	5.09	4.504	1.18E-04	2.40E-04	2.13E-04	1.64E-04	3.34E-04	2.96E-04	5.80E-04	1.18E-03	1.05E-03
121	386943.93, 3751398.71	2.502	5.113	4.529	1.18E-04	2.41E-04	2.14E-04	1.64E-04	3.35E-04	2.97E-04	5.82E-04	1.19E-03	1.05E-03
122	386943.93, 3751423.71	2.505	5.132	4.546	1.18E-04	2.42E-04	2.15E-04	1.64E-04	3.37E-04	2.98E-04	5.82E-04	1.19E-03	1.06E-03
123	386943.93, 3751448.71	2.496	5.147	4.561	1.18E-04	2.43E-04	2.15E-04	1.64E-04	3.38E-04	2.99E-04	5.80E-04	1.20E-03	1.06E-03
124	386943.93, 3751473.71	2.517	5.17	4.585	1.19E-04	2.44E-04	2.17E-04	1.65E-04	3.39E-04	3.01E-04	5.85E-04	1.20E-03	1.07E-03
125	386943.93, 3751498.71	2.553	5.2	4.611	1.21E-04	2.46E-04	2.18E-04	1.68E-04	3.41E-04	3.03E-04	5.94E-04	1.21E-03	1.07E-03
126	386943.93, 3751523.71	2.584	5.228	4.624	1.22E-04	2.47E-04	2.18E-04	1.70E-04	3.43E-04	3.03E-04	6.01E-04	1.22E-03	1.08E-03
127	386943.93, 3751548.71	2.547	5.209	4.616	1.20E-04	2.46E-04	2.18E-04	1.67E-04	3.42E-04	3.03E-04	5.92E-04	1.21E-03	1.07E-03
128	386943.93, 3751573.71	2.534	5.201	4.614	1.20E-04	2.46E-04	2.18E-04	1.66E-04	3.41E-04	3.03E-04	5.89E-04	1.21E-03	1.07E-03
129	386943.93, 3751598.71	2.532	5.193	4.618	1.20E-04	2.45E-04	2.18E-04	1.66E-04	3.41E-04	3.03E-04	5.89E-04	1.21E-03	1.07E-03
130	386943.93, 3751623.71	2.529	5.194	4.638	1.19E-04	2.45E-04	2.19E-04	1.66E-04	3.41E-04	3.04E-04	5.88E-04	1.21E-03	1.08E-03
131	386943.93, 3751648.71	2.492	5.173	4.609	1.18E-04	2.44E-04	2.18E-04	1.63E-04	3.39E-04	3.02E-04	5.79E-04	1.20E-03	1.07E-03
132	386943.93, 3751673.71	2.473	5.151	4.602	1.17E-04	2.43E-04	2.17E-04	1.62E-04	3.38E-04	3.02E-04	5.75E-04	1.20E-03	1.07E-03
133	386943.93, 3751698.71	2.46	5.121	4.584	1.16E-04	2.42E-04	2.16E-04	1.61E-04	3.36E-04	3.01E-04	5.72E-04	1.19E-03	1.07E-03
134	386943.93, 3751723.71	2.457	5.093	4.572	1.16E-04	2.41E-04	2.16E-04	1.61E-04	3.34E-04	3.00E-04	5.71E-04	1.18E-03	1.06E-03
135	386943.93, 3751748.71	2.417	5.028	4.512	1.14E-04	2.37E-04	2.13E-04	1.59E-04	3.30E-04	2.96E-04	5.62E-04	1.17E-03	1.05E-03
136	386943.93, 3751773.71	2.389	4.971	4.454	1.13E-04	2.35E-04	2.10E-04	1.57E-04	3.26E-04	2.92E-04	5.55E-04	1.16E-03	1.04E-03
137	386943.93, 3751798.71	2.33	4.889	4.35	1.10E-04	2.31E-04	2.05E-04	1.53E-04	3.21E-04	2.85E-04	5.42E-04	1.14E-03	1.01E-03
138	386943.93, 3751823.71	2.277	4.795	4.242	1.08E-04	2.26E-04	2.00E-04	1.49E-04	3.15E-04	2.78E-04	5.29E-04	1.11E-03	9.86E-04
139	386943.93, 3751848.71	2.183	4.682	4.068	1.03E-04	2.21E-04	1.92E-04	1.43E-04	3.07E-04	2.67E-04	5.07E-04	1.09E-03	9.46E-04
140	386943.93, 3751873.71	2.103	4.556	3.915	9.93E-05	2.15E-04	1.85E-04	1.38E-04	2.99E-04	2.57E-04	4.89E-04	1.06E-03	9.10E-04
141	386968.93, 3750448.71	2.103	4.308	3.8	9.93E-05	2.03E-04	1.79E-04	1.38E-04	2.83E-04	2.49E-04	4.89E-04	1.00E-03	8.84E-04
142	386968.93, 3750473.71	2.12	4.342	3.829	1.00E-04	2.05E-04	1.81E-04	1.39E-04	2.85E-04	2.51E-04	4.93E-04	1.01E-03	8.90E-04
143	386968.93, 3750498.71	2.129	4.374	3.859	1.01E-04	2.07E-04	1.82E-04	1.40E-04	2.87E-04	2.53E-04	4.95E-04	1.02E-03	8.97E-04
144	386968.93, 3750523.71	2.145	4.407	3.888	1.01E-04	2.08E-04	1.84E-04	1.41E-04	2.89E-04	2.55E-04	4.99E-04	1.02E-03	9.04E-04
145	386968.93, 3750548.71	2.172	4.447	3.915	1.03E-04	2.10E-04	1.85E-04	1.43E-04	2.92E-04	2.57E-04	5.05E-04	1.03E-03	9.10E-04
146	386968.93, 3750573.71	2.179	4.474	3.946	1.03E-04	2.11E-04	1.86E-04	1.43E-04	2.94E-04	2.59E-04	5.07E-04	1.04E-03	9.17E-04
147	386968.93, 3750598.71	2.189	4.508	3.984	1.03E-04	2.13E-04	1.88E-04	1.44E-04	2.96E-04	2.61E-04	5.09E-04	1.05E-03	9.26E-04
148	386968.93, 3750623.71	2.218	4.546	4.005	1.05E-04	2.15E-04	1.89E-04	1.46E-04	2.98E-04	2.63E-04	5.16E-04	1.06E-03	9.31E-04
149	386968.93, 3750648.71	2.232	4.575	4.036	1.05E-04	2.16E-04	1.91E-04	1.46E-04	3.00E-04	2.65E-04	5.19E-04	1.06E-03	9.38E-04
150	386968.93, 3750673.71	2.248	4.607	4.065	1.06E-04	2.18E-04	1.92E-04	1.47E-04	3.02E-04	2.67E-04	5.23E-04	1.07E-03	9.45E-04
151	386968.93, 3750698.71	2.259	4.644	4.097	1.07E-04	2.19E-04	1.93E-04	1.48E-04	3.05E-04	2.69E-04	5.25E-04	1.08E-03	9.52E-04
152	386968.93, 3750723.71	2.271	4.676	4.13	1.07E-04	2.21E-04	1.95E-04	1.49E-04	3.07E-04	2.71E-04	5.28E-04	1.09E-03	9.60E-04
153	386968.93, 3750748.71	2.287	4.71	4.159	1.08E-04	2.22E-04	1.96E-04	1.50E-04	3.09E-04	2.73E-04	5.32E-04	1.10E-03	9.67E-04
154	386968.93, 3750773.71	2.322	4.746	4.184	1.10E-04	2.24E-04	1.98E-04	1.52E-04	3.11E-04	2.75E-04	5.40E-04	1.10E-03	9.73E-04
155	386968.93, 3750798.71	2.318	4.778	4.217	1.09E-04	2.26E-04	1.99E-04	1.52E-04	3.13E-04	2.77E-04	5.39E-04	1.11E-03	9.81E-04
156	386968.93, 3750823.71	2.338	4.814	4.25	1.10E-04	2.27E-04	2.01E-04	1.53E-04	3.16E-04	2.79E-04	5.43E-04	1.12E-03	9.88E-04
157	386968.93, 3750848.71	2.357	4.85	4.283	1.11E-04	2.29E-04	2.02E-04	1.55E-04	3.18E-04	2.81E-04	5.48E-04	1.13E-03	9.96E-04
158	386968.93, 3750873.71	2.378	4.887	4.311	1.12E-04	2.31E-04	2.04E-04	1.56E-04	3.21E-04	2.83E-04	5.53E-04	1.14E-03	1.00E-03
159	386968.93, 3750898.71	2.403	4.918	4.335	1.13E-04	2.32E-04	2.05E-04	1.58E-04	3.23E-04	2.84E-04	5.59E-04	1.14E-03	1.01E-03

160	386968.93, 3750923.71	2.406	4.953	4.361	1.14E-04	2.34E-04	2.06E-04	1.58E-04	3.25E-04	2.86E-04	5.59E-04	1.15E-03	1.01E-03
161	386968.93, 3750948.71	2.427	4.99	4.392	1.15E-04	2.36E-04	2.07E-04	1.59E-04	3.27E-04	2.88E-04	5.64E-04	1.16E-03	1.02E-03
162	386968.93, 3750973.71	2.448	5.028	4.428	1.16E-04	2.37E-04	2.09E-04	1.61E-04	3.30E-04	2.91E-04	5.69E-04	1.17E-03	1.03E-03
163	386968.93, 3750998.71	2.482	5.068	4.469	1.17E-04	2.39E-04	2.11E-04	1.63E-04	3.33E-04	2.93E-04	5.77E-04	1.18E-03	1.04E-03
164	386968.93, 3751023.71	2.508	5.107	4.508	1.18E-04	2.41E-04	2.13E-04	1.65E-04	3.35E-04	2.96E-04	5.83E-04	1.19E-03	1.05E-03
165	386968.93, 3751048.71	2.51	5.137	4.527	1.19E-04	2.43E-04	2.14E-04	1.65E-04	3.37E-04	2.97E-04	5.84E-04	1.19E-03	1.05E-03
166	386968.93, 3751073.71	2.526	5.174	4.559	1.19E-04	2.44E-04	2.15E-04	1.66E-04	3.39E-04	2.99E-04	5.87E-04	1.20E-03	1.06E-03
167	386968.93, 3751098.71	2.531	5.208	4.594	1.20E-04	2.46E-04	2.17E-04	1.66E-04	3.42E-04	3.01E-04	5.88E-04	1.21E-03	1.07E-03
168	386968.93, 3751123.71	2.547	5.247	4.628	1.20E-04	2.48E-04	2.19E-04	1.67E-04	3.44E-04	3.04E-04	5.92E-04	1.22E-03	1.08E-03
169	386968.93, 3751148.71	2.569	5.289	4.665	1.21E-04	2.50E-04	2.20E-04	1.69E-04	3.47E-04	3.06E-04	5.97E-04	1.23E-03	1.08E-03
170	386968.93, 3751173.71	2.603	5.337	4.707	1.23E-04	2.52E-04	2.22E-04	1.71E-04	3.50E-04	3.09E-04	6.05E-04	1.24E-03	1.09E-03
171	386968.93, 3751198.71	2.607	5.369	4.733	1.23E-04	2.54E-04	2.24E-04	1.71E-04	3.52E-04	3.11E-04	6.06E-04	1.25E-03	1.10E-03
172	386968.93, 3751223.71	2.645	5.417	4.777	1.25E-04	2.56E-04	2.26E-04	1.74E-04	3.55E-04	3.13E-04	6.15E-04	1.26E-03	1.11E-03
173	386968.93, 3751248.71	2.63	5.435	4.794	1.24E-04	2.57E-04	2.26E-04	1.73E-04	3.57E-04	3.15E-04	6.11E-04	1.26E-03	1.11E-03
174	386968.93, 3751273.71	2.649	5.471	4.823	1.25E-04	2.58E-04	2.28E-04	1.74E-04	3.59E-04	3.16E-04	6.16E-04	1.27E-03	1.12E-03
175	386968.93, 3751298.71	2.696	5.516	4.86	1.27E-04	2.61E-04	2.30E-04	1.77E-04	3.62E-04	3.19E-04	6.27E-04	1.28E-03	1.13E-03
176	386968.93, 3751323.71	2.691	5.538	4.884	1.27E-04	2.62E-04	2.31E-04	1.77E-04	3.63E-04	3.20E-04	6.26E-04	1.29E-03	1.14E-03
177	386968.93, 3751348.71	2.719	5.573	4.91	1.28E-04	2.63E-04	2.32E-04	1.78E-04	3.66E-04	3.22E-04	6.32E-04	1.30E-03	1.14E-03
178	386968.93, 3751373.71	2.748	5.617	4.956	1.30E-04	2.65E-04	2.34E-04	1.80E-04	3.69E-04	3.25E-04	6.39E-04	1.31E-03	1.15E-03
179	386968.93, 3751398.71	2.761	5.65	4.99	1.30E-04	2.67E-04	2.36E-04	1.81E-04	3.71E-04	3.27E-04	6.42E-04	1.31E-03	1.16E-03
180	386968.93, 3751423.71	2.772	5.68	5.018	1.31E-04	2.68E-04	2.37E-04	1.82E-04	3.73E-04	3.29E-04	6.45E-04	1.32E-03	1.17E-03
181	386968.93, 3751448.71	2.758	5.694	5.028	1.30E-04	2.69E-04	2.37E-04	1.81E-04	3.74E-04	3.30E-04	6.41E-04	1.32E-03	1.17E-03
182	386968.93, 3751473.71	2.787	5.733	5.07	1.32E-04	2.71E-04	2.39E-04	1.83E-04	3.76E-04	3.33E-04	6.48E-04	1.33E-03	1.18E-03
183	386968.93, 3751498.71	2.843	5.794	5.118	1.34E-04	2.74E-04	2.42E-04	1.87E-04	3.80E-04	3.36E-04	6.61E-04	1.35E-03	1.19E-03
184	386968.93, 3751523.71	2.876	5.835	5.145	1.36E-04	2.76E-04	2.43E-04	1.89E-04	3.83E-04	3.38E-04	6.69E-04	1.36E-03	1.20E-03
185	386968.93, 3751548.71	2.847	5.819	5.136	1.34E-04	2.75E-04	2.43E-04	1.87E-04	3.82E-04	3.37E-04	6.62E-04	1.35E-03	1.19E-03
186	386968.93, 3751573.71	2.835	5.825	5.153	1.34E-04	2.75E-04	2.43E-04	1.86E-04	3.82E-04	3.38E-04	6.59E-04	1.35E-03	1.20E-03
187	386968.93, 3751598.71	2.845	5.831	5.145	1.34E-04	2.75E-04	2.43E-04	1.87E-04	3.83E-04	3.38E-04	6.61E-04	1.36E-03	1.20E-03
188	386968.93, 3751623.71	2.85	5.833	5.166	1.35E-04	2.75E-04	2.44E-04	1.87E-04	3.83E-04	3.39E-04	6.63E-04	1.36E-03	1.20E-03
189	386968.93, 3751648.71	2.819	5.803	5.173	1.33E-04	2.74E-04	2.44E-04	1.85E-04	3.81E-04	3.39E-04	6.55E-04	1.35E-03	1.20E-03
190	386968.93, 3751673.71	2.82	5.791	5.185	1.33E-04	2.73E-04	2.45E-04	1.85E-04	3.80E-04	3.40E-04	6.56E-04	1.35E-03	1.21E-03
191	386968.93, 3751698.71	2.809	5.773	5.179	1.33E-04	2.73E-04	2.45E-04	1.84E-04	3.79E-04	3.40E-04	6.53E-04	1.34E-03	1.20E-03
192	386968.93, 3751723.71	2.796	5.746	5.169	1.32E-04	2.71E-04	2.44E-04	1.83E-04	3.77E-04	3.39E-04	6.50E-04	1.34E-03	1.20E-03
193	386968.93, 3751748.71	2.765	5.693	5.129	1.31E-04	2.69E-04	2.42E-04	1.81E-04	3.74E-04	3.37E-04	6.43E-04	1.32E-03	1.19E-03
194	386968.93, 3751773.71	2.724	5.617	5.066	1.29E-04	2.65E-04	2.39E-04	1.79E-04	3.69E-04	3.32E-04	6.33E-04	1.31E-03	1.18E-03
195	386968.93, 3751798.71	2.671	5.522	4.968	1.26E-04	2.61E-04	2.35E-04	1.75E-04	3.62E-04	3.26E-04	6.21E-04	1.28E-03	1.15E-03
196	386968.93, 3751823.71	2.63	5.429	4.88	1.24E-04	2.56E-04	2.30E-04	1.73E-04	3.56E-04	3.20E-04	6.11E-04	1.26E-03	1.13E-03
197	386968.93, 3751848.71	2.523	5.265	4.7	1.19E-04	2.49E-04	2.22E-04	1.66E-04	3.45E-04	3.08E-04	5.87E-04	1.22E-03	1.09E-03
198	386968.93, 3751873.71	2.407	5.101	4.471	1.14E-04	2.41E-04	2.11E-04	1.58E-04	3.35E-04	2.93E-04	5.60E-04	1.19E-03	1.04E-03
199	386993.93, 3750198.71	2.078	4.276	3.763	9.81E-05	2.02E-04	1.78E-04	1.36E-04	2.81E-04	2.47E-04	4.83E-04	9.94E-04	8.75E-04
200	386993.93, 3750223.71	2.094	4.309	3.791	9.89E-05	2.03E-04	1.79E-04	1.37E-04	2.83E-04	2.49E-04	4.87E-04	1.00E-03	8.81E-04

201	386993.93, 3750248.71	2.123	4.351	3.817	1.00E-04	2.06E-04	1.80E-04	1.39E-04	2.86E-04	2.50E-04	4.94E-04	1.01E-03	8.87E-04
202	386993.93, 3750273.71	2.129	4.376	3.851	1.01E-04	2.07E-04	1.82E-04	1.40E-04	2.87E-04	2.53E-04	4.95E-04	1.02E-03	8.95E-04
203	386993.93, 3750298.71	2.147	4.41	3.879	1.01E-04	2.08E-04	1.83E-04	1.41E-04	2.89E-04	2.55E-04	4.99E-04	1.03E-03	9.02E-04
204	386993.93, 3750323.71	2.175	4.452	3.908	1.03E-04	2.10E-04	1.85E-04	1.43E-04	2.92E-04	2.56E-04	5.06E-04	1.03E-03	9.09E-04
205	386993.93, 3750348.71	2.191	4.485	3.94	1.03E-04	2.12E-04	1.86E-04	1.44E-04	2.94E-04	2.59E-04	5.09E-04	1.04E-03	9.16E-04
206	386993.93, 3750373.71	2.212	4.517	3.973	1.04E-04	2.13E-04	1.88E-04	1.45E-04	2.96E-04	2.61E-04	5.14E-04	1.05E-03	9.24E-04
207	386993.93, 3750398.71	2.225	4.555	4.006	1.05E-04	2.15E-04	1.89E-04	1.46E-04	2.99E-04	2.63E-04	5.17E-04	1.06E-03	9.31E-04
208	386993.93, 3750423.71	2.238	4.587	4.04	1.06E-04	2.17E-04	1.91E-04	1.47E-04	3.01E-04	2.65E-04	5.20E-04	1.07E-03	9.39E-04
209	386993.93, 3750448.71	2.246	4.623	4.086	1.06E-04	2.18E-04	1.93E-04	1.47E-04	3.03E-04	2.68E-04	5.22E-04	1.07E-03	9.50E-04
210	386993.93, 3750473.71	2.278	4.665	4.108	1.08E-04	2.20E-04	1.94E-04	1.49E-04	3.06E-04	2.70E-04	5.30E-04	1.08E-03	9.55E-04
211	386993.93, 3750498.71	2.278	4.7	4.151	1.08E-04	2.22E-04	1.96E-04	1.49E-04	3.08E-04	2.72E-04	5.30E-04	1.09E-03	9.65E-04
212	386993.93, 3750523.71	2.309	4.742	4.181	1.09E-04	2.24E-04	1.97E-04	1.52E-04	3.11E-04	2.74E-04	5.37E-04	1.10E-03	9.72E-04
213	386993.93, 3750548.71	2.338	4.786	4.212	1.10E-04	2.26E-04	1.99E-04	1.53E-04	3.14E-04	2.76E-04	5.44E-04	1.11E-03	9.79E-04
214	386993.93, 3750573.71	2.35	4.821	4.249	1.11E-04	2.28E-04	2.01E-04	1.54E-04	3.16E-04	2.79E-04	5.46E-04	1.12E-03	9.88E-04
215	386993.93, 3750598.71	2.376	4.866	4.279	1.12E-04	2.30E-04	2.02E-04	1.56E-04	3.19E-04	2.81E-04	5.52E-04	1.13E-03	9.95E-04
216	386993.93, 3750623.71	2.379	4.897	4.318	1.12E-04	2.31E-04	2.04E-04	1.56E-04	3.21E-04	2.83E-04	5.53E-04	1.14E-03	1.00E-03
217	386993.93, 3750648.71	2.403	4.939	4.35	1.13E-04	2.33E-04	2.05E-04	1.58E-04	3.24E-04	2.85E-04	5.59E-04	1.15E-03	1.01E-03
218	386993.93, 3750673.71	2.429	4.977	4.386	1.15E-04	2.35E-04	2.07E-04	1.59E-04	3.27E-04	2.88E-04	5.65E-04	1.16E-03	1.02E-03
219	386993.93, 3750698.71	2.431	5.016	4.419	1.15E-04	2.37E-04	2.09E-04	1.60E-04	3.29E-04	2.90E-04	5.65E-04	1.17E-03	1.03E-03
220	386993.93, 3750723.71	2.454	5.058	4.457	1.16E-04	2.39E-04	2.10E-04	1.61E-04	3.32E-04	2.92E-04	5.71E-04	1.18E-03	1.04E-03
221	386993.93, 3750748.71	2.475	5.099	4.494	1.17E-04	2.41E-04	2.12E-04	1.62E-04	3.35E-04	2.95E-04	5.75E-04	1.19E-03	1.04E-03
222	386993.93, 3750773.71	2.52	5.147	4.53	1.19E-04	2.43E-04	2.14E-04	1.65E-04	3.38E-04	2.97E-04	5.86E-04	1.20E-03	1.05E-03
223	386993.93, 3750798.71	2.517	5.182	4.568	1.19E-04	2.45E-04	2.16E-04	1.65E-04	3.40E-04	3.00E-04	5.85E-04	1.20E-03	1.06E-03
224	386993.93, 3750823.71	2.533	5.223	4.603	1.20E-04	2.47E-04	2.17E-04	1.66E-04	3.43E-04	3.02E-04	5.89E-04	1.21E-03	1.07E-03
225	386993.93, 3750848.71	2.555	5.266	4.642	1.21E-04	2.49E-04	2.19E-04	1.68E-04	3.46E-04	3.05E-04	5.94E-04	1.22E-03	1.08E-03
226	386993.93, 3750873.71	2.578	5.31	4.681	1.22E-04	2.51E-04	2.21E-04	1.69E-04	3.48E-04	3.07E-04	5.99E-04	1.23E-03	1.09E-03
227	386993.93, 3750898.71	2.614	5.351	4.727	1.23E-04	2.53E-04	2.23E-04	1.72E-04	3.51E-04	3.10E-04	6.08E-04	1.24E-03	1.10E-03
228	386993.93, 3750923.71	2.611	5.388	4.751	1.23E-04	2.54E-04	2.24E-04	1.71E-04	3.54E-04	3.12E-04	6.07E-04	1.25E-03	1.10E-03
229	386993.93, 3750948.71	2.634	5.433	4.789	1.24E-04	2.57E-04	2.26E-04	1.73E-04	3.56E-04	3.14E-04	6.12E-04	1.26E-03	1.11E-03
230	386993.93, 3750973.71	2.658	5.48	4.828	1.26E-04	2.59E-04	2.28E-04	1.74E-04	3.60E-04	3.17E-04	6.18E-04	1.27E-03	1.12E-03
231	386993.93, 3750998.71	2.718	5.541	4.896	1.28E-04	2.62E-04	2.31E-04	1.78E-04	3.64E-04	3.21E-04	6.32E-04	1.29E-03	1.14E-03
232	386993.93, 3751023.71	2.752	5.589	4.943	1.30E-04	2.64E-04	2.33E-04	1.81E-04	3.67E-04	3.24E-04	6.40E-04	1.30E-03	1.15E-03
233	386993.93, 3751048.71	2.763	5.631	4.975	1.30E-04	2.66E-04	2.35E-04	1.81E-04	3.69E-04	3.26E-04	6.42E-04	1.31E-03	1.16E-03
234	386993.93, 3751073.71	2.787	5.679	5.017	1.32E-04	2.68E-04	2.37E-04	1.83E-04	3.73E-04	3.29E-04	6.48E-04	1.32E-03	1.17E-03
235	386993.93, 3751098.71	2.783	5.713	5.04	1.31E-04	2.70E-04	2.38E-04	1.83E-04	3.75E-04	3.31E-04	6.47E-04	1.33E-03	1.17E-03
236	386993.93, 3751123.71	2.803	5.767	5.08	1.32E-04	2.72E-04	2.40E-04	1.84E-04	3.78E-04	3.33E-04	6.52E-04	1.34E-03	1.18E-03
237	386993.93, 3751148.71	2.825	5.817	5.124	1.33E-04	2.75E-04	2.42E-04	1.85E-04	3.82E-04	3.36E-04	6.57E-04	1.35E-03	1.19E-03
238	386993.93, 3751173.71	2.888	5.889	5.193	1.36E-04	2.78E-04	2.45E-04	1.89E-04	3.86E-04	3.41E-04	6.71E-04	1.37E-03	1.21E-03
239	386993.93, 3751198.71	2.882	5.926	5.218	1.36E-04	2.80E-04	2.46E-04	1.89E-04	3.89E-04	3.42E-04	6.70E-04	1.38E-03	1.21E-03
240	386993.93, 3751223.71	2.934	5.987	5.277	1.39E-04	2.83E-04	2.49E-04	1.92E-04	3.93E-04	3.46E-04	6.82E-04	1.39E-03	1.23E-03
241	386993.93, 3751248.71	2.948	6.035	5.313	1.39E-04	2.85E-04	2.51E-04	1.93E-04	3.96E-04	3.49E-04	6.85E-04	1.40E-03	1.24E-03

242	386993.93, 3751273.71	2.97	6.079	5.351	1.40E-04	2.87E-04	2.53E-04	1.95E-04	3.99E-04	3.51E-04	6.90E-04	1.41E-03	1.24E-03
243	386993.93, 3751298.71	2.998	6.127	5.395	1.42E-04	2.89E-04	2.55E-04	1.97E-04	4.02E-04	3.54E-04	6.97E-04	1.42E-03	1.25E-03
244	386993.93, 3751323.71	2.997	6.153	5.415	1.42E-04	2.91E-04	2.56E-04	1.97E-04	4.04E-04	3.55E-04	6.97E-04	1.43E-03	1.26E-03
245	386993.93, 3751348.71	3.03	6.208	5.466	1.43E-04	2.93E-04	2.58E-04	1.99E-04	4.07E-04	3.59E-04	7.04E-04	1.44E-03	1.27E-03
246	386993.93, 3751373.71	3.063	6.265	5.518	1.45E-04	2.96E-04	2.61E-04	2.01E-04	4.11E-04	3.62E-04	7.12E-04	1.46E-03	1.28E-03
247	386993.93, 3751398.71	3.08	6.311	5.559	1.45E-04	2.98E-04	2.63E-04	2.02E-04	4.14E-04	3.65E-04	7.16E-04	1.47E-03	1.29E-03
248	386993.93, 3751423.71	3.095	6.355	5.594	1.46E-04	3.00E-04	2.64E-04	2.03E-04	4.17E-04	3.67E-04	7.20E-04	1.48E-03	1.30E-03
249	386993.93, 3751448.71	3.093	6.38	5.616	1.46E-04	3.01E-04	2.65E-04	2.03E-04	4.19E-04	3.69E-04	7.19E-04	1.48E-03	1.31E-03
250	386993.93, 3751473.71	3.125	6.436	5.662	1.48E-04	3.04E-04	2.67E-04	2.05E-04	4.22E-04	3.71E-04	7.27E-04	1.50E-03	1.32E-03
251	386993.93, 3751498.71	3.152	6.486	5.704	1.49E-04	3.06E-04	2.69E-04	2.07E-04	4.26E-04	3.74E-04	7.33E-04	1.51E-03	1.33E-03
252	386993.93, 3751523.71	3.222	6.572	5.785	1.52E-04	3.10E-04	2.73E-04	2.11E-04	4.31E-04	3.80E-04	7.49E-04	1.53E-03	1.34E-03
253	386993.93, 3751548.71	3.242	6.607	5.809	1.53E-04	3.12E-04	2.74E-04	2.13E-04	4.34E-04	3.81E-04	7.54E-04	1.54E-03	1.35E-03
254	386993.93, 3751573.71	3.253	6.629	5.821	1.54E-04	3.13E-04	2.75E-04	2.13E-04	4.35E-04	3.82E-04	7.56E-04	1.54E-03	1.35E-03
255	386993.93, 3751598.71	3.261	6.646	5.852	1.54E-04	3.14E-04	2.76E-04	2.14E-04	4.36E-04	3.84E-04	7.58E-04	1.55E-03	1.36E-03
256	386993.93, 3751623.71	3.267	6.664	5.873	1.54E-04	3.15E-04	2.77E-04	2.14E-04	4.37E-04	3.85E-04	7.60E-04	1.55E-03	1.37E-03
257	386993.93, 3751648.71	3.268	6.673	5.896	1.54E-04	3.15E-04	2.78E-04	2.14E-04	4.38E-04	3.87E-04	7.60E-04	1.55E-03	1.37E-03
258	386993.93, 3751673.71	3.271	6.675	5.911	1.54E-04	3.15E-04	2.79E-04	2.15E-04	4.38E-04	3.88E-04	7.60E-04	1.55E-03	1.37E-03
259	386993.93, 3751698.71	3.263	6.658	5.916	1.54E-04	3.14E-04	2.79E-04	2.14E-04	4.37E-04	3.88E-04	7.59E-04	1.55E-03	1.38E-03
260	386993.93, 3751723.71	3.245	6.621	5.913	1.53E-04	3.13E-04	2.79E-04	2.13E-04	4.34E-04	3.88E-04	7.54E-04	1.54E-03	1.37E-03
261	386993.93, 3751748.71	3.247	6.587	5.914	1.53E-04	3.11E-04	2.79E-04	2.13E-04	4.32E-04	3.88E-04	7.55E-04	1.53E-03	1.38E-03
262	386993.93, 3751773.71	3.195	6.495	5.868	1.51E-04	3.07E-04	2.77E-04	2.10E-04	4.26E-04	3.85E-04	7.43E-04	1.51E-03	1.36E-03
263	386993.93, 3751798.71	3.156	6.413	5.809	1.49E-04	3.03E-04	2.74E-04	2.07E-04	4.21E-04	3.81E-04	7.34E-04	1.49E-03	1.35E-03
264	386993.93, 3751823.71	3.072	6.272	5.666	1.45E-04	2.96E-04	2.68E-04	2.02E-04	4.12E-04	3.72E-04	7.14E-04	1.46E-03	1.32E-03
265	386993.93, 3751848.71	2.954	6.076	5.474	1.40E-04	2.87E-04	2.59E-04	1.94E-04	3.99E-04	3.59E-04	6.87E-04	1.41E-03	1.27E-03
266	386993.93, 3751873.71	2.808	5.82	5.212	1.33E-04	2.75E-04	2.46E-04	1.84E-04	3.82E-04	3.42E-04	6.53E-04	1.35E-03	1.21E-03
267	387018.93, 3749948.71	2.052	4.208	3.699	9.69E-05	1.99E-04	1.75E-04	1.35E-04	2.76E-04	2.43E-04	4.77E-04	9.78E-04	8.60E-04
268	387018.93, 3749973.71	2.069	4.244	3.729	9.77E-05	2.00E-04	1.76E-04	1.36E-04	2.78E-04	2.45E-04	4.81E-04	9.87E-04	8.67E-04
269	387018.93, 3749998.71	2.081	4.281	3.766	9.83E-05	2.02E-04	1.78E-04	1.37E-04	2.81E-04	2.47E-04	4.84E-04	9.95E-04	8.76E-04
270	387018.93, 3750023.71	2.097	4.317	3.799	9.90E-05	2.04E-04	1.79E-04	1.38E-04	2.83E-04	2.49E-04	4.88E-04	1.00E-03	8.83E-04
271	387018.93, 3750048.71	2.115	4.354	3.83	9.99E-05	2.06E-04	1.81E-04	1.39E-04	2.86E-04	2.51E-04	4.92E-04	1.01E-03	8.90E-04
272	387018.93, 3750073.71	2.128	4.388	3.866	1.01E-04	2.07E-04	1.83E-04	1.40E-04	2.88E-04	2.54E-04	4.95E-04	1.02E-03	8.99E-04
273	387018.93, 3750098.71	2.147	4.426	3.897	1.01E-04	2.09E-04	1.84E-04	1.41E-04	2.90E-04	2.56E-04	4.99E-04	1.03E-03	9.06E-04
274	387018.93, 3750123.71	2.165	4.465	3.933	1.02E-04	2.11E-04	1.86E-04	1.42E-04	2.93E-04	2.58E-04	5.03E-04	1.04E-03	9.14E-04
275	387018.93, 3750148.71	2.198	4.512	3.958	1.04E-04	2.13E-04	1.87E-04	1.44E-04	2.96E-04	2.60E-04	5.11E-04	1.05E-03	9.20E-04
276	387018.93, 3750173.71	2.202	4.541	3.996	1.04E-04	2.14E-04	1.89E-04	1.44E-04	2.98E-04	2.62E-04	5.12E-04	1.06E-03	9.29E-04
277	387018.93, 3750198.71	2.228	4.585	4.025	1.05E-04	2.17E-04	1.90E-04	1.46E-04	3.01E-04	2.64E-04	5.18E-04	1.07E-03	9.36E-04
278	387018.93, 3750223.71	2.248	4.623	4.06	1.06E-04	2.18E-04	1.92E-04	1.47E-04	3.03E-04	2.66E-04	5.23E-04	1.07E-03	9.44E-04
279	387018.93, 3750248.71	2.28	4.671	4.09	1.08E-04	2.21E-04	1.93E-04	1.50E-04	3.06E-04	2.68E-04	5.30E-04	1.09E-03	9.51E-04
280	387018.93, 3750273.71	2.287	4.7	4.135	1.08E-04	2.22E-04	1.95E-04	1.50E-04	3.08E-04	2.71E-04	5.32E-04	1.09E-03	9.61E-04
281	387018.93, 3750298.71	2.31	4.741	4.171	1.09E-04	2.24E-04	1.97E-04	1.52E-04	3.11E-04	2.74E-04	5.37E-04	1.10E-03	9.70E-04
282	387018.93, 3750323.71	2.339	4.787	4.206	1.10E-04	2.26E-04	1.99E-04	1.53E-04	3.14E-04	2.76E-04	5.44E-04	1.11E-03	9.78E-04

283	387018.93, 3750348.71	2.359	4.826	4.244	1.11E-04	2.28E-04	2.00E-04	1.55E-04	3.17E-04	2.78E-04	5.48E-04	1.12E-03	9.87E-04
284	387018.93, 3750373.71	2.379	4.866	4.283	1.12E-04	2.30E-04	2.02E-04	1.56E-04	3.19E-04	2.81E-04	5.53E-04	1.13E-03	9.96E-04
285	387018.93, 3750398.71	2.394	4.904	4.323	1.13E-04	2.32E-04	2.04E-04	1.57E-04	3.22E-04	2.84E-04	5.57E-04	1.14E-03	1.00E-03
286	387018.93, 3750423.71	2.414	4.946	4.361	1.14E-04	2.34E-04	2.06E-04	1.58E-04	3.25E-04	2.86E-04	5.61E-04	1.15E-03	1.01E-03
287	387018.93, 3750448.71	2.428	4.991	4.402	1.15E-04	2.36E-04	2.08E-04	1.59E-04	3.28E-04	2.89E-04	5.64E-04	1.16E-03	1.02E-03
288	387018.93, 3750473.71	2.462	5.039	4.439	1.16E-04	2.38E-04	2.10E-04	1.62E-04	3.31E-04	2.91E-04	5.72E-04	1.17E-03	1.03E-03
289	387018.93, 3750498.71	2.478	5.079	4.481	1.17E-04	2.40E-04	2.12E-04	1.63E-04	3.33E-04	2.94E-04	5.76E-04	1.18E-03	1.04E-03
290	387018.93, 3750523.71	2.499	5.128	4.521	1.18E-04	2.42E-04	2.14E-04	1.64E-04	3.36E-04	2.97E-04	5.81E-04	1.19E-03	1.05E-03
291	387018.93, 3750548.71	2.529	5.179	4.558	1.19E-04	2.45E-04	2.15E-04	1.66E-04	3.40E-04	2.99E-04	5.88E-04	1.20E-03	1.06E-03
292	387018.93, 3750573.71	2.552	5.225	4.598	1.21E-04	2.47E-04	2.17E-04	1.67E-04	3.43E-04	3.02E-04	5.93E-04	1.21E-03	1.07E-03
293	387018.93, 3750598.71	2.575	5.273	4.638	1.22E-04	2.49E-04	2.19E-04	1.69E-04	3.46E-04	3.04E-04	5.99E-04	1.23E-03	1.08E-03
294	387018.93, 3750623.71	2.587	5.31	4.685	1.22E-04	2.51E-04	2.21E-04	1.70E-04	3.48E-04	3.07E-04	6.02E-04	1.23E-03	1.09E-03
295	387018.93, 3750648.71	2.606	5.36	4.726	1.23E-04	2.53E-04	2.23E-04	1.71E-04	3.52E-04	3.10E-04	6.06E-04	1.25E-03	1.10E-03
296	387018.93, 3750673.71	2.638	5.406	4.77	1.25E-04	2.55E-04	2.25E-04	1.73E-04	3.55E-04	3.13E-04	6.13E-04	1.26E-03	1.11E-03
297	387018.93, 3750698.71	2.646	5.455	4.814	1.25E-04	2.58E-04	2.27E-04	1.74E-04	3.58E-04	3.16E-04	6.15E-04	1.27E-03	1.12E-03
298	387018.93, 3750723.71	2.672	5.505	4.859	1.26E-04	2.60E-04	2.29E-04	1.75E-04	3.61E-04	3.19E-04	6.21E-04	1.28E-03	1.13E-03
299	387018.93, 3750748.71	2.694	5.553	4.902	1.27E-04	2.62E-04	2.32E-04	1.77E-04	3.64E-04	3.22E-04	6.26E-04	1.29E-03	1.14E-03
300	387018.93, 3750773.71	2.745	5.607	4.945	1.30E-04	2.65E-04	2.34E-04	1.80E-04	3.68E-04	3.24E-04	6.38E-04	1.30E-03	1.15E-03
301	387018.93, 3750798.71	2.766	5.655	4.996	1.31E-04	2.67E-04	2.36E-04	1.82E-04	3.71E-04	3.28E-04	6.43E-04	1.31E-03	1.16E-03
302	387018.93, 3750823.71	2.794	5.709	5.045	1.32E-04	2.70E-04	2.38E-04	1.83E-04	3.75E-04	3.31E-04	6.50E-04	1.33E-03	1.17E-03
303	387018.93, 3750848.71	2.822	5.764	5.095	1.33E-04	2.72E-04	2.41E-04	1.85E-04	3.78E-04	3.34E-04	6.56E-04	1.34E-03	1.18E-03
304	387018.93, 3750873.71	2.846	5.815	5.144	1.34E-04	2.75E-04	2.43E-04	1.87E-04	3.82E-04	3.38E-04	6.62E-04	1.35E-03	1.20E-03
305	387018.93, 3750898.71	2.879	5.87	5.188	1.36E-04	2.77E-04	2.45E-04	1.89E-04	3.85E-04	3.40E-04	6.69E-04	1.36E-03	1.21E-03
306	387018.93, 3750923.71	2.898	5.92	5.244	1.37E-04	2.80E-04	2.48E-04	1.90E-04	3.88E-04	3.44E-04	6.74E-04	1.38E-03	1.22E-03
307	387018.93, 3750948.71	2.932	5.98	5.297	1.38E-04	2.82E-04	2.50E-04	1.92E-04	3.92E-04	3.48E-04	6.82E-04	1.39E-03	1.23E-03
308	387018.93, 3750973.71	2.963	6.042	5.35	1.40E-04	2.85E-04	2.53E-04	1.94E-04	3.96E-04	3.51E-04	6.89E-04	1.40E-03	1.24E-03
309	387018.93, 3750998.71	2.99	6.102	5.399	1.41E-04	2.88E-04	2.55E-04	1.96E-04	4.00E-04	3.54E-04	6.95E-04	1.42E-03	1.26E-03
310	387018.93, 3751023.71	3.025	6.163	5.455	1.43E-04	2.91E-04	2.58E-04	1.98E-04	4.04E-04	3.58E-04	7.03E-04	1.43E-03	1.27E-03
311	387018.93, 3751048.71	3.057	6.222	5.51	1.44E-04	2.94E-04	2.60E-04	2.01E-04	4.08E-04	3.62E-04	7.11E-04	1.45E-03	1.28E-03
312	387018.93, 3751073.71	3.088	6.282	5.563	1.46E-04	2.97E-04	2.63E-04	2.03E-04	4.12E-04	3.65E-04	7.18E-04	1.46E-03	1.29E-03
313	387018.93, 3751098.71	3.081	6.324	5.594	1.46E-04	2.99E-04	2.64E-04	2.02E-04	4.15E-04	3.67E-04	7.16E-04	1.47E-03	1.30E-03
314	387018.93, 3751123.71	3.102	6.388	5.641	1.47E-04	3.02E-04	2.66E-04	2.04E-04	4.19E-04	3.70E-04	7.21E-04	1.49E-03	1.31E-03
315	387018.93, 3751148.71	3.136	6.457	5.701	1.48E-04	3.05E-04	2.69E-04	2.06E-04	4.24E-04	3.74E-04	7.29E-04	1.50E-03	1.33E-03
316	387018.93, 3751173.71	3.203	6.547	5.783	1.51E-04	3.09E-04	2.73E-04	2.10E-04	4.30E-04	3.79E-04	7.45E-04	1.52E-03	1.34E-03
317	387018.93, 3751198.71	3.218	6.605	5.833	1.52E-04	3.12E-04	2.75E-04	2.11E-04	4.33E-04	3.83E-04	7.48E-04	1.54E-03	1.36E-03
318	387018.93, 3751223.71	3.268	6.685	5.903	1.54E-04	3.16E-04	2.79E-04	2.14E-04	4.39E-04	3.87E-04	7.60E-04	1.55E-03	1.37E-03
319	387018.93, 3751248.71	3.278	6.736	5.939	1.55E-04	3.18E-04	2.80E-04	2.15E-04	4.42E-04	3.90E-04	7.62E-04	1.57E-03	1.38E-03
320	387018.93, 3751273.71	3.321	6.806	6.004	1.57E-04	3.21E-04	2.84E-04	2.18E-04	4.47E-04	3.94E-04	7.72E-04	1.58E-03	1.40E-03
321	387018.93, 3751298.71	3.367	6.877	6.071	1.59E-04	3.25E-04	2.87E-04	2.21E-04	4.51E-04	3.98E-04	7.83E-04	1.60E-03	1.41E-03
322	387018.93, 3751323.71	3.376	6.922	6.108	1.59E-04	3.27E-04	2.88E-04	2.22E-04	4.54E-04	4.01E-04	7.85E-04	1.61E-03	1.42E-03
323	387018.93, 3751348.71	3.406	6.988	6.167	1.61E-04	3.30E-04	2.91E-04	2.24E-04	4.59E-04	4.05E-04	7.92E-04	1.62E-03	1.43E-03

324	387018.93, 3751373.71	3.455	7.072	6.244	1.63E-04	3.34E-04	2.95E-04	2.27E-04	4.64E-04	4.10E-04	8.03E-04	1.64E-03	1.45E-03
325	387018.93, 3751398.71	3.484	7.14	6.302	1.65E-04	3.37E-04	2.98E-04	2.29E-04	4.69E-04	4.14E-04	8.10E-04	1.66E-03	1.47E-03
326	387018.93, 3751423.71	3.499	7.198	6.348	1.65E-04	3.40E-04	3.00E-04	2.30E-04	4.72E-04	4.16E-04	8.13E-04	1.67E-03	1.48E-03
327	387018.93, 3751448.71	3.501	7.236	6.376	1.65E-04	3.42E-04	3.01E-04	2.30E-04	4.75E-04	4.18E-04	8.14E-04	1.68E-03	1.48E-03
328	387018.93, 3751473.71	3.541	7.314	6.443	1.67E-04	3.45E-04	3.04E-04	2.32E-04	4.80E-04	4.23E-04	8.23E-04	1.70E-03	1.50E-03
329	387018.93, 3751498.71	3.58	7.391	6.506	1.69E-04	3.49E-04	3.07E-04	2.35E-04	4.85E-04	4.27E-04	8.32E-04	1.72E-03	1.51E-03
330	387018.93, 3751523.71	3.667	7.513	6.613	1.73E-04	3.55E-04	3.12E-04	2.41E-04	4.93E-04	4.34E-04	8.53E-04	1.75E-03	1.54E-03
331	387018.93, 3751548.71	3.72	7.596	6.676	1.76E-04	3.59E-04	3.15E-04	2.44E-04	4.98E-04	4.38E-04	8.65E-04	1.77E-03	1.55E-03
332	387018.93, 3751573.71	3.731	7.632	6.701	1.76E-04	3.60E-04	3.16E-04	2.45E-04	5.01E-04	4.40E-04	8.68E-04	1.77E-03	1.56E-03
333	387018.93, 3751598.71	3.744	7.674	6.735	1.77E-04	3.62E-04	3.18E-04	2.46E-04	5.04E-04	4.42E-04	8.70E-04	1.78E-03	1.57E-03
334	387018.93, 3751623.71	3.774	7.726	6.782	1.78E-04	3.65E-04	3.20E-04	2.48E-04	5.07E-04	4.45E-04	8.77E-04	1.80E-03	1.58E-03
335	387018.93, 3751648.71	3.799	7.767	6.832	1.79E-04	3.67E-04	3.23E-04	2.49E-04	5.10E-04	4.48E-04	8.83E-04	1.81E-03	1.59E-03
336	387018.93, 3751673.71	3.842	7.823	6.895	1.81E-04	3.69E-04	3.26E-04	2.52E-04	5.13E-04	4.52E-04	8.93E-04	1.82E-03	1.60E-03
337	387018.93, 3751698.71	3.804	7.79	6.877	1.80E-04	3.68E-04	3.25E-04	2.50E-04	5.11E-04	4.51E-04	8.84E-04	1.81E-03	1.60E-03
338	387018.93, 3751723.71	3.822	7.804	6.905	1.81E-04	3.69E-04	3.26E-04	2.51E-04	5.12E-04	4.53E-04	8.89E-04	1.81E-03	1.61E-03
339	387018.93, 3751748.71	3.867	7.84	6.964	1.83E-04	3.70E-04	3.29E-04	2.54E-04	5.14E-04	4.57E-04	8.99E-04	1.82E-03	1.62E-03
340	387018.93, 3751773.71	3.794	7.718	6.9	1.79E-04	3.64E-04	3.26E-04	2.49E-04	5.06E-04	4.53E-04	8.82E-04	1.79E-03	1.60E-03
341	387018.93, 3751798.71	3.734	7.587	6.827	1.76E-04	3.58E-04	3.22E-04	2.45E-04	4.98E-04	4.48E-04	8.68E-04	1.76E-03	1.59E-03
342	387018.93, 3751823.71	3.685	7.452	6.729	1.74E-04	3.52E-04	3.18E-04	2.42E-04	4.89E-04	4.42E-04	8.57E-04	1.73E-03	1.56E-03
343	387018.93, 3751848.71	3.534	7.193	6.504	1.67E-04	3.40E-04	3.07E-04	2.32E-04	4.72E-04	4.27E-04	8.22E-04	1.67E-03	1.51E-03
344	387018.93, 3751873.71	3.375	6.9	6.212	1.59E-04	3.26E-04	2.93E-04	2.21E-04	4.53E-04	4.08E-04	7.85E-04	1.60E-03	1.44E-03
345	387043.93, 3749698.71	1.997	4.078	3.6	9.43E-05	1.93E-04	1.70E-04	1.31E-04	2.68E-04	2.36E-04	4.64E-04	9.48E-04	8.37E-04
346	387043.93, 3749723.71	2.023	4.117	3.63	9.56E-05	1.94E-04	1.71E-04	1.33E-04	2.70E-04	2.38E-04	4.70E-04	9.57E-04	8.44E-04
347	387043.93, 3749748.71	2.045	4.163	3.669	9.66E-05	1.97E-04	1.73E-04	1.34E-04	2.73E-04	2.41E-04	4.75E-04	9.68E-04	8.53E-04
348	387043.93, 3749773.71	2.067	4.209	3.705	9.76E-05	1.99E-04	1.75E-04	1.36E-04	2.76E-04	2.43E-04	4.81E-04	9.78E-04	8.61E-04
349	387043.93, 3749798.71	2.088	4.255	3.739	9.86E-05	2.01E-04	1.77E-04	1.37E-04	2.79E-04	2.45E-04	4.85E-04	9.89E-04	8.69E-04
350	387043.93, 3749823.71	2.106	4.299	3.776	9.95E-05	2.03E-04	1.78E-04	1.38E-04	2.82E-04	2.48E-04	4.90E-04	1.00E-03	8.78E-04
351	387043.93, 3749848.71	2.117	4.342	3.823	1.00E-04	2.05E-04	1.81E-04	1.39E-04	2.85E-04	2.51E-04	4.92E-04	1.01E-03	8.89E-04
352	387043.93, 3749873.71	2.137	4.383	3.857	1.01E-04	2.07E-04	1.82E-04	1.40E-04	2.88E-04	2.53E-04	4.97E-04	1.02E-03	8.97E-04
353	387043.93, 3749898.71	2.15	4.425	3.896	1.02E-04	2.09E-04	1.84E-04	1.41E-04	2.90E-04	2.56E-04	5.00E-04	1.03E-03	9.06E-04
354	387043.93, 3749923.71	2.188	4.468	3.909	1.03E-04	2.11E-04	1.85E-04	1.44E-04	2.93E-04	2.56E-04	5.09E-04	1.04E-03	9.09E-04
355	387043.93, 3749948.71	2.199	4.507	3.958	1.04E-04	2.13E-04	1.87E-04	1.44E-04	2.96E-04	2.60E-04	5.11E-04	1.05E-03	9.20E-04
356	387043.93, 3749973.71	2.216	4.548	3.994	1.05E-04	2.15E-04	1.89E-04	1.45E-04	2.98E-04	2.62E-04	5.15E-04	1.06E-03	9.29E-04
357	387043.93, 3749998.71	2.23	4.59	4.032	1.05E-04	2.17E-04	1.90E-04	1.46E-04	3.01E-04	2.65E-04	5.18E-04	1.07E-03	9.37E-04
358	387043.93, 3750023.71	2.25	4.632	4.066	1.06E-04	2.19E-04	1.92E-04	1.48E-04	3.04E-04	2.67E-04	5.23E-04	1.08E-03	9.45E-04
359	387043.93, 3750048.71	2.27	4.673	4.101	1.07E-04	2.21E-04	1.94E-04	1.49E-04	3.07E-04	2.69E-04	5.28E-04	1.09E-03	9.53E-04
360	387043.93, 3750073.71	2.292	4.716	4.137	1.08E-04	2.23E-04	1.95E-04	1.50E-04	3.09E-04	2.71E-04	5.33E-04	1.10E-03	9.62E-04
361	387043.93, 3750098.71	2.314	4.76	4.175	1.09E-04	2.25E-04	1.97E-04	1.52E-04	3.12E-04	2.74E-04	5.38E-04	1.11E-03	9.71E-04
362	387043.93, 3750123.71	2.336	4.805	4.215	1.10E-04	2.27E-04	1.99E-04	1.53E-04	3.15E-04	2.77E-04	5.43E-04	1.12E-03	9.80E-04
363	387043.93, 3750148.71	2.367	4.855	4.252	1.12E-04	2.29E-04	2.01E-04	1.55E-04	3.19E-04	2.79E-04	5.50E-04	1.13E-03	9.88E-04
364	387043.93, 3750173.71	2.383	4.897	4.295	1.13E-04	2.31E-04	2.03E-04	1.56E-04	3.21E-04	2.82E-04	5.54E-04	1.14E-03	9.99E-04

365	387043.93, 3750198.71	2.406	4.942	4.337	1.14E-04	2.33E-04	2.05E-04	1.58E-04	3.24E-04	2.85E-04	5.59E-04	1.15E-03	1.01E-03
366	387043.93, 3750223.71	2.436	4.993	4.374	1.15E-04	2.36E-04	2.07E-04	1.60E-04	3.28E-04	2.87E-04	5.66E-04	1.16E-03	1.02E-03
367	387043.93, 3750248.71	2.468	5.043	4.414	1.17E-04	2.38E-04	2.08E-04	1.62E-04	3.31E-04	2.90E-04	5.74E-04	1.17E-03	1.03E-03
368	387043.93, 3750273.71	2.483	5.084	4.461	1.17E-04	2.40E-04	2.11E-04	1.63E-04	3.34E-04	2.93E-04	5.77E-04	1.18E-03	1.04E-03
369	387043.93, 3750298.71	2.508	5.13	4.505	1.18E-04	2.42E-04	2.13E-04	1.65E-04	3.37E-04	2.96E-04	5.83E-04	1.19E-03	1.05E-03
370	387043.93, 3750323.71	2.532	5.176	4.549	1.20E-04	2.44E-04	2.15E-04	1.66E-04	3.40E-04	2.99E-04	5.89E-04	1.20E-03	1.06E-03
371	387043.93, 3750348.71	2.561	5.219	4.591	1.21E-04	2.46E-04	2.17E-04	1.68E-04	3.42E-04	3.01E-04	5.95E-04	1.21E-03	1.07E-03
372	387043.93, 3750373.71	2.589	5.27	4.64	1.22E-04	2.49E-04	2.19E-04	1.70E-04	3.46E-04	3.04E-04	6.02E-04	1.23E-03	1.08E-03
373	387043.93, 3750398.71	2.613	5.318	4.684	1.23E-04	2.51E-04	2.21E-04	1.71E-04	3.49E-04	3.07E-04	6.07E-04	1.24E-03	1.09E-03
374	387043.93, 3750423.71	2.629	5.369	4.73	1.24E-04	2.54E-04	2.23E-04	1.73E-04	3.52E-04	3.10E-04	6.11E-04	1.25E-03	1.10E-03
375	387043.93, 3750448.71	2.654	5.425	4.775	1.25E-04	2.56E-04	2.26E-04	1.74E-04	3.56E-04	3.13E-04	6.17E-04	1.26E-03	1.11E-03
376	387043.93, 3750473.71	2.675	5.473	4.824	1.26E-04	2.58E-04	2.28E-04	1.76E-04	3.59E-04	3.17E-04	6.22E-04	1.27E-03	1.12E-03
377	387043.93, 3750498.71	2.707	5.533	4.869	1.28E-04	2.61E-04	2.30E-04	1.78E-04	3.63E-04	3.20E-04	6.29E-04	1.29E-03	1.13E-03
378	387043.93, 3750523.71	2.736	5.59	4.918	1.29E-04	2.64E-04	2.32E-04	1.80E-04	3.67E-04	3.23E-04	6.36E-04	1.30E-03	1.14E-03
379	387043.93, 3750548.71	2.765	5.647	4.967	1.31E-04	2.67E-04	2.35E-04	1.81E-04	3.71E-04	3.26E-04	6.43E-04	1.31E-03	1.15E-03
380	387043.93, 3750573.71	2.797	5.705	5.02	1.32E-04	2.69E-04	2.37E-04	1.83E-04	3.74E-04	3.29E-04	6.50E-04	1.33E-03	1.17E-03
381	387043.93, 3750598.71	2.825	5.761	5.07	1.33E-04	2.72E-04	2.39E-04	1.85E-04	3.78E-04	3.33E-04	6.57E-04	1.34E-03	1.18E-03
382	387043.93, 3750623.71	2.847	5.811	5.119	1.34E-04	2.74E-04	2.42E-04	1.87E-04	3.81E-04	3.36E-04	6.62E-04	1.35E-03	1.19E-03
383	387043.93, 3750648.71	2.877	5.868	5.172	1.36E-04	2.77E-04	2.44E-04	1.89E-04	3.85E-04	3.39E-04	6.69E-04	1.36E-03	1.20E-03
384	387043.93, 3750673.71	2.905	5.93	5.223	1.37E-04	2.80E-04	2.47E-04	1.91E-04	3.89E-04	3.43E-04	6.75E-04	1.38E-03	1.21E-03
385	387043.93, 3750698.71	2.933	5.987	5.275	1.38E-04	2.83E-04	2.49E-04	1.92E-04	3.93E-04	3.46E-04	6.82E-04	1.39E-03	1.23E-03
386	387043.93, 3750723.71	2.965	6.049	5.331	1.40E-04	2.86E-04	2.52E-04	1.95E-04	3.97E-04	3.50E-04	6.89E-04	1.41E-03	1.24E-03
387	387043.93, 3750748.71	2.996	6.111	5.387	1.42E-04	2.89E-04	2.54E-04	1.97E-04	4.01E-04	3.53E-04	6.97E-04	1.42E-03	1.25E-03
388	387043.93, 3750773.71	3.032	6.176	5.445	1.43E-04	2.92E-04	2.57E-04	1.99E-04	4.05E-04	3.57E-04	7.05E-04	1.44E-03	1.27E-03
389	387043.93, 3750798.71	3.043	6.222	5.498	1.44E-04	2.94E-04	2.60E-04	2.00E-04	4.08E-04	3.61E-04	7.07E-04	1.45E-03	1.28E-03
390	387043.93, 3750823.71	3.079	6.29	5.56	1.45E-04	2.97E-04	2.63E-04	2.02E-04	4.13E-04	3.65E-04	7.16E-04	1.46E-03	1.29E-03
391	387043.93, 3750848.71	3.106	6.356	5.619	1.47E-04	3.00E-04	2.65E-04	2.04E-04	4.17E-04	3.69E-04	7.22E-04	1.48E-03	1.31E-03
392	387043.93, 3750873.71	3.14	6.422	5.677	1.48E-04	3.03E-04	2.68E-04	2.06E-04	4.21E-04	3.73E-04	7.30E-04	1.49E-03	1.32E-03
393	387043.93, 3750898.71	3.191	6.494	5.736	1.51E-04	3.07E-04	2.71E-04	2.09E-04	4.26E-04	3.76E-04	7.42E-04	1.51E-03	1.33E-03
394	387043.93, 3750923.71	3.187	6.549	5.8	1.50E-04	3.09E-04	2.74E-04	2.09E-04	4.30E-04	3.81E-04	7.41E-04	1.52E-03	1.35E-03
395	387043.93, 3750948.71	3.231	6.627	5.87	1.53E-04	3.13E-04	2.77E-04	2.12E-04	4.35E-04	3.85E-04	7.51E-04	1.54E-03	1.36E-03
396	387043.93, 3750973.71	3.259	6.7	5.92	1.54E-04	3.16E-04	2.80E-04	2.14E-04	4.40E-04	3.88E-04	7.58E-04	1.56E-03	1.38E-03
397	387043.93, 3750998.71	3.307	6.783	5.992	1.56E-04	3.20E-04	2.83E-04	2.17E-04	4.45E-04	3.93E-04	7.69E-04	1.58E-03	1.39E-03
398	387043.93, 3751023.71	3.362	6.863	6.067	1.59E-04	3.24E-04	2.87E-04	2.21E-04	4.50E-04	3.98E-04	7.82E-04	1.60E-03	1.41E-03
399	387043.93, 3751048.71	3.384	6.927	6.125	1.60E-04	3.27E-04	2.89E-04	2.22E-04	4.55E-04	4.02E-04	7.87E-04	1.61E-03	1.42E-03
400	387043.93, 3751073.71	3.438	7.014	6.208	1.62E-04	3.31E-04	2.93E-04	2.26E-04	4.60E-04	4.07E-04	7.99E-04	1.63E-03	1.44E-03
401	387043.93, 3751098.71	3.449	7.077	6.252	1.63E-04	3.34E-04	2.95E-04	2.26E-04	4.64E-04	4.10E-04	8.02E-04	1.65E-03	1.45E-03
402	387043.93, 3751123.71	3.48	7.161	6.327	1.64E-04	3.38E-04	2.99E-04	2.28E-04	4.70E-04	4.15E-04	8.09E-04	1.66E-03	1.47E-03
403	387043.93, 3751148.71	3.521	7.249	6.404	1.66E-04	3.42E-04	3.02E-04	2.31E-04	4.76E-04	4.20E-04	8.19E-04	1.69E-03	1.49E-03
404	387043.93, 3751173.71	3.612	7.37	6.515	1.71E-04	3.48E-04	3.08E-04	2.37E-04	4.84E-04	4.27E-04	8.40E-04	1.71E-03	1.51E-03
405	387043.93, 3751198.71	3.622	7.443	6.57	1.71E-04	3.52E-04	3.10E-04	2.38E-04	4.88E-04	4.31E-04	8.42E-04	1.73E-03	1.53E-03

406	387043.93, 3751223.71	3.696	7.558	6.671	1.75E-04	3.57E-04	3.15E-04	2.43E-04	4.96E-04	4.38E-04	8.59E-04	1.76E-03	1.55E-03
407	387043.93, 3751248.71	3.704	7.622	6.709	1.75E-04	3.60E-04	3.17E-04	2.43E-04	5.00E-04	4.40E-04	8.61E-04	1.77E-03	1.56E-03
408	387043.93, 3751273.71	3.759	7.72	6.787	1.78E-04	3.65E-04	3.21E-04	2.47E-04	5.07E-04	4.45E-04	8.74E-04	1.79E-03	1.58E-03
409	387043.93, 3751298.71	3.829	7.826	6.884	1.81E-04	3.70E-04	3.25E-04	2.51E-04	5.14E-04	4.52E-04	8.90E-04	1.82E-03	1.60E-03
410	387043.93, 3751323.71	3.809	7.866	6.91	1.80E-04	3.71E-04	3.26E-04	2.50E-04	5.16E-04	4.53E-04	8.86E-04	1.83E-03	1.61E-03
411	387043.93, 3751348.71	3.866	7.973	7.008	1.83E-04	3.77E-04	3.31E-04	2.54E-04	5.23E-04	4.60E-04	8.99E-04	1.85E-03	1.63E-03
412	387043.93, 3751373.71	3.926	8.085	7.114	1.85E-04	3.82E-04	3.36E-04	2.58E-04	5.31E-04	4.67E-04	9.13E-04	1.88E-03	1.65E-03
413	387043.93, 3751398.71	3.975	8.187	7.208	1.88E-04	3.87E-04	3.40E-04	2.61E-04	5.37E-04	4.73E-04	9.24E-04	1.90E-03	1.68E-03
414	387043.93, 3751423.71	4.023	8.287	7.298	1.90E-04	3.91E-04	3.45E-04	2.64E-04	5.44E-04	4.79E-04	9.35E-04	1.93E-03	1.70E-03
415	387043.93, 3751448.71	4.041	8.356	7.352	1.91E-04	3.95E-04	3.47E-04	2.65E-04	5.48E-04	4.82E-04	9.39E-04	1.94E-03	1.71E-03
416	387043.93, 3751473.71	4.104	8.478	7.458	1.94E-04	4.00E-04	3.52E-04	2.69E-04	5.56E-04	4.89E-04	9.54E-04	1.97E-03	1.73E-03
417	387043.93, 3751498.71	4.172	8.607	7.568	1.97E-04	4.06E-04	3.57E-04	2.74E-04	5.65E-04	4.97E-04	9.70E-04	2.00E-03	1.76E-03
418	387043.93, 3751523.71	4.26	8.759	7.698	2.01E-04	4.14E-04	3.64E-04	2.80E-04	5.75E-04	5.05E-04	9.90E-04	2.04E-03	1.79E-03
419	387043.93, 3751548.71	4.368	8.923	7.83	2.06E-04	4.21E-04	3.70E-04	2.87E-04	5.85E-04	5.14E-04	1.02E-03	2.07E-03	1.82E-03
420	387043.93, 3751573.71	4.418	9.022	7.907	2.09E-04	4.26E-04	3.73E-04	2.90E-04	5.92E-04	5.19E-04	1.03E-03	2.10E-03	1.84E-03
421	387043.93, 3751598.71	4.458	9.114	7.973	2.11E-04	4.30E-04	3.77E-04	2.93E-04	5.98E-04	5.23E-04	1.04E-03	2.12E-03	1.85E-03
422	387043.93, 3751623.71	4.518	9.225	8.071	2.13E-04	4.36E-04	3.81E-04	2.96E-04	6.05E-04	5.30E-04	1.05E-03	2.14E-03	1.88E-03
423	387043.93, 3751648.71	4.556	9.303	8.159	2.15E-04	4.39E-04	3.85E-04	2.99E-04	6.10E-04	5.35E-04	1.06E-03	2.16E-03	1.90E-03
424	387043.93, 3751673.71	4.633	9.435	8.279	2.19E-04	4.46E-04	3.91E-04	3.04E-04	6.19E-04	5.43E-04	1.08E-03	2.19E-03	1.92E-03
425	387043.93, 3751698.71	4.65	9.485	8.322	2.20E-04	4.48E-04	3.93E-04	3.05E-04	6.22E-04	5.46E-04	1.08E-03	2.21E-03	1.93E-03
426	387043.93, 3751723.71	4.73	9.601	8.439	2.23E-04	4.53E-04	3.99E-04	3.10E-04	6.30E-04	5.54E-04	1.10E-03	2.23E-03	1.96E-03
427	387043.93, 3751748.71	4.743	9.631	8.463	2.24E-04	4.55E-04	4.00E-04	3.11E-04	6.32E-04	5.55E-04	1.10E-03	2.24E-03	1.97E-03
428	387043.93, 3751773.71	4.694	9.553	8.414	2.22E-04	4.51E-04	3.97E-04	3.08E-04	6.27E-04	5.52E-04	1.09E-03	2.22E-03	1.96E-03
429	387043.93, 3751798.71	4.614	9.408	8.312	2.18E-04	4.44E-04	3.93E-04	3.03E-04	6.17E-04	5.45E-04	1.07E-03	2.19E-03	1.93E-03
430	387043.93, 3751823.71	4.588	9.316	8.273	2.17E-04	4.40E-04	3.91E-04	3.01E-04	6.11E-04	5.43E-04	1.07E-03	2.17E-03	1.92E-03
431	387043.93, 3751848.71	4.452	9.006	8.047	2.10E-04	4.25E-04	3.80E-04	2.92E-04	5.91E-04	5.28E-04	1.03E-03	2.09E-03	1.87E-03
432	387043.93, 3751873.71	4.264	8.616	7.736	2.01E-04	4.07E-04	3.65E-04	2.80E-04	5.65E-04	5.08E-04	9.91E-04	2.00E-03	1.80E-03
433	387068.93, 3749448.71	1.894	3.813	3.339	8.95E-05	1.80E-04	1.58E-04	1.24E-04	2.50E-04	2.19E-04	4.40E-04	8.86E-04	7.76E-04
434	387068.93, 3749473.71	1.918	3.882	3.39	9.06E-05	1.83E-04	1.60E-04	1.26E-04	2.55E-04	2.22E-04	4.46E-04	9.02E-04	7.88E-04
435	387068.93, 3749498.71	1.943	3.95	3.448	9.18E-05	1.87E-04	1.63E-04	1.27E-04	2.59E-04	2.26E-04	4.52E-04	9.18E-04	8.02E-04
436	387068.93, 3749523.71	1.973	3.996	3.508	9.32E-05	1.89E-04	1.66E-04	1.29E-04	2.62E-04	2.30E-04	4.59E-04	9.29E-04	8.16E-04
437	387068.93, 3749548.71	2.001	4.049	3.566	9.45E-05	1.91E-04	1.68E-04	1.31E-04	2.66E-04	2.34E-04	4.65E-04	9.41E-04	8.29E-04
438	387068.93, 3749573.71	2.03	4.1	3.603	9.59E-05	1.94E-04	1.70E-04	1.33E-04	2.69E-04	2.36E-04	4.72E-04	9.53E-04	8.38E-04
439	387068.93, 3749598.71	2.046	4.165	3.676	9.66E-05	1.97E-04	1.74E-04	1.34E-04	2.73E-04	2.41E-04	4.76E-04	9.68E-04	8.55E-04
440	387068.93, 3749623.71	2.078	4.215	3.719	9.81E-05	1.99E-04	1.76E-04	1.36E-04	2.77E-04	2.44E-04	4.83E-04	9.80E-04	8.65E-04
441	387068.93, 3749648.71	2.108	4.256	3.752	9.95E-05	2.01E-04	1.77E-04	1.38E-04	2.79E-04	2.46E-04	4.90E-04	9.89E-04	8.72E-04
442	387068.93, 3749673.71	2.126	4.317	3.809	1.00E-04	2.04E-04	1.80E-04	1.39E-04	2.83E-04	2.50E-04	4.94E-04	1.00E-03	8.85E-04
443	387068.93, 3749698.71	2.152	4.366	3.848	1.02E-04	2.06E-04	1.82E-04	1.41E-04	2.86E-04	2.52E-04	5.00E-04	1.02E-03	8.95E-04
444	387068.93, 3749723.71	2.177	4.416	3.887	1.03E-04	2.09E-04	1.84E-04	1.43E-04	2.90E-04	2.55E-04	5.06E-04	1.03E-03	9.04E-04
445	387068.93, 3749748.71	2.198	4.464	3.93	1.04E-04	2.11E-04	1.86E-04	1.44E-04	2.93E-04	2.58E-04	5.11E-04	1.04E-03	9.14E-04
446	387068.93, 3749773.71	2.221	4.515	3.971	1.05E-04	2.13E-04	1.88E-04	1.46E-04	2.96E-04	2.61E-04	5.16E-04	1.05E-03	9.23E-04

447	387068.93, 3749798.71	2.245	4.562	4.007	1.06E-04	2.15E-04	1.89E-04	1.47E-04	2.99E-04	2.63E-04	5.22E-04	1.06E-03	9.32E-04
448	387068.93, 3749823.71	2.267	4.614	4.052	1.07E-04	2.18E-04	1.91E-04	1.49E-04	3.03E-04	2.66E-04	5.27E-04	1.07E-03	9.42E-04
449	387068.93, 3749848.71	2.288	4.668	4.09	1.08E-04	2.20E-04	1.93E-04	1.50E-04	3.06E-04	2.68E-04	5.32E-04	1.09E-03	9.51E-04
450	387068.93, 3749873.71	2.311	4.715	4.129	1.09E-04	2.23E-04	1.95E-04	1.52E-04	3.09E-04	2.71E-04	5.37E-04	1.10E-03	9.60E-04
451	387068.93, 3749898.71	2.332	4.761	4.165	1.10E-04	2.25E-04	1.97E-04	1.53E-04	3.12E-04	2.73E-04	5.42E-04	1.11E-03	9.68E-04
452	387068.93, 3749923.71	2.358	4.806	4.205	1.11E-04	2.27E-04	1.99E-04	1.55E-04	3.15E-04	2.76E-04	5.48E-04	1.12E-03	9.78E-04
453	387068.93, 3749948.71	2.378	4.853	4.244	1.12E-04	2.29E-04	2.00E-04	1.56E-04	3.18E-04	2.79E-04	5.53E-04	1.13E-03	9.87E-04
454	387068.93, 3749973.71	2.398	4.898	4.288	1.13E-04	2.31E-04	2.02E-04	1.57E-04	3.21E-04	2.81E-04	5.58E-04	1.14E-03	9.97E-04
455	387068.93, 3749998.71	2.415	4.948	4.336	1.14E-04	2.34E-04	2.05E-04	1.58E-04	3.25E-04	2.84E-04	5.62E-04	1.15E-03	1.01E-03
456	387068.93, 3750023.71	2.435	4.996	4.381	1.15E-04	2.36E-04	2.07E-04	1.60E-04	3.28E-04	2.87E-04	5.66E-04	1.16E-03	1.02E-03
457	387068.93, 3750048.71	2.454	5.043	4.425	1.16E-04	2.38E-04	2.09E-04	1.61E-04	3.31E-04	2.90E-04	5.71E-04	1.17E-03	1.03E-03
458	387068.93, 3750073.71	2.48	5.094	4.469	1.17E-04	2.41E-04	2.11E-04	1.63E-04	3.34E-04	2.93E-04	5.77E-04	1.18E-03	1.04E-03
459	387068.93, 3750098.71	2.51	5.147	4.512	1.19E-04	2.43E-04	2.13E-04	1.65E-04	3.38E-04	2.96E-04	5.84E-04	1.20E-03	1.05E-03
460	387068.93, 3750123.71	2.535	5.199	4.558	1.20E-04	2.46E-04	2.15E-04	1.66E-04	3.41E-04	2.99E-04	5.89E-04	1.21E-03	1.06E-03
461	387068.93, 3750148.71	2.566	5.256	4.598	1.21E-04	2.48E-04	2.17E-04	1.68E-04	3.45E-04	3.02E-04	5.97E-04	1.22E-03	1.07E-03
462	387068.93, 3750173.71	2.587	5.305	4.652	1.22E-04	2.51E-04	2.20E-04	1.70E-04	3.48E-04	3.05E-04	6.01E-04	1.23E-03	1.08E-03
463	387068.93, 3750198.71	2.617	5.361	4.694	1.24E-04	2.53E-04	2.22E-04	1.72E-04	3.52E-04	3.08E-04	6.08E-04	1.25E-03	1.09E-03
464	387068.93, 3750223.71	2.634	5.406	4.752	1.24E-04	2.55E-04	2.24E-04	1.73E-04	3.55E-04	3.12E-04	6.12E-04	1.26E-03	1.10E-03
465	387068.93, 3750248.71	2.677	5.471	4.794	1.26E-04	2.58E-04	2.26E-04	1.76E-04	3.59E-04	3.15E-04	6.22E-04	1.27E-03	1.11E-03
466	387068.93, 3750273.71	2.699	5.521	4.846	1.27E-04	2.61E-04	2.29E-04	1.77E-04	3.62E-04	3.18E-04	6.27E-04	1.28E-03	1.13E-03
467	387068.93, 3750298.71	2.726	5.575	4.9	1.29E-04	2.63E-04	2.31E-04	1.79E-04	3.66E-04	3.22E-04	6.34E-04	1.30E-03	1.14E-03
468	387068.93, 3750323.71	2.754	5.629	4.954	1.30E-04	2.66E-04	2.34E-04	1.81E-04	3.69E-04	3.25E-04	6.40E-04	1.31E-03	1.15E-03
469	387068.93, 3750348.71	2.778	5.682	5.008	1.31E-04	2.68E-04	2.37E-04	1.82E-04	3.73E-04	3.29E-04	6.46E-04	1.32E-03	1.16E-03
470	387068.93, 3750373.71	2.823	5.742	5.051	1.33E-04	2.71E-04	2.39E-04	1.85E-04	3.77E-04	3.31E-04	6.56E-04	1.33E-03	1.17E-03
471	387068.93, 3750398.71	2.848	5.798	5.108	1.35E-04	2.74E-04	2.41E-04	1.87E-04	3.80E-04	3.35E-04	6.62E-04	1.35E-03	1.19E-03
472	387068.93, 3750423.71	2.861	5.856	5.172	1.35E-04	2.77E-04	2.44E-04	1.88E-04	3.84E-04	3.39E-04	6.65E-04	1.36E-03	1.20E-03
473	387068.93, 3750448.71	2.89	5.917	5.227	1.36E-04	2.79E-04	2.47E-04	1.90E-04	3.88E-04	3.43E-04	6.72E-04	1.38E-03	1.22E-03
474	387068.93, 3750473.71	2.934	5.993	5.279	1.39E-04	2.83E-04	2.49E-04	1.92E-04	3.93E-04	3.46E-04	6.82E-04	1.39E-03	1.23E-03
475	387068.93, 3750498.71	2.951	6.048	5.337	1.39E-04	2.86E-04	2.52E-04	1.94E-04	3.97E-04	3.50E-04	6.86E-04	1.41E-03	1.24E-03
476	387068.93, 3750523.71	2.975	6.106	5.391	1.41E-04	2.88E-04	2.55E-04	1.95E-04	4.01E-04	3.54E-04	6.92E-04	1.42E-03	1.25E-03
477	387068.93, 3750548.71	3.009	6.174	5.45	1.42E-04	2.92E-04	2.57E-04	1.97E-04	4.05E-04	3.58E-04	6.99E-04	1.44E-03	1.27E-03
478	387068.93, 3750573.71	3.058	6.255	5.512	1.44E-04	2.95E-04	2.60E-04	2.01E-04	4.10E-04	3.62E-04	7.11E-04	1.45E-03	1.28E-03
479	387068.93, 3750598.71	3.088	6.321	5.574	1.46E-04	2.99E-04	2.63E-04	2.03E-04	4.15E-04	3.66E-04	7.18E-04	1.47E-03	1.30E-03
480	387068.93, 3750623.71	3.12	6.388	5.637	1.47E-04	3.02E-04	2.66E-04	2.05E-04	4.19E-04	3.70E-04	7.25E-04	1.49E-03	1.31E-03
481	387068.93, 3750648.71	3.152	6.455	5.699	1.49E-04	3.05E-04	2.69E-04	2.07E-04	4.24E-04	3.74E-04	7.33E-04	1.50E-03	1.32E-03
482	387068.93, 3750673.71	3.188	6.526	5.764	1.51E-04	3.08E-04	2.72E-04	2.09E-04	4.28E-04	3.78E-04	7.41E-04	1.52E-03	1.34E-03
483	387068.93, 3750698.71	3.224	6.601	5.83	1.52E-04	3.12E-04	2.75E-04	2.12E-04	4.33E-04	3.83E-04	7.50E-04	1.53E-03	1.36E-03
484	387068.93, 3750723.71	3.26	6.685	5.895	1.54E-04	3.16E-04	2.78E-04	2.14E-04	4.39E-04	3.87E-04	7.58E-04	1.55E-03	1.37E-03
485	387068.93, 3750748.71	3.301	6.757	5.964	1.56E-04	3.19E-04	2.82E-04	2.17E-04	4.43E-04	3.91E-04	7.68E-04	1.57E-03	1.39E-03
486	387068.93, 3750773.71	3.348	6.837	6.04	1.58E-04	3.23E-04	2.85E-04	2.20E-04	4.49E-04	3.96E-04	7.78E-04	1.59E-03	1.40E-03
487	387068.93, 3750798.71	3.374	6.918	6.104	1.59E-04	3.27E-04	2.88E-04	2.21E-04	4.54E-04	4.01E-04	7.85E-04	1.61E-03	1.42E-03

488	387068.93, 3750823.71	3.413	7.003	6.179	1.61E-04	3.31E-04	2.92E-04	2.24E-04	4.60E-04	4.05E-04	7.94E-04	1.63E-03	1.44E-03
489	387068.93, 3750848.71	3.45	7.086	6.256	1.63E-04	3.35E-04	2.95E-04	2.26E-04	4.65E-04	4.10E-04	8.02E-04	1.65E-03	1.45E-03
490	387068.93, 3750873.71	3.494	7.172	6.33	1.65E-04	3.39E-04	2.99E-04	2.29E-04	4.71E-04	4.15E-04	8.12E-04	1.67E-03	1.47E-03
491	387068.93, 3750898.71	3.574	7.264	6.408	1.69E-04	3.43E-04	3.03E-04	2.35E-04	4.77E-04	4.20E-04	8.31E-04	1.69E-03	1.49E-03
492	387068.93, 3750923.71	3.583	7.334	6.471	1.69E-04	3.46E-04	3.06E-04	2.35E-04	4.81E-04	4.25E-04	8.33E-04	1.71E-03	1.50E-03
493	387068.93, 3750948.71	3.626	7.435	6.559	1.71E-04	3.51E-04	3.10E-04	2.38E-04	4.88E-04	4.30E-04	8.43E-04	1.73E-03	1.52E-03
494	387068.93, 3750973.71	3.68	7.541	6.646	1.74E-04	3.56E-04	3.14E-04	2.41E-04	4.95E-04	4.36E-04	8.56E-04	1.75E-03	1.55E-03
495	387068.93, 3750998.71	3.729	7.643	6.727	1.76E-04	3.61E-04	3.18E-04	2.45E-04	5.02E-04	4.41E-04	8.67E-04	1.78E-03	1.56E-03
496	387068.93, 3751023.71	3.769	7.732	6.798	1.78E-04	3.65E-04	3.21E-04	2.47E-04	5.07E-04	4.46E-04	8.76E-04	1.80E-03	1.58E-03
497	387068.93, 3751048.71	3.818	7.825	6.884	1.80E-04	3.70E-04	3.25E-04	2.51E-04	5.13E-04	4.52E-04	8.88E-04	1.82E-03	1.60E-03
498	387068.93, 3751073.71	3.886	7.94	6.998	1.84E-04	3.75E-04	3.31E-04	2.55E-04	5.21E-04	4.59E-04	9.03E-04	1.85E-03	1.63E-03
499	387068.93, 3751098.71	3.921	8.037	7.068	1.85E-04	3.80E-04	3.34E-04	2.57E-04	5.27E-04	4.64E-04	9.12E-04	1.87E-03	1.64E-03
500	387068.93, 3751123.71	3.961	8.144	7.164	1.87E-04	3.85E-04	3.38E-04	2.60E-04	5.34E-04	4.70E-04	9.21E-04	1.89E-03	1.67E-03
501	387068.93, 3751148.71	4.021	8.267	7.271	1.90E-04	3.90E-04	3.43E-04	2.64E-04	5.42E-04	4.77E-04	9.35E-04	1.92E-03	1.69E-03
502	387068.93, 3751173.71	4.123	8.426	7.431	1.95E-04	3.98E-04	3.51E-04	2.71E-04	5.53E-04	4.88E-04	9.59E-04	1.96E-03	1.73E-03
503	387068.93, 3751198.71	4.144	8.52	7.477	1.96E-04	4.02E-04	3.53E-04	2.72E-04	5.59E-04	4.91E-04	9.63E-04	1.98E-03	1.74E-03
504	387068.93, 3751223.71	4.248	8.688	7.637	2.01E-04	4.10E-04	3.61E-04	2.79E-04	5.70E-04	5.01E-04	9.88E-04	2.02E-03	1.78E-03
505	387068.93, 3751248.71	4.313	8.821	7.738	2.04E-04	4.17E-04	3.65E-04	2.83E-04	5.79E-04	5.08E-04	1.00E-03	2.05E-03	1.80E-03
506	387068.93, 3751273.71	4.362	8.941	7.814	2.06E-04	4.22E-04	3.69E-04	2.86E-04	5.87E-04	5.13E-04	1.01E-03	2.08E-03	1.82E-03
507	387068.93, 3751298.71	4.45	9.087	7.953	2.10E-04	4.29E-04	3.76E-04	2.92E-04	5.96E-04	5.22E-04	1.03E-03	2.11E-03	1.85E-03
508	387068.93, 3751323.71	4.47	9.173	8.012	2.11E-04	4.33E-04	3.78E-04	2.93E-04	6.02E-04	5.26E-04	1.04E-03	2.13E-03	1.86E-03
509	387068.93, 3751348.71	4.532	9.319	8.157	2.14E-04	4.40E-04	3.85E-04	2.97E-04	6.11E-04	5.35E-04	1.05E-03	2.17E-03	1.90E-03
510	387068.93, 3751373.71	4.601	9.468	8.292	2.17E-04	4.47E-04	3.92E-04	3.02E-04	6.21E-04	5.44E-04	1.07E-03	2.20E-03	1.93E-03
511	387068.93, 3751398.71	4.677	9.622	8.429	2.21E-04	4.54E-04	3.98E-04	3.07E-04	6.31E-04	5.53E-04	1.09E-03	2.24E-03	1.96E-03
512	387068.93, 3751423.71	4.747	9.772	8.558	2.24E-04	4.62E-04	4.04E-04	3.11E-04	6.41E-04	5.62E-04	1.10E-03	2.27E-03	1.99E-03
513	387068.93, 3751448.71	4.789	9.887	8.662	2.26E-04	4.67E-04	4.09E-04	3.14E-04	6.49E-04	5.68E-04	1.11E-03	2.30E-03	2.01E-03
514	387068.93, 3751473.71	4.89	10.08	8.834	2.31E-04	4.76E-04	4.17E-04	3.21E-04	6.62E-04	5.80E-04	1.14E-03	2.34E-03	2.05E-03
515	387068.93, 3751498.71	4.992	10.29	9.006	2.36E-04	4.86E-04	4.25E-04	3.28E-04	6.75E-04	5.91E-04	1.16E-03	2.39E-03	2.09E-03
516	387068.93, 3751523.71	5.188	10.6	9.294	2.45E-04	5.00E-04	4.39E-04	3.40E-04	6.95E-04	6.10E-04	1.21E-03	2.46E-03	2.16E-03
517	387068.93, 3751548.71	5.269	10.78	9.465	2.49E-04	5.09E-04	4.47E-04	3.46E-04	7.07E-04	6.21E-04	1.22E-03	2.51E-03	2.20E-03
518	387068.93, 3751573.71	5.397	11	9.678	2.55E-04	5.19E-04	4.57E-04	3.54E-04	7.22E-04	6.35E-04	1.25E-03	2.56E-03	2.25E-03
519	387068.93, 3751598.71	5.499	11.2	9.853	2.60E-04	5.29E-04	4.65E-04	3.61E-04	7.35E-04	6.47E-04	1.28E-03	2.60E-03	2.29E-03
520	387068.93, 3751623.71	5.599	11.41	10.02	2.64E-04	5.39E-04	4.73E-04	3.67E-04	7.48E-04	6.57E-04	1.30E-03	2.65E-03	2.33E-03
521	387068.93, 3751648.71	5.701	11.6	10.2	2.69E-04	5.48E-04	4.81E-04	3.74E-04	7.61E-04	6.69E-04	1.33E-03	2.70E-03	2.37E-03
522	387068.93, 3751673.71	5.819	11.83	10.39	2.75E-04	5.59E-04	4.91E-04	3.82E-04	7.76E-04	6.82E-04	1.35E-03	2.75E-03	2.42E-03
523	387068.93, 3751698.71	5.875	11.97	10.5	2.77E-04	5.66E-04	4.96E-04	3.85E-04	7.86E-04	6.89E-04	1.37E-03	2.78E-03	2.44E-03
524	387068.93, 3751723.71	5.942	12.11	10.62	2.81E-04	5.72E-04	5.02E-04	3.90E-04	7.95E-04	6.97E-04	1.38E-03	2.82E-03	2.47E-03
525	387068.93, 3751748.71	6.037	12.31	10.77	2.85E-04	5.81E-04	5.09E-04	3.96E-04	8.07E-04	7.07E-04	1.40E-03	2.86E-03	2.50E-03
526	387068.93, 3751773.71	6.063	12.37	10.85	2.86E-04	5.84E-04	5.12E-04	3.98E-04	8.12E-04	7.12E-04	1.41E-03	2.88E-03	2.52E-03
527	387068.93, 3751798.71	6.08	12.41	10.88	2.87E-04	5.86E-04	5.14E-04	3.99E-04	8.14E-04	7.14E-04	1.41E-03	2.89E-03	2.53E-03
528	387068.93, 3751823.71	6.068	12.38	10.89	2.87E-04	5.85E-04	5.14E-04	3.98E-04	8.12E-04	7.14E-04	1.41E-03	2.88E-03	2.53E-03

529	387068.93, 3751848.71	5.983	12.16	10.73	2.83E-04	5.74E-04	5.07E-04	3.93E-04	7.98E-04	7.04E-04	1.39E-03	2.83E-03	2.49E-03
530	387068.93, 3751873.71	5.826	11.81	10.37	2.75E-04	5.58E-04	4.90E-04	3.82E-04	7.75E-04	6.80E-04	1.35E-03	2.74E-03	2.41E-03
531	387093.93, 3749198.71	1.691	3.428	2.993	7.99E-05	1.62E-04	1.41E-04	1.11E-04	2.25E-04	1.96E-04	3.93E-04	7.97E-04	6.96E-04
532	387093.93, 3749223.71	1.734	3.491	3.057	8.19E-05	1.65E-04	1.44E-04	1.14E-04	2.29E-04	2.01E-04	4.03E-04	8.12E-04	7.11E-04
533	387093.93, 3749248.71	1.771	3.573	3.123	8.36E-05	1.69E-04	1.47E-04	1.16E-04	2.34E-04	2.05E-04	4.12E-04	8.31E-04	7.26E-04
534	387093.93, 3749273.71	1.807	3.645	3.185	8.53E-05	1.72E-04	1.50E-04	1.19E-04	2.39E-04	2.09E-04	4.20E-04	8.47E-04	7.40E-04
535	387093.93, 3749298.71	1.841	3.72	3.248	8.70E-05	1.76E-04	1.53E-04	1.21E-04	2.44E-04	2.13E-04	4.28E-04	8.65E-04	7.55E-04
536	387093.93, 3749323.71	1.876	3.787	3.31	8.86E-05	1.79E-04	1.56E-04	1.23E-04	2.48E-04	2.17E-04	4.36E-04	8.80E-04	7.70E-04
537	387093.93, 3749348.71	1.915	3.837	3.363	9.04E-05	1.81E-04	1.59E-04	1.26E-04	2.52E-04	2.21E-04	4.45E-04	8.92E-04	7.82E-04
538	387093.93, 3749373.71	1.959	3.894	3.41	9.25E-05	1.84E-04	1.61E-04	1.29E-04	2.55E-04	2.24E-04	4.55E-04	9.05E-04	7.93E-04
539	387093.93, 3749398.71	1.99	3.958	3.469	9.40E-05	1.87E-04	1.64E-04	1.31E-04	2.60E-04	2.28E-04	4.63E-04	9.20E-04	8.07E-04
540	387093.93, 3749423.71	2.019	4.024	3.531	9.54E-05	1.90E-04	1.67E-04	1.32E-04	2.64E-04	2.32E-04	4.69E-04	9.35E-04	8.21E-04
541	387093.93, 3749448.71	2.047	4.096	3.586	9.67E-05	1.93E-04	1.69E-04	1.34E-04	2.69E-04	2.35E-04	4.76E-04	9.52E-04	8.34E-04
542	387093.93, 3749473.71	2.07	4.163	3.645	9.78E-05	1.97E-04	1.72E-04	1.36E-04	2.73E-04	2.39E-04	4.81E-04	9.68E-04	8.47E-04
543	387093.93, 3749498.71	2.101	4.227	3.699	9.92E-05	2.00E-04	1.75E-04	1.38E-04	2.77E-04	2.43E-04	4.88E-04	9.83E-04	8.60E-04
544	387093.93, 3749523.71	2.133	4.289	3.754	1.01E-04	2.03E-04	1.77E-04	1.40E-04	2.81E-04	2.46E-04	4.96E-04	9.97E-04	8.73E-04
545	387093.93, 3749548.71	2.16	4.353	3.818	1.02E-04	2.06E-04	1.80E-04	1.42E-04	2.86E-04	2.51E-04	5.02E-04	1.01E-03	8.88E-04
546	387093.93, 3749573.71	2.184	4.424	3.895	1.03E-04	2.09E-04	1.84E-04	1.43E-04	2.90E-04	2.56E-04	5.08E-04	1.03E-03	9.05E-04
547	387093.93, 3749598.71	2.21	4.486	3.949	1.04E-04	2.12E-04	1.86E-04	1.45E-04	2.94E-04	2.59E-04	5.14E-04	1.04E-03	9.18E-04
548	387093.93, 3749623.71	2.243	4.542	4	1.06E-04	2.14E-04	1.89E-04	1.47E-04	2.98E-04	2.62E-04	5.22E-04	1.06E-03	9.30E-04
549	387093.93, 3749648.71	2.273	4.58	4.034	1.07E-04	2.16E-04	1.91E-04	1.49E-04	3.01E-04	2.65E-04	5.29E-04	1.06E-03	9.38E-04
550	387093.93, 3749673.71	2.297	4.65	4.102	1.08E-04	2.20E-04	1.94E-04	1.51E-04	3.05E-04	2.69E-04	5.34E-04	1.08E-03	9.54E-04
551	387093.93, 3749698.71	2.318	4.706	4.15	1.09E-04	2.22E-04	1.96E-04	1.52E-04	3.09E-04	2.72E-04	5.39E-04	1.09E-03	9.65E-04
552	387093.93, 3749723.71	2.345	4.76	4.193	1.11E-04	2.25E-04	1.98E-04	1.54E-04	3.12E-04	2.75E-04	5.45E-04	1.11E-03	9.75E-04
553	387093.93, 3749748.71	2.372	4.815	4.234	1.12E-04	2.27E-04	2.00E-04	1.56E-04	3.16E-04	2.78E-04	5.51E-04	1.12E-03	9.84E-04
554	387093.93, 3749773.71	2.397	4.871	4.279	1.13E-04	2.30E-04	2.02E-04	1.57E-04	3.20E-04	2.81E-04	5.57E-04	1.13E-03	9.95E-04
555	387093.93, 3749798.71	2.423	4.933	4.327	1.14E-04	2.33E-04	2.04E-04	1.59E-04	3.24E-04	2.84E-04	5.63E-04	1.15E-03	1.01E-03
556	387093.93, 3749823.71	2.438	4.987	4.378	1.15E-04	2.36E-04	2.07E-04	1.60E-04	3.27E-04	2.87E-04	5.67E-04	1.16E-03	1.02E-03
557	387093.93, 3749848.71	2.457	5.038	4.422	1.16E-04	2.38E-04	2.09E-04	1.61E-04	3.31E-04	2.90E-04	5.71E-04	1.17E-03	1.03E-03
558	387093.93, 3749873.71	2.483	5.089	4.468	1.17E-04	2.40E-04	2.11E-04	1.63E-04	3.34E-04	2.93E-04	5.77E-04	1.18E-03	1.04E-03
559	387093.93, 3749898.71	2.512	5.142	4.513	1.19E-04	2.43E-04	2.13E-04	1.65E-04	3.37E-04	2.96E-04	5.84E-04	1.20E-03	1.05E-03
560	387093.93, 3749923.71	2.553	5.198	4.551	1.21E-04	2.45E-04	2.15E-04	1.68E-04	3.41E-04	2.99E-04	5.94E-04	1.21E-03	1.06E-03
561	387093.93, 3749948.71	2.563	5.248	4.608	1.21E-04	2.48E-04	2.18E-04	1.68E-04	3.44E-04	3.02E-04	5.96E-04	1.22E-03	1.07E-03
562	387093.93, 3749973.71	2.589	5.303	4.657	1.22E-04	2.50E-04	2.20E-04	1.70E-04	3.48E-04	3.06E-04	6.02E-04	1.23E-03	1.08E-03
563	387093.93, 3749998.71	2.608	5.357	4.706	1.23E-04	2.53E-04	2.22E-04	1.71E-04	3.52E-04	3.09E-04	6.06E-04	1.25E-03	1.09E-03
564	387093.93, 3750023.71	2.638	5.416	4.757	1.25E-04	2.56E-04	2.25E-04	1.73E-04	3.55E-04	3.12E-04	6.13E-04	1.26E-03	1.11E-03
565	387093.93, 3750048.71	2.652	5.464	4.81	1.25E-04	2.58E-04	2.27E-04	1.74E-04	3.59E-04	3.16E-04	6.17E-04	1.27E-03	1.12E-03
566	387093.93, 3750073.71	2.684	5.524	4.858	1.27E-04	2.61E-04	2.29E-04	1.76E-04	3.62E-04	3.19E-04	6.24E-04	1.28E-03	1.13E-03
567	387093.93, 3750098.71	2.714	5.583	4.91	1.28E-04	2.64E-04	2.32E-04	1.78E-04	3.66E-04	3.22E-04	6.31E-04	1.30E-03	1.14E-03
568	387093.93, 3750123.71	2.745	5.645	4.963	1.30E-04	2.67E-04	2.34E-04	1.80E-04	3.70E-04	3.26E-04	6.38E-04	1.31E-03	1.15E-03
569	387093.93, 3750148.71	2.798	5.723	5.015	1.32E-04	2.70E-04	2.37E-04	1.84E-04	3.76E-04	3.29E-04	6.51E-04	1.33E-03	1.17E-03

570	387093.93, 3750173.71	2.81	5.774	5.067	1.33E-04	2.73E-04	2.39E-04	1.84E-04	3.79E-04	3.32E-04	6.53E-04	1.34E-03	1.18E-03
571	387093.93, 3750198.71	2.845	5.838	5.125	1.34E-04	2.76E-04	2.42E-04	1.87E-04	3.83E-04	3.36E-04	6.61E-04	1.36E-03	1.19E-03
572	387093.93, 3750223.71	2.872	5.898	5.186	1.36E-04	2.79E-04	2.45E-04	1.88E-04	3.87E-04	3.40E-04	6.68E-04	1.37E-03	1.21E-03
573	387093.93, 3750248.71	2.925	5.976	5.244	1.38E-04	2.82E-04	2.48E-04	1.92E-04	3.92E-04	3.44E-04	6.80E-04	1.39E-03	1.22E-03
574	387093.93, 3750273.71	2.94	6.027	5.308	1.39E-04	2.85E-04	2.51E-04	1.93E-04	3.95E-04	3.48E-04	6.83E-04	1.40E-03	1.23E-03
575	387093.93, 3750298.71	2.989	6.105	5.365	1.41E-04	2.88E-04	2.53E-04	1.96E-04	4.01E-04	3.52E-04	6.95E-04	1.42E-03	1.25E-03
576	387093.93, 3750323.71	3.023	6.172	5.426	1.43E-04	2.91E-04	2.56E-04	1.98E-04	4.05E-04	3.56E-04	7.03E-04	1.43E-03	1.26E-03
577	387093.93, 3750348.71	3.061	6.241	5.49	1.45E-04	2.95E-04	2.59E-04	2.01E-04	4.09E-04	3.60E-04	7.12E-04	1.45E-03	1.28E-03
578	387093.93, 3750373.71	3.107	6.31	5.548	1.47E-04	2.98E-04	2.62E-04	2.04E-04	4.14E-04	3.64E-04	7.22E-04	1.47E-03	1.29E-03
579	387093.93, 3750398.71	3.136	6.38	5.617	1.48E-04	3.01E-04	2.65E-04	2.06E-04	4.19E-04	3.69E-04	7.29E-04	1.48E-03	1.31E-03
580	387093.93, 3750423.71	3.167	6.454	5.684	1.50E-04	3.05E-04	2.68E-04	2.08E-04	4.23E-04	3.73E-04	7.36E-04	1.50E-03	1.32E-03
581	387093.93, 3750448.71	3.189	6.522	5.753	1.51E-04	3.08E-04	2.72E-04	2.09E-04	4.28E-04	3.78E-04	7.41E-04	1.52E-03	1.34E-03
582	387093.93, 3750473.71	3.243	6.614	5.83	1.53E-04	3.12E-04	2.75E-04	2.13E-04	4.34E-04	3.83E-04	7.54E-04	1.54E-03	1.36E-03
583	387093.93, 3750498.71	3.267	6.68	5.895	1.54E-04	3.15E-04	2.78E-04	2.14E-04	4.38E-04	3.87E-04	7.60E-04	1.55E-03	1.37E-03
584	387093.93, 3750523.71	3.294	6.754	5.964	1.56E-04	3.19E-04	2.82E-04	2.16E-04	4.43E-04	3.91E-04	7.66E-04	1.57E-03	1.39E-03
585	387093.93, 3750548.71	3.325	6.84	6.043	1.57E-04	3.23E-04	2.85E-04	2.18E-04	4.49E-04	3.97E-04	7.73E-04	1.59E-03	1.40E-03
586	387093.93, 3750573.71	3.359	6.922	6.113	1.59E-04	3.27E-04	2.89E-04	2.20E-04	4.54E-04	4.01E-04	7.81E-04	1.61E-03	1.42E-03
587	387093.93, 3750598.71	3.401	7.007	6.186	1.61E-04	3.31E-04	2.92E-04	2.23E-04	4.60E-04	4.06E-04	7.91E-04	1.63E-03	1.44E-03
588	387093.93, 3750623.71	3.443	7.094	6.259	1.63E-04	3.35E-04	2.96E-04	2.26E-04	4.65E-04	4.11E-04	8.00E-04	1.65E-03	1.46E-03
589	387093.93, 3750648.71	3.488	7.184	6.336	1.65E-04	3.39E-04	2.99E-04	2.29E-04	4.71E-04	4.16E-04	8.11E-04	1.67E-03	1.47E-03
590	387093.93, 3750673.71	3.533	7.277	6.414	1.67E-04	3.44E-04	3.03E-04	2.32E-04	4.77E-04	4.21E-04	8.21E-04	1.69E-03	1.49E-03
591	387093.93, 3750698.71	3.576	7.371	6.491	1.69E-04	3.48E-04	3.07E-04	2.35E-04	4.84E-04	4.26E-04	8.31E-04	1.71E-03	1.51E-03
592	387093.93, 3750723.71	3.63	7.471	6.579	1.71E-04	3.53E-04	3.11E-04	2.38E-04	4.90E-04	4.32E-04	8.44E-04	1.74E-03	1.53E-03
593	387093.93, 3750748.71	3.685	7.573	6.669	1.74E-04	3.58E-04	3.15E-04	2.42E-04	4.97E-04	4.38E-04	8.57E-04	1.76E-03	1.55E-03
594	387093.93, 3750773.71	3.765	7.681	6.776	1.78E-04	3.63E-04	3.20E-04	2.47E-04	5.04E-04	4.45E-04	8.75E-04	1.79E-03	1.58E-03
595	387093.93, 3750798.71	3.797	7.782	6.859	1.79E-04	3.68E-04	3.24E-04	2.49E-04	5.11E-04	4.50E-04	8.83E-04	1.81E-03	1.59E-03
596	387093.93, 3750823.71	3.859	7.897	6.956	1.82E-04	3.73E-04	3.29E-04	2.53E-04	5.18E-04	4.56E-04	8.97E-04	1.84E-03	1.62E-03
597	387093.93, 3750848.71	3.902	8.004	7.043	1.84E-04	3.78E-04	3.33E-04	2.56E-04	5.25E-04	4.62E-04	9.07E-04	1.86E-03	1.64E-03
598	387093.93, 3750873.71	3.962	8.119	7.144	1.87E-04	3.83E-04	3.37E-04	2.60E-04	5.33E-04	4.69E-04	9.21E-04	1.89E-03	1.66E-03
599	387093.93, 3750898.71	4.072	8.254	7.269	1.92E-04	3.90E-04	3.43E-04	2.67E-04	5.42E-04	4.77E-04	9.47E-04	1.92E-03	1.69E-03
600	387093.93, 3750923.71	4.058	8.329	7.314	1.92E-04	3.93E-04	3.45E-04	2.66E-04	5.47E-04	4.80E-04	9.43E-04	1.94E-03	1.70E-03
601	387093.93, 3750948.71	4.132	8.469	7.435	1.95E-04	4.00E-04	3.51E-04	2.71E-04	5.56E-04	4.88E-04	9.61E-04	1.97E-03	1.73E-03
602	387093.93, 3750973.71	4.204	8.615	7.552	1.99E-04	4.07E-04	3.57E-04	2.76E-04	5.65E-04	4.96E-04	9.77E-04	2.00E-03	1.76E-03
603	387093.93, 3750998.71	4.276	8.758	7.673	2.02E-04	4.14E-04	3.62E-04	2.81E-04	5.75E-04	5.03E-04	9.94E-04	2.04E-03	1.78E-03
604	387093.93, 3751023.71	4.351	8.896	7.801	2.05E-04	4.20E-04	3.68E-04	2.85E-04	5.84E-04	5.12E-04	1.01E-03	2.07E-03	1.81E-03
605	387093.93, 3751048.71	4.431	9.032	7.94	2.09E-04	4.27E-04	3.75E-04	2.91E-04	5.93E-04	5.21E-04	1.03E-03	2.10E-03	1.85E-03
606	387093.93, 3751073.71	4.506	9.179	8.066	2.13E-04	4.34E-04	3.81E-04	2.96E-04	6.02E-04	5.29E-04	1.05E-03	2.13E-03	1.88E-03
607	387093.93, 3751098.71	4.573	9.33	8.19	2.16E-04	4.41E-04	3.87E-04	3.00E-04	6.12E-04	5.37E-04	1.06E-03	2.17E-03	1.90E-03
608	387093.93, 3751123.71	4.578	9.425	8.248	2.16E-04	4.45E-04	3.90E-04	3.00E-04	6.18E-04	5.41E-04	1.06E-03	2.19E-03	1.92E-03
609	387093.93, 3751148.71	4.673	9.607	8.411	2.21E-04	4.54E-04	3.97E-04	3.07E-04	6.30E-04	5.52E-04	1.09E-03	2.23E-03	1.96E-03
610	387093.93, 3751173.71	4.802	9.824	8.616	2.27E-04	4.64E-04	4.07E-04	3.15E-04	6.45E-04	5.65E-04	1.12E-03	2.28E-03	2.00E-03

611	387093.93, 3751198.71	4.856	9.975	8.723	2.29E-04	4.71E-04	4.12E-04	3.19E-04	6.55E-04	5.72E-04	1.13E-03	2.32E-03	2.03E-03
612	387093.93, 3751223.71	4.99	10.21	8.948	2.36E-04	4.82E-04	4.23E-04	3.27E-04	6.70E-04	5.87E-04	1.16E-03	2.37E-03	2.08E-03
613	387093.93, 3751248.71	5.093	10.42	9.133	2.41E-04	4.92E-04	4.31E-04	3.34E-04	6.84E-04	5.99E-04	1.18E-03	2.42E-03	2.12E-03
614	387093.93, 3751273.71	5.2	10.63	9.323	2.46E-04	5.02E-04	4.40E-04	3.41E-04	6.98E-04	6.12E-04	1.21E-03	2.47E-03	2.17E-03
615	387093.93, 3751298.71	5.313	10.84	9.522	2.51E-04	5.12E-04	4.50E-04	3.49E-04	7.11E-04	6.25E-04	1.24E-03	2.52E-03	2.21E-03
616	387093.93, 3751323.71	5.389	11.01	9.666	2.54E-04	5.20E-04	4.57E-04	3.54E-04	7.22E-04	6.34E-04	1.25E-03	2.56E-03	2.25E-03
617	387093.93, 3751348.71	5.498	11.24	9.862	2.60E-04	5.31E-04	4.66E-04	3.61E-04	7.37E-04	6.47E-04	1.28E-03	2.61E-03	2.29E-03
618	387093.93, 3751373.71	5.611	11.47	10.07	2.65E-04	5.42E-04	4.76E-04	3.68E-04	7.53E-04	6.61E-04	1.30E-03	2.67E-03	2.34E-03
619	387093.93, 3751398.71	5.751	11.74	10.32	2.72E-04	5.54E-04	4.88E-04	3.77E-04	7.70E-04	6.77E-04	1.34E-03	2.73E-03	2.40E-03
620	387093.93, 3751423.71	5.813	11.93	10.49	2.75E-04	5.64E-04	4.96E-04	3.81E-04	7.83E-04	6.88E-04	1.35E-03	2.77E-03	2.44E-03
621	387093.93, 3751448.71	5.863	12.09	10.61	2.77E-04	5.71E-04	5.01E-04	3.85E-04	7.93E-04	6.96E-04	1.36E-03	2.81E-03	2.47E-03
622	387093.93, 3751473.71	6.035	12.42	10.92	2.85E-04	5.87E-04	5.16E-04	3.96E-04	8.15E-04	7.17E-04	1.40E-03	2.89E-03	2.54E-03
623	387093.93, 3751498.71	6.223	12.78	11.26	2.94E-04	6.04E-04	5.32E-04	4.08E-04	8.39E-04	7.39E-04	1.45E-03	2.97E-03	2.62E-03
624	387093.93, 3751523.71	6.598	13.39	11.83	3.12E-04	6.32E-04	5.59E-04	4.33E-04	8.79E-04	7.76E-04	1.53E-03	3.11E-03	2.75E-03
625	387093.93, 3751548.71	6.739	13.72	12.13	3.18E-04	6.48E-04	5.73E-04	4.42E-04	9.00E-04	7.96E-04	1.57E-03	3.19E-03	2.82E-03
626	387093.93, 3751573.71	6.932	14.08	12.46	3.27E-04	6.65E-04	5.88E-04	4.55E-04	9.24E-04	8.17E-04	1.61E-03	3.27E-03	2.90E-03
627	387093.93, 3751598.71	7.091	14.43	12.77	3.35E-04	6.82E-04	6.03E-04	4.65E-04	9.47E-04	8.38E-04	1.65E-03	3.36E-03	2.97E-03
628	387093.93, 3751623.71	7.28	14.83	13.13	3.44E-04	7.00E-04	6.20E-04	4.78E-04	9.73E-04	8.62E-04	1.69E-03	3.45E-03	3.05E-03
629	387093.93, 3751648.71	7.452	15.17	13.44	3.52E-04	7.17E-04	6.35E-04	4.89E-04	9.96E-04	8.82E-04	1.73E-03	3.53E-03	3.13E-03
630	387093.93, 3751673.71	7.688	15.66	13.87	3.63E-04	7.39E-04	6.55E-04	5.04E-04	1.03E-03	9.10E-04	1.79E-03	3.64E-03	3.23E-03
631	387093.93, 3751698.71	7.797	15.94	14.11	3.68E-04	7.53E-04	6.66E-04	5.12E-04	1.05E-03	9.26E-04	1.81E-03	3.71E-03	3.28E-03
632	387093.93, 3751723.71	7.979	16.32	14.43	3.77E-04	7.71E-04	6.82E-04	5.24E-04	1.07E-03	9.47E-04	1.86E-03	3.79E-03	3.36E-03
633	387093.93, 3751748.71	8.276	16.91	14.93	3.91E-04	7.99E-04	7.05E-04	5.43E-04	1.11E-03	9.80E-04	1.92E-03	3.93E-03	3.47E-03
634	387093.93, 3751773.71	8.479	17.32	15.24	4.00E-04	8.18E-04	7.20E-04	5.56E-04	1.14E-03	1.00E-03	1.97E-03	4.03E-03	3.54E-03
635	387093.93, 3751798.71	8.77	17.89	15.76	4.14E-04	8.45E-04	7.44E-04	5.75E-04	1.17E-03	1.03E-03	2.04E-03	4.16E-03	3.66E-03
636	387093.93, 3751823.71	9.032	18.44	16.21	4.27E-04	8.71E-04	7.65E-04	5.93E-04	1.21E-03	1.06E-03	2.10E-03	4.29E-03	3.77E-03
637	387093.93, 3751848.71	9.057	18.49	16.21	4.28E-04	8.73E-04	7.66E-04	5.94E-04	1.21E-03	1.06E-03	2.11E-03	4.30E-03	3.77E-03
638	387093.93, 3751873.71	8.951	18.28	16.02	4.23E-04	8.63E-04	7.56E-04	5.87E-04	1.20E-03	1.05E-03	2.08E-03	4.25E-03	3.72E-03
639	387118.93, 3748973.71	1.3	3.231	2.572	6.14E-05	1.53E-04	1.21E-04	8.53E-05	2.12E-04	1.69E-04	3.02E-04	7.51E-04	5.98E-04
640	387118.93, 3748998.71	1.382	3.044	2.609	6.52E-05	1.44E-04	1.23E-04	9.07E-05	2.00E-04	1.71E-04	3.21E-04	7.08E-04	6.07E-04
641	387118.93, 3749023.71	1.465	2.981	2.638	6.92E-05	1.41E-04	1.25E-04	9.61E-05	1.96E-04	1.73E-04	3.41E-04	6.93E-04	6.13E-04
642	387118.93, 3749048.71	1.532	3.073	2.703	7.23E-05	1.45E-04	1.28E-04	1.01E-04	2.02E-04	1.77E-04	3.56E-04	7.14E-04	6.28E-04
643	387118.93, 3749073.71	1.592	3.178	2.793	7.52E-05	1.50E-04	1.32E-04	1.04E-04	2.09E-04	1.83E-04	3.70E-04	7.39E-04	6.49E-04
644	387118.93, 3749098.71	1.64	3.287	2.889	7.75E-05	1.55E-04	1.36E-04	1.08E-04	2.16E-04	1.90E-04	3.81E-04	7.64E-04	6.72E-04
645	387118.93, 3749123.71	1.688	3.399	2.985	7.97E-05	1.61E-04	1.41E-04	1.11E-04	2.23E-04	1.96E-04	3.92E-04	7.90E-04	6.94E-04
646	387118.93, 3749148.71	1.736	3.498	3.069	8.20E-05	1.65E-04	1.45E-04	1.14E-04	2.30E-04	2.01E-04	4.04E-04	8.13E-04	7.13E-04
647	387118.93, 3749173.71	1.785	3.585	3.147	8.43E-05	1.69E-04	1.49E-04	1.17E-04	2.35E-04	2.07E-04	4.15E-04	8.33E-04	7.32E-04
648	387118.93, 3749198.71	1.829	3.677	3.222	8.64E-05	1.74E-04	1.52E-04	1.20E-04	2.41E-04	2.11E-04	4.25E-04	8.55E-04	7.49E-04
649	387118.93, 3749223.71	1.867	3.78	3.298	8.82E-05	1.79E-04	1.56E-04	1.22E-04	2.48E-04	2.16E-04	4.34E-04	8.79E-04	7.67E-04
650	387118.93, 3749248.71	1.907	3.87	3.373	9.01E-05	1.83E-04	1.59E-04	1.25E-04	2.54E-04	2.21E-04	4.43E-04	9.00E-04	7.84E-04
651	387118.93, 3749273.71	1.948	3.941	3.442	9.20E-05	1.86E-04	1.63E-04	1.28E-04	2.59E-04	2.26E-04	4.53E-04	9.16E-04	8.00E-04

652	387118.93, 3749298.71	1.989	4.008	3.508	9.40E-05	1.89E-04	1.66E-04	1.31E-04	2.63E-04	2.30E-04	4.63E-04	9.32E-04	8.16E-04
653	387118.93, 3749323.71	2.028	4.077	3.572	9.58E-05	1.93E-04	1.69E-04	1.33E-04	2.68E-04	2.34E-04	4.71E-04	9.48E-04	8.30E-04
654	387118.93, 3749348.71	2.068	4.143	3.633	9.77E-05	1.96E-04	1.72E-04	1.36E-04	2.72E-04	2.38E-04	4.81E-04	9.63E-04	8.45E-04
655	387118.93, 3749373.71	2.116	4.211	3.691	9.99E-05	1.99E-04	1.74E-04	1.39E-04	2.76E-04	2.42E-04	4.92E-04	9.79E-04	8.58E-04
656	387118.93, 3749398.71	2.153	4.275	3.748	1.02E-04	2.02E-04	1.77E-04	1.41E-04	2.80E-04	2.46E-04	5.01E-04	9.94E-04	8.71E-04
657	387118.93, 3749423.71	2.187	4.344	3.811	1.03E-04	2.05E-04	1.80E-04	1.44E-04	2.85E-04	2.50E-04	5.08E-04	1.01E-03	8.86E-04
658	387118.93, 3749448.71	2.216	4.419	3.877	1.05E-04	2.09E-04	1.83E-04	1.45E-04	2.90E-04	2.54E-04	5.15E-04	1.03E-03	9.01E-04
659	387118.93, 3749473.71	2.241	4.502	3.942	1.06E-04	2.13E-04	1.86E-04	1.47E-04	2.95E-04	2.59E-04	5.21E-04	1.05E-03	9.17E-04
660	387118.93, 3749498.71	2.264	4.594	4	1.07E-04	2.17E-04	1.89E-04	1.49E-04	3.01E-04	2.62E-04	5.26E-04	1.07E-03	9.30E-04
661	387118.93, 3749523.71	2.308	4.641	4.063	1.09E-04	2.19E-04	1.92E-04	1.51E-04	3.05E-04	2.67E-04	5.37E-04	1.08E-03	9.45E-04
662	387118.93, 3749548.71	2.346	4.706	4.116	1.11E-04	2.22E-04	1.94E-04	1.54E-04	3.09E-04	2.70E-04	5.45E-04	1.09E-03	9.57E-04
663	387118.93, 3749573.71	2.376	4.773	4.179	1.12E-04	2.25E-04	1.97E-04	1.56E-04	3.13E-04	2.74E-04	5.52E-04	1.11E-03	9.72E-04
664	387118.93, 3749598.71	2.394	4.857	4.274	1.13E-04	2.29E-04	2.02E-04	1.57E-04	3.19E-04	2.80E-04	5.57E-04	1.13E-03	9.94E-04
665	387118.93, 3749623.71	2.428	4.919	4.329	1.15E-04	2.32E-04	2.04E-04	1.59E-04	3.23E-04	2.84E-04	5.64E-04	1.14E-03	1.01E-03
666	387118.93, 3749648.71	2.469	4.961	4.367	1.17E-04	2.34E-04	2.06E-04	1.62E-04	3.26E-04	2.87E-04	5.74E-04	1.15E-03	1.02E-03
667	387118.93, 3749673.71	2.491	5.038	4.44	1.18E-04	2.38E-04	2.10E-04	1.63E-04	3.31E-04	2.91E-04	5.79E-04	1.17E-03	1.03E-03
668	387118.93, 3749698.71	2.514	5.1	4.496	1.19E-04	2.41E-04	2.12E-04	1.65E-04	3.35E-04	2.95E-04	5.84E-04	1.19E-03	1.05E-03
669	387118.93, 3749723.71	2.545	5.16	4.546	1.20E-04	2.44E-04	2.15E-04	1.67E-04	3.39E-04	2.98E-04	5.92E-04	1.20E-03	1.06E-03
670	387118.93, 3749748.71	2.575	5.222	4.597	1.22E-04	2.47E-04	2.17E-04	1.69E-04	3.43E-04	3.02E-04	5.99E-04	1.21E-03	1.07E-03
671	387118.93, 3749773.71	2.604	5.285	4.648	1.23E-04	2.50E-04	2.20E-04	1.71E-04	3.47E-04	3.05E-04	6.05E-04	1.23E-03	1.08E-03
672	387118.93, 3749798.71	2.634	5.348	4.697	1.24E-04	2.53E-04	2.22E-04	1.73E-04	3.51E-04	3.08E-04	6.12E-04	1.24E-03	1.09E-03
673	387118.93, 3749823.71	2.659	5.415	4.754	1.26E-04	2.56E-04	2.24E-04	1.74E-04	3.55E-04	3.12E-04	6.18E-04	1.26E-03	1.11E-03
674	387118.93, 3749848.71	2.673	5.472	4.811	1.26E-04	2.58E-04	2.27E-04	1.75E-04	3.59E-04	3.16E-04	6.22E-04	1.27E-03	1.12E-03
675	387118.93, 3749873.71	2.701	5.53	4.863	1.28E-04	2.61E-04	2.30E-04	1.77E-04	3.63E-04	3.19E-04	6.28E-04	1.29E-03	1.13E-03
676	387118.93, 3749898.71	2.74	5.592	4.915	1.29E-04	2.64E-04	2.32E-04	1.80E-04	3.67E-04	3.22E-04	6.37E-04	1.30E-03	1.14E-03
677	387118.93, 3749923.71	2.783	5.657	4.961	1.31E-04	2.67E-04	2.34E-04	1.83E-04	3.71E-04	3.26E-04	6.47E-04	1.32E-03	1.15E-03
678	387118.93, 3749948.71	2.797	5.714	5.024	1.32E-04	2.70E-04	2.37E-04	1.84E-04	3.75E-04	3.30E-04	6.50E-04	1.33E-03	1.17E-03
679	387118.93, 3749973.71	2.826	5.778	5.08	1.33E-04	2.73E-04	2.40E-04	1.85E-04	3.79E-04	3.33E-04	6.57E-04	1.34E-03	1.18E-03
680	387118.93, 3749998.71	2.851	5.845	5.137	1.35E-04	2.76E-04	2.43E-04	1.87E-04	3.84E-04	3.37E-04	6.63E-04	1.36E-03	1.19E-03
681	387118.93, 3750023.71	2.889	5.914	5.195	1.36E-04	2.79E-04	2.45E-04	1.90E-04	3.88E-04	3.41E-04	6.72E-04	1.37E-03	1.21E-03
682	387118.93, 3750048.71	2.913	5.976	5.247	1.38E-04	2.82E-04	2.48E-04	1.91E-04	3.92E-04	3.44E-04	6.77E-04	1.39E-03	1.22E-03
683	387118.93, 3750073.71	2.955	6.05	5.311	1.40E-04	2.86E-04	2.51E-04	1.94E-04	3.97E-04	3.48E-04	6.87E-04	1.41E-03	1.23E-03
684	387118.93, 3750098.71	2.992	6.123	5.375	1.41E-04	2.89E-04	2.54E-04	1.96E-04	4.02E-04	3.53E-04	6.96E-04	1.42E-03	1.25E-03
685	387118.93, 3750123.71	3.029	6.199	5.44	1.43E-04	2.93E-04	2.57E-04	1.99E-04	4.07E-04	3.57E-04	7.04E-04	1.44E-03	1.26E-03
686	387118.93, 3750148.71	3.076	6.282	5.51	1.45E-04	2.97E-04	2.60E-04	2.02E-04	4.12E-04	3.62E-04	7.15E-04	1.46E-03	1.28E-03
687	387118.93, 3750173.71	3.094	6.345	5.569	1.46E-04	3.00E-04	2.63E-04	2.03E-04	4.16E-04	3.65E-04	7.19E-04	1.48E-03	1.29E-03
688	387118.93, 3750198.71	3.136	6.423	5.64	1.48E-04	3.03E-04	2.66E-04	2.06E-04	4.21E-04	3.70E-04	7.29E-04	1.49E-03	1.31E-03
689	387118.93, 3750223.71	3.186	6.507	5.713	1.50E-04	3.07E-04	2.70E-04	2.09E-04	4.27E-04	3.75E-04	7.41E-04	1.51E-03	1.33E-03
690	387118.93, 3750248.71	3.248	6.6	5.788	1.53E-04	3.12E-04	2.73E-04	2.13E-04	4.33E-04	3.80E-04	7.55E-04	1.53E-03	1.35E-03
691	387118.93, 3750273.71	3.268	6.666	5.852	1.54E-04	3.15E-04	2.76E-04	2.14E-04	4.37E-04	3.84E-04	7.60E-04	1.55E-03	1.36E-03
692	387118.93, 3750298.71	3.313	6.749	5.928	1.56E-04	3.19E-04	2.80E-04	2.17E-04	4.43E-04	3.89E-04	7.70E-04	1.57E-03	1.38E-03

693	387118.93, 3750323.71	3.356	6.832	6.004	1.59E-04	3.23E-04	2.84E-04	2.20E-04	4.48E-04	3.94E-04	7.80E-04	1.59E-03	1.40E-03
694	387118.93, 3750348.71	3.401	6.918	6.081	1.61E-04	3.27E-04	2.87E-04	2.23E-04	4.54E-04	3.99E-04	7.91E-04	1.61E-03	1.41E-03
695	387118.93, 3750373.71	3.461	7.009	6.158	1.63E-04	3.31E-04	2.91E-04	2.27E-04	4.60E-04	4.04E-04	8.05E-04	1.63E-03	1.43E-03
696	387118.93, 3750398.71	3.507	7.102	6.241	1.66E-04	3.35E-04	2.95E-04	2.30E-04	4.66E-04	4.10E-04	8.15E-04	1.65E-03	1.45E-03
697	387118.93, 3750423.71	3.519	7.176	6.32	1.66E-04	3.39E-04	2.98E-04	2.31E-04	4.71E-04	4.15E-04	8.18E-04	1.67E-03	1.47E-03
698	387118.93, 3750448.71	3.554	7.261	6.393	1.68E-04	3.43E-04	3.02E-04	2.33E-04	4.76E-04	4.19E-04	8.26E-04	1.69E-03	1.49E-03
699	387118.93, 3750473.71	3.627	7.382	6.503	1.71E-04	3.49E-04	3.07E-04	2.38E-04	4.84E-04	4.27E-04	8.43E-04	1.72E-03	1.51E-03
700	387118.93, 3750498.71	3.664	7.47	6.591	1.73E-04	3.53E-04	3.11E-04	2.40E-04	4.90E-04	4.32E-04	8.52E-04	1.74E-03	1.53E-03
701	387118.93, 3750523.71	3.692	7.559	6.661	1.74E-04	3.57E-04	3.15E-04	2.42E-04	4.96E-04	4.37E-04	8.58E-04	1.76E-03	1.55E-03
702	387118.93, 3750548.71	3.721	7.662	6.747	1.76E-04	3.62E-04	3.19E-04	2.44E-04	5.03E-04	4.43E-04	8.65E-04	1.78E-03	1.57E-03
703	387118.93, 3750573.71	3.771	7.767	6.836	1.78E-04	3.67E-04	3.23E-04	2.47E-04	5.10E-04	4.49E-04	8.77E-04	1.81E-03	1.59E-03
704	387118.93, 3750598.71	3.845	7.885	6.947	1.82E-04	3.72E-04	3.28E-04	2.52E-04	5.17E-04	4.56E-04	8.94E-04	1.83E-03	1.62E-03
705	387118.93, 3750623.71	3.885	7.992	7.028	1.83E-04	3.77E-04	3.32E-04	2.55E-04	5.24E-04	4.61E-04	9.03E-04	1.86E-03	1.63E-03
706	387118.93, 3750648.71	3.962	8.118	7.147	1.87E-04	3.83E-04	3.38E-04	2.60E-04	5.33E-04	4.69E-04	9.21E-04	1.89E-03	1.66E-03
707	387118.93, 3750673.71	4.033	8.235	7.252	1.90E-04	3.89E-04	3.43E-04	2.65E-04	5.40E-04	4.76E-04	9.38E-04	1.91E-03	1.69E-03
708	387118.93, 3750698.71	4.047	8.345	7.314	1.91E-04	3.94E-04	3.45E-04	2.66E-04	5.48E-04	4.80E-04	9.41E-04	1.94E-03	1.70E-03
709	387118.93, 3750723.71	4.129	8.485	7.448	1.95E-04	4.01E-04	3.52E-04	2.71E-04	5.57E-04	4.89E-04	9.60E-04	1.97E-03	1.73E-03
710	387118.93, 3750748.71	4.217	8.63	7.594	1.99E-04	4.08E-04	3.59E-04	2.77E-04	5.66E-04	4.98E-04	9.80E-04	2.01E-03	1.77E-03
711	387118.93, 3750773.71	4.329	8.783	7.739	2.04E-04	4.15E-04	3.66E-04	2.84E-04	5.76E-04	5.08E-04	1.01E-03	2.04E-03	1.80E-03
712	387118.93, 3750798.71	4.337	8.888	7.816	2.05E-04	4.20E-04	3.69E-04	2.85E-04	5.83E-04	5.13E-04	1.01E-03	2.07E-03	1.82E-03
713	387118.93, 3750823.71	4.382	9.017	7.899	2.07E-04	4.26E-04	3.73E-04	2.88E-04	5.92E-04	5.18E-04	1.02E-03	2.10E-03	1.84E-03
714	387118.93, 3750848.71	4.462	9.178	8.034	2.11E-04	4.33E-04	3.79E-04	2.93E-04	6.02E-04	5.27E-04	1.04E-03	2.13E-03	1.87E-03
715	387118.93, 3750873.71	4.565	9.357	8.201	2.16E-04	4.42E-04	3.87E-04	3.00E-04	6.14E-04	5.38E-04	1.06E-03	2.18E-03	1.91E-03
716	387118.93, 3750898.71	4.728	9.566	8.457	2.23E-04	4.52E-04	3.99E-04	3.10E-04	6.28E-04	5.55E-04	1.10E-03	2.22E-03	1.97E-03
717	387118.93, 3750923.71	4.721	9.663	8.476	2.23E-04	4.56E-04	4.00E-04	3.10E-04	6.34E-04	5.56E-04	1.10E-03	2.25E-03	1.97E-03
718	387118.93, 3750948.71	4.83	9.866	8.667	2.28E-04	4.66E-04	4.09E-04	3.17E-04	6.47E-04	5.69E-04	1.12E-03	2.29E-03	2.01E-03
719	387118.93, 3750973.71	4.957	10.09	8.883	2.34E-04	4.77E-04	4.19E-04	3.25E-04	6.62E-04	5.83E-04	1.15E-03	2.35E-03	2.07E-03
720	387118.93, 3750998.71	5.109	10.34	9.128	2.41E-04	4.88E-04	4.31E-04	3.35E-04	6.79E-04	5.99E-04	1.19E-03	2.40E-03	2.12E-03
721	387118.93, 3751023.71	5.132	10.48	9.214	2.42E-04	4.95E-04	4.35E-04	3.37E-04	6.87E-04	6.05E-04	1.19E-03	2.44E-03	2.14E-03
722	387118.93, 3751048.71	5.273	10.69	9.434	2.49E-04	5.05E-04	4.46E-04	3.46E-04	7.02E-04	6.19E-04	1.23E-03	2.49E-03	2.19E-03
723	387118.93, 3751073.71	5.387	10.92	9.626	2.54E-04	5.16E-04	4.55E-04	3.53E-04	7.16E-04	6.32E-04	1.25E-03	2.54E-03	2.24E-03
724	387118.93, 3751098.71	5.421	11.07	9.734	2.56E-04	5.23E-04	4.60E-04	3.56E-04	7.27E-04	6.39E-04	1.26E-03	2.57E-03	2.26E-03
725	387118.93, 3751123.71	5.467	11.23	9.858	2.58E-04	5.30E-04	4.66E-04	3.59E-04	7.37E-04	6.47E-04	1.27E-03	2.61E-03	2.29E-03
726	387118.93, 3751148.71	5.594	11.49	10.09	2.64E-04	5.43E-04	4.76E-04	3.67E-04	7.54E-04	6.62E-04	1.30E-03	2.67E-03	2.35E-03
727	387118.93, 3751173.71	5.789	11.83	10.41	2.73E-04	5.59E-04	4.92E-04	3.80E-04	7.76E-04	6.83E-04	1.35E-03	2.75E-03	2.42E-03
728	387118.93, 3751198.71	5.856	12.03	10.58	2.77E-04	5.68E-04	5.00E-04	3.84E-04	7.89E-04	6.94E-04	1.36E-03	2.80E-03	2.46E-03
729	387118.93, 3751223.71	6.087	12.44	10.95	2.87E-04	5.87E-04	5.17E-04	3.99E-04	8.16E-04	7.19E-04	1.42E-03	2.89E-03	2.55E-03
730	387118.93, 3751248.71	6.22	12.72	11.21	2.94E-04	6.01E-04	5.29E-04	4.08E-04	8.35E-04	7.35E-04	1.45E-03	2.96E-03	2.61E-03
731	387118.93, 3751273.71	6.417	13.11	11.58	3.03E-04	6.19E-04	5.47E-04	4.21E-04	8.60E-04	7.60E-04	1.49E-03	3.05E-03	2.69E-03
732	387118.93, 3751298.71	6.621	13.48	11.94	3.13E-04	6.37E-04	5.64E-04	4.34E-04	8.85E-04	7.83E-04	1.54E-03	3.13E-03	2.78E-03
733	387118.93, 3751323.71	6.604	13.59	11.94	3.12E-04	6.42E-04	5.64E-04	4.33E-04	8.91E-04	7.84E-04	1.54E-03	3.16E-03	2.78E-03

734	387118.93, 3751348.71	6.846	14.04	12.38	3.23E-04	6.63E-04	5.85E-04	4.49E-04	9.21E-04	8.13E-04	1.59E-03	3.26E-03	2.88E-03
735	387118.93, 3751373.71	7.044	14.44	12.75	3.33E-04	6.82E-04	6.02E-04	4.62E-04	9.47E-04	8.37E-04	1.64E-03	3.36E-03	2.96E-03
736	387118.93, 3751398.71	7.34	14.96	13.24	3.47E-04	7.07E-04	6.25E-04	4.82E-04	9.82E-04	8.68E-04	1.71E-03	3.48E-03	3.08E-03
737	387118.93, 3751423.71	7.623	15.51	13.75	3.60E-04	7.33E-04	6.49E-04	5.00E-04	1.02E-03	9.02E-04	1.77E-03	3.61E-03	3.20E-03
738	387118.93, 3751448.71	7.68	15.73	13.91	3.63E-04	7.43E-04	6.57E-04	5.04E-04	1.03E-03	9.13E-04	1.79E-03	3.66E-03	3.23E-03
739	387118.93, 3751473.71	7.977	16.33	14.44	3.77E-04	7.71E-04	6.82E-04	5.23E-04	1.07E-03	9.47E-04	1.85E-03	3.80E-03	3.36E-03
740	387118.93, 3751498.71	8.309	16.99	15.04	3.92E-04	8.02E-04	7.10E-04	5.45E-04	1.11E-03	9.87E-04	1.93E-03	3.95E-03	3.50E-03
741	387118.93, 3751523.71	8.927	18.08	16.03	4.22E-04	8.54E-04	7.57E-04	5.86E-04	1.19E-03	1.05E-03	2.08E-03	4.20E-03	3.73E-03
742	387118.93, 3751548.71	9.399	19.07	16.95	4.44E-04	9.00E-04	8.00E-04	6.17E-04	1.25E-03	1.11E-03	2.19E-03	4.43E-03	3.94E-03
743	387118.93, 3751573.71	9.832	19.85	17.71	4.64E-04	9.38E-04	8.37E-04	6.45E-04	1.30E-03	1.16E-03	2.29E-03	4.62E-03	4.12E-03
744	387118.93, 3751598.71	10.13	20.61	18.33	4.79E-04	9.74E-04	8.65E-04	6.65E-04	1.35E-03	1.20E-03	2.36E-03	4.79E-03	4.26E-03
745	387118.93, 3751623.71	10.64	21.68	19.26	5.02E-04	1.02E-03	9.10E-04	6.98E-04	1.42E-03	1.26E-03	2.47E-03	5.04E-03	4.48E-03
746	387118.93, 3751648.71	10.89	22.22	19.74	5.14E-04	1.05E-03	9.32E-04	7.14E-04	1.46E-03	1.30E-03	2.53E-03	5.17E-03	4.59E-03
747	387118.93, 3751673.71	11.44	23.5	20.79	5.40E-04	1.11E-03	9.82E-04	7.51E-04	1.54E-03	1.36E-03	2.66E-03	5.46E-03	4.83E-03
748	387118.93, 3751698.71	12.24	25.14	22.27	5.78E-04	1.19E-03	1.05E-03	8.03E-04	1.65E-03	1.46E-03	2.84E-03	5.85E-03	5.18E-03
749	387118.93, 3751723.71	12.68	26.12	23.15	5.99E-04	1.23E-03	1.09E-03	8.32E-04	1.71E-03	1.52E-03	2.95E-03	6.07E-03	5.38E-03
750	387118.93, 3751748.71	22.17	42.15	37.4	1.05E-03	1.99E-03	1.77E-03	1.45E-03	2.77E-03	2.45E-03	5.16E-03	9.80E-03	8.69E-03
751	387143.93, 3748973.71	1.426	3.074	2.666	6.74E-05	1.45E-04	1.26E-04	9.36E-05	2.02E-04	1.75E-04	3.32E-04	7.15E-04	6.20E-04
752	387143.93, 3748998.71	1.51	3.088	2.73	7.13E-05	1.46E-04	1.29E-04	9.91E-05	2.03E-04	1.79E-04	3.51E-04	7.18E-04	6.35E-04
753	387143.93, 3749023.71	1.586	3.188	2.811	7.49E-05	1.51E-04	1.33E-04	1.04E-04	2.09E-04	1.84E-04	3.69E-04	7.41E-04	6.54E-04
754	387143.93, 3749048.71	1.658	3.308	2.911	7.83E-05	1.56E-04	1.37E-04	1.09E-04	2.17E-04	1.91E-04	3.85E-04	7.69E-04	6.77E-04
755	387143.93, 3749073.71	1.723	3.423	3.009	8.14E-05	1.62E-04	1.42E-04	1.13E-04	2.25E-04	1.97E-04	4.01E-04	7.96E-04	7.00E-04
756	387143.93, 3749098.71	1.777	3.549	3.116	8.39E-05	1.68E-04	1.47E-04	1.17E-04	2.33E-04	2.04E-04	4.13E-04	8.25E-04	7.24E-04
757	387143.93, 3749123.71	1.829	3.676	3.228	8.64E-05	1.74E-04	1.52E-04	1.20E-04	2.41E-04	2.12E-04	4.25E-04	8.55E-04	7.51E-04
758	387143.93, 3749148.71	1.884	3.78	3.319	8.90E-05	1.79E-04	1.57E-04	1.24E-04	2.48E-04	2.18E-04	4.38E-04	8.79E-04	7.72E-04
759	387143.93, 3749173.71	1.937	3.88	3.401	9.15E-05	1.83E-04	1.61E-04	1.27E-04	2.55E-04	2.23E-04	4.50E-04	9.02E-04	7.91E-04
760	387143.93, 3749198.71	1.98	3.992	3.494	9.35E-05	1.89E-04	1.65E-04	1.30E-04	2.62E-04	2.29E-04	4.60E-04	9.28E-04	8.12E-04
761	387143.93, 3749223.71	2.026	4.09	3.576	9.57E-05	1.93E-04	1.69E-04	1.33E-04	2.68E-04	2.35E-04	4.71E-04	9.51E-04	8.31E-04
762	387143.93, 3749248.71	2.07	4.191	3.659	9.78E-05	1.98E-04	1.73E-04	1.36E-04	2.75E-04	2.40E-04	4.81E-04	9.74E-04	8.51E-04
763	387143.93, 3749273.71	2.115	4.274	3.736	9.99E-05	2.02E-04	1.76E-04	1.39E-04	2.80E-04	2.45E-04	4.92E-04	9.94E-04	8.68E-04
764	387143.93, 3749298.71	2.163	4.338	3.808	1.02E-04	2.05E-04	1.80E-04	1.42E-04	2.85E-04	2.50E-04	5.03E-04	1.01E-03	8.85E-04
765	387143.93, 3749323.71	2.208	4.416	3.874	1.04E-04	2.09E-04	1.83E-04	1.45E-04	2.90E-04	2.54E-04	5.13E-04	1.03E-03	9.01E-04
766	387143.93, 3749348.71	2.252	4.496	3.94	1.06E-04	2.12E-04	1.86E-04	1.48E-04	2.95E-04	2.59E-04	5.24E-04	1.05E-03	9.16E-04
767	387143.93, 3749373.71	2.302	4.572	4.011	1.09E-04	2.16E-04	1.89E-04	1.51E-04	3.00E-04	2.63E-04	5.35E-04	1.06E-03	9.32E-04
768	387143.93, 3749398.71	2.345	4.642	4.078	1.11E-04	2.19E-04	1.93E-04	1.54E-04	3.05E-04	2.68E-04	5.45E-04	1.08E-03	9.48E-04
769	387143.93, 3749423.71	2.38	4.722	4.149	1.12E-04	2.23E-04	1.96E-04	1.56E-04	3.10E-04	2.72E-04	5.53E-04	1.10E-03	9.65E-04
770	387143.93, 3749448.71	2.413	4.812	4.212	1.14E-04	2.27E-04	1.99E-04	1.58E-04	3.16E-04	2.76E-04	5.61E-04	1.12E-03	9.79E-04
771	387143.93, 3749473.71	2.439	4.9	4.293	1.15E-04	2.31E-04	2.03E-04	1.60E-04	3.21E-04	2.82E-04	5.67E-04	1.14E-03	9.98E-04
772	387143.93, 3749498.71	2.466	4.997	4.35	1.16E-04	2.36E-04	2.05E-04	1.62E-04	3.28E-04	2.85E-04	5.73E-04	1.16E-03	1.01E-03
773	387143.93, 3749523.71	2.504	5.065	4.43	1.18E-04	2.39E-04	2.09E-04	1.64E-04	3.32E-04	2.91E-04	5.82E-04	1.18E-03	1.03E-03
774	387143.93, 3749548.71	2.551	5.128	4.492	1.20E-04	2.42E-04	2.12E-04	1.67E-04	3.37E-04	2.95E-04	5.93E-04	1.19E-03	1.04E-03

775	387143.93, 3749573.71	2.59	5.2	4.552	1.22E-04	2.46E-04	2.15E-04	1.70E-04	3.41E-04	2.99E-04	6.02E-04	1.21E-03	1.06E-03
776	387143.93, 3749598.71	2.619	5.278	4.634	1.24E-04	2.49E-04	2.19E-04	1.72E-04	3.46E-04	3.04E-04	6.09E-04	1.23E-03	1.08E-03
777	387143.93, 3749623.71	2.652	5.361	4.716	1.25E-04	2.53E-04	2.23E-04	1.74E-04	3.52E-04	3.09E-04	6.17E-04	1.25E-03	1.10E-03
778	387143.93, 3749648.71	2.699	5.41	4.755	1.27E-04	2.55E-04	2.25E-04	1.77E-04	3.55E-04	3.12E-04	6.27E-04	1.26E-03	1.11E-03
779	387143.93, 3749673.71	2.724	5.479	4.826	1.29E-04	2.59E-04	2.28E-04	1.79E-04	3.60E-04	3.17E-04	6.33E-04	1.27E-03	1.12E-03
780	387143.93, 3749698.71	2.757	5.558	4.899	1.30E-04	2.62E-04	2.31E-04	1.81E-04	3.65E-04	3.21E-04	6.41E-04	1.29E-03	1.14E-03
781	387143.93, 3749723.71	2.779	5.631	4.965	1.31E-04	2.66E-04	2.34E-04	1.82E-04	3.69E-04	3.26E-04	6.46E-04	1.31E-03	1.15E-03
782	387143.93, 3749748.71	2.829	5.705	5.025	1.34E-04	2.69E-04	2.37E-04	1.86E-04	3.74E-04	3.30E-04	6.58E-04	1.33E-03	1.17E-03
783	387143.93, 3749773.71	2.855	5.777	5.083	1.35E-04	2.73E-04	2.40E-04	1.87E-04	3.79E-04	3.34E-04	6.64E-04	1.34E-03	1.18E-03
784	387143.93, 3749798.71	2.884	5.846	5.139	1.36E-04	2.76E-04	2.43E-04	1.89E-04	3.84E-04	3.37E-04	6.71E-04	1.36E-03	1.19E-03
785	387143.93, 3749823.71	2.918	5.918	5.2	1.38E-04	2.79E-04	2.46E-04	1.91E-04	3.88E-04	3.41E-04	6.78E-04	1.38E-03	1.21E-03
786	387143.93, 3749848.71	2.943	5.991	5.264	1.39E-04	2.83E-04	2.49E-04	1.93E-04	3.93E-04	3.45E-04	6.84E-04	1.39E-03	1.22E-03
787	387143.93, 3749873.71	2.977	6.06	5.324	1.41E-04	2.86E-04	2.51E-04	1.95E-04	3.98E-04	3.49E-04	6.92E-04	1.41E-03	1.24E-03
788	387143.93, 3749898.71	3.016	6.132	5.386	1.42E-04	2.90E-04	2.54E-04	1.98E-04	4.02E-04	3.53E-04	7.01E-04	1.43E-03	1.25E-03
789	387143.93, 3749923.71	3.061	6.203	5.454	1.45E-04	2.93E-04	2.58E-04	2.01E-04	4.07E-04	3.58E-04	7.12E-04	1.44E-03	1.27E-03
790	387143.93, 3749948.71	3.073	6.269	5.521	1.45E-04	2.96E-04	2.61E-04	2.02E-04	4.11E-04	3.62E-04	7.14E-04	1.46E-03	1.28E-03
791	387143.93, 3749973.71	3.113	6.349	5.589	1.47E-04	3.00E-04	2.64E-04	2.04E-04	4.17E-04	3.67E-04	7.24E-04	1.48E-03	1.30E-03
792	387143.93, 3749998.71	3.146	6.428	5.659	1.49E-04	3.04E-04	2.67E-04	2.06E-04	4.22E-04	3.71E-04	7.31E-04	1.49E-03	1.32E-03
793	387143.93, 3750023.71	3.196	6.516	5.731	1.51E-04	3.08E-04	2.71E-04	2.10E-04	4.28E-04	3.76E-04	7.43E-04	1.51E-03	1.33E-03
794	387143.93, 3750048.71	3.224	6.591	5.799	1.52E-04	3.11E-04	2.74E-04	2.12E-04	4.32E-04	3.81E-04	7.50E-04	1.53E-03	1.35E-03
795	387143.93, 3750073.71	3.257	6.667	5.866	1.54E-04	3.15E-04	2.77E-04	2.14E-04	4.37E-04	3.85E-04	7.57E-04	1.55E-03	1.36E-03
796	387143.93, 3750098.71	3.317	6.767	5.952	1.57E-04	3.20E-04	2.81E-04	2.18E-04	4.44E-04	3.91E-04	7.71E-04	1.57E-03	1.38E-03
797	387143.93, 3750123.71	3.367	6.864	6.036	1.59E-04	3.24E-04	2.85E-04	2.21E-04	4.50E-04	3.96E-04	7.83E-04	1.60E-03	1.40E-03
798	387143.93, 3750148.71	3.426	6.972	6.122	1.62E-04	3.29E-04	2.89E-04	2.25E-04	4.57E-04	4.02E-04	7.96E-04	1.62E-03	1.42E-03
799	387143.93, 3750173.71	3.46	7.054	6.196	1.63E-04	3.33E-04	2.93E-04	2.27E-04	4.63E-04	4.07E-04	8.04E-04	1.64E-03	1.44E-03
800	387143.93, 3750198.71	3.504	7.145	6.272	1.65E-04	3.37E-04	2.96E-04	2.30E-04	4.69E-04	4.12E-04	8.15E-04	1.66E-03	1.46E-03
801	387143.93, 3750223.71	3.575	7.26	6.367	1.69E-04	3.43E-04	3.01E-04	2.35E-04	4.76E-04	4.18E-04	8.31E-04	1.69E-03	1.48E-03
802	387143.93, 3750248.71	3.637	7.363	6.456	1.72E-04	3.48E-04	3.05E-04	2.39E-04	4.83E-04	4.24E-04	8.46E-04	1.71E-03	1.50E-03
803	387143.93, 3750273.71	3.665	7.447	6.538	1.73E-04	3.52E-04	3.09E-04	2.40E-04	4.89E-04	4.29E-04	8.52E-04	1.73E-03	1.52E-03
804	387143.93, 3750298.71	3.725	7.546	6.61	1.76E-04	3.56E-04	3.12E-04	2.44E-04	4.95E-04	4.34E-04	8.66E-04	1.75E-03	1.54E-03
805	387143.93, 3750323.71	3.771	7.655	6.726	1.78E-04	3.62E-04	3.18E-04	2.47E-04	5.02E-04	4.41E-04	8.77E-04	1.78E-03	1.56E-03
806	387143.93, 3750348.71	3.842	7.764	6.812	1.81E-04	3.67E-04	3.22E-04	2.52E-04	5.09E-04	4.47E-04	8.93E-04	1.80E-03	1.58E-03
807	387143.93, 3750373.71	3.913	7.891	6.922	1.85E-04	3.73E-04	3.27E-04	2.57E-04	5.18E-04	4.54E-04	9.10E-04	1.83E-03	1.61E-03
808	387143.93, 3750398.71	3.939	7.985	7.018	1.86E-04	3.77E-04	3.31E-04	2.58E-04	5.24E-04	4.60E-04	9.16E-04	1.86E-03	1.63E-03
809	387143.93, 3750423.71	3.975	8.088	7.121	1.88E-04	3.82E-04	3.36E-04	2.61E-04	5.31E-04	4.67E-04	9.24E-04	1.88E-03	1.66E-03
810	387143.93, 3750448.71	4.028	8.203	7.22	1.90E-04	3.87E-04	3.41E-04	2.64E-04	5.38E-04	4.74E-04	9.36E-04	1.91E-03	1.68E-03
811	387143.93, 3750473.71	4.124	8.355	7.356	1.95E-04	3.95E-04	3.47E-04	2.71E-04	5.48E-04	4.83E-04	9.59E-04	1.94E-03	1.71E-03
812	387143.93, 3750498.71	4.171	8.473	7.473	1.97E-04	4.00E-04	3.53E-04	2.74E-04	5.56E-04	4.90E-04	9.70E-04	1.97E-03	1.74E-03
813	387143.93, 3750523.71	4.214	8.596	7.569	1.99E-04	4.06E-04	3.57E-04	2.76E-04	5.64E-04	4.97E-04	9.80E-04	2.00E-03	1.76E-03
814	387143.93, 3750548.71	4.244	8.721	7.652	2.00E-04	4.12E-04	3.61E-04	2.78E-04	5.72E-04	5.02E-04	9.87E-04	2.03E-03	1.78E-03
815	387143.93, 3750573.71	4.31	8.86	7.77	2.04E-04	4.18E-04	3.67E-04	2.83E-04	5.81E-04	5.10E-04	1.00E-03	2.06E-03	1.81E-03

816	387143.93, 3750598.71	4.426	9.032	7.944	2.09E-04	4.27E-04	3.75E-04	2.90E-04	5.93E-04	5.21E-04	1.03E-03	2.10E-03	1.85E-03
817	387143.93, 3750623.71	4.507	9.186	8.083	2.13E-04	4.34E-04	3.82E-04	2.96E-04	6.03E-04	5.30E-04	1.05E-03	2.14E-03	1.88E-03
818	387143.93, 3750648.71	4.587	9.337	8.222	2.17E-04	4.41E-04	3.88E-04	3.01E-04	6.13E-04	5.39E-04	1.07E-03	2.17E-03	1.91E-03
819	387143.93, 3750673.71	4.68	9.511	8.382	2.21E-04	4.49E-04	3.96E-04	3.07E-04	6.24E-04	5.50E-04	1.09E-03	2.21E-03	1.95E-03
820	387143.93, 3750698.71	4.694	9.643	8.446	2.22E-04	4.55E-04	3.99E-04	3.08E-04	6.33E-04	5.54E-04	1.09E-03	2.24E-03	1.96E-03
821	387143.93, 3750723.71	4.814	9.846	8.655	2.27E-04	4.65E-04	4.09E-04	3.16E-04	6.46E-04	5.68E-04	1.12E-03	2.29E-03	2.01E-03
822	387143.93, 3750748.71	4.958	10.07	8.876	2.34E-04	4.76E-04	4.19E-04	3.25E-04	6.61E-04	5.82E-04	1.15E-03	2.34E-03	2.06E-03
823	387143.93, 3750773.71	5.073	10.27	9.052	2.40E-04	4.85E-04	4.28E-04	3.33E-04	6.74E-04	5.94E-04	1.18E-03	2.39E-03	2.10E-03
824	387143.93, 3750798.71	5.124	10.43	9.185	2.42E-04	4.92E-04	4.34E-04	3.36E-04	6.84E-04	6.03E-04	1.19E-03	2.42E-03	2.14E-03
825	387143.93, 3750823.71	5.17	10.6	9.315	2.44E-04	5.01E-04	4.40E-04	3.39E-04	6.96E-04	6.11E-04	1.20E-03	2.46E-03	2.17E-03
826	387143.93, 3750848.71	5.273	10.82	9.505	2.49E-04	5.11E-04	4.49E-04	3.46E-04	7.10E-04	6.24E-04	1.23E-03	2.52E-03	2.21E-03
827	387143.93, 3750873.71	5.427	11.09	9.775	2.56E-04	5.24E-04	4.62E-04	3.56E-04	7.28E-04	6.41E-04	1.26E-03	2.58E-03	2.27E-03
828	387143.93, 3750898.71	5.667	11.43	10.14	2.68E-04	5.40E-04	4.79E-04	3.72E-04	7.50E-04	6.65E-04	1.32E-03	2.66E-03	2.36E-03
829	387143.93, 3750923.71	5.67	11.55	10.23	2.68E-04	5.46E-04	4.83E-04	3.72E-04	7.58E-04	6.71E-04	1.32E-03	2.69E-03	2.38E-03
830	387143.93, 3750948.71	5.846	11.87	10.52	2.76E-04	5.60E-04	4.97E-04	3.84E-04	7.79E-04	6.90E-04	1.36E-03	2.76E-03	2.45E-03
831	387143.93, 3750973.71	6.007	12.19	10.79	2.84E-04	5.76E-04	5.09E-04	3.94E-04	8.00E-04	7.08E-04	1.40E-03	2.83E-03	2.51E-03
832	387143.93, 3750998.71	6.253	12.6	11.17	2.95E-04	5.95E-04	5.28E-04	4.10E-04	8.27E-04	7.33E-04	1.45E-03	2.93E-03	2.60E-03
833	387143.93, 3751023.71	6.369	12.88	11.44	3.01E-04	6.08E-04	5.40E-04	4.18E-04	8.45E-04	7.50E-04	1.48E-03	2.99E-03	2.66E-03
834	387143.93, 3751048.71	6.519	13.16	11.71	3.08E-04	6.22E-04	5.53E-04	4.28E-04	8.64E-04	7.68E-04	1.52E-03	3.06E-03	2.72E-03
835	387143.93, 3751073.71	6.687	13.5	11.98	3.16E-04	6.38E-04	5.66E-04	4.39E-04	8.86E-04	7.86E-04	1.55E-03	3.14E-03	2.78E-03
836	387143.93, 3751098.71	6.735	13.73	12.14	3.18E-04	6.48E-04	5.73E-04	4.42E-04	9.01E-04	7.96E-04	1.57E-03	3.19E-03	2.82E-03
837	387143.93, 3751123.71	6.809	13.95	12.3	3.22E-04	6.59E-04	5.81E-04	4.47E-04	9.16E-04	8.07E-04	1.58E-03	3.24E-03	2.86E-03
838	387143.93, 3751148.71	7.036	14.4	12.71	3.32E-04	6.80E-04	6.00E-04	4.62E-04	9.45E-04	8.34E-04	1.64E-03	3.35E-03	2.95E-03
839	387143.93, 3751173.71	7.375	15	13.31	3.48E-04	7.08E-04	6.29E-04	4.84E-04	9.84E-04	8.73E-04	1.71E-03	3.49E-03	3.09E-03
840	387143.93, 3751198.71	7.502	15.33	13.58	3.54E-04	7.24E-04	6.41E-04	4.92E-04	1.01E-03	8.91E-04	1.74E-03	3.56E-03	3.16E-03
841	387143.93, 3751223.71	7.925	16.1	14.33	3.74E-04	7.60E-04	6.77E-04	5.20E-04	1.06E-03	9.40E-04	1.84E-03	3.74E-03	3.33E-03
842	387143.93, 3751248.71	8.056	16.46	14.63	3.80E-04	7.77E-04	6.91E-04	5.29E-04	1.08E-03	9.60E-04	1.87E-03	3.83E-03	3.40E-03
843	387143.93, 3751273.71	8.473	17.26	15.34	4.00E-04	8.15E-04	7.25E-04	5.56E-04	1.13E-03	1.01E-03	1.97E-03	4.01E-03	3.57E-03
844	387143.93, 3751298.71	8.906	18.07	16.19	4.21E-04	8.53E-04	7.65E-04	5.84E-04	1.19E-03	1.06E-03	2.07E-03	4.20E-03	3.76E-03
845	387143.93, 3751323.71	9.067	18.43	16.5	4.28E-04	8.70E-04	7.79E-04	5.95E-04	1.21E-03	1.08E-03	2.11E-03	4.29E-03	3.84E-03
846	387143.93, 3751348.71	9.417	19.22	17.09	4.45E-04	9.08E-04	8.07E-04	6.18E-04	1.26E-03	1.12E-03	2.19E-03	4.47E-03	3.97E-03
847	387143.93, 3751373.71	9.897	20.15	17.93	4.67E-04	9.52E-04	8.47E-04	6.49E-04	1.32E-03	1.18E-03	2.30E-03	4.68E-03	4.17E-03
848	387143.93, 3751398.71	10.38	21.14	18.79	4.90E-04	9.99E-04	8.88E-04	6.81E-04	1.39E-03	1.23E-03	2.41E-03	4.92E-03	4.37E-03
849	387143.93, 3751423.71	10.95	22.4	19.86	5.17E-04	1.06E-03	9.38E-04	7.19E-04	1.47E-03	1.30E-03	2.55E-03	5.21E-03	4.62E-03
850	387143.93, 3751448.71	11.46	23.39	20.79	5.41E-04	1.10E-03	9.82E-04	7.52E-04	1.53E-03	1.36E-03	2.67E-03	5.44E-03	4.83E-03
851	387143.93, 3751473.71	12.16	24.93	22.05	5.74E-04	1.18E-03	1.04E-03	7.98E-04	1.64E-03	1.45E-03	2.83E-03	5.80E-03	5.13E-03
852	387143.93, 3751498.71	15.97	31.59	28.02	7.54E-04	1.49E-03	1.32E-03	1.05E-03	2.07E-03	1.84E-03	3.71E-03	7.34E-03	6.51E-03
853	387143.93, 3751523.71	16.5	32.7	28.85	7.79E-04	1.54E-03	1.36E-03	1.08E-03	2.15E-03	1.89E-03	3.84E-03	7.60E-03	6.71E-03
854	387168.93, 3748973.71	1.555	3.197	2.812	7.34E-05	1.51E-04	1.33E-04	1.02E-04	2.10E-04	1.84E-04	3.61E-04	7.43E-04	6.54E-04
855	387168.93, 3748998.71	1.64	3.312	2.923	7.75E-05	1.56E-04	1.38E-04	1.08E-04	2.17E-04	1.92E-04	3.81E-04	7.70E-04	6.80E-04
856	387168.93, 3749023.71	1.727	3.44	3.033	8.16E-05	1.62E-04	1.43E-04	1.13E-04	2.26E-04	1.99E-04	4.02E-04	8.00E-04	7.05E-04

857	387168.93, 3749048.71	1.819	3.543	3.118	8.59E-05	1.67E-04	1.47E-04	1.19E-04	2.32E-04	2.05E-04	4.23E-04	8.24E-04	7.25E-04
858	387168.93, 3749073.71	1.892	3.678	3.234	8.94E-05	1.74E-04	1.53E-04	1.24E-04	2.41E-04	2.12E-04	4.40E-04	8.55E-04	7.52E-04
859	387168.93, 3749098.71	1.947	3.837	3.37	9.19E-05	1.81E-04	1.59E-04	1.28E-04	2.52E-04	2.21E-04	4.53E-04	8.92E-04	7.83E-04
860	387168.93, 3749123.71	2.004	3.98	3.489	9.46E-05	1.88E-04	1.65E-04	1.31E-04	2.61E-04	2.29E-04	4.66E-04	9.25E-04	8.11E-04
861	387168.93, 3749148.71	2.061	4.102	3.597	9.73E-05	1.94E-04	1.70E-04	1.35E-04	2.69E-04	2.36E-04	4.79E-04	9.54E-04	8.36E-04
862	387168.93, 3749173.71	2.108	4.239	3.716	9.96E-05	2.00E-04	1.75E-04	1.38E-04	2.78E-04	2.44E-04	4.90E-04	9.86E-04	8.64E-04
863	387168.93, 3749198.71	2.162	4.352	3.812	1.02E-04	2.06E-04	1.80E-04	1.42E-04	2.86E-04	2.50E-04	5.03E-04	1.01E-03	8.86E-04
864	387168.93, 3749223.71	2.214	4.457	3.907	1.05E-04	2.10E-04	1.85E-04	1.45E-04	2.92E-04	2.56E-04	5.15E-04	1.04E-03	9.08E-04
865	387168.93, 3749248.71	2.268	4.552	3.99	1.07E-04	2.15E-04	1.88E-04	1.49E-04	2.99E-04	2.62E-04	5.27E-04	1.06E-03	9.28E-04
866	387168.93, 3749273.71	2.321	4.638	4.063	1.10E-04	2.19E-04	1.92E-04	1.52E-04	3.04E-04	2.67E-04	5.40E-04	1.08E-03	9.44E-04
867	387168.93, 3749298.71	2.373	4.728	4.139	1.12E-04	2.23E-04	1.95E-04	1.56E-04	3.10E-04	2.72E-04	5.52E-04	1.10E-03	9.62E-04
868	387168.93, 3749323.71	2.423	4.818	4.221	1.14E-04	2.28E-04	1.99E-04	1.59E-04	3.16E-04	2.77E-04	5.63E-04	1.12E-03	9.81E-04
869	387168.93, 3749348.71	2.468	4.91	4.304	1.17E-04	2.32E-04	2.03E-04	1.62E-04	3.22E-04	2.82E-04	5.74E-04	1.14E-03	1.00E-03
870	387168.93, 3749373.71	2.523	4.998	4.387	1.19E-04	2.36E-04	2.07E-04	1.66E-04	3.28E-04	2.88E-04	5.86E-04	1.16E-03	1.02E-03
871	387168.93, 3749398.71	2.567	5.082	4.469	1.21E-04	2.40E-04	2.11E-04	1.68E-04	3.33E-04	2.93E-04	5.97E-04	1.18E-03	1.04E-03
872	387168.93, 3749423.71	2.609	5.169	4.548	1.23E-04	2.44E-04	2.15E-04	1.71E-04	3.39E-04	2.98E-04	6.07E-04	1.20E-03	1.06E-03
873	387168.93, 3749448.71	2.644	5.271	4.618	1.25E-04	2.49E-04	2.18E-04	1.73E-04	3.46E-04	3.03E-04	6.15E-04	1.23E-03	1.07E-03
874	387168.93, 3749473.71	2.675	5.366	4.708	1.26E-04	2.53E-04	2.22E-04	1.76E-04	3.52E-04	3.09E-04	6.22E-04	1.25E-03	1.09E-03
875	387168.93, 3749498.71	2.705	5.468	4.774	1.28E-04	2.58E-04	2.25E-04	1.78E-04	3.59E-04	3.13E-04	6.29E-04	1.27E-03	1.11E-03
876	387168.93, 3749523.71	2.748	5.551	4.85	1.30E-04	2.62E-04	2.29E-04	1.80E-04	3.64E-04	3.18E-04	6.39E-04	1.29E-03	1.13E-03
877	387168.93, 3749548.71	2.793	5.637	4.941	1.32E-04	2.66E-04	2.33E-04	1.83E-04	3.70E-04	3.24E-04	6.49E-04	1.31E-03	1.15E-03
878	387168.93, 3749573.71	2.838	5.714	5.013	1.34E-04	2.70E-04	2.37E-04	1.86E-04	3.75E-04	3.29E-04	6.60E-04	1.33E-03	1.17E-03
879	387168.93, 3749598.71	2.88	5.791	5.08	1.36E-04	2.73E-04	2.40E-04	1.89E-04	3.80E-04	3.33E-04	6.69E-04	1.35E-03	1.18E-03
880	387168.93, 3749623.71	2.917	5.872	5.158	1.38E-04	2.77E-04	2.44E-04	1.91E-04	3.85E-04	3.38E-04	6.78E-04	1.37E-03	1.20E-03
881	387168.93, 3749648.71	2.97	5.938	5.201	1.40E-04	2.80E-04	2.46E-04	1.95E-04	3.90E-04	3.41E-04	6.91E-04	1.38E-03	1.21E-03
882	387168.93, 3749673.71	2.999	6.022	5.297	1.42E-04	2.84E-04	2.50E-04	1.97E-04	3.95E-04	3.48E-04	6.97E-04	1.40E-03	1.23E-03
883	387168.93, 3749698.71	3.038	6.111	5.386	1.43E-04	2.89E-04	2.54E-04	1.99E-04	4.01E-04	3.53E-04	7.06E-04	1.42E-03	1.25E-03
884	387168.93, 3749723.71	3.072	6.198	5.461	1.45E-04	2.93E-04	2.58E-04	2.02E-04	4.07E-04	3.58E-04	7.14E-04	1.44E-03	1.27E-03
885	387168.93, 3749748.71	3.102	6.277	5.53	1.46E-04	2.96E-04	2.61E-04	2.04E-04	4.12E-04	3.63E-04	7.21E-04	1.46E-03	1.29E-03
886	387168.93, 3749773.71	3.144	6.361	5.601	1.48E-04	3.00E-04	2.65E-04	2.06E-04	4.17E-04	3.68E-04	7.31E-04	1.48E-03	1.30E-03
887	387168.93, 3749798.71	3.184	6.444	5.672	1.50E-04	3.04E-04	2.68E-04	2.09E-04	4.23E-04	3.72E-04	7.40E-04	1.50E-03	1.32E-03
888	387168.93, 3749823.71	3.225	6.528	5.744	1.52E-04	3.08E-04	2.71E-04	2.12E-04	4.28E-04	3.77E-04	7.50E-04	1.52E-03	1.34E-03
889	387168.93, 3749848.71	3.26	6.615	5.816	1.54E-04	3.12E-04	2.75E-04	2.14E-04	4.34E-04	3.82E-04	7.58E-04	1.54E-03	1.35E-03
890	387168.93, 3749873.71	3.3	6.697	5.892	1.56E-04	3.16E-04	2.78E-04	2.17E-04	4.39E-04	3.87E-04	7.67E-04	1.56E-03	1.37E-03
891	387168.93, 3749898.71	3.341	6.781	5.967	1.58E-04	3.20E-04	2.82E-04	2.19E-04	4.45E-04	3.92E-04	7.77E-04	1.58E-03	1.39E-03
892	387168.93, 3749923.71	3.397	6.869	6.045	1.60E-04	3.24E-04	2.85E-04	2.23E-04	4.51E-04	3.97E-04	7.90E-04	1.60E-03	1.41E-03
893	387168.93, 3749948.71	3.414	6.947	6.127	1.61E-04	3.28E-04	2.89E-04	2.24E-04	4.56E-04	4.02E-04	7.94E-04	1.62E-03	1.42E-03
894	387168.93, 3749973.71	3.457	7.041	6.209	1.63E-04	3.33E-04	2.93E-04	2.27E-04	4.62E-04	4.07E-04	8.04E-04	1.64E-03	1.44E-03
895	387168.93, 3749998.71	3.511	7.146	6.296	1.66E-04	3.37E-04	2.97E-04	2.30E-04	4.69E-04	4.13E-04	8.16E-04	1.66E-03	1.46E-03
896	387168.93, 3750023.71	3.587	7.261	6.386	1.69E-04	3.43E-04	3.02E-04	2.35E-04	4.76E-04	4.19E-04	8.34E-04	1.69E-03	1.48E-03
897	387168.93, 3750048.71	3.594	7.336	6.457	1.70E-04	3.46E-04	3.05E-04	2.36E-04	4.81E-04	4.24E-04	8.36E-04	1.71E-03	1.50E-03

898	387168.93, 3750073.71	3.642	7.435	6.546	1.72E-04	3.51E-04	3.09E-04	2.39E-04	4.88E-04	4.29E-04	8.47E-04	1.73E-03	1.52E-03
899	387168.93, 3750098.71	3.721	7.565	6.662	1.76E-04	3.57E-04	3.15E-04	2.44E-04	4.96E-04	4.37E-04	8.65E-04	1.76E-03	1.55E-03
900	387168.93, 3750123.71	3.772	7.681	6.756	1.78E-04	3.63E-04	3.19E-04	2.48E-04	5.04E-04	4.43E-04	8.77E-04	1.79E-03	1.57E-03
901	387168.93, 3750148.71	3.863	7.829	6.875	1.82E-04	3.70E-04	3.25E-04	2.53E-04	5.14E-04	4.51E-04	8.98E-04	1.82E-03	1.60E-03
902	387168.93, 3750173.71	3.902	7.93	6.966	1.84E-04	3.74E-04	3.29E-04	2.56E-04	5.20E-04	4.57E-04	9.07E-04	1.84E-03	1.62E-03
903	387168.93, 3750198.71	3.991	8.074	7.082	1.88E-04	3.81E-04	3.34E-04	2.62E-04	5.30E-04	4.65E-04	9.28E-04	1.88E-03	1.65E-03
904	387168.93, 3750223.71	4.049	8.195	7.186	1.91E-04	3.87E-04	3.39E-04	2.66E-04	5.38E-04	4.72E-04	9.41E-04	1.91E-03	1.67E-03
905	387168.93, 3750248.71	4.127	8.33	7.305	1.95E-04	3.93E-04	3.45E-04	2.71E-04	5.47E-04	4.79E-04	9.59E-04	1.94E-03	1.70E-03
906	387168.93, 3750273.71	4.191	8.453	7.43	1.98E-04	3.99E-04	3.51E-04	2.75E-04	5.55E-04	4.88E-04	9.74E-04	1.97E-03	1.73E-03
907	387168.93, 3750298.71	4.257	8.579	7.555	2.01E-04	4.05E-04	3.57E-04	2.79E-04	5.63E-04	4.96E-04	9.90E-04	1.99E-03	1.76E-03
908	387168.93, 3750323.71	4.326	8.712	7.68	2.04E-04	4.11E-04	3.63E-04	2.84E-04	5.72E-04	5.04E-04	1.01E-03	2.03E-03	1.79E-03
909	387168.93, 3750348.71	4.416	8.873	7.822	2.09E-04	4.19E-04	3.69E-04	2.90E-04	5.82E-04	5.13E-04	1.03E-03	2.06E-03	1.82E-03
910	387168.93, 3750373.71	4.498	9.033	7.966	2.12E-04	4.27E-04	3.76E-04	2.95E-04	5.93E-04	5.23E-04	1.05E-03	2.10E-03	1.85E-03
911	387168.93, 3750398.71	4.559	9.173	8.099	2.15E-04	4.33E-04	3.83E-04	2.99E-04	6.02E-04	5.31E-04	1.06E-03	2.13E-03	1.88E-03
912	387168.93, 3750423.71	4.6	9.303	8.208	2.17E-04	4.39E-04	3.88E-04	3.02E-04	6.10E-04	5.39E-04	1.07E-03	2.16E-03	1.91E-03
913	387168.93, 3750448.71	4.665	9.449	8.342	2.20E-04	4.46E-04	3.94E-04	3.06E-04	6.20E-04	5.47E-04	1.08E-03	2.20E-03	1.94E-03
914	387168.93, 3750473.71	4.784	9.65	8.528	2.26E-04	4.56E-04	4.03E-04	3.14E-04	6.33E-04	5.60E-04	1.11E-03	2.24E-03	1.98E-03
915	387168.93, 3750498.71	4.84	9.802	8.653	2.29E-04	4.63E-04	4.09E-04	3.18E-04	6.43E-04	5.68E-04	1.13E-03	2.28E-03	2.01E-03
916	387168.93, 3750523.71	4.924	9.986	8.809	2.33E-04	4.72E-04	4.16E-04	3.23E-04	6.55E-04	5.78E-04	1.14E-03	2.32E-03	2.05E-03
917	387168.93, 3750548.71	4.995	10.17	8.957	2.36E-04	4.80E-04	4.23E-04	3.28E-04	6.67E-04	5.88E-04	1.16E-03	2.36E-03	2.08E-03
918	387168.93, 3750573.71	5.099	10.37	9.15	2.41E-04	4.90E-04	4.32E-04	3.35E-04	6.81E-04	6.00E-04	1.19E-03	2.41E-03	2.13E-03
919	387168.93, 3750598.71	5.217	10.59	9.359	2.46E-04	5.00E-04	4.42E-04	3.42E-04	6.95E-04	6.14E-04	1.21E-03	2.46E-03	2.18E-03
920	387168.93, 3750623.71	5.348	10.84	9.583	2.53E-04	5.12E-04	4.53E-04	3.51E-04	7.11E-04	6.29E-04	1.24E-03	2.52E-03	2.23E-03
921	387168.93, 3750648.71	5.453	11.05	9.782	2.58E-04	5.22E-04	4.62E-04	3.58E-04	7.25E-04	6.42E-04	1.27E-03	2.57E-03	2.27E-03
922	387168.93, 3750673.71	5.587	11.3	10.02	2.64E-04	5.34E-04	4.73E-04	3.67E-04	7.42E-04	6.57E-04	1.30E-03	2.63E-03	2.33E-03
923	387168.93, 3750698.71	5.641	11.51	10.16	2.66E-04	5.44E-04	4.80E-04	3.70E-04	7.55E-04	6.67E-04	1.31E-03	2.68E-03	2.36E-03
924	387168.93, 3750723.71	5.777	11.78	10.41	2.73E-04	5.56E-04	4.92E-04	3.79E-04	7.73E-04	6.83E-04	1.34E-03	2.74E-03	2.42E-03
925	387168.93, 3750748.71	6.01	12.15	10.75	2.84E-04	5.74E-04	5.08E-04	3.94E-04	7.97E-04	7.06E-04	1.40E-03	2.82E-03	2.50E-03
926	387168.93, 3750773.71	6.157	12.43	11.03	2.91E-04	5.87E-04	5.21E-04	4.04E-04	8.16E-04	7.23E-04	1.43E-03	2.89E-03	2.56E-03
927	387168.93, 3750798.71	6.268	12.68	11.27	2.96E-04	5.99E-04	5.32E-04	4.11E-04	8.32E-04	7.39E-04	1.46E-03	2.95E-03	2.62E-03
928	387168.93, 3750823.71	6.358	12.96	11.46	3.00E-04	6.12E-04	5.41E-04	4.17E-04	8.50E-04	7.52E-04	1.48E-03	3.01E-03	2.66E-03
929	387168.93, 3750848.71	6.527	13.31	11.79	3.08E-04	6.28E-04	5.57E-04	4.28E-04	8.73E-04	7.73E-04	1.52E-03	3.09E-03	2.74E-03
930	387168.93, 3750873.71	6.784	13.77	12.26	3.20E-04	6.50E-04	5.79E-04	4.45E-04	9.03E-04	8.04E-04	1.58E-03	3.20E-03	2.85E-03
931	387168.93, 3750898.71	7.119	14.29	12.81	3.36E-04	6.75E-04	6.05E-04	4.67E-04	9.38E-04	8.40E-04	1.66E-03	3.32E-03	2.98E-03
932	387168.93, 3750923.71	7.196	14.52	13	3.40E-04	6.86E-04	6.14E-04	4.72E-04	9.53E-04	8.53E-04	1.67E-03	3.38E-03	3.02E-03
933	387168.93, 3750948.71	7.424	14.98	13.36	3.51E-04	7.07E-04	6.31E-04	4.87E-04	9.83E-04	8.77E-04	1.73E-03	3.48E-03	3.11E-03
934	387168.93, 3750973.71	7.7	15.53	13.85	3.64E-04	7.34E-04	6.54E-04	5.05E-04	1.02E-03	9.09E-04	1.79E-03	3.61E-03	3.22E-03
935	387168.93, 3750998.71	8.102	16.25	14.52	3.83E-04	7.67E-04	6.86E-04	5.32E-04	1.07E-03	9.53E-04	1.88E-03	3.78E-03	3.38E-03
936	387168.93, 3751023.71	8.51	16.99	15.23	4.02E-04	8.03E-04	7.19E-04	5.58E-04	1.12E-03	9.99E-04	1.98E-03	3.95E-03	3.54E-03
937	387168.93, 3751048.71	8.715	17.42	15.69	4.12E-04	8.23E-04	7.41E-04	5.72E-04	1.14E-03	1.03E-03	2.03E-03	4.05E-03	3.65E-03
938	387168.93, 3751073.71	8.914	17.9	16.01	4.21E-04	8.45E-04	7.56E-04	5.85E-04	1.17E-03	1.05E-03	2.07E-03	4.16E-03	3.72E-03

939	387168.93, 3751098.71	9.235	18.6	16.56	4.36E-04	8.78E-04	7.82E-04	6.06E-04	1.22E-03	1.09E-03	2.15E-03	4.32E-03	3.85E-03
940	387168.93, 3751123.71	9.529	19.2	17.07	4.50E-04	9.07E-04	8.06E-04	6.25E-04	1.26E-03	1.12E-03	2.22E-03	4.46E-03	3.97E-03
941	387168.93, 3751148.71	9.974	20.19	17.88	4.71E-04	9.54E-04	8.44E-04	6.54E-04	1.33E-03	1.17E-03	2.32E-03	4.69E-03	4.16E-03
942	387168.93, 3751173.71	10.56	21.33	19.02	4.99E-04	1.01E-03	8.98E-04	6.93E-04	1.40E-03	1.25E-03	2.45E-03	4.96E-03	4.42E-03
943	387168.93, 3751198.71	10.99	22.22	19.76	5.19E-04	1.05E-03	9.33E-04	7.21E-04	1.46E-03	1.30E-03	2.55E-03	5.17E-03	4.60E-03
944	387168.93, 3751223.71	11.58	23.63	20.95	5.47E-04	1.12E-03	9.90E-04	7.60E-04	1.55E-03	1.37E-03	2.69E-03	5.49E-03	4.87E-03
945	387168.93, 3751248.71	12.19	24.82	22.08	5.76E-04	1.17E-03	1.04E-03	8.00E-04	1.63E-03	1.45E-03	2.83E-03	5.77E-03	5.13E-03
946	387168.93, 3751273.71	12.8	26.3	23.28	6.05E-04	1.24E-03	1.10E-03	8.40E-04	1.73E-03	1.53E-03	2.98E-03	6.11E-03	5.41E-03
947	387168.93, 3751298.71	18.11	35.32	31.29	8.55E-04	1.67E-03	1.48E-03	1.19E-03	2.32E-03	2.05E-03	4.21E-03	8.21E-03	7.27E-03
948	387168.93, 3751323.71	19.38	37.67	33.37	9.15E-04	1.78E-03	1.58E-03	1.27E-03	2.47E-03	2.19E-03	4.50E-03	8.76E-03	7.76E-03
949	387193.93, 3748973.71	1.697	3.425	3.034	8.01E-05	1.62E-04	1.43E-04	1.11E-04	2.25E-04	1.99E-04	3.94E-04	7.96E-04	7.05E-04
950	387193.93, 3748998.71	1.802	3.561	3.156	8.51E-05	1.68E-04	1.49E-04	1.18E-04	2.34E-04	2.07E-04	4.19E-04	8.28E-04	7.34E-04
951	387193.93, 3749023.71	1.902	3.705	3.265	8.98E-05	1.75E-04	1.54E-04	1.25E-04	2.43E-04	2.14E-04	4.42E-04	8.61E-04	7.59E-04
952	387193.93, 3749048.71	1.987	3.859	3.399	9.39E-05	1.82E-04	1.61E-04	1.30E-04	2.53E-04	2.23E-04	4.62E-04	8.97E-04	7.90E-04
953	387193.93, 3749073.71	2.072	4.018	3.535	9.79E-05	1.90E-04	1.67E-04	1.36E-04	2.64E-04	2.32E-04	4.82E-04	9.34E-04	8.22E-04
954	387193.93, 3749098.71	2.134	4.209	3.692	1.01E-04	1.99E-04	1.74E-04	1.40E-04	2.76E-04	2.42E-04	4.96E-04	9.79E-04	8.58E-04
955	387193.93, 3749123.71	2.196	4.363	3.825	1.04E-04	2.06E-04	1.81E-04	1.44E-04	2.86E-04	2.51E-04	5.11E-04	1.01E-03	8.89E-04
956	387193.93, 3749148.71	2.261	4.507	3.952	1.07E-04	2.13E-04	1.87E-04	1.48E-04	2.96E-04	2.59E-04	5.26E-04	1.05E-03	9.19E-04
957	387193.93, 3749173.71	2.319	4.652	4.079	1.10E-04	2.20E-04	1.93E-04	1.52E-04	3.05E-04	2.68E-04	5.39E-04	1.08E-03	9.48E-04
958	387193.93, 3749198.71	2.38	4.776	4.19	1.12E-04	2.26E-04	1.98E-04	1.56E-04	3.13E-04	2.75E-04	5.53E-04	1.11E-03	9.74E-04
959	387193.93, 3749223.71	2.441	4.886	4.287	1.15E-04	2.31E-04	2.02E-04	1.60E-04	3.21E-04	2.81E-04	5.67E-04	1.14E-03	9.97E-04
960	387193.93, 3749248.71	2.507	4.984	4.371	1.18E-04	2.35E-04	2.06E-04	1.64E-04	3.27E-04	2.87E-04	5.83E-04	1.16E-03	1.02E-03
961	387193.93, 3749273.71	2.568	5.09	4.463	1.21E-04	2.40E-04	2.11E-04	1.68E-04	3.34E-04	2.93E-04	5.97E-04	1.18E-03	1.04E-03
962	387193.93, 3749298.71	2.631	5.199	4.558	1.24E-04	2.46E-04	2.15E-04	1.73E-04	3.41E-04	2.99E-04	6.12E-04	1.21E-03	1.06E-03
963	387193.93, 3749323.71	2.674	5.301	4.651	1.26E-04	2.50E-04	2.20E-04	1.75E-04	3.48E-04	3.05E-04	6.22E-04	1.23E-03	1.08E-03
964	387193.93, 3749348.71	2.729	5.405	4.746	1.29E-04	2.55E-04	2.24E-04	1.79E-04	3.55E-04	3.11E-04	6.35E-04	1.26E-03	1.10E-03
965	387193.93, 3749373.71	2.788	5.505	4.842	1.32E-04	2.60E-04	2.29E-04	1.83E-04	3.61E-04	3.18E-04	6.48E-04	1.28E-03	1.13E-03
966	387193.93, 3749398.71	2.844	5.596	4.934	1.34E-04	2.64E-04	2.33E-04	1.87E-04	3.67E-04	3.24E-04	6.61E-04	1.30E-03	1.15E-03
967	387193.93, 3749423.71	2.886	5.7	5.024	1.36E-04	2.69E-04	2.37E-04	1.89E-04	3.74E-04	3.30E-04	6.71E-04	1.33E-03	1.17E-03
968	387193.93, 3749448.71	2.927	5.816	5.108	1.38E-04	2.75E-04	2.41E-04	1.92E-04	3.82E-04	3.35E-04	6.81E-04	1.35E-03	1.19E-03
969	387193.93, 3749473.71	2.96	5.925	5.205	1.40E-04	2.80E-04	2.46E-04	1.94E-04	3.89E-04	3.42E-04	6.88E-04	1.38E-03	1.21E-03
970	387193.93, 3749498.71	2.987	6.051	5.285	1.41E-04	2.86E-04	2.50E-04	1.96E-04	3.97E-04	3.47E-04	6.95E-04	1.41E-03	1.23E-03
971	387193.93, 3749523.71	3.041	6.14	5.366	1.44E-04	2.90E-04	2.53E-04	2.00E-04	4.03E-04	3.52E-04	7.07E-04	1.43E-03	1.25E-03
972	387193.93, 3749548.71	3.09	6.238	5.46	1.46E-04	2.95E-04	2.58E-04	2.03E-04	4.09E-04	3.58E-04	7.19E-04	1.45E-03	1.27E-03
973	387193.93, 3749573.71	3.146	6.326	5.54	1.49E-04	2.99E-04	2.62E-04	2.06E-04	4.15E-04	3.64E-04	7.31E-04	1.47E-03	1.29E-03
974	387193.93, 3749598.71	3.197	6.412	5.616	1.51E-04	3.03E-04	2.65E-04	2.10E-04	4.21E-04	3.69E-04	7.43E-04	1.49E-03	1.31E-03
975	387193.93, 3749623.71	3.241	6.506	5.703	1.53E-04	3.07E-04	2.69E-04	2.13E-04	4.27E-04	3.74E-04	7.54E-04	1.51E-03	1.33E-03
976	387193.93, 3749648.71	3.306	6.587	5.772	1.56E-04	3.11E-04	2.73E-04	2.17E-04	4.32E-04	3.79E-04	7.69E-04	1.53E-03	1.34E-03
977	387193.93, 3749673.71	3.334	6.682	5.865	1.57E-04	3.16E-04	2.77E-04	2.19E-04	4.38E-04	3.85E-04	7.75E-04	1.55E-03	1.36E-03
978	387193.93, 3749698.71	3.383	6.781	5.965	1.60E-04	3.20E-04	2.82E-04	2.22E-04	4.45E-04	3.91E-04	7.87E-04	1.58E-03	1.39E-03
979	387193.93, 3749723.71	3.424	6.888	6.062	1.62E-04	3.25E-04	2.86E-04	2.25E-04	4.52E-04	3.98E-04	7.96E-04	1.60E-03	1.41E-03

980	387193.93, 3749748.71	3.473	6.989	6.147	1.64E-04	3.30E-04	2.90E-04	2.28E-04	4.59E-04	4.03E-04	8.07E-04	1.62E-03	1.43E-03
981	387193.93, 3749773.71	3.517	7.086	6.23	1.66E-04	3.35E-04	2.94E-04	2.31E-04	4.65E-04	4.09E-04	8.18E-04	1.65E-03	1.45E-03
982	387193.93, 3749798.71	3.562	7.181	6.311	1.68E-04	3.39E-04	2.98E-04	2.34E-04	4.71E-04	4.14E-04	8.28E-04	1.67E-03	1.47E-03
983	387193.93, 3749823.71	3.613	7.278	6.403	1.71E-04	3.44E-04	3.02E-04	2.37E-04	4.78E-04	4.20E-04	8.40E-04	1.69E-03	1.49E-03
984	387193.93, 3749848.71	3.647	7.381	6.5	1.72E-04	3.49E-04	3.07E-04	2.39E-04	4.84E-04	4.27E-04	8.48E-04	1.72E-03	1.51E-03
985	387193.93, 3749873.71	3.705	7.487	6.59	1.75E-04	3.54E-04	3.11E-04	2.43E-04	4.91E-04	4.32E-04	8.61E-04	1.74E-03	1.53E-03
986	387193.93, 3749898.71	3.747	7.585	6.673	1.77E-04	3.58E-04	3.15E-04	2.46E-04	4.98E-04	4.38E-04	8.71E-04	1.76E-03	1.55E-03
987	387193.93, 3749923.71	3.827	7.708	6.777	1.81E-04	3.64E-04	3.20E-04	2.51E-04	5.06E-04	4.45E-04	8.90E-04	1.79E-03	1.58E-03
988	387193.93, 3749948.71	3.851	7.793	6.869	1.82E-04	3.68E-04	3.24E-04	2.53E-04	5.11E-04	4.51E-04	8.95E-04	1.81E-03	1.60E-03
989	387193.93, 3749973.71	3.903	7.916	6.98	1.84E-04	3.74E-04	3.30E-04	2.56E-04	5.19E-04	4.58E-04	9.07E-04	1.84E-03	1.62E-03
990	387193.93, 3749998.71	3.963	8.044	7.088	1.87E-04	3.80E-04	3.35E-04	2.60E-04	5.28E-04	4.65E-04	9.21E-04	1.87E-03	1.65E-03
991	387193.93, 3750023.71	4.059	8.194	7.205	1.92E-04	3.87E-04	3.40E-04	2.66E-04	5.38E-04	4.73E-04	9.44E-04	1.90E-03	1.68E-03
992	387193.93, 3750048.71	4.113	8.314	7.321	1.94E-04	3.93E-04	3.46E-04	2.70E-04	5.45E-04	4.80E-04	9.56E-04	1.93E-03	1.70E-03
993	387193.93, 3750073.71	4.162	8.433	7.431	1.97E-04	3.98E-04	3.51E-04	2.73E-04	5.53E-04	4.88E-04	9.68E-04	1.96E-03	1.73E-03
994	387193.93, 3750098.71	4.259	8.601	7.57	2.01E-04	4.06E-04	3.58E-04	2.79E-04	5.64E-04	4.97E-04	9.90E-04	2.00E-03	1.76E-03
995	387193.93, 3750123.71	4.337	8.763	7.703	2.05E-04	4.14E-04	3.64E-04	2.85E-04	5.75E-04	5.05E-04	1.01E-03	2.04E-03	1.79E-03
996	387193.93, 3750148.71	4.435	8.935	7.845	2.09E-04	4.22E-04	3.71E-04	2.91E-04	5.86E-04	5.15E-04	1.03E-03	2.08E-03	1.82E-03
997	387193.93, 3750173.71	4.499	9.087	7.985	2.12E-04	4.29E-04	3.77E-04	2.95E-04	5.96E-04	5.24E-04	1.05E-03	2.11E-03	1.86E-03
998	387193.93, 3750198.71	4.596	9.258	8.141	2.17E-04	4.37E-04	3.84E-04	3.02E-04	6.07E-04	5.34E-04	1.07E-03	2.15E-03	1.89E-03
999	387193.93, 3750223.71	4.672	9.42	8.298	2.21E-04	4.45E-04	3.92E-04	3.07E-04	6.18E-04	5.44E-04	1.09E-03	2.19E-03	1.93E-03
1000	387193.93, 3750248.71	4.791	9.618	8.491	2.26E-04	4.54E-04	4.01E-04	3.14E-04	6.31E-04	5.57E-04	1.11E-03	2.24E-03	1.97E-03
1001	387193.93, 3750273.71	4.874	9.787	8.657	2.30E-04	4.62E-04	4.09E-04	3.20E-04	6.42E-04	5.68E-04	1.13E-03	2.28E-03	2.01E-03
1002	387193.93, 3750298.71	4.964	9.965	8.827	2.34E-04	4.71E-04	4.17E-04	3.26E-04	6.54E-04	5.79E-04	1.15E-03	2.32E-03	2.05E-03
1003	387193.93, 3750323.71	5.059	10.15	8.998	2.39E-04	4.79E-04	4.25E-04	3.32E-04	6.66E-04	5.90E-04	1.18E-03	2.36E-03	2.09E-03
1004	387193.93, 3750348.71	5.183	10.38	9.203	2.45E-04	4.90E-04	4.35E-04	3.40E-04	6.81E-04	6.04E-04	1.21E-03	2.41E-03	2.14E-03
1005	387193.93, 3750373.71	5.289	10.59	9.402	2.50E-04	5.00E-04	4.44E-04	3.47E-04	6.95E-04	6.17E-04	1.23E-03	2.46E-03	2.19E-03
1006	387193.93, 3750398.71	5.344	10.75	9.556	2.52E-04	5.08E-04	4.51E-04	3.51E-04	7.05E-04	6.27E-04	1.24E-03	2.50E-03	2.22E-03
1007	387193.93, 3750423.71	5.441	10.96	9.734	2.57E-04	5.18E-04	4.60E-04	3.57E-04	7.19E-04	6.39E-04	1.26E-03	2.55E-03	2.26E-03
1008	387193.93, 3750448.71	5.572	11.21	9.969	2.63E-04	5.29E-04	4.71E-04	3.66E-04	7.35E-04	6.54E-04	1.30E-03	2.61E-03	2.32E-03
1009	387193.93, 3750473.71	5.713	11.48	10.21	2.70E-04	5.42E-04	4.82E-04	3.75E-04	7.53E-04	6.70E-04	1.33E-03	2.67E-03	2.37E-03
1010	387193.93, 3750498.71	5.82	11.73	10.41	2.75E-04	5.54E-04	4.92E-04	3.82E-04	7.69E-04	6.83E-04	1.35E-03	2.73E-03	2.42E-03
1011	387193.93, 3750523.71	5.929	11.98	10.64	2.80E-04	5.66E-04	5.02E-04	3.89E-04	7.86E-04	6.98E-04	1.38E-03	2.79E-03	2.47E-03
1012	387193.93, 3750548.71	6.068	12.27	10.9	2.87E-04	5.80E-04	5.15E-04	3.98E-04	8.05E-04	7.15E-04	1.41E-03	2.85E-03	2.53E-03
1013	387193.93, 3750573.71	6.233	12.59	11.19	2.94E-04	5.95E-04	5.28E-04	4.09E-04	8.26E-04	7.34E-04	1.45E-03	2.93E-03	2.60E-03
1014	387193.93, 3750598.71	6.411	12.93	11.51	3.03E-04	6.11E-04	5.44E-04	4.21E-04	8.48E-04	7.55E-04	1.49E-03	3.01E-03	2.68E-03
1015	387193.93, 3750623.71	6.623	13.32	11.88	3.13E-04	6.29E-04	5.61E-04	4.35E-04	8.74E-04	7.80E-04	1.54E-03	3.10E-03	2.76E-03
1016	387193.93, 3750648.71	6.788	13.66	12.21	3.21E-04	6.45E-04	5.76E-04	4.45E-04	8.96E-04	8.01E-04	1.58E-03	3.17E-03	2.84E-03
1017	387193.93, 3750673.71	6.998	14.05	12.56	3.30E-04	6.64E-04	5.93E-04	4.59E-04	9.22E-04	8.24E-04	1.63E-03	3.27E-03	2.92E-03
1018	387193.93, 3750698.71	6.981	14.26	12.68	3.30E-04	6.73E-04	5.99E-04	4.58E-04	9.35E-04	8.32E-04	1.62E-03	3.31E-03	2.95E-03
1019	387193.93, 3750723.71	7.349	14.85	13.26	3.47E-04	7.01E-04	6.26E-04	4.82E-04	9.74E-04	8.70E-04	1.71E-03	3.45E-03	3.08E-03
1020	387193.93, 3750748.71	7.648	15.41	13.76	3.61E-04	7.28E-04	6.50E-04	5.02E-04	1.01E-03	9.03E-04	1.78E-03	3.58E-03	3.20E-03

1021	387193.93, 3750773.71	7.901	15.9	14.23	3.73E-04	7.51E-04	6.72E-04	5.18E-04	1.04E-03	9.34E-04	1.84E-03	3.70E-03	3.31E-03
1022	387193.93, 3750798.71	8.204	16.43	14.68	3.87E-04	7.76E-04	6.93E-04	5.38E-04	1.08E-03	9.63E-04	1.91E-03	3.82E-03	3.41E-03
1023	387193.93, 3750823.71	8.545	17.1	15.21	4.04E-04	8.08E-04	7.18E-04	5.61E-04	1.12E-03	9.98E-04	1.99E-03	3.98E-03	3.54E-03
1024	387193.93, 3750848.71	8.901	17.79	15.8	4.20E-04	8.40E-04	7.46E-04	5.84E-04	1.17E-03	1.04E-03	2.07E-03	4.14E-03	3.67E-03
1025	387193.93, 3750873.71	9.339	18.68	16.6	4.41E-04	8.82E-04	7.84E-04	6.13E-04	1.23E-03	1.09E-03	2.17E-03	4.34E-03	3.86E-03
1026	387193.93, 3750898.71	9.814	19.62	17.61	4.63E-04	9.27E-04	8.32E-04	6.44E-04	1.29E-03	1.16E-03	2.28E-03	4.56E-03	4.10E-03
1027	387193.93, 3750923.71	10.12	20.18	18.14	4.78E-04	9.53E-04	8.57E-04	6.64E-04	1.32E-03	1.19E-03	2.35E-03	4.69E-03	4.22E-03
1028	387193.93, 3750948.71	10.44	20.96	18.62	4.93E-04	9.90E-04	8.79E-04	6.85E-04	1.38E-03	1.22E-03	2.43E-03	4.87E-03	4.33E-03
1029	387193.93, 3750973.71	10.95	22.03	19.56	5.17E-04	1.04E-03	9.24E-04	7.18E-04	1.45E-03	1.28E-03	2.54E-03	5.12E-03	4.55E-03
1030	387193.93, 3750998.71	11.6	23.37	20.71	5.48E-04	1.10E-03	9.78E-04	7.61E-04	1.53E-03	1.36E-03	2.70E-03	5.43E-03	4.82E-03
1031	387193.93, 3751023.71	12.74	25.67	22.87	6.02E-04	1.21E-03	1.08E-03	8.36E-04	1.68E-03	1.50E-03	2.96E-03	5.97E-03	5.32E-03
1032	387193.93, 3751048.71	13.23	26.67	23.88	6.25E-04	1.26E-03	1.13E-03	8.68E-04	1.75E-03	1.57E-03	3.08E-03	6.20E-03	5.55E-03
1033	387193.93, 3751073.71	13.02	26.64	23.59	6.15E-04	1.26E-03	1.11E-03	8.54E-04	1.75E-03	1.55E-03	3.03E-03	6.19E-03	5.48E-03
1034	387193.93, 3751098.71	20.71	39.4	35.04	9.78E-04	1.86E-03	1.65E-03	1.36E-03	2.59E-03	2.30E-03	4.82E-03	9.16E-03	8.15E-03
1035	387193.93, 3751123.71	22.83	43.66	38.77	1.08E-03	2.06E-03	1.83E-03	1.50E-03	2.87E-03	2.54E-03	5.31E-03	1.02E-02	9.01E-03
1036	387218.93, 3748973.71	1.877	3.693	3.279	8.86E-05	1.74E-04	1.55E-04	1.23E-04	2.42E-04	2.15E-04	4.36E-04	8.59E-04	7.62E-04
1037	387218.93, 3748998.71	1.989	3.869	3.418	9.39E-05	1.83E-04	1.61E-04	1.30E-04	2.54E-04	2.24E-04	4.62E-04	9.00E-04	7.95E-04
1038	387218.93, 3749023.71	2.091	4.056	3.579	9.88E-05	1.92E-04	1.69E-04	1.37E-04	2.66E-04	2.35E-04	4.86E-04	9.43E-04	8.32E-04
1039	387218.93, 3749048.71	2.196	4.248	3.743	1.04E-04	2.01E-04	1.77E-04	1.44E-04	2.79E-04	2.46E-04	5.11E-04	9.88E-04	8.70E-04
1040	387218.93, 3749073.71	2.277	4.47	3.934	1.08E-04	2.11E-04	1.86E-04	1.49E-04	2.93E-04	2.58E-04	5.29E-04	1.04E-03	9.15E-04
1041	387218.93, 3749098.71	2.36	4.649	4.082	1.11E-04	2.20E-04	1.93E-04	1.55E-04	3.05E-04	2.68E-04	5.49E-04	1.08E-03	9.49E-04
1042	387218.93, 3749123.71	2.433	4.823	4.229	1.15E-04	2.28E-04	2.00E-04	1.60E-04	3.16E-04	2.77E-04	5.66E-04	1.12E-03	9.83E-04
1043	387218.93, 3749148.71	2.51	4.979	4.362	1.19E-04	2.35E-04	2.06E-04	1.65E-04	3.27E-04	2.86E-04	5.83E-04	1.16E-03	1.01E-03
1044	387218.93, 3749173.71	2.58	5.134	4.501	1.22E-04	2.42E-04	2.13E-04	1.69E-04	3.37E-04	2.95E-04	6.00E-04	1.19E-03	1.05E-03
1045	387218.93, 3749198.71	2.648	5.275	4.628	1.25E-04	2.49E-04	2.19E-04	1.74E-04	3.46E-04	3.04E-04	6.16E-04	1.23E-03	1.08E-03
1046	387218.93, 3749223.71	2.72	5.4	4.738	1.28E-04	2.55E-04	2.24E-04	1.78E-04	3.54E-04	3.11E-04	6.32E-04	1.26E-03	1.10E-03
1047	387218.93, 3749248.71	2.792	5.517	4.849	1.32E-04	2.61E-04	2.29E-04	1.83E-04	3.62E-04	3.18E-04	6.49E-04	1.28E-03	1.13E-03
1048	387218.93, 3749273.71	2.869	5.641	4.961	1.36E-04	2.66E-04	2.34E-04	1.88E-04	3.70E-04	3.26E-04	6.67E-04	1.31E-03	1.15E-03
1049	387218.93, 3749298.71	2.932	5.768	5.076	1.38E-04	2.72E-04	2.40E-04	1.92E-04	3.78E-04	3.33E-04	6.82E-04	1.34E-03	1.18E-03
1050	387218.93, 3749323.71	2.977	5.887	5.178	1.41E-04	2.78E-04	2.45E-04	1.95E-04	3.86E-04	3.40E-04	6.92E-04	1.37E-03	1.20E-03
1051	387218.93, 3749348.71	3.052	6.009	5.289	1.44E-04	2.84E-04	2.50E-04	2.00E-04	3.94E-04	3.47E-04	7.10E-04	1.40E-03	1.23E-03
1052	387218.93, 3749373.71	3.111	6.127	5.396	1.47E-04	2.89E-04	2.55E-04	2.04E-04	4.02E-04	3.54E-04	7.23E-04	1.42E-03	1.25E-03
1053	387218.93, 3749398.71	3.171	6.236	5.502	1.50E-04	2.95E-04	2.60E-04	2.08E-04	4.09E-04	3.61E-04	7.37E-04	1.45E-03	1.28E-03
1054	387218.93, 3749423.71	3.225	6.355	5.609	1.52E-04	3.00E-04	2.65E-04	2.12E-04	4.17E-04	3.68E-04	7.50E-04	1.48E-03	1.30E-03
1055	387218.93, 3749448.71	3.271	6.486	5.709	1.54E-04	3.06E-04	2.70E-04	2.15E-04	4.26E-04	3.75E-04	7.60E-04	1.51E-03	1.33E-03
1056	387218.93, 3749473.71	3.311	6.611	5.816	1.56E-04	3.12E-04	2.75E-04	2.17E-04	4.34E-04	3.82E-04	7.70E-04	1.54E-03	1.35E-03
1057	387218.93, 3749498.71	3.342	6.747	5.915	1.58E-04	3.19E-04	2.79E-04	2.19E-04	4.43E-04	3.88E-04	7.77E-04	1.57E-03	1.38E-03
1058	387218.93, 3749523.71	3.404	6.859	6.011	1.61E-04	3.24E-04	2.84E-04	2.23E-04	4.50E-04	3.94E-04	7.91E-04	1.59E-03	1.40E-03
1059	387218.93, 3749548.71	3.462	6.975	6.109	1.64E-04	3.29E-04	2.89E-04	2.27E-04	4.58E-04	4.01E-04	8.05E-04	1.62E-03	1.42E-03
1060	387218.93, 3749573.71	3.531	7.076	6.199	1.67E-04	3.34E-04	2.93E-04	2.32E-04	4.64E-04	4.07E-04	8.21E-04	1.65E-03	1.44E-03
1061	387218.93, 3749598.71	3.592	7.181	6.297	1.70E-04	3.39E-04	2.97E-04	2.36E-04	4.71E-04	4.13E-04	8.35E-04	1.67E-03	1.46E-03

1062	387218.93, 3749623.71	3.645	7.292	6.39	1.72E-04	3.44E-04	3.02E-04	2.39E-04	4.78E-04	4.19E-04	8.47E-04	1.70E-03	1.49E-03
1063	387218.93, 3749648.71	3.723	7.394	6.509	1.76E-04	3.49E-04	3.07E-04	2.44E-04	4.85E-04	4.27E-04	8.66E-04	1.72E-03	1.51E-03
1064	387218.93, 3749673.71	3.755	7.506	6.59	1.77E-04	3.54E-04	3.11E-04	2.46E-04	4.93E-04	4.32E-04	8.73E-04	1.75E-03	1.53E-03
1065	387218.93, 3749698.71	3.81	7.631	6.702	1.80E-04	3.60E-04	3.17E-04	2.50E-04	5.01E-04	4.40E-04	8.86E-04	1.77E-03	1.56E-03
1066	387218.93, 3749723.71	3.864	7.753	6.815	1.82E-04	3.66E-04	3.22E-04	2.54E-04	5.09E-04	4.47E-04	8.98E-04	1.80E-03	1.58E-03
1067	387218.93, 3749748.71	3.931	7.879	6.929	1.86E-04	3.72E-04	3.27E-04	2.58E-04	5.17E-04	4.55E-04	9.14E-04	1.83E-03	1.61E-03
1068	387218.93, 3749773.71	3.988	7.999	7.033	1.88E-04	3.78E-04	3.32E-04	2.62E-04	5.25E-04	4.61E-04	9.27E-04	1.86E-03	1.64E-03
1069	387218.93, 3749798.71	4.036	8.11	7.132	1.91E-04	3.83E-04	3.37E-04	2.65E-04	5.32E-04	4.68E-04	9.38E-04	1.89E-03	1.66E-03
1070	387218.93, 3749823.71	4.109	8.237	7.248	1.94E-04	3.89E-04	3.42E-04	2.70E-04	5.40E-04	4.76E-04	9.55E-04	1.92E-03	1.69E-03
1071	387218.93, 3749848.71	4.161	8.359	7.355	1.97E-04	3.95E-04	3.47E-04	2.73E-04	5.48E-04	4.83E-04	9.67E-04	1.94E-03	1.71E-03
1072	387218.93, 3749873.71	4.216	8.493	7.472	1.99E-04	4.01E-04	3.53E-04	2.77E-04	5.57E-04	4.90E-04	9.80E-04	1.97E-03	1.74E-03
1073	387218.93, 3749898.71	4.275	8.62	7.584	2.02E-04	4.07E-04	3.58E-04	2.81E-04	5.66E-04	4.98E-04	9.94E-04	2.00E-03	1.76E-03
1074	387218.93, 3749923.71	4.384	8.786	7.731	2.07E-04	4.15E-04	3.65E-04	2.88E-04	5.76E-04	5.07E-04	1.02E-03	2.04E-03	1.80E-03
1075	387218.93, 3749948.71	4.427	8.903	7.85	2.09E-04	4.20E-04	3.71E-04	2.90E-04	5.84E-04	5.15E-04	1.03E-03	2.07E-03	1.82E-03
1076	387218.93, 3749973.71	4.492	9.049	7.982	2.12E-04	4.27E-04	3.77E-04	2.95E-04	5.94E-04	5.24E-04	1.04E-03	2.10E-03	1.86E-03
1077	387218.93, 3749998.71	4.55	9.209	8.115	2.15E-04	4.35E-04	3.83E-04	2.99E-04	6.04E-04	5.32E-04	1.06E-03	2.14E-03	1.89E-03
1078	387218.93, 3750023.71	4.67	9.403	8.292	2.21E-04	4.44E-04	3.92E-04	3.06E-04	6.17E-04	5.44E-04	1.09E-03	2.19E-03	1.93E-03
1079	387218.93, 3750048.71	4.72	9.543	8.416	2.23E-04	4.51E-04	3.97E-04	3.10E-04	6.26E-04	5.52E-04	1.10E-03	2.22E-03	1.96E-03
1080	387218.93, 3750073.71	4.82	9.726	8.585	2.28E-04	4.59E-04	4.05E-04	3.16E-04	6.38E-04	5.63E-04	1.12E-03	2.26E-03	2.00E-03
1081	387218.93, 3750098.71	4.949	9.955	8.791	2.34E-04	4.70E-04	4.15E-04	3.25E-04	6.53E-04	5.77E-04	1.15E-03	2.31E-03	2.04E-03
1082	387218.93, 3750123.71	5.061	10.18	8.994	2.39E-04	4.81E-04	4.25E-04	3.32E-04	6.68E-04	5.90E-04	1.18E-03	2.37E-03	2.09E-03
1083	387218.93, 3750148.71	5.202	10.43	9.226	2.46E-04	4.92E-04	4.36E-04	3.41E-04	6.84E-04	6.05E-04	1.21E-03	2.42E-03	2.14E-03
1084	387218.93, 3750173.71	5.264	10.6	9.383	2.49E-04	5.01E-04	4.43E-04	3.45E-04	6.95E-04	6.16E-04	1.22E-03	2.46E-03	2.18E-03
1085	387218.93, 3750198.71	5.381	10.83	9.601	2.54E-04	5.11E-04	4.53E-04	3.53E-04	7.11E-04	6.30E-04	1.25E-03	2.52E-03	2.23E-03
1086	387218.93, 3750223.71	5.56	11.14	9.891	2.63E-04	5.26E-04	4.67E-04	3.65E-04	7.31E-04	6.49E-04	1.29E-03	2.59E-03	2.30E-03
1087	387218.93, 3750248.71	5.719	11.44	10.17	2.70E-04	5.40E-04	4.80E-04	3.75E-04	7.50E-04	6.67E-04	1.33E-03	2.66E-03	2.36E-03
1088	387218.93, 3750273.71	5.833	11.68	10.4	2.75E-04	5.51E-04	4.91E-04	3.83E-04	7.66E-04	6.82E-04	1.36E-03	2.71E-03	2.42E-03
1089	387218.93, 3750298.71	5.994	11.97	10.67	2.83E-04	5.65E-04	5.04E-04	3.93E-04	7.85E-04	7.00E-04	1.39E-03	2.78E-03	2.48E-03
1090	387218.93, 3750323.71	6.145	12.25	10.94	2.90E-04	5.79E-04	5.16E-04	4.03E-04	8.04E-04	7.18E-04	1.43E-03	2.85E-03	2.54E-03
1091	387218.93, 3750348.71	6.297	12.56	11.21	2.97E-04	5.93E-04	5.30E-04	4.13E-04	8.24E-04	7.36E-04	1.46E-03	2.92E-03	2.61E-03
1092	387218.93, 3750373.71	6.476	12.9	11.52	3.06E-04	6.09E-04	5.44E-04	4.25E-04	8.46E-04	7.56E-04	1.51E-03	3.00E-03	2.68E-03
1093	387218.93, 3750398.71	6.498	13.07	11.68	3.07E-04	6.17E-04	5.52E-04	4.26E-04	8.58E-04	7.66E-04	1.51E-03	3.04E-03	2.72E-03
1094	387218.93, 3750423.71	6.737	13.49	12.07	3.18E-04	6.37E-04	5.70E-04	4.42E-04	8.85E-04	7.92E-04	1.57E-03	3.14E-03	2.81E-03
1095	387218.93, 3750448.71	6.925	13.87	12.41	3.27E-04	6.55E-04	5.86E-04	4.54E-04	9.10E-04	8.14E-04	1.61E-03	3.22E-03	2.89E-03
1096	387218.93, 3750473.71	7.17	14.3	12.82	3.39E-04	6.75E-04	6.05E-04	4.70E-04	9.38E-04	8.41E-04	1.67E-03	3.32E-03	2.98E-03
1097	387218.93, 3750498.71	7.32	14.68	13.12	3.46E-04	6.94E-04	6.20E-04	4.80E-04	9.64E-04	8.61E-04	1.70E-03	3.41E-03	3.05E-03
1098	387218.93, 3750523.71	7.554	15.15	13.54	3.57E-04	7.15E-04	6.40E-04	4.96E-04	9.94E-04	8.89E-04	1.76E-03	3.52E-03	3.15E-03
1099	387218.93, 3750548.71	7.822	15.68	14.03	3.69E-04	7.41E-04	6.62E-04	5.13E-04	1.03E-03	9.20E-04	1.82E-03	3.65E-03	3.26E-03
1100	387218.93, 3750573.71	8.1	16.24	14.54	3.83E-04	7.67E-04	6.87E-04	5.31E-04	1.07E-03	9.54E-04	1.88E-03	3.77E-03	3.38E-03
1101	387218.93, 3750598.71	8.421	16.81	15.06	3.98E-04	7.94E-04	7.11E-04	5.53E-04	1.10E-03	9.88E-04	1.96E-03	3.91E-03	3.50E-03
1102	387218.93, 3750623.71	8.855	17.62	15.74	4.18E-04	8.32E-04	7.44E-04	5.81E-04	1.16E-03	1.03E-03	2.06E-03	4.10E-03	3.66E-03

1103	387218.93, 3750648.71	9.095	18.17	16.3	4.30E-04	8.58E-04	7.70E-04	5.97E-04	1.19E-03	1.07E-03	2.11E-03	4.22E-03	3.79E-03
1104	387218.93, 3750673.71	9.37	18.78	16.76	4.43E-04	8.87E-04	7.92E-04	6.15E-04	1.23E-03	1.10E-03	2.18E-03	4.37E-03	3.90E-03
1105	387218.93, 3750698.71	9.798	19.7	17.53	4.63E-04	9.30E-04	8.28E-04	6.43E-04	1.29E-03	1.15E-03	2.28E-03	4.58E-03	4.08E-03
1106	387218.93, 3750723.71	10.25	20.57	18.33	4.84E-04	9.72E-04	8.66E-04	6.73E-04	1.35E-03	1.20E-03	2.38E-03	4.78E-03	4.26E-03
1107	387218.93, 3750748.71	10.78	21.7	19.22	5.09E-04	1.02E-03	9.08E-04	7.07E-04	1.42E-03	1.26E-03	2.51E-03	5.04E-03	4.47E-03
1108	387218.93, 3750773.71	11.32	22.84	20.35	5.35E-04	1.08E-03	9.61E-04	7.43E-04	1.50E-03	1.34E-03	2.63E-03	5.31E-03	4.73E-03
1109	387218.93, 3750798.71	11.65	23.49	20.92	5.50E-04	1.11E-03	9.88E-04	7.64E-04	1.54E-03	1.37E-03	2.71E-03	5.46E-03	4.86E-03
1110	387218.93, 3750823.71	12.13	24.68	21.85	5.73E-04	1.17E-03	1.03E-03	7.96E-04	1.62E-03	1.43E-03	2.82E-03	5.74E-03	5.08E-03
1111	387218.93, 3750848.71	13.04	26.5	23.52	6.16E-04	1.25E-03	1.11E-03	8.56E-04	1.74E-03	1.54E-03	3.03E-03	6.16E-03	5.47E-03
1112	387218.93, 3750873.71	14.16	28.76	25.38	6.69E-04	1.36E-03	1.20E-03	9.29E-04	1.89E-03	1.67E-03	3.29E-03	6.69E-03	5.90E-03
1113	387218.93, 3750898.71	19.87	38.74	34.26	9.38E-04	1.83E-03	1.62E-03	1.30E-03	2.54E-03	2.25E-03	4.62E-03	9.01E-03	7.97E-03
1114	387243.93, 3748973.71	2.076	4.043	3.583	9.80E-05	1.91E-04	1.69E-04	1.36E-04	2.65E-04	2.35E-04	4.83E-04	9.40E-04	8.33E-04
1115	387243.93, 3748998.71	2.205	4.273	3.776	1.04E-04	2.02E-04	1.78E-04	1.45E-04	2.80E-04	2.48E-04	5.13E-04	9.93E-04	8.78E-04
1116	387243.93, 3749023.71	2.333	4.508	3.985	1.10E-04	2.13E-04	1.88E-04	1.53E-04	2.96E-04	2.61E-04	5.42E-04	1.05E-03	9.27E-04
1117	387243.93, 3749048.71	2.439	4.772	4.215	1.15E-04	2.25E-04	1.99E-04	1.60E-04	3.13E-04	2.77E-04	5.67E-04	1.11E-03	9.80E-04
1118	387243.93, 3749073.71	2.538	4.991	4.403	1.20E-04	2.36E-04	2.08E-04	1.66E-04	3.27E-04	2.89E-04	5.90E-04	1.16E-03	1.02E-03
1119	387243.93, 3749098.71	2.634	5.193	4.572	1.24E-04	2.45E-04	2.16E-04	1.73E-04	3.41E-04	3.00E-04	6.12E-04	1.21E-03	1.06E-03
1120	387243.93, 3749123.71	2.727	5.381	4.726	1.29E-04	2.54E-04	2.23E-04	1.79E-04	3.53E-04	3.10E-04	6.34E-04	1.25E-03	1.10E-03
1121	387243.93, 3749148.71	2.817	5.553	4.878	1.33E-04	2.62E-04	2.30E-04	1.85E-04	3.64E-04	3.20E-04	6.55E-04	1.29E-03	1.13E-03
1122	387243.93, 3749173.71	2.903	5.718	5.021	1.37E-04	2.70E-04	2.37E-04	1.90E-04	3.75E-04	3.29E-04	6.75E-04	1.33E-03	1.17E-03
1123	387243.93, 3749198.71	2.986	5.874	5.163	1.41E-04	2.77E-04	2.44E-04	1.96E-04	3.85E-04	3.39E-04	6.94E-04	1.37E-03	1.20E-03
1124	387243.93, 3749223.71	3.073	6.027	5.303	1.45E-04	2.85E-04	2.50E-04	2.02E-04	3.95E-04	3.48E-04	7.14E-04	1.40E-03	1.23E-03
1125	387243.93, 3749248.71	3.156	6.181	5.442	1.49E-04	2.92E-04	2.57E-04	2.07E-04	4.06E-04	3.57E-04	7.34E-04	1.44E-03	1.27E-03
1126	387243.93, 3749273.71	3.232	6.325	5.575	1.53E-04	2.99E-04	2.63E-04	2.12E-04	4.15E-04	3.66E-04	7.51E-04	1.47E-03	1.30E-03
1127	387243.93, 3749298.71	3.306	6.47	5.706	1.56E-04	3.06E-04	2.69E-04	2.17E-04	4.25E-04	3.74E-04	7.69E-04	1.50E-03	1.33E-03
1128	387243.93, 3749323.71	3.377	6.618	5.843	1.59E-04	3.13E-04	2.76E-04	2.22E-04	4.34E-04	3.83E-04	7.85E-04	1.54E-03	1.36E-03
1129	387243.93, 3749348.71	3.451	6.751	5.969	1.63E-04	3.19E-04	2.82E-04	2.26E-04	4.43E-04	3.92E-04	8.02E-04	1.57E-03	1.39E-03
1130	387243.93, 3749373.71	3.518	6.896	6.097	1.66E-04	3.26E-04	2.88E-04	2.31E-04	4.52E-04	4.00E-04	8.18E-04	1.60E-03	1.42E-03
1131	387243.93, 3749398.71	3.595	7.023	6.217	1.70E-04	3.32E-04	2.94E-04	2.36E-04	4.61E-04	4.08E-04	8.36E-04	1.63E-03	1.45E-03
1132	387243.93, 3749423.71	3.655	7.168	6.342	1.73E-04	3.39E-04	3.00E-04	2.40E-04	4.70E-04	4.16E-04	8.50E-04	1.67E-03	1.47E-03
1133	387243.93, 3749448.71	3.707	7.324	6.46	1.75E-04	3.46E-04	3.05E-04	2.43E-04	4.81E-04	4.24E-04	8.62E-04	1.70E-03	1.50E-03
1134	387243.93, 3749473.71	3.754	7.473	6.587	1.77E-04	3.53E-04	3.11E-04	2.46E-04	4.90E-04	4.32E-04	8.73E-04	1.74E-03	1.53E-03
1135	387243.93, 3749498.71	3.796	7.621	6.704	1.79E-04	3.60E-04	3.17E-04	2.49E-04	5.00E-04	4.40E-04	8.82E-04	1.77E-03	1.56E-03
1136	387243.93, 3749523.71	3.866	7.764	6.82	1.83E-04	3.67E-04	3.22E-04	2.54E-04	5.09E-04	4.47E-04	8.99E-04	1.81E-03	1.59E-03
1137	387243.93, 3749548.71	3.936	7.905	6.942	1.86E-04	3.73E-04	3.28E-04	2.58E-04	5.19E-04	4.55E-04	9.15E-04	1.84E-03	1.61E-03
1138	387243.93, 3749573.71	4.016	8.043	7.055	1.90E-04	3.80E-04	3.33E-04	2.63E-04	5.28E-04	4.63E-04	9.34E-04	1.87E-03	1.64E-03
1139	387243.93, 3749598.71	4.1	8.163	7.194	1.94E-04	3.85E-04	3.40E-04	2.69E-04	5.36E-04	4.72E-04	9.53E-04	1.90E-03	1.67E-03
1140	387243.93, 3749623.71	4.164	8.294	7.311	1.97E-04	3.92E-04	3.45E-04	2.73E-04	5.44E-04	4.80E-04	9.68E-04	1.93E-03	1.70E-03
1141	387243.93, 3749648.71	4.262	8.434	7.459	2.01E-04	3.98E-04	3.52E-04	2.80E-04	5.53E-04	4.89E-04	9.91E-04	1.96E-03	1.73E-03
1142	387243.93, 3749673.71	4.296	8.574	7.549	2.03E-04	4.05E-04	3.57E-04	2.82E-04	5.63E-04	4.95E-04	9.99E-04	1.99E-03	1.76E-03
1143	387243.93, 3749698.71	4.36	8.719	7.673	2.06E-04	4.12E-04	3.62E-04	2.86E-04	5.72E-04	5.03E-04	1.01E-03	2.03E-03	1.78E-03

1144	387243.93, 3749723.71	4.4	8.851	7.785	2.08E-04	4.18E-04	3.68E-04	2.89E-04	5.81E-04	5.11E-04	1.02E-03	2.06E-03	1.81E-03
1145	387243.93, 3749748.71	4.465	9.006	7.916	2.11E-04	4.25E-04	3.74E-04	2.93E-04	5.91E-04	5.19E-04	1.04E-03	2.09E-03	1.84E-03
1146	387243.93, 3749773.71	4.579	9.177	8.091	2.16E-04	4.33E-04	3.82E-04	3.00E-04	6.02E-04	5.31E-04	1.06E-03	2.13E-03	1.88E-03
1147	387243.93, 3749798.71	4.67	9.335	8.239	2.21E-04	4.41E-04	3.89E-04	3.06E-04	6.13E-04	5.41E-04	1.09E-03	2.17E-03	1.92E-03
1148	387243.93, 3749823.71	4.758	9.495	8.39	2.25E-04	4.48E-04	3.96E-04	3.12E-04	6.23E-04	5.51E-04	1.11E-03	2.21E-03	1.95E-03
1149	387243.93, 3749848.71	4.818	9.66	8.535	2.28E-04	4.56E-04	4.03E-04	3.16E-04	6.34E-04	5.60E-04	1.12E-03	2.25E-03	1.98E-03
1150	387243.93, 3749873.71	4.891	9.823	8.684	2.31E-04	4.64E-04	4.10E-04	3.21E-04	6.45E-04	5.70E-04	1.14E-03	2.28E-03	2.02E-03
1151	387243.93, 3749898.71	4.999	10.02	8.869	2.36E-04	4.73E-04	4.19E-04	3.28E-04	6.57E-04	5.82E-04	1.16E-03	2.33E-03	2.06E-03
1152	387243.93, 3749923.71	5.137	10.24	9.088	2.43E-04	4.84E-04	4.29E-04	3.37E-04	6.72E-04	5.96E-04	1.19E-03	2.38E-03	2.11E-03
1153	387243.93, 3749948.71	5.167	10.37	9.213	2.44E-04	4.90E-04	4.35E-04	3.39E-04	6.80E-04	6.05E-04	1.20E-03	2.41E-03	2.14E-03
1154	387243.93, 3749973.71	5.285	10.6	9.419	2.50E-04	5.01E-04	4.45E-04	3.47E-04	6.96E-04	6.18E-04	1.23E-03	2.47E-03	2.19E-03
1155	387243.93, 3749998.71	5.381	10.83	9.614	2.54E-04	5.12E-04	4.54E-04	3.53E-04	7.11E-04	6.31E-04	1.25E-03	2.52E-03	2.24E-03
1156	387243.93, 3750023.71	5.576	11.15	9.912	2.63E-04	5.27E-04	4.68E-04	3.66E-04	7.32E-04	6.50E-04	1.30E-03	2.59E-03	2.30E-03
1157	387243.93, 3750048.71	5.68	11.37	10.13	2.68E-04	5.37E-04	4.78E-04	3.73E-04	7.46E-04	6.64E-04	1.32E-03	2.64E-03	2.35E-03
1158	387243.93, 3750073.71	5.778	11.59	10.32	2.73E-04	5.48E-04	4.87E-04	3.79E-04	7.61E-04	6.77E-04	1.34E-03	2.70E-03	2.40E-03
1159	387243.93, 3750098.71	5.913	11.88	10.57	2.79E-04	5.61E-04	4.99E-04	3.88E-04	7.80E-04	6.93E-04	1.37E-03	2.76E-03	2.46E-03
1160	387243.93, 3750123.71	6.095	12.22	10.88	2.88E-04	5.77E-04	5.14E-04	4.00E-04	8.02E-04	7.14E-04	1.42E-03	2.84E-03	2.53E-03
1161	387243.93, 3750148.71	6.334	12.64	11.25	2.99E-04	5.97E-04	5.31E-04	4.16E-04	8.29E-04	7.38E-04	1.47E-03	2.94E-03	2.61E-03
1162	387243.93, 3750173.71	6.427	12.89	11.49	3.04E-04	6.09E-04	5.43E-04	4.22E-04	8.46E-04	7.54E-04	1.49E-03	3.00E-03	2.67E-03
1163	387243.93, 3750198.71	6.605	13.23	11.81	3.12E-04	6.25E-04	5.58E-04	4.33E-04	8.68E-04	7.75E-04	1.54E-03	3.08E-03	2.75E-03
1164	387243.93, 3750223.71	6.85	13.69	12.22	3.23E-04	6.46E-04	5.77E-04	4.49E-04	8.98E-04	8.02E-04	1.59E-03	3.18E-03	2.84E-03
1165	387243.93, 3750248.71	7.153	14.23	12.72	3.38E-04	6.72E-04	6.01E-04	4.69E-04	9.34E-04	8.35E-04	1.66E-03	3.31E-03	2.96E-03
1166	387243.93, 3750273.71	7.362	14.64	13.13	3.48E-04	6.92E-04	6.20E-04	4.83E-04	9.61E-04	8.61E-04	1.71E-03	3.40E-03	3.05E-03
1167	387243.93, 3750298.71	7.6	15.1	13.56	3.59E-04	7.13E-04	6.40E-04	4.99E-04	9.91E-04	8.90E-04	1.77E-03	3.51E-03	3.15E-03
1168	387243.93, 3750323.71	7.811	15.52	13.96	3.69E-04	7.33E-04	6.59E-04	5.13E-04	1.02E-03	9.16E-04	1.82E-03	3.61E-03	3.24E-03
1169	387243.93, 3750348.71	8.12	16.11	14.42	3.83E-04	7.61E-04	6.81E-04	5.33E-04	1.06E-03	9.46E-04	1.89E-03	3.75E-03	3.35E-03
1170	387243.93, 3750373.71	8.408	16.68	14.96	3.97E-04	7.88E-04	7.07E-04	5.52E-04	1.09E-03	9.82E-04	1.95E-03	3.88E-03	3.48E-03
1171	387243.93, 3750398.71	8.545	17.03	15.33	4.04E-04	8.04E-04	7.24E-04	5.61E-04	1.12E-03	1.01E-03	1.99E-03	3.96E-03	3.56E-03
1172	387243.93, 3750423.71	9.03	17.94	15.99	4.26E-04	8.47E-04	7.55E-04	5.93E-04	1.18E-03	1.05E-03	2.10E-03	4.17E-03	3.72E-03
1173	387243.93, 3750448.71	9.404	18.68	16.75	4.44E-04	8.82E-04	7.91E-04	6.17E-04	1.23E-03	1.10E-03	2.19E-03	4.34E-03	3.89E-03
1174	387243.93, 3750473.71	9.699	19.29	17.26	4.58E-04	9.11E-04	8.15E-04	6.36E-04	1.27E-03	1.13E-03	2.25E-03	4.49E-03	4.01E-03
1175	387243.93, 3750498.71	10.09	20.17	17.95	4.76E-04	9.53E-04	8.48E-04	6.62E-04	1.32E-03	1.18E-03	2.35E-03	4.69E-03	4.17E-03
1176	387243.93, 3750523.71	10.48	20.98	18.71	4.95E-04	9.91E-04	8.83E-04	6.87E-04	1.38E-03	1.23E-03	2.44E-03	4.88E-03	4.35E-03
1177	387243.93, 3750548.71	10.97	22.08	19.56	5.18E-04	1.04E-03	9.24E-04	7.20E-04	1.45E-03	1.28E-03	2.55E-03	5.13E-03	4.55E-03
1178	387243.93, 3750573.71	11.67	23.51	20.93	5.51E-04	1.11E-03	9.89E-04	7.65E-04	1.54E-03	1.37E-03	2.71E-03	5.47E-03	4.87E-03
1179	387243.93, 3750598.71	11.91	24.09	21.43	5.63E-04	1.14E-03	1.01E-03	7.82E-04	1.58E-03	1.41E-03	2.77E-03	5.60E-03	4.98E-03
1180	387243.93, 3750623.71	12.95	26.21	23.22	6.12E-04	1.24E-03	1.10E-03	8.50E-04	1.72E-03	1.52E-03	3.01E-03	6.09E-03	5.40E-03
1181	387243.93, 3750648.71	14.55	29.12	25.92	6.87E-04	1.38E-03	1.22E-03	9.54E-04	1.91E-03	1.70E-03	3.38E-03	6.77E-03	6.03E-03
1182	387243.93, 3750673.71	14.31	29.07	25.81	6.76E-04	1.37E-03	1.22E-03	9.39E-04	1.91E-03	1.69E-03	3.33E-03	6.76E-03	6.00E-03
1183	387243.93, 3750698.71	20.82	40.55	35.86	9.83E-04	1.91E-03	1.69E-03	1.37E-03	2.66E-03	2.35E-03	4.84E-03	9.43E-03	8.34E-03
1184	387268.93, 3748973.71	2.323	4.502	3.993	1.10E-04	2.13E-04	1.89E-04	1.52E-04	2.95E-04	2.62E-04	5.40E-04	1.05E-03	9.28E-04

1185	387268.93, 3748998.71	2.49	4.806	4.261	1.18E-04	2.27E-04	2.01E-04	1.63E-04	3.15E-04	2.80E-04	5.79E-04	1.12E-03	9.91E-04
1186	387268.93, 3749023.71	2.627	5.11	4.531	1.24E-04	2.41E-04	2.14E-04	1.72E-04	3.35E-04	2.97E-04	6.11E-04	1.19E-03	1.05E-03
1187	387268.93, 3749048.71	2.754	5.376	4.761	1.30E-04	2.54E-04	2.25E-04	1.81E-04	3.53E-04	3.12E-04	6.40E-04	1.25E-03	1.11E-03
1188	387268.93, 3749073.71	2.875	5.628	4.978	1.36E-04	2.66E-04	2.35E-04	1.89E-04	3.69E-04	3.27E-04	6.68E-04	1.31E-03	1.16E-03
1189	387268.93, 3749098.71	2.991	5.857	5.169	1.41E-04	2.77E-04	2.44E-04	1.96E-04	3.84E-04	3.39E-04	6.95E-04	1.36E-03	1.20E-03
1190	387268.93, 3749123.71	3.101	6.069	5.355	1.46E-04	2.87E-04	2.53E-04	2.03E-04	3.98E-04	3.51E-04	7.21E-04	1.41E-03	1.24E-03
1191	387268.93, 3749148.71	3.216	6.26	5.533	1.52E-04	2.96E-04	2.61E-04	2.11E-04	4.11E-04	3.63E-04	7.48E-04	1.46E-03	1.29E-03
1192	387268.93, 3749173.71	3.321	6.453	5.707	1.57E-04	3.05E-04	2.70E-04	2.18E-04	4.23E-04	3.74E-04	7.72E-04	1.50E-03	1.33E-03
1193	387268.93, 3749198.71	3.412	6.651	5.877	1.61E-04	3.14E-04	2.78E-04	2.24E-04	4.36E-04	3.86E-04	7.93E-04	1.55E-03	1.37E-03
1194	387268.93, 3749223.71	3.516	6.822	6.04	1.66E-04	3.22E-04	2.85E-04	2.31E-04	4.48E-04	3.96E-04	8.17E-04	1.59E-03	1.40E-03
1195	387268.93, 3749248.71	3.61	7.001	6.202	1.70E-04	3.31E-04	2.93E-04	2.37E-04	4.59E-04	4.07E-04	8.39E-04	1.63E-03	1.44E-03
1196	387268.93, 3749273.71	3.695	7.195	6.366	1.74E-04	3.40E-04	3.01E-04	2.42E-04	4.72E-04	4.18E-04	8.59E-04	1.67E-03	1.48E-03
1197	387268.93, 3749298.71	3.786	7.365	6.522	1.79E-04	3.48E-04	3.08E-04	2.48E-04	4.83E-04	4.28E-04	8.80E-04	1.71E-03	1.52E-03
1198	387268.93, 3749323.71	3.872	7.545	6.681	1.83E-04	3.56E-04	3.16E-04	2.54E-04	4.95E-04	4.38E-04	9.00E-04	1.75E-03	1.55E-03
1199	387268.93, 3749348.71	3.962	7.707	6.835	1.87E-04	3.64E-04	3.23E-04	2.60E-04	5.06E-04	4.48E-04	9.21E-04	1.79E-03	1.59E-03
1200	387268.93, 3749373.71	4.03	7.879	6.991	1.90E-04	3.72E-04	3.30E-04	2.64E-04	5.17E-04	4.59E-04	9.37E-04	1.83E-03	1.63E-03
1201	387268.93, 3749398.71	4.131	8.054	7.154	1.95E-04	3.80E-04	3.38E-04	2.71E-04	5.28E-04	4.69E-04	9.60E-04	1.87E-03	1.66E-03
1202	387268.93, 3749423.71	4.195	8.217	7.289	1.98E-04	3.88E-04	3.44E-04	2.75E-04	5.39E-04	4.78E-04	9.75E-04	1.91E-03	1.69E-03
1203	387268.93, 3749448.71	4.262	8.408	7.444	2.01E-04	3.97E-04	3.52E-04	2.80E-04	5.52E-04	4.88E-04	9.91E-04	1.95E-03	1.73E-03
1204	387268.93, 3749473.71	4.314	8.578	7.59	2.04E-04	4.05E-04	3.58E-04	2.83E-04	5.63E-04	4.98E-04	1.00E-03	1.99E-03	1.76E-03
1205	387268.93, 3749498.71	4.39	8.76	7.737	2.07E-04	4.14E-04	3.65E-04	2.88E-04	5.75E-04	5.08E-04	1.02E-03	2.04E-03	1.80E-03
1206	387268.93, 3749523.71	4.476	8.942	7.883	2.11E-04	4.22E-04	3.72E-04	2.94E-04	5.87E-04	5.17E-04	1.04E-03	2.08E-03	1.83E-03
1207	387268.93, 3749548.71	4.566	9.124	8.037	2.16E-04	4.31E-04	3.80E-04	3.00E-04	5.99E-04	5.27E-04	1.06E-03	2.12E-03	1.87E-03
1208	387268.93, 3749573.71	4.656	9.299	8.197	2.20E-04	4.39E-04	3.87E-04	3.05E-04	6.10E-04	5.38E-04	1.08E-03	2.16E-03	1.91E-03
1209	387268.93, 3749598.71	4.777	9.466	8.387	2.26E-04	4.47E-04	3.96E-04	3.13E-04	6.21E-04	5.50E-04	1.11E-03	2.20E-03	1.95E-03
1210	387268.93, 3749623.71	4.866	9.637	8.545	2.30E-04	4.55E-04	4.04E-04	3.19E-04	6.32E-04	5.61E-04	1.13E-03	2.24E-03	1.99E-03
1211	387268.93, 3749648.71	4.993	9.832	8.74	2.36E-04	4.64E-04	4.13E-04	3.28E-04	6.45E-04	5.73E-04	1.16E-03	2.29E-03	2.03E-03
1212	387268.93, 3749673.71	5.022	9.993	8.851	2.37E-04	4.72E-04	4.18E-04	3.30E-04	6.56E-04	5.81E-04	1.17E-03	2.32E-03	2.06E-03
1213	387268.93, 3749698.71	5.105	10.18	9.012	2.41E-04	4.81E-04	4.26E-04	3.35E-04	6.68E-04	5.91E-04	1.19E-03	2.37E-03	2.10E-03
1214	387268.93, 3749723.71	5.187	10.37	9.179	2.45E-04	4.90E-04	4.34E-04	3.40E-04	6.80E-04	6.02E-04	1.21E-03	2.41E-03	2.13E-03
1215	387268.93, 3749748.71	5.274	10.57	9.346	2.49E-04	4.99E-04	4.41E-04	3.46E-04	6.93E-04	6.13E-04	1.23E-03	2.46E-03	2.17E-03
1216	387268.93, 3749773.71	5.379	10.78	9.536	2.54E-04	5.09E-04	4.50E-04	3.53E-04	7.07E-04	6.26E-04	1.25E-03	2.51E-03	2.22E-03
1217	387268.93, 3749798.71	5.513	10.99	9.781	2.60E-04	5.19E-04	4.62E-04	3.62E-04	7.21E-04	6.42E-04	1.28E-03	2.56E-03	2.27E-03
1218	387268.93, 3749823.71	5.636	11.22	10	2.66E-04	5.30E-04	4.72E-04	3.70E-04	7.36E-04	6.56E-04	1.31E-03	2.61E-03	2.33E-03
1219	387268.93, 3749848.71	5.726	11.45	10.19	2.70E-04	5.41E-04	4.81E-04	3.76E-04	7.51E-04	6.69E-04	1.33E-03	2.66E-03	2.37E-03
1220	387268.93, 3749873.71	5.851	11.71	10.43	2.76E-04	5.53E-04	4.93E-04	3.84E-04	7.68E-04	6.84E-04	1.36E-03	2.72E-03	2.43E-03
1221	387268.93, 3749898.71	6.002	12	10.71	2.83E-04	5.67E-04	5.06E-04	3.94E-04	7.88E-04	7.03E-04	1.40E-03	2.79E-03	2.49E-03
1222	387268.93, 3749923.71	6.223	12.36	11.04	2.94E-04	5.84E-04	5.21E-04	4.08E-04	8.11E-04	7.24E-04	1.45E-03	2.87E-03	2.57E-03
1223	387268.93, 3749948.71	6.277	12.55	11.24	2.96E-04	5.93E-04	5.31E-04	4.12E-04	8.24E-04	7.38E-04	1.46E-03	2.92E-03	2.61E-03
1224	387268.93, 3749973.71	6.406	12.88	11.47	3.03E-04	6.08E-04	5.42E-04	4.20E-04	8.45E-04	7.53E-04	1.49E-03	2.99E-03	2.67E-03
1225	387268.93, 3749998.71	6.598	13.26	11.84	3.12E-04	6.26E-04	5.59E-04	4.33E-04	8.70E-04	7.77E-04	1.53E-03	3.08E-03	2.75E-03

1226	387268.93, 3750023.71	6.911	13.77	12.32	3.26E-04	6.50E-04	5.82E-04	4.53E-04	9.04E-04	8.08E-04	1.61E-03	3.20E-03	2.86E-03
1227	387268.93, 3750048.71	7.083	14.14	12.66	3.35E-04	6.68E-04	5.98E-04	4.65E-04	9.28E-04	8.31E-04	1.65E-03	3.29E-03	2.94E-03
1228	387268.93, 3750073.71	7.223	14.46	12.95	3.41E-04	6.83E-04	6.11E-04	4.74E-04	9.49E-04	8.50E-04	1.68E-03	3.36E-03	3.01E-03
1229	387268.93, 3750098.71	7.515	14.99	13.39	3.55E-04	7.08E-04	6.32E-04	4.93E-04	9.83E-04	8.78E-04	1.75E-03	3.48E-03	3.11E-03
1230	387268.93, 3750123.71	7.81	15.55	13.87	3.69E-04	7.34E-04	6.55E-04	5.12E-04	1.02E-03	9.10E-04	1.82E-03	3.62E-03	3.23E-03
1231	387268.93, 3750148.71	8.173	16.22	14.48	3.86E-04	7.66E-04	6.84E-04	5.36E-04	1.06E-03	9.50E-04	1.90E-03	3.77E-03	3.37E-03
1232	387268.93, 3750173.71	8.439	16.78	15	3.99E-04	7.92E-04	7.08E-04	5.54E-04	1.10E-03	9.84E-04	1.96E-03	3.90E-03	3.49E-03
1233	387268.93, 3750198.71	8.791	17.41	15.58	4.15E-04	8.22E-04	7.36E-04	5.77E-04	1.14E-03	1.02E-03	2.04E-03	4.05E-03	3.62E-03
1234	387268.93, 3750223.71	9.211	18.27	16.23	4.35E-04	8.63E-04	7.67E-04	6.04E-04	1.20E-03	1.07E-03	2.14E-03	4.25E-03	3.77E-03
1235	387268.93, 3750248.71	9.726	19.22	17.17	4.59E-04	9.08E-04	8.11E-04	6.38E-04	1.26E-03	1.13E-03	2.26E-03	4.47E-03	3.99E-03
1236	387268.93, 3750273.71	10.27	20.22	18.02	4.85E-04	9.55E-04	8.51E-04	6.74E-04	1.33E-03	1.18E-03	2.39E-03	4.70E-03	4.19E-03
1237	387268.93, 3750298.71	10.7	21.19	18.96	5.05E-04	1.00E-03	8.95E-04	7.02E-04	1.39E-03	1.24E-03	2.49E-03	4.93E-03	4.41E-03
1238	387268.93, 3750323.71	11.13	22	19.67	5.26E-04	1.04E-03	9.29E-04	7.30E-04	1.44E-03	1.29E-03	2.59E-03	5.12E-03	4.57E-03
1239	387268.93, 3750348.71	11.58	23.01	20.41	5.47E-04	1.09E-03	9.64E-04	7.60E-04	1.51E-03	1.34E-03	2.69E-03	5.35E-03	4.75E-03
1240	387268.93, 3750373.71	12.39	24.71	22.04	5.85E-04	1.17E-03	1.04E-03	8.13E-04	1.62E-03	1.45E-03	2.88E-03	5.74E-03	5.12E-03
1241	387268.93, 3750398.71	12.78	25.46	22.74	6.03E-04	1.20E-03	1.07E-03	8.38E-04	1.67E-03	1.49E-03	2.97E-03	5.92E-03	5.29E-03
1242	387268.93, 3750423.71	13.79	27.52	24.35	6.51E-04	1.30E-03	1.15E-03	9.05E-04	1.81E-03	1.60E-03	3.21E-03	6.40E-03	5.66E-03
1243	387268.93, 3750448.71	17.65	34.18	30.35	8.33E-04	1.61E-03	1.43E-03	1.16E-03	2.24E-03	1.99E-03	4.10E-03	7.95E-03	7.06E-03
1244	387268.93, 3750473.71	17.83	34.83	30.87	8.42E-04	1.64E-03	1.46E-03	1.17E-03	2.29E-03	2.03E-03	4.15E-03	8.10E-03	7.18E-03
1245	387268.93, 3750498.71	23.66	45.18	40.1	1.12E-03	2.13E-03	1.89E-03	1.55E-03	2.96E-03	2.63E-03	5.50E-03	1.05E-02	9.32E-03
1246	387293.93, 3748973.71	2.66	5.134	4.569	1.26E-04	2.42E-04	2.16E-04	1.75E-04	3.37E-04	3.00E-04	6.18E-04	1.19E-03	1.06E-03
1247	387293.93, 3748998.71	2.843	5.5	4.893	1.34E-04	2.60E-04	2.31E-04	1.87E-04	3.61E-04	3.21E-04	6.61E-04	1.28E-03	1.14E-03
1248	387293.93, 3749023.71	3.018	5.828	5.184	1.43E-04	2.75E-04	2.45E-04	1.98E-04	3.82E-04	3.40E-04	7.02E-04	1.36E-03	1.21E-03
1249	387293.93, 3749048.71	3.167	6.153	5.469	1.50E-04	2.91E-04	2.58E-04	2.08E-04	4.04E-04	3.59E-04	7.36E-04	1.43E-03	1.27E-03
1250	387293.93, 3749073.71	3.315	6.439	5.714	1.57E-04	3.04E-04	2.70E-04	2.18E-04	4.23E-04	3.75E-04	7.71E-04	1.50E-03	1.33E-03
1251	387293.93, 3749098.71	3.457	6.701	5.948	1.63E-04	3.16E-04	2.81E-04	2.27E-04	4.40E-04	3.90E-04	8.04E-04	1.56E-03	1.38E-03
1252	387293.93, 3749123.71	3.6	6.945	6.165	1.70E-04	3.28E-04	2.91E-04	2.36E-04	4.56E-04	4.04E-04	8.37E-04	1.61E-03	1.43E-03
1253	387293.93, 3749148.71	3.728	7.185	6.381	1.76E-04	3.39E-04	3.01E-04	2.45E-04	4.71E-04	4.19E-04	8.67E-04	1.67E-03	1.48E-03
1254	387293.93, 3749173.71	3.856	7.415	6.588	1.82E-04	3.50E-04	3.11E-04	2.53E-04	4.87E-04	4.32E-04	8.96E-04	1.72E-03	1.53E-03
1255	387293.93, 3749198.71	3.968	7.656	6.8	1.87E-04	3.62E-04	3.21E-04	2.60E-04	5.02E-04	4.46E-04	9.23E-04	1.78E-03	1.58E-03
1256	387293.93, 3749223.71	4.086	7.878	7.002	1.93E-04	3.72E-04	3.31E-04	2.68E-04	5.17E-04	4.59E-04	9.50E-04	1.83E-03	1.63E-03
1257	387293.93, 3749248.71	4.178	8.108	7.205	1.97E-04	3.83E-04	3.40E-04	2.74E-04	5.32E-04	4.73E-04	9.71E-04	1.88E-03	1.68E-03
1258	387293.93, 3749273.71	4.311	8.328	7.406	2.04E-04	3.93E-04	3.50E-04	2.83E-04	5.46E-04	4.86E-04	1.00E-03	1.94E-03	1.72E-03
1259	387293.93, 3749298.71	4.424	8.546	7.606	2.09E-04	4.04E-04	3.59E-04	2.90E-04	5.61E-04	4.99E-04	1.03E-03	1.99E-03	1.77E-03
1260	387293.93, 3749323.71	4.532	8.773	7.809	2.14E-04	4.14E-04	3.69E-04	2.97E-04	5.76E-04	5.12E-04	1.05E-03	2.04E-03	1.82E-03
1261	387293.93, 3749348.71	4.648	8.986	8.009	2.19E-04	4.24E-04	3.78E-04	3.05E-04	5.90E-04	5.26E-04	1.08E-03	2.09E-03	1.86E-03
1262	387293.93, 3749373.71	4.756	9.211	8.218	2.25E-04	4.35E-04	3.88E-04	3.12E-04	6.04E-04	5.39E-04	1.11E-03	2.14E-03	1.91E-03
1263	387293.93, 3749398.71	4.873	9.427	8.419	2.30E-04	4.45E-04	3.98E-04	3.20E-04	6.19E-04	5.52E-04	1.13E-03	2.19E-03	1.96E-03
1264	387293.93, 3749423.71	4.977	9.651	8.625	2.35E-04	4.56E-04	4.07E-04	3.27E-04	6.33E-04	5.66E-04	1.16E-03	2.24E-03	2.01E-03
1265	387293.93, 3749448.71	5.043	9.865	8.784	2.38E-04	4.66E-04	4.15E-04	3.31E-04	6.47E-04	5.76E-04	1.17E-03	2.29E-03	2.04E-03
1266	387293.93, 3749473.71	5.129	10.1	8.988	2.42E-04	4.77E-04	4.24E-04	3.37E-04	6.62E-04	5.90E-04	1.19E-03	2.35E-03	2.09E-03

1267	387293.93, 3749498.71	5.203	10.31	9.16	2.46E-04	4.87E-04	4.33E-04	3.41E-04	6.77E-04	6.01E-04	1.21E-03	2.40E-03	2.13E-03
1268	387293.93, 3749523.71	5.356	10.57	9.389	2.53E-04	4.99E-04	4.43E-04	3.51E-04	6.93E-04	6.16E-04	1.25E-03	2.46E-03	2.18E-03
1269	387293.93, 3749548.71	5.45	10.79	9.581	2.57E-04	5.09E-04	4.52E-04	3.58E-04	7.08E-04	6.29E-04	1.27E-03	2.51E-03	2.23E-03
1270	387293.93, 3749573.71	5.584	11.04	9.822	2.64E-04	5.22E-04	4.64E-04	3.66E-04	7.25E-04	6.44E-04	1.30E-03	2.57E-03	2.28E-03
1271	387293.93, 3749598.71	5.747	11.3	10.08	2.71E-04	5.34E-04	4.76E-04	3.77E-04	7.41E-04	6.61E-04	1.34E-03	2.63E-03	2.34E-03
1272	387293.93, 3749623.71	5.864	11.54	10.31	2.77E-04	5.45E-04	4.87E-04	3.85E-04	7.57E-04	6.76E-04	1.36E-03	2.68E-03	2.40E-03
1273	387293.93, 3749648.71	6.062	11.85	10.59	2.86E-04	5.60E-04	5.00E-04	3.98E-04	7.77E-04	6.95E-04	1.41E-03	2.75E-03	2.46E-03
1274	387293.93, 3749673.71	6.086	12.02	10.75	2.87E-04	5.68E-04	5.08E-04	3.99E-04	7.89E-04	7.05E-04	1.41E-03	2.79E-03	2.50E-03
1275	387293.93, 3749698.71	6.217	12.29	10.99	2.94E-04	5.80E-04	5.19E-04	4.08E-04	8.06E-04	7.21E-04	1.45E-03	2.86E-03	2.56E-03
1276	387293.93, 3749723.71	6.28	12.51	11.16	2.97E-04	5.91E-04	5.27E-04	4.12E-04	8.21E-04	7.32E-04	1.46E-03	2.91E-03	2.59E-03
1277	387293.93, 3749748.71	6.447	12.83	11.47	3.04E-04	6.06E-04	5.42E-04	4.23E-04	8.42E-04	7.53E-04	1.50E-03	2.98E-03	2.67E-03
1278	387293.93, 3749773.71	6.615	13.16	11.78	3.12E-04	6.22E-04	5.56E-04	4.34E-04	8.64E-04	7.73E-04	1.54E-03	3.06E-03	2.74E-03
1279	387293.93, 3749798.71	6.825	13.54	12.15	3.22E-04	6.39E-04	5.74E-04	4.48E-04	8.88E-04	7.97E-04	1.59E-03	3.15E-03	2.82E-03
1280	387293.93, 3749823.71	7.044	13.94	12.5	3.33E-04	6.58E-04	5.90E-04	4.62E-04	9.15E-04	8.20E-04	1.64E-03	3.24E-03	2.91E-03
1281	387293.93, 3749848.71	7.17	14.28	12.79	3.39E-04	6.74E-04	6.04E-04	4.70E-04	9.37E-04	8.39E-04	1.67E-03	3.32E-03	2.97E-03
1282	387293.93, 3749873.71	7.343	14.66	13.13	3.47E-04	6.92E-04	6.20E-04	4.82E-04	9.62E-04	8.62E-04	1.71E-03	3.41E-03	3.05E-03
1283	387293.93, 3749898.71	7.636	15.21	13.62	3.61E-04	7.18E-04	6.43E-04	5.01E-04	9.98E-04	8.94E-04	1.78E-03	3.54E-03	3.17E-03
1284	387293.93, 3749923.71	7.982	15.8	14.18	3.77E-04	7.46E-04	6.70E-04	5.24E-04	1.04E-03	9.31E-04	1.86E-03	3.67E-03	3.30E-03
1285	387293.93, 3749948.71	8.091	16.11	14.49	3.82E-04	7.61E-04	6.84E-04	5.31E-04	1.06E-03	9.51E-04	1.88E-03	3.74E-03	3.37E-03
1286	387293.93, 3749973.71	8.278	16.61	14.83	3.91E-04	7.84E-04	7.00E-04	5.43E-04	1.09E-03	9.73E-04	1.92E-03	3.86E-03	3.45E-03
1287	387293.93, 3749998.71	8.679	17.33	15.5	4.10E-04	8.19E-04	7.32E-04	5.69E-04	1.14E-03	1.02E-03	2.02E-03	4.03E-03	3.60E-03
1288	387293.93, 3750023.71	9.312	18.47	16.46	4.40E-04	8.72E-04	7.77E-04	6.11E-04	1.21E-03	1.08E-03	2.16E-03	4.29E-03	3.83E-03
1289	387293.93, 3750048.71	9.731	19.31	17.36	4.60E-04	9.12E-04	8.20E-04	6.39E-04	1.27E-03	1.14E-03	2.26E-03	4.49E-03	4.04E-03
1290	387293.93, 3750073.71	10.18	20.07	17.98	4.81E-04	9.48E-04	8.49E-04	6.68E-04	1.32E-03	1.18E-03	2.37E-03	4.67E-03	4.18E-03
1291	387293.93, 3750098.71	10.47	20.84	18.48	4.95E-04	9.84E-04	8.73E-04	6.87E-04	1.37E-03	1.21E-03	2.44E-03	4.85E-03	4.30E-03
1292	387293.93, 3750123.71	11.05	21.98	19.49	5.22E-04	1.04E-03	9.21E-04	7.25E-04	1.44E-03	1.28E-03	2.57E-03	5.11E-03	4.53E-03
1293	387293.93, 3750148.71	11.74	23.36	20.7	5.55E-04	1.10E-03	9.78E-04	7.71E-04	1.53E-03	1.36E-03	2.73E-03	5.43E-03	4.81E-03
1294	387293.93, 3750173.71	12.57	25.09	22.27	5.93E-04	1.19E-03	1.05E-03	8.24E-04	1.65E-03	1.46E-03	2.92E-03	5.83E-03	5.18E-03
1295	387293.93, 3750198.71	13.11	26.16	23.28	6.19E-04	1.24E-03	1.10E-03	8.60E-04	1.72E-03	1.53E-03	3.05E-03	6.08E-03	5.41E-03
1296	387293.93, 3750223.71	14.18	28.27	24.96	6.69E-04	1.34E-03	1.18E-03	9.30E-04	1.85E-03	1.64E-03	3.30E-03	6.57E-03	5.80E-03
1297	387293.93, 3750248.71	19.74	37.55	33.42	9.32E-04	1.77E-03	1.58E-03	1.30E-03	2.46E-03	2.19E-03	4.59E-03	8.73E-03	7.77E-03
1298	387293.93, 3750273.71	21.02	40.26	35.81	9.93E-04	1.90E-03	1.69E-03	1.38E-03	2.64E-03	2.35E-03	4.89E-03	9.36E-03	8.32E-03
1299	387318.93, 3748973.71	3.095	5.949	5.309	1.46E-04	2.81E-04	2.51E-04	2.03E-04	3.90E-04	3.48E-04	7.19E-04	1.38E-03	1.23E-03
1300	387318.93, 3748998.71	3.33	6.379	5.699	1.57E-04	3.01E-04	2.69E-04	2.18E-04	4.19E-04	3.74E-04	7.74E-04	1.48E-03	1.32E-03
1301	387318.93, 3749023.71	3.54	6.787	6.065	1.67E-04	3.21E-04	2.86E-04	2.32E-04	4.45E-04	3.98E-04	8.23E-04	1.58E-03	1.41E-03
1302	387318.93, 3749048.71	3.732	7.164	6.393	1.76E-04	3.38E-04	3.02E-04	2.45E-04	4.70E-04	4.20E-04	8.68E-04	1.67E-03	1.49E-03
1303	387318.93, 3749073.71	3.914	7.51	6.702	1.85E-04	3.55E-04	3.16E-04	2.57E-04	4.93E-04	4.40E-04	9.10E-04	1.75E-03	1.56E-03
1304	387318.93, 3749098.71	4.089	7.837	6.989	1.93E-04	3.70E-04	3.30E-04	2.68E-04	5.14E-04	4.59E-04	9.51E-04	1.82E-03	1.62E-03
1305	387318.93, 3749123.71	4.262	8.146	7.254	2.01E-04	3.85E-04	3.43E-04	2.80E-04	5.34E-04	4.76E-04	9.91E-04	1.89E-03	1.69E-03
1306	387318.93, 3749148.71	4.423	8.448	7.518	2.09E-04	3.99E-04	3.55E-04	2.90E-04	5.54E-04	4.93E-04	1.03E-03	1.96E-03	1.75E-03
1307	387318.93, 3749173.71	4.573	8.747	7.795	2.16E-04	4.13E-04	3.68E-04	3.00E-04	5.74E-04	5.11E-04	1.06E-03	2.03E-03	1.81E-03

1308	387318.93, 3749198.71	4.719	9.043	8.064	2.23E-04	4.27E-04	3.81E-04	3.10E-04	5.93E-04	5.29E-04	1.10E-03	2.10E-03	1.87E-03
1309	387318.93, 3749223.71	4.872	9.329	8.323	2.30E-04	4.41E-04	3.93E-04	3.20E-04	6.12E-04	5.46E-04	1.13E-03	2.17E-03	1.94E-03
1310	387318.93, 3749248.71	4.994	9.607	8.594	2.36E-04	4.54E-04	4.06E-04	3.28E-04	6.30E-04	5.64E-04	1.16E-03	2.23E-03	2.00E-03
1311	387318.93, 3749273.71	5.171	9.906	8.848	2.44E-04	4.68E-04	4.18E-04	3.39E-04	6.50E-04	5.81E-04	1.20E-03	2.30E-03	2.06E-03
1312	387318.93, 3749298.71	5.303	10.19	9.121	2.50E-04	4.81E-04	4.31E-04	3.48E-04	6.69E-04	5.98E-04	1.23E-03	2.37E-03	2.12E-03
1313	387318.93, 3749323.71	5.426	10.46	9.38	2.56E-04	4.94E-04	4.43E-04	3.56E-04	6.86E-04	6.15E-04	1.26E-03	2.43E-03	2.18E-03
1314	387318.93, 3749348.71	5.619	10.8	9.668	2.65E-04	5.10E-04	4.57E-04	3.69E-04	7.08E-04	6.34E-04	1.31E-03	2.51E-03	2.25E-03
1315	387318.93, 3749373.71	5.751	11.07	9.947	2.72E-04	5.23E-04	4.70E-04	3.77E-04	7.27E-04	6.53E-04	1.34E-03	2.57E-03	2.31E-03
1316	387318.93, 3749398.71	5.875	11.35	10.19	2.77E-04	5.36E-04	4.81E-04	3.86E-04	7.45E-04	6.68E-04	1.37E-03	2.64E-03	2.37E-03
1317	387318.93, 3749423.71	6.09	11.72	10.53	2.88E-04	5.53E-04	4.97E-04	4.00E-04	7.69E-04	6.91E-04	1.42E-03	2.72E-03	2.45E-03
1318	387318.93, 3749448.71	6.191	11.98	10.74	2.92E-04	5.66E-04	5.07E-04	4.06E-04	7.86E-04	7.05E-04	1.44E-03	2.78E-03	2.50E-03
1319	387318.93, 3749473.71	6.294	12.27	11.02	2.97E-04	5.80E-04	5.21E-04	4.13E-04	8.05E-04	7.23E-04	1.46E-03	2.85E-03	2.56E-03
1320	387318.93, 3749498.71	6.391	12.56	11.26	3.02E-04	5.93E-04	5.32E-04	4.19E-04	8.24E-04	7.39E-04	1.49E-03	2.92E-03	2.62E-03
1321	387318.93, 3749523.71	6.621	12.96	11.62	3.13E-04	6.12E-04	5.49E-04	4.34E-04	8.50E-04	7.62E-04	1.54E-03	3.01E-03	2.70E-03
1322	387318.93, 3749548.71	6.726	13.25	11.87	3.18E-04	6.26E-04	5.60E-04	4.41E-04	8.69E-04	7.79E-04	1.56E-03	3.08E-03	2.76E-03
1323	387318.93, 3749573.71	7.021	13.72	12.33	3.32E-04	6.48E-04	5.82E-04	4.61E-04	9.00E-04	8.09E-04	1.63E-03	3.19E-03	2.87E-03
1324	387318.93, 3749598.71	7.221	14.11	12.69	3.41E-04	6.66E-04	5.99E-04	4.74E-04	9.26E-04	8.33E-04	1.68E-03	3.28E-03	2.95E-03
1325	387318.93, 3749623.71	7.413	14.5	13.06	3.50E-04	6.85E-04	6.17E-04	4.86E-04	9.51E-04	8.57E-04	1.72E-03	3.37E-03	3.04E-03
1326	387318.93, 3749648.71	7.75	15.05	13.5	3.66E-04	7.11E-04	6.38E-04	5.09E-04	9.88E-04	8.86E-04	1.80E-03	3.50E-03	3.14E-03
1327	387318.93, 3749673.71	7.787	15.27	13.78	3.68E-04	7.21E-04	6.51E-04	5.11E-04	1.00E-03	9.04E-04	1.81E-03	3.55E-03	3.20E-03
1328	387318.93, 3749698.71	7.944	15.65	14.09	3.75E-04	7.39E-04	6.65E-04	5.21E-04	1.03E-03	9.24E-04	1.85E-03	3.64E-03	3.27E-03
1329	387318.93, 3749723.71	8.097	16.04	14.44	3.82E-04	7.58E-04	6.82E-04	5.31E-04	1.05E-03	9.48E-04	1.88E-03	3.73E-03	3.36E-03
1330	387318.93, 3749748.71	8.426	16.65	14.94	3.98E-04	7.86E-04	7.06E-04	5.53E-04	1.09E-03	9.81E-04	1.96E-03	3.87E-03	3.47E-03
1331	387318.93, 3749773.71	8.722	17.29	15.5	4.12E-04	8.16E-04	7.32E-04	5.72E-04	1.13E-03	1.02E-03	2.03E-03	4.02E-03	3.60E-03
1332	387318.93, 3749798.71	9.106	17.95	16.18	4.30E-04	8.48E-04	7.64E-04	5.98E-04	1.18E-03	1.06E-03	2.12E-03	4.17E-03	3.76E-03
1333	387318.93, 3749823.71	9.392	18.55	16.62	4.44E-04	8.76E-04	7.85E-04	6.16E-04	1.22E-03	1.09E-03	2.18E-03	4.31E-03	3.86E-03
1334	387318.93, 3749848.71	9.915	19.57	17.43	4.68E-04	9.24E-04	8.23E-04	6.51E-04	1.28E-03	1.14E-03	2.31E-03	4.55E-03	4.05E-03
1335	387318.93, 3749873.71	10.35	20.39	18.2	4.89E-04	9.63E-04	8.60E-04	6.79E-04	1.34E-03	1.19E-03	2.41E-03	4.74E-03	4.23E-03
1336	387318.93, 3749898.71	10.9	21.55	19.09	5.15E-04	1.02E-03	9.01E-04	7.15E-04	1.41E-03	1.25E-03	2.53E-03	5.01E-03	4.44E-03
1337	387318.93, 3749923.71	11.48	22.77	20.35	5.42E-04	1.08E-03	9.61E-04	7.53E-04	1.49E-03	1.34E-03	2.67E-03	5.29E-03	4.73E-03
1338	387318.93, 3749948.71	11.75	23.35	20.83	5.55E-04	1.10E-03	9.84E-04	7.71E-04	1.53E-03	1.37E-03	2.73E-03	5.43E-03	4.84E-03
1339	387318.93, 3749973.71	12.31	24.68	21.87	5.81E-04	1.17E-03	1.03E-03	8.08E-04	1.62E-03	1.43E-03	2.86E-03	5.74E-03	5.08E-03
1340	387318.93, 3749998.71	13.28	26.54	23.52	6.27E-04	1.25E-03	1.11E-03	8.71E-04	1.74E-03	1.54E-03	3.09E-03	6.17E-03	5.47E-03
1341	387318.93, 3750023.71	14.42	28.89	25.46	6.81E-04	1.36E-03	1.20E-03	9.46E-04	1.90E-03	1.67E-03	3.35E-03	6.72E-03	5.92E-03
1342	387318.93, 3750048.71	20.4	38.87	34.57	9.63E-04	1.84E-03	1.63E-03	1.34E-03	2.55E-03	2.27E-03	4.74E-03	9.04E-03	8.04E-03
1343	387318.93, 3750073.71	22.83	43.58	38.7	1.08E-03	2.06E-03	1.83E-03	1.50E-03	2.86E-03	2.54E-03	5.31E-03	1.01E-02	9.00E-03
1344	387343.93, 3748973.71	3.712	7.07	6.335	1.75E-04	3.34E-04	2.99E-04	2.44E-04	4.64E-04	4.16E-04	8.63E-04	1.64E-03	1.47E-03
1345	387343.93, 3748998.71	4.018	7.621	6.823	1.90E-04	3.60E-04	3.22E-04	2.64E-04	5.00E-04	4.48E-04	9.34E-04	1.77E-03	1.59E-03
1346	387343.93, 3749023.71	4.291	8.131	7.267	2.03E-04	3.84E-04	3.43E-04	2.82E-04	5.34E-04	4.77E-04	9.98E-04	1.89E-03	1.69E-03
1347	387343.93, 3749048.71	4.523	8.606	7.721	2.14E-04	4.06E-04	3.65E-04	2.97E-04	5.65E-04	5.07E-04	1.05E-03	2.00E-03	1.80E-03
1348	387343.93, 3749073.71	4.745	9.056	8.123	2.24E-04	4.28E-04	3.84E-04	3.11E-04	5.94E-04	5.33E-04	1.10E-03	2.11E-03	1.89E-03

1349	387343.93, 3749098.71	4.993	9.465	8.439	2.36E-04	4.47E-04	3.99E-04	3.28E-04	6.21E-04	5.54E-04	1.16E-03	2.20E-03	1.96E-03
1350	387343.93, 3749123.71	5.2	9.872	8.819	2.46E-04	4.66E-04	4.17E-04	3.41E-04	6.48E-04	5.79E-04	1.21E-03	2.30E-03	2.05E-03
1351	387343.93, 3749148.71	5.411	10.27	9.17	2.56E-04	4.85E-04	4.33E-04	3.55E-04	6.74E-04	6.02E-04	1.26E-03	2.39E-03	2.13E-03
1352	387343.93, 3749173.71	5.612	10.66	9.533	2.65E-04	5.04E-04	4.50E-04	3.68E-04	7.00E-04	6.26E-04	1.30E-03	2.48E-03	2.22E-03
1353	387343.93, 3749198.71	5.808	11.05	9.903	2.74E-04	5.22E-04	4.68E-04	3.81E-04	7.25E-04	6.50E-04	1.35E-03	2.57E-03	2.30E-03
1354	387343.93, 3749223.71	6.021	11.45	10.25	2.84E-04	5.41E-04	4.84E-04	3.95E-04	7.51E-04	6.73E-04	1.40E-03	2.66E-03	2.38E-03
1355	387343.93, 3749248.71	6.197	11.83	10.64	2.93E-04	5.59E-04	5.02E-04	4.07E-04	7.76E-04	6.98E-04	1.44E-03	2.75E-03	2.47E-03
1356	387343.93, 3749273.71	6.433	12.25	11	3.04E-04	5.79E-04	5.19E-04	4.22E-04	8.04E-04	7.22E-04	1.50E-03	2.85E-03	2.56E-03
1357	387343.93, 3749298.71	6.618	12.64	11.39	3.13E-04	5.97E-04	5.38E-04	4.34E-04	8.29E-04	7.47E-04	1.54E-03	2.94E-03	2.65E-03
1358	387343.93, 3749323.71	6.815	13.05	11.77	3.22E-04	6.16E-04	5.56E-04	4.47E-04	8.56E-04	7.72E-04	1.58E-03	3.03E-03	2.74E-03
1359	387343.93, 3749348.71	7.054	13.49	12.16	3.33E-04	6.37E-04	5.74E-04	4.63E-04	8.85E-04	7.98E-04	1.64E-03	3.14E-03	2.83E-03
1360	387343.93, 3749373.71	7.248	13.92	12.57	3.42E-04	6.57E-04	5.94E-04	4.76E-04	9.13E-04	8.25E-04	1.68E-03	3.24E-03	2.92E-03
1361	387343.93, 3749398.71	7.49	14.38	12.99	3.54E-04	6.79E-04	6.13E-04	4.91E-04	9.43E-04	8.52E-04	1.74E-03	3.34E-03	3.02E-03
1362	387343.93, 3749423.71	7.815	14.94	13.48	3.69E-04	7.06E-04	6.37E-04	5.13E-04	9.80E-04	8.85E-04	1.82E-03	3.47E-03	3.13E-03
1363	387343.93, 3749448.71	8.018	15.39	13.85	3.79E-04	7.27E-04	6.54E-04	5.26E-04	1.01E-03	9.09E-04	1.86E-03	3.58E-03	3.22E-03
1364	387343.93, 3749473.71	8.197	15.82	14.29	3.87E-04	7.47E-04	6.75E-04	5.38E-04	1.04E-03	9.38E-04	1.91E-03	3.68E-03	3.32E-03
1365	387343.93, 3749498.71	8.44	16.34	14.74	3.99E-04	7.72E-04	6.96E-04	5.54E-04	1.07E-03	9.67E-04	1.96E-03	3.80E-03	3.43E-03
1366	387343.93, 3749523.71	8.611	16.79	15.13	4.07E-04	7.93E-04	7.15E-04	5.65E-04	1.10E-03	9.93E-04	2.00E-03	3.90E-03	3.52E-03
1367	387343.93, 3749548.71	8.987	17.49	15.79	4.24E-04	8.26E-04	7.46E-04	5.90E-04	1.15E-03	1.04E-03	2.09E-03	4.07E-03	3.67E-03
1368	387343.93, 3749573.71	9.465	18.38	16.51	4.47E-04	8.68E-04	7.80E-04	6.21E-04	1.21E-03	1.08E-03	2.20E-03	4.27E-03	3.84E-03
1369	387343.93, 3749598.71	9.823	19.09	17.24	4.64E-04	9.01E-04	8.14E-04	6.45E-04	1.25E-03	1.13E-03	2.28E-03	4.44E-03	4.01E-03
1370	387343.93, 3749623.71	10.28	19.92	17.91	4.86E-04	9.41E-04	8.46E-04	6.75E-04	1.31E-03	1.18E-03	2.39E-03	4.63E-03	4.16E-03
1371	387343.93, 3749648.71	10.77	20.9	18.8	5.08E-04	9.87E-04	8.88E-04	7.06E-04	1.37E-03	1.23E-03	2.50E-03	4.86E-03	4.37E-03
1372	387343.93, 3749673.71	11.06	21.51	19.4	5.23E-04	1.02E-03	9.16E-04	7.26E-04	1.41E-03	1.27E-03	2.57E-03	5.00E-03	4.51E-03
1373	387343.93, 3749698.71	11.39	22.29	19.85	5.38E-04	1.05E-03	9.38E-04	7.47E-04	1.46E-03	1.30E-03	2.65E-03	5.18E-03	4.62E-03
1374	387343.93, 3749723.71	11.94	23.51	20.96	5.64E-04	1.11E-03	9.90E-04	7.83E-04	1.54E-03	1.38E-03	2.78E-03	5.47E-03	4.87E-03
1375	387343.93, 3749748.71	12.46	24.54	21.84	5.88E-04	1.16E-03	1.03E-03	8.17E-04	1.61E-03	1.43E-03	2.90E-03	5.70E-03	5.08E-03
1376	387343.93, 3749773.71	13.21	26.29	23.34	6.24E-04	1.24E-03	1.10E-03	8.67E-04	1.73E-03	1.53E-03	3.07E-03	6.11E-03	5.43E-03
1377	387343.93, 3749798.71	14.48	28.68	25.72	6.84E-04	1.35E-03	1.21E-03	9.50E-04	1.88E-03	1.69E-03	3.37E-03	6.67E-03	5.98E-03
1378	387343.93, 3749823.71	19.34	36.56	32.69	9.13E-04	1.73E-03	1.54E-03	1.27E-03	2.40E-03	2.15E-03	4.50E-03	8.50E-03	7.60E-03
1379	387343.93, 3749848.71	20.32	38.77	34.4	9.60E-04	1.83E-03	1.62E-03	1.33E-03	2.54E-03	2.26E-03	4.72E-03	9.01E-03	8.00E-03
1380	387343.93, 3749873.71	22.91	44.06	39.03	1.08E-03	2.08E-03	1.84E-03	1.50E-03	2.89E-03	2.56E-03	5.33E-03	1.02E-02	9.08E-03
1381	387368.93, 3748973.71	4.224	9.15	7.86	2.00E-04	4.32E-04	3.71E-04	2.77E-04	6.00E-04	5.16E-04	9.82E-04	2.13E-03	1.83E-03
1382	387368.93, 3748998.71	4.7	9.91	8.642	2.22E-04	4.68E-04	4.08E-04	3.08E-04	6.50E-04	5.67E-04	1.09E-03	2.30E-03	2.01E-03
1383	387368.93, 3749023.71	5.277	10.36	9.213	2.49E-04	4.89E-04	4.35E-04	3.46E-04	6.80E-04	6.04E-04	1.23E-03	2.41E-03	2.14E-03
1384	387368.93, 3749048.71	5.714	10.79	9.726	2.70E-04	5.10E-04	4.59E-04	3.75E-04	7.08E-04	6.38E-04	1.33E-03	2.51E-03	2.26E-03
1385	387368.93, 3749073.71	6.056	11.39	10.19	2.86E-04	5.38E-04	4.81E-04	3.97E-04	7.47E-04	6.68E-04	1.41E-03	2.65E-03	2.37E-03
1386	387368.93, 3749098.71	6.359	11.97	10.7	3.00E-04	5.65E-04	5.05E-04	4.17E-04	7.85E-04	7.02E-04	1.48E-03	2.78E-03	2.49E-03
1387	387368.93, 3749123.71	6.64	12.53	11.23	3.14E-04	5.92E-04	5.31E-04	4.36E-04	8.22E-04	7.37E-04	1.54E-03	2.91E-03	2.61E-03
1388	387368.93, 3749148.71	6.936	13.09	11.75	3.28E-04	6.18E-04	5.55E-04	4.55E-04	8.59E-04	7.71E-04	1.61E-03	3.04E-03	2.73E-03
1389	387368.93, 3749173.71	7.25	13.67	12.26	3.42E-04	6.46E-04	5.79E-04	4.76E-04	8.97E-04	8.04E-04	1.69E-03	3.18E-03	2.85E-03

1390	387368.93, 3749198.71	7.543	14.25	12.81	3.56E-04	6.73E-04	6.05E-04	4.95E-04	9.35E-04	8.41E-04	1.75E-03	3.31E-03	2.98E-03
1391	387368.93, 3749223.71	7.893	14.88	13.33	3.73E-04	7.03E-04	6.30E-04	5.18E-04	9.76E-04	8.75E-04	1.83E-03	3.46E-03	3.10E-03
1392	387368.93, 3749248.71	8.181	15.48	13.95	3.86E-04	7.31E-04	6.59E-04	5.37E-04	1.02E-03	9.16E-04	1.90E-03	3.60E-03	3.24E-03
1393	387368.93, 3749273.71	8.531	16.14	14.55	4.03E-04	7.62E-04	6.87E-04	5.60E-04	1.06E-03	9.54E-04	1.98E-03	3.75E-03	3.38E-03
1394	387368.93, 3749298.71	8.871	16.82	15.19	4.19E-04	7.94E-04	7.18E-04	5.82E-04	1.10E-03	9.97E-04	2.06E-03	3.91E-03	3.53E-03
1395	387368.93, 3749323.71	9.228	17.53	15.85	4.36E-04	8.28E-04	7.49E-04	6.05E-04	1.15E-03	1.04E-03	2.15E-03	4.07E-03	3.68E-03
1396	387368.93, 3749348.71	9.645	18.29	16.51	4.56E-04	8.64E-04	7.80E-04	6.33E-04	1.20E-03	1.08E-03	2.24E-03	4.25E-03	3.84E-03
1397	387368.93, 3749373.71	10.06	19.1	17.24	4.75E-04	9.02E-04	8.14E-04	6.60E-04	1.25E-03	1.13E-03	2.34E-03	4.44E-03	4.01E-03
1398	387368.93, 3749398.71	10.47	19.94	18.01	4.94E-04	9.42E-04	8.51E-04	6.87E-04	1.31E-03	1.18E-03	2.43E-03	4.64E-03	4.19E-03
1399	387368.93, 3749423.71	10.88	20.77	18.74	5.14E-04	9.81E-04	8.85E-04	7.14E-04	1.36E-03	1.23E-03	2.53E-03	4.83E-03	4.36E-03
1400	387368.93, 3749448.71	11.46	21.9	19.66	5.41E-04	1.03E-03	9.29E-04	7.52E-04	1.44E-03	1.29E-03	2.66E-03	5.09E-03	4.57E-03
1401	387368.93, 3749473.71	11.87	22.78	20.56	5.61E-04	1.08E-03	9.71E-04	7.79E-04	1.49E-03	1.35E-03	2.76E-03	5.30E-03	4.78E-03
1402	387368.93, 3749498.71	12.32	23.73	21.24	5.82E-04	1.12E-03	1.00E-03	8.09E-04	1.56E-03	1.39E-03	2.87E-03	5.52E-03	4.94E-03
1403	387368.93, 3749523.71	12.67	24.73	22.16	5.98E-04	1.17E-03	1.05E-03	8.31E-04	1.62E-03	1.45E-03	2.95E-03	5.75E-03	5.15E-03
1404	387368.93, 3749548.71	13.41	26.14	23.47	6.33E-04	1.23E-03	1.11E-03	8.80E-04	1.72E-03	1.54E-03	3.12E-03	6.08E-03	5.46E-03
1405	387368.93, 3749573.71	15.09	29.19	26.02	7.13E-04	1.38E-03	1.23E-03	9.90E-04	1.92E-03	1.71E-03	3.51E-03	6.79E-03	6.05E-03
1406	387368.93, 3749598.71	16.79	32.4	29	7.93E-04	1.53E-03	1.37E-03	1.10E-03	2.13E-03	1.90E-03	3.90E-03	7.53E-03	6.74E-03
1407	387368.93, 3749623.71	16.98	33.07	29.48	8.02E-04	1.56E-03	1.39E-03	1.11E-03	2.17E-03	1.93E-03	3.95E-03	7.69E-03	6.85E-03
1408	387368.93, 3749648.71	19.87	38.85	34.38	9.38E-04	1.83E-03	1.62E-03	1.30E-03	2.55E-03	2.26E-03	4.62E-03	9.03E-03	7.99E-03
1409	387368.93, 3749673.71	22.39	43.24	38.31	1.06E-03	2.04E-03	1.81E-03	1.47E-03	2.84E-03	2.51E-03	5.21E-03	1.01E-02	8.91E-03
1410	387393.93, 3748973.71	5.937	11.74	10.49	2.80E-04	5.55E-04	4.96E-04	3.90E-04	7.70E-04	6.88E-04	1.38E-03	2.73E-03	2.44E-03
1411	387393.93, 3748998.71	6.764	12.6	11.3	3.19E-04	5.95E-04	5.33E-04	4.44E-04	8.27E-04	7.41E-04	1.57E-03	2.93E-03	2.63E-03
1412	387393.93, 3749023.71	7.288	13.57	12.15	3.44E-04	6.41E-04	5.74E-04	4.78E-04	8.90E-04	7.97E-04	1.69E-03	3.15E-03	2.82E-03
1413	387393.93, 3749048.71	7.788	14.5	12.98	3.68E-04	6.85E-04	6.13E-04	5.11E-04	9.51E-04	8.51E-04	1.81E-03	3.37E-03	3.02E-03
1414	387393.93, 3749073.71	8.27	15.41	13.79	3.91E-04	7.28E-04	6.51E-04	5.43E-04	1.01E-03	9.05E-04	1.92E-03	3.58E-03	3.21E-03
1415	387393.93, 3749098.71	8.752	16.32	14.61	4.13E-04	7.71E-04	6.90E-04	5.74E-04	1.07E-03	9.59E-04	2.03E-03	3.79E-03	3.40E-03
1416	387393.93, 3749123.71	9.246	17.25	15.45	4.37E-04	8.14E-04	7.30E-04	6.07E-04	1.13E-03	1.01E-03	2.15E-03	4.01E-03	3.59E-03
1417	387393.93, 3749148.71	9.749	18.21	16.32	4.60E-04	8.60E-04	7.71E-04	6.40E-04	1.19E-03	1.07E-03	2.27E-03	4.23E-03	3.79E-03
1418	387393.93, 3749173.71	10.3	19.24	17.25	4.86E-04	9.08E-04	8.15E-04	6.76E-04	1.26E-03	1.13E-03	2.39E-03	4.47E-03	4.01E-03
1419	387393.93, 3749198.71	10.88	20.33	18.23	5.14E-04	9.60E-04	8.61E-04	7.14E-04	1.33E-03	1.20E-03	2.53E-03	4.73E-03	4.24E-03
1420	387393.93, 3749223.71	11.5	21.51	19.29	5.43E-04	1.02E-03	9.11E-04	7.54E-04	1.41E-03	1.27E-03	2.67E-03	5.00E-03	4.48E-03
1421	387393.93, 3749248.71	12.18	22.81	20.46	5.75E-04	1.08E-03	9.66E-04	7.99E-04	1.50E-03	1.34E-03	2.83E-03	5.30E-03	4.76E-03
1422	387393.93, 3749273.71	12.9	24.21	21.73	6.09E-04	1.14E-03	1.03E-03	8.47E-04	1.59E-03	1.43E-03	3.00E-03	5.63E-03	5.05E-03
1423	387393.93, 3749298.71	13.72	25.79	23.14	6.48E-04	1.22E-03	1.09E-03	9.01E-04	1.69E-03	1.52E-03	3.19E-03	6.00E-03	5.38E-03
1424	387393.93, 3749323.71	14.64	27.58	24.76	6.92E-04	1.30E-03	1.17E-03	9.61E-04	1.81E-03	1.62E-03	3.40E-03	6.41E-03	5.76E-03
1425	387393.93, 3749348.71	15.66	29.57	26.53	7.40E-04	1.40E-03	1.25E-03	1.03E-03	1.94E-03	1.74E-03	3.64E-03	6.87E-03	6.17E-03
1426	387393.93, 3749373.71	16.76	31.81	28.55	7.91E-04	1.50E-03	1.35E-03	1.10E-03	2.09E-03	1.87E-03	3.90E-03	7.40E-03	6.64E-03
1427	387393.93, 3749398.71	18.95	35.73	32.02	8.95E-04	1.69E-03	1.51E-03	1.24E-03	2.34E-03	2.10E-03	4.41E-03	8.31E-03	7.44E-03
1428	387393.93, 3749423.71	20.47	38.92	34.71	9.67E-04	1.84E-03	1.64E-03	1.34E-03	2.55E-03	2.28E-03	4.76E-03	9.05E-03	8.07E-03
1429	387393.93, 3749448.71	23.07	44.04	39.19	1.09E-03	2.08E-03	1.85E-03	1.51E-03	2.89E-03	2.57E-03	5.36E-03	1.02E-02	9.11E-03
1430	387418.93, 3748973.71	9.167	16.93	15.23	4.33E-04	7.99E-04	7.19E-04	6.02E-04	1.11E-03	9.99E-04	2.13E-03	3.94E-03	3.54E-03

1431	387418.93, 3748998.71	10.12	18.7	16.82	4.78E-04	8.83E-04	7.94E-04	6.64E-04	1.23E-03	1.10E-03	2.35E-03	4.35E-03	3.91E-03
1432	387418.93, 3749023.71	11.02	20.39	18.34	5.21E-04	9.63E-04	8.66E-04	7.23E-04	1.34E-03	1.20E-03	2.56E-03	4.74E-03	4.26E-03
1433	387418.93, 3749048.71	11.93	22.09	19.85	5.63E-04	1.04E-03	9.37E-04	7.83E-04	1.45E-03	1.30E-03	2.77E-03	5.14E-03	4.62E-03
1434	387418.93, 3749073.71	12.87	23.86	21.41	6.08E-04	1.13E-03	1.01E-03	8.44E-04	1.57E-03	1.40E-03	2.99E-03	5.55E-03	4.98E-03
1435	387418.93, 3749098.71	13.88	25.78	23.14	6.56E-04	1.22E-03	1.09E-03	9.11E-04	1.69E-03	1.52E-03	3.23E-03	5.99E-03	5.38E-03
1436	387418.93, 3749123.71	15	27.91	25.09	7.08E-04	1.32E-03	1.19E-03	9.84E-04	1.83E-03	1.65E-03	3.49E-03	6.49E-03	5.83E-03
1437	387418.93, 3749148.71	16.21	30.27	27.28	7.66E-04	1.43E-03	1.29E-03	1.06E-03	1.99E-03	1.79E-03	3.77E-03	7.04E-03	6.34E-03
1438	387418.93, 3749173.71	17.75	33.21	29.86	8.38E-04	1.57E-03	1.41E-03	1.16E-03	2.18E-03	1.96E-03	4.13E-03	7.72E-03	6.94E-03
1439	387418.93, 3749198.71	19.34	36.42	32.53	9.13E-04	1.72E-03	1.54E-03	1.27E-03	2.39E-03	2.13E-03	4.50E-03	8.47E-03	7.56E-03
1440	387418.93, 3749223.71	21.54	40.77	36.33	1.02E-03	1.93E-03	1.72E-03	1.41E-03	2.68E-03	2.38E-03	5.01E-03	9.48E-03	8.45E-03
1441	387418.93, 3749248.71	23.85	45.51	40.43	1.13E-03	2.15E-03	1.91E-03	1.56E-03	2.99E-03	2.65E-03	5.54E-03	1.06E-02	9.40E-03
1442	387443.93, 3748973.71	16.84	31.4	28.2	7.95E-04	1.48E-03	1.33E-03	1.11E-03	2.06E-03	1.85E-03	3.92E-03	7.30E-03	6.56E-03
1443	387443.93, 3748998.71	19.12	35.88	32.07	9.03E-04	1.69E-03	1.51E-03	1.25E-03	2.35E-03	2.10E-03	4.45E-03	8.34E-03	7.46E-03
1444	387443.93, 3749023.71	21.61	40.87	36.47	1.02E-03	1.93E-03	1.72E-03	1.42E-03	2.68E-03	2.39E-03	5.02E-03	9.50E-03	8.48E-03
1445	387443.93, 3749048.71	24.48	46.72	41.57	1.16E-03	2.21E-03	1.96E-03	1.61E-03	3.07E-03	2.73E-03	5.69E-03	1.09E-02	9.67E-03
1446	386594.45, 3751402.42	1.013	2.256	1.889	4.78E-05	1.07E-04	8.92E-05	6.65E-05	1.48E-04	1.24E-04	2.35E-04	5.25E-04	4.39E-04
1447	386594.45, 3751452.42	1.001	2.249	1.869	4.73E-05	1.06E-04	8.83E-05	6.57E-05	1.48E-04	1.23E-04	2.33E-04	5.23E-04	4.35E-04
1448	386594.45, 3751502.42	0.989	2.238	1.848	4.67E-05	1.06E-04	8.73E-05	6.49E-05	1.47E-04	1.21E-04	2.30E-04	5.20E-04	4.30E-04
1449	386594.45, 3751552.42	0.974	2.217	1.823	4.60E-05	1.05E-04	8.61E-05	6.39E-05	1.45E-04	1.20E-04	2.27E-04	5.15E-04	4.24E-04
1450	386594.45, 3751602.42	0.953	2.212	1.8	4.50E-05	1.04E-04	8.50E-05	6.26E-05	1.45E-04	1.18E-04	2.22E-04	5.14E-04	4.18E-04
1451	386594.45, 3751652.42	0.93	2.196	1.772	4.39E-05	1.04E-04	8.37E-05	6.11E-05	1.44E-04	1.16E-04	2.16E-04	5.10E-04	4.12E-04
1452	386594.45, 3751702.42	0.907	2.171	1.734	4.28E-05	1.03E-04	8.19E-05	5.95E-05	1.42E-04	1.14E-04	2.11E-04	5.05E-04	4.03E-04
1453	386594.45, 3751752.42	0.881	2.137	1.684	4.16E-05	1.01E-04	7.95E-05	5.78E-05	1.40E-04	1.10E-04	2.05E-04	4.97E-04	3.91E-04
1454	386594.45, 3751802.42	0.848	2.088	1.625	4.00E-05	9.86E-05	7.68E-05	5.56E-05	1.37E-04	1.07E-04	1.97E-04	4.86E-04	3.78E-04
1455	386594.45, 3751852.42	0.81	2.009	1.548	3.83E-05	9.49E-05	7.31E-05	5.32E-05	1.32E-04	1.02E-04	1.88E-04	4.67E-04	3.60E-04
1456	386644.45, 3750852.42	1.128	2.415	2.078	5.33E-05	1.14E-04	9.81E-05	7.40E-05	1.58E-04	1.36E-04	2.62E-04	5.61E-04	4.83E-04
1457	386644.45, 3750902.42	1.16	2.353	2.077	5.48E-05	1.11E-04	9.81E-05	7.61E-05	1.54E-04	1.36E-04	2.70E-04	5.47E-04	4.83E-04
1458	386644.45, 3750952.42	1.169	2.352	2.076	5.52E-05	1.11E-04	9.80E-05	7.67E-05	1.54E-04	1.36E-04	2.72E-04	5.47E-04	4.83E-04
1459	386644.45, 3751002.42	1.132	2.452	2.094	5.35E-05	1.16E-04	9.89E-05	7.43E-05	1.61E-04	1.37E-04	2.63E-04	5.70E-04	4.87E-04
1460	386644.45, 3751052.42	1.194	2.375	2.071	5.64E-05	1.12E-04	9.78E-05	7.84E-05	1.56E-04	1.36E-04	2.78E-04	5.52E-04	4.81E-04
1461	386644.45, 3751102.42	1.198	2.379	2.074	5.66E-05	1.12E-04	9.79E-05	7.86E-05	1.56E-04	1.36E-04	2.78E-04	5.53E-04	4.82E-04
1462	386644.45, 3751152.42	1.183	2.374	2.085	5.59E-05	1.12E-04	9.85E-05	7.76E-05	1.56E-04	1.37E-04	2.75E-04	5.52E-04	4.85E-04
1463	386644.45, 3751202.42	1.145	2.43	2.103	5.41E-05	1.15E-04	9.93E-05	7.51E-05	1.59E-04	1.38E-04	2.66E-04	5.65E-04	4.89E-04
1464	386644.45, 3751252.42	1.123	2.473	2.102	5.30E-05	1.17E-04	9.93E-05	7.37E-05	1.62E-04	1.38E-04	2.61E-04	5.75E-04	4.89E-04
1465	386644.45, 3751302.42	1.127	2.454	2.096	5.32E-05	1.16E-04	9.90E-05	7.39E-05	1.61E-04	1.38E-04	2.62E-04	5.70E-04	4.87E-04
1466	386644.45, 3751352.42	1.117	2.453	2.088	5.28E-05	1.16E-04	9.86E-05	7.33E-05	1.61E-04	1.37E-04	2.60E-04	5.70E-04	4.85E-04
1467	386644.45, 3751402.42	1.112	2.442	2.076	5.25E-05	1.15E-04	9.81E-05	7.29E-05	1.60E-04	1.36E-04	2.58E-04	5.68E-04	4.83E-04
1468	386644.45, 3751452.42	1.096	2.433	2.047	5.18E-05	1.15E-04	9.67E-05	7.19E-05	1.60E-04	1.34E-04	2.55E-04	5.66E-04	4.76E-04
1469	386644.45, 3751502.42	1.088	2.42	2.029	5.14E-05	1.14E-04	9.58E-05	7.14E-05	1.59E-04	1.33E-04	2.53E-04	5.63E-04	4.72E-04
1470	386644.45, 3751552.42	1.072	2.408	2.001	5.06E-05	1.14E-04	9.45E-05	7.03E-05	1.58E-04	1.31E-04	2.49E-04	5.60E-04	4.65E-04
1471	386644.45, 3751602.42	1.052	2.393	1.971	4.97E-05	1.13E-04	9.31E-05	6.90E-05	1.57E-04	1.29E-04	2.45E-04	5.56E-04	4.58E-04

1472	386644.45, 3751652.42	1.03	2.373	1.938	4.86E-05	1.12E-04	9.15E-05	6.76E-05	1.56E-04	1.27E-04	2.39E-04	5.52E-04	4.51E-04
1473	386644.45, 3751702.42	1.001	2.351	1.899	4.73E-05	1.11E-04	8.97E-05	6.57E-05	1.54E-04	1.25E-04	2.33E-04	5.47E-04	4.41E-04
1474	386644.45, 3751752.42	0.971	2.316	1.847	4.58E-05	1.09E-04	8.72E-05	6.37E-05	1.52E-04	1.21E-04	2.26E-04	5.38E-04	4.29E-04
1475	386644.45, 3751802.42	0.933	2.264	1.787	4.40E-05	1.07E-04	8.44E-05	6.12E-05	1.49E-04	1.17E-04	2.17E-04	5.26E-04	4.15E-04
1476	386644.45, 3751852.42	0.893	2.177	1.697	4.22E-05	1.03E-04	8.02E-05	5.86E-05	1.43E-04	1.11E-04	2.08E-04	5.06E-04	3.95E-04
1477	386694.45, 3750252.42	1.134	2.391	2.086	5.35E-05	1.13E-04	9.85E-05	7.44E-05	1.57E-04	1.37E-04	2.64E-04	5.56E-04	4.85E-04
1478	386694.45, 3750302.42	1.144	2.417	2.105	5.40E-05	1.14E-04	9.94E-05	7.51E-05	1.59E-04	1.38E-04	2.66E-04	5.62E-04	4.89E-04
1479	386694.45, 3750352.42	1.154	2.428	2.119	5.45E-05	1.15E-04	1.00E-04	7.57E-05	1.59E-04	1.39E-04	2.68E-04	5.64E-04	4.93E-04
1480	386694.45, 3750402.42	1.166	2.445	2.134	5.50E-05	1.15E-04	1.01E-04	7.65E-05	1.60E-04	1.40E-04	2.71E-04	5.68E-04	4.96E-04
1481	386694.45, 3750452.42	1.174	2.474	2.153	5.54E-05	1.17E-04	1.02E-04	7.70E-05	1.62E-04	1.41E-04	2.73E-04	5.75E-04	5.01E-04
1482	386694.45, 3750502.42	1.185	2.485	2.169	5.59E-05	1.17E-04	1.02E-04	7.77E-05	1.63E-04	1.42E-04	2.75E-04	5.78E-04	5.04E-04
1483	386694.45, 3750552.42	1.197	2.5	2.184	5.65E-05	1.18E-04	1.03E-04	7.85E-05	1.64E-04	1.43E-04	2.78E-04	5.81E-04	5.08E-04
1484	386694.45, 3750602.42	1.202	2.528	2.202	5.68E-05	1.19E-04	1.04E-04	7.89E-05	1.66E-04	1.45E-04	2.79E-04	5.88E-04	5.12E-04
1485	386694.45, 3750652.42	1.211	2.541	2.216	5.72E-05	1.20E-04	1.05E-04	7.95E-05	1.67E-04	1.45E-04	2.82E-04	5.91E-04	5.15E-04
1486	386694.45, 3750702.42	1.216	2.568	2.232	5.74E-05	1.21E-04	1.05E-04	7.98E-05	1.68E-04	1.46E-04	2.83E-04	5.97E-04	5.19E-04
1487	386694.45, 3750752.42	1.223	2.582	2.246	5.78E-05	1.22E-04	1.06E-04	8.03E-05	1.69E-04	1.47E-04	2.84E-04	6.00E-04	5.22E-04
1488	386694.45, 3750802.42	1.23	2.595	2.259	5.81E-05	1.23E-04	1.07E-04	8.07E-05	1.70E-04	1.48E-04	2.86E-04	6.03E-04	5.25E-04
1489	386694.45, 3750852.42	1.232	2.612	2.268	5.82E-05	1.23E-04	1.07E-04	8.09E-05	1.71E-04	1.49E-04	2.86E-04	6.07E-04	5.27E-04
1490	386694.45, 3750902.42	1.267	2.563	2.268	5.98E-05	1.21E-04	1.07E-04	8.31E-05	1.68E-04	1.49E-04	2.94E-04	5.96E-04	5.27E-04
1491	386694.45, 3750952.42	1.264	2.583	2.276	5.97E-05	1.22E-04	1.07E-04	8.29E-05	1.70E-04	1.49E-04	2.94E-04	6.01E-04	5.29E-04
1492	386694.45, 3751002.42	1.218	2.697	2.287	5.75E-05	1.27E-04	1.08E-04	7.99E-05	1.77E-04	1.50E-04	2.83E-04	6.27E-04	5.32E-04
1493	386694.45, 3751052.42	1.213	2.714	2.287	5.73E-05	1.28E-04	1.08E-04	7.96E-05	1.78E-04	1.50E-04	2.82E-04	6.31E-04	5.32E-04
1494	386694.45, 3751102.42	1.225	2.707	2.305	5.79E-05	1.28E-04	1.09E-04	8.04E-05	1.78E-04	1.51E-04	2.85E-04	6.29E-04	5.36E-04
1495	386694.45, 3751152.42	1.234	2.698	2.311	5.83E-05	1.27E-04	1.09E-04	8.10E-05	1.77E-04	1.52E-04	2.87E-04	6.27E-04	5.37E-04
1496	386694.45, 3751202.42	1.231	2.704	2.312	5.81E-05	1.28E-04	1.09E-04	8.08E-05	1.77E-04	1.52E-04	2.86E-04	6.29E-04	5.37E-04
1497	386694.45, 3751252.42	1.23	2.702	2.308	5.81E-05	1.28E-04	1.09E-04	8.07E-05	1.77E-04	1.51E-04	2.86E-04	6.28E-04	5.36E-04
1498	386694.45, 3751302.42	1.244	2.676	2.306	5.87E-05	1.26E-04	1.09E-04	8.16E-05	1.76E-04	1.51E-04	2.89E-04	6.22E-04	5.36E-04
1499	386694.45, 3751352.42	1.241	2.67	2.298	5.86E-05	1.26E-04	1.09E-04	8.15E-05	1.75E-04	1.51E-04	2.89E-04	6.21E-04	5.34E-04
1500	386694.45, 3751402.42	1.235	2.653	2.285	5.83E-05	1.25E-04	1.08E-04	8.11E-05	1.74E-04	1.50E-04	2.87E-04	6.17E-04	5.31E-04
1501	386694.45, 3751452.42	1.226	2.643	2.272	5.79E-05	1.25E-04	1.07E-04	8.04E-05	1.73E-04	1.49E-04	2.85E-04	6.14E-04	5.28E-04
1502	386694.45, 3751502.42	1.211	2.626	2.248	5.72E-05	1.24E-04	1.06E-04	7.95E-05	1.72E-04	1.47E-04	2.82E-04	6.11E-04	5.23E-04
1503	386694.45, 3751552.42	1.195	2.604	2.215	5.65E-05	1.23E-04	1.05E-04	7.84E-05	1.71E-04	1.45E-04	2.78E-04	6.05E-04	5.15E-04
1504	386694.45, 3751602.42	1.175	2.585	2.185	5.55E-05	1.22E-04	1.03E-04	7.71E-05	1.70E-04	1.43E-04	2.73E-04	6.01E-04	5.08E-04
1505	386694.45, 3751652.42	1.146	2.575	2.144	5.41E-05	1.22E-04	1.01E-04	7.52E-05	1.69E-04	1.41E-04	2.66E-04	5.99E-04	4.98E-04
1506	386694.45, 3751702.42	1.116	2.565	2.099	5.27E-05	1.21E-04	9.91E-05	7.32E-05	1.68E-04	1.38E-04	2.59E-04	5.96E-04	4.88E-04
1507	386694.45, 3751752.42	1.081	2.53	2.041	5.10E-05	1.19E-04	9.64E-05	7.09E-05	1.66E-04	1.34E-04	2.51E-04	5.88E-04	4.74E-04
1508	386694.45, 3751802.42	1.041	2.469	1.973	4.91E-05	1.17E-04	9.32E-05	6.83E-05	1.62E-04	1.29E-04	2.42E-04	5.74E-04	4.59E-04
1509	386694.45, 3751852.42	0.99	2.381	1.877	4.67E-05	1.12E-04	8.87E-05	6.49E-05	1.56E-04	1.23E-04	2.30E-04	5.54E-04	4.36E-04
1510	386744.45, 3749702.42	1.095	2.164	1.889	5.17E-05	1.02E-04	8.92E-05	7.19E-05	1.42E-04	1.24E-04	2.55E-04	5.03E-04	4.39E-04
1511	386744.45, 3749752.42	1.087	2.284	1.967	5.13E-05	1.08E-04	9.29E-05	7.13E-05	1.50E-04	1.29E-04	2.53E-04	5.31E-04	4.57E-04
1512	386744.45, 3749802.42	1.108	2.302	1.993	5.23E-05	1.09E-04	9.41E-05	7.27E-05	1.51E-04	1.31E-04	2.58E-04	5.35E-04	4.63E-04

1513	386744.45, 3749852.42	1.121	2.376	2.05	5.30E-05	1.12E-04	9.68E-05	7.36E-05	1.56E-04	1.35E-04	2.61E-04	5.52E-04	4.77E-04
1514	386744.45, 3749902.42	1.141	2.389	2.078	5.39E-05	1.13E-04	9.81E-05	7.49E-05	1.57E-04	1.36E-04	2.65E-04	5.55E-04	4.83E-04
1515	386744.45, 3749952.42	1.157	2.433	2.113	5.46E-05	1.15E-04	9.98E-05	7.59E-05	1.60E-04	1.39E-04	2.69E-04	5.66E-04	4.91E-04
1516	386744.45, 3750002.42	1.171	2.459	2.143	5.53E-05	1.16E-04	1.01E-04	7.69E-05	1.61E-04	1.41E-04	2.72E-04	5.72E-04	4.98E-04
1517	386744.45, 3750052.42	1.182	2.495	2.173	5.58E-05	1.18E-04	1.03E-04	7.75E-05	1.64E-04	1.43E-04	2.75E-04	5.80E-04	5.05E-04
1518	386744.45, 3750102.42	1.199	2.511	2.197	5.66E-05	1.19E-04	1.04E-04	7.87E-05	1.65E-04	1.44E-04	2.79E-04	5.84E-04	5.11E-04
1519	386744.45, 3750152.42	1.209	2.538	2.222	5.71E-05	1.20E-04	1.05E-04	7.93E-05	1.67E-04	1.46E-04	2.81E-04	5.90E-04	5.17E-04
1520	386744.45, 3750202.42	1.224	2.553	2.24	5.78E-05	1.21E-04	1.06E-04	8.03E-05	1.68E-04	1.47E-04	2.85E-04	5.94E-04	5.21E-04
1521	386744.45, 3750252.42	1.234	2.577	2.263	5.83E-05	1.22E-04	1.07E-04	8.09E-05	1.69E-04	1.48E-04	2.87E-04	5.99E-04	5.26E-04
1522	386744.45, 3750302.42	1.246	2.594	2.281	5.88E-05	1.23E-04	1.08E-04	8.17E-05	1.70E-04	1.50E-04	2.90E-04	6.03E-04	5.30E-04
1523	386744.45, 3750352.42	1.257	2.62	2.303	5.93E-05	1.24E-04	1.09E-04	8.24E-05	1.72E-04	1.51E-04	2.92E-04	6.09E-04	5.36E-04
1524	386744.45, 3750402.42	1.269	2.643	2.324	5.99E-05	1.25E-04	1.10E-04	8.33E-05	1.73E-04	1.53E-04	2.95E-04	6.14E-04	5.40E-04
1525	386744.45, 3750452.42	1.284	2.664	2.346	6.06E-05	1.26E-04	1.11E-04	8.42E-05	1.75E-04	1.54E-04	2.98E-04	6.19E-04	5.45E-04
1526	386744.45, 3750502.42	1.298	2.679	2.366	6.13E-05	1.27E-04	1.12E-04	8.52E-05	1.76E-04	1.55E-04	3.02E-04	6.23E-04	5.50E-04
1527	386744.45, 3750552.42	1.306	2.712	2.389	6.17E-05	1.28E-04	1.13E-04	8.57E-05	1.78E-04	1.57E-04	3.04E-04	6.30E-04	5.56E-04
1528	386744.45, 3750602.42	1.313	2.745	2.409	6.20E-05	1.30E-04	1.14E-04	8.61E-05	1.80E-04	1.58E-04	3.05E-04	6.38E-04	5.60E-04
1529	386744.45, 3750652.42	1.33	2.741	2.421	6.28E-05	1.29E-04	1.14E-04	8.72E-05	1.80E-04	1.59E-04	3.09E-04	6.37E-04	5.63E-04
1530	386744.45, 3750702.42	1.331	2.791	2.446	6.28E-05	1.32E-04	1.16E-04	8.73E-05	1.83E-04	1.61E-04	3.09E-04	6.49E-04	5.69E-04
1531	386744.45, 3750752.42	1.343	2.804	2.462	6.34E-05	1.32E-04	1.16E-04	8.81E-05	1.84E-04	1.62E-04	3.12E-04	6.52E-04	5.72E-04
1532	386744.45, 3750802.42	1.35	2.825	2.479	6.38E-05	1.33E-04	1.17E-04	8.86E-05	1.85E-04	1.63E-04	3.14E-04	6.57E-04	5.76E-04
1533	386744.45, 3750852.42	1.354	2.847	2.493	6.39E-05	1.34E-04	1.18E-04	8.88E-05	1.87E-04	1.64E-04	3.15E-04	6.62E-04	5.80E-04
1534	386744.45, 3750902.42	1.365	2.854	2.508	6.45E-05	1.35E-04	1.18E-04	8.96E-05	1.87E-04	1.65E-04	3.17E-04	6.64E-04	5.83E-04
1535	386744.45, 3750952.42	1.362	2.892	2.513	6.43E-05	1.37E-04	1.19E-04	8.93E-05	1.90E-04	1.65E-04	3.17E-04	6.72E-04	5.84E-04
1536	386744.45, 3751002.42	1.379	2.875	2.529	6.51E-05	1.36E-04	1.19E-04	9.05E-05	1.89E-04	1.66E-04	3.21E-04	6.68E-04	5.88E-04
1537	386744.45, 3751052.42	1.381	2.898	2.54	6.52E-05	1.37E-04	1.20E-04	9.06E-05	1.90E-04	1.67E-04	3.21E-04	6.74E-04	5.91E-04
1538	386744.45, 3751102.42	1.387	2.91	2.55	6.55E-05	1.37E-04	1.20E-04	9.10E-05	1.91E-04	1.67E-04	3.23E-04	6.76E-04	5.93E-04
1539	386744.45, 3751152.42	1.364	2.963	2.552	6.44E-05	1.40E-04	1.21E-04	8.95E-05	1.94E-04	1.67E-04	3.17E-04	6.89E-04	5.93E-04
1540	386744.45, 3751202.42	1.353	2.982	2.546	6.39E-05	1.41E-04	1.20E-04	8.87E-05	1.96E-04	1.67E-04	3.14E-04	6.93E-04	5.92E-04
1541	386744.45, 3751252.42	1.377	2.955	2.563	6.50E-05	1.40E-04	1.21E-04	9.03E-05	1.94E-04	1.68E-04	3.20E-04	6.87E-04	5.96E-04
1542	386744.45, 3751302.42	1.385	2.945	2.562	6.54E-05	1.39E-04	1.21E-04	9.09E-05	1.93E-04	1.68E-04	3.22E-04	6.85E-04	5.96E-04
1543	386744.45, 3751352.42	1.369	2.958	2.561	6.47E-05	1.40E-04	1.21E-04	8.98E-05	1.94E-04	1.68E-04	3.18E-04	6.88E-04	5.95E-04
1544	386744.45, 3751402.42	1.373	2.945	2.552	6.49E-05	1.39E-04	1.21E-04	9.01E-05	1.93E-04	1.67E-04	3.19E-04	6.85E-04	5.93E-04
1545	386744.45, 3751452.42	1.372	2.921	2.538	6.48E-05	1.38E-04	1.20E-04	9.00E-05	1.92E-04	1.67E-04	3.19E-04	6.79E-04	5.90E-04
1546	386744.45, 3751502.42	1.36	2.905	2.52	6.42E-05	1.37E-04	1.19E-04	8.93E-05	1.91E-04	1.65E-04	3.16E-04	6.75E-04	5.86E-04
1547	386744.45, 3751552.42	1.345	2.878	2.489	6.35E-05	1.36E-04	1.18E-04	8.83E-05	1.89E-04	1.63E-04	3.13E-04	6.69E-04	5.79E-04
1548	386744.45, 3751602.42	1.318	2.867	2.449	6.22E-05	1.35E-04	1.16E-04	8.65E-05	1.88E-04	1.61E-04	3.06E-04	6.67E-04	5.69E-04
1549	386744.45, 3751652.42	1.289	2.852	2.401	6.09E-05	1.35E-04	1.13E-04	8.46E-05	1.87E-04	1.58E-04	3.00E-04	6.63E-04	5.58E-04
1550	386744.45, 3751702.42	1.249	2.832	2.346	5.90E-05	1.34E-04	1.11E-04	8.20E-05	1.86E-04	1.54E-04	2.90E-04	6.58E-04	5.45E-04
1551	386744.45, 3751752.42	1.212	2.793	2.283	5.72E-05	1.32E-04	1.08E-04	7.95E-05	1.83E-04	1.50E-04	2.82E-04	6.49E-04	5.31E-04
1552	386744.45, 3751802.42	1.164	2.733	2.206	5.50E-05	1.29E-04	1.04E-04	7.64E-05	1.79E-04	1.45E-04	2.71E-04	6.35E-04	5.13E-04
1553	386744.45, 3751852.42	1.105	2.629	2.099	5.22E-05	1.24E-04	9.91E-05	7.25E-05	1.73E-04	1.38E-04	2.57E-04	6.11E-04	4.88E-04

1554	386794.45, 3749152.42	0.837	1.843	1.547	3.95E-05	8.70E-05	7.31E-05	5.49E-05	1.21E-04	1.02E-04	1.95E-04	4.28E-04	3.60E-04
1555	386794.45, 3749202.42	0.876	1.87	1.594	4.14E-05	8.83E-05	7.53E-05	5.75E-05	1.23E-04	1.05E-04	2.04E-04	4.35E-04	3.70E-04
1556	386794.45, 3749252.42	0.912	1.919	1.648	4.31E-05	9.06E-05	7.78E-05	5.98E-05	1.26E-04	1.08E-04	2.12E-04	4.46E-04	3.83E-04
1557	386794.45, 3749302.42	0.949	1.96	1.698	4.48E-05	9.26E-05	8.02E-05	6.22E-05	1.29E-04	1.11E-04	2.21E-04	4.56E-04	3.95E-04
1558	386794.45, 3749352.42	0.973	2.077	1.773	4.59E-05	9.81E-05	8.38E-05	6.38E-05	1.36E-04	1.16E-04	2.26E-04	4.83E-04	4.12E-04
1559	386794.45, 3749402.42	1.005	2.121	1.825	4.74E-05	1.00E-04	8.62E-05	6.59E-05	1.39E-04	1.20E-04	2.34E-04	4.93E-04	4.24E-04
1560	386794.45, 3749452.42	1.033	2.184	1.898	4.88E-05	1.03E-04	8.97E-05	6.78E-05	1.43E-04	1.25E-04	2.40E-04	5.08E-04	4.41E-04
1561	386794.45, 3749502.42	1.061	2.243	1.949	5.01E-05	1.06E-04	9.20E-05	6.96E-05	1.47E-04	1.28E-04	2.47E-04	5.22E-04	4.53E-04
1562	386794.45, 3749552.42	1.09	2.275	1.988	5.15E-05	1.07E-04	9.39E-05	7.15E-05	1.49E-04	1.30E-04	2.53E-04	5.29E-04	4.62E-04
1563	386794.45, 3749602.42	1.149	2.266	1.98	5.43E-05	1.07E-04	9.35E-05	7.54E-05	1.49E-04	1.30E-04	2.67E-04	5.27E-04	4.60E-04
1564	386794.45, 3749652.42	1.138	2.387	2.081	5.37E-05	1.13E-04	9.83E-05	7.47E-05	1.57E-04	1.37E-04	2.65E-04	5.55E-04	4.84E-04
1565	386794.45, 3749702.42	1.164	2.418	2.107	5.50E-05	1.14E-04	9.95E-05	7.64E-05	1.59E-04	1.38E-04	2.71E-04	5.62E-04	4.90E-04
1566	386794.45, 3749752.42	1.181	2.485	2.155	5.58E-05	1.17E-04	1.02E-04	7.75E-05	1.63E-04	1.41E-04	2.74E-04	5.78E-04	5.01E-04
1567	386794.45, 3749802.42	1.207	2.497	2.174	5.70E-05	1.18E-04	1.03E-04	7.92E-05	1.64E-04	1.43E-04	2.81E-04	5.81E-04	5.05E-04
1568	386794.45, 3749852.42	1.221	2.565	2.229	5.77E-05	1.21E-04	1.05E-04	8.01E-05	1.68E-04	1.46E-04	2.84E-04	5.96E-04	5.18E-04
1569	386794.45, 3749902.42	1.243	2.586	2.264	5.87E-05	1.22E-04	1.07E-04	8.16E-05	1.70E-04	1.49E-04	2.89E-04	6.01E-04	5.26E-04
1570	386794.45, 3749952.42	1.256	2.637	2.307	5.93E-05	1.25E-04	1.09E-04	8.24E-05	1.73E-04	1.51E-04	2.92E-04	6.13E-04	5.36E-04
1571	386794.45, 3750002.42	1.276	2.663	2.338	6.03E-05	1.26E-04	1.10E-04	8.37E-05	1.75E-04	1.53E-04	2.97E-04	6.19E-04	5.44E-04
1572	386794.45, 3750052.42	1.291	2.691	2.367	6.10E-05	1.27E-04	1.12E-04	8.47E-05	1.77E-04	1.55E-04	3.00E-04	6.26E-04	5.50E-04
1573	386794.45, 3750102.42	1.309	2.71	2.392	6.18E-05	1.28E-04	1.13E-04	8.59E-05	1.78E-04	1.57E-04	3.04E-04	6.30E-04	5.56E-04
1574	386794.45, 3750152.42	1.32	2.742	2.419	6.24E-05	1.30E-04	1.14E-04	8.66E-05	1.80E-04	1.59E-04	3.07E-04	6.38E-04	5.62E-04
1575	386794.45, 3750202.42	1.338	2.766	2.442	6.32E-05	1.31E-04	1.15E-04	8.78E-05	1.82E-04	1.60E-04	3.11E-04	6.43E-04	5.68E-04
1576	386794.45, 3750252.42	1.348	2.796	2.468	6.36E-05	1.32E-04	1.17E-04	8.84E-05	1.83E-04	1.62E-04	3.13E-04	6.50E-04	5.74E-04
1577	386794.45, 3750302.42	1.362	2.822	2.492	6.43E-05	1.33E-04	1.18E-04	8.94E-05	1.85E-04	1.63E-04	3.17E-04	6.56E-04	5.79E-04
1578	386794.45, 3750352.42	1.379	2.847	2.515	6.51E-05	1.34E-04	1.19E-04	9.05E-05	1.87E-04	1.65E-04	3.20E-04	6.62E-04	5.85E-04
1579	386794.45, 3750402.42	1.394	2.873	2.542	6.58E-05	1.36E-04	1.20E-04	9.15E-05	1.89E-04	1.67E-04	3.24E-04	6.68E-04	5.91E-04
1580	386794.45, 3750452.42	1.407	2.904	2.572	6.65E-05	1.37E-04	1.21E-04	9.23E-05	1.91E-04	1.69E-04	3.27E-04	6.75E-04	5.98E-04
1581	386794.45, 3750502.42	1.427	2.929	2.595	6.74E-05	1.38E-04	1.23E-04	9.36E-05	1.92E-04	1.70E-04	3.32E-04	6.81E-04	6.03E-04
1582	386794.45, 3750552.42	1.434	2.963	2.625	6.77E-05	1.40E-04	1.24E-04	9.41E-05	1.94E-04	1.72E-04	3.33E-04	6.89E-04	6.10E-04
1583	386794.45, 3750602.42	1.446	2.993	2.651	6.83E-05	1.41E-04	1.25E-04	9.49E-05	1.96E-04	1.74E-04	3.36E-04	6.96E-04	6.16E-04
1584	386794.45, 3750652.42	1.464	3.014	2.671	6.92E-05	1.42E-04	1.26E-04	9.61E-05	1.98E-04	1.75E-04	3.40E-04	7.01E-04	6.21E-04
1585	386794.45, 3750702.42	1.471	3.047	2.696	6.95E-05	1.44E-04	1.27E-04	9.65E-05	2.00E-04	1.77E-04	3.42E-04	7.08E-04	6.27E-04
1586	386794.45, 3750752.42	1.483	3.073	2.717	7.00E-05	1.45E-04	1.28E-04	9.73E-05	2.02E-04	1.78E-04	3.45E-04	7.14E-04	6.32E-04
1587	386794.45, 3750802.42	1.495	3.094	2.738	7.06E-05	1.46E-04	1.29E-04	9.81E-05	2.03E-04	1.80E-04	3.48E-04	7.19E-04	6.37E-04
1588	386794.45, 3750852.42	1.502	3.12	2.759	7.09E-05	1.47E-04	1.30E-04	9.85E-05	2.05E-04	1.81E-04	3.49E-04	7.25E-04	6.41E-04
1589	386794.45, 3750902.42	1.514	3.137	2.776	7.15E-05	1.48E-04	1.31E-04	9.93E-05	2.06E-04	1.82E-04	3.52E-04	7.29E-04	6.45E-04
1590	386794.45, 3750952.42	1.518	3.164	2.794	7.17E-05	1.49E-04	1.32E-04	9.96E-05	2.08E-04	1.83E-04	3.53E-04	7.36E-04	6.50E-04
1591	386794.45, 3751002.42	1.527	3.184	2.809	7.21E-05	1.50E-04	1.33E-04	1.00E-04	2.09E-04	1.84E-04	3.55E-04	7.40E-04	6.53E-04
1592	386794.45, 3751052.42	1.54	3.198	2.827	7.27E-05	1.51E-04	1.33E-04	1.01E-04	2.10E-04	1.85E-04	3.58E-04	7.43E-04	6.57E-04
1593	386794.45, 3751102.42	1.55	3.207	2.84	7.32E-05	1.51E-04	1.34E-04	1.02E-04	2.10E-04	1.86E-04	3.60E-04	7.46E-04	6.60E-04
1594	386794.45, 3751152.42	1.555	3.237	2.857	7.35E-05	1.53E-04	1.35E-04	1.02E-04	2.12E-04	1.87E-04	3.62E-04	7.53E-04	6.64E-04

1595	386794.45, 3751202.42	1.56	3.252	2.866	7.37E-05	1.54E-04	1.35E-04	1.02E-04	2.13E-04	1.88E-04	3.63E-04	7.56E-04	6.66E-04
1596	386794.45, 3751252.42	1.559	3.27	2.868	7.36E-05	1.54E-04	1.35E-04	1.02E-04	2.15E-04	1.88E-04	3.62E-04	7.60E-04	6.67E-04
1597	386794.45, 3751302.42	1.553	3.284	2.864	7.33E-05	1.55E-04	1.35E-04	1.02E-04	2.15E-04	1.88E-04	3.61E-04	7.63E-04	6.66E-04
1598	386794.45, 3751352.42	1.558	3.285	2.873	7.36E-05	1.55E-04	1.36E-04	1.02E-04	2.16E-04	1.88E-04	3.62E-04	7.64E-04	6.68E-04
1599	386794.45, 3751402.42	1.558	3.284	2.877	7.36E-05	1.55E-04	1.36E-04	1.02E-04	2.15E-04	1.89E-04	3.62E-04	7.63E-04	6.69E-04
1600	386794.45, 3751452.42	1.552	3.279	2.869	7.33E-05	1.55E-04	1.35E-04	1.02E-04	2.15E-04	1.88E-04	3.61E-04	7.62E-04	6.67E-04
1601	386794.45, 3751502.42	1.539	3.27	2.857	7.27E-05	1.54E-04	1.35E-04	1.01E-04	2.15E-04	1.87E-04	3.58E-04	7.60E-04	6.64E-04
1602	386794.45, 3751552.42	1.523	3.248	2.834	7.19E-05	1.53E-04	1.34E-04	1.00E-04	2.13E-04	1.86E-04	3.54E-04	7.55E-04	6.59E-04
1603	386794.45, 3751602.42	1.5	3.219	2.792	7.08E-05	1.52E-04	1.32E-04	9.84E-05	2.11E-04	1.83E-04	3.49E-04	7.48E-04	6.49E-04
1604	386794.45, 3751652.42	1.472	3.18	2.737	6.95E-05	1.50E-04	1.29E-04	9.66E-05	2.09E-04	1.80E-04	3.42E-04	7.39E-04	6.36E-04
1605	386794.45, 3751702.42	1.44	3.142	2.674	6.80E-05	1.48E-04	1.26E-04	9.45E-05	2.06E-04	1.75E-04	3.35E-04	7.31E-04	6.22E-04
1606	386794.45, 3751752.42	1.386	3.12	2.6	6.54E-05	1.47E-04	1.23E-04	9.09E-05	2.05E-04	1.71E-04	3.22E-04	7.25E-04	6.04E-04
1607	386794.45, 3751802.42	1.322	3.055	2.494	6.24E-05	1.44E-04	1.18E-04	8.68E-05	2.00E-04	1.64E-04	3.07E-04	7.10E-04	5.80E-04
1608	386794.45, 3751852.42	1.258	2.942	2.384	5.94E-05	1.39E-04	1.13E-04	8.25E-05	1.93E-04	1.56E-04	2.92E-04	6.84E-04	5.54E-04
1609	386844.45, 3749002.42	0.777	1.821	1.508	3.67E-05	8.60E-05	7.12E-05	5.10E-05	1.19E-04	9.89E-05	1.81E-04	4.23E-04	3.50E-04
1610	386844.45, 3749052.42	0.823	1.882	1.565	3.88E-05	8.89E-05	7.39E-05	5.40E-05	1.24E-04	1.03E-04	1.91E-04	4.38E-04	3.64E-04
1611	386844.45, 3749102.42	0.87	1.912	1.617	4.11E-05	9.03E-05	7.64E-05	5.71E-05	1.25E-04	1.06E-04	2.02E-04	4.45E-04	3.76E-04
1612	386844.45, 3749152.42	0.913	1.977	1.674	4.31E-05	9.34E-05	7.91E-05	5.99E-05	1.30E-04	1.10E-04	2.12E-04	4.60E-04	3.89E-04
1613	386844.45, 3749202.42	0.961	1.999	1.716	4.54E-05	9.44E-05	8.10E-05	6.30E-05	1.31E-04	1.13E-04	2.23E-04	4.65E-04	3.99E-04
1614	386844.45, 3749252.42	0.995	2.092	1.796	4.70E-05	9.88E-05	8.48E-05	6.53E-05	1.37E-04	1.18E-04	2.31E-04	4.86E-04	4.17E-04
1615	386844.45, 3749302.42	1.028	2.2	1.872	4.85E-05	1.04E-04	8.84E-05	6.74E-05	1.44E-04	1.23E-04	2.39E-04	5.11E-04	4.35E-04
1616	386844.45, 3749352.42	1.063	2.255	1.927	5.02E-05	1.06E-04	9.10E-05	6.98E-05	1.48E-04	1.26E-04	2.47E-04	5.24E-04	4.48E-04
1617	386844.45, 3749402.42	1.101	2.291	1.971	5.20E-05	1.08E-04	9.31E-05	7.22E-05	1.50E-04	1.29E-04	2.56E-04	5.33E-04	4.58E-04
1618	386844.45, 3749452.42	1.129	2.391	2.074	5.33E-05	1.13E-04	9.79E-05	7.41E-05	1.57E-04	1.36E-04	2.62E-04	5.56E-04	4.82E-04
1619	386844.45, 3749502.42	1.198	2.362	2.065	5.66E-05	1.12E-04	9.75E-05	7.86E-05	1.55E-04	1.35E-04	2.78E-04	5.49E-04	4.80E-04
1620	386844.45, 3749552.42	1.195	2.45	2.167	5.65E-05	1.16E-04	1.02E-04	7.84E-05	1.61E-04	1.42E-04	2.78E-04	5.70E-04	5.04E-04
1621	386844.45, 3749602.42	1.22	2.542	2.225	5.76E-05	1.20E-04	1.05E-04	8.00E-05	1.67E-04	1.46E-04	2.84E-04	5.91E-04	5.17E-04
1622	386844.45, 3749652.42	1.244	2.626	2.283	5.87E-05	1.24E-04	1.08E-04	8.16E-05	1.72E-04	1.50E-04	2.89E-04	6.10E-04	5.31E-04
1623	386844.45, 3749702.42	1.272	2.64	2.313	6.01E-05	1.25E-04	1.09E-04	8.34E-05	1.73E-04	1.52E-04	2.96E-04	6.14E-04	5.38E-04
1624	386844.45, 3749752.42	1.293	2.702	2.358	6.10E-05	1.28E-04	1.11E-04	8.48E-05	1.77E-04	1.55E-04	3.01E-04	6.28E-04	5.48E-04
1625	386844.45, 3749802.42	1.322	2.726	2.386	6.24E-05	1.29E-04	1.13E-04	8.68E-05	1.79E-04	1.57E-04	3.07E-04	6.34E-04	5.55E-04
1626	386844.45, 3749852.42	1.338	2.792	2.437	6.32E-05	1.32E-04	1.15E-04	8.78E-05	1.83E-04	1.60E-04	3.11E-04	6.49E-04	5.67E-04
1627	386844.45, 3749902.42	1.365	2.817	2.474	6.45E-05	1.33E-04	1.17E-04	8.96E-05	1.85E-04	1.62E-04	3.17E-04	6.55E-04	5.75E-04
1628	386844.45, 3749952.42	1.384	2.858	2.521	6.53E-05	1.35E-04	1.19E-04	9.08E-05	1.88E-04	1.65E-04	3.22E-04	6.65E-04	5.86E-04
1629	386844.45, 3750002.42	1.403	2.896	2.558	6.63E-05	1.37E-04	1.21E-04	9.21E-05	1.90E-04	1.68E-04	3.26E-04	6.73E-04	5.95E-04
1630	386844.45, 3750052.42	1.421	2.933	2.593	6.71E-05	1.39E-04	1.22E-04	9.32E-05	1.92E-04	1.70E-04	3.30E-04	6.82E-04	6.03E-04
1631	386844.45, 3750102.42	1.437	2.969	2.625	6.79E-05	1.40E-04	1.24E-04	9.43E-05	1.95E-04	1.72E-04	3.34E-04	6.90E-04	6.10E-04
1632	386844.45, 3750152.42	1.454	3.006	2.655	6.86E-05	1.42E-04	1.25E-04	9.54E-05	1.97E-04	1.74E-04	3.38E-04	6.99E-04	6.17E-04
1633	386844.45, 3750202.42	1.469	3.039	2.682	6.94E-05	1.44E-04	1.27E-04	9.64E-05	1.99E-04	1.76E-04	3.41E-04	7.07E-04	6.24E-04
1634	386844.45, 3750252.42	1.481	3.077	2.718	6.99E-05	1.45E-04	1.28E-04	9.72E-05	2.02E-04	1.78E-04	3.44E-04	7.15E-04	6.32E-04
1635	386844.45, 3750302.42	1.495	3.116	2.749	7.06E-05	1.47E-04	1.30E-04	9.81E-05	2.04E-04	1.80E-04	3.48E-04	7.24E-04	6.39E-04

1636	386844.45, 3750352.42	1.513	3.146	2.776	7.15E-05	1.49E-04	1.31E-04	9.93E-05	2.06E-04	1.82E-04	3.52E-04	7.31E-04	6.45E-04
1637	386844.45, 3750402.42	1.534	3.178	2.808	7.25E-05	1.50E-04	1.33E-04	1.01E-04	2.09E-04	1.84E-04	3.57E-04	7.39E-04	6.53E-04
1638	386844.45, 3750452.42	1.551	3.214	2.84	7.33E-05	1.52E-04	1.34E-04	1.02E-04	2.11E-04	1.86E-04	3.61E-04	7.47E-04	6.60E-04
1639	386844.45, 3750502.42	1.568	3.25	2.872	7.41E-05	1.53E-04	1.36E-04	1.03E-04	2.13E-04	1.88E-04	3.65E-04	7.56E-04	6.68E-04
1640	386844.45, 3750552.42	1.588	3.282	2.902	7.50E-05	1.55E-04	1.37E-04	1.04E-04	2.15E-04	1.90E-04	3.69E-04	7.63E-04	6.75E-04
1641	386844.45, 3750602.42	1.606	3.316	2.933	7.58E-05	1.57E-04	1.39E-04	1.05E-04	2.18E-04	1.92E-04	3.73E-04	7.71E-04	6.82E-04
1642	386844.45, 3750652.42	1.621	3.349	2.963	7.65E-05	1.58E-04	1.40E-04	1.06E-04	2.20E-04	1.94E-04	3.77E-04	7.79E-04	6.89E-04
1643	386844.45, 3750702.42	1.638	3.381	2.993	7.74E-05	1.60E-04	1.41E-04	1.07E-04	2.22E-04	1.96E-04	3.81E-04	7.86E-04	6.96E-04
1644	386844.45, 3750752.42	1.654	3.412	3.021	7.81E-05	1.61E-04	1.43E-04	1.09E-04	2.24E-04	1.98E-04	3.85E-04	7.93E-04	7.02E-04
1645	386844.45, 3750802.42	1.671	3.443	3.047	7.89E-05	1.63E-04	1.44E-04	1.10E-04	2.26E-04	2.00E-04	3.89E-04	8.00E-04	7.08E-04
1646	386844.45, 3750852.42	1.685	3.474	3.071	7.96E-05	1.64E-04	1.45E-04	1.11E-04	2.28E-04	2.02E-04	3.92E-04	8.08E-04	7.14E-04
1647	386844.45, 3750902.42	1.701	3.502	3.097	8.03E-05	1.65E-04	1.46E-04	1.12E-04	2.30E-04	2.03E-04	3.95E-04	8.14E-04	7.20E-04
1648	386844.45, 3750952.42	1.711	3.531	3.119	8.08E-05	1.67E-04	1.47E-04	1.12E-04	2.32E-04	2.05E-04	3.98E-04	8.21E-04	7.25E-04
1649	386844.45, 3751002.42	1.725	3.557	3.143	8.14E-05	1.68E-04	1.48E-04	1.13E-04	2.33E-04	2.06E-04	4.01E-04	8.27E-04	7.31E-04
1650	386844.45, 3751052.42	1.731	3.584	3.175	8.17E-05	1.69E-04	1.50E-04	1.14E-04	2.35E-04	2.08E-04	4.02E-04	8.33E-04	7.38E-04
1651	386844.45, 3751102.42	1.744	3.608	3.2	8.24E-05	1.70E-04	1.51E-04	1.14E-04	2.37E-04	2.10E-04	4.05E-04	8.39E-04	7.44E-04
1652	386844.45, 3751152.42	1.753	3.636	3.222	8.28E-05	1.72E-04	1.52E-04	1.15E-04	2.39E-04	2.11E-04	4.07E-04	8.45E-04	7.49E-04
1653	386844.45, 3751202.42	1.749	3.667	3.234	8.26E-05	1.73E-04	1.53E-04	1.15E-04	2.41E-04	2.12E-04	4.07E-04	8.53E-04	7.52E-04
1654	386844.45, 3751252.42	1.765	3.681	3.249	8.34E-05	1.74E-04	1.53E-04	1.16E-04	2.42E-04	2.13E-04	4.10E-04	8.56E-04	7.55E-04
1655	386844.45, 3751302.42	1.781	3.683	3.26	8.41E-05	1.74E-04	1.54E-04	1.17E-04	2.42E-04	2.14E-04	4.14E-04	8.56E-04	7.58E-04
1656	386844.45, 3751352.42	1.783	3.707	3.27	8.42E-05	1.75E-04	1.54E-04	1.17E-04	2.43E-04	2.15E-04	4.14E-04	8.62E-04	7.60E-04
1657	386844.45, 3751402.42	1.794	3.702	3.283	8.47E-05	1.75E-04	1.55E-04	1.18E-04	2.43E-04	2.15E-04	4.17E-04	8.61E-04	7.63E-04
1658	386844.45, 3751452.42	1.786	3.715	3.278	8.44E-05	1.75E-04	1.55E-04	1.17E-04	2.44E-04	2.15E-04	4.15E-04	8.64E-04	7.62E-04
1659	386844.45, 3751502.42	1.789	3.707	3.285	8.45E-05	1.75E-04	1.55E-04	1.17E-04	2.43E-04	2.16E-04	4.16E-04	8.62E-04	7.64E-04
1660	386894.45, 3749002.42	0.846	1.93	1.624	4.00E-05	9.11E-05	7.67E-05	5.55E-05	1.27E-04	1.07E-04	1.97E-04	4.49E-04	3.78E-04
1661	386894.45, 3749052.42	0.898	2.036	1.706	4.24E-05	9.61E-05	8.06E-05	5.89E-05	1.34E-04	1.12E-04	2.09E-04	4.73E-04	3.97E-04
1662	386894.45, 3749102.42	0.952	2.073	1.764	4.50E-05	9.79E-05	8.33E-05	6.25E-05	1.36E-04	1.16E-04	2.21E-04	4.82E-04	4.10E-04
1663	386894.45, 3749152.42	0.998	2.196	1.848	4.71E-05	1.04E-04	8.73E-05	6.55E-05	1.44E-04	1.21E-04	2.32E-04	5.11E-04	4.30E-04
1664	386894.45, 3749202.42	1.046	2.254	1.912	4.94E-05	1.06E-04	9.03E-05	6.86E-05	1.48E-04	1.25E-04	2.43E-04	5.24E-04	4.45E-04
1665	386894.45, 3749252.42	1.087	2.373	2.005	5.13E-05	1.12E-04	9.47E-05	7.13E-05	1.56E-04	1.32E-04	2.53E-04	5.52E-04	4.66E-04
1666	386894.45, 3749302.42	1.129	2.449	2.076	5.33E-05	1.16E-04	9.81E-05	7.41E-05	1.61E-04	1.36E-04	2.62E-04	5.69E-04	4.83E-04
1667	386894.45, 3749352.42	1.17	2.55	2.176	5.52E-05	1.20E-04	1.03E-04	7.68E-05	1.67E-04	1.43E-04	2.72E-04	5.93E-04	5.06E-04
1668	386894.45, 3749402.42	1.209	2.63	2.252	5.71E-05	1.24E-04	1.06E-04	7.93E-05	1.73E-04	1.48E-04	2.81E-04	6.12E-04	5.23E-04
1669	386894.45, 3749452.42	1.264	2.519	2.201	5.97E-05	1.19E-04	1.04E-04	8.29E-05	1.65E-04	1.44E-04	2.94E-04	5.86E-04	5.12E-04
1670	386894.45, 3749502.42	1.278	2.746	2.383	6.04E-05	1.30E-04	1.13E-04	8.39E-05	1.80E-04	1.56E-04	2.97E-04	6.38E-04	5.54E-04
1671	386894.45, 3749552.42	1.315	2.725	2.395	6.21E-05	1.29E-04	1.13E-04	8.63E-05	1.79E-04	1.57E-04	3.06E-04	6.34E-04	5.57E-04
1672	386894.45, 3749602.42	1.343	2.81	2.456	6.34E-05	1.33E-04	1.16E-04	8.81E-05	1.84E-04	1.61E-04	3.12E-04	6.53E-04	5.71E-04
1673	386894.45, 3749652.42	1.37	2.876	2.515	6.47E-05	1.36E-04	1.19E-04	8.99E-05	1.89E-04	1.65E-04	3.19E-04	6.69E-04	5.85E-04
1674	386894.45, 3749702.42	1.407	2.888	2.542	6.65E-05	1.36E-04	1.20E-04	9.23E-05	1.89E-04	1.67E-04	3.27E-04	6.71E-04	5.91E-04
1675	386894.45, 3749752.42	1.436	2.948	2.592	6.78E-05	1.39E-04	1.22E-04	9.42E-05	1.93E-04	1.70E-04	3.34E-04	6.85E-04	6.03E-04
1676	386894.45, 3749802.42	1.46	3.004	2.636	6.90E-05	1.42E-04	1.24E-04	9.58E-05	1.97E-04	1.73E-04	3.39E-04	6.98E-04	6.13E-04

1677	386894.45, 3749852.42	1.484	3.058	2.68	7.01E-05	1.44E-04	1.27E-04	9.74E-05	2.01E-04	1.76E-04	3.45E-04	7.11E-04	6.23E-04
1678	386894.45, 3749902.42	1.506	3.108	2.732	7.11E-05	1.47E-04	1.29E-04	9.88E-05	2.04E-04	1.79E-04	3.50E-04	7.23E-04	6.35E-04
1679	386894.45, 3749952.42	1.528	3.154	2.777	7.22E-05	1.49E-04	1.31E-04	1.00E-04	2.07E-04	1.82E-04	3.55E-04	7.33E-04	6.46E-04
1680	386894.45, 3750002.42	1.548	3.199	2.82	7.31E-05	1.51E-04	1.33E-04	1.02E-04	2.10E-04	1.85E-04	3.60E-04	7.44E-04	6.56E-04
1681	386894.45, 3750052.42	1.569	3.244	2.86	7.41E-05	1.53E-04	1.35E-04	1.03E-04	2.13E-04	1.88E-04	3.65E-04	7.54E-04	6.65E-04
1682	386894.45, 3750102.42	1.591	3.283	2.897	7.51E-05	1.55E-04	1.37E-04	1.04E-04	2.15E-04	1.90E-04	3.70E-04	7.63E-04	6.74E-04
1683	386894.45, 3750152.42	1.612	3.327	2.935	7.61E-05	1.57E-04	1.39E-04	1.06E-04	2.18E-04	1.93E-04	3.75E-04	7.74E-04	6.82E-04
1684	386894.45, 3750202.42	1.63	3.366	2.97	7.70E-05	1.59E-04	1.40E-04	1.07E-04	2.21E-04	1.95E-04	3.79E-04	7.83E-04	6.90E-04
1685	386894.45, 3750252.42	1.658	3.409	3.009	7.83E-05	1.61E-04	1.42E-04	1.09E-04	2.24E-04	1.97E-04	3.85E-04	7.93E-04	7.00E-04
1686	386894.45, 3750302.42	1.676	3.451	3.045	7.91E-05	1.63E-04	1.44E-04	1.10E-04	2.26E-04	2.00E-04	3.90E-04	8.02E-04	7.08E-04
1687	386894.45, 3750352.42	1.701	3.49	3.077	8.03E-05	1.65E-04	1.45E-04	1.12E-04	2.29E-04	2.02E-04	3.95E-04	8.11E-04	7.15E-04
1688	386894.45, 3750402.42	1.723	3.531	3.113	8.14E-05	1.67E-04	1.47E-04	1.13E-04	2.32E-04	2.04E-04	4.01E-04	8.21E-04	7.24E-04
1689	386894.45, 3750452.42	1.743	3.574	3.152	8.23E-05	1.69E-04	1.49E-04	1.14E-04	2.34E-04	2.07E-04	4.05E-04	8.31E-04	7.33E-04
1690	386894.45, 3750502.42	1.759	3.625	3.203	8.31E-05	1.71E-04	1.51E-04	1.15E-04	2.38E-04	2.10E-04	4.09E-04	8.43E-04	7.45E-04
1691	386894.45, 3750552.42	1.788	3.667	3.238	8.44E-05	1.73E-04	1.53E-04	1.17E-04	2.41E-04	2.12E-04	4.16E-04	8.53E-04	7.53E-04
1692	386894.45, 3750602.42	1.801	3.714	3.278	8.50E-05	1.75E-04	1.55E-04	1.18E-04	2.44E-04	2.15E-04	4.19E-04	8.64E-04	7.62E-04
1693	386894.45, 3750652.42	1.829	3.752	3.318	8.64E-05	1.77E-04	1.57E-04	1.20E-04	2.46E-04	2.18E-04	4.25E-04	8.72E-04	7.71E-04
1694	386894.45, 3750702.42	1.846	3.798	3.356	8.72E-05	1.79E-04	1.59E-04	1.21E-04	2.49E-04	2.20E-04	4.29E-04	8.83E-04	7.80E-04
1695	386894.45, 3750752.42	1.864	3.841	3.395	8.80E-05	1.81E-04	1.60E-04	1.22E-04	2.52E-04	2.23E-04	4.33E-04	8.93E-04	7.89E-04
1696	386894.45, 3750802.42	1.883	3.884	3.432	8.89E-05	1.83E-04	1.62E-04	1.24E-04	2.55E-04	2.25E-04	4.38E-04	9.03E-04	7.98E-04
1697	386894.45, 3750852.42	1.901	3.927	3.466	8.98E-05	1.85E-04	1.64E-04	1.25E-04	2.58E-04	2.27E-04	4.42E-04	9.13E-04	8.06E-04
1698	386894.45, 3750902.42	1.918	3.968	3.498	9.06E-05	1.87E-04	1.65E-04	1.26E-04	2.60E-04	2.30E-04	4.46E-04	9.23E-04	8.13E-04
1699	386894.45, 3750952.42	1.942	4.008	3.533	9.17E-05	1.89E-04	1.67E-04	1.27E-04	2.63E-04	2.32E-04	4.51E-04	9.32E-04	8.21E-04
1700	386944.45, 3749002.42	0.932	2.042	1.758	4.40E-05	9.65E-05	8.30E-05	6.12E-05	1.34E-04	1.15E-04	2.17E-04	4.75E-04	4.09E-04
1701	386944.45, 3749052.42	0.988	2.212	1.869	4.66E-05	1.04E-04	8.83E-05	6.48E-05	1.45E-04	1.23E-04	2.30E-04	5.14E-04	4.34E-04
1702	386944.45, 3749102.42	1.051	2.267	1.939	4.96E-05	1.07E-04	9.16E-05	6.90E-05	1.49E-04	1.27E-04	2.44E-04	5.27E-04	4.51E-04
1703	386944.45, 3749152.42	1.107	2.372	2.028	5.23E-05	1.12E-04	9.58E-05	7.26E-05	1.56E-04	1.33E-04	2.57E-04	5.51E-04	4.71E-04
1704	386944.45, 3749202.42	1.166	2.423	2.091	5.51E-05	1.14E-04	9.87E-05	7.65E-05	1.59E-04	1.37E-04	2.71E-04	5.63E-04	4.86E-04
1705	386944.45, 3749252.42	1.218	2.498	2.167	5.75E-05	1.18E-04	1.02E-04	7.99E-05	1.64E-04	1.42E-04	2.83E-04	5.81E-04	5.04E-04
1706	386944.45, 3749302.42	1.262	2.596	2.252	5.96E-05	1.23E-04	1.06E-04	8.28E-05	1.70E-04	1.48E-04	2.93E-04	6.04E-04	5.23E-04
1707	386944.45, 3749352.42	1.351	2.65	2.322	6.38E-05	1.25E-04	1.10E-04	8.86E-05	1.74E-04	1.52E-04	3.14E-04	6.16E-04	5.40E-04
1708	386944.45, 3749402.42	1.356	2.723	2.384	6.40E-05	1.29E-04	1.13E-04	8.90E-05	1.79E-04	1.56E-04	3.15E-04	6.33E-04	5.54E-04
1709	386944.45, 3749452.42	1.388	2.83	2.472	6.56E-05	1.34E-04	1.17E-04	9.11E-05	1.86E-04	1.62E-04	3.23E-04	6.58E-04	5.75E-04
1710	386944.45, 3749502.42	1.423	2.938	2.574	6.72E-05	1.39E-04	1.22E-04	9.34E-05	1.93E-04	1.69E-04	3.31E-04	6.83E-04	5.98E-04
1711	386944.45, 3749552.42	1.461	3.003	2.648	6.90E-05	1.42E-04	1.25E-04	9.58E-05	1.97E-04	1.74E-04	3.40E-04	6.98E-04	6.16E-04
1712	386944.45, 3749602.42	1.5	3.06	2.71	7.08E-05	1.45E-04	1.28E-04	9.84E-05	2.01E-04	1.78E-04	3.49E-04	7.11E-04	6.30E-04
1713	386944.45, 3749652.42	1.534	3.135	2.768	7.24E-05	1.48E-04	1.31E-04	1.01E-04	2.06E-04	1.82E-04	3.57E-04	7.29E-04	6.43E-04
1714	386944.45, 3749702.42	1.566	3.209	2.825	7.39E-05	1.52E-04	1.33E-04	1.03E-04	2.11E-04	1.85E-04	3.64E-04	7.46E-04	6.57E-04
1715	386944.45, 3749752.42	1.598	3.276	2.881	7.55E-05	1.55E-04	1.36E-04	1.05E-04	2.15E-04	1.89E-04	3.71E-04	7.62E-04	6.70E-04
1716	386944.45, 3749802.42	1.628	3.34	2.935	7.69E-05	1.58E-04	1.39E-04	1.07E-04	2.19E-04	1.93E-04	3.79E-04	7.76E-04	6.82E-04
1717	386944.45, 3749852.42	1.653	3.401	2.985	7.80E-05	1.61E-04	1.41E-04	1.08E-04	2.23E-04	1.96E-04	3.84E-04	7.91E-04	6.94E-04

1718	386944.45, 3749902.42	1.677	3.458	3.04	7.92E-05	1.63E-04	1.44E-04	1.10E-04	2.27E-04	1.99E-04	3.90E-04	8.04E-04	7.07E-04
1719	386944.45, 3749952.42	1.707	3.512	3.094	8.06E-05	1.66E-04	1.46E-04	1.12E-04	2.30E-04	2.03E-04	3.97E-04	8.17E-04	7.19E-04
1720	386944.45, 3750002.42	1.73	3.562	3.141	8.17E-05	1.68E-04	1.48E-04	1.13E-04	2.34E-04	2.06E-04	4.02E-04	8.28E-04	7.30E-04
1721	386944.45, 3750052.42	1.755	3.613	3.187	8.29E-05	1.71E-04	1.51E-04	1.15E-04	2.37E-04	2.09E-04	4.08E-04	8.40E-04	7.41E-04
1722	386944.45, 3750102.42	1.782	3.665	3.235	8.42E-05	1.73E-04	1.53E-04	1.17E-04	2.40E-04	2.12E-04	4.14E-04	8.52E-04	7.52E-04
1723	386944.45, 3750152.42	1.808	3.718	3.284	8.54E-05	1.76E-04	1.55E-04	1.19E-04	2.44E-04	2.15E-04	4.20E-04	8.64E-04	7.63E-04
1724	386944.45, 3750202.42	1.83	3.769	3.334	8.64E-05	1.78E-04	1.57E-04	1.20E-04	2.47E-04	2.19E-04	4.26E-04	8.76E-04	7.75E-04
1725	386944.45, 3750252.42	1.867	3.829	3.371	8.82E-05	1.81E-04	1.59E-04	1.23E-04	2.51E-04	2.21E-04	4.34E-04	8.90E-04	7.84E-04
1726	386944.45, 3750302.42	1.887	3.875	3.421	8.91E-05	1.83E-04	1.62E-04	1.24E-04	2.54E-04	2.24E-04	4.39E-04	9.01E-04	7.95E-04
1727	386944.45, 3750352.42	1.924	3.935	3.46	9.09E-05	1.86E-04	1.63E-04	1.26E-04	2.58E-04	2.27E-04	4.47E-04	9.15E-04	8.04E-04
1728	386944.45, 3750402.42	1.944	3.983	3.512	9.18E-05	1.88E-04	1.66E-04	1.28E-04	2.61E-04	2.30E-04	4.52E-04	9.26E-04	8.16E-04
1729	386994.45, 3749002.42	1.025	2.308	1.963	4.84E-05	1.09E-04	9.27E-05	6.73E-05	1.51E-04	1.29E-04	2.38E-04	5.37E-04	4.56E-04
1730	386994.45, 3749052.42	1.101	2.396	2.062	5.20E-05	1.13E-04	9.74E-05	7.23E-05	1.57E-04	1.35E-04	2.56E-04	5.57E-04	4.79E-04
1731	386994.45, 3749102.42	1.181	2.444	2.122	5.58E-05	1.15E-04	1.00E-04	7.75E-05	1.60E-04	1.39E-04	2.75E-04	5.68E-04	4.93E-04
1732	386994.45, 3749152.42	1.254	2.527	2.214	5.92E-05	1.19E-04	1.05E-04	8.23E-05	1.66E-04	1.45E-04	2.92E-04	5.87E-04	5.15E-04
1733	386994.45, 3749202.42	1.315	2.644	2.312	6.21E-05	1.25E-04	1.09E-04	8.63E-05	1.73E-04	1.52E-04	3.06E-04	6.15E-04	5.37E-04
1734	386994.45, 3749252.42	1.365	2.782	2.418	6.45E-05	1.31E-04	1.14E-04	8.95E-05	1.83E-04	1.59E-04	3.17E-04	6.47E-04	5.62E-04
1735	386994.45, 3749302.42	1.438	2.851	2.49	6.79E-05	1.35E-04	1.18E-04	9.44E-05	1.87E-04	1.63E-04	3.34E-04	6.63E-04	5.79E-04
1736	386994.45, 3749352.42	1.481	2.951	2.584	6.99E-05	1.39E-04	1.22E-04	9.72E-05	1.94E-04	1.70E-04	3.44E-04	6.86E-04	6.01E-04
1737	386994.45, 3749402.42	1.52	3.051	2.671	7.18E-05	1.44E-04	1.26E-04	9.97E-05	2.00E-04	1.75E-04	3.53E-04	7.09E-04	6.21E-04
1738	386994.45, 3749452.42	1.557	3.167	2.766	7.35E-05	1.50E-04	1.31E-04	1.02E-04	2.08E-04	1.82E-04	3.62E-04	7.36E-04	6.43E-04
1739	386994.45, 3749502.42	1.597	3.288	2.879	7.54E-05	1.55E-04	1.36E-04	1.05E-04	2.16E-04	1.89E-04	3.71E-04	7.64E-04	6.69E-04
1740	386994.45, 3749552.42	1.639	3.363	2.964	7.74E-05	1.59E-04	1.40E-04	1.08E-04	2.21E-04	1.94E-04	3.81E-04	7.82E-04	6.89E-04
1741	386994.45, 3749602.42	1.685	3.431	3.036	7.96E-05	1.62E-04	1.43E-04	1.11E-04	2.25E-04	1.99E-04	3.92E-04	7.98E-04	7.06E-04
1742	386994.45, 3749652.42	1.727	3.511	3.106	8.16E-05	1.66E-04	1.47E-04	1.13E-04	2.30E-04	2.04E-04	4.02E-04	8.16E-04	7.22E-04
1743	386994.45, 3749702.42	1.761	3.596	3.172	8.32E-05	1.70E-04	1.50E-04	1.16E-04	2.36E-04	2.08E-04	4.10E-04	8.36E-04	7.37E-04
1744	386994.45, 3749752.42	1.797	3.673	3.236	8.49E-05	1.73E-04	1.53E-04	1.18E-04	2.41E-04	2.12E-04	4.18E-04	8.54E-04	7.52E-04
1745	386994.45, 3749802.42	1.833	3.747	3.299	8.66E-05	1.77E-04	1.56E-04	1.20E-04	2.46E-04	2.16E-04	4.26E-04	8.71E-04	7.67E-04
1746	386994.45, 3749852.42	1.856	3.823	3.358	8.77E-05	1.81E-04	1.59E-04	1.22E-04	2.51E-04	2.20E-04	4.32E-04	8.89E-04	7.81E-04
1747	387044.45, 3749002.42	1.141	2.868	2.28	5.39E-05	1.35E-04	1.08E-04	7.49E-05	1.88E-04	1.50E-04	2.65E-04	6.67E-04	5.30E-04
1748	387044.45, 3749052.42	1.239	2.649	2.306	5.85E-05	1.25E-04	1.09E-04	8.13E-05	1.74E-04	1.51E-04	2.88E-04	6.16E-04	5.36E-04
1749	387044.45, 3749102.42	1.343	2.697	2.375	6.34E-05	1.27E-04	1.12E-04	8.81E-05	1.77E-04	1.56E-04	3.12E-04	6.27E-04	5.52E-04
1750	387044.45, 3749152.42	1.417	2.845	2.496	6.69E-05	1.34E-04	1.18E-04	9.30E-05	1.87E-04	1.64E-04	3.30E-04	6.62E-04	5.80E-04
1751	387044.45, 3749202.42	1.478	3.028	2.631	6.98E-05	1.43E-04	1.24E-04	9.70E-05	1.99E-04	1.73E-04	3.44E-04	7.04E-04	6.12E-04
1752	387044.45, 3749252.42	1.543	3.151	2.736	7.29E-05	1.49E-04	1.29E-04	1.01E-04	2.07E-04	1.80E-04	3.59E-04	7.33E-04	6.36E-04
1753	387044.45, 3749302.42	1.608	3.251	2.837	7.59E-05	1.54E-04	1.34E-04	1.05E-04	2.13E-04	1.86E-04	3.74E-04	7.56E-04	6.60E-04
1754	387152.74, 3751734.85	14.17	25.52	22.99	6.69E-04	1.21E-03	1.09E-03	9.30E-04	1.67E-03	1.51E-03	3.29E-03	5.93E-03	5.34E-03
1755	387152.74, 3751759.85	13.84	24.17	21.9	6.53E-04	1.14E-03	1.03E-03	9.08E-04	1.59E-03	1.44E-03	3.22E-03	5.62E-03	5.09E-03
1756	387152.74, 3751784.85	12.86	22.34	20.2	6.07E-04	1.05E-03	9.54E-04	8.44E-04	1.47E-03	1.33E-03	2.99E-03	5.19E-03	4.70E-03
1757	387152.74, 3751809.85	11.98	20.71	18.74	5.66E-04	9.78E-04	8.85E-04	7.86E-04	1.36E-03	1.23E-03	2.79E-03	4.82E-03	4.36E-03
1758	387152.74, 3751834.85	11.39	19.18	17.45	5.38E-04	9.06E-04	8.24E-04	7.48E-04	1.26E-03	1.14E-03	2.65E-03	4.46E-03	4.06E-03

1759	387152.74, 3751859.85	10.29	17.42	15.74	4.86E-04	8.23E-04	7.44E-04	6.75E-04	1.14E-03	1.03E-03	2.39E-03	4.05E-03	3.66E-03
1760	387177.74, 3751534.85	15.33	27.39	24.76	7.24E-04	1.29E-03	1.17E-03	1.01E-03	1.80E-03	1.62E-03	3.56E-03	6.37E-03	5.76E-03
1761	387177.74, 3751559.85	15.13	26.1	23.69	7.14E-04	1.23E-03	1.12E-03	9.92E-04	1.71E-03	1.55E-03	3.52E-03	6.07E-03	5.51E-03
1762	387177.74, 3751584.85	14.12	24.37	22.2	6.67E-04	1.15E-03	1.05E-03	9.27E-04	1.60E-03	1.46E-03	3.28E-03	5.67E-03	5.16E-03
1763	387177.74, 3751609.85	13.24	22.83	20.74	6.25E-04	1.08E-03	9.80E-04	8.69E-04	1.50E-03	1.36E-03	3.08E-03	5.31E-03	4.82E-03
1764	387177.74, 3751634.85	12.73	21.49	19.63	6.01E-04	1.01E-03	9.27E-04	8.35E-04	1.41E-03	1.29E-03	2.96E-03	5.00E-03	4.56E-03
1765	387177.74, 3751659.85	11.78	20.05	18.27	5.56E-04	9.47E-04	8.63E-04	7.73E-04	1.32E-03	1.20E-03	2.74E-03	4.66E-03	4.25E-03
1766	387177.74, 3751684.85	11.15	18.92	17.21	5.27E-04	8.94E-04	8.13E-04	7.32E-04	1.24E-03	1.13E-03	2.59E-03	4.40E-03	4.00E-03
1767	387177.74, 3751709.85	10.67	17.83	16.3	5.04E-04	8.42E-04	7.70E-04	7.00E-04	1.17E-03	1.07E-03	2.48E-03	4.14E-03	3.79E-03
1768	387177.74, 3751734.85	10	16.8	15.31	4.72E-04	7.93E-04	7.23E-04	6.56E-04	1.10E-03	1.00E-03	2.33E-03	3.90E-03	3.56E-03
1769	387177.74, 3751759.85	9.619	15.96	14.56	4.54E-04	7.54E-04	6.88E-04	6.31E-04	1.05E-03	9.55E-04	2.24E-03	3.71E-03	3.39E-03
1770	387177.74, 3751784.85	9.188	15.12	13.76	4.34E-04	7.14E-04	6.50E-04	6.03E-04	9.92E-04	9.03E-04	2.14E-03	3.52E-03	3.20E-03
1771	387177.74, 3751809.85	8.774	14.36	13.05	4.14E-04	6.78E-04	6.16E-04	5.76E-04	9.42E-04	8.56E-04	2.04E-03	3.34E-03	3.03E-03
1772	387177.74, 3751834.85	8.334	13.45	12.25	3.94E-04	6.35E-04	5.78E-04	5.47E-04	8.82E-04	8.04E-04	1.94E-03	3.13E-03	2.85E-03
1773	387177.74, 3751859.85	7.672	12.33	11.21	3.62E-04	5.82E-04	5.30E-04	5.03E-04	8.09E-04	7.36E-04	1.78E-03	2.87E-03	2.61E-03
1774	387202.74, 3751309.85	17.24	30.41	27.5	8.14E-04	1.44E-03	1.30E-03	1.13E-03	2.00E-03	1.80E-03	4.01E-03	7.07E-03	6.39E-03
1775	387202.74, 3751334.85	15.04	26.76	24.23	7.11E-04	1.26E-03	1.14E-03	9.87E-04	1.76E-03	1.59E-03	3.50E-03	6.22E-03	5.63E-03
1776	387202.74, 3751359.85	14.42	25.23	22.93	6.81E-04	1.19E-03	1.08E-03	9.46E-04	1.66E-03	1.50E-03	3.35E-03	5.86E-03	5.33E-03
1777	387202.74, 3751384.85	13.87	23.87	21.74	6.55E-04	1.13E-03	1.03E-03	9.10E-04	1.57E-03	1.43E-03	3.23E-03	5.55E-03	5.06E-03
1778	387202.74, 3751409.85	13	22.52	20.44	6.14E-04	1.06E-03	9.65E-04	8.53E-04	1.48E-03	1.34E-03	3.02E-03	5.24E-03	4.75E-03
1779	387202.74, 3751434.85	12.65	21.48	19.56	5.97E-04	1.01E-03	9.24E-04	8.30E-04	1.41E-03	1.28E-03	2.94E-03	4.99E-03	4.55E-03
1780	387202.74, 3751459.85	11.92	20.27	18.48	5.63E-04	9.57E-04	8.73E-04	7.82E-04	1.33E-03	1.21E-03	2.77E-03	4.71E-03	4.30E-03
1781	387202.74, 3751484.85	11.54	19.55	17.8	5.45E-04	9.23E-04	8.41E-04	7.57E-04	1.28E-03	1.17E-03	2.68E-03	4.55E-03	4.14E-03
1782	387202.74, 3751509.85	11.3	18.8	17.22	5.34E-04	8.88E-04	8.13E-04	7.41E-04	1.23E-03	1.13E-03	2.63E-03	4.37E-03	4.00E-03
1783	387202.74, 3751534.85	10.8	18.06	16.46	5.10E-04	8.53E-04	7.78E-04	7.09E-04	1.19E-03	1.08E-03	2.51E-03	4.20E-03	3.83E-03
1784	387202.74, 3751559.85	10.51	17.4	15.91	4.96E-04	8.22E-04	7.51E-04	6.90E-04	1.14E-03	1.04E-03	2.44E-03	4.04E-03	3.70E-03
1785	387202.74, 3751584.85	10.02	16.52	15.13	4.73E-04	7.80E-04	7.15E-04	6.58E-04	1.08E-03	9.93E-04	2.33E-03	3.84E-03	3.52E-03
1786	387202.74, 3751609.85	9.594	15.83	14.49	4.53E-04	7.48E-04	6.84E-04	6.30E-04	1.04E-03	9.50E-04	2.23E-03	3.68E-03	3.37E-03
1787	387202.74, 3751634.85	9.315	15.21	13.93	4.40E-04	7.18E-04	6.58E-04	6.11E-04	9.98E-04	9.14E-04	2.17E-03	3.54E-03	3.24E-03
1788	387202.74, 3751659.85	8.995	14.67	13.43	4.25E-04	6.93E-04	6.34E-04	5.90E-04	9.62E-04	8.81E-04	2.09E-03	3.41E-03	3.12E-03
1789	387202.74, 3751684.85	8.595	14.05	12.81	4.06E-04	6.63E-04	6.05E-04	5.64E-04	9.22E-04	8.40E-04	2.00E-03	3.27E-03	2.98E-03
1790	387202.74, 3751709.85	8.252	13.41	12.22	3.90E-04	6.33E-04	5.77E-04	5.41E-04	8.80E-04	8.02E-04	1.92E-03	3.12E-03	2.84E-03
1791	387202.74, 3751734.85	7.885	12.81	11.64	3.72E-04	6.05E-04	5.50E-04	5.17E-04	8.41E-04	7.64E-04	1.83E-03	2.98E-03	2.71E-03
1792	387202.74, 3751759.85	7.533	12.21	11.05	3.56E-04	5.77E-04	5.22E-04	4.94E-04	8.01E-04	7.25E-04	1.75E-03	2.84E-03	2.57E-03
1793	387202.74, 3751784.85	7.202	11.61	10.51	3.40E-04	5.48E-04	4.96E-04	4.73E-04	7.62E-04	6.89E-04	1.67E-03	2.70E-03	2.44E-03
1794	387202.74, 3751809.85	6.953	11.09	10.06	3.28E-04	5.24E-04	4.75E-04	4.56E-04	7.28E-04	6.60E-04	1.62E-03	2.58E-03	2.34E-03
1795	387202.74, 3751834.85	6.568	10.39	9.449	3.10E-04	4.91E-04	4.46E-04	4.31E-04	6.82E-04	6.20E-04	1.53E-03	2.42E-03	2.20E-03
1796	387202.74, 3751859.85	6.129	9.613	8.76	2.89E-04	4.54E-04	4.14E-04	4.02E-04	6.31E-04	5.75E-04	1.42E-03	2.23E-03	2.04E-03
1797	387227.74, 3751109.85	16.57	29.01	26.35	7.82E-04	1.37E-03	1.24E-03	1.09E-03	1.90E-03	1.73E-03	3.85E-03	6.75E-03	6.13E-03
1798	387227.74, 3751134.85	15.15	26.67	24.2	7.15E-04	1.26E-03	1.14E-03	9.94E-04	1.75E-03	1.59E-03	3.52E-03	6.20E-03	5.63E-03
1799	387227.74, 3751159.85	14.68	25.62	23.22	6.93E-04	1.21E-03	1.10E-03	9.63E-04	1.68E-03	1.52E-03	3.41E-03	5.96E-03	5.40E-03

1800	387227.74, 3751184.85	14.29	24.4	22.22	6.75E-04	1.15E-03	1.05E-03	9.38E-04	1.60E-03	1.46E-03	3.32E-03	5.67E-03	5.17E-03
1801	387227.74, 3751209.85	13.42	23	20.92	6.34E-04	1.09E-03	9.88E-04	8.80E-04	1.51E-03	1.37E-03	3.12E-03	5.35E-03	4.86E-03
1802	387227.74, 3751234.85	13.03	21.96	20.04	6.15E-04	1.04E-03	9.47E-04	8.55E-04	1.44E-03	1.32E-03	3.03E-03	5.10E-03	4.66E-03
1803	387227.74, 3751259.85	12.33	20.79	18.99	5.82E-04	9.82E-04	8.97E-04	8.09E-04	1.36E-03	1.25E-03	2.87E-03	4.83E-03	4.41E-03
1804	387227.74, 3751284.85	11.94	20.09	18.3	5.64E-04	9.49E-04	8.64E-04	7.84E-04	1.32E-03	1.20E-03	2.78E-03	4.67E-03	4.26E-03
1805	387227.74, 3751309.85	11.54	19.19	17.56	5.45E-04	9.06E-04	8.29E-04	7.57E-04	1.26E-03	1.15E-03	2.68E-03	4.46E-03	4.08E-03
1806	387227.74, 3751334.85	10.9	18.19	16.64	5.15E-04	8.59E-04	7.86E-04	7.15E-04	1.19E-03	1.09E-03	2.53E-03	4.23E-03	3.87E-03
1807	387227.74, 3751359.85	10.37	17.32	15.83	4.90E-04	8.18E-04	7.47E-04	6.80E-04	1.14E-03	1.04E-03	2.41E-03	4.03E-03	3.68E-03
1808	387227.74, 3751384.85	9.914	16.49	15.08	4.68E-04	7.79E-04	7.12E-04	6.51E-04	1.08E-03	9.90E-04	2.31E-03	3.83E-03	3.51E-03
1809	387227.74, 3751409.85	9.646	16.01	14.63	4.56E-04	7.56E-04	6.91E-04	6.33E-04	1.05E-03	9.60E-04	2.24E-03	3.72E-03	3.40E-03
1810	387227.74, 3751434.85	9.365	15.44	14.12	4.42E-04	7.29E-04	6.67E-04	6.14E-04	1.01E-03	9.27E-04	2.18E-03	3.59E-03	3.28E-03
1811	387227.74, 3751459.85	9.018	14.86	13.58	4.26E-04	7.02E-04	6.42E-04	5.92E-04	9.75E-04	8.91E-04	2.10E-03	3.45E-03	3.16E-03
1812	387227.74, 3751484.85	8.817	14.48	13.22	4.16E-04	6.84E-04	6.24E-04	5.79E-04	9.50E-04	8.67E-04	2.05E-03	3.37E-03	3.07E-03
1813	387227.74, 3751509.85	8.63	14.05	12.87	4.08E-04	6.64E-04	6.08E-04	5.66E-04	9.22E-04	8.45E-04	2.01E-03	3.27E-03	2.99E-03
1814	387227.74, 3751534.85	8.413	13.66	12.5	3.97E-04	6.45E-04	5.90E-04	5.52E-04	8.96E-04	8.20E-04	1.96E-03	3.17E-03	2.91E-03
1815	387227.74, 3751559.85	8.182	13.22	12.12	3.86E-04	6.24E-04	5.72E-04	5.37E-04	8.67E-04	7.95E-04	1.90E-03	3.07E-03	2.82E-03
1816	387227.74, 3751584.85	7.941	12.79	11.72	3.75E-04	6.04E-04	5.53E-04	5.21E-04	8.39E-04	7.69E-04	1.85E-03	2.97E-03	2.72E-03
1817	387227.74, 3751609.85	7.668	12.38	11.3	3.62E-04	5.85E-04	5.34E-04	5.03E-04	8.12E-04	7.42E-04	1.78E-03	2.88E-03	2.63E-03
1818	387227.74, 3751634.85	7.415	11.95	10.89	3.50E-04	5.64E-04	5.14E-04	4.87E-04	7.84E-04	7.14E-04	1.72E-03	2.78E-03	2.53E-03
1819	387227.74, 3751659.85	7.215	11.59	10.56	3.41E-04	5.47E-04	4.99E-04	4.73E-04	7.60E-04	6.93E-04	1.68E-03	2.69E-03	2.46E-03
1820	387227.74, 3751684.85	6.964	11.19	10.17	3.29E-04	5.28E-04	4.80E-04	4.57E-04	7.34E-04	6.67E-04	1.62E-03	2.60E-03	2.36E-03
1821	387227.74, 3751709.85	6.718	10.76	9.772	3.17E-04	5.08E-04	4.62E-04	4.41E-04	7.06E-04	6.41E-04	1.56E-03	2.50E-03	2.27E-03
1822	387227.74, 3751734.85	6.495	10.37	9.425	3.07E-04	4.90E-04	4.45E-04	4.26E-04	6.80E-04	6.18E-04	1.51E-03	2.41E-03	2.19E-03
1823	387227.74, 3751759.85	6.243	9.933	9.024	2.95E-04	4.69E-04	4.26E-04	4.10E-04	6.52E-04	5.92E-04	1.45E-03	2.31E-03	2.10E-03
1824	387227.74, 3751784.85	5.971	9.464	8.593	2.82E-04	4.47E-04	4.06E-04	3.92E-04	6.21E-04	5.64E-04	1.39E-03	2.20E-03	2.00E-03
1825	387227.74, 3751809.85	5.718	9.006	8.182	2.70E-04	4.25E-04	3.86E-04	3.75E-04	5.91E-04	5.37E-04	1.33E-03	2.09E-03	1.90E-03
1826	387227.74, 3751834.85	5.425	8.479	7.705	2.56E-04	4.00E-04	3.64E-04	3.56E-04	5.56E-04	5.06E-04	1.26E-03	1.97E-03	1.79E-03
1827	387227.74, 3751859.85	5.09	7.893	7.189	2.40E-04	3.73E-04	3.40E-04	3.34E-04	5.18E-04	4.72E-04	1.18E-03	1.84E-03	1.67E-03
1828	387252.74, 3750884.85	17.84	32.1	28.94	8.42E-04	1.52E-03	1.37E-03	1.17E-03	2.11E-03	1.90E-03	4.15E-03	7.46E-03	6.73E-03
1829	387252.74, 3750909.85	17.78	31.13	28.05	8.40E-04	1.47E-03	1.32E-03	1.17E-03	2.04E-03	1.84E-03	4.13E-03	7.24E-03	6.52E-03
1830	387252.74, 3750934.85	15.73	27.31	24.86	7.43E-04	1.29E-03	1.17E-03	1.03E-03	1.79E-03	1.63E-03	3.66E-03	6.35E-03	5.78E-03
1831	387252.74, 3750959.85	14.76	25.49	23.18	6.97E-04	1.20E-03	1.09E-03	9.69E-04	1.67E-03	1.52E-03	3.43E-03	5.93E-03	5.39E-03
1832	387252.74, 3750984.85	14.27	24.21	22.11	6.74E-04	1.14E-03	1.04E-03	9.36E-04	1.59E-03	1.45E-03	3.32E-03	5.63E-03	5.14E-03
1833	387252.74, 3751009.85	13.53	23.08	20.99	6.39E-04	1.09E-03	9.92E-04	8.88E-04	1.51E-03	1.38E-03	3.15E-03	5.37E-03	4.88E-03
1834	387252.74, 3751034.85	13.16	22.25	20.26	6.22E-04	1.05E-03	9.57E-04	8.64E-04	1.46E-03	1.33E-03	3.06E-03	5.17E-03	4.71E-03
1835	387252.74, 3751059.85	12.58	21.05	19.26	5.94E-04	9.94E-04	9.10E-04	8.25E-04	1.38E-03	1.26E-03	2.92E-03	4.89E-03	4.48E-03
1836	387252.74, 3751084.85	11.91	19.98	18.26	5.63E-04	9.44E-04	8.62E-04	7.82E-04	1.31E-03	1.20E-03	2.77E-03	4.65E-03	4.24E-03
1837	387252.74, 3751109.85	11.47	19.03	17.45	5.42E-04	8.99E-04	8.24E-04	7.53E-04	1.25E-03	1.14E-03	2.67E-03	4.42E-03	4.06E-03
1838	387252.74, 3751134.85	10.84	18.07	16.54	5.12E-04	8.53E-04	7.81E-04	7.12E-04	1.19E-03	1.09E-03	2.52E-03	4.20E-03	3.85E-03
1839	387252.74, 3751159.85	10.48	17.44	15.95	4.95E-04	8.24E-04	7.53E-04	6.87E-04	1.14E-03	1.05E-03	2.44E-03	4.05E-03	3.71E-03
1840	387252.74, 3751184.85	10.25	16.86	15.47	4.84E-04	7.96E-04	7.31E-04	6.72E-04	1.11E-03	1.02E-03	2.38E-03	3.92E-03	3.60E-03

1841	387252.74, 3751209.85	9.922	16.32	14.96	4.69E-04	7.71E-04	7.06E-04	6.51E-04	1.07E-03	9.81E-04	2.31E-03	3.79E-03	3.48E-03
1842	387252.74, 3751234.85	9.668	15.8	14.51	4.57E-04	7.46E-04	6.85E-04	6.34E-04	1.04E-03	9.52E-04	2.25E-03	3.67E-03	3.37E-03
1843	387252.74, 3751259.85	9.333	15.25	13.99	4.41E-04	7.20E-04	6.61E-04	6.12E-04	1.00E-03	9.18E-04	2.17E-03	3.55E-03	3.25E-03
1844	387252.74, 3751284.85	9.108	14.84	13.62	4.30E-04	7.01E-04	6.43E-04	5.98E-04	9.74E-04	8.94E-04	2.12E-03	3.45E-03	3.17E-03
1845	387252.74, 3751309.85	8.812	14.33	13.15	4.16E-04	6.77E-04	6.21E-04	5.78E-04	9.40E-04	8.63E-04	2.05E-03	3.33E-03	3.06E-03
1846	387252.74, 3751334.85	8.489	13.86	12.67	4.01E-04	6.54E-04	5.98E-04	5.57E-04	9.09E-04	8.31E-04	1.97E-03	3.22E-03	2.95E-03
1847	387252.74, 3751359.85	8.235	13.46	12.29	3.89E-04	6.36E-04	5.80E-04	5.40E-04	8.83E-04	8.06E-04	1.91E-03	3.13E-03	2.86E-03
1848	387252.74, 3751384.85	7.93	12.98	11.82	3.75E-04	6.13E-04	5.58E-04	5.20E-04	8.52E-04	7.76E-04	1.84E-03	3.02E-03	2.75E-03
1849	387252.74, 3751409.85	7.785	12.68	11.57	3.68E-04	5.99E-04	5.46E-04	5.11E-04	8.32E-04	7.59E-04	1.81E-03	2.95E-03	2.69E-03
1850	387252.74, 3751434.85	7.494	12.24	11.13	3.54E-04	5.78E-04	5.26E-04	4.92E-04	8.03E-04	7.30E-04	1.74E-03	2.85E-03	2.59E-03
1851	387252.74, 3751459.85	7.359	11.95	10.9	3.48E-04	5.64E-04	5.15E-04	4.83E-04	7.84E-04	7.15E-04	1.71E-03	2.78E-03	2.53E-03
1852	387252.74, 3751484.85	7.211	11.68	10.64	3.41E-04	5.51E-04	5.03E-04	4.73E-04	7.66E-04	6.98E-04	1.68E-03	2.71E-03	2.47E-03
1853	387252.74, 3751509.85	7.036	11.36	10.35	3.32E-04	5.37E-04	4.89E-04	4.62E-04	7.46E-04	6.79E-04	1.64E-03	2.64E-03	2.41E-03
1854	387252.74, 3751534.85	6.885	11.08	10.09	3.25E-04	5.23E-04	4.77E-04	4.52E-04	7.27E-04	6.62E-04	1.60E-03	2.58E-03	2.35E-03
1855	387252.74, 3751559.85	6.706	10.76	9.809	3.17E-04	5.08E-04	4.63E-04	4.40E-04	7.06E-04	6.44E-04	1.56E-03	2.50E-03	2.28E-03
1856	387252.74, 3751584.85	6.533	10.47	9.531	3.09E-04	4.94E-04	4.50E-04	4.29E-04	6.87E-04	6.25E-04	1.52E-03	2.43E-03	2.22E-03
1857	387252.74, 3751609.85	6.365	10.19	9.262	3.01E-04	4.81E-04	4.37E-04	4.18E-04	6.69E-04	6.08E-04	1.48E-03	2.37E-03	2.15E-03
1858	387252.74, 3751634.85	6.195	9.9	8.989	2.93E-04	4.68E-04	4.25E-04	4.07E-04	6.50E-04	5.90E-04	1.44E-03	2.30E-03	2.09E-03
1859	387252.74, 3751659.85	6.007	9.595	8.712	2.84E-04	4.53E-04	4.11E-04	3.94E-04	6.30E-04	5.72E-04	1.40E-03	2.23E-03	2.03E-03
1860	387252.74, 3751684.85	5.823	9.299	8.435	2.75E-04	4.39E-04	3.98E-04	3.82E-04	6.10E-04	5.53E-04	1.35E-03	2.16E-03	1.96E-03
1861	387252.74, 3751709.85	5.638	8.983	8.146	2.66E-04	4.24E-04	3.85E-04	3.70E-04	5.89E-04	5.35E-04	1.31E-03	2.09E-03	1.89E-03
1862	387252.74, 3751734.85	5.484	8.686	7.896	2.59E-04	4.10E-04	3.73E-04	3.60E-04	5.70E-04	5.18E-04	1.27E-03	2.02E-03	1.84E-03
1863	387252.74, 3751759.85	5.263	8.326	7.555	2.49E-04	3.93E-04	3.57E-04	3.45E-04	5.46E-04	4.96E-04	1.22E-03	1.94E-03	1.76E-03
1864	387252.74, 3751784.85	5.076	7.98	7.261	2.40E-04	3.77E-04	3.43E-04	3.33E-04	5.24E-04	4.76E-04	1.18E-03	1.86E-03	1.69E-03
1865	387252.74, 3751809.85	4.862	7.599	6.931	2.30E-04	3.59E-04	3.27E-04	3.19E-04	4.99E-04	4.55E-04	1.13E-03	1.77E-03	1.61E-03
1866	387252.74, 3751834.85	4.618	7.171	6.534	2.18E-04	3.39E-04	3.09E-04	3.03E-04	4.71E-04	4.29E-04	1.07E-03	1.67E-03	1.52E-03
1867	387252.74, 3751859.85	4.352	6.72	6.122	2.06E-04	3.17E-04	2.89E-04	2.86E-04	4.41E-04	4.02E-04	1.01E-03	1.56E-03	1.42E-03
1868	387277.74, 3750684.85	16.42	29.43	26.59	7.75E-04	1.39E-03	1.26E-03	1.08E-03	1.93E-03	1.74E-03	3.82E-03	6.84E-03	6.18E-03
1869	387277.74, 3750709.85	16.44	28.47	25.9	7.76E-04	1.34E-03	1.22E-03	1.08E-03	1.87E-03	1.70E-03	3.82E-03	6.62E-03	6.02E-03
1870	387277.74, 3750734.85	15.4	26.62	24.28	7.27E-04	1.26E-03	1.15E-03	1.01E-03	1.75E-03	1.59E-03	3.58E-03	6.19E-03	5.65E-03
1871	387277.74, 3750759.85	14.72	25.38	23.1	6.95E-04	1.20E-03	1.09E-03	9.66E-04	1.67E-03	1.52E-03	3.42E-03	5.90E-03	5.37E-03
1872	387277.74, 3750784.85	14.2	24.09	21.95	6.71E-04	1.14E-03	1.04E-03	9.32E-04	1.58E-03	1.44E-03	3.30E-03	5.60E-03	5.10E-03
1873	387277.74, 3750809.85	13.22	22.51	20.53	6.25E-04	1.06E-03	9.70E-04	8.68E-04	1.48E-03	1.35E-03	3.07E-03	5.23E-03	4.77E-03
1874	387277.74, 3750834.85	12.7	21.47	19.58	6.00E-04	1.01E-03	9.25E-04	8.34E-04	1.41E-03	1.28E-03	2.95E-03	4.99E-03	4.55E-03
1875	387277.74, 3750859.85	12.38	20.66	18.89	5.84E-04	9.76E-04	8.92E-04	8.12E-04	1.36E-03	1.24E-03	2.88E-03	4.80E-03	4.39E-03
1876	387277.74, 3750884.85	11.93	20.03	18.24	5.63E-04	9.46E-04	8.61E-04	7.83E-04	1.31E-03	1.20E-03	2.77E-03	4.66E-03	4.24E-03
1877	387277.74, 3750909.85	11.54	19.22	17.55	5.45E-04	9.08E-04	8.29E-04	7.57E-04	1.26E-03	1.15E-03	2.68E-03	4.47E-03	4.08E-03
1878	387277.74, 3750934.85	11.2	18.46	16.95	5.29E-04	8.72E-04	8.00E-04	7.35E-04	1.21E-03	1.11E-03	2.60E-03	4.29E-03	3.94E-03
1879	387277.74, 3750959.85	10.69	17.65	16.17	5.05E-04	8.33E-04	7.64E-04	7.01E-04	1.16E-03	1.06E-03	2.48E-03	4.10E-03	3.76E-03
1880	387277.74, 3750984.85	10.38	17.02	15.61	4.90E-04	8.04E-04	7.37E-04	6.81E-04	1.12E-03	1.02E-03	2.41E-03	3.96E-03	3.63E-03
1881	387277.74, 3751009.85	10.01	16.42	15.05	4.73E-04	7.75E-04	7.11E-04	6.57E-04	1.08E-03	9.87E-04	2.33E-03	3.82E-03	3.50E-03

1882	387277.74, 3751034.85	9.72	15.88	14.58	4.59E-04	7.50E-04	6.88E-04	6.38E-04	1.04E-03	9.57E-04	2.26E-03	3.69E-03	3.39E-03
1883	387277.74, 3751059.85	9.447	15.42	14.16	4.46E-04	7.28E-04	6.69E-04	6.20E-04	1.01E-03	9.29E-04	2.20E-03	3.58E-03	3.29E-03
1884	387277.74, 3751084.85	9.188	14.97	13.71	4.34E-04	7.07E-04	6.47E-04	6.03E-04	9.82E-04	9.00E-04	2.14E-03	3.48E-03	3.19E-03
1885	387277.74, 3751109.85	8.99	14.57	13.34	4.25E-04	6.88E-04	6.30E-04	5.90E-04	9.56E-04	8.75E-04	2.09E-03	3.39E-03	3.10E-03
1886	387277.74, 3751134.85	8.767	14.18	12.98	4.14E-04	6.69E-04	6.13E-04	5.75E-04	9.30E-04	8.52E-04	2.04E-03	3.30E-03	3.02E-03
1887	387277.74, 3751159.85	8.388	13.64	12.47	3.96E-04	6.44E-04	5.89E-04	5.50E-04	8.95E-04	8.18E-04	1.95E-03	3.17E-03	2.90E-03
1888	387277.74, 3751184.85	8.121	13.19	12.06	3.84E-04	6.23E-04	5.70E-04	5.33E-04	8.66E-04	7.91E-04	1.89E-03	3.07E-03	2.80E-03
1889	387277.74, 3751209.85	7.922	12.85	11.75	3.74E-04	6.07E-04	5.55E-04	5.20E-04	8.43E-04	7.71E-04	1.84E-03	2.99E-03	2.73E-03
1890	387277.74, 3751234.85	7.75	12.54	11.46	3.66E-04	5.92E-04	5.41E-04	5.08E-04	8.23E-04	7.52E-04	1.80E-03	2.92E-03	2.67E-03
1891	387277.74, 3751259.85	7.522	12.19	11.13	3.55E-04	5.76E-04	5.26E-04	4.94E-04	8.00E-04	7.30E-04	1.75E-03	2.83E-03	2.59E-03
1892	387277.74, 3751284.85	7.385	11.94	10.88	3.49E-04	5.64E-04	5.14E-04	4.85E-04	7.83E-04	7.14E-04	1.72E-03	2.78E-03	2.53E-03
1893	387277.74, 3751309.85	7.191	11.61	10.6	3.40E-04	5.48E-04	5.01E-04	4.72E-04	7.62E-04	6.96E-04	1.67E-03	2.70E-03	2.46E-03
1894	387277.74, 3751334.85	7.015	11.33	10.34	3.31E-04	5.35E-04	4.88E-04	4.60E-04	7.44E-04	6.78E-04	1.63E-03	2.64E-03	2.40E-03
1895	387277.74, 3751359.85	6.857	11.09	10.09	3.24E-04	5.24E-04	4.76E-04	4.50E-04	7.28E-04	6.62E-04	1.59E-03	2.58E-03	2.35E-03
1896	387277.74, 3751384.85	6.701	10.83	9.842	3.16E-04	5.11E-04	4.65E-04	4.40E-04	7.11E-04	6.46E-04	1.56E-03	2.52E-03	2.29E-03
1897	387277.74, 3751409.85	6.548	10.57	9.601	3.09E-04	4.99E-04	4.53E-04	4.30E-04	6.94E-04	6.30E-04	1.52E-03	2.46E-03	2.23E-03
1898	387277.74, 3751434.85	6.397	10.32	9.36	3.02E-04	4.87E-04	4.42E-04	4.20E-04	6.77E-04	6.14E-04	1.49E-03	2.40E-03	2.18E-03
1899	387277.74, 3751459.85	6.25	10.06	9.128	2.95E-04	4.75E-04	4.31E-04	4.10E-04	6.60E-04	5.99E-04	1.45E-03	2.34E-03	2.12E-03
1900	387277.74, 3751484.85	6.109	9.83	8.905	2.89E-04	4.64E-04	4.21E-04	4.01E-04	6.45E-04	5.84E-04	1.42E-03	2.29E-03	2.07E-03
1901	387277.74, 3751509.85	5.967	9.591	8.68	2.82E-04	4.53E-04	4.10E-04	3.92E-04	6.29E-04	5.70E-04	1.39E-03	2.23E-03	2.02E-03
1902	387277.74, 3751534.85	5.836	9.356	8.473	2.76E-04	4.42E-04	4.00E-04	3.83E-04	6.14E-04	5.56E-04	1.36E-03	2.18E-03	1.97E-03
1903	387277.74, 3751559.85	5.694	9.108	8.259	2.69E-04	4.30E-04	3.90E-04	3.74E-04	5.98E-04	5.42E-04	1.32E-03	2.12E-03	1.92E-03
1904	387277.74, 3751584.85	5.566	8.879	8.06	2.63E-04	4.19E-04	3.81E-04	3.65E-04	5.83E-04	5.29E-04	1.29E-03	2.06E-03	1.87E-03
1905	387277.74, 3751609.85	5.438	8.663	7.876	2.57E-04	4.09E-04	3.72E-04	3.57E-04	5.68E-04	5.17E-04	1.26E-03	2.01E-03	1.83E-03
1906	387277.74, 3751634.85	5.308	8.44	7.675	2.51E-04	3.99E-04	3.62E-04	3.48E-04	5.54E-04	5.04E-04	1.23E-03	1.96E-03	1.78E-03
1907	387277.74, 3751659.85	5.175	8.211	7.469	2.44E-04	3.88E-04	3.53E-04	3.40E-04	5.39E-04	4.90E-04	1.20E-03	1.91E-03	1.74E-03
1908	387277.74, 3751684.85	5.034	7.975	7.25	2.38E-04	3.77E-04	3.42E-04	3.30E-04	5.23E-04	4.76E-04	1.17E-03	1.85E-03	1.69E-03
1909	387277.74, 3751709.85	4.888	7.726	7.024	2.31E-04	3.65E-04	3.32E-04	3.21E-04	5.07E-04	4.61E-04	1.14E-03	1.80E-03	1.63E-03
1910	387277.74, 3751734.85	4.734	7.462	6.786	2.24E-04	3.52E-04	3.21E-04	3.11E-04	4.90E-04	4.45E-04	1.10E-03	1.73E-03	1.58E-03
1911	387277.74, 3751759.85	4.568	7.18	6.547	2.16E-04	3.39E-04	3.09E-04	3.00E-04	4.71E-04	4.30E-04	1.06E-03	1.67E-03	1.52E-03
1912	387277.74, 3751784.85	4.396	6.88	6.278	2.08E-04	3.25E-04	2.96E-04	2.88E-04	4.51E-04	4.12E-04	1.02E-03	1.60E-03	1.46E-03
1913	387277.74, 3751809.85	4.219	6.564	5.992	1.99E-04	3.10E-04	2.83E-04	2.77E-04	4.31E-04	3.93E-04	9.81E-04	1.53E-03	1.39E-03
1914	387277.74, 3751834.85	4.026	6.226	5.674	1.90E-04	2.94E-04	2.68E-04	2.64E-04	4.09E-04	3.72E-04	9.36E-04	1.45E-03	1.32E-03
1915	387277.74, 3751859.85	3.808	5.869	5.351	1.80E-04	2.77E-04	2.53E-04	2.50E-04	3.85E-04	3.51E-04	8.85E-04	1.36E-03	1.24E-03
1916	387302.74, 3750459.85	18.3	32.29	29.21	8.64E-04	1.53E-03	1.38E-03	1.20E-03	2.12E-03	1.92E-03	4.25E-03	7.51E-03	6.79E-03
1917	387302.74, 3750484.85	16.13	28.74	26.01	7.62E-04	1.36E-03	1.23E-03	1.06E-03	1.89E-03	1.71E-03	3.75E-03	6.68E-03	6.05E-03
1918	387302.74, 3750509.85	15.91	27.56	25.09	7.52E-04	1.30E-03	1.18E-03	1.04E-03	1.81E-03	1.65E-03	3.70E-03	6.41E-03	5.83E-03
1919	387302.74, 3750534.85	14.97	25.81	23.53	7.07E-04	1.22E-03	1.11E-03	9.83E-04	1.69E-03	1.54E-03	3.48E-03	6.00E-03	5.47E-03
1920	387302.74, 3750559.85	14.17	24.47	22.22	6.69E-04	1.16E-03	1.05E-03	9.30E-04	1.61E-03	1.46E-03	3.29E-03	5.69E-03	5.17E-03
1921	387302.74, 3750584.85	13.8	23.32	21.29	6.52E-04	1.10E-03	1.01E-03	9.05E-04	1.53E-03	1.40E-03	3.21E-03	5.42E-03	4.95E-03
1922	387302.74, 3750609.85	12.97	22.07	20.11	6.13E-04	1.04E-03	9.50E-04	8.51E-04	1.45E-03	1.32E-03	3.02E-03	5.13E-03	4.68E-03

1923	387302.74, 3750634.85	12.5	21.2	19.28	5.91E-04	1.00E-03	9.11E-04	8.20E-04	1.39E-03	1.27E-03	2.91E-03	4.93E-03	4.48E-03
1924	387302.74, 3750659.85	12.18	20.34	18.63	5.75E-04	9.61E-04	8.80E-04	7.99E-04	1.33E-03	1.22E-03	2.83E-03	4.73E-03	4.33E-03
1925	387302.74, 3750684.85	11.68	19.53	17.85	5.52E-04	9.22E-04	8.43E-04	7.67E-04	1.28E-03	1.17E-03	2.72E-03	4.54E-03	4.15E-03
1926	387302.74, 3750709.85	11.32	18.75	17.19	5.35E-04	8.86E-04	8.12E-04	7.43E-04	1.23E-03	1.13E-03	2.63E-03	4.36E-03	4.00E-03
1927	387302.74, 3750734.85	10.99	18.11	16.61	5.19E-04	8.55E-04	7.84E-04	7.21E-04	1.19E-03	1.09E-03	2.55E-03	4.21E-03	3.86E-03
1928	387302.74, 3750759.85	10.61	17.5	16.03	5.01E-04	8.27E-04	7.57E-04	6.96E-04	1.15E-03	1.05E-03	2.47E-03	4.07E-03	3.73E-03
1929	387302.74, 3750784.85	10.32	16.91	15.54	4.87E-04	7.99E-04	7.34E-04	6.77E-04	1.11E-03	1.02E-03	2.40E-03	3.93E-03	3.61E-03
1930	387302.74, 3750809.85	9.965	16.33	14.98	4.71E-04	7.71E-04	7.07E-04	6.54E-04	1.07E-03	9.83E-04	2.32E-03	3.80E-03	3.48E-03
1931	387302.74, 3750834.85	9.642	15.79	14.47	4.55E-04	7.46E-04	6.83E-04	6.33E-04	1.04E-03	9.49E-04	2.24E-03	3.67E-03	3.36E-03
1932	387302.74, 3750859.85	9.398	15.32	14.04	4.44E-04	7.24E-04	6.63E-04	6.17E-04	1.01E-03	9.21E-04	2.18E-03	3.56E-03	3.26E-03
1933	387302.74, 3750884.85	9.157	14.92	13.65	4.32E-04	7.04E-04	6.45E-04	6.01E-04	9.79E-04	8.96E-04	2.13E-03	3.47E-03	3.17E-03
1934	387302.74, 3750909.85	8.851	14.44	13.24	4.18E-04	6.82E-04	6.25E-04	5.81E-04	9.47E-04	8.69E-04	2.06E-03	3.36E-03	3.08E-03
1935	387302.74, 3750934.85	8.67	14.08	12.92	4.09E-04	6.65E-04	6.10E-04	5.69E-04	9.24E-04	8.48E-04	2.02E-03	3.27E-03	3.00E-03
1936	387302.74, 3750959.85	8.473	13.72	12.55	4.00E-04	6.48E-04	5.93E-04	5.56E-04	9.00E-04	8.24E-04	1.97E-03	3.19E-03	2.92E-03
1937	387302.74, 3750984.85	8.279	13.38	12.23	3.91E-04	6.32E-04	5.78E-04	5.43E-04	8.78E-04	8.03E-04	1.92E-03	3.11E-03	2.84E-03
1938	387302.74, 3751009.85	8.053	13.02	11.89	3.80E-04	6.15E-04	5.62E-04	5.28E-04	8.55E-04	7.80E-04	1.87E-03	3.03E-03	2.76E-03
1939	387302.74, 3751034.85	7.78	12.6	11.51	3.67E-04	5.95E-04	5.44E-04	5.10E-04	8.27E-04	7.55E-04	1.81E-03	2.93E-03	2.68E-03
1940	387302.74, 3751059.85	7.637	12.33	11.28	3.61E-04	5.82E-04	5.33E-04	5.01E-04	8.09E-04	7.40E-04	1.78E-03	2.87E-03	2.62E-03
1941	387302.74, 3751084.85	7.463	12.07	11	3.52E-04	5.70E-04	5.19E-04	4.90E-04	7.92E-04	7.22E-04	1.74E-03	2.81E-03	2.56E-03
1942	387302.74, 3751109.85	7.259	11.76	10.7	3.43E-04	5.55E-04	5.06E-04	4.76E-04	7.72E-04	7.02E-04	1.69E-03	2.73E-03	2.49E-03
1943	387302.74, 3751134.85	7.078	11.47	10.44	3.34E-04	5.42E-04	4.93E-04	4.64E-04	7.52E-04	6.85E-04	1.65E-03	2.67E-03	2.43E-03
1944	387302.74, 3751159.85	6.913	11.21	10.18	3.26E-04	5.29E-04	4.81E-04	4.54E-04	7.35E-04	6.68E-04	1.61E-03	2.61E-03	2.37E-03
1945	387302.74, 3751184.85	6.762	10.95	9.949	3.19E-04	5.17E-04	4.70E-04	4.44E-04	7.18E-04	6.53E-04	1.57E-03	2.55E-03	2.31E-03
1946	387302.74, 3751209.85	6.619	10.71	9.726	3.13E-04	5.06E-04	4.59E-04	4.34E-04	7.02E-04	6.38E-04	1.54E-03	2.49E-03	2.26E-03
1947	387302.74, 3751234.85	6.498	10.49	9.521	3.07E-04	4.95E-04	4.50E-04	4.26E-04	6.88E-04	6.25E-04	1.51E-03	2.44E-03	2.21E-03
1948	387302.74, 3751259.85	6.351	10.25	9.305	3.00E-04	4.84E-04	4.39E-04	4.17E-04	6.73E-04	6.11E-04	1.48E-03	2.38E-03	2.16E-03
1949	387302.74, 3751284.85	6.23	10.04	9.107	2.94E-04	4.74E-04	4.30E-04	4.09E-04	6.59E-04	5.98E-04	1.45E-03	2.33E-03	2.12E-03
1950	387302.74, 3751309.85	6.077	9.798	8.901	2.87E-04	4.63E-04	4.20E-04	3.99E-04	6.43E-04	5.84E-04	1.41E-03	2.28E-03	2.07E-03
1951	387302.74, 3751334.85	5.948	9.597	8.727	2.81E-04	4.53E-04	4.12E-04	3.90E-04	6.30E-04	5.73E-04	1.38E-03	2.23E-03	2.03E-03
1952	387302.74, 3751359.85	5.826	9.413	8.532	2.75E-04	4.45E-04	4.03E-04	3.82E-04	6.18E-04	5.60E-04	1.35E-03	2.19E-03	1.98E-03
1953	387302.74, 3751384.85	5.701	9.217	8.342	2.69E-04	4.35E-04	3.94E-04	3.74E-04	6.05E-04	5.47E-04	1.33E-03	2.14E-03	1.94E-03
1954	387302.74, 3751409.85	5.603	9.037	8.186	2.65E-04	4.27E-04	3.87E-04	3.68E-04	5.93E-04	5.37E-04	1.30E-03	2.10E-03	1.90E-03
1955	387302.74, 3751434.85	5.483	8.837	8.004	2.59E-04	4.17E-04	3.78E-04	3.60E-04	5.80E-04	5.25E-04	1.27E-03	2.05E-03	1.86E-03
1956	387302.74, 3751459.85	5.373	8.647	7.83	2.54E-04	4.08E-04	3.70E-04	3.53E-04	5.67E-04	5.14E-04	1.25E-03	2.01E-03	1.82E-03
1957	387302.74, 3751484.85	5.251	8.452	7.645	2.48E-04	3.99E-04	3.61E-04	3.45E-04	5.55E-04	5.02E-04	1.22E-03	1.97E-03	1.78E-03
1958	387302.74, 3751509.85	5.14	8.265	7.472	2.43E-04	3.90E-04	3.53E-04	3.37E-04	5.42E-04	4.90E-04	1.19E-03	1.92E-03	1.74E-03
1959	387302.74, 3751534.85	5.037	8.083	7.317	2.38E-04	3.82E-04	3.46E-04	3.31E-04	5.30E-04	4.80E-04	1.17E-03	1.88E-03	1.70E-03
1960	387302.74, 3751559.85	4.935	7.887	7.137	2.33E-04	3.72E-04	3.37E-04	3.24E-04	5.18E-04	4.68E-04	1.15E-03	1.83E-03	1.66E-03
1961	387302.74, 3751584.85	4.831	7.71	6.992	2.28E-04	3.64E-04	3.30E-04	3.17E-04	5.06E-04	4.59E-04	1.12E-03	1.79E-03	1.63E-03
1962	387302.74, 3751609.85	4.717	7.512	6.82	2.23E-04	3.55E-04	3.22E-04	3.10E-04	4.93E-04	4.47E-04	1.10E-03	1.75E-03	1.59E-03
1963	387302.74, 3751634.85	4.617	7.336	6.652	2.18E-04	3.46E-04	3.14E-04	3.03E-04	4.81E-04	4.36E-04	1.07E-03	1.71E-03	1.55E-03

1964	387302.74, 3751659.85	4.498	7.14	6.483	2.12E-04	3.37E-04	3.06E-04	2.95E-04	4.68E-04	4.25E-04	1.05E-03	1.66E-03	1.51E-03
1965	387302.74, 3751684.85	4.388	6.947	6.313	2.07E-04	3.28E-04	2.98E-04	2.88E-04	4.56E-04	4.14E-04	1.02E-03	1.62E-03	1.47E-03
1966	387302.74, 3751709.85	4.265	6.74	6.126	2.01E-04	3.18E-04	2.89E-04	2.80E-04	4.42E-04	4.02E-04	9.92E-04	1.57E-03	1.42E-03
1967	387302.74, 3751734.85	4.135	6.518	5.929	1.95E-04	3.08E-04	2.80E-04	2.71E-04	4.28E-04	3.89E-04	9.61E-04	1.52E-03	1.38E-03
1968	387302.74, 3751759.85	4.003	6.285	5.721	1.89E-04	2.97E-04	2.70E-04	2.63E-04	4.12E-04	3.75E-04	9.31E-04	1.46E-03	1.33E-03
1969	387302.74, 3751784.85	3.869	6.04	5.512	1.83E-04	2.85E-04	2.60E-04	2.54E-04	3.96E-04	3.62E-04	8.99E-04	1.40E-03	1.28E-03
1970	387302.74, 3751809.85	3.722	5.778	5.267	1.76E-04	2.73E-04	2.49E-04	2.44E-04	3.79E-04	3.46E-04	8.65E-04	1.34E-03	1.22E-03
1971	387302.74, 3751834.85	3.556	5.501	5.013	1.68E-04	2.60E-04	2.37E-04	2.33E-04	3.61E-04	3.29E-04	8.27E-04	1.28E-03	1.17E-03
1972	387302.74, 3751859.85	3.391	5.245	4.785	1.60E-04	2.48E-04	2.26E-04	2.22E-04	3.44E-04	3.14E-04	7.88E-04	1.22E-03	1.11E-03
1973	387327.74, 3750259.85	18.3	32.06	29.03	8.64E-04	1.51E-03	1.37E-03	1.20E-03	2.10E-03	1.90E-03	4.26E-03	7.45E-03	6.75E-03
1974	387327.74, 3750284.85	16.56	29.22	26.53	7.82E-04	1.38E-03	1.25E-03	1.09E-03	1.92E-03	1.74E-03	3.85E-03	6.79E-03	6.17E-03
1975	387327.74, 3750309.85	16.36	28.24	25.65	7.73E-04	1.33E-03	1.21E-03	1.07E-03	1.85E-03	1.68E-03	3.80E-03	6.56E-03	5.96E-03
1976	387327.74, 3750334.85	15.42	26.25	23.99	7.28E-04	1.24E-03	1.13E-03	1.01E-03	1.72E-03	1.57E-03	3.59E-03	6.10E-03	5.58E-03
1977	387327.74, 3750359.85	14.38	24.68	22.46	6.79E-04	1.17E-03	1.06E-03	9.44E-04	1.62E-03	1.47E-03	3.34E-03	5.74E-03	5.22E-03
1978	387327.74, 3750384.85	13.87	23.53	21.42	6.55E-04	1.11E-03	1.01E-03	9.10E-04	1.54E-03	1.41E-03	3.22E-03	5.47E-03	4.98E-03
1979	387327.74, 3750409.85	12.98	21.92	20	6.13E-04	1.04E-03	9.45E-04	8.52E-04	1.44E-03	1.31E-03	3.02E-03	5.10E-03	4.65E-03
1980	387327.74, 3750434.85	12.37	20.95	19.05	5.84E-04	9.89E-04	9.00E-04	8.12E-04	1.37E-03	1.25E-03	2.88E-03	4.87E-03	4.43E-03
1981	387327.74, 3750459.85	12.21	20.28	18.59	5.77E-04	9.58E-04	8.78E-04	8.01E-04	1.33E-03	1.22E-03	2.84E-03	4.71E-03	4.32E-03
1982	387327.74, 3750484.85	11.62	19.33	17.7	5.49E-04	9.13E-04	8.36E-04	7.62E-04	1.27E-03	1.16E-03	2.70E-03	4.49E-03	4.11E-03
1983	387327.74, 3750509.85	11.06	18.38	16.84	5.22E-04	8.68E-04	7.95E-04	7.26E-04	1.21E-03	1.10E-03	2.57E-03	4.27E-03	3.91E-03
1984	387327.74, 3750534.85	10.76	17.76	16.3	5.08E-04	8.39E-04	7.70E-04	7.06E-04	1.17E-03	1.07E-03	2.50E-03	4.13E-03	3.79E-03
1985	387327.74, 3750559.85	10.36	17.15	15.7	4.89E-04	8.10E-04	7.41E-04	6.80E-04	1.13E-03	1.03E-03	2.41E-03	3.99E-03	3.65E-03
1986	387327.74, 3750584.85	10.13	16.6	15.26	4.78E-04	7.84E-04	7.20E-04	6.65E-04	1.09E-03	1.00E-03	2.35E-03	3.86E-03	3.55E-03
1987	387327.74, 3750609.85	9.873	16.16	14.82	4.66E-04	7.63E-04	7.00E-04	6.48E-04	1.06E-03	9.73E-04	2.30E-03	3.76E-03	3.45E-03
1988	387327.74, 3750634.85	9.575	15.67	14.36	4.52E-04	7.40E-04	6.78E-04	6.28E-04	1.03E-03	9.42E-04	2.23E-03	3.64E-03	3.34E-03
1989	387327.74, 3750659.85	9.335	15.2	13.96	4.41E-04	7.18E-04	6.59E-04	6.13E-04	9.97E-04	9.16E-04	2.17E-03	3.53E-03	3.25E-03
1990	387327.74, 3750684.85	9.175	14.86	13.64	4.33E-04	7.02E-04	6.44E-04	6.02E-04	9.75E-04	8.95E-04	2.13E-03	3.46E-03	3.17E-03
1991	387327.74, 3750709.85	8.904	14.41	13.21	4.21E-04	6.81E-04	6.24E-04	5.84E-04	9.46E-04	8.67E-04	2.07E-03	3.35E-03	3.07E-03
1992	387327.74, 3750734.85	8.683	14.03	12.87	4.10E-04	6.63E-04	6.08E-04	5.70E-04	9.21E-04	8.44E-04	2.02E-03	3.26E-03	2.99E-03
1993	387327.74, 3750759.85	8.464	13.68	12.53	4.00E-04	6.46E-04	5.92E-04	5.55E-04	8.98E-04	8.22E-04	1.97E-03	3.18E-03	2.91E-03
1994	387327.74, 3750784.85	8.247	13.31	12.2	3.89E-04	6.29E-04	5.76E-04	5.41E-04	8.73E-04	8.00E-04	1.92E-03	3.09E-03	2.84E-03
1995	387327.74, 3750809.85	8.011	12.96	11.85	3.78E-04	6.12E-04	5.60E-04	5.26E-04	8.51E-04	7.78E-04	1.86E-03	3.01E-03	2.76E-03
1996	387327.74, 3750834.85	7.842	12.69	11.57	3.70E-04	5.99E-04	5.46E-04	5.15E-04	8.33E-04	7.59E-04	1.82E-03	2.95E-03	2.69E-03
1997	387327.74, 3750859.85	7.647	12.38	11.27	3.61E-04	5.85E-04	5.32E-04	5.02E-04	8.12E-04	7.39E-04	1.78E-03	2.88E-03	2.62E-03
1998	387327.74, 3750884.85	7.477	12.08	11.01	3.53E-04	5.71E-04	5.20E-04	4.91E-04	7.93E-04	7.22E-04	1.74E-03	2.81E-03	2.56E-03
1999	387327.74, 3750909.85	7.272	11.74	10.73	3.43E-04	5.55E-04	5.07E-04	4.77E-04	7.71E-04	7.04E-04	1.69E-03	2.73E-03	2.49E-03
2000	387327.74, 3750934.85	7.154	11.53	10.53	3.38E-04	5.44E-04	4.98E-04	4.69E-04	7.56E-04	6.91E-04	1.66E-03	2.68E-03	2.45E-03
2001	387327.74, 3750959.85	7.014	11.32	10.3	3.31E-04	5.34E-04	4.86E-04	4.60E-04	7.43E-04	6.76E-04	1.63E-03	2.63E-03	2.39E-03
2002	387327.74, 3750984.85	6.909	11.12	10.11	3.26E-04	5.25E-04	4.77E-04	4.53E-04	7.30E-04	6.63E-04	1.61E-03	2.59E-03	2.35E-03
2003	387327.74, 3751009.85	6.738	10.86	9.863	3.18E-04	5.13E-04	4.66E-04	4.42E-04	7.12E-04	6.47E-04	1.57E-03	2.52E-03	2.29E-03
2004	387327.74, 3751034.85	6.54	10.56	9.596	3.09E-04	4.99E-04	4.53E-04	4.29E-04	6.93E-04	6.30E-04	1.52E-03	2.46E-03	2.23E-03

2005	387327.74, 3751059.85	6.381	10.32	9.393	3.01E-04	4.87E-04	4.44E-04	4.19E-04	6.77E-04	6.16E-04	1.48E-03	2.40E-03	2.18E-03
2006	387327.74, 3751084.85	6.296	10.17	9.234	2.97E-04	4.80E-04	4.36E-04	4.13E-04	6.67E-04	6.06E-04	1.46E-03	2.36E-03	2.15E-03
2007	387327.74, 3751109.85	6.169	9.97	9.045	2.91E-04	4.71E-04	4.27E-04	4.05E-04	6.54E-04	5.93E-04	1.43E-03	2.32E-03	2.10E-03
2008	387327.74, 3751134.85	6.055	9.778	8.863	2.86E-04	4.62E-04	4.19E-04	3.97E-04	6.42E-04	5.82E-04	1.41E-03	2.27E-03	2.06E-03
2009	387327.74, 3751159.85	5.932	9.579	8.676	2.80E-04	4.52E-04	4.10E-04	3.89E-04	6.29E-04	5.69E-04	1.38E-03	2.23E-03	2.02E-03
2010	387327.74, 3751184.85	5.823	9.399	8.513	2.75E-04	4.44E-04	4.02E-04	3.82E-04	6.17E-04	5.59E-04	1.35E-03	2.19E-03	1.98E-03
2011	387327.74, 3751209.85	5.703	9.207	8.337	2.69E-04	4.35E-04	3.94E-04	3.74E-04	6.04E-04	5.47E-04	1.33E-03	2.14E-03	1.94E-03
2012	387327.74, 3751234.85	5.595	9.027	8.174	2.64E-04	4.26E-04	3.86E-04	3.67E-04	5.92E-04	5.36E-04	1.30E-03	2.10E-03	1.90E-03
2013	387327.74, 3751259.85	5.499	8.858	8.025	2.60E-04	4.18E-04	3.79E-04	3.61E-04	5.81E-04	5.27E-04	1.28E-03	2.06E-03	1.87E-03
2014	387327.74, 3751284.85	5.392	8.682	7.863	2.55E-04	4.10E-04	3.71E-04	3.54E-04	5.70E-04	5.16E-04	1.25E-03	2.02E-03	1.83E-03
2015	387327.74, 3751309.85	5.277	8.499	7.698	2.49E-04	4.01E-04	3.64E-04	3.46E-04	5.58E-04	5.05E-04	1.23E-03	1.98E-03	1.79E-03
2016	387327.74, 3751334.85	5.169	8.335	7.559	2.44E-04	3.94E-04	3.57E-04	3.39E-04	5.47E-04	4.96E-04	1.20E-03	1.94E-03	1.76E-03
2017	387327.74, 3751359.85	5.068	8.187	7.417	2.39E-04	3.87E-04	3.50E-04	3.33E-04	5.37E-04	4.87E-04	1.18E-03	1.90E-03	1.72E-03
2018	387327.74, 3751384.85	4.985	8.048	7.28	2.35E-04	3.80E-04	3.44E-04	3.27E-04	5.28E-04	4.78E-04	1.16E-03	1.87E-03	1.69E-03
2019	387327.74, 3751409.85	4.902	7.9	7.148	2.32E-04	3.73E-04	3.38E-04	3.22E-04	5.18E-04	4.69E-04	1.14E-03	1.84E-03	1.66E-03
2020	387327.74, 3751434.85	4.813	7.745	7.008	2.27E-04	3.66E-04	3.31E-04	3.16E-04	5.08E-04	4.60E-04	1.12E-03	1.80E-03	1.63E-03
2021	387327.74, 3751459.85	4.724	7.591	6.868	2.23E-04	3.58E-04	3.24E-04	3.10E-04	4.98E-04	4.51E-04	1.10E-03	1.76E-03	1.60E-03
2022	387327.74, 3751484.85	4.626	7.434	6.72	2.18E-04	3.51E-04	3.17E-04	3.04E-04	4.88E-04	4.41E-04	1.08E-03	1.73E-03	1.56E-03
2023	387327.74, 3751509.85	4.533	7.279	6.589	2.14E-04	3.44E-04	3.11E-04	2.97E-04	4.78E-04	4.32E-04	1.05E-03	1.69E-03	1.53E-03
2024	387327.74, 3751534.85	4.442	7.117	6.434	2.10E-04	3.36E-04	3.04E-04	2.91E-04	4.67E-04	4.22E-04	1.03E-03	1.65E-03	1.50E-03
2025	387327.74, 3751559.85	4.358	6.959	6.304	2.06E-04	3.29E-04	2.98E-04	2.86E-04	4.57E-04	4.14E-04	1.01E-03	1.62E-03	1.47E-03
2026	387327.74, 3751584.85	4.262	6.793	6.156	2.01E-04	3.21E-04	2.91E-04	2.80E-04	4.46E-04	4.04E-04	9.91E-04	1.58E-03	1.43E-03
2027	387327.74, 3751609.85	4.178	6.64	6.022	1.97E-04	3.14E-04	2.84E-04	2.74E-04	4.36E-04	3.95E-04	9.71E-04	1.54E-03	1.40E-03
2028	387327.74, 3751634.85	4.091	6.486	5.894	1.93E-04	3.06E-04	2.78E-04	2.68E-04	4.26E-04	3.87E-04	9.51E-04	1.51E-03	1.37E-03
2029	387327.74, 3751659.85	3.999	6.326	5.742	1.89E-04	2.99E-04	2.71E-04	2.62E-04	4.15E-04	3.77E-04	9.30E-04	1.47E-03	1.34E-03
2030	387327.74, 3751684.85	3.903	6.161	5.587	1.84E-04	2.91E-04	2.64E-04	2.56E-04	4.04E-04	3.67E-04	9.07E-04	1.43E-03	1.30E-03
2031	387327.74, 3751709.85	3.789	5.98	5.427	1.79E-04	2.82E-04	2.56E-04	2.49E-04	3.92E-04	3.56E-04	8.81E-04	1.39E-03	1.26E-03
2032	387327.74, 3751734.85	3.698	5.802	5.276	1.75E-04	2.74E-04	2.49E-04	2.43E-04	3.81E-04	3.46E-04	8.60E-04	1.35E-03	1.23E-03
2033	387327.74, 3751759.85	3.593	5.608	5.116	1.70E-04	2.65E-04	2.42E-04	2.36E-04	3.68E-04	3.36E-04	8.35E-04	1.30E-03	1.19E-03
2034	387327.74, 3751784.85	3.469	5.394	4.92	1.64E-04	2.55E-04	2.32E-04	2.28E-04	3.54E-04	3.23E-04	8.06E-04	1.25E-03	1.14E-03
2035	387327.74, 3751809.85	3.339	5.178	4.73	1.58E-04	2.45E-04	2.23E-04	2.19E-04	3.40E-04	3.10E-04	7.76E-04	1.20E-03	1.10E-03
2036	387327.74, 3751834.85	3.2	4.964	4.527	1.51E-04	2.34E-04	2.14E-04	2.10E-04	3.26E-04	2.97E-04	7.44E-04	1.15E-03	1.05E-03
2037	387327.74, 3751859.85	3.049	4.749	4.315	1.44E-04	2.24E-04	2.04E-04	2.00E-04	3.12E-04	2.83E-04	7.09E-04	1.10E-03	1.00E-03
2038	387352.74, 3750034.85	18.82	33.84	30.46	8.89E-04	1.60E-03	1.44E-03	1.23E-03	2.22E-03	2.00E-03	4.37E-03	7.87E-03	7.08E-03
2039	387352.74, 3750059.85	18.59	32.56	29.34	8.78E-04	1.54E-03	1.39E-03	1.22E-03	2.14E-03	1.93E-03	4.32E-03	7.57E-03	6.82E-03
2040	387352.74, 3750084.85	16.32	28.4	25.84	7.71E-04	1.34E-03	1.22E-03	1.07E-03	1.86E-03	1.70E-03	3.79E-03	6.60E-03	6.01E-03
2041	387352.74, 3750109.85	15.5	26.69	24.28	7.32E-04	1.26E-03	1.15E-03	1.02E-03	1.75E-03	1.59E-03	3.60E-03	6.21E-03	5.65E-03
2042	387352.74, 3750134.85	14.99	25.38	23.2	7.08E-04	1.20E-03	1.10E-03	9.84E-04	1.67E-03	1.52E-03	3.49E-03	5.90E-03	5.39E-03
2043	387352.74, 3750159.85	14.17	24.15	21.95	6.69E-04	1.14E-03	1.04E-03	9.30E-04	1.58E-03	1.44E-03	3.29E-03	5.61E-03	5.10E-03
2044	387352.74, 3750184.85	13.84	23.2	21.18	6.54E-04	1.10E-03	1.00E-03	9.08E-04	1.52E-03	1.39E-03	3.22E-03	5.39E-03	4.92E-03
2045	387352.74, 3750209.85	13.18	21.98	20.12	6.23E-04	1.04E-03	9.50E-04	8.65E-04	1.44E-03	1.32E-03	3.07E-03	5.11E-03	4.68E-03

2046	387352.74, 3750234.85	12.63	21.14	19.27	5.97E-04	9.98E-04	9.10E-04	8.29E-04	1.39E-03	1.26E-03	2.94E-03	4.91E-03	4.48E-03
2047	387352.74, 3750259.85	12.17	20.24	18.48	5.75E-04	9.56E-04	8.73E-04	7.99E-04	1.33E-03	1.21E-03	2.83E-03	4.71E-03	4.30E-03
2048	387352.74, 3750284.85	11.81	19.54	17.84	5.58E-04	9.23E-04	8.42E-04	7.75E-04	1.28E-03	1.17E-03	2.75E-03	4.54E-03	4.15E-03
2049	387352.74, 3750309.85	11.43	18.81	17.24	5.40E-04	8.88E-04	8.14E-04	7.50E-04	1.23E-03	1.13E-03	2.66E-03	4.37E-03	4.01E-03
2050	387352.74, 3750334.85	11.07	18.05	16.6	5.23E-04	8.53E-04	7.84E-04	7.27E-04	1.18E-03	1.09E-03	2.57E-03	4.20E-03	3.86E-03
2051	387352.74, 3750359.85	10.58	17.34	15.87	5.00E-04	8.19E-04	7.50E-04	6.94E-04	1.14E-03	1.04E-03	2.46E-03	4.03E-03	3.69E-03
2052	387352.74, 3750384.85	10.14	16.64	15.25	4.79E-04	7.86E-04	7.20E-04	6.65E-04	1.09E-03	1.00E-03	2.36E-03	3.87E-03	3.55E-03
2053	387352.74, 3750409.85	9.847	16.1	14.78	4.65E-04	7.61E-04	6.98E-04	6.46E-04	1.06E-03	9.70E-04	2.29E-03	3.74E-03	3.44E-03
2054	387352.74, 3750434.85	9.521	15.55	14.25	4.50E-04	7.35E-04	6.73E-04	6.25E-04	1.02E-03	9.35E-04	2.21E-03	3.62E-03	3.31E-03
2055	387352.74, 3750459.85	9.325	15.13	13.89	4.40E-04	7.15E-04	6.56E-04	6.12E-04	9.93E-04	9.11E-04	2.17E-03	3.52E-03	3.23E-03
2056	387352.74, 3750484.85	9.088	14.72	13.5	4.29E-04	6.95E-04	6.37E-04	5.96E-04	9.66E-04	8.85E-04	2.11E-03	3.42E-03	3.14E-03
2057	387352.74, 3750509.85	8.736	14.21	12.99	4.13E-04	6.71E-04	6.14E-04	5.73E-04	9.32E-04	8.53E-04	2.03E-03	3.30E-03	3.02E-03
2058	387352.74, 3750534.85	8.461	13.77	12.59	4.00E-04	6.50E-04	5.95E-04	5.55E-04	9.04E-04	8.26E-04	1.97E-03	3.20E-03	2.93E-03
2059	387352.74, 3750559.85	8.275	13.46	12.3	3.91E-04	6.36E-04	5.81E-04	5.43E-04	8.83E-04	8.07E-04	1.92E-03	3.13E-03	2.86E-03
2060	387352.74, 3750584.85	8.062	13.1	11.98	3.81E-04	6.19E-04	5.66E-04	5.29E-04	8.60E-04	7.86E-04	1.87E-03	3.05E-03	2.78E-03
2061	387352.74, 3750609.85	7.971	12.9	11.78	3.76E-04	6.09E-04	5.56E-04	5.23E-04	8.46E-04	7.73E-04	1.85E-03	3.00E-03	2.74E-03
2062	387352.74, 3750634.85	7.81	12.62	11.51	3.69E-04	5.96E-04	5.44E-04	5.12E-04	8.28E-04	7.55E-04	1.82E-03	2.93E-03	2.68E-03
2063	387352.74, 3750659.85	7.638	12.32	11.25	3.61E-04	5.82E-04	5.31E-04	5.01E-04	8.08E-04	7.38E-04	1.78E-03	2.86E-03	2.62E-03
2064	387352.74, 3750684.85	7.515	12.1	11.04	3.55E-04	5.71E-04	5.21E-04	4.93E-04	7.94E-04	7.24E-04	1.75E-03	2.81E-03	2.57E-03
2065	387352.74, 3750709.85	7.346	11.83	10.78	3.47E-04	5.59E-04	5.09E-04	4.82E-04	7.76E-04	7.07E-04	1.71E-03	2.75E-03	2.51E-03
2066	387352.74, 3750734.85	7.192	11.57	10.54	3.40E-04	5.47E-04	4.98E-04	4.72E-04	7.59E-04	6.92E-04	1.67E-03	2.69E-03	2.45E-03
2067	387352.74, 3750759.85	7.04	11.33	10.31	3.32E-04	5.35E-04	4.87E-04	4.62E-04	7.43E-04	6.77E-04	1.64E-03	2.63E-03	2.40E-03
2068	387352.74, 3750784.85	6.875	11.06	10.08	3.25E-04	5.23E-04	4.76E-04	4.51E-04	7.26E-04	6.61E-04	1.60E-03	2.57E-03	2.34E-03
2069	387352.74, 3750809.85	6.697	10.82	9.845	3.16E-04	5.11E-04	4.65E-04	4.39E-04	7.10E-04	6.46E-04	1.56E-03	2.51E-03	2.29E-03
2070	387352.74, 3750834.85	6.601	10.65	9.673	3.12E-04	5.03E-04	4.57E-04	4.33E-04	6.99E-04	6.35E-04	1.53E-03	2.48E-03	2.25E-03
2071	387352.74, 3750859.85	6.458	10.43	9.458	3.05E-04	4.93E-04	4.47E-04	4.24E-04	6.84E-04	6.21E-04	1.50E-03	2.42E-03	2.20E-03
2072	387352.74, 3750884.85	6.328	10.21	9.265	2.99E-04	4.82E-04	4.38E-04	4.15E-04	6.70E-04	6.08E-04	1.47E-03	2.37E-03	2.15E-03
2073	387352.74, 3750909.85	6.188	9.972	9.062	2.92E-04	4.71E-04	4.28E-04	4.06E-04	6.54E-04	5.95E-04	1.44E-03	2.32E-03	2.11E-03
2074	387352.74, 3750934.85	6.049	9.768	8.887	2.86E-04	4.61E-04	4.20E-04	3.97E-04	6.41E-04	5.83E-04	1.41E-03	2.27E-03	2.07E-03
2075	387352.74, 3750959.85	5.979	9.644	8.755	2.82E-04	4.55E-04	4.13E-04	3.92E-04	6.33E-04	5.74E-04	1.39E-03	2.24E-03	2.04E-03
2076	387352.74, 3750984.85	5.877	9.486	8.591	2.78E-04	4.48E-04	4.06E-04	3.86E-04	6.22E-04	5.64E-04	1.37E-03	2.21E-03	2.00E-03
2077	387352.74, 3751009.85	5.754	9.299	8.413	2.72E-04	4.39E-04	3.97E-04	3.78E-04	6.10E-04	5.52E-04	1.34E-03	2.16E-03	1.96E-03
2078	387352.74, 3751034.85	5.659	9.124	8.266	2.67E-04	4.31E-04	3.90E-04	3.71E-04	5.99E-04	5.42E-04	1.32E-03	2.12E-03	1.92E-03
2079	387352.74, 3751059.85	5.541	8.943	8.106	2.62E-04	4.22E-04	3.83E-04	3.64E-04	5.87E-04	5.32E-04	1.29E-03	2.08E-03	1.88E-03
2080	387352.74, 3751084.85	5.462	8.809	7.985	2.58E-04	4.16E-04	3.77E-04	3.58E-04	5.78E-04	5.24E-04	1.27E-03	2.05E-03	1.86E-03
2081	387352.74, 3751109.85	5.348	8.651	7.829	2.53E-04	4.09E-04	3.70E-04	3.51E-04	5.68E-04	5.14E-04	1.24E-03	2.01E-03	1.82E-03
2082	387352.74, 3751134.85	5.269	8.513	7.7	2.49E-04	4.02E-04	3.64E-04	3.46E-04	5.59E-04	5.05E-04	1.22E-03	1.98E-03	1.79E-03
2083	387352.74, 3751159.85	5.169	8.361	7.555	2.44E-04	3.95E-04	3.57E-04	3.39E-04	5.49E-04	4.96E-04	1.20E-03	1.94E-03	1.76E-03
2084	387352.74, 3751184.85	5.084	8.218	7.424	2.40E-04	3.88E-04	3.51E-04	3.34E-04	5.39E-04	4.87E-04	1.18E-03	1.91E-03	1.73E-03
2085	387352.74, 3751209.85	4.994	8.071	7.291	2.36E-04	3.81E-04	3.44E-04	3.28E-04	5.30E-04	4.78E-04	1.16E-03	1.88E-03	1.70E-03
2086	387352.74, 3751234.85	4.916	7.933	7.17	2.32E-04	3.75E-04	3.39E-04	3.23E-04	5.20E-04	4.70E-04	1.14E-03	1.84E-03	1.67E-03

2087	387352.74, 3751259.85	4.832	7.792	7.046	2.28E-04	3.68E-04	3.33E-04	3.17E-04	5.11E-04	4.62E-04	1.12E-03	1.81E-03	1.64E-03
2088	387352.74, 3751284.85	4.758	7.655	6.929	2.25E-04	3.62E-04	3.27E-04	3.12E-04	5.02E-04	4.55E-04	1.11E-03	1.78E-03	1.61E-03
2089	387352.74, 3751309.85	4.669	7.511	6.804	2.20E-04	3.55E-04	3.21E-04	3.06E-04	4.93E-04	4.46E-04	1.09E-03	1.75E-03	1.58E-03
2090	387352.74, 3751334.85	4.589	7.381	6.691	2.17E-04	3.49E-04	3.16E-04	3.01E-04	4.84E-04	4.39E-04	1.07E-03	1.72E-03	1.56E-03
2091	387352.74, 3751359.85	4.506	7.258	6.573	2.13E-04	3.43E-04	3.10E-04	2.96E-04	4.76E-04	4.31E-04	1.05E-03	1.69E-03	1.53E-03
2092	387352.74, 3751384.85	4.435	7.141	6.463	2.09E-04	3.37E-04	3.05E-04	2.91E-04	4.69E-04	4.24E-04	1.03E-03	1.66E-03	1.50E-03
2093	387352.74, 3751409.85	4.361	7.018	6.351	2.06E-04	3.31E-04	3.00E-04	2.86E-04	4.61E-04	4.17E-04	1.01E-03	1.63E-03	1.48E-03
2094	387352.74, 3751434.85	4.289	6.892	6.238	2.03E-04	3.25E-04	2.95E-04	2.81E-04	4.52E-04	4.09E-04	9.97E-04	1.60E-03	1.45E-03
2095	387352.74, 3751459.85	4.215	6.763	6.12	1.99E-04	3.19E-04	2.89E-04	2.77E-04	4.44E-04	4.02E-04	9.80E-04	1.57E-03	1.42E-03
2096	387352.74, 3751484.85	4.137	6.633	6	1.95E-04	3.13E-04	2.83E-04	2.71E-04	4.35E-04	3.94E-04	9.62E-04	1.54E-03	1.40E-03
2097	387352.74, 3751509.85	4.057	6.5	5.878	1.92E-04	3.07E-04	2.78E-04	2.66E-04	4.26E-04	3.86E-04	9.43E-04	1.51E-03	1.37E-03
2098	387352.74, 3751534.85	3.98	6.364	5.76	1.88E-04	3.01E-04	2.72E-04	2.61E-04	4.18E-04	3.78E-04	9.25E-04	1.48E-03	1.34E-03
2099	387352.74, 3751559.85	3.902	6.224	5.641	1.84E-04	2.94E-04	2.66E-04	2.56E-04	4.08E-04	3.70E-04	9.07E-04	1.45E-03	1.31E-03
2100	387352.74, 3751584.85	3.824	6.084	5.523	1.81E-04	2.87E-04	2.61E-04	2.51E-04	3.99E-04	3.62E-04	8.89E-04	1.41E-03	1.28E-03
2101	387352.74, 3751609.85	3.752	5.949	5.411	1.77E-04	2.81E-04	2.56E-04	2.46E-04	3.90E-04	3.55E-04	8.72E-04	1.38E-03	1.26E-03
2102	387352.74, 3751634.85	3.671	5.811	5.276	1.73E-04	2.74E-04	2.49E-04	2.41E-04	3.81E-04	3.46E-04	8.54E-04	1.35E-03	1.23E-03
2103	387352.74, 3751659.85	3.593	5.674	5.14	1.70E-04	2.68E-04	2.43E-04	2.36E-04	3.72E-04	3.37E-04	8.35E-04	1.32E-03	1.20E-03
2104	387352.74, 3751684.85	3.515	5.532	5.016	1.66E-04	2.61E-04	2.37E-04	2.31E-04	3.63E-04	3.29E-04	8.17E-04	1.29E-03	1.17E-03
2105	387352.74, 3751709.85	3.428	5.381	4.891	1.62E-04	2.54E-04	2.31E-04	2.25E-04	3.53E-04	3.21E-04	7.97E-04	1.25E-03	1.14E-03
2106	387352.74, 3751734.85	3.338	5.221	4.755	1.58E-04	2.47E-04	2.25E-04	2.19E-04	3.43E-04	3.12E-04	7.76E-04	1.21E-03	1.11E-03
2107	387352.74, 3751759.85	3.242	5.051	4.608	1.53E-04	2.39E-04	2.18E-04	2.13E-04	3.31E-04	3.02E-04	7.54E-04	1.17E-03	1.07E-03
2108	387352.74, 3751784.85	3.135	4.878	4.463	1.48E-04	2.30E-04	2.11E-04	2.06E-04	3.20E-04	2.93E-04	7.29E-04	1.13E-03	1.04E-03
2109	387352.74, 3751809.85	3.018	4.704	4.284	1.43E-04	2.22E-04	2.02E-04	1.98E-04	3.09E-04	2.81E-04	7.02E-04	1.09E-03	9.96E-04
2110	387352.74, 3751834.85	2.889	4.513	4.098	1.36E-04	2.13E-04	1.94E-04	1.90E-04	2.96E-04	2.69E-04	6.72E-04	1.05E-03	9.53E-04
2111	387352.74, 3751859.85	2.756	4.334	3.917	1.30E-04	2.05E-04	1.85E-04	1.81E-04	2.84E-04	2.57E-04	6.41E-04	1.01E-03	9.11E-04
2112	387377.74, 3749834.85	16.83	30.32	27.44	7.95E-04	1.43E-03	1.30E-03	1.10E-03	1.99E-03	1.80E-03	3.91E-03	7.05E-03	6.38E-03
2113	387377.74, 3749859.85	17.08	29.88	27.06	8.06E-04	1.41E-03	1.28E-03	1.12E-03	1.96E-03	1.78E-03	3.97E-03	6.95E-03	6.29E-03
2114	387377.74, 3749884.85	15.76	27.35	24.93	7.44E-04	1.29E-03	1.18E-03	1.03E-03	1.79E-03	1.64E-03	3.66E-03	6.36E-03	5.80E-03
2115	387377.74, 3749909.85	15.1	26.18	23.78	7.13E-04	1.24E-03	1.12E-03	9.91E-04	1.72E-03	1.56E-03	3.51E-03	6.09E-03	5.53E-03
2116	387377.74, 3749934.85	14.69	24.96	22.75	6.94E-04	1.18E-03	1.07E-03	9.64E-04	1.64E-03	1.49E-03	3.41E-03	5.80E-03	5.29E-03
2117	387377.74, 3749959.85	13.52	23.08	21.02	6.38E-04	1.09E-03	9.93E-04	8.87E-04	1.51E-03	1.38E-03	3.14E-03	5.37E-03	4.89E-03
2118	387377.74, 3749984.85	12.86	21.8	19.85	6.07E-04	1.03E-03	9.37E-04	8.44E-04	1.43E-03	1.30E-03	2.99E-03	5.07E-03	4.61E-03
2119	387377.74, 3750009.85	12.75	21.25	19.44	6.02E-04	1.00E-03	9.18E-04	8.37E-04	1.39E-03	1.28E-03	2.96E-03	4.94E-03	4.52E-03
2120	387377.74, 3750034.85	12.31	20.65	18.79	5.81E-04	9.75E-04	8.88E-04	8.08E-04	1.35E-03	1.23E-03	2.86E-03	4.80E-03	4.37E-03
2121	387377.74, 3750059.85	12.13	20.04	18.36	5.73E-04	9.46E-04	8.67E-04	7.96E-04	1.31E-03	1.20E-03	2.82E-03	4.66E-03	4.27E-03
2122	387377.74, 3750084.85	11.59	19.05	17.48	5.47E-04	8.99E-04	8.25E-04	7.61E-04	1.25E-03	1.15E-03	2.69E-03	4.43E-03	4.06E-03
2123	387377.74, 3750109.85	11.11	18.24	16.71	5.24E-04	8.61E-04	7.89E-04	7.29E-04	1.20E-03	1.10E-03	2.58E-03	4.24E-03	3.89E-03
2124	387377.74, 3750134.85	10.82	17.63	16.18	5.11E-04	8.32E-04	7.64E-04	7.10E-04	1.16E-03	1.06E-03	2.52E-03	4.10E-03	3.76E-03
2125	387377.74, 3750159.85	10.33	16.92	15.49	4.88E-04	7.99E-04	7.32E-04	6.78E-04	1.11E-03	1.02E-03	2.40E-03	3.93E-03	3.60E-03
2126	387377.74, 3750184.85	10.09	16.43	15.08	4.77E-04	7.76E-04	7.12E-04	6.62E-04	1.08E-03	9.89E-04	2.35E-03	3.82E-03	3.50E-03
2127	387377.74, 3750209.85	9.872	16	14.69	4.66E-04	7.55E-04	6.94E-04	6.48E-04	1.05E-03	9.64E-04	2.30E-03	3.72E-03	3.41E-03

2128	387377.74, 3750234.85	9.603	15.55	14.26	4.54E-04	7.34E-04	6.73E-04	6.30E-04	1.02E-03	9.35E-04	2.23E-03	3.62E-03	3.31E-03
2129	387377.74, 3750259.85	9.269	15.05	13.78	4.38E-04	7.11E-04	6.51E-04	6.08E-04	9.88E-04	9.04E-04	2.15E-03	3.50E-03	3.20E-03
2130	387377.74, 3750284.85	9.083	14.7	13.46	4.29E-04	6.94E-04	6.36E-04	5.96E-04	9.64E-04	8.83E-04	2.11E-03	3.42E-03	3.13E-03
2131	387377.74, 3750309.85	8.858	14.29	13.09	4.18E-04	6.75E-04	6.18E-04	5.81E-04	9.37E-04	8.59E-04	2.06E-03	3.32E-03	3.04E-03
2132	387377.74, 3750334.85	8.633	13.9	12.74	4.08E-04	6.56E-04	6.01E-04	5.66E-04	9.12E-04	8.36E-04	2.01E-03	3.23E-03	2.96E-03
2133	387377.74, 3750359.85	8.391	13.54	12.37	3.96E-04	6.39E-04	5.84E-04	5.51E-04	8.88E-04	8.12E-04	1.95E-03	3.15E-03	2.88E-03
2134	387377.74, 3750384.85	8.159	13.16	12.05	3.85E-04	6.21E-04	5.69E-04	5.35E-04	8.63E-04	7.91E-04	1.90E-03	3.06E-03	2.80E-03
2135	387377.74, 3750409.85	7.921	12.81	11.7	3.74E-04	6.05E-04	5.53E-04	5.20E-04	8.40E-04	7.68E-04	1.84E-03	2.98E-03	2.72E-03
2136	387377.74, 3750434.85	7.771	12.56	11.45	3.67E-04	5.93E-04	5.41E-04	5.10E-04	8.24E-04	7.51E-04	1.81E-03	2.92E-03	2.66E-03
2137	387377.74, 3750459.85	7.604	12.26	11.2	3.59E-04	5.79E-04	5.29E-04	4.99E-04	8.04E-04	7.35E-04	1.77E-03	2.85E-03	2.60E-03
2138	387377.74, 3750484.85	7.453	12.01	10.96	3.52E-04	5.67E-04	5.17E-04	4.89E-04	7.88E-04	7.19E-04	1.73E-03	2.79E-03	2.55E-03
2139	387377.74, 3750509.85	7.228	11.7	10.65	3.41E-04	5.52E-04	5.03E-04	4.74E-04	7.67E-04	6.99E-04	1.68E-03	2.72E-03	2.48E-03
2140	387377.74, 3750534.85	7.014	11.39	10.37	3.31E-04	5.38E-04	4.90E-04	4.60E-04	7.47E-04	6.80E-04	1.63E-03	2.65E-03	2.41E-03
2141	387377.74, 3750559.85	6.885	11.18	10.16	3.25E-04	5.28E-04	4.80E-04	4.52E-04	7.33E-04	6.67E-04	1.60E-03	2.60E-03	2.36E-03
2142	387377.74, 3750584.85	6.752	10.95	9.96	3.19E-04	5.17E-04	4.70E-04	4.43E-04	7.19E-04	6.53E-04	1.57E-03	2.55E-03	2.32E-03
2143	387377.74, 3750609.85	6.696	10.8	9.826	3.16E-04	5.10E-04	4.64E-04	4.39E-04	7.09E-04	6.45E-04	1.56E-03	2.51E-03	2.28E-03
2144	387377.74, 3750634.85	6.587	10.61	9.645	3.11E-04	5.01E-04	4.56E-04	4.32E-04	6.96E-04	6.33E-04	1.53E-03	2.47E-03	2.24E-03
2145	387377.74, 3750659.85	6.47	10.41	9.466	3.06E-04	4.92E-04	4.47E-04	4.25E-04	6.83E-04	6.21E-04	1.50E-03	2.42E-03	2.20E-03
2146	387377.74, 3750684.85	6.363	10.23	9.297	3.00E-04	4.83E-04	4.39E-04	4.17E-04	6.71E-04	6.10E-04	1.48E-03	2.38E-03	2.16E-03
2147	387377.74, 3750709.85	6.241	10.04	9.113	2.95E-04	4.74E-04	4.30E-04	4.09E-04	6.59E-04	5.98E-04	1.45E-03	2.33E-03	2.12E-03
2148	387377.74, 3750734.85	6.148	9.877	8.969	2.90E-04	4.66E-04	4.24E-04	4.03E-04	6.48E-04	5.88E-04	1.43E-03	2.30E-03	2.09E-03
2149	387377.74, 3750759.85	6.021	9.676	8.789	2.84E-04	4.57E-04	4.15E-04	3.95E-04	6.35E-04	5.77E-04	1.40E-03	2.25E-03	2.04E-03
2150	387377.74, 3750784.85	5.919	9.507	8.638	2.80E-04	4.49E-04	4.08E-04	3.88E-04	6.24E-04	5.67E-04	1.38E-03	2.21E-03	2.01E-03
2151	387377.74, 3750809.85	5.813	9.347	8.488	2.75E-04	4.41E-04	4.01E-04	3.81E-04	6.13E-04	5.57E-04	1.35E-03	2.17E-03	1.97E-03
2152	387377.74, 3750834.85	5.704	9.192	8.328	2.69E-04	4.34E-04	3.93E-04	3.74E-04	6.03E-04	5.46E-04	1.33E-03	2.14E-03	1.94E-03
2153	387377.74, 3750859.85	5.588	9.023	8.157	2.64E-04	4.26E-04	3.85E-04	3.67E-04	5.92E-04	5.35E-04	1.30E-03	2.10E-03	1.90E-03
2154	387377.74, 3750884.85	5.49	8.854	8.005	2.59E-04	4.18E-04	3.78E-04	3.60E-04	5.81E-04	5.25E-04	1.28E-03	2.06E-03	1.86E-03
2155	387377.74, 3750909.85	5.371	8.669	7.859	2.54E-04	4.09E-04	3.71E-04	3.52E-04	5.69E-04	5.16E-04	1.25E-03	2.02E-03	1.83E-03
2156	387377.74, 3750934.85	5.281	8.533	7.729	2.49E-04	4.03E-04	3.65E-04	3.46E-04	5.60E-04	5.07E-04	1.23E-03	1.98E-03	1.80E-03
2157	387377.74, 3750959.85	5.195	8.402	7.605	2.45E-04	3.97E-04	3.59E-04	3.41E-04	5.51E-04	4.99E-04	1.21E-03	1.95E-03	1.77E-03
2158	387377.74, 3750984.85	5.132	8.295	7.497	2.42E-04	3.92E-04	3.54E-04	3.37E-04	5.44E-04	4.92E-04	1.19E-03	1.93E-03	1.74E-03
2159	387377.74, 3751009.85	5.06	8.172	7.378	2.39E-04	3.86E-04	3.48E-04	3.32E-04	5.36E-04	4.84E-04	1.18E-03	1.90E-03	1.72E-03
2160	387377.74, 3751034.85	4.954	8.016	7.244	2.34E-04	3.79E-04	3.42E-04	3.25E-04	5.26E-04	4.75E-04	1.15E-03	1.86E-03	1.68E-03
2161	387377.74, 3751059.85	4.887	7.89	7.139	2.31E-04	3.73E-04	3.37E-04	3.21E-04	5.18E-04	4.68E-04	1.14E-03	1.83E-03	1.66E-03
2162	387377.74, 3751084.85	4.822	7.777	7.041	2.28E-04	3.67E-04	3.33E-04	3.16E-04	5.10E-04	4.62E-04	1.12E-03	1.81E-03	1.64E-03
2163	387377.74, 3751109.85	4.732	7.654	6.924	2.23E-04	3.61E-04	3.27E-04	3.10E-04	5.02E-04	4.54E-04	1.10E-03	1.78E-03	1.61E-03
2164	387377.74, 3751134.85	4.665	7.544	6.818	2.20E-04	3.56E-04	3.22E-04	3.06E-04	4.95E-04	4.47E-04	1.08E-03	1.75E-03	1.59E-03
2165	387377.74, 3751159.85	4.591	7.428	6.709	2.17E-04	3.51E-04	3.17E-04	3.01E-04	4.87E-04	4.40E-04	1.07E-03	1.73E-03	1.56E-03
2166	387377.74, 3751184.85	4.531	7.316	6.609	2.14E-04	3.45E-04	3.12E-04	2.97E-04	4.80E-04	4.34E-04	1.05E-03	1.70E-03	1.54E-03
2167	387377.74, 3751209.85	4.454	7.195	6.498	2.10E-04	3.40E-04	3.07E-04	2.92E-04	4.72E-04	4.26E-04	1.04E-03	1.67E-03	1.51E-03
2168	387377.74, 3751234.85	4.386	7.079	6.394	2.07E-04	3.34E-04	3.02E-04	2.88E-04	4.64E-04	4.20E-04	1.02E-03	1.65E-03	1.49E-03

2169	387377.74, 3751259.85	4.32	6.963	6.293	2.04E-04	3.29E-04	2.97E-04	2.83E-04	4.57E-04	4.13E-04	1.00E-03	1.62E-03	1.46E-03
2170	387377.74, 3751284.85	4.256	6.846	6.194	2.01E-04	3.23E-04	2.93E-04	2.79E-04	4.49E-04	4.06E-04	9.90E-04	1.59E-03	1.44E-03
2171	387377.74, 3751309.85	4.19	6.73	6.095	1.98E-04	3.18E-04	2.88E-04	2.75E-04	4.42E-04	4.00E-04	9.74E-04	1.56E-03	1.42E-03
2172	387377.74, 3751334.85	4.123	6.62	5.998	1.95E-04	3.13E-04	2.83E-04	2.71E-04	4.34E-04	3.94E-04	9.58E-04	1.54E-03	1.39E-03
2173	387377.74, 3751359.85	4.058	6.517	5.899	1.92E-04	3.08E-04	2.79E-04	2.66E-04	4.28E-04	3.87E-04	9.44E-04	1.52E-03	1.37E-03
2174	387377.74, 3751384.85	3.996	6.417	5.806	1.89E-04	3.03E-04	2.74E-04	2.62E-04	4.21E-04	3.81E-04	9.29E-04	1.49E-03	1.35E-03
2175	387377.74, 3751409.85	3.934	6.314	5.711	1.86E-04	2.98E-04	2.70E-04	2.58E-04	4.14E-04	3.75E-04	9.15E-04	1.47E-03	1.33E-03
2176	387377.74, 3751434.85	3.871	6.207	5.616	1.83E-04	2.93E-04	2.65E-04	2.54E-04	4.07E-04	3.68E-04	9.00E-04	1.44E-03	1.31E-03
2177	387377.74, 3751459.85	3.804	6.095	5.513	1.80E-04	2.88E-04	2.60E-04	2.50E-04	4.00E-04	3.62E-04	8.84E-04	1.42E-03	1.28E-03
2178	387377.74, 3751484.85	3.737	5.983	5.412	1.77E-04	2.83E-04	2.56E-04	2.45E-04	3.93E-04	3.55E-04	8.69E-04	1.39E-03	1.26E-03
2179	387377.74, 3751509.85	3.669	5.869	5.31	1.73E-04	2.77E-04	2.51E-04	2.41E-04	3.85E-04	3.48E-04	8.53E-04	1.36E-03	1.23E-03
2180	387377.74, 3751534.85	3.603	5.751	5.209	1.70E-04	2.72E-04	2.46E-04	2.36E-04	3.77E-04	3.42E-04	8.38E-04	1.34E-03	1.21E-03
2181	387377.74, 3751559.85	3.536	5.629	5.107	1.67E-04	2.66E-04	2.41E-04	2.32E-04	3.69E-04	3.35E-04	8.22E-04	1.31E-03	1.19E-03
2182	387377.74, 3751584.85	3.467	5.506	5.001	1.64E-04	2.60E-04	2.36E-04	2.27E-04	3.61E-04	3.28E-04	8.06E-04	1.28E-03	1.16E-03
2183	387377.74, 3751609.85	3.4	5.384	4.894	1.61E-04	2.54E-04	2.31E-04	2.23E-04	3.53E-04	3.21E-04	7.91E-04	1.25E-03	1.14E-03
2184	387377.74, 3751634.85	3.334	5.264	4.781	1.57E-04	2.49E-04	2.26E-04	2.19E-04	3.45E-04	3.14E-04	7.75E-04	1.22E-03	1.11E-03
2185	387377.74, 3751659.85	3.263	5.141	4.669	1.54E-04	2.43E-04	2.21E-04	2.14E-04	3.37E-04	3.06E-04	7.59E-04	1.20E-03	1.09E-03
2186	387377.74, 3751684.85	3.192	5.015	4.556	1.51E-04	2.37E-04	2.15E-04	2.09E-04	3.29E-04	2.99E-04	7.42E-04	1.17E-03	1.06E-03
2187	387377.74, 3751709.85	3.116	4.883	4.443	1.47E-04	2.31E-04	2.10E-04	2.04E-04	3.20E-04	2.92E-04	7.24E-04	1.14E-03	1.03E-03
2188	387377.74, 3751734.85	3.035	4.742	4.328	1.43E-04	2.24E-04	2.04E-04	1.99E-04	3.11E-04	2.84E-04	7.06E-04	1.10E-03	1.01E-03
2189	387377.74, 3751759.85	2.949	4.602	4.207	1.39E-04	2.17E-04	1.99E-04	1.93E-04	3.02E-04	2.76E-04	6.86E-04	1.07E-03	9.78E-04
2190	387377.74, 3751784.85	2.854	4.462	4.059	1.35E-04	2.11E-04	1.92E-04	1.87E-04	2.93E-04	2.66E-04	6.64E-04	1.04E-03	9.44E-04
2191	387402.74, 3749609.85	20.97	36.73	33.28	9.90E-04	1.73E-03	1.57E-03	1.38E-03	2.41E-03	2.18E-03	4.87E-03	8.54E-03	7.74E-03
2192	387402.74, 3749634.85	18.71	32.7	29.76	8.83E-04	1.54E-03	1.41E-03	1.23E-03	2.15E-03	1.95E-03	4.35E-03	7.60E-03	6.92E-03
2193	387402.74, 3749659.85	18.42	31.86	28.88	8.70E-04	1.50E-03	1.36E-03	1.21E-03	2.09E-03	1.90E-03	4.28E-03	7.41E-03	6.71E-03
2194	387402.74, 3749684.85	16.73	28.44	26.02	7.90E-04	1.34E-03	1.23E-03	1.10E-03	1.87E-03	1.71E-03	3.89E-03	6.61E-03	6.05E-03
2195	387402.74, 3749709.85	15.27	26.07	23.75	7.21E-04	1.23E-03	1.12E-03	1.00E-03	1.71E-03	1.56E-03	3.55E-03	6.06E-03	5.52E-03
2196	387402.74, 3749734.85	14.67	24.72	22.58	6.93E-04	1.17E-03	1.07E-03	9.63E-04	1.62E-03	1.48E-03	3.41E-03	5.75E-03	5.25E-03
2197	387402.74, 3749759.85	13.69	23.12	21.08	6.47E-04	1.09E-03	9.95E-04	8.98E-04	1.52E-03	1.38E-03	3.18E-03	5.38E-03	4.90E-03
2198	387402.74, 3749784.85	13.15	22.08	20.12	6.21E-04	1.04E-03	9.50E-04	8.63E-04	1.45E-03	1.32E-03	3.06E-03	5.13E-03	4.68E-03
2199	387402.74, 3749809.85	12.69	21.03	19.31	6.00E-04	9.93E-04	9.12E-04	8.33E-04	1.38E-03	1.27E-03	2.95E-03	4.89E-03	4.49E-03
2200	387402.74, 3749834.85	11.95	19.97	18.22	5.64E-04	9.43E-04	8.60E-04	7.84E-04	1.31E-03	1.20E-03	2.78E-03	4.64E-03	4.23E-03
2201	387402.74, 3749859.85	11.58	19.21	17.57	5.47E-04	9.07E-04	8.30E-04	7.60E-04	1.26E-03	1.15E-03	2.69E-03	4.47E-03	4.08E-03
2202	387402.74, 3749884.85	11.33	18.61	17.07	5.35E-04	8.79E-04	8.06E-04	7.43E-04	1.22E-03	1.12E-03	2.63E-03	4.33E-03	3.97E-03
2203	387402.74, 3749909.85	10.75	17.8	16.24	5.08E-04	8.41E-04	7.67E-04	7.06E-04	1.17E-03	1.07E-03	2.50E-03	4.14E-03	3.77E-03
2204	387402.74, 3749934.85	10.43	17.1	15.7	4.93E-04	8.08E-04	7.41E-04	6.84E-04	1.12E-03	1.03E-03	2.42E-03	3.98E-03	3.65E-03
2205	387402.74, 3749959.85	9.927	16.36	14.98	4.69E-04	7.73E-04	7.07E-04	6.51E-04	1.07E-03	9.83E-04	2.31E-03	3.80E-03	3.48E-03
2206	387402.74, 3749984.85	9.768	16.01	14.63	4.61E-04	7.56E-04	6.91E-04	6.41E-04	1.05E-03	9.60E-04	2.27E-03	3.72E-03	3.40E-03
2207	387402.74, 3750009.85	9.703	15.71	14.4	4.58E-04	7.42E-04	6.80E-04	6.37E-04	1.03E-03	9.45E-04	2.26E-03	3.65E-03	3.35E-03
2208	387402.74, 3750034.85	9.402	15.26	13.96	4.44E-04	7.21E-04	6.59E-04	6.17E-04	1.00E-03	9.16E-04	2.19E-03	3.55E-03	3.25E-03
2209	387402.74, 3750059.85	9.283	14.96	13.73	4.38E-04	7.07E-04	6.48E-04	6.09E-04	9.82E-04	9.01E-04	2.16E-03	3.48E-03	3.19E-03

2210	387402.74, 3750084.85	9.026	14.51	13.32	4.26E-04	6.85E-04	6.29E-04	5.92E-04	9.52E-04	8.74E-04	2.10E-03	3.37E-03	3.10E-03
2211	387402.74, 3750109.85	8.815	14.17	12.97	4.16E-04	6.69E-04	6.12E-04	5.78E-04	9.30E-04	8.51E-04	2.05E-03	3.30E-03	3.01E-03
2212	387402.74, 3750134.85	8.567	13.78	12.63	4.05E-04	6.51E-04	5.97E-04	5.62E-04	9.04E-04	8.29E-04	1.99E-03	3.20E-03	2.94E-03
2213	387402.74, 3750159.85	8.382	13.46	12.32	3.96E-04	6.36E-04	5.82E-04	5.50E-04	8.83E-04	8.09E-04	1.95E-03	3.13E-03	2.86E-03
2214	387402.74, 3750184.85	8.161	13.09	12	3.85E-04	6.18E-04	5.67E-04	5.35E-04	8.59E-04	7.87E-04	1.90E-03	3.04E-03	2.79E-03
2215	387402.74, 3750209.85	7.952	12.77	11.7	3.76E-04	6.03E-04	5.52E-04	5.22E-04	8.38E-04	7.68E-04	1.85E-03	2.97E-03	2.72E-03
2216	387402.74, 3750234.85	7.777	12.5	11.41	3.67E-04	5.90E-04	5.39E-04	5.10E-04	8.20E-04	7.49E-04	1.81E-03	2.91E-03	2.65E-03
2217	387402.74, 3750259.85	7.582	12.19	11.15	3.58E-04	5.76E-04	5.26E-04	4.97E-04	8.00E-04	7.31E-04	1.76E-03	2.83E-03	2.59E-03
2218	387402.74, 3750284.85	7.412	11.92	10.91	3.50E-04	5.63E-04	5.15E-04	4.86E-04	7.82E-04	7.16E-04	1.72E-03	2.77E-03	2.54E-03
2219	387402.74, 3750309.85	7.274	11.67	10.67	3.44E-04	5.51E-04	5.04E-04	4.77E-04	7.66E-04	7.00E-04	1.69E-03	2.71E-03	2.48E-03
2220	387402.74, 3750334.85	7.112	11.43	10.43	3.36E-04	5.40E-04	4.93E-04	4.67E-04	7.50E-04	6.84E-04	1.65E-03	2.66E-03	2.42E-03
2221	387402.74, 3750359.85	6.984	11.22	10.22	3.30E-04	5.30E-04	4.83E-04	4.58E-04	7.36E-04	6.71E-04	1.62E-03	2.61E-03	2.38E-03
2222	387402.74, 3750384.85	6.823	10.97	9.992	3.22E-04	5.18E-04	4.72E-04	4.48E-04	7.20E-04	6.56E-04	1.59E-03	2.55E-03	2.32E-03
2223	387402.74, 3750409.85	6.635	10.71	9.754	3.13E-04	5.06E-04	4.61E-04	4.35E-04	7.03E-04	6.40E-04	1.54E-03	2.49E-03	2.27E-03
2224	387402.74, 3750434.85	6.518	10.53	9.571	3.08E-04	4.97E-04	4.52E-04	4.28E-04	6.91E-04	6.28E-04	1.52E-03	2.45E-03	2.23E-03
2225	387402.74, 3750459.85	6.441	10.36	9.421	3.04E-04	4.89E-04	4.45E-04	4.23E-04	6.80E-04	6.18E-04	1.50E-03	2.41E-03	2.19E-03
2226	387402.74, 3750484.85	6.325	10.18	9.252	2.99E-04	4.81E-04	4.37E-04	4.15E-04	6.68E-04	6.07E-04	1.47E-03	2.37E-03	2.15E-03
2227	387402.74, 3750509.85	6.188	9.987	9.067	2.92E-04	4.72E-04	4.28E-04	4.06E-04	6.55E-04	5.95E-04	1.44E-03	2.32E-03	2.11E-03
2228	387402.74, 3750534.85	6.02	9.766	8.858	2.84E-04	4.61E-04	4.18E-04	3.95E-04	6.41E-04	5.81E-04	1.40E-03	2.27E-03	2.06E-03
2229	387402.74, 3750559.85	5.914	9.598	8.702	2.79E-04	4.53E-04	4.11E-04	3.88E-04	6.30E-04	5.71E-04	1.37E-03	2.23E-03	2.02E-03
2230	387402.74, 3750584.85	5.806	9.428	8.547	2.74E-04	4.45E-04	4.04E-04	3.81E-04	6.19E-04	5.61E-04	1.35E-03	2.19E-03	1.99E-03
2231	387402.74, 3750609.85	5.779	9.314	8.45	2.73E-04	4.40E-04	3.99E-04	3.79E-04	6.11E-04	5.54E-04	1.34E-03	2.17E-03	1.96E-03
2232	387402.74, 3750634.85	5.689	9.16	8.306	2.69E-04	4.33E-04	3.92E-04	3.73E-04	6.01E-04	5.45E-04	1.32E-03	2.13E-03	1.93E-03
2233	387402.74, 3750659.85	5.602	9.017	8.17	2.65E-04	4.26E-04	3.86E-04	3.68E-04	5.92E-04	5.36E-04	1.30E-03	2.10E-03	1.90E-03
2234	387402.74, 3750684.85	5.512	8.86	8.035	2.60E-04	4.18E-04	3.79E-04	3.62E-04	5.81E-04	5.27E-04	1.28E-03	2.06E-03	1.87E-03
2235	387402.74, 3750709.85	5.424	8.724	7.907	2.56E-04	4.12E-04	3.73E-04	3.56E-04	5.72E-04	5.19E-04	1.26E-03	2.03E-03	1.84E-03
2236	387402.74, 3750734.85	5.336	8.583	7.778	2.52E-04	4.05E-04	3.67E-04	3.50E-04	5.63E-04	5.10E-04	1.24E-03	2.00E-03	1.81E-03
2237	387402.74, 3750759.85	5.27	8.467	7.676	2.49E-04	4.00E-04	3.63E-04	3.46E-04	5.56E-04	5.04E-04	1.23E-03	1.97E-03	1.78E-03
2238	387402.74, 3750784.85	5.181	8.33	7.55	2.45E-04	3.93E-04	3.57E-04	3.40E-04	5.47E-04	4.95E-04	1.20E-03	1.94E-03	1.76E-03
2239	387402.74, 3750809.85	5.101	8.208	7.434	2.41E-04	3.88E-04	3.51E-04	3.35E-04	5.39E-04	4.88E-04	1.19E-03	1.91E-03	1.73E-03
2240	387402.74, 3750834.85	5.019	8.089	7.312	2.37E-04	3.82E-04	3.45E-04	3.29E-04	5.31E-04	4.80E-04	1.17E-03	1.88E-03	1.70E-03
2241	387402.74, 3750859.85	4.931	7.962	7.187	2.33E-04	3.76E-04	3.39E-04	3.24E-04	5.22E-04	4.72E-04	1.15E-03	1.85E-03	1.67E-03
2242	387402.74, 3750884.85	4.855	7.831	7.076	2.29E-04	3.70E-04	3.34E-04	3.19E-04	5.14E-04	4.64E-04	1.13E-03	1.82E-03	1.65E-03
2243	387402.74, 3750909.85	4.758	7.685	6.946	2.25E-04	3.63E-04	3.28E-04	3.12E-04	5.04E-04	4.56E-04	1.11E-03	1.79E-03	1.61E-03
2244	387402.74, 3750934.85	4.68	7.564	6.839	2.21E-04	3.57E-04	3.23E-04	3.07E-04	4.96E-04	4.49E-04	1.09E-03	1.76E-03	1.59E-03
2245	387402.74, 3750959.85	4.609	7.463	6.746	2.18E-04	3.52E-04	3.19E-04	3.02E-04	4.90E-04	4.43E-04	1.07E-03	1.74E-03	1.57E-03
2246	387402.74, 3750984.85	4.567	7.381	6.667	2.16E-04	3.49E-04	3.15E-04	3.00E-04	4.84E-04	4.37E-04	1.06E-03	1.72E-03	1.55E-03
2247	387402.74, 3751009.85	4.489	7.278	6.56	2.12E-04	3.44E-04	3.10E-04	2.95E-04	4.78E-04	4.30E-04	1.04E-03	1.69E-03	1.53E-03
2248	387402.74, 3751034.85	4.429	7.167	6.468	2.09E-04	3.38E-04	3.05E-04	2.91E-04	4.70E-04	4.24E-04	1.03E-03	1.67E-03	1.50E-03
2249	387402.74, 3751059.85	4.371	7.062	6.384	2.06E-04	3.34E-04	3.01E-04	2.87E-04	4.63E-04	4.19E-04	1.02E-03	1.64E-03	1.48E-03
2250	387402.74, 3751084.85	4.321	6.967	6.303	2.04E-04	3.29E-04	2.98E-04	2.84E-04	4.57E-04	4.14E-04	1.00E-03	1.62E-03	1.47E-03

2251	387402.74, 3751109.85	4.243	6.866	6.206	2.00E-04	3.24E-04	2.93E-04	2.78E-04	4.51E-04	4.07E-04	9.86E-04	1.60E-03	1.44E-03
2252	387402.74, 3751134.85	4.191	6.777	6.122	1.98E-04	3.20E-04	2.89E-04	2.75E-04	4.45E-04	4.02E-04	9.74E-04	1.58E-03	1.42E-03
2253	387402.74, 3751159.85	4.132	6.683	6.033	1.95E-04	3.16E-04	2.85E-04	2.71E-04	4.39E-04	3.96E-04	9.61E-04	1.55E-03	1.40E-03
2254	387402.74, 3751184.85	4.076	6.588	5.945	1.92E-04	3.11E-04	2.81E-04	2.67E-04	4.32E-04	3.90E-04	9.48E-04	1.53E-03	1.38E-03
2255	387402.74, 3751209.85	4.019	6.491	5.857	1.90E-04	3.07E-04	2.77E-04	2.64E-04	4.26E-04	3.84E-04	9.34E-04	1.51E-03	1.36E-03
2256	387402.74, 3751234.85	3.96	6.392	5.77	1.87E-04	3.02E-04	2.73E-04	2.60E-04	4.19E-04	3.79E-04	9.21E-04	1.49E-03	1.34E-03
2257	387402.74, 3751259.85	3.908	6.293	5.686	1.85E-04	2.97E-04	2.69E-04	2.56E-04	4.13E-04	3.73E-04	9.09E-04	1.46E-03	1.32E-03
2258	387402.74, 3751284.85	3.855	6.194	5.6	1.82E-04	2.93E-04	2.64E-04	2.53E-04	4.06E-04	3.67E-04	8.96E-04	1.44E-03	1.30E-03
2259	387402.74, 3751309.85	3.789	6.092	5.508	1.79E-04	2.88E-04	2.60E-04	2.49E-04	4.00E-04	3.61E-04	8.81E-04	1.42E-03	1.28E-03
2260	387402.74, 3751334.85	3.733	5.996	5.422	1.76E-04	2.83E-04	2.56E-04	2.45E-04	3.93E-04	3.56E-04	8.68E-04	1.39E-03	1.26E-03
2261	387402.74, 3751359.85	3.68	5.906	5.34	1.74E-04	2.79E-04	2.52E-04	2.41E-04	3.88E-04	3.50E-04	8.55E-04	1.37E-03	1.24E-03
2262	387402.74, 3751384.85	3.622	5.819	5.262	1.71E-04	2.75E-04	2.48E-04	2.38E-04	3.82E-04	3.45E-04	8.42E-04	1.35E-03	1.22E-03
2263	387402.74, 3751409.85	3.571	5.731	5.187	1.69E-04	2.71E-04	2.45E-04	2.34E-04	3.76E-04	3.40E-04	8.30E-04	1.33E-03	1.21E-03
2264	387402.74, 3751434.85	3.513	5.637	5.096	1.66E-04	2.66E-04	2.41E-04	2.31E-04	3.70E-04	3.34E-04	8.17E-04	1.31E-03	1.18E-03
2265	387402.74, 3751459.85	3.455	5.543	5.003	1.63E-04	2.62E-04	2.36E-04	2.27E-04	3.64E-04	3.28E-04	8.03E-04	1.29E-03	1.16E-03
2266	387402.74, 3751484.85	3.396	5.446	4.915	1.60E-04	2.57E-04	2.32E-04	2.23E-04	3.57E-04	3.22E-04	7.90E-04	1.27E-03	1.14E-03
2267	387402.74, 3751509.85	3.337	5.344	4.827	1.58E-04	2.52E-04	2.28E-04	2.19E-04	3.51E-04	3.17E-04	7.76E-04	1.24E-03	1.12E-03
2268	387402.74, 3751534.85	3.282	5.242	4.742	1.55E-04	2.48E-04	2.24E-04	2.15E-04	3.44E-04	3.11E-04	7.63E-04	1.22E-03	1.10E-03
2269	387402.74, 3751559.85	3.224	5.134	4.654	1.52E-04	2.42E-04	2.20E-04	2.12E-04	3.37E-04	3.05E-04	7.49E-04	1.19E-03	1.08E-03
2270	387402.74, 3751584.85	3.166	5.035	4.562	1.50E-04	2.38E-04	2.15E-04	2.08E-04	3.30E-04	2.99E-04	7.36E-04	1.17E-03	1.06E-03
2271	387402.74, 3751609.85	3.1	4.914	4.462	1.46E-04	2.32E-04	2.11E-04	2.03E-04	3.22E-04	2.93E-04	7.21E-04	1.14E-03	1.04E-03
2272	387427.74, 3749409.85	22.88	39.63	35.81	1.08E-03	1.87E-03	1.69E-03	1.50E-03	2.60E-03	2.35E-03	5.32E-03	9.21E-03	8.33E-03
2273	387427.74, 3749434.85	20.48	34.76	31.77	9.67E-04	1.64E-03	1.50E-03	1.34E-03	2.28E-03	2.08E-03	4.76E-03	8.08E-03	7.39E-03
2274	387427.74, 3749459.85	19.11	32.46	29.61	9.03E-04	1.53E-03	1.40E-03	1.25E-03	2.13E-03	1.94E-03	4.44E-03	7.55E-03	6.88E-03
2275	387427.74, 3749484.85	17.72	29.65	27.15	8.37E-04	1.40E-03	1.28E-03	1.16E-03	1.95E-03	1.78E-03	4.12E-03	6.89E-03	6.31E-03
2276	387427.74, 3749509.85	16.3	27.16	24.85	7.70E-04	1.28E-03	1.17E-03	1.07E-03	1.78E-03	1.63E-03	3.79E-03	6.31E-03	5.78E-03
2277	387427.74, 3749534.85	15.42	25.68	23.55	7.28E-04	1.21E-03	1.11E-03	1.01E-03	1.69E-03	1.54E-03	3.59E-03	5.97E-03	5.47E-03
2278	387427.74, 3749559.85	14.67	24.13	22.14	6.93E-04	1.14E-03	1.05E-03	9.62E-04	1.58E-03	1.45E-03	3.41E-03	5.61E-03	5.15E-03
2279	387427.74, 3749584.85	13.87	22.92	20.97	6.55E-04	1.08E-03	9.90E-04	9.10E-04	1.50E-03	1.38E-03	3.23E-03	5.33E-03	4.88E-03
2280	387427.74, 3749609.85	13.3	21.83	20.02	6.28E-04	1.03E-03	9.45E-04	8.73E-04	1.43E-03	1.31E-03	3.09E-03	5.07E-03	4.65E-03
2281	387427.74, 3749634.85	12.61	20.58	18.88	5.95E-04	9.72E-04	8.92E-04	8.27E-04	1.35E-03	1.24E-03	2.93E-03	4.78E-03	4.39E-03
2282	387427.74, 3749659.85	12.13	19.76	18.14	5.73E-04	9.33E-04	8.57E-04	7.96E-04	1.30E-03	1.19E-03	2.82E-03	4.59E-03	4.22E-03
2283	387427.74, 3749684.85	11.54	18.76	17.3	5.45E-04	8.86E-04	8.17E-04	7.57E-04	1.23E-03	1.14E-03	2.68E-03	4.36E-03	4.02E-03
2284	387427.74, 3749709.85	11.01	17.93	16.47	5.20E-04	8.47E-04	7.78E-04	7.23E-04	1.18E-03	1.08E-03	2.56E-03	4.17E-03	3.83E-03
2285	387427.74, 3749734.85	10.59	17.2	15.82	5.00E-04	8.12E-04	7.47E-04	6.95E-04	1.13E-03	1.04E-03	2.46E-03	4.00E-03	3.68E-03
2286	387427.74, 3749759.85	10.19	16.57	15.2	4.81E-04	7.82E-04	7.18E-04	6.69E-04	1.09E-03	9.98E-04	2.37E-03	3.85E-03	3.53E-03
2287	387427.74, 3749784.85	9.856	16	14.67	4.65E-04	7.56E-04	6.93E-04	6.47E-04	1.05E-03	9.63E-04	2.29E-03	3.72E-03	3.41E-03
2288	387427.74, 3749809.85	9.575	15.52	14.25	4.52E-04	7.33E-04	6.73E-04	6.28E-04	1.02E-03	9.35E-04	2.23E-03	3.61E-03	3.31E-03
2289	387427.74, 3749834.85	9.233	14.99	13.72	4.36E-04	7.08E-04	6.48E-04	6.06E-04	9.84E-04	9.00E-04	2.15E-03	3.49E-03	3.19E-03
2290	387427.74, 3749859.85	9.014	14.6	13.36	4.26E-04	6.89E-04	6.31E-04	5.91E-04	9.58E-04	8.77E-04	2.10E-03	3.39E-03	3.11E-03
2291	387427.74, 3749884.85	8.852	14.27	13.06	4.18E-04	6.74E-04	6.17E-04	5.81E-04	9.36E-04	8.57E-04	2.06E-03	3.32E-03	3.04E-03

2292	387427.74, 3749909.85	8.582	13.86	12.67	4.05E-04	6.55E-04	5.98E-04	5.63E-04	9.10E-04	8.31E-04	2.00E-03	3.22E-03	2.94E-03
2293	387427.74, 3749934.85	8.276	13.39	12.25	3.91E-04	6.32E-04	5.78E-04	5.43E-04	8.79E-04	8.04E-04	1.92E-03	3.11E-03	2.85E-03
2294	387427.74, 3749959.85	8.202	13.2	12.07	3.87E-04	6.24E-04	5.70E-04	5.38E-04	8.66E-04	7.92E-04	1.91E-03	3.07E-03	2.81E-03
2295	387427.74, 3749984.85	8.057	12.96	11.81	3.80E-04	6.12E-04	5.58E-04	5.29E-04	8.50E-04	7.75E-04	1.87E-03	3.01E-03	2.74E-03
2296	387427.74, 3750009.85	7.854	12.63	11.52	3.71E-04	5.97E-04	5.44E-04	5.15E-04	8.29E-04	7.56E-04	1.83E-03	2.94E-03	2.68E-03
2297	387427.74, 3750034.85	7.638	12.3	11.21	3.61E-04	5.81E-04	5.30E-04	5.01E-04	8.07E-04	7.36E-04	1.78E-03	2.86E-03	2.61E-03
2298	387427.74, 3750059.85	7.503	12.04	11.02	3.54E-04	5.68E-04	5.20E-04	4.92E-04	7.90E-04	7.23E-04	1.74E-03	2.80E-03	2.56E-03
2299	387427.74, 3750084.85	7.325	11.77	10.75	3.46E-04	5.56E-04	5.08E-04	4.81E-04	7.72E-04	7.06E-04	1.70E-03	2.74E-03	2.50E-03
2300	387427.74, 3750109.85	7.232	11.6	10.57	3.42E-04	5.48E-04	4.99E-04	4.75E-04	7.61E-04	6.93E-04	1.68E-03	2.70E-03	2.46E-03
2301	387427.74, 3750134.85	7.097	11.38	10.35	3.35E-04	5.37E-04	4.89E-04	4.66E-04	7.47E-04	6.79E-04	1.65E-03	2.65E-03	2.41E-03
2302	387427.74, 3750159.85	6.955	11.15	10.14	3.28E-04	5.26E-04	4.79E-04	4.56E-04	7.31E-04	6.66E-04	1.62E-03	2.59E-03	2.36E-03
2303	387427.74, 3750184.85	6.806	10.91	9.935	3.21E-04	5.15E-04	4.69E-04	4.47E-04	7.16E-04	6.52E-04	1.58E-03	2.54E-03	2.31E-03
2304	387427.74, 3750209.85	6.641	10.67	9.709	3.14E-04	5.04E-04	4.59E-04	4.36E-04	7.00E-04	6.37E-04	1.54E-03	2.48E-03	2.26E-03
2305	387427.74, 3750234.85	6.499	10.46	9.507	3.07E-04	4.94E-04	4.49E-04	4.26E-04	6.86E-04	6.24E-04	1.51E-03	2.43E-03	2.21E-03
2306	387427.74, 3750259.85	6.38	10.26	9.338	3.01E-04	4.85E-04	4.41E-04	4.19E-04	6.74E-04	6.13E-04	1.48E-03	2.39E-03	2.17E-03
2307	387427.74, 3750284.85	6.254	10.07	9.161	2.95E-04	4.75E-04	4.33E-04	4.10E-04	6.60E-04	6.01E-04	1.45E-03	2.34E-03	2.13E-03
2308	387427.74, 3750309.85	6.155	9.896	9.006	2.91E-04	4.67E-04	4.25E-04	4.04E-04	6.49E-04	5.91E-04	1.43E-03	2.30E-03	2.09E-03
2309	387427.74, 3750334.85	6.052	9.734	8.851	2.86E-04	4.60E-04	4.18E-04	3.97E-04	6.39E-04	5.81E-04	1.41E-03	2.26E-03	2.06E-03
2310	387427.74, 3750359.85	5.961	9.585	8.702	2.82E-04	4.53E-04	4.11E-04	3.91E-04	6.29E-04	5.71E-04	1.39E-03	2.23E-03	2.02E-03
2311	387427.74, 3750384.85	5.849	9.414	8.546	2.76E-04	4.45E-04	4.04E-04	3.84E-04	6.18E-04	5.61E-04	1.36E-03	2.19E-03	1.99E-03
2312	387427.74, 3750409.85	5.749	9.26	8.407	2.71E-04	4.37E-04	3.97E-04	3.77E-04	6.08E-04	5.52E-04	1.34E-03	2.15E-03	1.95E-03
2313	387427.74, 3750434.85	5.658	9.118	8.267	2.67E-04	4.31E-04	3.90E-04	3.71E-04	5.98E-04	5.42E-04	1.32E-03	2.12E-03	1.92E-03
2314	387427.74, 3750459.85	5.581	8.981	8.143	2.64E-04	4.24E-04	3.85E-04	3.66E-04	5.89E-04	5.34E-04	1.30E-03	2.09E-03	1.89E-03
2315	387427.74, 3750484.85	5.498	8.847	8.02	2.60E-04	4.18E-04	3.79E-04	3.61E-04	5.80E-04	5.26E-04	1.28E-03	2.06E-03	1.86E-03
2316	387427.74, 3750509.85	5.42	8.729	7.906	2.56E-04	4.12E-04	3.73E-04	3.56E-04	5.73E-04	5.19E-04	1.26E-03	2.03E-03	1.84E-03
2317	387427.74, 3750534.85	5.334	8.593	7.78	2.52E-04	4.06E-04	3.67E-04	3.50E-04	5.64E-04	5.10E-04	1.24E-03	2.00E-03	1.81E-03
2318	387427.74, 3750559.85	5.268	8.47	7.671	2.49E-04	4.00E-04	3.62E-04	3.46E-04	5.56E-04	5.03E-04	1.22E-03	1.97E-03	1.78E-03
2319	387427.74, 3750584.85	5.167	8.325	7.54	2.44E-04	3.93E-04	3.56E-04	3.39E-04	5.46E-04	4.95E-04	1.20E-03	1.94E-03	1.75E-03
2320	387427.74, 3750609.85	5.088	8.188	7.417	2.40E-04	3.87E-04	3.50E-04	3.34E-04	5.37E-04	4.87E-04	1.18E-03	1.90E-03	1.72E-03
2321	387427.74, 3750634.85	5.018	8.069	7.306	2.37E-04	3.81E-04	3.45E-04	3.29E-04	5.29E-04	4.79E-04	1.17E-03	1.88E-03	1.70E-03
2322	387427.74, 3750659.85	4.934	7.934	7.19	2.33E-04	3.75E-04	3.40E-04	3.24E-04	5.21E-04	4.72E-04	1.15E-03	1.84E-03	1.67E-03
2323	387427.74, 3750684.85	4.864	7.822	7.091	2.30E-04	3.69E-04	3.35E-04	3.19E-04	5.13E-04	4.65E-04	1.13E-03	1.82E-03	1.65E-03
2324	387427.74, 3750709.85	4.806	7.733	6.993	2.27E-04	3.65E-04	3.30E-04	3.15E-04	5.07E-04	4.59E-04	1.12E-03	1.80E-03	1.63E-03
2325	387427.74, 3750734.85	4.731	7.616	6.888	2.23E-04	3.60E-04	3.25E-04	3.10E-04	5.00E-04	4.52E-04	1.10E-03	1.77E-03	1.60E-03
2326	387427.74, 3750759.85	4.673	7.517	6.807	2.21E-04	3.55E-04	3.21E-04	3.07E-04	4.93E-04	4.47E-04	1.09E-03	1.75E-03	1.58E-03
2327	387427.74, 3750784.85	4.617	7.425	6.72	2.18E-04	3.51E-04	3.17E-04	3.03E-04	4.87E-04	4.41E-04	1.07E-03	1.73E-03	1.56E-03
2328	387427.74, 3750809.85	4.548	7.324	6.626	2.15E-04	3.46E-04	3.13E-04	2.98E-04	4.81E-04	4.35E-04	1.06E-03	1.70E-03	1.54E-03
2329	387427.74, 3750834.85	4.486	7.231	6.531	2.12E-04	3.42E-04	3.08E-04	2.94E-04	4.74E-04	4.29E-04	1.04E-03	1.68E-03	1.52E-03
2330	387427.74, 3750859.85	4.413	7.128	6.425	2.08E-04	3.37E-04	3.03E-04	2.90E-04	4.68E-04	4.22E-04	1.03E-03	1.66E-03	1.49E-03
2331	387427.74, 3750884.85	4.35	7.023	6.335	2.05E-04	3.32E-04	2.99E-04	2.85E-04	4.61E-04	4.16E-04	1.01E-03	1.63E-03	1.47E-03
2332	387427.74, 3750909.85	4.269	6.916	6.238	2.02E-04	3.27E-04	2.95E-04	2.80E-04	4.54E-04	4.09E-04	9.92E-04	1.61E-03	1.45E-03

2333	387427.74, 3750934.85	4.21	6.807	6.144	1.99E-04	3.21E-04	2.90E-04	2.76E-04	4.47E-04	4.03E-04	9.79E-04	1.58E-03	1.43E-03
2334	387427.74, 3750959.85	4.148	6.72	6.07	1.96E-04	3.17E-04	2.87E-04	2.72E-04	4.41E-04	3.98E-04	9.64E-04	1.56E-03	1.41E-03
2335	387427.74, 3750984.85	4.125	6.654	6.01	1.95E-04	3.14E-04	2.84E-04	2.71E-04	4.37E-04	3.94E-04	9.59E-04	1.55E-03	1.40E-03
2336	387427.74, 3751009.85	4.062	6.565	5.922	1.92E-04	3.10E-04	2.80E-04	2.67E-04	4.31E-04	3.89E-04	9.44E-04	1.53E-03	1.38E-03
2337	387427.74, 3751034.85	4.018	6.487	5.857	1.90E-04	3.06E-04	2.77E-04	2.64E-04	4.26E-04	3.84E-04	9.34E-04	1.51E-03	1.36E-03
2338	387427.74, 3751059.85	3.961	6.395	5.779	1.87E-04	3.02E-04	2.73E-04	2.60E-04	4.20E-04	3.79E-04	9.21E-04	1.49E-03	1.34E-03
2339	387427.74, 3751084.85	3.905	6.297	5.695	1.84E-04	2.97E-04	2.69E-04	2.56E-04	4.13E-04	3.74E-04	9.08E-04	1.46E-03	1.32E-03
2340	387427.74, 3751109.85	3.858	6.221	5.623	1.82E-04	2.94E-04	2.66E-04	2.53E-04	4.08E-04	3.69E-04	8.97E-04	1.45E-03	1.31E-03
2341	387427.74, 3751134.85	3.814	6.151	5.554	1.80E-04	2.90E-04	2.62E-04	2.50E-04	4.04E-04	3.64E-04	8.87E-04	1.43E-03	1.29E-03
2342	387427.74, 3751159.85	3.761	6.068	5.475	1.78E-04	2.87E-04	2.59E-04	2.47E-04	3.98E-04	3.59E-04	8.74E-04	1.41E-03	1.27E-03
2343	387427.74, 3751184.85	3.709	5.983	5.396	1.75E-04	2.83E-04	2.55E-04	2.43E-04	3.93E-04	3.54E-04	8.62E-04	1.39E-03	1.25E-03
2344	387427.74, 3751209.85	3.66	5.899	5.321	1.73E-04	2.79E-04	2.51E-04	2.40E-04	3.87E-04	3.49E-04	8.51E-04	1.37E-03	1.24E-03
2345	387427.74, 3751234.85	3.612	5.815	5.246	1.71E-04	2.75E-04	2.48E-04	2.37E-04	3.82E-04	3.44E-04	8.40E-04	1.35E-03	1.22E-03
2346	387427.74, 3751259.85	3.562	5.729	5.172	1.68E-04	2.71E-04	2.44E-04	2.34E-04	3.76E-04	3.39E-04	8.28E-04	1.33E-03	1.20E-03
2347	387427.74, 3751284.85	3.515	5.649	5.107	1.66E-04	2.67E-04	2.41E-04	2.31E-04	3.71E-04	3.35E-04	8.17E-04	1.31E-03	1.19E-03
2348	387427.74, 3751309.85	3.462	5.564	5.037	1.63E-04	2.63E-04	2.38E-04	2.27E-04	3.65E-04	3.30E-04	8.05E-04	1.29E-03	1.17E-03
2349	387427.74, 3751334.85	3.411	5.48	4.963	1.61E-04	2.59E-04	2.34E-04	2.24E-04	3.60E-04	3.26E-04	7.93E-04	1.27E-03	1.15E-03
2350	387427.74, 3751359.85	3.359	5.399	4.889	1.59E-04	2.55E-04	2.31E-04	2.20E-04	3.54E-04	3.21E-04	7.81E-04	1.26E-03	1.14E-03
2351	387427.74, 3751384.85	3.31	5.321	4.816	1.56E-04	2.51E-04	2.27E-04	2.17E-04	3.49E-04	3.16E-04	7.70E-04	1.24E-03	1.12E-03
2352	387427.74, 3751409.85	3.263	5.244	4.737	1.54E-04	2.48E-04	2.24E-04	2.14E-04	3.44E-04	3.11E-04	7.59E-04	1.22E-03	1.10E-03
2353	387452.74, 3749184.85	25.37	43.75	39.62	1.20E-03	2.07E-03	1.87E-03	1.66E-03	2.87E-03	2.60E-03	5.90E-03	1.02E-02	9.21E-03
2354	387452.74, 3749209.85	23.02	39.19	35.67	1.09E-03	1.85E-03	1.68E-03	1.51E-03	2.57E-03	2.34E-03	5.35E-03	9.11E-03	8.29E-03
2355	387452.74, 3749234.85	21.09	35.49	32.46	9.96E-04	1.68E-03	1.53E-03	1.38E-03	2.33E-03	2.13E-03	4.90E-03	8.25E-03	7.55E-03
2356	387452.74, 3749259.85	19.69	32.74	29.99	9.30E-04	1.55E-03	1.42E-03	1.29E-03	2.15E-03	1.97E-03	4.58E-03	7.61E-03	6.97E-03
2357	387452.74, 3749284.85	18.3	30.18	27.7	8.64E-04	1.43E-03	1.31E-03	1.20E-03	1.98E-03	1.82E-03	4.26E-03	7.02E-03	6.44E-03
2358	387452.74, 3749309.85	17.03	27.98	25.68	8.04E-04	1.32E-03	1.21E-03	1.12E-03	1.84E-03	1.69E-03	3.96E-03	6.51E-03	5.97E-03
2359	387452.74, 3749334.85	15.92	26.08	23.91	7.52E-04	1.23E-03	1.13E-03	1.04E-03	1.71E-03	1.57E-03	3.70E-03	6.06E-03	5.56E-03
2360	387452.74, 3749359.85	14.85	24.28	22.3	7.02E-04	1.15E-03	1.05E-03	9.75E-04	1.59E-03	1.46E-03	3.45E-03	5.64E-03	5.19E-03
2361	387452.74, 3749384.85	14	22.79	20.95	6.61E-04	1.08E-03	9.89E-04	9.19E-04	1.50E-03	1.37E-03	3.26E-03	5.30E-03	4.87E-03
2362	387452.74, 3749409.85	13.58	21.93	20.14	6.41E-04	1.04E-03	9.51E-04	8.91E-04	1.44E-03	1.32E-03	3.16E-03	5.10E-03	4.68E-03
2363	387452.74, 3749434.85	12.89	20.75	19.09	6.09E-04	9.80E-04	9.02E-04	8.46E-04	1.36E-03	1.25E-03	3.00E-03	4.82E-03	4.44E-03
2364	387452.74, 3749459.85	12.4	19.87	18.27	5.86E-04	9.38E-04	8.63E-04	8.14E-04	1.30E-03	1.20E-03	2.88E-03	4.62E-03	4.25E-03
2365	387452.74, 3749484.85	11.89	19.01	17.49	5.61E-04	8.98E-04	8.26E-04	7.80E-04	1.25E-03	1.15E-03	2.76E-03	4.42E-03	4.07E-03
2366	387452.74, 3749509.85	11.47	18.27	16.83	5.41E-04	8.63E-04	7.95E-04	7.52E-04	1.20E-03	1.10E-03	2.67E-03	4.25E-03	3.91E-03
2367	387452.74, 3749534.85	10.93	17.49	16.1	5.16E-04	8.26E-04	7.60E-04	7.17E-04	1.15E-03	1.06E-03	2.54E-03	4.07E-03	3.74E-03
2368	387452.74, 3749559.85	10.53	16.87	15.54	4.97E-04	7.97E-04	7.34E-04	6.91E-04	1.11E-03	1.02E-03	2.45E-03	3.92E-03	3.61E-03
2369	387452.74, 3749584.85	10.17	16.27	14.96	4.80E-04	7.68E-04	7.07E-04	6.68E-04	1.07E-03	9.82E-04	2.37E-03	3.78E-03	3.48E-03
2370	387452.74, 3749609.85	9.792	15.69	14.47	4.62E-04	7.41E-04	6.83E-04	6.43E-04	1.03E-03	9.49E-04	2.28E-03	3.65E-03	3.36E-03
2371	387452.74, 3749634.85	9.521	15.23	14.01	4.50E-04	7.19E-04	6.62E-04	6.25E-04	9.99E-04	9.19E-04	2.21E-03	3.54E-03	3.26E-03
2372	387452.74, 3749659.85	9.254	14.75	13.56	4.37E-04	6.96E-04	6.40E-04	6.07E-04	9.68E-04	8.90E-04	2.15E-03	3.43E-03	3.15E-03
2373	387452.74, 3749684.85	8.919	14.25	13.12	4.21E-04	6.73E-04	6.19E-04	5.85E-04	9.35E-04	8.61E-04	2.07E-03	3.31E-03	3.05E-03

2374	387452.74, 3749709.85	8.676	13.89	12.73	4.10E-04	6.56E-04	6.01E-04	5.69E-04	9.11E-04	8.35E-04	2.02E-03	3.23E-03	2.96E-03
2375	387452.74, 3749734.85	8.428	13.49	12.36	3.98E-04	6.37E-04	5.84E-04	5.53E-04	8.85E-04	8.11E-04	1.96E-03	3.14E-03	2.87E-03
2376	387452.74, 3749759.85	8.181	13.13	12.02	3.86E-04	6.20E-04	5.68E-04	5.37E-04	8.62E-04	7.89E-04	1.90E-03	3.05E-03	2.79E-03
2377	387452.74, 3749784.85	7.959	12.79	11.68	3.76E-04	6.04E-04	5.52E-04	5.22E-04	8.39E-04	7.67E-04	1.85E-03	2.97E-03	2.72E-03
2378	387452.74, 3749809.85	7.761	12.46	11.38	3.67E-04	5.89E-04	5.38E-04	5.09E-04	8.18E-04	7.47E-04	1.80E-03	2.90E-03	2.65E-03
2379	387452.74, 3749834.85	7.573	12.19	11.11	3.58E-04	5.76E-04	5.25E-04	4.97E-04	8.00E-04	7.29E-04	1.76E-03	2.83E-03	2.58E-03
2380	387452.74, 3749859.85	7.423	11.94	10.87	3.51E-04	5.64E-04	5.13E-04	4.87E-04	7.83E-04	7.13E-04	1.73E-03	2.77E-03	2.53E-03
2381	387452.74, 3749884.85	7.288	11.7	10.65	3.44E-04	5.53E-04	5.03E-04	4.78E-04	7.68E-04	6.99E-04	1.69E-03	2.72E-03	2.48E-03
2382	387452.74, 3749909.85	7.119	11.44	10.41	3.36E-04	5.40E-04	4.92E-04	4.67E-04	7.50E-04	6.83E-04	1.65E-03	2.66E-03	2.42E-03
2383	387452.74, 3749934.85	6.874	11.11	10.11	3.25E-04	5.25E-04	4.77E-04	4.51E-04	7.29E-04	6.63E-04	1.60E-03	2.58E-03	2.35E-03
2384	387452.74, 3749959.85	6.817	10.96	9.974	3.22E-04	5.18E-04	4.71E-04	4.47E-04	7.19E-04	6.54E-04	1.58E-03	2.55E-03	2.32E-03
2385	387452.74, 3749984.85	6.73	10.81	9.816	3.18E-04	5.10E-04	4.64E-04	4.42E-04	7.09E-04	6.44E-04	1.56E-03	2.51E-03	2.28E-03
2386	387452.74, 3750009.85	6.53	10.54	9.556	3.08E-04	4.98E-04	4.51E-04	4.28E-04	6.92E-04	6.27E-04	1.52E-03	2.45E-03	2.22E-03
2387	387452.74, 3750034.85	6.462	10.37	9.421	3.05E-04	4.90E-04	4.45E-04	4.24E-04	6.81E-04	6.18E-04	1.50E-03	2.41E-03	2.19E-03
2388	387452.74, 3750059.85	6.35	10.17	9.26	3.00E-04	4.80E-04	4.37E-04	4.17E-04	6.68E-04	6.08E-04	1.48E-03	2.37E-03	2.15E-03
2389	387452.74, 3750084.85	6.224	9.991	9.087	2.94E-04	4.72E-04	4.29E-04	4.08E-04	6.56E-04	5.96E-04	1.45E-03	2.32E-03	2.11E-03
2390	387452.74, 3750109.85	6.148	9.865	8.963	2.90E-04	4.66E-04	4.23E-04	4.03E-04	6.47E-04	5.88E-04	1.43E-03	2.29E-03	2.08E-03
2391	387452.74, 3750134.85	6.045	9.706	8.793	2.85E-04	4.58E-04	4.15E-04	3.97E-04	6.37E-04	5.77E-04	1.41E-03	2.26E-03	2.04E-03
2392	387452.74, 3750159.85	5.96	9.548	8.657	2.81E-04	4.51E-04	4.09E-04	3.91E-04	6.27E-04	5.68E-04	1.39E-03	2.22E-03	2.01E-03
2393	387452.74, 3750184.85	5.842	9.364	8.499	2.76E-04	4.42E-04	4.01E-04	3.83E-04	6.14E-04	5.58E-04	1.36E-03	2.18E-03	1.98E-03
2394	387452.74, 3750209.85	5.727	9.205	8.345	2.70E-04	4.35E-04	3.94E-04	3.76E-04	6.04E-04	5.48E-04	1.33E-03	2.14E-03	1.94E-03
2395	387452.74, 3750234.85	5.616	9.049	8.196	2.65E-04	4.27E-04	3.87E-04	3.69E-04	5.94E-04	5.38E-04	1.31E-03	2.10E-03	1.91E-03
2396	387452.74, 3750259.85	5.53	8.911	8.069	2.61E-04	4.21E-04	3.81E-04	3.63E-04	5.85E-04	5.29E-04	1.29E-03	2.07E-03	1.88E-03
2397	387452.74, 3750284.85	5.443	8.772	7.943	2.57E-04	4.14E-04	3.75E-04	3.57E-04	5.76E-04	5.21E-04	1.27E-03	2.04E-03	1.85E-03
2398	387452.74, 3750309.85	5.352	8.618	7.816	2.53E-04	4.07E-04	3.69E-04	3.51E-04	5.65E-04	5.13E-04	1.24E-03	2.00E-03	1.82E-03
2399	387452.74, 3750334.85	5.262	8.488	7.693	2.48E-04	4.01E-04	3.63E-04	3.45E-04	5.57E-04	5.05E-04	1.22E-03	1.97E-03	1.79E-03
2400	387452.74, 3750359.85	5.199	8.379	7.591	2.46E-04	3.96E-04	3.59E-04	3.41E-04	5.50E-04	4.98E-04	1.21E-03	1.95E-03	1.76E-03
2401	387452.74, 3750384.85	5.118	8.258	7.478	2.42E-04	3.90E-04	3.53E-04	3.36E-04	5.42E-04	4.91E-04	1.19E-03	1.92E-03	1.74E-03
2402	387452.74, 3750409.85	5.042	8.141	7.37	2.38E-04	3.84E-04	3.48E-04	3.31E-04	5.34E-04	4.84E-04	1.17E-03	1.89E-03	1.71E-03
2403	387452.74, 3750434.85	4.977	8.037	7.276	2.35E-04	3.80E-04	3.44E-04	3.27E-04	5.27E-04	4.77E-04	1.16E-03	1.87E-03	1.69E-03
2404	387452.74, 3750459.85	4.929	7.936	7.187	2.33E-04	3.75E-04	3.39E-04	3.23E-04	5.21E-04	4.72E-04	1.15E-03	1.85E-03	1.67E-03
2405	387452.74, 3750484.85	4.858	7.825	7.084	2.29E-04	3.70E-04	3.35E-04	3.19E-04	5.13E-04	4.65E-04	1.13E-03	1.82E-03	1.65E-03
2406	387452.74, 3750509.85	4.794	7.733	7.003	2.26E-04	3.65E-04	3.31E-04	3.15E-04	5.07E-04	4.59E-04	1.11E-03	1.80E-03	1.63E-03
2407	387452.74, 3750534.85	4.742	7.644	6.907	2.24E-04	3.61E-04	3.26E-04	3.11E-04	5.02E-04	4.53E-04	1.10E-03	1.78E-03	1.61E-03
2408	387452.74, 3750559.85	4.677	7.53	6.802	2.21E-04	3.56E-04	3.21E-04	3.07E-04	4.94E-04	4.46E-04	1.09E-03	1.75E-03	1.58E-03
2409	387452.74, 3750584.85	4.617	7.435	6.718	2.18E-04	3.51E-04	3.17E-04	3.03E-04	4.88E-04	4.41E-04	1.07E-03	1.73E-03	1.56E-03
2410	387452.74, 3750609.85	4.537	7.302	6.603	2.14E-04	3.45E-04	3.12E-04	2.98E-04	4.79E-04	4.33E-04	1.05E-03	1.70E-03	1.54E-03
2411	387452.74, 3750634.85	4.486	7.208	6.528	2.12E-04	3.40E-04	3.08E-04	2.94E-04	4.73E-04	4.28E-04	1.04E-03	1.68E-03	1.52E-03
2412	387452.74, 3750659.85	4.436	7.119	6.451	2.09E-04	3.36E-04	3.05E-04	2.91E-04	4.67E-04	4.23E-04	1.03E-03	1.65E-03	1.50E-03
2413	387452.74, 3750684.85	4.355	7.012	6.348	2.06E-04	3.31E-04	3.00E-04	2.86E-04	4.60E-04	4.16E-04	1.01E-03	1.63E-03	1.48E-03
2414	387452.74, 3750709.85	4.303	6.933	6.265	2.03E-04	3.27E-04	2.96E-04	2.82E-04	4.55E-04	4.11E-04	1.00E-03	1.61E-03	1.46E-03

2415	387452.74, 3750734.85	4.251	6.851	6.185	2.01E-04	3.24E-04	2.92E-04	2.79E-04	4.50E-04	4.06E-04	9.88E-04	1.59E-03	1.44E-03
2416	387452.74, 3750759.85	4.205	6.771	6.124	1.99E-04	3.20E-04	2.89E-04	2.76E-04	4.44E-04	4.02E-04	9.78E-04	1.57E-03	1.42E-03
2417	387452.74, 3750784.85	4.145	6.677	6.038	1.96E-04	3.15E-04	2.85E-04	2.72E-04	4.38E-04	3.96E-04	9.64E-04	1.55E-03	1.40E-03
2418	387452.74, 3750809.85	4.109	6.618	5.982	1.94E-04	3.13E-04	2.82E-04	2.70E-04	4.34E-04	3.92E-04	9.55E-04	1.54E-03	1.39E-03
2419	387452.74, 3750834.85	4.05	6.537	5.899	1.91E-04	3.09E-04	2.79E-04	2.66E-04	4.29E-04	3.87E-04	9.42E-04	1.52E-03	1.37E-03
2420	387452.74, 3750859.85	3.996	6.455	5.817	1.89E-04	3.05E-04	2.75E-04	2.62E-04	4.24E-04	3.82E-04	9.29E-04	1.50E-03	1.35E-03
2421	387452.74, 3750884.85	3.942	6.368	5.739	1.86E-04	3.01E-04	2.71E-04	2.59E-04	4.18E-04	3.77E-04	9.17E-04	1.48E-03	1.33E-03
2422	387452.74, 3750909.85	3.884	6.276	5.66	1.83E-04	2.96E-04	2.67E-04	2.55E-04	4.12E-04	3.71E-04	9.03E-04	1.46E-03	1.32E-03
2423	387452.74, 3750934.85	3.828	6.19	5.586	1.81E-04	2.92E-04	2.64E-04	2.51E-04	4.06E-04	3.67E-04	8.90E-04	1.44E-03	1.30E-03
2424	387452.74, 3750959.85	3.783	6.118	5.522	1.79E-04	2.89E-04	2.61E-04	2.48E-04	4.01E-04	3.62E-04	8.80E-04	1.42E-03	1.28E-03
2425	387452.74, 3750984.85	3.738	6.049	5.458	1.77E-04	2.86E-04	2.58E-04	2.45E-04	3.97E-04	3.58E-04	8.69E-04	1.41E-03	1.27E-03
2426	387452.74, 3751009.85	3.699	5.98	5.393	1.75E-04	2.82E-04	2.55E-04	2.43E-04	3.92E-04	3.54E-04	8.60E-04	1.39E-03	1.25E-03
2427	387452.74, 3751034.85	3.655	5.905	5.328	1.73E-04	2.79E-04	2.52E-04	2.40E-04	3.87E-04	3.50E-04	8.50E-04	1.37E-03	1.24E-03
2428	387452.74, 3751059.85	3.612	5.83	5.264	1.71E-04	2.75E-04	2.49E-04	2.37E-04	3.83E-04	3.45E-04	8.40E-04	1.36E-03	1.22E-03
2429	387452.74, 3751084.85	3.569	5.756	5.196	1.69E-04	2.72E-04	2.45E-04	2.34E-04	3.78E-04	3.41E-04	8.30E-04	1.34E-03	1.21E-03
2430	387452.74, 3751109.85	3.526	5.695	5.136	1.67E-04	2.69E-04	2.43E-04	2.31E-04	3.74E-04	3.37E-04	8.20E-04	1.32E-03	1.19E-03
2431	387452.74, 3751134.85	3.485	5.627	5.075	1.65E-04	2.66E-04	2.40E-04	2.29E-04	3.69E-04	3.33E-04	8.10E-04	1.31E-03	1.18E-03
2432	387452.74, 3751159.85	3.441	5.558	5.013	1.62E-04	2.62E-04	2.37E-04	2.26E-04	3.65E-04	3.29E-04	8.00E-04	1.29E-03	1.17E-03
2433	387452.74, 3751184.85	3.403	5.495	4.958	1.61E-04	2.60E-04	2.34E-04	2.23E-04	3.61E-04	3.25E-04	7.91E-04	1.28E-03	1.15E-03
2434	387452.74, 3751209.85	3.356	5.414	4.886	1.58E-04	2.56E-04	2.31E-04	2.20E-04	3.55E-04	3.21E-04	7.80E-04	1.26E-03	1.14E-03
2435	387452.74, 3751234.85	3.313	5.338	4.818	1.56E-04	2.52E-04	2.28E-04	2.17E-04	3.50E-04	3.16E-04	7.70E-04	1.24E-03	1.12E-03
2436	387477.74, 3748984.85	23.05	39.12	35.61	1.09E-03	1.85E-03	1.68E-03	1.51E-03	2.57E-03	2.34E-03	5.36E-03	9.09E-03	8.28E-03
2437	387477.74, 3749009.85	21.56	35.99	32.92	1.02E-03	1.70E-03	1.55E-03	1.41E-03	2.36E-03	2.16E-03	5.01E-03	8.37E-03	7.65E-03
2438	387477.74, 3749034.85	20.21	33.23	30.49	9.54E-04	1.57E-03	1.44E-03	1.33E-03	2.18E-03	2.00E-03	4.70E-03	7.72E-03	7.09E-03
2439	387477.74, 3749059.85	18.94	30.79	28.32	8.95E-04	1.45E-03	1.34E-03	1.24E-03	2.02E-03	1.86E-03	4.40E-03	7.16E-03	6.58E-03
2440	387477.74, 3749084.85	17.75	28.67	26.44	8.38E-04	1.35E-03	1.25E-03	1.16E-03	1.88E-03	1.74E-03	4.13E-03	6.67E-03	6.15E-03
2441	387477.74, 3749109.85	16.75	26.86	24.78	7.91E-04	1.27E-03	1.17E-03	1.10E-03	1.76E-03	1.63E-03	3.89E-03	6.24E-03	5.76E-03
2442	387477.74, 3749134.85	15.84	25.3	23.34	7.48E-04	1.19E-03	1.10E-03	1.04E-03	1.66E-03	1.53E-03	3.68E-03	5.88E-03	5.43E-03
2443	387477.74, 3749159.85	15	23.87	22	7.08E-04	1.13E-03	1.04E-03	9.84E-04	1.57E-03	1.44E-03	3.49E-03	5.55E-03	5.11E-03
2444	387477.74, 3749184.85	14.27	22.63	20.84	6.74E-04	1.07E-03	9.84E-04	9.36E-04	1.48E-03	1.37E-03	3.32E-03	5.26E-03	4.85E-03
2445	387477.74, 3749209.85	13.62	21.55	19.87	6.43E-04	1.02E-03	9.38E-04	8.94E-04	1.41E-03	1.30E-03	3.17E-03	5.01E-03	4.62E-03
2446	387477.74, 3749234.85	13.02	20.55	18.97	6.15E-04	9.71E-04	8.96E-04	8.54E-04	1.35E-03	1.24E-03	3.03E-03	4.78E-03	4.41E-03
2447	387477.74, 3749259.85	12.45	19.65	18.14	5.88E-04	9.28E-04	8.57E-04	8.17E-04	1.29E-03	1.19E-03	2.89E-03	4.57E-03	4.22E-03
2448	387477.74, 3749284.85	11.9	18.81	17.37	5.62E-04	8.89E-04	8.20E-04	7.81E-04	1.23E-03	1.14E-03	2.77E-03	4.37E-03	4.04E-03
2449	387477.74, 3749309.85	11.39	18.04	16.64	5.38E-04	8.52E-04	7.86E-04	7.48E-04	1.18E-03	1.09E-03	2.65E-03	4.19E-03	3.87E-03
2450	387477.74, 3749334.85	10.98	17.37	16.01	5.18E-04	8.20E-04	7.56E-04	7.20E-04	1.14E-03	1.05E-03	2.55E-03	4.04E-03	3.72E-03
2451	387477.74, 3749359.85	10.59	16.74	15.43	5.00E-04	7.91E-04	7.29E-04	6.95E-04	1.10E-03	1.01E-03	2.46E-03	3.89E-03	3.59E-03
2452	387477.74, 3749384.85	10.26	16.18	14.9	4.84E-04	7.64E-04	7.04E-04	6.73E-04	1.06E-03	9.78E-04	2.38E-03	3.76E-03	3.46E-03
2453	387477.74, 3749409.85	9.907	15.63	14.4	4.68E-04	7.38E-04	6.80E-04	6.50E-04	1.03E-03	9.45E-04	2.30E-03	3.63E-03	3.35E-03
2454	387477.74, 3749434.85	9.585	15.14	13.94	4.53E-04	7.15E-04	6.59E-04	6.29E-04	9.93E-04	9.15E-04	2.23E-03	3.52E-03	3.24E-03
2455	387477.74, 3749459.85	9.303	14.67	13.5	4.39E-04	6.93E-04	6.37E-04	6.10E-04	9.62E-04	8.86E-04	2.16E-03	3.41E-03	3.14E-03

2456	387477.74, 3749484.85	9.044	14.25	13.13	4.27E-04	6.73E-04	6.20E-04	5.93E-04	9.35E-04	8.62E-04	2.10E-03	3.31E-03	3.05E-03
2457	387477.74, 3749509.85	8.838	13.91	12.8	4.17E-04	6.57E-04	6.04E-04	5.80E-04	9.12E-04	8.40E-04	2.05E-03	3.23E-03	2.98E-03
2458	387477.74, 3749534.85	8.525	13.46	12.37	4.03E-04	6.36E-04	5.84E-04	5.59E-04	8.83E-04	8.11E-04	1.98E-03	3.13E-03	2.88E-03
2459	387477.74, 3749559.85	8.256	13.09	12.03	3.90E-04	6.18E-04	5.68E-04	5.42E-04	8.59E-04	7.89E-04	1.92E-03	3.04E-03	2.80E-03
2460	387477.74, 3749584.85	8.06	12.76	11.72	3.81E-04	6.03E-04	5.54E-04	5.29E-04	8.37E-04	7.69E-04	1.87E-03	2.97E-03	2.73E-03
2461	387477.74, 3749609.85	7.814	12.42	11.41	3.69E-04	5.86E-04	5.39E-04	5.13E-04	8.15E-04	7.49E-04	1.82E-03	2.89E-03	2.65E-03
2462	387477.74, 3749634.85	7.647	12.15	11.16	3.61E-04	5.74E-04	5.27E-04	5.02E-04	7.97E-04	7.32E-04	1.78E-03	2.82E-03	2.59E-03
2463	387477.74, 3749659.85	7.503	11.89	10.9	3.54E-04	5.61E-04	5.15E-04	4.92E-04	7.80E-04	7.15E-04	1.74E-03	2.76E-03	2.53E-03
2464	387477.74, 3749684.85	7.286	11.59	10.63	3.44E-04	5.48E-04	5.02E-04	4.78E-04	7.61E-04	6.98E-04	1.69E-03	2.70E-03	2.47E-03
2465	387477.74, 3749709.85	7.135	11.38	10.4	3.37E-04	5.37E-04	4.91E-04	4.68E-04	7.47E-04	6.83E-04	1.66E-03	2.65E-03	2.42E-03
2466	387477.74, 3749734.85	6.974	11.14	10.16	3.29E-04	5.26E-04	4.80E-04	4.58E-04	7.31E-04	6.67E-04	1.62E-03	2.59E-03	2.36E-03
2467	387477.74, 3749759.85	6.828	10.92	9.944	3.22E-04	5.16E-04	4.70E-04	4.48E-04	7.17E-04	6.52E-04	1.59E-03	2.54E-03	2.31E-03
2468	387477.74, 3749784.85	6.69	10.7	9.74	3.16E-04	5.05E-04	4.60E-04	4.39E-04	7.02E-04	6.39E-04	1.56E-03	2.49E-03	2.26E-03
2469	387477.74, 3749809.85	6.534	10.47	9.528	3.09E-04	4.94E-04	4.50E-04	4.29E-04	6.87E-04	6.25E-04	1.52E-03	2.43E-03	2.22E-03
2470	387477.74, 3749834.85	6.41	10.29	9.34	3.03E-04	4.86E-04	4.41E-04	4.21E-04	6.75E-04	6.13E-04	1.49E-03	2.39E-03	2.17E-03
2471	387477.74, 3749859.85	6.294	10.11	9.165	2.97E-04	4.77E-04	4.33E-04	4.13E-04	6.63E-04	6.01E-04	1.46E-03	2.35E-03	2.13E-03
2472	387477.74, 3749884.85	6.202	9.944	9.015	2.93E-04	4.70E-04	4.26E-04	4.07E-04	6.52E-04	5.92E-04	1.44E-03	2.31E-03	2.10E-03
2473	387477.74, 3749909.85	6.063	9.744	8.837	2.86E-04	4.60E-04	4.17E-04	3.98E-04	6.39E-04	5.80E-04	1.41E-03	2.27E-03	2.05E-03
2474	387477.74, 3749934.85	5.896	9.533	8.641	2.78E-04	4.50E-04	4.08E-04	3.87E-04	6.26E-04	5.67E-04	1.37E-03	2.22E-03	2.01E-03
2475	387477.74, 3749959.85	5.774	9.372	8.482	2.73E-04	4.43E-04	4.01E-04	3.79E-04	6.15E-04	5.57E-04	1.34E-03	2.18E-03	1.97E-03
2476	387477.74, 3749984.85	5.743	9.268	8.387	2.71E-04	4.38E-04	3.96E-04	3.77E-04	6.08E-04	5.50E-04	1.34E-03	2.15E-03	1.95E-03
2477	387477.74, 3750009.85	5.683	9.144	8.276	2.68E-04	4.32E-04	3.91E-04	3.73E-04	6.00E-04	5.43E-04	1.32E-03	2.13E-03	1.92E-03
2478	387477.74, 3750034.85	5.616	9	8.155	2.65E-04	4.25E-04	3.85E-04	3.69E-04	5.91E-04	5.35E-04	1.31E-03	2.09E-03	1.90E-03
2479	387477.74, 3750059.85	5.506	8.825	8.007	2.60E-04	4.17E-04	3.78E-04	3.61E-04	5.79E-04	5.25E-04	1.28E-03	2.05E-03	1.86E-03
2480	387477.74, 3750084.85	5.418	8.696	7.888	2.56E-04	4.11E-04	3.73E-04	3.56E-04	5.71E-04	5.18E-04	1.26E-03	2.02E-03	1.83E-03
2481	387477.74, 3750109.85	5.351	8.594	7.802	2.53E-04	4.06E-04	3.68E-04	3.51E-04	5.64E-04	5.12E-04	1.24E-03	2.00E-03	1.81E-03
2482	387477.74, 3750134.85	5.286	8.491	7.689	2.50E-04	4.01E-04	3.63E-04	3.47E-04	5.57E-04	5.04E-04	1.23E-03	1.97E-03	1.79E-03
2483	387477.74, 3750159.85	5.206	8.364	7.562	2.46E-04	3.95E-04	3.57E-04	3.42E-04	5.49E-04	4.96E-04	1.21E-03	1.94E-03	1.76E-03
2484	387477.74, 3750184.85	5.124	8.234	7.449	2.42E-04	3.89E-04	3.52E-04	3.36E-04	5.40E-04	4.89E-04	1.19E-03	1.91E-03	1.73E-03
2485	387477.74, 3750209.85	5.028	8.103	7.332	2.37E-04	3.83E-04	3.46E-04	3.30E-04	5.32E-04	4.81E-04	1.17E-03	1.88E-03	1.70E-03
2486	387477.74, 3750234.85	4.95	7.988	7.225	2.34E-04	3.77E-04	3.41E-04	3.25E-04	5.24E-04	4.74E-04	1.15E-03	1.86E-03	1.68E-03
2487	387477.74, 3750259.85	4.885	7.882	7.129	2.31E-04	3.72E-04	3.37E-04	3.21E-04	5.17E-04	4.68E-04	1.14E-03	1.83E-03	1.66E-03
2488	387477.74, 3750284.85	4.818	7.775	7.033	2.28E-04	3.67E-04	3.32E-04	3.16E-04	5.10E-04	4.61E-04	1.12E-03	1.81E-03	1.64E-03
2489	387477.74, 3750309.85	4.742	7.653	6.929	2.24E-04	3.61E-04	3.27E-04	3.11E-04	5.02E-04	4.55E-04	1.10E-03	1.78E-03	1.61E-03
2490	387477.74, 3750334.85	4.672	7.546	6.832	2.21E-04	3.56E-04	3.23E-04	3.07E-04	4.95E-04	4.48E-04	1.09E-03	1.75E-03	1.59E-03
2491	387477.74, 3750359.85	4.62	7.459	6.75	2.18E-04	3.52E-04	3.19E-04	3.03E-04	4.89E-04	4.43E-04	1.07E-03	1.73E-03	1.57E-03
2492	387477.74, 3750384.85	4.569	7.375	6.671	2.16E-04	3.48E-04	3.15E-04	3.00E-04	4.84E-04	4.38E-04	1.06E-03	1.71E-03	1.55E-03
2493	387477.74, 3750409.85	4.514	7.285	6.592	2.13E-04	3.44E-04	3.11E-04	2.96E-04	4.78E-04	4.33E-04	1.05E-03	1.69E-03	1.53E-03
2494	387477.74, 3750434.85	4.46	7.195	6.507	2.11E-04	3.40E-04	3.07E-04	2.93E-04	4.72E-04	4.27E-04	1.04E-03	1.67E-03	1.51E-03
2495	387477.74, 3750459.85	4.416	7.112	6.439	2.09E-04	3.36E-04	3.04E-04	2.90E-04	4.67E-04	4.22E-04	1.03E-03	1.65E-03	1.50E-03
2496	387477.74, 3750484.85	4.358	7.024	6.354	2.06E-04	3.32E-04	3.00E-04	2.86E-04	4.61E-04	4.17E-04	1.01E-03	1.63E-03	1.48E-03

2497	387477.74, 3750509.85	4.307	6.953	6.286	2.03E-04	3.28E-04	2.97E-04	2.83E-04	4.56E-04	4.12E-04	1.00E-03	1.62E-03	1.46E-03
2498	387477.74, 3750534.85	4.269	6.887	6.215	2.02E-04	3.25E-04	2.93E-04	2.80E-04	4.52E-04	4.08E-04	9.93E-04	1.60E-03	1.44E-03
2499	387477.74, 3750559.85	4.213	6.788	6.129	1.99E-04	3.21E-04	2.89E-04	2.76E-04	4.45E-04	4.02E-04	9.79E-04	1.58E-03	1.42E-03
2500	387477.74, 3750584.85	4.157	6.7	6.047	1.96E-04	3.16E-04	2.86E-04	2.73E-04	4.40E-04	3.97E-04	9.66E-04	1.56E-03	1.41E-03
2501	387477.74, 3750609.85	4.112	6.632	5.989	1.94E-04	3.13E-04	2.83E-04	2.70E-04	4.35E-04	3.93E-04	9.56E-04	1.54E-03	1.39E-03
2502	387477.74, 3750634.85	4.051	6.534	5.899	1.91E-04	3.09E-04	2.79E-04	2.66E-04	4.29E-04	3.87E-04	9.42E-04	1.52E-03	1.37E-03
2503	387477.74, 3750659.85	3.999	6.437	5.829	1.89E-04	3.04E-04	2.75E-04	2.62E-04	4.22E-04	3.83E-04	9.30E-04	1.50E-03	1.36E-03
2504	387477.74, 3750684.85	3.943	6.358	5.748	1.86E-04	3.00E-04	2.71E-04	2.59E-04	4.17E-04	3.77E-04	9.17E-04	1.48E-03	1.34E-03
2505	387477.74, 3750709.85	3.926	6.334	5.719	1.85E-04	2.99E-04	2.70E-04	2.58E-04	4.16E-04	3.75E-04	9.13E-04	1.47E-03	1.33E-03
2506	387477.74, 3750734.85	3.859	6.266	5.645	1.82E-04	2.96E-04	2.67E-04	2.53E-04	4.11E-04	3.70E-04	8.97E-04	1.46E-03	1.31E-03
2507	387477.74, 3750759.85	3.816	6.192	5.58	1.80E-04	2.92E-04	2.64E-04	2.50E-04	4.06E-04	3.66E-04	8.87E-04	1.44E-03	1.30E-03
2508	387477.74, 3750784.85	3.771	6.119	5.514	1.78E-04	2.89E-04	2.60E-04	2.47E-04	4.01E-04	3.62E-04	8.77E-04	1.42E-03	1.28E-03
2509	387477.74, 3750809.85	3.726	6.051	5.451	1.76E-04	2.86E-04	2.57E-04	2.44E-04	3.97E-04	3.58E-04	8.66E-04	1.41E-03	1.27E-03
2510	387477.74, 3750834.85	3.679	5.982	5.385	1.74E-04	2.83E-04	2.54E-04	2.41E-04	3.93E-04	3.53E-04	8.55E-04	1.39E-03	1.25E-03
2511	387477.74, 3750859.85	3.645	5.897	5.311	1.72E-04	2.79E-04	2.51E-04	2.39E-04	3.87E-04	3.48E-04	8.47E-04	1.37E-03	1.23E-03
2512	387477.74, 3750884.85	3.609	5.826	5.254	1.70E-04	2.75E-04	2.48E-04	2.37E-04	3.82E-04	3.45E-04	8.39E-04	1.35E-03	1.22E-03
2513	387477.74, 3750909.85	3.559	5.75	5.185	1.68E-04	2.72E-04	2.45E-04	2.34E-04	3.77E-04	3.40E-04	8.28E-04	1.34E-03	1.21E-03
2514	387477.74, 3750934.85	3.514	5.679	5.123	1.66E-04	2.68E-04	2.42E-04	2.31E-04	3.73E-04	3.36E-04	8.17E-04	1.32E-03	1.19E-03
2515	387477.74, 3750959.85	3.472	5.623	5.066	1.64E-04	2.66E-04	2.39E-04	2.28E-04	3.69E-04	3.32E-04	8.07E-04	1.31E-03	1.18E-03
2516	387477.74, 3750984.85	3.426	5.551	4.999	1.62E-04	2.62E-04	2.36E-04	2.25E-04	3.64E-04	3.28E-04	7.97E-04	1.29E-03	1.16E-03
2517	387477.74, 3751009.85	3.397	5.498	4.948	1.60E-04	2.60E-04	2.34E-04	2.23E-04	3.61E-04	3.25E-04	7.90E-04	1.28E-03	1.15E-03
2518	387477.74, 3751034.85	3.359	5.439	4.896	1.59E-04	2.57E-04	2.31E-04	2.20E-04	3.57E-04	3.21E-04	7.81E-04	1.26E-03	1.14E-03
2519	387477.74, 3751059.85	3.323	5.373	4.845	1.57E-04	2.54E-04	2.29E-04	2.18E-04	3.53E-04	3.18E-04	7.73E-04	1.25E-03	1.13E-03
2520	387502.74, 3748984.85	12.78	19.61	18.22	6.04E-04	9.26E-04	8.60E-04	8.39E-04	1.29E-03	1.20E-03	2.97E-03	4.56E-03	4.24E-03
2521	387502.74, 3749009.85	12.51	19.22	17.87	5.91E-04	9.08E-04	8.44E-04	8.21E-04	1.26E-03	1.17E-03	2.91E-03	4.47E-03	4.15E-03
2522	387502.74, 3749034.85	12.18	18.72	17.4	5.75E-04	8.84E-04	8.22E-04	7.99E-04	1.23E-03	1.14E-03	2.83E-03	4.35E-03	4.05E-03
2523	387502.74, 3749059.85	11.81	18.16	16.88	5.58E-04	8.58E-04	7.97E-04	7.75E-04	1.19E-03	1.11E-03	2.75E-03	4.22E-03	3.92E-03
2524	387502.74, 3749084.85	11.41	17.59	16.35	5.39E-04	8.31E-04	7.72E-04	7.49E-04	1.15E-03	1.07E-03	2.65E-03	4.09E-03	3.80E-03
2525	387502.74, 3749109.85	11.03	17.03	15.81	5.21E-04	8.04E-04	7.47E-04	7.24E-04	1.12E-03	1.04E-03	2.56E-03	3.96E-03	3.68E-03
2526	387502.74, 3749134.85	10.67	16.51	15.31	5.04E-04	7.80E-04	7.23E-04	7.00E-04	1.08E-03	1.00E-03	2.48E-03	3.84E-03	3.56E-03
2527	387502.74, 3749159.85	10.34	16.01	14.83	4.88E-04	7.56E-04	7.00E-04	6.79E-04	1.05E-03	9.73E-04	2.40E-03	3.72E-03	3.45E-03
2528	387502.74, 3749184.85	10.02	15.53	14.38	4.73E-04	7.33E-04	6.79E-04	6.58E-04	1.02E-03	9.43E-04	2.33E-03	3.61E-03	3.34E-03
2529	387502.74, 3749209.85	9.747	15.11	13.97	4.60E-04	7.13E-04	6.60E-04	6.40E-04	9.91E-04	9.17E-04	2.27E-03	3.51E-03	3.25E-03
2530	387502.74, 3749234.85	9.457	14.67	13.56	4.47E-04	6.93E-04	6.40E-04	6.21E-04	9.63E-04	8.90E-04	2.20E-03	3.41E-03	3.15E-03
2531	387502.74, 3749259.85	9.15	14.25	13.16	4.32E-04	6.73E-04	6.21E-04	6.00E-04	9.35E-04	8.63E-04	2.13E-03	3.31E-03	3.06E-03
2532	387502.74, 3749284.85	8.869	13.86	12.78	4.19E-04	6.54E-04	6.04E-04	5.82E-04	9.09E-04	8.39E-04	2.06E-03	3.22E-03	2.97E-03
2533	387502.74, 3749309.85	8.645	13.51	12.45	4.08E-04	6.38E-04	5.88E-04	5.67E-04	8.86E-04	8.17E-04	2.01E-03	3.14E-03	2.89E-03
2534	387502.74, 3749334.85	8.419	13.16	12.12	3.98E-04	6.22E-04	5.73E-04	5.52E-04	8.64E-04	7.96E-04	1.96E-03	3.06E-03	2.82E-03
2535	387502.74, 3749359.85	8.215	12.86	11.84	3.88E-04	6.07E-04	5.59E-04	5.39E-04	8.44E-04	7.77E-04	1.91E-03	2.99E-03	2.75E-03
2536	387502.74, 3749384.85	7.993	12.54	11.53	3.77E-04	5.92E-04	5.44E-04	5.24E-04	8.23E-04	7.56E-04	1.86E-03	2.92E-03	2.68E-03
2537	387502.74, 3749409.85	7.816	12.25	11.25	3.69E-04	5.78E-04	5.31E-04	5.13E-04	8.04E-04	7.38E-04	1.82E-03	2.85E-03	2.62E-03

2538	387502.74, 3749434.85	7.625	11.97	11	3.60E-04	5.65E-04	5.20E-04	5.00E-04	7.85E-04	7.22E-04	1.77E-03	2.78E-03	2.56E-03
2539	387502.74, 3749459.85	7.448	11.7	10.75	3.52E-04	5.52E-04	5.08E-04	4.89E-04	7.67E-04	7.05E-04	1.73E-03	2.72E-03	2.50E-03
2540	387502.74, 3749484.85	7.292	11.45	10.53	3.44E-04	5.41E-04	4.97E-04	4.78E-04	7.51E-04	6.91E-04	1.70E-03	2.66E-03	2.45E-03
2541	387502.74, 3749509.85	7.148	11.23	10.31	3.38E-04	5.30E-04	4.87E-04	4.69E-04	7.37E-04	6.77E-04	1.66E-03	2.61E-03	2.40E-03
2542	387502.74, 3749534.85	6.981	10.98	10.08	3.30E-04	5.19E-04	4.76E-04	4.58E-04	7.20E-04	6.61E-04	1.62E-03	2.55E-03	2.34E-03
2543	387502.74, 3749559.85	6.796	10.74	9.847	3.21E-04	5.07E-04	4.65E-04	4.46E-04	7.05E-04	6.46E-04	1.58E-03	2.50E-03	2.29E-03
2544	387502.74, 3749584.85	6.664	10.54	9.657	3.15E-04	4.98E-04	4.56E-04	4.37E-04	6.91E-04	6.34E-04	1.55E-03	2.45E-03	2.25E-03
2545	387502.74, 3749609.85	6.52	10.33	9.464	3.08E-04	4.88E-04	4.47E-04	4.28E-04	6.78E-04	6.21E-04	1.52E-03	2.40E-03	2.20E-03
2546	387502.74, 3749634.85	6.399	10.15	9.287	3.02E-04	4.79E-04	4.39E-04	4.20E-04	6.66E-04	6.09E-04	1.49E-03	2.36E-03	2.16E-03
2547	387502.74, 3749659.85	6.319	9.996	9.133	2.98E-04	4.72E-04	4.31E-04	4.15E-04	6.56E-04	5.99E-04	1.47E-03	2.32E-03	2.12E-03
2548	387502.74, 3749684.85	6.178	9.814	8.96	2.92E-04	4.63E-04	4.23E-04	4.05E-04	6.44E-04	5.88E-04	1.44E-03	2.28E-03	2.08E-03
2549	387502.74, 3749709.85	6.07	9.665	8.808	2.87E-04	4.56E-04	4.16E-04	3.98E-04	6.34E-04	5.78E-04	1.41E-03	2.25E-03	2.05E-03
2550	387502.74, 3749734.85	5.973	9.522	8.66	2.82E-04	4.50E-04	4.09E-04	3.92E-04	6.25E-04	5.68E-04	1.39E-03	2.21E-03	2.01E-03
2551	387502.74, 3749759.85	5.878	9.375	8.517	2.78E-04	4.43E-04	4.02E-04	3.86E-04	6.15E-04	5.59E-04	1.37E-03	2.18E-03	1.98E-03
2552	387502.74, 3749784.85	5.775	9.216	8.36	2.73E-04	4.35E-04	3.95E-04	3.79E-04	6.05E-04	5.49E-04	1.34E-03	2.14E-03	1.94E-03
2553	387502.74, 3749809.85	5.657	9.049	8.204	2.67E-04	4.27E-04	3.87E-04	3.71E-04	5.94E-04	5.38E-04	1.32E-03	2.10E-03	1.91E-03
2554	387502.74, 3749834.85	5.554	8.906	8.074	2.62E-04	4.21E-04	3.81E-04	3.64E-04	5.84E-04	5.30E-04	1.29E-03	2.07E-03	1.88E-03
2555	387502.74, 3749859.85	5.471	8.781	7.963	2.58E-04	4.15E-04	3.76E-04	3.59E-04	5.76E-04	5.23E-04	1.27E-03	2.04E-03	1.85E-03
2556	387502.74, 3749884.85	5.4	8.659	7.851	2.55E-04	4.09E-04	3.71E-04	3.54E-04	5.68E-04	5.15E-04	1.26E-03	2.01E-03	1.83E-03
2557	387502.74, 3749909.85	5.29	8.509	7.703	2.50E-04	4.02E-04	3.64E-04	3.47E-04	5.58E-04	5.05E-04	1.23E-03	1.98E-03	1.79E-03
2558	387502.74, 3749934.85	5.201	8.383	7.587	2.46E-04	3.96E-04	3.58E-04	3.41E-04	5.50E-04	4.98E-04	1.21E-03	1.95E-03	1.76E-03
2559	387502.74, 3749959.85	5.11	8.258	7.465	2.41E-04	3.90E-04	3.53E-04	3.35E-04	5.42E-04	4.90E-04	1.19E-03	1.92E-03	1.74E-03
2560	387502.74, 3749984.85	5.06	8.158	7.382	2.39E-04	3.85E-04	3.49E-04	3.32E-04	5.35E-04	4.84E-04	1.18E-03	1.90E-03	1.72E-03
2561	387502.74, 3750009.85	5.02	8.064	7.283	2.37E-04	3.81E-04	3.44E-04	3.29E-04	5.29E-04	4.78E-04	1.17E-03	1.87E-03	1.69E-03
2562	387502.74, 3750034.85	4.952	7.944	7.179	2.34E-04	3.75E-04	3.39E-04	3.25E-04	5.21E-04	4.71E-04	1.15E-03	1.85E-03	1.67E-03
2563	387502.74, 3750059.85	4.863	7.802	7.068	2.30E-04	3.68E-04	3.34E-04	3.19E-04	5.12E-04	4.64E-04	1.13E-03	1.81E-03	1.64E-03
2564	387502.74, 3750084.85	4.795	7.709	6.984	2.26E-04	3.64E-04	3.30E-04	3.15E-04	5.06E-04	4.58E-04	1.11E-03	1.79E-03	1.62E-03
2565	387502.74, 3750109.85	4.747	7.634	6.915	2.24E-04	3.61E-04	3.27E-04	3.11E-04	5.01E-04	4.54E-04	1.10E-03	1.77E-03	1.61E-03
2566	387502.74, 3750134.85	4.695	7.55	6.829	2.22E-04	3.57E-04	3.23E-04	3.08E-04	4.95E-04	4.48E-04	1.09E-03	1.76E-03	1.59E-03
2567	387502.74, 3750159.85	4.624	7.45	6.725	2.18E-04	3.52E-04	3.18E-04	3.03E-04	4.89E-04	4.41E-04	1.08E-03	1.73E-03	1.56E-03
2568	387502.74, 3750184.85	4.563	7.35	6.634	2.16E-04	3.47E-04	3.13E-04	2.99E-04	4.82E-04	4.35E-04	1.06E-03	1.71E-03	1.54E-03
2569	387502.74, 3750209.85	4.495	7.253	6.545	2.12E-04	3.43E-04	3.09E-04	2.95E-04	4.76E-04	4.29E-04	1.05E-03	1.69E-03	1.52E-03
2570	387502.74, 3750234.85	4.442	7.157	6.461	2.10E-04	3.38E-04	3.05E-04	2.91E-04	4.70E-04	4.24E-04	1.03E-03	1.66E-03	1.50E-03
2571	387502.74, 3750259.85	4.384	7.047	6.378	2.07E-04	3.33E-04	3.01E-04	2.88E-04	4.62E-04	4.19E-04	1.02E-03	1.64E-03	1.48E-03
2572	387502.74, 3750284.85	4.317	6.967	6.301	2.04E-04	3.29E-04	2.98E-04	2.83E-04	4.57E-04	4.13E-04	1.00E-03	1.62E-03	1.46E-03
2573	387502.74, 3750309.85	4.265	6.89	6.222	2.01E-04	3.25E-04	2.94E-04	2.80E-04	4.52E-04	4.08E-04	9.91E-04	1.60E-03	1.45E-03
2574	387502.74, 3750334.85	4.209	6.8	6.15	1.99E-04	3.21E-04	2.90E-04	2.76E-04	4.46E-04	4.04E-04	9.78E-04	1.58E-03	1.43E-03
2575	387502.74, 3750359.85	4.162	6.727	6.085	1.97E-04	3.18E-04	2.87E-04	2.73E-04	4.41E-04	3.99E-04	9.68E-04	1.56E-03	1.41E-03
2576	387502.74, 3750384.85	4.125	6.664	6.016	1.95E-04	3.15E-04	2.84E-04	2.71E-04	4.37E-04	3.95E-04	9.59E-04	1.55E-03	1.40E-03
2577	387502.74, 3750409.85	4.078	6.59	5.95	1.93E-04	3.11E-04	2.81E-04	2.68E-04	4.32E-04	3.90E-04	9.48E-04	1.53E-03	1.38E-03
2578	387502.74, 3750434.85	4.04	6.515	5.888	1.91E-04	3.08E-04	2.78E-04	2.65E-04	4.27E-04	3.86E-04	9.39E-04	1.51E-03	1.37E-03

2579	387502.74, 3750459.85	4	6.446	5.833	1.89E-04	3.04E-04	2.75E-04	2.62E-04	4.23E-04	3.83E-04	9.30E-04	1.50E-03	1.36E-03
2580	387502.74, 3750484.85	3.956	6.376	5.769	1.87E-04	3.01E-04	2.72E-04	2.60E-04	4.18E-04	3.79E-04	9.20E-04	1.48E-03	1.34E-03
2581	387502.74, 3750509.85	3.912	6.319	5.706	1.85E-04	2.98E-04	2.69E-04	2.57E-04	4.15E-04	3.74E-04	9.10E-04	1.47E-03	1.33E-03
2582	387502.74, 3750534.85	3.878	6.264	5.649	1.83E-04	2.96E-04	2.67E-04	2.54E-04	4.11E-04	3.71E-04	9.02E-04	1.46E-03	1.31E-03
2583	387502.74, 3750559.85	3.822	6.167	5.569	1.80E-04	2.91E-04	2.63E-04	2.51E-04	4.05E-04	3.65E-04	8.88E-04	1.43E-03	1.29E-03
2584	387502.74, 3750584.85	3.788	6.109	5.515	1.79E-04	2.89E-04	2.60E-04	2.49E-04	4.01E-04	3.62E-04	8.81E-04	1.42E-03	1.28E-03
2585	387502.74, 3750609.85	3.755	6.058	5.468	1.77E-04	2.86E-04	2.58E-04	2.46E-04	3.97E-04	3.59E-04	8.73E-04	1.41E-03	1.27E-03
2586	387502.74, 3750634.85	3.71	5.989	5.406	1.75E-04	2.83E-04	2.55E-04	2.43E-04	3.93E-04	3.55E-04	8.63E-04	1.39E-03	1.26E-03
2587	387502.74, 3750659.85	3.646	5.882	5.315	1.72E-04	2.78E-04	2.51E-04	2.39E-04	3.86E-04	3.49E-04	8.48E-04	1.37E-03	1.24E-03
2588	387502.74, 3750684.85	3.614	5.83	5.267	1.71E-04	2.75E-04	2.49E-04	2.37E-04	3.83E-04	3.46E-04	8.40E-04	1.36E-03	1.22E-03
2589	387502.74, 3750709.85	3.589	5.794	5.229	1.69E-04	2.74E-04	2.47E-04	2.35E-04	3.80E-04	3.43E-04	8.34E-04	1.35E-03	1.22E-03
2590	387502.74, 3750734.85	3.537	5.739	5.167	1.67E-04	2.71E-04	2.44E-04	2.32E-04	3.77E-04	3.39E-04	8.22E-04	1.33E-03	1.20E-03
2591	387502.74, 3750759.85	3.505	5.689	5.119	1.66E-04	2.69E-04	2.42E-04	2.30E-04	3.73E-04	3.36E-04	8.15E-04	1.32E-03	1.19E-03
2592	387502.74, 3750784.85	3.466	5.629	5.064	1.64E-04	2.66E-04	2.39E-04	2.27E-04	3.69E-04	3.32E-04	8.06E-04	1.31E-03	1.18E-03
2593	387502.74, 3750809.85	3.428	5.565	5.008	1.62E-04	2.63E-04	2.36E-04	2.25E-04	3.65E-04	3.29E-04	7.97E-04	1.29E-03	1.16E-03
2594	387502.74, 3750834.85	3.387	5.49	4.94	1.60E-04	2.59E-04	2.33E-04	2.22E-04	3.60E-04	3.24E-04	7.87E-04	1.28E-03	1.15E-03
2595	387502.74, 3750859.85	3.359	5.431	4.893	1.59E-04	2.56E-04	2.31E-04	2.20E-04	3.56E-04	3.21E-04	7.81E-04	1.26E-03	1.14E-03
2596	387527.74, 3748984.85	8.663	12.93	12.04	4.09E-04	6.11E-04	5.68E-04	5.68E-04	8.48E-04	7.90E-04	2.01E-03	3.01E-03	2.80E-03
2597	387527.74, 3749009.85	8.68	13.03	12.11	4.10E-04	6.15E-04	5.72E-04	5.70E-04	8.55E-04	7.94E-04	2.02E-03	3.03E-03	2.81E-03
2598	387527.74, 3749034.85	8.625	13	12.07	4.07E-04	6.14E-04	5.70E-04	5.66E-04	8.53E-04	7.92E-04	2.01E-03	3.02E-03	2.81E-03
2599	387527.74, 3749059.85	8.509	12.88	11.96	4.02E-04	6.08E-04	5.65E-04	5.58E-04	8.45E-04	7.84E-04	1.98E-03	2.99E-03	2.78E-03
2600	387527.74, 3749084.85	8.37	12.71	11.79	3.95E-04	6.00E-04	5.57E-04	5.49E-04	8.34E-04	7.74E-04	1.95E-03	2.96E-03	2.74E-03
2601	387527.74, 3749109.85	8.219	12.52	11.6	3.88E-04	5.91E-04	5.48E-04	5.39E-04	8.22E-04	7.61E-04	1.91E-03	2.91E-03	2.70E-03
2602	387527.74, 3749134.85	8.049	12.31	11.39	3.80E-04	5.81E-04	5.38E-04	5.28E-04	8.08E-04	7.48E-04	1.87E-03	2.86E-03	2.65E-03
2603	387527.74, 3749159.85	7.884	12.09	11.19	3.72E-04	5.71E-04	5.28E-04	5.17E-04	7.93E-04	7.34E-04	1.83E-03	2.81E-03	2.60E-03
2604	387527.74, 3749184.85	7.725	11.87	10.97	3.65E-04	5.61E-04	5.18E-04	5.07E-04	7.79E-04	7.20E-04	1.80E-03	2.76E-03	2.55E-03
2605	387527.74, 3749209.85	7.555	11.65	10.76	3.57E-04	5.50E-04	5.08E-04	4.96E-04	7.64E-04	7.06E-04	1.76E-03	2.71E-03	2.50E-03
2606	387527.74, 3749234.85	7.391	11.43	10.55	3.49E-04	5.40E-04	4.98E-04	4.85E-04	7.50E-04	6.92E-04	1.72E-03	2.66E-03	2.45E-03
2607	387527.74, 3749259.85	7.219	11.21	10.33	3.41E-04	5.29E-04	4.88E-04	4.74E-04	7.35E-04	6.78E-04	1.68E-03	2.61E-03	2.40E-03
2608	387527.74, 3749284.85	7.055	11	10.12	3.33E-04	5.19E-04	4.78E-04	4.63E-04	7.22E-04	6.64E-04	1.64E-03	2.56E-03	2.35E-03
2609	387527.74, 3749309.85	6.944	10.81	9.957	3.28E-04	5.10E-04	4.70E-04	4.56E-04	7.09E-04	6.53E-04	1.61E-03	2.51E-03	2.31E-03
2610	387527.74, 3749334.85	6.792	10.61	9.754	3.21E-04	5.01E-04	4.61E-04	4.46E-04	6.96E-04	6.40E-04	1.58E-03	2.47E-03	2.27E-03
2611	387527.74, 3749359.85	6.667	10.43	9.584	3.15E-04	4.92E-04	4.53E-04	4.37E-04	6.84E-04	6.29E-04	1.55E-03	2.42E-03	2.23E-03
2612	387527.74, 3749384.85	6.529	10.24	9.383	3.08E-04	4.84E-04	4.43E-04	4.28E-04	6.72E-04	6.16E-04	1.52E-03	2.38E-03	2.18E-03
2613	387527.74, 3749409.85	6.423	10.07	9.249	3.03E-04	4.76E-04	4.37E-04	4.21E-04	6.61E-04	6.07E-04	1.49E-03	2.34E-03	2.15E-03
2614	387527.74, 3749434.85	6.295	9.913	9.087	2.97E-04	4.68E-04	4.29E-04	4.13E-04	6.50E-04	5.96E-04	1.46E-03	2.30E-03	2.11E-03
2615	387527.74, 3749459.85	6.205	9.751	8.938	2.93E-04	4.60E-04	4.22E-04	4.07E-04	6.40E-04	5.86E-04	1.44E-03	2.27E-03	2.08E-03
2616	387527.74, 3749484.85	6.108	9.593	8.798	2.88E-04	4.53E-04	4.16E-04	4.01E-04	6.29E-04	5.77E-04	1.42E-03	2.23E-03	2.05E-03
2617	387527.74, 3749509.85	5.999	9.435	8.65	2.83E-04	4.46E-04	4.09E-04	3.94E-04	6.19E-04	5.68E-04	1.39E-03	2.19E-03	2.01E-03
2618	387527.74, 3749534.85	5.9	9.295	8.512	2.79E-04	4.39E-04	4.02E-04	3.87E-04	6.10E-04	5.59E-04	1.37E-03	2.16E-03	1.98E-03
2619	387527.74, 3749559.85	5.799	9.152	8.373	2.74E-04	4.32E-04	3.95E-04	3.81E-04	6.00E-04	5.49E-04	1.35E-03	2.13E-03	1.95E-03

2620	387527.74, 3749584.85	5.696	9.018	8.24	2.69E-04	4.26E-04	3.89E-04	3.74E-04	5.92E-04	5.41E-04	1.32E-03	2.10E-03	1.92E-03
2621	387527.74, 3749609.85	5.594	8.865	8.094	2.64E-04	4.19E-04	3.82E-04	3.67E-04	5.82E-04	5.31E-04	1.30E-03	2.06E-03	1.88E-03
2622	387527.74, 3749634.85	5.514	8.741	7.973	2.60E-04	4.13E-04	3.77E-04	3.62E-04	5.74E-04	5.23E-04	1.28E-03	2.03E-03	1.85E-03
2623	387527.74, 3749659.85	5.447	8.629	7.865	2.57E-04	4.08E-04	3.71E-04	3.57E-04	5.66E-04	5.16E-04	1.27E-03	2.01E-03	1.83E-03
2624	387527.74, 3749684.85	5.359	8.509	7.759	2.53E-04	4.02E-04	3.66E-04	3.52E-04	5.58E-04	5.09E-04	1.25E-03	1.98E-03	1.80E-03
2625	387527.74, 3749709.85	5.289	8.41	7.672	2.50E-04	3.97E-04	3.62E-04	3.47E-04	5.52E-04	5.03E-04	1.23E-03	1.96E-03	1.78E-03
2626	387527.74, 3749734.85	5.22	8.311	7.564	2.47E-04	3.93E-04	3.57E-04	3.42E-04	5.45E-04	4.96E-04	1.21E-03	1.93E-03	1.76E-03
2627	387527.74, 3749759.85	5.15	8.209	7.46	2.43E-04	3.88E-04	3.52E-04	3.38E-04	5.39E-04	4.89E-04	1.20E-03	1.91E-03	1.73E-03
2628	387527.74, 3749784.85	5.063	8.076	7.33	2.39E-04	3.81E-04	3.46E-04	3.32E-04	5.30E-04	4.81E-04	1.18E-03	1.88E-03	1.70E-03
2629	387527.74, 3749809.85	4.982	7.972	7.231	2.35E-04	3.76E-04	3.41E-04	3.27E-04	5.23E-04	4.74E-04	1.16E-03	1.85E-03	1.68E-03
2630	387527.74, 3749834.85	4.898	7.86	7.127	2.31E-04	3.71E-04	3.37E-04	3.21E-04	5.16E-04	4.68E-04	1.14E-03	1.83E-03	1.66E-03
2631	387527.74, 3749859.85	4.832	7.763	7.033	2.28E-04	3.67E-04	3.32E-04	3.17E-04	5.09E-04	4.61E-04	1.12E-03	1.80E-03	1.64E-03
2632	387527.74, 3749884.85	4.783	7.673	6.945	2.26E-04	3.62E-04	3.28E-04	3.14E-04	5.03E-04	4.56E-04	1.11E-03	1.78E-03	1.61E-03
2633	387527.74, 3749909.85	4.702	7.566	6.834	2.22E-04	3.57E-04	3.23E-04	3.09E-04	4.96E-04	4.48E-04	1.09E-03	1.76E-03	1.59E-03
2634	387527.74, 3749934.85	4.641	7.464	6.748	2.19E-04	3.53E-04	3.19E-04	3.05E-04	4.90E-04	4.43E-04	1.08E-03	1.74E-03	1.57E-03
2635	387527.74, 3749959.85	4.593	7.378	6.681	2.17E-04	3.48E-04	3.16E-04	3.01E-04	4.84E-04	4.38E-04	1.07E-03	1.72E-03	1.55E-03
2636	387527.74, 3749984.85	4.543	7.297	6.602	2.15E-04	3.45E-04	3.12E-04	2.98E-04	4.79E-04	4.33E-04	1.06E-03	1.70E-03	1.54E-03
2637	387527.74, 3750009.85	4.488	7.212	6.512	2.12E-04	3.41E-04	3.08E-04	2.94E-04	4.73E-04	4.27E-04	1.04E-03	1.68E-03	1.51E-03
2638	387527.74, 3750034.85	4.431	7.115	6.427	2.09E-04	3.36E-04	3.04E-04	2.91E-04	4.67E-04	4.22E-04	1.03E-03	1.65E-03	1.49E-03
2639	387527.74, 3750059.85	4.358	6.995	6.334	2.06E-04	3.30E-04	2.99E-04	2.86E-04	4.59E-04	4.16E-04	1.01E-03	1.63E-03	1.47E-03
2640	387527.74, 3750084.85	4.308	6.927	6.266	2.03E-04	3.27E-04	2.96E-04	2.83E-04	4.55E-04	4.11E-04	1.00E-03	1.61E-03	1.46E-03
2641	387527.74, 3750109.85	4.256	6.849	6.2	2.01E-04	3.23E-04	2.93E-04	2.79E-04	4.49E-04	4.07E-04	9.90E-04	1.59E-03	1.44E-03
2642	387527.74, 3750134.85	4.218	6.79	6.143	1.99E-04	3.21E-04	2.90E-04	2.77E-04	4.46E-04	4.03E-04	9.81E-04	1.58E-03	1.43E-03
2643	387527.74, 3750159.85	4.179	6.725	6.079	1.97E-04	3.18E-04	2.87E-04	2.74E-04	4.41E-04	3.99E-04	9.72E-04	1.56E-03	1.41E-03
2644	387527.74, 3750184.85	4.131	6.648	6.004	1.95E-04	3.14E-04	2.84E-04	2.71E-04	4.36E-04	3.94E-04	9.60E-04	1.55E-03	1.40E-03
2645	387527.74, 3750209.85	4.071	6.566	5.917	1.92E-04	3.10E-04	2.79E-04	2.67E-04	4.31E-04	3.88E-04	9.46E-04	1.53E-03	1.38E-03
2646	387527.74, 3750234.85	4.023	6.486	5.85	1.90E-04	3.06E-04	2.76E-04	2.64E-04	4.26E-04	3.84E-04	9.35E-04	1.51E-03	1.36E-03
2647	387527.74, 3750259.85	3.968	6.397	5.778	1.87E-04	3.02E-04	2.73E-04	2.60E-04	4.20E-04	3.79E-04	9.23E-04	1.49E-03	1.34E-03
2648	387527.74, 3750284.85	3.919	6.33	5.711	1.85E-04	2.99E-04	2.70E-04	2.57E-04	4.15E-04	3.75E-04	9.11E-04	1.47E-03	1.33E-03
2649	387527.74, 3750309.85	3.868	6.255	5.644	1.83E-04	2.95E-04	2.67E-04	2.54E-04	4.10E-04	3.70E-04	8.99E-04	1.45E-03	1.31E-03
2650	387527.74, 3750334.85	3.831	6.191	5.595	1.81E-04	2.92E-04	2.64E-04	2.51E-04	4.06E-04	3.67E-04	8.91E-04	1.44E-03	1.30E-03
2651	387527.74, 3750359.85	3.794	6.135	5.535	1.79E-04	2.90E-04	2.61E-04	2.49E-04	4.03E-04	3.63E-04	8.82E-04	1.43E-03	1.29E-03
2652	387527.74, 3750384.85	3.752	6.069	5.481	1.77E-04	2.87E-04	2.59E-04	2.46E-04	3.98E-04	3.60E-04	8.72E-04	1.41E-03	1.27E-03
2653	387527.74, 3750409.85	3.717	6.011	5.426	1.76E-04	2.84E-04	2.56E-04	2.44E-04	3.94E-04	3.56E-04	8.64E-04	1.40E-03	1.26E-03
2654	387527.74, 3750434.85	3.685	5.948	5.382	1.74E-04	2.81E-04	2.54E-04	2.42E-04	3.90E-04	3.53E-04	8.57E-04	1.38E-03	1.25E-03
2655	387527.74, 3750459.85	3.657	5.893	5.338	1.73E-04	2.78E-04	2.52E-04	2.40E-04	3.87E-04	3.50E-04	8.50E-04	1.37E-03	1.24E-03
2656	387527.74, 3750484.85	3.619	5.835	5.282	1.71E-04	2.76E-04	2.49E-04	2.37E-04	3.83E-04	3.47E-04	8.41E-04	1.36E-03	1.23E-03
2657	387527.74, 3750509.85	3.577	5.776	5.219	1.69E-04	2.73E-04	2.46E-04	2.35E-04	3.79E-04	3.42E-04	8.32E-04	1.34E-03	1.21E-03
2658	387527.74, 3750534.85	3.549	5.731	5.171	1.68E-04	2.71E-04	2.44E-04	2.33E-04	3.76E-04	3.39E-04	8.25E-04	1.33E-03	1.20E-03
2659	387527.74, 3750559.85	3.505	5.659	5.113	1.66E-04	2.67E-04	2.41E-04	2.30E-04	3.71E-04	3.35E-04	8.15E-04	1.32E-03	1.19E-03
2660	387527.74, 3750584.85	3.47	5.603	5.061	1.64E-04	2.65E-04	2.39E-04	2.28E-04	3.68E-04	3.32E-04	8.07E-04	1.30E-03	1.18E-03

2661	387527.74, 3750609.85	3.45	5.57	5.022	1.63E-04	2.63E-04	2.37E-04	2.26E-04	3.65E-04	3.30E-04	8.02E-04	1.30E-03	1.17E-03
2662	387527.74, 3750634.85	3.415	5.516	4.973	1.61E-04	2.60E-04	2.35E-04	2.24E-04	3.62E-04	3.26E-04	7.94E-04	1.28E-03	1.16E-03
2663	387527.74, 3750659.85	3.368	5.437	4.908	1.59E-04	2.57E-04	2.32E-04	2.21E-04	3.57E-04	3.22E-04	7.83E-04	1.26E-03	1.14E-03
2664	387527.74, 3750684.85	3.329	5.373	4.855	1.57E-04	2.54E-04	2.29E-04	2.18E-04	3.53E-04	3.19E-04	7.74E-04	1.25E-03	1.13E-03
2665	387552.74, 3748984.85	6.237	9.53	8.854	2.95E-04	4.50E-04	4.18E-04	4.09E-04	6.25E-04	5.81E-04	1.45E-03	2.22E-03	2.06E-03
2666	387552.74, 3749009.85	6.473	9.737	9.087	3.06E-04	4.60E-04	4.29E-04	4.25E-04	6.39E-04	5.96E-04	1.50E-03	2.26E-03	2.11E-03
2667	387552.74, 3749034.85	6.53	9.855	9.19	3.08E-04	4.65E-04	4.34E-04	4.28E-04	6.47E-04	6.03E-04	1.52E-03	2.29E-03	2.14E-03
2668	387552.74, 3749059.85	6.594	9.951	9.217	3.11E-04	4.70E-04	4.35E-04	4.33E-04	6.53E-04	6.05E-04	1.53E-03	2.31E-03	2.14E-03
2669	387552.74, 3749084.85	6.553	9.931	9.191	3.09E-04	4.69E-04	4.34E-04	4.30E-04	6.52E-04	6.03E-04	1.52E-03	2.31E-03	2.14E-03
2670	387552.74, 3749109.85	6.492	9.876	9.132	3.07E-04	4.66E-04	4.31E-04	4.26E-04	6.48E-04	5.99E-04	1.51E-03	2.30E-03	2.12E-03
2671	387552.74, 3749134.85	6.414	9.794	9.047	3.03E-04	4.63E-04	4.27E-04	4.21E-04	6.43E-04	5.94E-04	1.49E-03	2.28E-03	2.10E-03
2672	387552.74, 3749159.85	6.332	9.699	8.953	2.99E-04	4.58E-04	4.23E-04	4.15E-04	6.36E-04	5.87E-04	1.47E-03	2.25E-03	2.08E-03
2673	387552.74, 3749184.85	6.246	9.594	8.849	2.95E-04	4.53E-04	4.18E-04	4.10E-04	6.29E-04	5.81E-04	1.45E-03	2.23E-03	2.06E-03
2674	387552.74, 3749209.85	6.151	9.478	8.742	2.91E-04	4.48E-04	4.13E-04	4.04E-04	6.22E-04	5.74E-04	1.43E-03	2.20E-03	2.03E-03
2675	387552.74, 3749234.85	6.057	9.357	8.633	2.86E-04	4.42E-04	4.08E-04	3.97E-04	6.14E-04	5.66E-04	1.41E-03	2.18E-03	2.01E-03
2676	387552.74, 3749259.85	5.952	9.236	8.513	2.81E-04	4.36E-04	4.02E-04	3.91E-04	6.06E-04	5.59E-04	1.38E-03	2.15E-03	1.98E-03
2677	387552.74, 3749284.85	5.849	9.119	8.378	2.76E-04	4.31E-04	3.96E-04	3.84E-04	5.98E-04	5.50E-04	1.36E-03	2.12E-03	1.95E-03
2678	387552.74, 3749309.85	5.779	9.006	8.286	2.73E-04	4.25E-04	3.91E-04	3.79E-04	5.91E-04	5.44E-04	1.34E-03	2.09E-03	1.93E-03
2679	387552.74, 3749334.85	5.687	8.889	8.165	2.69E-04	4.20E-04	3.86E-04	3.73E-04	5.83E-04	5.36E-04	1.32E-03	2.07E-03	1.90E-03
2680	387552.74, 3749359.85	5.603	8.774	8.048	2.65E-04	4.14E-04	3.80E-04	3.68E-04	5.76E-04	5.28E-04	1.30E-03	2.04E-03	1.87E-03
2681	387552.74, 3749384.85	5.534	8.679	7.946	2.61E-04	4.10E-04	3.75E-04	3.63E-04	5.69E-04	5.21E-04	1.29E-03	2.02E-03	1.85E-03
2682	387552.74, 3749409.85	5.455	8.577	7.85	2.58E-04	4.05E-04	3.71E-04	3.58E-04	5.63E-04	5.15E-04	1.27E-03	1.99E-03	1.83E-03
2683	387552.74, 3749434.85	5.379	8.477	7.751	2.54E-04	4.00E-04	3.66E-04	3.53E-04	5.56E-04	5.09E-04	1.25E-03	1.97E-03	1.80E-03
2684	387552.74, 3749459.85	5.32	8.371	7.655	2.51E-04	3.95E-04	3.62E-04	3.49E-04	5.49E-04	5.02E-04	1.24E-03	1.95E-03	1.78E-03
2685	387552.74, 3749484.85	5.253	8.261	7.564	2.48E-04	3.90E-04	3.57E-04	3.45E-04	5.42E-04	4.96E-04	1.22E-03	1.92E-03	1.76E-03
2686	387552.74, 3749509.85	5.182	8.161	7.469	2.45E-04	3.85E-04	3.53E-04	3.40E-04	5.35E-04	4.90E-04	1.20E-03	1.90E-03	1.74E-03
2687	387552.74, 3749534.85	5.109	8.06	7.363	2.41E-04	3.81E-04	3.48E-04	3.35E-04	5.29E-04	4.83E-04	1.19E-03	1.87E-03	1.71E-03
2688	387552.74, 3749559.85	5.031	7.956	7.254	2.38E-04	3.76E-04	3.43E-04	3.30E-04	5.22E-04	4.76E-04	1.17E-03	1.85E-03	1.69E-03
2689	387552.74, 3749584.85	4.97	7.874	7.177	2.35E-04	3.72E-04	3.39E-04	3.26E-04	5.17E-04	4.71E-04	1.16E-03	1.83E-03	1.67E-03
2690	387552.74, 3749609.85	4.901	7.777	7.085	2.31E-04	3.67E-04	3.35E-04	3.22E-04	5.10E-04	4.65E-04	1.14E-03	1.81E-03	1.65E-03
2691	387552.74, 3749634.85	4.837	7.686	6.997	2.28E-04	3.63E-04	3.30E-04	3.17E-04	5.04E-04	4.59E-04	1.12E-03	1.79E-03	1.63E-03
2692	387552.74, 3749659.85	4.793	7.605	6.932	2.26E-04	3.59E-04	3.27E-04	3.14E-04	4.99E-04	4.55E-04	1.11E-03	1.77E-03	1.61E-03
2693	387552.74, 3749684.85	4.727	7.517	6.853	2.23E-04	3.55E-04	3.24E-04	3.10E-04	4.93E-04	4.50E-04	1.10E-03	1.75E-03	1.59E-03
2694	387552.74, 3749709.85	4.678	7.449	6.791	2.21E-04	3.52E-04	3.21E-04	3.07E-04	4.89E-04	4.46E-04	1.09E-03	1.73E-03	1.58E-03
2695	387552.74, 3749734.85	4.631	7.378	6.714	2.19E-04	3.48E-04	3.17E-04	3.04E-04	4.84E-04	4.41E-04	1.08E-03	1.72E-03	1.56E-03
2696	387552.74, 3749759.85	4.577	7.3	6.626	2.16E-04	3.45E-04	3.13E-04	3.00E-04	4.79E-04	4.35E-04	1.06E-03	1.70E-03	1.54E-03
2697	387552.74, 3749784.85	4.518	7.215	6.535	2.13E-04	3.41E-04	3.09E-04	2.96E-04	4.73E-04	4.29E-04	1.05E-03	1.68E-03	1.52E-03
2698	387552.74, 3749809.85	4.453	7.127	6.449	2.10E-04	3.37E-04	3.05E-04	2.92E-04	4.68E-04	4.23E-04	1.04E-03	1.66E-03	1.50E-03
2699	387552.74, 3749834.85	4.396	7.057	6.38	2.08E-04	3.33E-04	3.01E-04	2.88E-04	4.63E-04	4.19E-04	1.02E-03	1.64E-03	1.48E-03
2700	387552.74, 3749859.85	4.335	6.965	6.299	2.05E-04	3.29E-04	2.98E-04	2.84E-04	4.57E-04	4.13E-04	1.01E-03	1.62E-03	1.46E-03
2701	387552.74, 3749884.85	4.298	6.893	6.235	2.03E-04	3.26E-04	2.94E-04	2.82E-04	4.52E-04	4.09E-04	9.99E-04	1.60E-03	1.45E-03

2702	387552.74, 3749909.85	4.239	6.812	6.155	2.00E-04	3.22E-04	2.91E-04	2.78E-04	4.47E-04	4.04E-04	9.85E-04	1.58E-03	1.43E-03
2703	387552.74, 3749934.85	4.193	6.734	6.089	1.98E-04	3.18E-04	2.88E-04	2.75E-04	4.42E-04	4.00E-04	9.75E-04	1.57E-03	1.42E-03
2704	387552.74, 3749959.85	4.128	6.66	6.011	1.95E-04	3.15E-04	2.84E-04	2.71E-04	4.37E-04	3.94E-04	9.60E-04	1.55E-03	1.40E-03
2705	387552.74, 3749984.85	4.098	6.591	5.958	1.94E-04	3.11E-04	2.81E-04	2.69E-04	4.32E-04	3.91E-04	9.53E-04	1.53E-03	1.39E-03
2706	387552.74, 3750009.85	4.041	6.495	5.871	1.91E-04	3.07E-04	2.77E-04	2.65E-04	4.26E-04	3.85E-04	9.39E-04	1.51E-03	1.36E-03
2707	387552.74, 3750034.85	3.995	6.417	5.808	1.89E-04	3.03E-04	2.74E-04	2.62E-04	4.21E-04	3.81E-04	9.29E-04	1.49E-03	1.35E-03
2708	387552.74, 3750059.85	3.953	6.345	5.747	1.87E-04	3.00E-04	2.71E-04	2.59E-04	4.16E-04	3.77E-04	9.19E-04	1.48E-03	1.34E-03
2709	387552.74, 3750084.85	3.904	6.277	5.685	1.84E-04	2.96E-04	2.69E-04	2.56E-04	4.12E-04	3.73E-04	9.08E-04	1.46E-03	1.32E-03
2710	387552.74, 3750109.85	3.863	6.214	5.629	1.82E-04	2.93E-04	2.66E-04	2.53E-04	4.08E-04	3.69E-04	8.98E-04	1.44E-03	1.31E-03
2711	387552.74, 3750134.85	3.822	6.154	5.571	1.81E-04	2.91E-04	2.63E-04	2.51E-04	4.04E-04	3.66E-04	8.89E-04	1.43E-03	1.30E-03
2712	387552.74, 3750159.85	3.785	6.093	5.514	1.79E-04	2.88E-04	2.60E-04	2.48E-04	4.00E-04	3.62E-04	8.80E-04	1.42E-03	1.28E-03
2713	387552.74, 3750184.85	3.747	6.031	5.456	1.77E-04	2.85E-04	2.58E-04	2.46E-04	3.96E-04	3.58E-04	8.71E-04	1.40E-03	1.27E-03
2714	387552.74, 3750209.85	3.703	5.967	5.394	1.75E-04	2.82E-04	2.55E-04	2.43E-04	3.92E-04	3.54E-04	8.61E-04	1.39E-03	1.25E-03
2715	387552.74, 3750234.85	3.667	5.913	5.34	1.73E-04	2.79E-04	2.52E-04	2.41E-04	3.88E-04	3.50E-04	8.53E-04	1.37E-03	1.24E-03
2716	387552.74, 3750259.85	3.637	5.865	5.293	1.72E-04	2.77E-04	2.50E-04	2.39E-04	3.85E-04	3.47E-04	8.46E-04	1.36E-03	1.23E-03
2717	387552.74, 3750284.85	3.597	5.804	5.239	1.70E-04	2.74E-04	2.47E-04	2.36E-04	3.81E-04	3.44E-04	8.36E-04	1.35E-03	1.22E-03
2718	387552.74, 3750309.85	3.555	5.741	5.181	1.68E-04	2.71E-04	2.45E-04	2.33E-04	3.77E-04	3.40E-04	8.26E-04	1.33E-03	1.20E-03
2719	387552.74, 3750334.85	3.518	5.684	5.132	1.66E-04	2.68E-04	2.42E-04	2.31E-04	3.73E-04	3.37E-04	8.18E-04	1.32E-03	1.19E-03
2720	387552.74, 3750359.85	3.486	5.63	5.089	1.65E-04	2.66E-04	2.40E-04	2.29E-04	3.69E-04	3.34E-04	8.10E-04	1.31E-03	1.18E-03
2721	387552.74, 3750384.85	3.453	5.579	5.043	1.63E-04	2.63E-04	2.38E-04	2.27E-04	3.66E-04	3.31E-04	8.03E-04	1.30E-03	1.17E-03
2722	387552.74, 3750409.85	3.419	5.522	4.999	1.61E-04	2.61E-04	2.36E-04	2.24E-04	3.62E-04	3.28E-04	7.95E-04	1.28E-03	1.16E-03
2723	387552.74, 3750434.85	3.394	5.475	4.959	1.60E-04	2.59E-04	2.34E-04	2.23E-04	3.59E-04	3.25E-04	7.89E-04	1.27E-03	1.15E-03
2724	387552.74, 3750459.85	3.361	5.423	4.912	1.59E-04	2.56E-04	2.32E-04	2.21E-04	3.56E-04	3.22E-04	7.82E-04	1.26E-03	1.14E-03
2725	387552.74, 3750484.85	3.33	5.372	4.867	1.57E-04	2.54E-04	2.30E-04	2.18E-04	3.52E-04	3.19E-04	7.74E-04	1.25E-03	1.13E-03
2726	387577.74, 3748984.85	5.068	7.586	7.017	2.39E-04	3.58E-04	3.31E-04	3.33E-04	4.98E-04	4.60E-04	1.18E-03	1.76E-03	1.63E-03
2727	387577.74, 3749009.85	5.24	7.844	7.256	2.47E-04	3.70E-04	3.43E-04	3.44E-04	5.15E-04	4.76E-04	1.22E-03	1.82E-03	1.69E-03
2728	387577.74, 3749034.85	5.322	7.996	7.393	2.51E-04	3.78E-04	3.49E-04	3.49E-04	5.25E-04	4.85E-04	1.24E-03	1.86E-03	1.72E-03
2729	387577.74, 3749059.85	5.341	8.069	7.453	2.52E-04	3.81E-04	3.52E-04	3.50E-04	5.29E-04	4.89E-04	1.24E-03	1.88E-03	1.73E-03
2730	387577.74, 3749084.85	5.358	8.123	7.499	2.53E-04	3.84E-04	3.54E-04	3.52E-04	5.33E-04	4.92E-04	1.25E-03	1.89E-03	1.74E-03
2731	387577.74, 3749109.85	5.339	8.129	7.495	2.52E-04	3.84E-04	3.54E-04	3.50E-04	5.33E-04	4.92E-04	1.24E-03	1.89E-03	1.74E-03
2732	387577.74, 3749134.85	5.31	8.116	7.48	2.51E-04	3.83E-04	3.53E-04	3.48E-04	5.33E-04	4.91E-04	1.23E-03	1.89E-03	1.74E-03
2733	387577.74, 3749159.85	5.271	8.084	7.448	2.49E-04	3.82E-04	3.52E-04	3.46E-04	5.30E-04	4.89E-04	1.23E-03	1.88E-03	1.73E-03
2734	387577.74, 3749184.85	5.225	8.038	7.402	2.47E-04	3.80E-04	3.50E-04	3.43E-04	5.27E-04	4.86E-04	1.21E-03	1.87E-03	1.72E-03
2735	387577.74, 3749209.85	5.174	7.985	7.348	2.44E-04	3.77E-04	3.47E-04	3.40E-04	5.24E-04	4.82E-04	1.20E-03	1.86E-03	1.71E-03
2736	387577.74, 3749234.85	5.121	7.922	7.288	2.42E-04	3.74E-04	3.44E-04	3.36E-04	5.20E-04	4.78E-04	1.19E-03	1.84E-03	1.69E-03
2737	387577.74, 3749259.85	5.059	7.852	7.222	2.39E-04	3.71E-04	3.41E-04	3.32E-04	5.15E-04	4.74E-04	1.18E-03	1.83E-03	1.68E-03
2738	387577.74, 3749284.85	4.992	7.785	7.15	2.36E-04	3.68E-04	3.38E-04	3.28E-04	5.11E-04	4.69E-04	1.16E-03	1.81E-03	1.66E-03
2739	387577.74, 3749309.85	4.943	7.716	7.08	2.33E-04	3.64E-04	3.34E-04	3.24E-04	5.06E-04	4.65E-04	1.15E-03	1.79E-03	1.65E-03
2740	387577.74, 3749334.85	4.884	7.645	7.007	2.31E-04	3.61E-04	3.31E-04	3.20E-04	5.02E-04	4.60E-04	1.14E-03	1.78E-03	1.63E-03
2741	387577.74, 3749359.85	4.829	7.574	6.933	2.28E-04	3.58E-04	3.27E-04	3.17E-04	4.97E-04	4.55E-04	1.12E-03	1.76E-03	1.61E-03
2742	387577.74, 3749384.85	4.767	7.502	6.858	2.25E-04	3.54E-04	3.24E-04	3.13E-04	4.92E-04	4.50E-04	1.11E-03	1.74E-03	1.59E-03

2743	387577.74, 3749409.85	4.74	7.466	6.821	2.24E-04	3.53E-04	3.22E-04	3.11E-04	4.90E-04	4.48E-04	1.10E-03	1.74E-03	1.59E-03
2744	387577.74, 3749434.85	4.698	7.399	6.756	2.22E-04	3.49E-04	3.19E-04	3.08E-04	4.85E-04	4.43E-04	1.09E-03	1.72E-03	1.57E-03
2745	387577.74, 3749459.85	4.65	7.327	6.697	2.20E-04	3.46E-04	3.16E-04	3.05E-04	4.81E-04	4.39E-04	1.08E-03	1.70E-03	1.56E-03
2746	387577.74, 3749484.85	4.594	7.248	6.62	2.17E-04	3.42E-04	3.13E-04	3.01E-04	4.76E-04	4.34E-04	1.07E-03	1.69E-03	1.54E-03
2747	387577.74, 3749509.85	4.528	7.165	6.535	2.14E-04	3.38E-04	3.09E-04	2.97E-04	4.70E-04	4.29E-04	1.05E-03	1.67E-03	1.52E-03
2748	387577.74, 3749534.85	4.49	7.103	6.479	2.12E-04	3.35E-04	3.06E-04	2.95E-04	4.66E-04	4.25E-04	1.04E-03	1.65E-03	1.51E-03
2749	387577.74, 3749559.85	4.449	7.04	6.418	2.10E-04	3.33E-04	3.03E-04	2.92E-04	4.62E-04	4.21E-04	1.03E-03	1.64E-03	1.49E-03
2750	387577.74, 3749584.85	4.402	6.98	6.35	2.08E-04	3.30E-04	3.00E-04	2.89E-04	4.58E-04	4.17E-04	1.02E-03	1.62E-03	1.48E-03
2751	387577.74, 3749609.85	4.36	6.915	6.293	2.06E-04	3.27E-04	2.97E-04	2.86E-04	4.54E-04	4.13E-04	1.01E-03	1.61E-03	1.46E-03
2752	387577.74, 3749634.85	4.313	6.852	6.234	2.04E-04	3.24E-04	2.94E-04	2.83E-04	4.50E-04	4.09E-04	1.00E-03	1.59E-03	1.45E-03
2753	387577.74, 3749659.85	4.274	6.788	6.177	2.02E-04	3.21E-04	2.92E-04	2.80E-04	4.45E-04	4.05E-04	9.94E-04	1.58E-03	1.44E-03
2754	387577.74, 3749684.85	4.232	6.73	6.13	2.00E-04	3.18E-04	2.90E-04	2.78E-04	4.42E-04	4.02E-04	9.84E-04	1.56E-03	1.43E-03
2755	387577.74, 3749709.85	4.194	6.68	6.081	1.98E-04	3.15E-04	2.87E-04	2.75E-04	4.38E-04	3.99E-04	9.75E-04	1.55E-03	1.41E-03
2756	387577.74, 3749734.85	4.156	6.627	6.02	1.96E-04	3.13E-04	2.84E-04	2.73E-04	4.35E-04	3.95E-04	9.66E-04	1.54E-03	1.40E-03
2757	387577.74, 3749759.85	4.116	6.563	5.954	1.94E-04	3.10E-04	2.81E-04	2.70E-04	4.31E-04	3.91E-04	9.57E-04	1.53E-03	1.38E-03
2758	387577.74, 3749784.85	4.071	6.498	5.884	1.92E-04	3.07E-04	2.78E-04	2.67E-04	4.26E-04	3.86E-04	9.47E-04	1.51E-03	1.37E-03
2759	387577.74, 3749809.85	4.033	6.444	5.834	1.90E-04	3.04E-04	2.76E-04	2.65E-04	4.23E-04	3.83E-04	9.38E-04	1.50E-03	1.36E-03
2760	387577.74, 3749834.85	3.984	6.38	5.77	1.88E-04	3.01E-04	2.73E-04	2.61E-04	4.19E-04	3.79E-04	9.26E-04	1.48E-03	1.34E-03
2761	387577.74, 3749859.85	3.937	6.317	5.712	1.86E-04	2.98E-04	2.70E-04	2.58E-04	4.14E-04	3.75E-04	9.15E-04	1.47E-03	1.33E-03
2762	387577.74, 3749884.85	3.896	6.255	5.655	1.84E-04	2.95E-04	2.67E-04	2.56E-04	4.10E-04	3.71E-04	9.06E-04	1.45E-03	1.31E-03
2763	387577.74, 3749909.85	3.858	6.194	5.601	1.82E-04	2.93E-04	2.65E-04	2.53E-04	4.06E-04	3.67E-04	8.97E-04	1.44E-03	1.30E-03
2764	387577.74, 3749934.85	3.819	6.131	5.546	1.80E-04	2.90E-04	2.62E-04	2.51E-04	4.02E-04	3.64E-04	8.88E-04	1.43E-03	1.29E-03
2765	387577.74, 3749959.85	3.78	6.071	5.494	1.79E-04	2.87E-04	2.59E-04	2.48E-04	3.98E-04	3.60E-04	8.79E-04	1.41E-03	1.28E-03
2766	387577.74, 3749984.85	3.728	5.993	5.415	1.76E-04	2.83E-04	2.56E-04	2.45E-04	3.93E-04	3.55E-04	8.67E-04	1.39E-03	1.26E-03
2767	387577.74, 3750009.85	3.687	5.93	5.36	1.74E-04	2.80E-04	2.53E-04	2.42E-04	3.89E-04	3.52E-04	8.57E-04	1.38E-03	1.25E-03
2768	387577.74, 3750034.85	3.648	5.867	5.307	1.72E-04	2.77E-04	2.51E-04	2.39E-04	3.85E-04	3.48E-04	8.48E-04	1.36E-03	1.23E-03
2769	387577.74, 3750059.85	3.61	5.806	5.255	1.70E-04	2.74E-04	2.48E-04	2.37E-04	3.81E-04	3.45E-04	8.39E-04	1.35E-03	1.22E-03
2770	387577.74, 3750084.85	3.57	5.743	5.198	1.69E-04	2.71E-04	2.46E-04	2.34E-04	3.77E-04	3.41E-04	8.30E-04	1.34E-03	1.21E-03
2771	387577.74, 3750109.85	3.534	5.689	5.147	1.67E-04	2.69E-04	2.43E-04	2.32E-04	3.73E-04	3.38E-04	8.22E-04	1.32E-03	1.20E-03
2772	387577.74, 3750134.85	3.498	5.635	5.097	1.65E-04	2.66E-04	2.41E-04	2.30E-04	3.70E-04	3.34E-04	8.13E-04	1.31E-03	1.18E-03
2773	387577.74, 3750159.85	3.474	5.593	5.063	1.64E-04	2.64E-04	2.39E-04	2.28E-04	3.67E-04	3.32E-04	8.08E-04	1.30E-03	1.18E-03
2774	387577.74, 3750184.85	3.44	5.542	5.015	1.62E-04	2.62E-04	2.37E-04	2.26E-04	3.64E-04	3.29E-04	8.00E-04	1.29E-03	1.17E-03
2775	387577.74, 3750209.85	3.41	5.499	4.967	1.61E-04	2.60E-04	2.35E-04	2.24E-04	3.61E-04	3.26E-04	7.93E-04	1.28E-03	1.15E-03
2776	387577.74, 3750234.85	3.38	5.454	4.922	1.60E-04	2.58E-04	2.32E-04	2.22E-04	3.58E-04	3.23E-04	7.86E-04	1.27E-03	1.14E-03
2777	387577.74, 3750259.85	3.344	5.398	4.875	1.58E-04	2.55E-04	2.30E-04	2.19E-04	3.54E-04	3.20E-04	7.77E-04	1.25E-03	1.13E-03
2778	387577.74, 3750284.85	3.303	5.326	4.823	1.56E-04	2.52E-04	2.28E-04	2.17E-04	3.49E-04	3.16E-04	7.68E-04	1.24E-03	1.12E-03
2779	387577.74, 3750309.85	3.286	5.305	4.79	1.55E-04	2.51E-04	2.26E-04	2.16E-04	3.48E-04	3.14E-04	7.64E-04	1.23E-03	1.11E-03
2780	387602.74, 3748984.85	4.125	6.244	5.756	1.95E-04	2.95E-04	2.72E-04	2.71E-04	4.10E-04	3.78E-04	9.59E-04	1.45E-03	1.34E-03
2781	387602.74, 3749009.85	4.317	6.504	6.003	2.04E-04	3.07E-04	2.83E-04	2.83E-04	4.27E-04	3.94E-04	1.00E-03	1.51E-03	1.40E-03
2782	387602.74, 3749034.85	4.428	6.679	6.162	2.09E-04	3.15E-04	2.91E-04	2.91E-04	4.38E-04	4.04E-04	1.03E-03	1.55E-03	1.43E-03
2783	387602.74, 3749059.85	4.488	6.792	6.258	2.12E-04	3.21E-04	2.96E-04	2.94E-04	4.46E-04	4.11E-04	1.04E-03	1.58E-03	1.45E-03

2784	387602.74, 3749084.85	4.517	6.864	6.315	2.13E-04	3.24E-04	2.98E-04	2.96E-04	4.50E-04	4.14E-04	1.05E-03	1.60E-03	1.47E-03
2785	387602.74, 3749109.85	4.522	6.9	6.345	2.14E-04	3.26E-04	3.00E-04	2.97E-04	4.53E-04	4.16E-04	1.05E-03	1.60E-03	1.48E-03
2786	387602.74, 3749134.85	4.518	6.92	6.361	2.13E-04	3.27E-04	3.00E-04	2.96E-04	4.54E-04	4.17E-04	1.05E-03	1.61E-03	1.48E-03
2787	387602.74, 3749159.85	4.508	6.927	6.362	2.13E-04	3.27E-04	3.00E-04	2.96E-04	4.55E-04	4.17E-04	1.05E-03	1.61E-03	1.48E-03
2788	387602.74, 3749184.85	4.484	6.915	6.344	2.12E-04	3.27E-04	3.00E-04	2.94E-04	4.54E-04	4.16E-04	1.04E-03	1.61E-03	1.47E-03
2789	387602.74, 3749209.85	4.457	6.894	6.323	2.10E-04	3.26E-04	2.99E-04	2.92E-04	4.52E-04	4.15E-04	1.04E-03	1.60E-03	1.47E-03
2790	387602.74, 3749234.85	4.428	6.867	6.296	2.09E-04	3.24E-04	2.97E-04	2.91E-04	4.51E-04	4.13E-04	1.03E-03	1.60E-03	1.46E-03
2791	387602.74, 3749259.85	4.392	6.832	6.262	2.07E-04	3.23E-04	2.96E-04	2.88E-04	4.48E-04	4.11E-04	1.02E-03	1.59E-03	1.46E-03
2792	387602.74, 3749284.85	4.351	6.792	6.223	2.05E-04	3.21E-04	2.94E-04	2.85E-04	4.46E-04	4.08E-04	1.01E-03	1.58E-03	1.45E-03
2793	387602.74, 3749309.85	4.315	6.752	6.181	2.04E-04	3.19E-04	2.92E-04	2.83E-04	4.43E-04	4.06E-04	1.00E-03	1.57E-03	1.44E-03
2794	387602.74, 3749334.85	4.283	6.711	6.138	2.02E-04	3.17E-04	2.90E-04	2.81E-04	4.40E-04	4.03E-04	9.96E-04	1.56E-03	1.43E-03
2795	387602.74, 3749359.85	4.242	6.663	6.089	2.00E-04	3.15E-04	2.88E-04	2.78E-04	4.37E-04	4.00E-04	9.86E-04	1.55E-03	1.42E-03
2796	387602.74, 3749384.85	4.201	6.617	6.041	1.98E-04	3.12E-04	2.85E-04	2.76E-04	4.34E-04	3.96E-04	9.77E-04	1.54E-03	1.40E-03
2797	387602.74, 3749409.85	4.164	6.571	5.997	1.97E-04	3.10E-04	2.83E-04	2.73E-04	4.31E-04	3.93E-04	9.68E-04	1.53E-03	1.39E-03
2798	387602.74, 3749434.85	4.127	6.525	5.953	1.95E-04	3.08E-04	2.81E-04	2.71E-04	4.28E-04	3.91E-04	9.59E-04	1.52E-03	1.38E-03
2799	387602.74, 3749459.85	4.092	6.48	5.903	1.93E-04	3.06E-04	2.79E-04	2.68E-04	4.25E-04	3.87E-04	9.51E-04	1.51E-03	1.37E-03
2800	387602.74, 3749484.85	4.062	6.436	5.859	1.92E-04	3.04E-04	2.77E-04	2.67E-04	4.22E-04	3.84E-04	9.44E-04	1.50E-03	1.36E-03
2801	387602.74, 3749509.85	4.036	6.396	5.823	1.91E-04	3.02E-04	2.75E-04	2.65E-04	4.20E-04	3.82E-04	9.38E-04	1.49E-03	1.35E-03
2802	387602.74, 3749534.85	4.009	6.355	5.783	1.89E-04	3.00E-04	2.73E-04	2.63E-04	4.17E-04	3.79E-04	9.32E-04	1.48E-03	1.34E-03
2803	387602.74, 3749559.85	3.981	6.311	5.738	1.88E-04	2.98E-04	2.71E-04	2.61E-04	4.14E-04	3.77E-04	9.26E-04	1.47E-03	1.33E-03
2804	387602.74, 3749584.85	3.952	6.267	5.697	1.87E-04	2.96E-04	2.69E-04	2.59E-04	4.11E-04	3.74E-04	9.19E-04	1.46E-03	1.32E-03
2805	387602.74, 3749609.85	3.919	6.222	5.653	1.85E-04	2.94E-04	2.67E-04	2.57E-04	4.08E-04	3.71E-04	9.11E-04	1.45E-03	1.31E-03
2806	387602.74, 3749634.85	3.885	6.174	5.61	1.83E-04	2.92E-04	2.65E-04	2.55E-04	4.05E-04	3.68E-04	9.03E-04	1.44E-03	1.30E-03
2807	387602.74, 3749659.85	3.856	6.131	5.574	1.82E-04	2.90E-04	2.63E-04	2.53E-04	4.02E-04	3.66E-04	8.96E-04	1.43E-03	1.30E-03
2808	387602.74, 3749684.85	3.825	6.091	5.535	1.81E-04	2.88E-04	2.61E-04	2.51E-04	4.00E-04	3.63E-04	8.89E-04	1.42E-03	1.29E-03
2809	387602.74, 3749709.85	3.799	6.056	5.498	1.79E-04	2.86E-04	2.60E-04	2.49E-04	3.97E-04	3.61E-04	8.83E-04	1.41E-03	1.28E-03
2810	387602.74, 3749734.85	3.768	6.017	5.452	1.78E-04	2.84E-04	2.58E-04	2.47E-04	3.95E-04	3.58E-04	8.76E-04	1.40E-03	1.27E-03
2811	387602.74, 3749759.85	3.735	5.971	5.405	1.76E-04	2.82E-04	2.55E-04	2.45E-04	3.92E-04	3.55E-04	8.68E-04	1.39E-03	1.26E-03
2812	387602.74, 3749784.85	3.71	5.932	5.369	1.75E-04	2.80E-04	2.54E-04	2.43E-04	3.89E-04	3.52E-04	8.63E-04	1.38E-03	1.25E-03
2813	387602.74, 3749809.85	3.673	5.882	5.318	1.73E-04	2.78E-04	2.51E-04	2.41E-04	3.86E-04	3.49E-04	8.54E-04	1.37E-03	1.24E-03
2814	387602.74, 3749834.85	3.641	5.83	5.272	1.72E-04	2.75E-04	2.49E-04	2.39E-04	3.83E-04	3.46E-04	8.46E-04	1.36E-03	1.23E-03
2815	387602.74, 3749859.85	3.603	5.78	5.222	1.70E-04	2.73E-04	2.47E-04	2.36E-04	3.79E-04	3.43E-04	8.38E-04	1.34E-03	1.21E-03
2816	387602.74, 3749884.85	3.566	5.731	5.173	1.68E-04	2.71E-04	2.44E-04	2.34E-04	3.76E-04	3.39E-04	8.29E-04	1.33E-03	1.20E-03
2817	387602.74, 3749909.85	3.536	5.681	5.131	1.67E-04	2.68E-04	2.42E-04	2.32E-04	3.73E-04	3.37E-04	8.22E-04	1.32E-03	1.19E-03
2818	387602.74, 3749934.85	3.494	5.616	5.076	1.65E-04	2.65E-04	2.40E-04	2.29E-04	3.69E-04	3.33E-04	8.12E-04	1.31E-03	1.18E-03
2819	387602.74, 3749959.85	3.465	5.573	5.035	1.64E-04	2.63E-04	2.38E-04	2.27E-04	3.66E-04	3.30E-04	8.06E-04	1.30E-03	1.17E-03
2820	387602.74, 3749984.85	3.437	5.531	4.995	1.62E-04	2.61E-04	2.36E-04	2.26E-04	3.63E-04	3.28E-04	7.99E-04	1.29E-03	1.16E-03
2821	387602.74, 3750009.85	3.406	5.485	4.952	1.61E-04	2.59E-04	2.34E-04	2.23E-04	3.60E-04	3.25E-04	7.92E-04	1.28E-03	1.15E-03
2822	387602.74, 3750034.85	3.356	5.403	4.885	1.59E-04	2.55E-04	2.31E-04	2.20E-04	3.55E-04	3.21E-04	7.80E-04	1.26E-03	1.14E-03
2823	387602.74, 3750059.85	3.323	5.351	4.839	1.57E-04	2.53E-04	2.29E-04	2.18E-04	3.51E-04	3.18E-04	7.73E-04	1.24E-03	1.13E-03
2824	387602.74, 3750084.85	3.308	5.335	4.813	1.56E-04	2.52E-04	2.27E-04	2.17E-04	3.50E-04	3.16E-04	7.69E-04	1.24E-03	1.12E-03

2825	387602.74, 3750109.85	3.28	5.293	4.769	1.55E-04	2.50E-04	2.25E-04	2.15E-04	3.47E-04	3.13E-04	7.63E-04	1.23E-03	1.11E-03
2826	387627.74, 3748984.85	3.455	5.304	4.891	1.63E-04	2.50E-04	2.31E-04	2.27E-04	3.48E-04	3.21E-04	8.03E-04	1.23E-03	1.14E-03
2827	387627.74, 3749009.85	3.646	5.543	5.095	1.72E-04	2.62E-04	2.41E-04	2.39E-04	3.64E-04	3.34E-04	8.48E-04	1.29E-03	1.18E-03
2828	387627.74, 3749034.85	3.77	5.722	5.262	1.78E-04	2.70E-04	2.49E-04	2.47E-04	3.75E-04	3.45E-04	8.77E-04	1.33E-03	1.22E-03
2829	387627.74, 3749059.85	3.845	5.845	5.374	1.82E-04	2.76E-04	2.54E-04	2.52E-04	3.84E-04	3.53E-04	8.94E-04	1.36E-03	1.25E-03
2830	387627.74, 3749084.85	3.891	5.933	5.45	1.84E-04	2.80E-04	2.57E-04	2.55E-04	3.89E-04	3.58E-04	9.05E-04	1.38E-03	1.27E-03
2831	387627.74, 3749109.85	3.915	5.99	5.494	1.85E-04	2.83E-04	2.59E-04	2.57E-04	3.93E-04	3.60E-04	9.10E-04	1.39E-03	1.28E-03
2832	387627.74, 3749134.85	3.927	6.03	5.523	1.85E-04	2.85E-04	2.61E-04	2.58E-04	3.96E-04	3.62E-04	9.13E-04	1.40E-03	1.28E-03
2833	387627.74, 3749159.85	3.929	6.052	5.54	1.86E-04	2.86E-04	2.62E-04	2.58E-04	3.97E-04	3.64E-04	9.13E-04	1.41E-03	1.29E-03
2834	387627.74, 3749184.85	3.922	6.061	5.547	1.85E-04	2.86E-04	2.62E-04	2.57E-04	3.98E-04	3.64E-04	9.12E-04	1.41E-03	1.29E-03
2835	387627.74, 3749209.85	3.909	6.059	5.542	1.85E-04	2.86E-04	2.62E-04	2.56E-04	3.98E-04	3.64E-04	9.09E-04	1.41E-03	1.29E-03
2836	387627.74, 3749234.85	3.892	6.052	5.529	1.84E-04	2.86E-04	2.61E-04	2.55E-04	3.97E-04	3.63E-04	9.05E-04	1.41E-03	1.29E-03
2837	387627.74, 3749259.85	3.872	6.038	5.516	1.83E-04	2.85E-04	2.60E-04	2.54E-04	3.96E-04	3.62E-04	9.00E-04	1.40E-03	1.28E-03
2838	387627.74, 3749284.85	3.851	6.02	5.497	1.82E-04	2.84E-04	2.60E-04	2.53E-04	3.95E-04	3.61E-04	8.95E-04	1.40E-03	1.28E-03
2839	387627.74, 3749309.85	3.828	5.999	5.475	1.81E-04	2.83E-04	2.59E-04	2.51E-04	3.94E-04	3.59E-04	8.90E-04	1.39E-03	1.27E-03
2840	387627.74, 3749334.85	3.803	5.974	5.449	1.80E-04	2.82E-04	2.57E-04	2.50E-04	3.92E-04	3.58E-04	8.84E-04	1.39E-03	1.27E-03
2841	387627.74, 3749359.85	3.777	5.945	5.42	1.78E-04	2.81E-04	2.56E-04	2.48E-04	3.90E-04	3.56E-04	8.78E-04	1.38E-03	1.26E-03
2842	387627.74, 3749384.85	3.751	5.917	5.393	1.77E-04	2.79E-04	2.55E-04	2.46E-04	3.88E-04	3.54E-04	8.72E-04	1.38E-03	1.25E-03
2843	387627.74, 3749409.85	3.723	5.889	5.373	1.76E-04	2.78E-04	2.54E-04	2.44E-04	3.86E-04	3.53E-04	8.65E-04	1.37E-03	1.25E-03
2844	387627.74, 3749434.85	3.699	5.86	5.34	1.75E-04	2.77E-04	2.52E-04	2.43E-04	3.84E-04	3.50E-04	8.60E-04	1.36E-03	1.24E-03
2845	387627.74, 3749459.85	3.676	5.829	5.308	1.74E-04	2.75E-04	2.51E-04	2.41E-04	3.82E-04	3.48E-04	8.55E-04	1.36E-03	1.23E-03
2846	387627.74, 3749484.85	3.655	5.8	5.275	1.73E-04	2.74E-04	2.49E-04	2.40E-04	3.81E-04	3.46E-04	8.50E-04	1.35E-03	1.23E-03
2847	387627.74, 3749509.85	3.635	5.773	5.247	1.72E-04	2.73E-04	2.48E-04	2.39E-04	3.79E-04	3.44E-04	8.45E-04	1.34E-03	1.22E-03
2848	387627.74, 3749534.85	3.618	5.746	5.221	1.71E-04	2.71E-04	2.47E-04	2.37E-04	3.77E-04	3.43E-04	8.41E-04	1.34E-03	1.21E-03
2849	387627.74, 3749559.85	3.599	5.716	5.195	1.70E-04	2.70E-04	2.45E-04	2.36E-04	3.75E-04	3.41E-04	8.37E-04	1.33E-03	1.21E-03
2850	387627.74, 3749584.85	3.579	5.685	5.163	1.69E-04	2.68E-04	2.44E-04	2.35E-04	3.73E-04	3.39E-04	8.32E-04	1.32E-03	1.20E-03
2851	387627.74, 3749609.85	3.561	5.662	5.129	1.68E-04	2.67E-04	2.42E-04	2.34E-04	3.72E-04	3.37E-04	8.28E-04	1.32E-03	1.19E-03
2852	387627.74, 3749634.85	3.535	5.628	5.102	1.67E-04	2.66E-04	2.41E-04	2.32E-04	3.69E-04	3.35E-04	8.22E-04	1.31E-03	1.19E-03
2853	387627.74, 3749659.85	3.51	5.588	5.068	1.66E-04	2.64E-04	2.39E-04	2.30E-04	3.67E-04	3.33E-04	8.16E-04	1.30E-03	1.18E-03
2854	387627.74, 3749684.85	3.493	5.575	5.05	1.65E-04	2.63E-04	2.38E-04	2.29E-04	3.66E-04	3.31E-04	8.12E-04	1.30E-03	1.17E-03
2855	387627.74, 3749709.85	3.469	5.545	5.018	1.64E-04	2.62E-04	2.37E-04	2.28E-04	3.64E-04	3.29E-04	8.06E-04	1.29E-03	1.17E-03
2856	387627.74, 3749734.85	3.449	5.521	4.992	1.63E-04	2.61E-04	2.36E-04	2.26E-04	3.62E-04	3.28E-04	8.02E-04	1.28E-03	1.16E-03
2857	387627.74, 3749759.85	3.425	5.486	4.962	1.62E-04	2.59E-04	2.34E-04	2.25E-04	3.60E-04	3.26E-04	7.96E-04	1.28E-03	1.15E-03
2858	387627.74, 3749784.85	3.399	5.448	4.927	1.61E-04	2.57E-04	2.33E-04	2.23E-04	3.57E-04	3.23E-04	7.90E-04	1.27E-03	1.15E-03
2859	387627.74, 3749809.85	3.372	5.41	4.891	1.59E-04	2.55E-04	2.31E-04	2.21E-04	3.55E-04	3.21E-04	7.84E-04	1.26E-03	1.14E-03
2860	387627.74, 3749834.85	3.348	5.366	4.857	1.58E-04	2.53E-04	2.29E-04	2.20E-04	3.52E-04	3.19E-04	7.78E-04	1.25E-03	1.13E-03
2861	387627.74, 3749859.85	3.316	5.328	4.815	1.57E-04	2.52E-04	2.27E-04	2.18E-04	3.50E-04	3.16E-04	7.71E-04	1.24E-03	1.12E-03
2862	387627.74, 3749884.85	3.288	5.286	4.777	1.55E-04	2.50E-04	2.26E-04	2.16E-04	3.47E-04	3.13E-04	7.64E-04	1.23E-03	1.11E-03
2863	387627.74, 3749909.85	3.26	5.245	4.739	1.54E-04	2.48E-04	2.24E-04	2.14E-04	3.44E-04	3.11E-04	7.58E-04	1.22E-03	1.10E-03
2864	387627.74, 3749934.85	3.225	5.188	4.693	1.52E-04	2.45E-04	2.22E-04	2.12E-04	3.40E-04	3.08E-04	7.50E-04	1.21E-03	1.09E-03
2865	387652.74, 3748984.85	2.959	4.617	4.255	1.40E-04	2.18E-04	2.01E-04	1.94E-04	3.03E-04	2.79E-04	6.88E-04	1.07E-03	9.89E-04

2866	387652.74, 3749009.85	3.139	4.825	4.429	1.48E-04	2.28E-04	2.09E-04	2.06E-04	3.17E-04	2.91E-04	7.30E-04	1.12E-03	1.03E-03
2867	387652.74, 3749034.85	3.267	4.994	4.578	1.54E-04	2.36E-04	2.16E-04	2.14E-04	3.28E-04	3.00E-04	7.59E-04	1.16E-03	1.06E-03
2868	387652.74, 3749059.85	3.352	5.121	4.695	1.58E-04	2.42E-04	2.22E-04	2.20E-04	3.36E-04	3.08E-04	7.79E-04	1.19E-03	1.09E-03
2869	387652.74, 3749084.85	3.407	5.215	4.777	1.61E-04	2.46E-04	2.26E-04	2.24E-04	3.42E-04	3.13E-04	7.92E-04	1.21E-03	1.11E-03
2870	387652.74, 3749109.85	3.443	5.283	4.838	1.63E-04	2.50E-04	2.28E-04	2.26E-04	3.47E-04	3.17E-04	8.00E-04	1.23E-03	1.12E-03
2871	387652.74, 3749134.85	3.464	5.332	4.878	1.64E-04	2.52E-04	2.30E-04	2.27E-04	3.50E-04	3.20E-04	8.05E-04	1.24E-03	1.13E-03
2872	387652.74, 3749159.85	3.475	5.366	4.903	1.64E-04	2.53E-04	2.32E-04	2.28E-04	3.52E-04	3.22E-04	8.08E-04	1.25E-03	1.14E-03
2873	387652.74, 3749184.85	3.479	5.388	4.921	1.64E-04	2.54E-04	2.32E-04	2.28E-04	3.54E-04	3.23E-04	8.09E-04	1.25E-03	1.14E-03
2874	387652.74, 3749209.85	3.477	5.401	4.931	1.64E-04	2.55E-04	2.33E-04	2.28E-04	3.54E-04	3.24E-04	8.08E-04	1.26E-03	1.15E-03
2875	387652.74, 3749234.85	3.469	5.404	4.93	1.64E-04	2.55E-04	2.33E-04	2.28E-04	3.55E-04	3.24E-04	8.06E-04	1.26E-03	1.15E-03
2876	387652.74, 3749259.85	3.457	5.403	4.923	1.63E-04	2.55E-04	2.33E-04	2.27E-04	3.55E-04	3.23E-04	8.04E-04	1.26E-03	1.14E-03
2877	387652.74, 3749284.85	3.444	5.398	4.917	1.63E-04	2.55E-04	2.32E-04	2.26E-04	3.54E-04	3.23E-04	8.01E-04	1.25E-03	1.14E-03
2878	387652.74, 3749309.85	3.43	5.39	4.908	1.62E-04	2.55E-04	2.32E-04	2.25E-04	3.54E-04	3.22E-04	7.97E-04	1.25E-03	1.14E-03
2879	387652.74, 3749334.85	3.413	5.378	4.895	1.61E-04	2.54E-04	2.31E-04	2.24E-04	3.53E-04	3.21E-04	7.93E-04	1.25E-03	1.14E-03
2880	387652.74, 3749359.85	3.398	5.363	4.878	1.60E-04	2.53E-04	2.30E-04	2.23E-04	3.52E-04	3.20E-04	7.90E-04	1.25E-03	1.13E-03
2881	387652.74, 3749384.85	3.383	5.347	4.863	1.60E-04	2.53E-04	2.30E-04	2.22E-04	3.51E-04	3.19E-04	7.87E-04	1.24E-03	1.13E-03
2882	387652.74, 3749409.85	3.364	5.332	4.852	1.59E-04	2.52E-04	2.29E-04	2.21E-04	3.50E-04	3.18E-04	7.82E-04	1.24E-03	1.13E-03
2883	387652.74, 3749434.85	3.349	5.313	4.83	1.58E-04	2.51E-04	2.28E-04	2.20E-04	3.49E-04	3.17E-04	7.79E-04	1.24E-03	1.12E-03
2884	387652.74, 3749459.85	3.334	5.295	4.807	1.57E-04	2.50E-04	2.27E-04	2.19E-04	3.47E-04	3.15E-04	7.75E-04	1.23E-03	1.12E-03
2885	387652.74, 3749484.85	3.319	5.276	4.787	1.57E-04	2.49E-04	2.26E-04	2.18E-04	3.46E-04	3.14E-04	7.72E-04	1.23E-03	1.11E-03
2886	387652.74, 3749509.85	3.307	5.258	4.77	1.56E-04	2.48E-04	2.25E-04	2.17E-04	3.45E-04	3.13E-04	7.69E-04	1.22E-03	1.11E-03
2887	387652.74, 3749534.85	3.296	5.24	4.753	1.56E-04	2.47E-04	2.24E-04	2.16E-04	3.44E-04	3.12E-04	7.66E-04	1.22E-03	1.11E-03
2888	387652.74, 3749559.85	3.282	5.221	4.735	1.55E-04	2.47E-04	2.24E-04	2.15E-04	3.43E-04	3.11E-04	7.63E-04	1.21E-03	1.10E-03
2889	387652.74, 3749584.85	3.269	5.199	4.713	1.54E-04	2.46E-04	2.23E-04	2.14E-04	3.41E-04	3.09E-04	7.60E-04	1.21E-03	1.10E-03
2890	387652.74, 3749609.85	3.262	5.186	4.694	1.54E-04	2.45E-04	2.22E-04	2.14E-04	3.40E-04	3.08E-04	7.58E-04	1.21E-03	1.09E-03
2891	387652.74, 3749634.85	3.242	5.163	4.672	1.53E-04	2.44E-04	2.21E-04	2.13E-04	3.39E-04	3.07E-04	7.54E-04	1.20E-03	1.09E-03
2892	387652.74, 3749659.85	3.224	5.136	4.651	1.52E-04	2.43E-04	2.20E-04	2.12E-04	3.37E-04	3.05E-04	7.49E-04	1.19E-03	1.08E-03
2893	387652.74, 3749684.85	3.218	5.139	4.648	1.52E-04	2.43E-04	2.20E-04	2.11E-04	3.37E-04	3.05E-04	7.48E-04	1.19E-03	1.08E-03
2894	387652.74, 3749709.85	3.198	5.115	4.626	1.51E-04	2.42E-04	2.18E-04	2.10E-04	3.36E-04	3.04E-04	7.44E-04	1.19E-03	1.08E-03
2895	387652.74, 3749734.85	3.173	5.076	4.594	1.50E-04	2.40E-04	2.17E-04	2.08E-04	3.33E-04	3.01E-04	7.38E-04	1.18E-03	1.07E-03
2896	387677.74, 3748984.85	2.579	4.095	3.767	1.22E-04	1.93E-04	1.78E-04	1.69E-04	2.69E-04	2.47E-04	6.00E-04	9.52E-04	8.76E-04
2897	387677.74, 3749009.85	2.746	4.268	3.921	1.30E-04	2.02E-04	1.85E-04	1.80E-04	2.80E-04	2.57E-04	6.38E-04	9.92E-04	9.11E-04
2898	387677.74, 3749034.85	2.871	4.427	4.052	1.36E-04	2.09E-04	1.91E-04	1.88E-04	2.90E-04	2.66E-04	6.67E-04	1.03E-03	9.42E-04
2899	387677.74, 3749059.85	2.959	4.548	4.159	1.40E-04	2.15E-04	1.96E-04	1.94E-04	2.98E-04	2.73E-04	6.88E-04	1.06E-03	9.67E-04
2900	387677.74, 3749084.85	3.021	4.644	4.242	1.43E-04	2.19E-04	2.00E-04	1.98E-04	3.05E-04	2.78E-04	7.02E-04	1.08E-03	9.86E-04
2901	387677.74, 3749109.85	3.062	4.716	4.306	1.45E-04	2.23E-04	2.03E-04	2.01E-04	3.09E-04	2.83E-04	7.12E-04	1.10E-03	1.00E-03
2902	387677.74, 3749134.85	3.09	4.77	4.353	1.46E-04	2.25E-04	2.06E-04	2.03E-04	3.13E-04	2.86E-04	7.18E-04	1.11E-03	1.01E-03
2903	387677.74, 3749159.85	3.108	4.811	4.388	1.47E-04	2.27E-04	2.07E-04	2.04E-04	3.16E-04	2.88E-04	7.23E-04	1.12E-03	1.02E-03
2904	387677.74, 3749184.85	3.119	4.842	4.414	1.47E-04	2.29E-04	2.08E-04	2.05E-04	3.18E-04	2.90E-04	7.25E-04	1.13E-03	1.03E-03
2905	387677.74, 3749209.85	3.124	4.862	4.431	1.48E-04	2.30E-04	2.09E-04	2.05E-04	3.19E-04	2.91E-04	7.26E-04	1.13E-03	1.03E-03
2906	387677.74, 3749234.85	3.125	4.876	4.443	1.48E-04	2.30E-04	2.10E-04	2.05E-04	3.20E-04	2.92E-04	7.26E-04	1.13E-03	1.03E-03

2907	387677.74, 3749259.85	3.12	4.884	4.449	1.47E-04	2.31E-04	2.10E-04	2.05E-04	3.20E-04	2.92E-04	7.25E-04	1.14E-03	1.03E-03
2908	387677.74, 3749284.85	3.115	4.888	4.45	1.47E-04	2.31E-04	2.10E-04	2.04E-04	3.21E-04	2.92E-04	7.24E-04	1.14E-03	1.03E-03
2909	387677.74, 3749309.85	3.109	4.889	4.449	1.47E-04	2.31E-04	2.10E-04	2.04E-04	3.21E-04	2.92E-04	7.23E-04	1.14E-03	1.03E-03
2910	387677.74, 3749334.85	3.103	4.886	4.445	1.47E-04	2.31E-04	2.10E-04	2.04E-04	3.21E-04	2.92E-04	7.21E-04	1.14E-03	1.03E-03
2911	387677.74, 3749359.85	3.089	4.88	4.432	1.46E-04	2.30E-04	2.09E-04	2.03E-04	3.20E-04	2.91E-04	7.18E-04	1.13E-03	1.03E-03
2912	387677.74, 3749384.85	3.079	4.873	4.426	1.45E-04	2.30E-04	2.09E-04	2.02E-04	3.20E-04	2.90E-04	7.16E-04	1.13E-03	1.03E-03
2913	387677.74, 3749409.85	3.07	4.865	4.416	1.45E-04	2.30E-04	2.09E-04	2.01E-04	3.19E-04	2.90E-04	7.14E-04	1.13E-03	1.03E-03
2914	387677.74, 3749434.85	3.061	4.854	4.402	1.45E-04	2.29E-04	2.08E-04	2.01E-04	3.19E-04	2.89E-04	7.12E-04	1.13E-03	1.02E-03
2915	387677.74, 3749459.85	3.051	4.843	4.389	1.44E-04	2.29E-04	2.07E-04	2.00E-04	3.18E-04	2.88E-04	7.09E-04	1.13E-03	1.02E-03
2916	387677.74, 3749484.85	3.043	4.831	4.378	1.44E-04	2.28E-04	2.07E-04	2.00E-04	3.17E-04	2.87E-04	7.08E-04	1.12E-03	1.02E-03
2917	387677.74, 3749509.85	3.027	4.809	4.361	1.43E-04	2.27E-04	2.06E-04	1.99E-04	3.16E-04	2.86E-04	7.04E-04	1.12E-03	1.01E-03
2918	387677.74, 3749534.85	3.017	4.797	4.348	1.43E-04	2.27E-04	2.05E-04	1.98E-04	3.15E-04	2.85E-04	7.02E-04	1.12E-03	1.01E-03
2919	387677.74, 3749559.85	3.001	4.776	4.326	1.42E-04	2.26E-04	2.04E-04	1.97E-04	3.13E-04	2.84E-04	6.98E-04	1.11E-03	1.01E-03
2920	387702.74, 3748984.85	2.283	3.68	3.378	1.08E-04	1.74E-04	1.60E-04	1.50E-04	2.41E-04	2.22E-04	5.31E-04	8.56E-04	7.85E-04
2921	387702.74, 3749009.85	2.426	3.821	3.503	1.15E-04	1.80E-04	1.65E-04	1.59E-04	2.51E-04	2.30E-04	5.64E-04	8.88E-04	8.14E-04
2922	387702.74, 3749034.85	2.54	3.952	3.619	1.20E-04	1.87E-04	1.71E-04	1.67E-04	2.59E-04	2.37E-04	5.91E-04	9.19E-04	8.41E-04
2923	387702.74, 3749059.85	2.636	4.077	3.727	1.24E-04	1.93E-04	1.76E-04	1.73E-04	2.68E-04	2.45E-04	6.13E-04	9.48E-04	8.67E-04
2924	387702.74, 3749084.85	2.703	4.172	3.813	1.28E-04	1.97E-04	1.80E-04	1.77E-04	2.74E-04	2.50E-04	6.29E-04	9.70E-04	8.86E-04
2925	387702.74, 3749109.85	2.753	4.25	3.878	1.30E-04	2.01E-04	1.83E-04	1.81E-04	2.79E-04	2.54E-04	6.40E-04	9.88E-04	9.02E-04
2926	387702.74, 3749134.85	2.786	4.308	3.931	1.32E-04	2.03E-04	1.86E-04	1.83E-04	2.83E-04	2.58E-04	6.48E-04	1.00E-03	9.14E-04
2927	387702.74, 3749159.85	2.811	4.355	3.972	1.33E-04	2.06E-04	1.88E-04	1.84E-04	2.86E-04	2.61E-04	6.54E-04	1.01E-03	9.23E-04
2928	387702.74, 3749184.85	2.829	4.391	4.006	1.34E-04	2.07E-04	1.89E-04	1.86E-04	2.88E-04	2.63E-04	6.58E-04	1.02E-03	9.31E-04
2929	387702.74, 3749209.85	2.84	4.419	4.029	1.34E-04	2.09E-04	1.90E-04	1.86E-04	2.90E-04	2.64E-04	6.60E-04	1.03E-03	9.37E-04
2930	387702.74, 3749234.85	2.846	4.439	4.045	1.34E-04	2.10E-04	1.91E-04	1.87E-04	2.91E-04	2.65E-04	6.62E-04	1.03E-03	9.40E-04
2931	387702.74, 3749259.85	2.85	4.455	4.057	1.35E-04	2.10E-04	1.92E-04	1.87E-04	2.92E-04	2.66E-04	6.63E-04	1.04E-03	9.43E-04
2932	387702.74, 3749284.85	2.85	4.465	4.063	1.35E-04	2.11E-04	1.92E-04	1.87E-04	2.93E-04	2.67E-04	6.63E-04	1.04E-03	9.45E-04
2933	387702.74, 3749309.85	2.85	4.475	4.07	1.35E-04	2.11E-04	1.92E-04	1.87E-04	2.94E-04	2.67E-04	6.63E-04	1.04E-03	9.46E-04
2934	387702.74, 3749334.85	2.846	4.478	4.071	1.34E-04	2.11E-04	1.92E-04	1.87E-04	2.94E-04	2.67E-04	6.62E-04	1.04E-03	9.47E-04
2935	387702.74, 3749359.85	2.84	4.477	4.068	1.34E-04	2.11E-04	1.92E-04	1.86E-04	2.94E-04	2.67E-04	6.60E-04	1.04E-03	9.46E-04
2936	387702.74, 3749384.85	2.832	4.473	4.062	1.34E-04	2.11E-04	1.92E-04	1.86E-04	2.94E-04	2.67E-04	6.58E-04	1.04E-03	9.44E-04
2937	387727.74, 3748984.85	2.044	3.346	3.06	9.65E-05	1.58E-04	1.45E-04	1.34E-04	2.20E-04	2.01E-04	4.75E-04	7.78E-04	7.11E-04
2938	387727.74, 3749009.85	2.178	3.476	3.188	1.03E-04	1.64E-04	1.51E-04	1.43E-04	2.28E-04	2.09E-04	5.06E-04	8.08E-04	7.41E-04
2939	387727.74, 3749034.85	2.29	3.596	3.29	1.08E-04	1.70E-04	1.55E-04	1.50E-04	2.36E-04	2.16E-04	5.32E-04	8.36E-04	7.65E-04
2940	387727.74, 3749059.85	2.375	3.706	3.38	1.12E-04	1.75E-04	1.60E-04	1.56E-04	2.43E-04	2.22E-04	5.52E-04	8.62E-04	7.86E-04
2941	387727.74, 3749084.85	2.446	3.798	3.465	1.15E-04	1.79E-04	1.64E-04	1.60E-04	2.49E-04	2.27E-04	5.69E-04	8.83E-04	8.06E-04
2942	387727.74, 3749109.85	2.496	3.871	3.532	1.18E-04	1.83E-04	1.67E-04	1.64E-04	2.54E-04	2.32E-04	5.80E-04	9.00E-04	8.21E-04
2943	387727.74, 3749134.85	2.533	3.931	3.587	1.20E-04	1.86E-04	1.69E-04	1.66E-04	2.58E-04	2.35E-04	5.89E-04	9.14E-04	8.34E-04
2944	387727.74, 3749159.85	2.56	3.979	3.63	1.21E-04	1.88E-04	1.71E-04	1.68E-04	2.61E-04	2.38E-04	5.95E-04	9.25E-04	8.44E-04
2945	387727.74, 3749184.85	2.575	4.013	3.661	1.22E-04	1.90E-04	1.73E-04	1.69E-04	2.63E-04	2.40E-04	5.99E-04	9.33E-04	8.51E-04
2946	387752.74, 3748984.85	1.848	3.069	2.795	8.73E-05	1.45E-04	1.32E-04	1.21E-04	2.01E-04	1.83E-04	4.30E-04	7.14E-04	6.50E-04
2947	387752.74, 3749009.85	1.969	3.184	2.913	9.30E-05	1.50E-04	1.38E-04	1.29E-04	2.09E-04	1.91E-04	4.58E-04	7.40E-04	6.77E-04

2948	387419.61, 3751582.97	2.997	4.762	4.318	1.42E-04	2.25E-04	2.04E-04	1.97E-04	3.12E-04	2.83E-04	6.97E-04	1.11E-03	1.00E-03
2949	387419.61, 3751632.97	2.883	4.549	4.136	1.36E-04	2.15E-04	1.95E-04	1.89E-04	2.98E-04	2.71E-04	6.70E-04	1.06E-03	9.61E-04
2950	387419.61, 3751682.97	2.767	4.341	3.958	1.31E-04	2.05E-04	1.87E-04	1.82E-04	2.85E-04	2.60E-04	6.43E-04	1.01E-03	9.20E-04
2951	387419.61, 3751732.97	2.638	4.135	3.77	1.25E-04	1.95E-04	1.78E-04	1.73E-04	2.71E-04	2.47E-04	6.13E-04	9.61E-04	8.76E-04
2952	387419.61, 3751782.97	2.49	3.921	3.551	1.18E-04	1.85E-04	1.68E-04	1.63E-04	2.57E-04	2.33E-04	5.79E-04	9.12E-04	8.25E-04
2953	387419.61, 3751832.97	2.319	3.691	3.329	1.10E-04	1.74E-04	1.57E-04	1.52E-04	2.42E-04	2.18E-04	5.39E-04	8.58E-04	7.74E-04
2954	387469.61, 3751182.97	3.223	5.208	4.697	1.52E-04	2.46E-04	2.22E-04	2.11E-04	3.42E-04	3.08E-04	7.49E-04	1.21E-03	1.09E-03
2955	387469.61, 3751232.97	3.145	5.077	4.578	1.49E-04	2.40E-04	2.16E-04	2.06E-04	3.33E-04	3.00E-04	7.31E-04	1.18E-03	1.06E-03
2956	387469.61, 3751282.97	3.072	4.934	4.465	1.45E-04	2.33E-04	2.11E-04	2.02E-04	3.24E-04	2.93E-04	7.14E-04	1.15E-03	1.04E-03
2957	387469.61, 3751332.97	2.989	4.792	4.346	1.41E-04	2.26E-04	2.05E-04	1.96E-04	3.14E-04	2.85E-04	6.95E-04	1.11E-03	1.01E-03
2958	387469.61, 3751382.97	2.907	4.659	4.215	1.37E-04	2.20E-04	1.99E-04	1.91E-04	3.06E-04	2.77E-04	6.76E-04	1.08E-03	9.80E-04
2959	387469.61, 3751432.97	2.83	4.528	4.091	1.34E-04	2.14E-04	1.93E-04	1.86E-04	2.97E-04	2.68E-04	6.58E-04	1.05E-03	9.51E-04
2960	387469.61, 3751482.97	2.748	4.389	3.97	1.30E-04	2.07E-04	1.87E-04	1.80E-04	2.88E-04	2.60E-04	6.39E-04	1.02E-03	9.23E-04
2961	387469.61, 3751532.97	2.664	4.239	3.839	1.26E-04	2.00E-04	1.81E-04	1.75E-04	2.78E-04	2.52E-04	6.19E-04	9.86E-04	8.93E-04
2962	387469.61, 3751582.97	2.576	4.076	3.703	1.22E-04	1.92E-04	1.75E-04	1.69E-04	2.67E-04	2.43E-04	5.99E-04	9.48E-04	8.61E-04
2963	387469.61, 3751632.97	2.48	3.906	3.567	1.17E-04	1.84E-04	1.68E-04	1.63E-04	2.56E-04	2.34E-04	5.76E-04	9.08E-04	8.29E-04
2964	387469.61, 3751682.97	2.382	3.745	3.418	1.12E-04	1.77E-04	1.61E-04	1.56E-04	2.46E-04	2.24E-04	5.54E-04	8.71E-04	7.95E-04
2965	387469.61, 3751732.97	2.278	3.597	3.269	1.08E-04	1.70E-04	1.54E-04	1.49E-04	2.36E-04	2.14E-04	5.30E-04	8.36E-04	7.60E-04
2966	387469.61, 3751782.97	2.155	3.432	3.104	1.02E-04	1.62E-04	1.47E-04	1.41E-04	2.25E-04	2.04E-04	5.01E-04	7.98E-04	7.22E-04
2967	387469.61, 3751832.97	2.016	3.249	2.922	9.52E-05	1.53E-04	1.38E-04	1.32E-04	2.13E-04	1.92E-04	4.69E-04	7.55E-04	6.79E-04
2968	387519.61, 3750832.97	3.231	5.216	4.709	1.53E-04	2.46E-04	2.22E-04	2.12E-04	3.42E-04	3.09E-04	7.51E-04	1.21E-03	1.09E-03
2969	387519.61, 3750882.97	3.163	5.103	4.606	1.49E-04	2.41E-04	2.18E-04	2.08E-04	3.35E-04	3.02E-04	7.35E-04	1.19E-03	1.07E-03
2970	387519.61, 3750932.97	3.085	4.999	4.504	1.46E-04	2.36E-04	2.13E-04	2.02E-04	3.28E-04	2.96E-04	7.17E-04	1.16E-03	1.05E-03
2971	387519.61, 3750982.97	3.02	4.892	4.408	1.43E-04	2.31E-04	2.08E-04	1.98E-04	3.21E-04	2.89E-04	7.02E-04	1.14E-03	1.02E-03
2972	387519.61, 3751032.97	2.96	4.787	4.322	1.40E-04	2.26E-04	2.04E-04	1.94E-04	3.14E-04	2.84E-04	6.88E-04	1.11E-03	1.00E-03
2973	387519.61, 3751082.97	2.9	4.672	4.221	1.37E-04	2.21E-04	1.99E-04	1.90E-04	3.07E-04	2.77E-04	6.74E-04	1.09E-03	9.81E-04
2974	387519.61, 3751132.97	2.837	4.573	4.122	1.34E-04	2.16E-04	1.95E-04	1.86E-04	3.00E-04	2.70E-04	6.60E-04	1.06E-03	9.58E-04
2975	387519.61, 3751182.97	2.782	4.485	4.042	1.31E-04	2.12E-04	1.91E-04	1.83E-04	2.94E-04	2.65E-04	6.47E-04	1.04E-03	9.40E-04
2976	387519.61, 3751232.97	2.72	4.393	3.956	1.28E-04	2.07E-04	1.87E-04	1.79E-04	2.88E-04	2.60E-04	6.32E-04	1.02E-03	9.20E-04
2977	387519.61, 3751282.97	2.658	4.263	3.859	1.26E-04	2.01E-04	1.82E-04	1.74E-04	2.80E-04	2.53E-04	6.18E-04	9.91E-04	8.97E-04
2978	387519.61, 3751332.97	2.592	4.161	3.766	1.22E-04	1.96E-04	1.78E-04	1.70E-04	2.73E-04	2.47E-04	6.03E-04	9.67E-04	8.76E-04
2979	387519.61, 3751382.97	2.528	4.048	3.664	1.19E-04	1.91E-04	1.73E-04	1.66E-04	2.66E-04	2.40E-04	5.88E-04	9.41E-04	8.52E-04
2980	387519.61, 3751432.97	2.464	3.939	3.56	1.16E-04	1.86E-04	1.68E-04	1.62E-04	2.58E-04	2.34E-04	5.73E-04	9.16E-04	8.28E-04
2981	387519.61, 3751482.97	2.397	3.825	3.454	1.13E-04	1.81E-04	1.63E-04	1.57E-04	2.51E-04	2.27E-04	5.57E-04	8.89E-04	8.03E-04
2982	387519.61, 3751532.97	2.331	3.7	3.362	1.10E-04	1.75E-04	1.59E-04	1.53E-04	2.43E-04	2.21E-04	5.42E-04	8.60E-04	7.82E-04
2983	387519.61, 3751582.97	2.255	3.565	3.252	1.07E-04	1.68E-04	1.54E-04	1.48E-04	2.34E-04	2.13E-04	5.24E-04	8.29E-04	7.56E-04
2984	387519.61, 3751632.97	2.179	3.43	3.137	1.03E-04	1.62E-04	1.48E-04	1.43E-04	2.25E-04	2.06E-04	5.07E-04	7.97E-04	7.29E-04
2985	387519.61, 3751682.97	2.097	3.309	3.017	9.90E-05	1.56E-04	1.43E-04	1.38E-04	2.17E-04	1.98E-04	4.87E-04	7.69E-04	7.02E-04
2986	387519.61, 3751732.97	2.006	3.188	2.889	9.47E-05	1.51E-04	1.36E-04	1.32E-04	2.09E-04	1.90E-04	4.66E-04	7.41E-04	6.72E-04
2987	387519.61, 3751782.97	1.905	3.059	2.765	8.99E-05	1.44E-04	1.31E-04	1.25E-04	2.01E-04	1.81E-04	4.43E-04	7.11E-04	6.43E-04
2988	387519.61, 3751832.97	1.789	2.914	2.615	8.45E-05	1.38E-04	1.24E-04	1.17E-04	1.91E-04	1.72E-04	4.16E-04	6.77E-04	6.08E-04

2989	387569.61, 3750432.97	3.219	5.196	4.704	1.52E-04	2.45E-04	2.22E-04	2.11E-04	3.41E-04	3.09E-04	7.48E-04	1.21E-03	1.09E-03
2990	387569.61, 3750482.97	3.161	5.102	4.622	1.49E-04	2.41E-04	2.18E-04	2.07E-04	3.35E-04	3.03E-04	7.35E-04	1.19E-03	1.07E-03
2991	387569.61, 3750532.97	3.11	5.023	4.538	1.47E-04	2.37E-04	2.14E-04	2.04E-04	3.30E-04	2.98E-04	7.23E-04	1.17E-03	1.06E-03
2992	387569.61, 3750582.97	3.055	4.931	4.459	1.44E-04	2.33E-04	2.11E-04	2.00E-04	3.24E-04	2.93E-04	7.10E-04	1.15E-03	1.04E-03
2993	387569.61, 3750632.97	3.015	4.871	4.399	1.42E-04	2.30E-04	2.08E-04	1.98E-04	3.20E-04	2.89E-04	7.01E-04	1.13E-03	1.02E-03
2994	387569.61, 3750682.97	2.945	4.755	4.296	1.39E-04	2.25E-04	2.03E-04	1.93E-04	3.12E-04	2.82E-04	6.85E-04	1.11E-03	9.99E-04
2995	387569.61, 3750732.97	2.906	4.721	4.25	1.37E-04	2.23E-04	2.01E-04	1.91E-04	3.10E-04	2.79E-04	6.75E-04	1.10E-03	9.88E-04
2996	387569.61, 3750782.97	2.852	4.635	4.172	1.35E-04	2.19E-04	1.97E-04	1.87E-04	3.04E-04	2.74E-04	6.63E-04	1.08E-03	9.70E-04
2997	387569.61, 3750832.97	2.796	4.531	4.084	1.32E-04	2.14E-04	1.93E-04	1.83E-04	2.97E-04	2.68E-04	6.50E-04	1.05E-03	9.50E-04
2998	387569.61, 3750882.97	2.748	4.436	4.004	1.30E-04	2.10E-04	1.89E-04	1.80E-04	2.91E-04	2.63E-04	6.39E-04	1.03E-03	9.31E-04
2999	387569.61, 3750932.97	2.693	4.346	3.926	1.27E-04	2.05E-04	1.85E-04	1.77E-04	2.85E-04	2.58E-04	6.26E-04	1.01E-03	9.13E-04
3000	387569.61, 3750982.97	2.637	4.261	3.848	1.25E-04	2.01E-04	1.82E-04	1.73E-04	2.80E-04	2.52E-04	6.13E-04	9.91E-04	8.95E-04
3001	387569.61, 3751032.97	2.587	4.175	3.771	1.22E-04	1.97E-04	1.78E-04	1.70E-04	2.74E-04	2.47E-04	6.02E-04	9.71E-04	8.77E-04
3002	387569.61, 3751082.97	2.539	4.089	3.69	1.20E-04	1.93E-04	1.74E-04	1.67E-04	2.68E-04	2.42E-04	5.90E-04	9.51E-04	8.58E-04
3003	387569.61, 3751132.97	2.491	4.006	3.614	1.18E-04	1.89E-04	1.71E-04	1.63E-04	2.63E-04	2.37E-04	5.79E-04	9.31E-04	8.40E-04
3004	387569.61, 3751182.97	2.441	3.925	3.54	1.15E-04	1.85E-04	1.67E-04	1.60E-04	2.58E-04	2.32E-04	5.67E-04	9.13E-04	8.23E-04
3005	387569.61, 3751232.97	2.396	3.847	3.474	1.13E-04	1.82E-04	1.64E-04	1.57E-04	2.52E-04	2.28E-04	5.57E-04	8.94E-04	8.08E-04
3006	387569.61, 3751282.97	2.346	3.753	3.401	1.11E-04	1.77E-04	1.61E-04	1.54E-04	2.46E-04	2.23E-04	5.46E-04	8.72E-04	7.91E-04
3007	387569.61, 3751332.97	2.291	3.656	3.319	1.08E-04	1.73E-04	1.57E-04	1.50E-04	2.40E-04	2.18E-04	5.33E-04	8.50E-04	7.72E-04
3008	387569.61, 3751382.97	2.237	3.561	3.231	1.06E-04	1.68E-04	1.53E-04	1.47E-04	2.34E-04	2.12E-04	5.20E-04	8.28E-04	7.51E-04
3009	387569.61, 3751432.97	2.181	3.47	3.143	1.03E-04	1.64E-04	1.48E-04	1.43E-04	2.28E-04	2.06E-04	5.07E-04	8.07E-04	7.31E-04
3010	387569.61, 3751482.97	2.13	3.382	3.084	1.01E-04	1.60E-04	1.46E-04	1.40E-04	2.22E-04	2.02E-04	4.95E-04	7.86E-04	7.17E-04
3011	387569.61, 3751532.97	2.07	3.285	2.996	9.78E-05	1.55E-04	1.41E-04	1.36E-04	2.16E-04	1.97E-04	4.81E-04	7.64E-04	6.96E-04
3012	387569.61, 3751582.97	2.008	3.179	2.903	9.48E-05	1.50E-04	1.37E-04	1.32E-04	2.09E-04	1.90E-04	4.67E-04	7.39E-04	6.75E-04
3013	387569.61, 3751632.97	1.941	3.076	2.808	9.17E-05	1.45E-04	1.33E-04	1.27E-04	2.02E-04	1.84E-04	4.51E-04	7.15E-04	6.53E-04
3014	387569.61, 3751682.97	1.869	2.972	2.71	8.83E-05	1.40E-04	1.28E-04	1.23E-04	1.95E-04	1.78E-04	4.35E-04	6.91E-04	6.30E-04
3015	387569.61, 3751732.97	1.791	2.871	2.599	8.46E-05	1.36E-04	1.23E-04	1.18E-04	1.88E-04	1.71E-04	4.16E-04	6.67E-04	6.04E-04
3016	387569.61, 3751782.97	1.704	2.761	2.49	8.05E-05	1.30E-04	1.18E-04	1.12E-04	1.81E-04	1.63E-04	3.96E-04	6.42E-04	5.79E-04
3017	387569.61, 3751832.97	1.608	2.644	2.358	7.59E-05	1.25E-04	1.11E-04	1.06E-04	1.73E-04	1.55E-04	3.74E-04	6.15E-04	5.48E-04
3018	387619.61, 3750082.97	3.142	5.071	4.576	1.48E-04	2.39E-04	2.16E-04	2.06E-04	3.33E-04	3.00E-04	7.30E-04	1.18E-03	1.06E-03
3019	387619.61, 3750132.97	3.097	5.01	4.511	1.46E-04	2.37E-04	2.13E-04	2.03E-04	3.29E-04	2.96E-04	7.20E-04	1.16E-03	1.05E-03
3020	387619.61, 3750182.97	3.045	4.931	4.439	1.44E-04	2.33E-04	2.10E-04	2.00E-04	3.24E-04	2.91E-04	7.08E-04	1.15E-03	1.03E-03
3021	387619.61, 3750232.97	2.962	4.774	4.315	1.40E-04	2.25E-04	2.04E-04	1.94E-04	3.13E-04	2.83E-04	6.89E-04	1.11E-03	1.00E-03
3022	387619.61, 3750282.97	2.919	4.713	4.263	1.38E-04	2.23E-04	2.01E-04	1.92E-04	3.09E-04	2.80E-04	6.79E-04	1.10E-03	9.91E-04
3023	387619.61, 3750332.97	2.885	4.67	4.208	1.36E-04	2.21E-04	1.99E-04	1.89E-04	3.06E-04	2.76E-04	6.71E-04	1.09E-03	9.78E-04
3024	387619.61, 3750382.97	2.847	4.615	4.154	1.34E-04	2.18E-04	1.96E-04	1.87E-04	3.03E-04	2.73E-04	6.62E-04	1.07E-03	9.66E-04
3025	387619.61, 3750432.97	2.796	4.524	4.077	1.32E-04	2.14E-04	1.93E-04	1.83E-04	2.97E-04	2.68E-04	6.50E-04	1.05E-03	9.48E-04
3026	387619.61, 3750482.97	2.745	4.439	4.021	1.30E-04	2.10E-04	1.90E-04	1.80E-04	2.91E-04	2.64E-04	6.38E-04	1.03E-03	9.35E-04
3027	387619.61, 3750532.97	2.711	4.383	3.964	1.28E-04	2.07E-04	1.87E-04	1.78E-04	2.88E-04	2.60E-04	6.30E-04	1.02E-03	9.22E-04
3028	387619.61, 3750582.97	2.664	4.305	3.895	1.26E-04	2.03E-04	1.84E-04	1.75E-04	2.82E-04	2.56E-04	6.19E-04	1.00E-03	9.05E-04
3029	387619.61, 3750632.97	2.645	4.276	3.862	1.25E-04	2.02E-04	1.82E-04	1.74E-04	2.81E-04	2.53E-04	6.15E-04	9.94E-04	8.98E-04

3030	387619.61, 3750682.97	2.591	4.187	3.785	1.22E-04	1.98E-04	1.79E-04	1.70E-04	2.75E-04	2.48E-04	6.02E-04	9.73E-04	8.80E-04
3031	387619.61, 3750732.97	2.554	4.144	3.731	1.21E-04	1.96E-04	1.76E-04	1.68E-04	2.72E-04	2.45E-04	5.94E-04	9.63E-04	8.67E-04
3032	387619.61, 3750782.97	2.511	4.073	3.666	1.19E-04	1.92E-04	1.73E-04	1.65E-04	2.67E-04	2.41E-04	5.84E-04	9.47E-04	8.52E-04
3033	387619.61, 3750832.97	2.469	4.002	3.604	1.17E-04	1.89E-04	1.70E-04	1.62E-04	2.63E-04	2.36E-04	5.74E-04	9.30E-04	8.38E-04
3034	387619.61, 3750882.97	2.427	3.922	3.536	1.15E-04	1.85E-04	1.67E-04	1.59E-04	2.57E-04	2.32E-04	5.64E-04	9.12E-04	8.22E-04
3035	387619.61, 3750932.97	2.385	3.861	3.479	1.13E-04	1.82E-04	1.64E-04	1.56E-04	2.53E-04	2.28E-04	5.54E-04	8.98E-04	8.09E-04
3036	387619.61, 3750982.97	2.342	3.79	3.416	1.11E-04	1.79E-04	1.61E-04	1.54E-04	2.49E-04	2.24E-04	5.44E-04	8.81E-04	7.94E-04
3037	387619.61, 3751032.97	2.303	3.719	3.351	1.09E-04	1.76E-04	1.58E-04	1.51E-04	2.44E-04	2.20E-04	5.35E-04	8.65E-04	7.79E-04
3038	387619.61, 3751082.97	2.258	3.637	3.283	1.07E-04	1.72E-04	1.55E-04	1.48E-04	2.39E-04	2.15E-04	5.25E-04	8.46E-04	7.63E-04
3039	387619.61, 3751132.97	2.224	3.586	3.233	1.05E-04	1.69E-04	1.53E-04	1.46E-04	2.35E-04	2.12E-04	5.17E-04	8.34E-04	7.52E-04
3040	387619.61, 3751182.97	2.184	3.514	3.169	1.03E-04	1.66E-04	1.50E-04	1.43E-04	2.31E-04	2.08E-04	5.08E-04	8.17E-04	7.37E-04
3041	387619.61, 3751232.97	2.143	3.44	3.105	1.01E-04	1.62E-04	1.47E-04	1.41E-04	2.26E-04	2.04E-04	4.98E-04	8.00E-04	7.22E-04
3042	387619.61, 3751282.97	2.096	3.348	3.035	9.90E-05	1.58E-04	1.43E-04	1.38E-04	2.20E-04	1.99E-04	4.87E-04	7.78E-04	7.06E-04
3043	387619.61, 3751332.97	2.055	3.278	2.972	9.70E-05	1.55E-04	1.40E-04	1.35E-04	2.15E-04	1.95E-04	4.78E-04	7.62E-04	6.91E-04
3044	387619.61, 3751382.97	2.008	3.196	2.913	9.48E-05	1.51E-04	1.38E-04	1.32E-04	2.10E-04	1.91E-04	4.67E-04	7.43E-04	6.77E-04
3045	387619.61, 3751432.97	1.961	3.12	2.846	9.26E-05	1.47E-04	1.34E-04	1.29E-04	2.05E-04	1.87E-04	4.56E-04	7.25E-04	6.62E-04
3046	387619.61, 3751482.97	1.912	3.045	2.774	9.03E-05	1.44E-04	1.31E-04	1.25E-04	2.00E-04	1.82E-04	4.45E-04	7.08E-04	6.45E-04
3047	387619.61, 3751532.97	1.862	2.962	2.701	8.79E-05	1.40E-04	1.28E-04	1.22E-04	1.94E-04	1.77E-04	4.33E-04	6.89E-04	6.28E-04
3048	387619.61, 3751582.97	1.807	2.877	2.624	8.53E-05	1.36E-04	1.24E-04	1.19E-04	1.89E-04	1.72E-04	4.20E-04	6.69E-04	6.10E-04
3049	387619.61, 3751632.97	1.749	2.789	2.545	8.26E-05	1.32E-04	1.20E-04	1.15E-04	1.83E-04	1.67E-04	4.07E-04	6.49E-04	5.92E-04
3050	387619.61, 3751682.97	1.686	2.701	2.453	7.96E-05	1.28E-04	1.16E-04	1.11E-04	1.77E-04	1.61E-04	3.92E-04	6.28E-04	5.70E-04
3051	387619.61, 3751732.97	1.616	2.612	2.363	7.63E-05	1.23E-04	1.12E-04	1.06E-04	1.71E-04	1.55E-04	3.76E-04	6.07E-04	5.49E-04
3052	387619.61, 3751782.97	1.542	2.517	2.271	7.28E-05	1.19E-04	1.07E-04	1.01E-04	1.65E-04	1.49E-04	3.58E-04	5.85E-04	5.28E-04
3053	387619.61, 3751832.97	1.459	2.423	2.148	6.89E-05	1.14E-04	1.01E-04	9.57E-05	1.59E-04	1.41E-04	3.39E-04	5.63E-04	5.00E-04
3054	387669.61, 3749682.97	3.031	4.826	4.381	1.43E-04	2.28E-04	2.07E-04	1.99E-04	3.17E-04	2.87E-04	7.05E-04	1.12E-03	1.02E-03
3055	387669.61, 3749732.97	2.997	4.78	4.34	1.42E-04	2.26E-04	2.05E-04	1.97E-04	3.14E-04	2.85E-04	6.97E-04	1.11E-03	1.01E-03
3056	387669.61, 3749782.97	2.947	4.702	4.267	1.39E-04	2.22E-04	2.02E-04	1.93E-04	3.09E-04	2.80E-04	6.85E-04	1.09E-03	9.92E-04
3057	387669.61, 3749832.97	2.9	4.633	4.197	1.37E-04	2.19E-04	1.98E-04	1.90E-04	3.04E-04	2.75E-04	6.74E-04	1.08E-03	9.76E-04
3058	387669.61, 3749882.97	2.855	4.567	4.131	1.35E-04	2.16E-04	1.95E-04	1.87E-04	3.00E-04	2.71E-04	6.64E-04	1.06E-03	9.60E-04
3059	387669.61, 3749932.97	2.815	4.511	4.079	1.33E-04	2.13E-04	1.93E-04	1.85E-04	2.96E-04	2.68E-04	6.54E-04	1.05E-03	9.48E-04
3060	387669.61, 3749982.97	2.775	4.452	4.023	1.31E-04	2.10E-04	1.90E-04	1.82E-04	2.92E-04	2.64E-04	6.45E-04	1.03E-03	9.35E-04
3061	387669.61, 3750032.97	2.745	4.403	3.979	1.30E-04	2.08E-04	1.88E-04	1.80E-04	2.89E-04	2.61E-04	6.38E-04	1.02E-03	9.25E-04
3062	387669.61, 3750082.97	2.699	4.34	3.918	1.27E-04	2.05E-04	1.85E-04	1.77E-04	2.85E-04	2.57E-04	6.27E-04	1.01E-03	9.11E-04
3063	387669.61, 3750132.97	2.661	4.282	3.866	1.26E-04	2.02E-04	1.83E-04	1.75E-04	2.81E-04	2.54E-04	6.19E-04	9.96E-04	8.99E-04
3064	387669.61, 3750182.97	2.637	4.255	3.852	1.25E-04	2.01E-04	1.82E-04	1.73E-04	2.79E-04	2.53E-04	6.13E-04	9.89E-04	8.96E-04
3065	387669.61, 3750232.97	2.617	4.235	3.823	1.24E-04	2.00E-04	1.81E-04	1.72E-04	2.78E-04	2.51E-04	6.08E-04	9.85E-04	8.89E-04
3066	387669.61, 3750282.97	2.583	4.185	3.767	1.22E-04	1.98E-04	1.78E-04	1.69E-04	2.75E-04	2.47E-04	6.00E-04	9.73E-04	8.76E-04
3067	387669.61, 3750332.97	2.542	4.117	3.709	1.20E-04	1.94E-04	1.75E-04	1.67E-04	2.70E-04	2.43E-04	5.91E-04	9.57E-04	8.62E-04
3068	387669.61, 3750382.97	2.505	4.054	3.66	1.18E-04	1.91E-04	1.73E-04	1.64E-04	2.66E-04	2.40E-04	5.82E-04	9.43E-04	8.51E-04
3069	387669.61, 3750432.97	2.471	3.998	3.611	1.17E-04	1.89E-04	1.71E-04	1.62E-04	2.62E-04	2.37E-04	5.74E-04	9.30E-04	8.39E-04
3070	387669.61, 3750482.97	2.434	3.936	3.562	1.15E-04	1.86E-04	1.68E-04	1.60E-04	2.58E-04	2.34E-04	5.66E-04	9.15E-04	8.28E-04

3071	387669.61, 3750532.97	2.407	3.894	3.515	1.14E-04	1.84E-04	1.66E-04	1.58E-04	2.56E-04	2.31E-04	5.60E-04	9.05E-04	8.17E-04
3072	387669.61, 3750582.97	2.37	3.834	3.462	1.12E-04	1.81E-04	1.64E-04	1.56E-04	2.52E-04	2.27E-04	5.51E-04	8.91E-04	8.05E-04
3073	387669.61, 3750632.97	2.343	3.787	3.419	1.11E-04	1.79E-04	1.61E-04	1.54E-04	2.48E-04	2.24E-04	5.45E-04	8.80E-04	7.95E-04
3074	387669.61, 3750682.97	2.316	3.74	3.379	1.09E-04	1.77E-04	1.60E-04	1.52E-04	2.45E-04	2.22E-04	5.38E-04	8.70E-04	7.86E-04
3075	387669.61, 3750732.97	2.283	3.694	3.328	1.08E-04	1.74E-04	1.57E-04	1.50E-04	2.42E-04	2.18E-04	5.31E-04	8.59E-04	7.74E-04
3076	387669.61, 3750782.97	2.246	3.63	3.273	1.06E-04	1.71E-04	1.55E-04	1.47E-04	2.38E-04	2.15E-04	5.22E-04	8.44E-04	7.61E-04
3077	387669.61, 3750832.97	2.21	3.573	3.221	1.04E-04	1.69E-04	1.52E-04	1.45E-04	2.34E-04	2.11E-04	5.14E-04	8.31E-04	7.49E-04
3078	387669.61, 3750882.97	2.174	3.511	3.167	1.03E-04	1.66E-04	1.50E-04	1.43E-04	2.30E-04	2.08E-04	5.05E-04	8.16E-04	7.36E-04
3079	387669.61, 3750932.97	2.14	3.46	3.115	1.01E-04	1.63E-04	1.47E-04	1.40E-04	2.27E-04	2.04E-04	4.97E-04	8.05E-04	7.24E-04
3080	387669.61, 3750982.97	2.106	3.399	3.065	9.95E-05	1.61E-04	1.45E-04	1.38E-04	2.23E-04	2.01E-04	4.90E-04	7.90E-04	7.13E-04
3081	387669.61, 3751032.97	2.073	3.343	3.018	9.79E-05	1.58E-04	1.43E-04	1.36E-04	2.19E-04	1.98E-04	4.82E-04	7.77E-04	7.02E-04
3082	387669.61, 3751082.97	2.038	3.277	2.963	9.62E-05	1.55E-04	1.40E-04	1.34E-04	2.15E-04	1.94E-04	4.74E-04	7.62E-04	6.89E-04
3083	387669.61, 3751132.97	2.005	3.224	2.91	9.47E-05	1.52E-04	1.37E-04	1.32E-04	2.12E-04	1.91E-04	4.66E-04	7.50E-04	6.77E-04
3084	387669.61, 3751182.97	1.97	3.164	2.856	9.30E-05	1.49E-04	1.35E-04	1.29E-04	2.08E-04	1.87E-04	4.58E-04	7.36E-04	6.64E-04
3085	387669.61, 3751232.97	1.934	3.1	2.806	9.14E-05	1.46E-04	1.33E-04	1.27E-04	2.03E-04	1.84E-04	4.50E-04	7.21E-04	6.52E-04
3086	387669.61, 3751282.97	1.893	3.017	2.741	8.94E-05	1.43E-04	1.29E-04	1.24E-04	1.98E-04	1.80E-04	4.40E-04	7.02E-04	6.37E-04
3087	387669.61, 3751332.97	1.854	2.947	2.694	8.75E-05	1.39E-04	1.27E-04	1.22E-04	1.93E-04	1.77E-04	4.31E-04	6.85E-04	6.26E-04
3088	387669.61, 3751382.97	1.813	2.885	2.638	8.56E-05	1.36E-04	1.25E-04	1.19E-04	1.89E-04	1.73E-04	4.21E-04	6.71E-04	6.13E-04
3089	387669.61, 3751432.97	1.777	2.834	2.583	8.39E-05	1.34E-04	1.22E-04	1.17E-04	1.86E-04	1.69E-04	4.13E-04	6.59E-04	6.01E-04
3090	387669.61, 3751482.97	1.735	2.767	2.521	8.19E-05	1.31E-04	1.19E-04	1.14E-04	1.82E-04	1.65E-04	4.03E-04	6.43E-04	5.86E-04
3091	387669.61, 3751532.97	1.69	2.7	2.461	7.98E-05	1.27E-04	1.16E-04	1.11E-04	1.77E-04	1.61E-04	3.93E-04	6.28E-04	5.72E-04
3092	387669.61, 3751582.97	1.643	2.629	2.394	7.76E-05	1.24E-04	1.13E-04	1.08E-04	1.72E-04	1.57E-04	3.82E-04	6.11E-04	5.57E-04
3093	387669.61, 3751632.97	1.592	2.552	2.319	7.52E-05	1.21E-04	1.10E-04	1.04E-04	1.67E-04	1.52E-04	3.70E-04	5.93E-04	5.39E-04
3094	387669.61, 3751682.97	1.536	2.477	2.245	7.25E-05	1.17E-04	1.06E-04	1.01E-04	1.63E-04	1.47E-04	3.57E-04	5.76E-04	5.22E-04
3095	387669.61, 3751732.97	1.476	2.399	2.17	6.97E-05	1.13E-04	1.02E-04	9.68E-05	1.57E-04	1.42E-04	3.43E-04	5.58E-04	5.04E-04
3096	387669.61, 3751782.97	1.409	2.322	2.074	6.66E-05	1.10E-04	9.79E-05	9.25E-05	1.52E-04	1.36E-04	3.28E-04	5.40E-04	4.82E-04
3097	387719.61, 3749332.97	2.679	4.228	3.845	1.27E-04	2.00E-04	1.82E-04	1.76E-04	2.77E-04	2.52E-04	6.23E-04	9.83E-04	8.94E-04
3098	387719.61, 3749382.97	2.673	4.236	3.843	1.26E-04	2.00E-04	1.81E-04	1.75E-04	2.78E-04	2.52E-04	6.21E-04	9.85E-04	8.93E-04
3099	387719.61, 3749432.97	2.667	4.237	3.835	1.26E-04	2.00E-04	1.81E-04	1.75E-04	2.78E-04	2.52E-04	6.20E-04	9.85E-04	8.91E-04
3100	387719.61, 3749482.97	2.66	4.232	3.827	1.26E-04	2.00E-04	1.81E-04	1.75E-04	2.78E-04	2.51E-04	6.18E-04	9.84E-04	8.90E-04
3101	387719.61, 3749532.97	2.653	4.229	3.82	1.25E-04	2.00E-04	1.80E-04	1.74E-04	2.77E-04	2.51E-04	6.17E-04	9.83E-04	8.88E-04
3102	387719.61, 3749582.97	2.664	4.237	3.839	1.26E-04	2.00E-04	1.81E-04	1.75E-04	2.78E-04	2.52E-04	6.19E-04	9.85E-04	8.93E-04
3103	387719.61, 3749632.97	2.656	4.235	3.831	1.25E-04	2.00E-04	1.81E-04	1.74E-04	2.78E-04	2.51E-04	6.18E-04	9.85E-04	8.91E-04
3104	387719.61, 3749682.97	2.632	4.203	3.807	1.24E-04	1.98E-04	1.80E-04	1.73E-04	2.76E-04	2.50E-04	6.12E-04	9.77E-04	8.85E-04
3105	387719.61, 3749732.97	2.62	4.193	3.807	1.24E-04	1.98E-04	1.80E-04	1.72E-04	2.75E-04	2.50E-04	6.09E-04	9.75E-04	8.85E-04
3106	387719.61, 3749782.97	2.601	4.17	3.784	1.23E-04	1.97E-04	1.79E-04	1.71E-04	2.74E-04	2.48E-04	6.05E-04	9.69E-04	8.80E-04
3107	387719.61, 3749832.97	2.57	4.122	3.738	1.21E-04	1.95E-04	1.77E-04	1.69E-04	2.70E-04	2.45E-04	5.97E-04	9.58E-04	8.69E-04
3108	387719.61, 3749882.97	2.538	4.074	3.694	1.20E-04	1.92E-04	1.74E-04	1.67E-04	2.67E-04	2.42E-04	5.90E-04	9.47E-04	8.59E-04
3109	387719.61, 3749932.97	2.512	4.041	3.659	1.19E-04	1.91E-04	1.73E-04	1.65E-04	2.65E-04	2.40E-04	5.84E-04	9.39E-04	8.51E-04
3110	387719.61, 3749982.97	2.488	4.015	3.626	1.17E-04	1.90E-04	1.71E-04	1.63E-04	2.63E-04	2.38E-04	5.78E-04	9.33E-04	8.43E-04
3111	387719.61, 3750032.97	2.446	3.943	3.565	1.16E-04	1.86E-04	1.68E-04	1.61E-04	2.59E-04	2.34E-04	5.69E-04	9.17E-04	8.29E-04

3112	387719.61, 3750082.97	2.412	3.891	3.52	1.14E-04	1.84E-04	1.66E-04	1.58E-04	2.55E-04	2.31E-04	5.61E-04	9.05E-04	8.18E-04
3113	387719.61, 3750132.97	2.373	3.832	3.467	1.12E-04	1.81E-04	1.64E-04	1.56E-04	2.51E-04	2.27E-04	5.52E-04	8.91E-04	8.06E-04
3114	387719.61, 3750182.97	2.348	3.793	3.436	1.11E-04	1.79E-04	1.62E-04	1.54E-04	2.49E-04	2.25E-04	5.46E-04	8.82E-04	7.99E-04
3115	387719.61, 3750232.97	2.318	3.747	3.39	1.09E-04	1.77E-04	1.60E-04	1.52E-04	2.46E-04	2.22E-04	5.39E-04	8.71E-04	7.88E-04
3116	387719.61, 3750282.97	2.294	3.707	3.35	1.08E-04	1.75E-04	1.58E-04	1.51E-04	2.43E-04	2.20E-04	5.33E-04	8.62E-04	7.79E-04
3117	387719.61, 3750332.97	2.265	3.661	3.31	1.07E-04	1.73E-04	1.56E-04	1.49E-04	2.40E-04	2.17E-04	5.27E-04	8.51E-04	7.70E-04
3118	387719.61, 3750382.97	2.242	3.625	3.274	1.06E-04	1.71E-04	1.55E-04	1.47E-04	2.38E-04	2.15E-04	5.21E-04	8.43E-04	7.61E-04
3119	387719.61, 3750432.97	2.213	3.58	3.233	1.05E-04	1.69E-04	1.53E-04	1.45E-04	2.35E-04	2.12E-04	5.14E-04	8.32E-04	7.52E-04
3120	387719.61, 3750482.97	2.18	3.527	3.188	1.03E-04	1.67E-04	1.51E-04	1.43E-04	2.31E-04	2.09E-04	5.07E-04	8.20E-04	7.41E-04
3121	387719.61, 3750532.97	2.16	3.494	3.156	1.02E-04	1.65E-04	1.49E-04	1.42E-04	2.29E-04	2.07E-04	5.02E-04	8.12E-04	7.34E-04
3122	387719.61, 3750582.97	2.134	3.451	3.119	1.01E-04	1.63E-04	1.47E-04	1.40E-04	2.26E-04	2.05E-04	4.96E-04	8.02E-04	7.25E-04
3123	387719.61, 3750632.97	2.11	3.408	3.081	9.96E-05	1.61E-04	1.45E-04	1.38E-04	2.24E-04	2.02E-04	4.90E-04	7.92E-04	7.16E-04
3124	387719.61, 3750682.97	2.086	3.366	3.043	9.85E-05	1.59E-04	1.44E-04	1.37E-04	2.21E-04	2.00E-04	4.85E-04	7.83E-04	7.08E-04
3125	387719.61, 3750732.97	2.06	3.331	3.003	9.73E-05	1.57E-04	1.42E-04	1.35E-04	2.19E-04	1.97E-04	4.79E-04	7.74E-04	6.98E-04
3126	387719.61, 3750782.97	2.031	3.279	2.958	9.59E-05	1.55E-04	1.40E-04	1.33E-04	2.15E-04	1.94E-04	4.72E-04	7.62E-04	6.88E-04
3127	387719.61, 3750832.97	1.999	3.227	2.912	9.44E-05	1.52E-04	1.38E-04	1.31E-04	2.12E-04	1.91E-04	4.65E-04	7.50E-04	6.77E-04
3128	387719.61, 3750882.97	1.969	3.173	2.864	9.30E-05	1.50E-04	1.35E-04	1.29E-04	2.08E-04	1.88E-04	4.58E-04	7.38E-04	6.66E-04
3129	387719.61, 3750932.97	1.941	3.13	2.825	9.16E-05	1.48E-04	1.33E-04	1.27E-04	2.05E-04	1.85E-04	4.51E-04	7.28E-04	6.57E-04
3130	387719.61, 3750982.97	1.913	3.083	2.782	9.04E-05	1.46E-04	1.31E-04	1.26E-04	2.02E-04	1.83E-04	4.45E-04	7.17E-04	6.47E-04
3131	387719.61, 3751032.97	1.881	3.025	2.734	8.88E-05	1.43E-04	1.29E-04	1.23E-04	1.98E-04	1.79E-04	4.37E-04	7.03E-04	6.36E-04
3132	387719.61, 3751082.97	1.851	2.972	2.688	8.74E-05	1.40E-04	1.27E-04	1.21E-04	1.95E-04	1.76E-04	4.30E-04	6.91E-04	6.25E-04
3133	387719.61, 3751132.97	1.824	2.926	2.654	8.61E-05	1.38E-04	1.25E-04	1.20E-04	1.92E-04	1.74E-04	4.24E-04	6.80E-04	6.17E-04
3134	387719.61, 3751182.97	1.793	2.876	2.617	8.47E-05	1.36E-04	1.24E-04	1.18E-04	1.89E-04	1.72E-04	4.17E-04	6.69E-04	6.08E-04
3135	387719.61, 3751232.97	1.762	2.824	2.573	8.32E-05	1.33E-04	1.22E-04	1.16E-04	1.85E-04	1.69E-04	4.10E-04	6.56E-04	5.98E-04
3136	387719.61, 3751282.97	1.725	2.755	2.512	8.15E-05	1.30E-04	1.19E-04	1.13E-04	1.81E-04	1.65E-04	4.01E-04	6.40E-04	5.84E-04
3137	387719.61, 3751332.97	1.691	2.697	2.462	7.99E-05	1.27E-04	1.16E-04	1.11E-04	1.77E-04	1.62E-04	3.93E-04	6.27E-04	5.72E-04
3138	387769.61, 3748982.97	1.728	2.898	2.632	8.16E-05	1.37E-04	1.24E-04	1.13E-04	1.90E-04	1.73E-04	4.02E-04	6.74E-04	6.12E-04
3139	387769.61, 3749032.97	1.935	3.11	2.836	9.14E-05	1.47E-04	1.34E-04	1.27E-04	2.04E-04	1.86E-04	4.50E-04	7.23E-04	6.59E-04
3140	387769.61, 3749082.97	2.089	3.281	2.987	9.86E-05	1.55E-04	1.41E-04	1.37E-04	2.15E-04	1.96E-04	4.86E-04	7.63E-04	6.95E-04
3141	387769.61, 3749132.97	2.185	3.41	3.117	1.03E-04	1.61E-04	1.47E-04	1.43E-04	2.24E-04	2.05E-04	5.08E-04	7.93E-04	7.25E-04
3142	387769.61, 3749182.97	2.241	3.5	3.202	1.06E-04	1.65E-04	1.51E-04	1.47E-04	2.30E-04	2.10E-04	5.21E-04	8.14E-04	7.45E-04
3143	387769.61, 3749232.97	2.271	3.56	3.253	1.07E-04	1.68E-04	1.54E-04	1.49E-04	2.34E-04	2.13E-04	5.28E-04	8.28E-04	7.56E-04
3144	387769.61, 3749282.97	2.289	3.603	3.28	1.08E-04	1.70E-04	1.55E-04	1.50E-04	2.36E-04	2.15E-04	5.32E-04	8.38E-04	7.63E-04
3145	387769.61, 3749332.97	2.301	3.631	3.301	1.09E-04	1.71E-04	1.56E-04	1.51E-04	2.38E-04	2.17E-04	5.35E-04	8.44E-04	7.67E-04
3146	387769.61, 3749382.97	2.306	3.651	3.316	1.09E-04	1.72E-04	1.57E-04	1.51E-04	2.40E-04	2.18E-04	5.36E-04	8.49E-04	7.71E-04
3147	387769.61, 3749432.97	2.309	3.665	3.322	1.09E-04	1.73E-04	1.57E-04	1.52E-04	2.41E-04	2.18E-04	5.37E-04	8.52E-04	7.72E-04
3148	387769.61, 3749482.97	2.31	3.676	3.325	1.09E-04	1.74E-04	1.57E-04	1.52E-04	2.41E-04	2.18E-04	5.37E-04	8.55E-04	7.73E-04
3149	387769.61, 3749532.97	2.311	3.684	3.332	1.09E-04	1.74E-04	1.57E-04	1.52E-04	2.42E-04	2.19E-04	5.37E-04	8.56E-04	7.75E-04
3150	387769.61, 3749582.97	2.323	3.701	3.355	1.10E-04	1.75E-04	1.58E-04	1.52E-04	2.43E-04	2.20E-04	5.40E-04	8.60E-04	7.80E-04
3151	387769.61, 3749632.97	2.331	3.715	3.37	1.10E-04	1.75E-04	1.59E-04	1.53E-04	2.44E-04	2.21E-04	5.42E-04	8.64E-04	7.83E-04
3152	387769.61, 3749682.97	2.316	3.696	3.355	1.09E-04	1.75E-04	1.58E-04	1.52E-04	2.43E-04	2.20E-04	5.38E-04	8.59E-04	7.80E-04

3153	387769.61, 3749732.97	2.309	3.691	3.352	1.09E-04	1.74E-04	1.58E-04	1.51E-04	2.42E-04	2.20E-04	5.37E-04	8.58E-04	7.79E-04
3154	387769.61, 3749782.97	2.295	3.675	3.337	1.08E-04	1.74E-04	1.58E-04	1.51E-04	2.41E-04	2.19E-04	5.33E-04	8.54E-04	7.76E-04
3155	387769.61, 3749832.97	2.272	3.64	3.306	1.07E-04	1.72E-04	1.56E-04	1.49E-04	2.39E-04	2.17E-04	5.28E-04	8.46E-04	7.69E-04
3156	387769.61, 3749882.97	2.252	3.613	3.283	1.06E-04	1.71E-04	1.55E-04	1.48E-04	2.37E-04	2.15E-04	5.24E-04	8.40E-04	7.63E-04
3157	387769.61, 3749932.97	2.232	3.587	3.251	1.05E-04	1.69E-04	1.54E-04	1.46E-04	2.35E-04	2.13E-04	5.19E-04	8.34E-04	7.56E-04
3158	387769.61, 3749982.97	2.207	3.554	3.218	1.04E-04	1.68E-04	1.52E-04	1.45E-04	2.33E-04	2.11E-04	5.13E-04	8.26E-04	7.48E-04
3159	387769.61, 3750032.97	2.188	3.526	3.189	1.03E-04	1.67E-04	1.51E-04	1.44E-04	2.31E-04	2.09E-04	5.09E-04	8.20E-04	7.41E-04
3160	387769.61, 3750082.97	2.171	3.508	3.165	1.03E-04	1.66E-04	1.49E-04	1.42E-04	2.30E-04	2.08E-04	5.05E-04	8.16E-04	7.36E-04
3161	387769.61, 3750132.97	2.154	3.487	3.14	1.02E-04	1.65E-04	1.48E-04	1.41E-04	2.29E-04	2.06E-04	5.01E-04	8.11E-04	7.30E-04
3162	387769.61, 3750182.97	2.126	3.441	3.102	1.00E-04	1.63E-04	1.46E-04	1.39E-04	2.26E-04	2.04E-04	4.94E-04	8.00E-04	7.21E-04
3163	387769.61, 3750232.97	2.104	3.407	3.067	9.94E-05	1.61E-04	1.45E-04	1.38E-04	2.24E-04	2.01E-04	4.89E-04	7.92E-04	7.13E-04
3164	387769.61, 3750282.97	2.078	3.364	3.03	9.81E-05	1.59E-04	1.43E-04	1.36E-04	2.21E-04	1.99E-04	4.83E-04	7.82E-04	7.04E-04
3165	387769.61, 3750332.97	2.053	3.321	2.997	9.69E-05	1.57E-04	1.42E-04	1.35E-04	2.18E-04	1.97E-04	4.77E-04	7.72E-04	6.97E-04
3166	387769.61, 3750382.97	2.036	3.295	2.971	9.62E-05	1.56E-04	1.40E-04	1.34E-04	2.16E-04	1.95E-04	4.73E-04	7.66E-04	6.91E-04
3167	387769.61, 3750432.97	2.012	3.254	2.936	9.50E-05	1.54E-04	1.39E-04	1.32E-04	2.14E-04	1.93E-04	4.68E-04	7.57E-04	6.83E-04
3168	387769.61, 3750482.97	1.98	3.199	2.893	9.35E-05	1.51E-04	1.37E-04	1.30E-04	2.10E-04	1.90E-04	4.60E-04	7.44E-04	6.73E-04
3169	387769.61, 3750532.97	1.971	3.188	2.876	9.31E-05	1.51E-04	1.36E-04	1.29E-04	2.09E-04	1.89E-04	4.58E-04	7.41E-04	6.69E-04
3170	387769.61, 3750582.97	1.946	3.146	2.839	9.19E-05	1.49E-04	1.34E-04	1.28E-04	2.06E-04	1.86E-04	4.52E-04	7.31E-04	6.60E-04
3171	387769.61, 3750632.97	1.922	3.102	2.803	9.08E-05	1.47E-04	1.32E-04	1.26E-04	2.04E-04	1.84E-04	4.47E-04	7.21E-04	6.52E-04
3172	387769.61, 3750682.97	1.898	3.059	2.768	8.96E-05	1.44E-04	1.31E-04	1.25E-04	2.01E-04	1.82E-04	4.41E-04	7.11E-04	6.43E-04
3173	387769.61, 3750732.97	1.876	3.028	2.732	8.86E-05	1.43E-04	1.29E-04	1.23E-04	1.99E-04	1.79E-04	4.36E-04	7.04E-04	6.35E-04
3174	387769.61, 3750782.97	1.852	2.988	2.696	8.75E-05	1.41E-04	1.27E-04	1.22E-04	1.96E-04	1.77E-04	4.31E-04	6.95E-04	6.27E-04
3175	387769.61, 3750832.97	1.824	2.94	2.653	8.62E-05	1.39E-04	1.25E-04	1.20E-04	1.93E-04	1.74E-04	4.24E-04	6.83E-04	6.17E-04
3176	387769.61, 3750882.97	1.797	2.892	2.611	8.49E-05	1.37E-04	1.23E-04	1.18E-04	1.90E-04	1.71E-04	4.18E-04	6.72E-04	6.07E-04
3177	387819.61, 3748982.97	1.464	2.506	2.267	6.92E-05	1.18E-04	1.07E-04	9.61E-05	1.64E-04	1.49E-04	3.40E-04	5.83E-04	5.27E-04
3178	387819.61, 3749032.97	1.635	2.676	2.433	7.72E-05	1.26E-04	1.15E-04	1.07E-04	1.76E-04	1.60E-04	3.80E-04	6.22E-04	5.66E-04
3179	387819.61, 3749082.97	1.772	2.82	2.567	8.37E-05	1.33E-04	1.21E-04	1.16E-04	1.85E-04	1.68E-04	4.12E-04	6.56E-04	5.97E-04
3180	387819.61, 3749132.97	1.868	2.943	2.681	8.82E-05	1.39E-04	1.27E-04	1.23E-04	1.93E-04	1.76E-04	4.34E-04	6.84E-04	6.23E-04
3181	387819.61, 3749182.97	1.93	3.028	2.771	9.11E-05	1.43E-04	1.31E-04	1.27E-04	1.99E-04	1.82E-04	4.49E-04	7.04E-04	6.44E-04
3182	387819.61, 3749232.97	1.97	3.094	2.829	9.30E-05	1.46E-04	1.34E-04	1.29E-04	2.03E-04	1.86E-04	4.58E-04	7.19E-04	6.58E-04
3183	387819.61, 3749282.97	1.994	3.14	2.865	9.42E-05	1.48E-04	1.35E-04	1.31E-04	2.06E-04	1.88E-04	4.64E-04	7.30E-04	6.66E-04
3184	387819.61, 3749332.97	2.012	3.174	2.892	9.50E-05	1.50E-04	1.37E-04	1.32E-04	2.08E-04	1.90E-04	4.68E-04	7.38E-04	6.72E-04
3185	387819.61, 3749382.97	2.023	3.199	2.911	9.56E-05	1.51E-04	1.37E-04	1.33E-04	2.10E-04	1.91E-04	4.70E-04	7.44E-04	6.77E-04
3186	387819.61, 3749432.97	2.032	3.22	2.926	9.59E-05	1.52E-04	1.38E-04	1.33E-04	2.11E-04	1.92E-04	4.72E-04	7.49E-04	6.80E-04
3187	387819.61, 3749482.97	2.038	3.24	2.938	9.62E-05	1.53E-04	1.39E-04	1.34E-04	2.13E-04	1.93E-04	4.74E-04	7.53E-04	6.83E-04
3188	387819.61, 3749532.97	2.044	3.256	2.951	9.65E-05	1.54E-04	1.39E-04	1.34E-04	2.14E-04	1.94E-04	4.75E-04	7.57E-04	6.86E-04
3189	387819.61, 3749582.97	2.049	3.269	2.962	9.68E-05	1.54E-04	1.40E-04	1.34E-04	2.14E-04	1.94E-04	4.76E-04	7.60E-04	6.89E-04
3190	387819.61, 3749632.97	2.065	3.29	2.989	9.75E-05	1.55E-04	1.41E-04	1.36E-04	2.16E-04	1.96E-04	4.80E-04	7.65E-04	6.95E-04
3191	387819.61, 3749682.97	2.053	3.277	2.977	9.70E-05	1.55E-04	1.41E-04	1.35E-04	2.15E-04	1.95E-04	4.77E-04	7.62E-04	6.92E-04
3192	387819.61, 3749732.97	2.05	3.272	2.976	9.68E-05	1.55E-04	1.41E-04	1.34E-04	2.15E-04	1.95E-04	4.77E-04	7.61E-04	6.92E-04
3193	387819.61, 3749782.97	2.043	3.263	2.971	9.65E-05	1.54E-04	1.40E-04	1.34E-04	2.14E-04	1.95E-04	4.75E-04	7.59E-04	6.91E-04

3194	387819.61, 3749832.97	2.033	3.25	2.959	9.60E-05	1.53E-04	1.40E-04	1.33E-04	2.13E-04	1.94E-04	4.73E-04	7.56E-04	6.88E-04
3195	387819.61, 3749882.97	2.02	3.236	2.94	9.54E-05	1.53E-04	1.39E-04	1.33E-04	2.12E-04	1.93E-04	4.70E-04	7.52E-04	6.83E-04
3196	387819.61, 3749932.97	2.005	3.217	2.919	9.47E-05	1.52E-04	1.38E-04	1.32E-04	2.11E-04	1.92E-04	4.66E-04	7.48E-04	6.79E-04
3197	387819.61, 3749982.97	1.988	3.193	2.895	9.39E-05	1.51E-04	1.37E-04	1.30E-04	2.10E-04	1.90E-04	4.62E-04	7.42E-04	6.73E-04
3198	387819.61, 3750032.97	1.969	3.167	2.866	9.30E-05	1.50E-04	1.35E-04	1.29E-04	2.08E-04	1.88E-04	4.58E-04	7.36E-04	6.66E-04
3199	387819.61, 3750082.97	1.965	3.171	2.861	9.28E-05	1.50E-04	1.35E-04	1.29E-04	2.08E-04	1.88E-04	4.57E-04	7.37E-04	6.65E-04
3200	387819.61, 3750132.97	1.953	3.158	2.845	9.22E-05	1.49E-04	1.34E-04	1.28E-04	2.07E-04	1.87E-04	4.54E-04	7.34E-04	6.61E-04
3201	387819.61, 3750182.97	1.929	3.119	2.814	9.11E-05	1.47E-04	1.33E-04	1.27E-04	2.05E-04	1.85E-04	4.49E-04	7.25E-04	6.54E-04
3202	387819.61, 3750232.97	1.912	3.092	2.784	9.03E-05	1.46E-04	1.31E-04	1.25E-04	2.03E-04	1.83E-04	4.44E-04	7.19E-04	6.47E-04
3203	387819.61, 3750282.97	1.89	3.058	2.753	8.93E-05	1.44E-04	1.30E-04	1.24E-04	2.01E-04	1.81E-04	4.40E-04	7.11E-04	6.40E-04
3204	387819.61, 3750332.97	1.871	3.025	2.728	8.84E-05	1.43E-04	1.29E-04	1.23E-04	1.98E-04	1.79E-04	4.35E-04	7.03E-04	6.34E-04
3205	387819.61, 3750382.97	1.857	3	2.708	8.77E-05	1.42E-04	1.28E-04	1.22E-04	1.97E-04	1.78E-04	4.32E-04	6.98E-04	6.30E-04
3206	387819.61, 3750432.97	1.837	2.966	2.679	8.67E-05	1.40E-04	1.27E-04	1.21E-04	1.95E-04	1.76E-04	4.27E-04	6.89E-04	6.23E-04
3207	387869.61, 3748982.97	1.27	2.208	1.986	6.00E-05	1.04E-04	9.38E-05	8.34E-05	1.45E-04	1.30E-04	2.95E-04	5.13E-04	4.62E-04
3208	387869.61, 3749032.97	1.411	2.348	2.13	6.66E-05	1.11E-04	1.01E-04	9.26E-05	1.54E-04	1.40E-04	3.28E-04	5.46E-04	4.95E-04
3209	387869.61, 3749082.97	1.532	2.467	2.247	7.23E-05	1.16E-04	1.06E-04	1.01E-04	1.62E-04	1.47E-04	3.56E-04	5.73E-04	5.22E-04
3210	387869.61, 3749132.97	1.623	2.581	2.344	7.67E-05	1.22E-04	1.11E-04	1.07E-04	1.69E-04	1.54E-04	3.77E-04	6.00E-04	5.45E-04
3211	387869.61, 3749182.97	1.687	2.664	2.431	7.97E-05	1.26E-04	1.15E-04	1.11E-04	1.75E-04	1.59E-04	3.92E-04	6.19E-04	5.65E-04
3212	387869.61, 3749232.97	1.729	2.725	2.49	8.17E-05	1.29E-04	1.18E-04	1.13E-04	1.79E-04	1.63E-04	4.02E-04	6.34E-04	5.79E-04
3213	387869.61, 3749282.97	1.761	2.774	2.535	8.32E-05	1.31E-04	1.20E-04	1.16E-04	1.82E-04	1.66E-04	4.09E-04	6.45E-04	5.89E-04
3214	387869.61, 3749332.97	1.783	2.812	2.567	8.42E-05	1.33E-04	1.21E-04	1.17E-04	1.84E-04	1.68E-04	4.15E-04	6.54E-04	5.97E-04
3215	387869.61, 3749382.97	1.799	2.84	2.591	8.50E-05	1.34E-04	1.22E-04	1.18E-04	1.86E-04	1.70E-04	4.18E-04	6.60E-04	6.02E-04
3216	387869.61, 3749432.97	1.81	2.866	2.61	8.55E-05	1.35E-04	1.23E-04	1.19E-04	1.88E-04	1.71E-04	4.21E-04	6.66E-04	6.07E-04
3217	387869.61, 3749482.97	1.82	2.892	2.627	8.60E-05	1.37E-04	1.24E-04	1.19E-04	1.90E-04	1.72E-04	4.23E-04	6.72E-04	6.11E-04
3218	387869.61, 3749532.97	1.829	2.911	2.644	8.64E-05	1.37E-04	1.25E-04	1.20E-04	1.91E-04	1.73E-04	4.25E-04	6.77E-04	6.15E-04
3219	387869.61, 3749582.97	1.836	2.928	2.658	8.67E-05	1.38E-04	1.26E-04	1.20E-04	1.92E-04	1.74E-04	4.27E-04	6.81E-04	6.18E-04
3220	387869.61, 3749632.97	1.839	2.933	2.666	8.68E-05	1.39E-04	1.26E-04	1.21E-04	1.92E-04	1.75E-04	4.28E-04	6.82E-04	6.20E-04
3221	387869.61, 3749682.97	1.844	2.942	2.674	8.71E-05	1.39E-04	1.26E-04	1.21E-04	1.93E-04	1.75E-04	4.29E-04	6.84E-04	6.22E-04
3222	387869.61, 3749732.97	1.846	2.947	2.683	8.72E-05	1.39E-04	1.27E-04	1.21E-04	1.93E-04	1.76E-04	4.29E-04	6.85E-04	6.24E-04
3223	387869.61, 3749782.97	1.851	2.955	2.685	8.74E-05	1.40E-04	1.27E-04	1.21E-04	1.94E-04	1.76E-04	4.30E-04	6.87E-04	6.24E-04
3224	387869.61, 3749832.97	1.838	2.938	2.673	8.68E-05	1.39E-04	1.26E-04	1.21E-04	1.93E-04	1.75E-04	4.27E-04	6.83E-04	6.21E-04
3225	387869.61, 3749882.97	1.84	2.947	2.67	8.69E-05	1.39E-04	1.26E-04	1.21E-04	1.93E-04	1.75E-04	4.28E-04	6.85E-04	6.21E-04
3226	387869.61, 3749932.97	1.837	2.947	2.666	8.67E-05	1.39E-04	1.26E-04	1.21E-04	1.93E-04	1.75E-04	4.27E-04	6.85E-04	6.20E-04
3227	387869.61, 3749982.97	1.824	2.933	2.648	8.61E-05	1.39E-04	1.25E-04	1.20E-04	1.92E-04	1.74E-04	4.24E-04	6.82E-04	6.16E-04
3228	387869.61, 3750032.97	1.809	2.912	2.628	8.54E-05	1.38E-04	1.24E-04	1.19E-04	1.91E-04	1.72E-04	4.21E-04	6.77E-04	6.11E-04
3229	387919.61, 3748982.97	1.121	1.976	1.772	5.29E-05	9.33E-05	8.37E-05	7.35E-05	1.30E-04	1.16E-04	2.61E-04	4.59E-04	4.12E-04
3230	387919.61, 3749032.97	1.237	2.094	1.893	5.84E-05	9.89E-05	8.94E-05	8.12E-05	1.37E-04	1.24E-04	2.88E-04	4.87E-04	4.40E-04
3231	387919.61, 3749082.97	1.342	2.195	1.992	6.34E-05	1.04E-04	9.41E-05	8.81E-05	1.44E-04	1.31E-04	3.12E-04	5.10E-04	4.63E-04
3232	387919.61, 3749132.97	1.428	2.292	2.079	6.74E-05	1.08E-04	9.82E-05	9.37E-05	1.50E-04	1.36E-04	3.32E-04	5.33E-04	4.83E-04
3233	387919.61, 3749182.97	1.492	2.373	2.155	7.05E-05	1.12E-04	1.02E-04	9.79E-05	1.56E-04	1.41E-04	3.47E-04	5.52E-04	5.01E-04
3234	387919.61, 3749232.97	1.539	2.432	2.216	7.27E-05	1.15E-04	1.05E-04	1.01E-04	1.60E-04	1.45E-04	3.58E-04	5.65E-04	5.15E-04

3235	387919.61, 3749282.97	1.571	2.48	2.263	7.42E-05	1.17E-04	1.07E-04	1.03E-04	1.63E-04	1.48E-04	3.65E-04	5.77E-04	5.26E-04
3236	387919.61, 3749332.97	1.596	2.519	2.3	7.54E-05	1.19E-04	1.09E-04	1.05E-04	1.65E-04	1.51E-04	3.71E-04	5.86E-04	5.35E-04
3237	387919.61, 3749382.97	1.615	2.552	2.327	7.63E-05	1.21E-04	1.10E-04	1.06E-04	1.67E-04	1.53E-04	3.75E-04	5.93E-04	5.41E-04
3238	387919.61, 3749432.97	1.629	2.581	2.352	7.70E-05	1.22E-04	1.11E-04	1.07E-04	1.69E-04	1.54E-04	3.79E-04	6.00E-04	5.47E-04
3239	387919.61, 3749482.97	1.641	2.602	2.368	7.75E-05	1.23E-04	1.12E-04	1.08E-04	1.71E-04	1.55E-04	3.81E-04	6.05E-04	5.50E-04
3240	387919.61, 3749532.97	1.65	2.622	2.387	7.79E-05	1.24E-04	1.13E-04	1.08E-04	1.72E-04	1.57E-04	3.84E-04	6.10E-04	5.55E-04
3241	387919.61, 3749582.97	1.659	2.641	2.403	7.83E-05	1.25E-04	1.13E-04	1.09E-04	1.73E-04	1.58E-04	3.86E-04	6.14E-04	5.59E-04
3242	387969.61, 3748982.97	1.003	1.787	1.6	4.74E-05	8.44E-05	7.56E-05	6.58E-05	1.17E-04	1.05E-04	2.33E-04	4.15E-04	3.72E-04
3243	387969.61, 3749032.97	1.101	1.887	1.702	5.20E-05	8.91E-05	8.04E-05	7.22E-05	1.24E-04	1.12E-04	2.56E-04	4.39E-04	3.96E-04
3244	387969.61, 3749082.97	1.192	1.976	1.79	5.63E-05	9.33E-05	8.45E-05	7.82E-05	1.30E-04	1.17E-04	2.77E-04	4.59E-04	4.16E-04
3245	387969.61, 3749132.97	1.269	2.057	1.862	5.99E-05	9.72E-05	8.79E-05	8.33E-05	1.35E-04	1.22E-04	2.95E-04	4.78E-04	4.33E-04

Appendix A3.4: Operations - Corridor (MDAQMD West of BIG)

Corridor - West of BIG (Helendale/Silver Lakes)

Input

MDAB	NOX	CO	PM10	PM2.5
	tons/day			
2028	2.69E-04	1.65E-03	-1.20E-05	-1.17E-05
2033	6.80E-04	2.25E-03	-5.63E-06	-5.46E-06
2048	2.44E-04	2.36E-03	-1.11E-05	-1.08E-05
	g/s			
2028	2.82E-03	1.73E-02	-1.27E-04	-1.23E-04
2033	7.14E-03	2.37E-02	-5.91E-05	-5.74E-05
2048	2.56E-03	2.48E-02	-1.17E-04	-1.13E-04

Results

Risk	Concentration	Risk	Risk/Million
	-4.46E-06	-2.13E-09	-0.002

No Project	Tons/Day			
SUC-BAR Segment	**NO_x**	**CO**	**PM_{10}**	**$PM_{2.5}$**
2028	2.338	0.590	0.049	0.047
2033	2.389	0.631	0.049	0.047
2048	2.567	0.796	0.046	0.045

With Project				
SUC-BAR Segment				
2028	2.345	0.630	0.049	0.047
2033	2.405	0.687	0.048	0.047
2048	2.573	0.854	0.046	0.045

	Tons/Day			
Net	**NO_x**	**CO**	**PM_{10}**	**$PM_{2.5}$**
2028	0.007	0.040	0.000	0.000
2033	0.017	0.055	0.000	0.000
2048	0.006	0.058	0.000	0.000

Modeled Track Length:	56.10	miles	SUC-BAR
	90,284	meters	
AERMOD Source Length:	3687.4	meters	
AERMOD Source Pct:	0.040842		

1 ton =	907184.7	grams
1 year =	3.15E+07	seconds
1 day =	86400	seconds

Source: Corridor segment tons per day from EnSafe, BNSF Barstow International Gateway Corridor Emissions Analysis, October 2025 .

				2028	2033	2048															
		Period	Ra	-1.27E-04	-5.91E-05	-1.17E-04															
		tion																			
		[µg/m^3]		Concentration [µg/m^3]			Residential Dose							Risk by Age Group							
#	X, Y	Main (SLINE1)		Main			3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30 (2033)	16<30 (2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30 (2033)	16<30 (2048)	Total Risk
1	473243.71, 3847205.61	0.10798		-1.37E-05	-6.39E-06	-1.26E-05	-4.73E-09	-1.43E-08	-8.27E-09	-3.86E-09	-3.50E-09	-1.60E-09	-3.16E-09	-1.58E-10	-3.81E-09	-8.42E-10	-5.25E-10	-8.32E-10	-1.47E-10	-2.08E-10	-6.53E-09
2	473268.71, 3847230.61	0.12249		-1.55E-05	-7.24E-06	-1.43E-05	-5.36E-09	-1.62E-08	-9.38E-09	-4.38E-09	-3.97E-09	-1.81E-09	-3.58E-09	-1.79E-10	-4.33E-09	-9.55E-10	-5.95E-10	-9.44E-10	-1.66E-10	-2.36E-10	-7.40E-09
3	473268.71, 3847255.61	0.1285		-1.63E-05	-7.60E-06	-1.50E-05	-5.63E-09	-1.70E-08	-9.84E-09	-4.60E-09	-4.17E-09	-1.90E-09	-3.76E-09	-1.88E-10	-4.54E-09	-1.00E-09	-6.24E-10	-9.90E-10	-1.75E-10	-2.48E-10	-7.77E-09
4	473268.71, 3847280.61	0.14143		-1.79E-05	-8.36E-06	-1.65E-05	-6.19E-09	-1.87E-08	-1.08E-08	-5.06E-09	-4.59E-09	-2.09E-09	-4.13E-09	-2.07E-10	-5.00E-09	-1.10E-09	-6.87E-10	-1.09E-09	-1.92E-10	-2.73E-10	-8.55E-09
5	473268.71, 3847305.61	0.15317		-1.94E-05	-9.06E-06	-1.79E-05	-6.71E-09	-2.03E-08	-1.17E-08	-5.48E-09	-4.97E-09	-2.27E-09	-4.48E-09	-2.24E-10	-5.41E-09	-1.19E-09	-7.44E-10	-1.18E-09	-2.08E-10	-2.95E-10	-9.26E-09
6	473268.71, 3847330.61	0.17932		-2.27E-05	-1.06E-05	-2.09E-05	-7.85E-09	-2.37E-08	-1.37E-08	-6.42E-09	-5.82E-09	-2.65E-09	-5.24E-09	-2.62E-10	-6.33E-09	-1.40E-09	-8.71E-10	-1.38E-09	-2.44E-10	-3.46E-10	-1.08E-08
7	473268.71, 3847355.61	0.20162		-2.55E-05	-1.19E-05	-2.35E-05	-8.83E-09	-2.67E-08	-1.54E-08	-7.21E-09	-6.54E-09	-2.98E-09	-5.89E-09	-2.95E-10	-7.12E-09	-1.57E-09	-9.79E-10	-1.55E-09	-2.74E-10	-3.89E-10	-1.22E-08
8	473268.71, 3847380.61	0.28165		-3.56E-05	-1.67E-05	-3.29E-05	-1.23E-08	-3.72E-08	-2.16E-08	-1.01E-08	-9.14E-09	-4.17E-09	-8.23E-09	-4.12E-10	-9.95E-09	-2.20E-09	-1.37E-09	-2.17E-09	-3.83E-10	-5.43E-10	-1.70E-08
9	473268.71, 3847405.61	0.47014		-5.95E-05	-2.78E-05	-5.49E-05	-2.06E-08	-6.22E-08	-3.60E-08	-1.68E-08	-1.52E-08	-6.96E-09	-1.37E-08	-6.88E-10	-1.66E-08	-3.66E-09	-2.28E-09	-3.62E-09	-6.39E-10	-9.06E-10	-2.84E-08
10	473268.71, 3847430.61	0.71396		-9.03E-05	-4.22E-05	-8.34E-05	-3.13E-08	-9.44E-08	-5.47E-08	-2.55E-08	-2.32E-08	-1.06E-08	-2.09E-08	-1.04E-09	-2.52E-08	-5.57E-09	-3.47E-09	-5.50E-09	-9.70E-10	-1.38E-09	-4.31E-08
11	473268.71, 3847455.61	1.1706		-1.48E-04	-6.92E-05	-1.37E-04	-5.13E-08	-1.55E-07	-8.96E-08	-4.19E-08	-3.80E-08	-1.73E-08	-3.42E-08	-1.71E-09	-4.14E-08	-9.12E-09	-5.69E-09	-9.02E-09	-1.59E-09	-2.26E-09	-7.07E-08
12	473268.71, 3847480.61	2.55986		-3.24E-04	-1.51E-04	-2.99E-04	-1.12E-07	-3.38E-07	-1.96E-07	-9.16E-08	-8.30E-08	-3.79E-08	-7.48E-08	-3.74E-09	-9.04E-08	-2.00E-08	-1.24E-08	-1.97E-08	-3.48E-09	-4.94E-09	-1.55E-07
13	473293.71, 3847255.61	0.12938		-1.64E-05	-7.65E-06	-1.51E-05	-5.67E-09	-1.71E-08	-9.90E-09	-4.63E-09	-4.20E-09	-1.91E-09	-3.78E-09	-1.89E-10	-4.57E-09	-1.01E-09	-6.29E-10	-9.97E-10	-1.76E-10	-2.49E-10	-7.82E-09
14	473293.71, 3847280.61	0.14335		-1.81E-05	-8.48E-06	-1.67E-05	-6.28E-09	-1.90E-08	-1.10E-08	-5.13E-09	-4.65E-09	-2.12E-09	-4.19E-09	-2.10E-10	-5.06E-09	-1.12E-09	-6.96E-10	-1.10E-09	-1.95E-10	-2.76E-10	-8.66E-09
15	473293.71, 3847305.61	0.16049		-2.03E-05	-9.49E-06	-1.87E-05	-7.03E-09	-2.12E-08	-1.23E-08	-5.74E-09	-5.21E-09	-2.38E-09	-4.69E-09	-2.35E-10	-5.67E-09	-1.25E-09	-7.80E-10	-1.24E-09	-2.18E-10	-3.09E-10	-9.70E-09
16	473293.71, 3847330.61	0.19041		-2.41E-05	-1.13E-05	-2.22E-05	-8.34E-09	-2.52E-08	-1.46E-08	-6.81E-09	-6.18E-09	-2.82E-09	-5.57E-09	-2.78E-10	-6.73E-09	-1.48E-09	-9.25E-10	-1.47E-09	-2.59E-10	-3.67E-10	-1.15E-08
17	473293.71, 3847355.61	0.20664		-2.61E-05	-1.22E-05	-2.41E-05	-9.05E-09	-2.73E-08	-1.58E-08	-7.39E-09	-6.70E-09	-3.06E-09	-6.04E-09	-3.02E-10	-7.30E-09	-1.61E-09	-1.00E-09	-1.59E-09	-2.81E-10	-3.98E-10	-1.25E-08
18	473293.71, 3847380.61	0.26751		-3.38E-05	-1.58E-05	-3.12E-05	-1.17E-08	-3.54E-08	-2.05E-08	-9.57E-09	-8.68E-09	-3.96E-09	-7.82E-09	-3.91E-10	-9.45E-09	-2.09E-09	-1.30E-09	-2.06E-09	-3.63E-10	-5.16E-10	-1.62E-08
19	473293.71, 3847405.61	0.43962		-5.56E-05	-2.60E-05	-5.13E-05	-1.93E-08	-5.81E-08	-3.37E-08	-1.57E-08	-1.43E-08	-6.51E-09	-1.28E-08	-6.43E-10	-1.55E-08	-3.43E-09	-2.14E-09	-3.39E-09	-5.97E-10	-8.48E-10	-2.66E-08
20	473293.71, 3847430.61	0.70025		-8.86E-05	-4.14E-05	-8.18E-05	-3.07E-08	-9.26E-08	-5.36E-08	-2.51E-08	-2.27E-08	-1.04E-08	-2.05E-08	-1.02E-09	-2.47E-08	-5.46E-09	-3.40E-09	-5.40E-09	-9.51E-10	-1.35E-09	-4.23E-08
21	473293.71, 3847455.61	1.14842		-1.45E-04	-6.79E-05	-1.34E-04	-5.03E-08	-1.52E-07	-8.79E-08	-4.11E-08	-3.72E-08	-1.70E-08	-3.36E-08	-1.68E-09	-4.06E-08	-8.95E-09	-5.58E-09	-8.85E-09	-1.56E-09	-2.21E-09	-6.94E-08
22	473293.71, 3847480.61	2.40344		-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.60E-08	-7.80E-08	-3.56E-08	-7.02E-08	-3.51E-09	-8.49E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.63E-09	-1.45E-07
23	473318.71, 3847255.61	0.12789		-1.62E-05	-7.56E-06	-1.49E-05	-5.60E-09	-1.69E-08	-9.79E-09	-4.58E-09	-4.15E-09	-1.89E-09	-3.74E-09	-1.87E-10	-4.52E-09	-9.97E-10	-6.21E-10	-9.86E-10	-1.74E-10	-2.47E-10	-7.73E-09
24	473318.71, 3847280.61	0.13734		-1.74E-05	-8.12E-06	-1.60E-05	-6.01E-09	-1.82E-08	-1.05E-08	-4.91E-09	-4.45E-09	-2.03E-09	-4.01E-09	-2.01E-10	-4.85E-09	-1.07E-09	-6.67E-10	-1.06E-09	-1.87E-10	-2.65E-10	-8.30E-09
25	473318.71, 3847305.61	0.15844		-2.00E-05	-9.37E-06	-1.85E-05	-6.94E-09	-2.10E-08	-1.21E-08	-5.67E-09	-5.14E-09	-2.34E-09	-4.63E-09	-2.32E-10	-5.60E-09	-1.24E-09	-7.70E-10	-1.22E-09	-2.15E-10	-3.05E-10	-9.57E-09
26	473318.71, 3847330.61	0.19029		-2.41E-05	-1.13E-05	-2.22E-05	-8.33E-09	-2.52E-08	-1.46E-08	-6.81E-09	-6.17E-09	-2.82E-09	-5.56E-09	-2.78E-10	-6.72E-09	-1.48E-09	-9.24E-10	-1.47E-09	-2.58E-10	-3.67E-10	-1.15E-08
27	473318.71, 3847355.61	0.2186		-2.77E-05	-1.29E-05	-2.55E-05	-9.57E-09	-2.89E-08	-1.67E-08	-7.82E-09	-7.09E-09	-3.24E-09	-6.39E-09	-3.20E-10	-7.72E-09	-1.70E-09	-1.06E-09	-1.68E-09	-2.97E-10	-4.21E-10	-1.32E-08
28	473318.71, 3847380.61	0.25865		-3.27E-05	-1.53E-05	-3.02E-05	-1.13E-08	-3.42E-08	-1.98E-08	-9.25E-09	-8.39E-09	-3.83E-09	-7.56E-09	-3.78E-10	-9.14E-09	-2.02E-09	-1.26E-09	-1.99E-09	-3.51E-10	-4.99E-10	-1.56E-08
29	473318.71, 3847405.61	0.42073		-5.32E-05	-2.49E-05	-4.91E-05	-1.84E-08	-5.56E-08	-3.22E-08	-1.51E-08	-1.36E-08	-6.23E-09	-1.23E-08	-6.15E-10	-1.49E-08	-3.28E-09	-2.04E-09	-3.24E-09	-5.71E-10	-8.11E-10	-2.54E-08
30	473318.71, 3847430.61	0.66141		-8.37E-05	-3.91E-05	-7.72E-05	-2.90E-08	-8.75E-08	-5.06E-08	-2.37E-08	-2.15E-08	-9.79E-09	-1.93E-08	-9.67E-10	-2.34E-08	-5.16E-09	-3.21E-09	-5.10E-09	-8.98E-10	-1.28E-09	-4.00E-08
31	473318.71, 3847455.61	1.11908		-1.42E-04	-6.62E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.57E-08	-4.00E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.95E-08	-8.72E-09	-5.44E-09	-8.62E-09	-1.52E-09	-2.16E-09	-6.76E-08
32	473318.71, 3847480.61	2.30368		-2.91E-04	-1.36E-04	-2.69E-04	-1.01E-07	-3.05E-07	-1.76E-07	-8.24E-08	-7.47E-08	-3.41E-08	-6.73E-08	-3.37E-09	-8.14E-08	-1.80E-08	-1.12E-08	-1.78E-08	-3.13E-09	-4.44E-09	-1.39E-07
33	473318.71, 3847505.61	6.05542		-7.66E-04	-3.58E-04	-7.07E-04	-2.65E-07	-8.01E-07	-4.64E-07	-2.17E-07	-1.96E-07	-8.96E-08	-1.77E-07	-8.86E-09	-2.14E-07	-4.72E-08	-2.94E-08	-4.67E-08	-8.22E-09	-1.17E-08	-3.66E-07
34	473343.71, 3847280.61	0.1399		-1.77E-05	-8.27E-06	-1.63E-05	-6.13E-09	-1.85E-08	-1.07E-08	-5.01E-09	-4.54E-09	-2.07E-09	-4.09E-09	-2.05E-10	-4.94E-09	-1.09E-09	-6.80E-10	-1.08E-09	-1.90E-10	-2.70E-10	-8.45E-09
35	473343.71, 3847305.61	0.15505		-1.96E-05	-9.17E-06	-1.81E-05	-6.79E-09	-2.05E-08	-1.19E-08	-5.55E-09	-5.03E-09	-2.29E-09	-4.53E-09	-2.27E-10	-5.48E-09	-1.21E-09	-7.53E-10	-1.19E-09	-2.11E-10	-2.99E-10	-9.37E-09
36	473343.71, 3847330.61	0.1765		-2.23E-05	-1.04E-05	-2.06E-05	-7.73E-09	-2.33E-08	-1.35E-08	-6.32E-09	-5.72E-09	-2.61E-09	-5.16E-09	-2.58E-10	-6.23E-09	-1.38E-09	-8.57E-10	-1.36E-09	-2.40E-10	-3.40E-10	-1.07E-08
37	473343.71, 3847355.61	0.22327		-2.82E-05	-1.32E-05	-2.61E-05	-9.78E-09	-2.95E-08	-1.71E-08	-7.99E-09	-7.24E-09	-3.30E-09	-6.53E-09	-3.27E-10	-7.89E-09	-1.74E-09	-1.08E-09	-1.72E-09	-3.03E-10	-4.30E-10	-1.35E-08
38	473343.71, 3847380.61	0.28931		-3.66E-05	-1.71E-05	-3.38E-05	-1.27E-08	-3.83E-08	-2.21E-08	-1.04E-08	-9.38E-09	-4.28E-09	-8.46E-09	-4.23E-10	-1.02E-08	-2.26E-09	-1.41E-09	-2.23E-09	-3.93E-10	-5.58E-10	-1.75E-08
39	473343.71, 3847405.61	0.42663		-5.40E-05	-2.52E-05	-4.98E-05	-1.87E-08	-5.64E-08	-3.27E-08	-1.53E-08	-1.38E-08	-6.31E-09	-1.25E-08	-6.24E-10	-1.51E-08	-3.33E-09	-2.07E-09	-3.29E-09	-5.79E-10	-8.22E-10	-2.58E-08
40	473343.71, 3847430.61	0.61146		-7.74E-05	-3.62E-05	-7.14E-05	-2.68E-08	-8.09E-08	-4.68E-08	-2.19E-08	-1.98E-08	-9.05E-09	-1.79E-08	-8.94E-10	-2.16E-08	-4.77E-09	-2.97E-09	-4.71E-09	-8.30E-10	-1.18E-09	-3.70E-08
41	473343.71, 3847455.61	1.13998		-1.44E-04	-6.74E-05	-1.33E-04	-4.99E-08	-1.51E-07	-8.73E-08	-4.08E-08	-3.70E-08	-1.69E-08	-3.33E-08	-1.67E-09	-4.03E-08	-8.89E-09	-5.54E-09	-8.79E-09	-1.55E-09	-2.20E-09	-6.89E-08
42	473343.71, 3847480.61	2.52832		-3.20E-04	-1.50E-04	-2.95E-04	-1.11E-07	-3.34E-07	-1.94E-07	-9.05E-08	-8.20E-08	-3.74E-08	-7.39E-08	-3.70E-09	-8.93E-08	-1.97E-08	-1.23E-08	-1.95E-08	-3.43E-09	-4.87E-09	-1.53E-07
43	473343.71, 3847505.61	5.50347		-6.96E-04	-3.25E-04	-6.43E-04	-2.41E-07	-7.28E-07	-4.21E-07	-1.97E-07	-1.79E-07	-8.14E-08	-1.61E-07	-8.05E-09	-1.94E-07	-4.29E-08	-2.67E-08	-4.24E-08	-7.47E-09	-1.06E-08	-3.33E-07
44	473343.71, 3847530.61	9.71985		-1.23E-03	-5.75E-04	-1.14E-03	-4.26E-07	-1.29E-06	-7.44E-07	-3.48E-07	-3.15E-07	-1.44E-07	-2.84E-07	-1.42E-08	-3.43E-07	-7.58E-08	-4.72E-08	-7.49E-08	-1.32E-08	-1.87E-08	-5.87E-07
45	473368.71, 3847280.61	0.14623		-1.85E-05	-8.65E-06	-1.71E-05	-6.40E-09	-1.93E-08	-1.12E-08	-5.23E-09	-4.74E-09	-2.16E-09	-4.27E-09	-2.14E-10	-5.17E-09	-1.14E-09	-7.10E-10	-1.13E-09	-1.99E-10	-2.82E-10	-8.84E-09
46	473368.71, 3847305.61	0.15781		-2.00E-05	-9.33E-06	-1.84E-05	-6.91E-09	-2.09E-08	-1.21E-08	-5.65E-09	-5.12E-09	-2.34E-09	-4.61E-09	-2.31E-10	-5.57E-09	-1.23E-09	-7.67E-10	-1.22E-09	-2.14E-10	-3.04E-10	-9.54E-09
47	473368.71, 3847330.61	0.18596		-2.35E-05	-1.10E-05	-2.17E-05	-8.14E-09	-2.46E-08	-1.42E-08	-6.65E-09	-6.03E-09	-2.75E-09	-5.44E-09	-2.72E-10	-6.57E-09	-1.45E-09	-9.03E-10	-1.43E-09	-2.53E-10	-3.59E-10	-1.12E-08
48	473368.71, 3847355.61	0.23173		-2.93E-05	-1.37E-05	-2.71E-05	-1.01E-08	-3.06E-08	-1.77E-08	-8.29E-09	-7.52E-09	-3.43E-09	-6.77E-09	-3.39E-10	-8.19E-09	-1.81E-09	-1.13E-09	-1.79E-09	-3.15E-10	-4.47E-10	-1.40E-08
49	473368.71, 3847380.61	0.29316		-3.71E-05	-1.73E-05	-3.42E-05	-1.28E-08	-3.88E-08	-2.24E-08	-1.05E-08	-9.51E-09	-4.34E-09	-8.57E-09	-4.29E-10	-1.04E-08	-2.29E-09	-1.42E-09	-2.26E-09	-3.98E-10	-5.65E-10	-1.77E-08
50	473368.71, 3847405.61	0.41357		-5.23E-05	-2.45E-05	-4.83E-05	-1.81E-08	-5.47E-08	-3.17E-08	-1.48E-08	-1.34E-08	-6.12E-09	-1.21E-08	-6.05E-10	-1.46E-08	-3.22E-09	-2.01E-09	-3.19E-09	-5.62E-10	-7.97E-10	-2.50E-08
51	473368.71, 3847430.61	0.51815		-6.56E-05	-3.06E-05	-6.05E-05	-2.27E-08	-6.85E-08	-3.97E-08	-1.85E-08	-1.68E-08	-7.67E-09	-1.51E-08	-7.58E-10	-1.83E-08	-4.04E-09	-2.52E-09	-3.99E-09	-7.04E-10	-9.99E-10	-3.13E-08
52	473368.71, 3847455.61	0.98901		-1.25E-04	-5.85E-05	-1.15E-04	-4.33E-08	-1.31E-07	-7.57E-08	-3.54E-08	-3.21E-08	-1.46E-08	-2.89E-08	-1.45E-09	-3.49E-08	-7.71E-09	-4.80E-09	-7.62E-09	-1.34E-09	-1.91E-09	-5.98E-08
53	473368.71, 3847480.61	2.44344		-3.09E-04	-1.44E-04	-2.85E-04	-1.07E-07	-3.23E-07	-1.87E-07	-8.74E-08	-7.93E-08	-3.62E-08	-7.14E-08	-3.57E-09	-8.63E-08	-1.90E-08	-1.19E-08	-1.88E-08	-3.32E-09	-4.71E-09	-1.48E-07
54	473368.71, 3847505.61	4.99989		-6.33E-04	-2.96E-04	-5.84E-04	-2.19E-07	-6.61E-07	-3.83E-07	-1.79E-07	-1.62E-07	-7.40E-08	-1.46E-07	-7.31E-09	-1.77E-07	-3.90E-08	-2.43E-08	-3.85E-08	-6.79E-09	-9.64E-09	-3.02E-07
55	473368.71, 3847530.61	8.0526		-1.02E-03	-4.76E-04	-9.40E-04	-3.53E-07	-1.06E-06	-6.16E-07	-2.88E-07	-2.61E-07	-1.19E-07	-2.35E-07	-1.18E-08	-2.84E-07	-6.28E-08	-3.91E-08	-6.21E-08	-1.09E-08	-1.55E-08	-4.87E-07
56	473393.71, 3847305.61	0.17552		-2.22E-05	-1.04E-05	-2.05E-05	-7.69E-09	-2.32E-08	-1.34E-08	-6.28E-09	-5.69E-09	-2.60E-09	-5.13E-09	-2.57E-10	-6.20E-09	-1.37E-09	-8.53E-10	-1.35E-09	-2.38E-10	-3.38E-10	-1.06E-08
57	473393.71, 3847330.61	0.20679		-2.62E-05	-1.22E-05	-2.41E-05	-9.06E-09	-2.73E-08	-1.58E-08	-7.40E-09	-6.71E-09	-3.06E-09	-6.04E-09	-3.02E-10	-7.30E-09	-1.61E-09	-1.00E-09	-1.59E-09	-2.81E-10	-3.99E-10	-1.25E-08
58	473393.71, 3847355.61	0.2493		-3.15E-05	-1.47E-05	-2.91E-05	-1.09E-08	-3.30E-08	-1.91E-08	-8.92E-09	-8.09E-09	-3.69E-09	-7.29E-09	-3.65E-10	-8.81E-09	-1.94E-09	-1.21E-09	-1.92E-09	-3.39E-10	-4.81E-10	-1.51E-08
59	473393.71, 3847380.61	0.31226		-3.95E-05	-1.85E-05	-3.65E-05	-1.37E-08	-4.13E-08	-2.39E-08	-1.12E-08	-1.01E-08	-4.62E-09	-9.13E-09	-4.57E-10	-1.10E-08	-2.43E-09	-1.52E-09	-2.41E-09	-4.24E-10	-6.02E-10	-1.89E-08

60	473393.71, 3847405.61	0.44254	-5.60E-05	-2.62E-05	-5.17E-05	-1.94E-08	-5.85E-08	-3.39E-08	-1.58E-08	-1.44E-08	-6.55E-09	-1.29E-08	-6.47E-10	-1.56E-08	-3.45E-09	-2.15E-09	-3.41E-09	-6.01E-10	-8.53E-10	-2.67E-08
61	473393.71, 3847430.61	0.58398	-7.39E-05	-3.45E-05	-6.82E-05	-2.56E-08	-7.72E-08	-4.47E-08	-2.09E-08	-1.89E-08	-8.64E-09	-1.71E-08	-8.54E-10	-2.06E-08	-4.55E-09	-2.84E-09	-4.50E-09	-7.93E-10	-1.13E-09	-3.53E-08
62	473393.71, 3847455.61	0.96234	-1.22E-04	-5.69E-05	-1.12E-04	-4.21E-08	-1.27E-07	-7.37E-08	-3.44E-08	-3.12E-08	-1.42E-08	-2.81E-08	-1.41E-09	-3.40E-08	-7.50E-09	-4.67E-09	-7.42E-09	-1.31E-09	-1.86E-09	-5.82E-08
63	473393.71, 3847480.61	2.02738	-2.56E-04	-1.20E-04	-2.37E-04	-8.88E-08	-2.68E-07	-1.55E-07	-7.25E-08	-6.58E-08	-3.00E-08	-5.93E-08	-2.96E-09	-7.16E-08	-1.58E-08	-9.85E-09	-1.56E-08	-2.75E-09	-3.91E-09	-1.23E-07
64	473393.71, 3847505.61	4.23344	-5.36E-04	-2.50E-04	-4.94E-04	-1.85E-07	-5.60E-07	-3.24E-07	-1.51E-07	-1.37E-07	-6.27E-08	-1.24E-07	-6.19E-09	-1.50E-07	-3.30E-08	-2.06E-08	-3.26E-08	-5.75E-09	-8.16E-09	-2.56E-07
65	473393.71, 3847530.61	5.9528	-7.53E-04	-3.52E-04	-6.95E-04	-2.61E-07	-7.87E-07	-4.56E-07	-2.13E-07	-1.93E-07	-8.81E-08	-1.74E-07	-8.71E-09	-2.10E-07	-4.64E-08	-2.89E-08	-4.59E-08	-8.09E-09	-1.15E-08	-3.60E-07
66	473393.71, 3847555.61	9.89499	-1.25E-03	-5.85E-04	-1.16E-03	-4.33E-07	-1.31E-06	-7.57E-07	-3.54E-07	-3.21E-07	-1.46E-07	-2.89E-07	-1.45E-08	-3.50E-07	-7.71E-08	-4.81E-08	-7.63E-08	-1.34E-08	-1.91E-08	-5.98E-07
67	473418.71, 3847305.61	0.18923	-2.39E-05	-1.12E-05	-2.21E-05	-8.29E-09	-2.50E-08	-1.45E-08	-6.77E-09	-6.14E-09	-2.80E-09	-5.53E-09	-2.77E-10	-6.68E-09	-1.48E-09	-9.19E-10	-1.46E-09	-2.57E-10	-3.65E-10	-1.14E-08
68	473418.71, 3847330.61	0.22367	-2.83E-05	-1.32E-05	-2.61E-05	-9.80E-09	-2.96E-08	-1.71E-08	-8.00E-09	-7.25E-09	-3.31E-09	-6.54E-09	-3.27E-10	-7.90E-09	-1.74E-09	-1.09E-09	-1.72E-09	-3.04E-10	-4.31E-10	-1.35E-08
69	473418.71, 3847355.61	0.27141	-3.43E-05	-1.60E-05	-3.17E-05	-1.19E-08	-3.59E-08	-2.08E-08	-9.71E-09	-8.80E-09	-4.02E-09	-7.93E-09	-3.97E-10	-9.59E-09	-2.12E-09	-1.32E-09	-2.09E-09	-3.69E-10	-5.23E-10	-1.64E-08
70	473418.71, 3847380.61	0.34095	-4.31E-05	-2.02E-05	-3.98E-05	-1.49E-08	-4.51E-08	-2.61E-08	-1.22E-08	-1.11E-08	-5.05E-09	-9.97E-09	-4.99E-10	-1.20E-08	-2.66E-09	-1.66E-09	-2.63E-09	-4.63E-10	-6.57E-10	-2.06E-08
71	473418.71, 3847405.61	0.45513	-5.76E-05	-2.69E-05	-5.32E-05	-1.99E-08	-6.02E-08	-3.48E-08	-1.63E-08	-1.48E-08	-6.74E-09	-1.33E-08	-6.66E-10	-1.61E-08	-3.55E-09	-2.21E-09	-3.51E-09	-6.18E-10	-8.77E-10	-2.75E-08
72	473418.71, 3847430.61	0.69663	-8.81E-05	-4.12E-05	-8.14E-05	-3.05E-08	-9.21E-08	-5.33E-08	-2.49E-08	-2.26E-08	-1.03E-08	-2.04E-08	-1.02E-09	-2.46E-08	-5.43E-09	-3.38E-09	-5.37E-09	-9.46E-10	-1.34E-09	-4.21E-08
73	473418.71, 3847455.61	1.09619	-1.39E-04	-6.48E-05	-1.28E-04	-4.80E-08	-1.45E-07	-8.39E-08	-3.92E-08	-3.56E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.87E-08	-8.54E-09	-5.33E-09	-8.45E-09	-1.49E-09	-2.11E-09	-6.62E-08
74	473418.71, 3847480.61	1.82105	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
75	473418.71, 3847505.61	3.06795	-3.88E-04	-1.81E-04	-3.58E-04	-1.34E-07	-4.06E-07	-2.35E-07	-1.10E-07	-9.95E-08	-4.54E-08	-8.97E-08	-4.49E-09	-1.08E-07	-2.39E-08	-1.49E-08	-2.36E-08	-4.17E-09	-5.91E-09	-1.85E-07
76	473418.71, 3847530.61	4.75194	-6.01E-04	-2.81E-04	-5.55E-04	-2.08E-07	-6.28E-07	-3.64E-07	-1.70E-07	-1.54E-07	-7.03E-08	-1.39E-07	-6.95E-09	-1.68E-07	-3.70E-08	-2.31E-08	-3.66E-08	-6.45E-09	-9.16E-09	-2.87E-07
77	473418.71, 3847555.61	8.14578	-1.03E-03	-4.82E-04	-9.51E-04	-3.57E-07	-1.08E-06	-6.24E-07	-2.91E-07	-2.64E-07	-1.21E-07	-2.38E-07	-1.19E-08	-2.88E-07	-6.35E-08	-3.96E-08	-6.28E-08	-1.11E-08	-1.57E-08	-4.92E-07
78	473443.71, 3847330.61	0.24101	-3.05E-05	-1.43E-05	-2.81E-05	-1.06E-08	-3.19E-08	-1.84E-08	-8.62E-09	-7.82E-09	-3.57E-09	-7.04E-09	-3.52E-10	-8.51E-09	-1.88E-09	-1.17E-09	-1.86E-09	-3.27E-10	-4.65E-10	-1.46E-08
79	473443.71, 3847355.61	0.29508	-3.73E-05	-1.74E-05	-3.45E-05	-1.29E-08	-3.90E-08	-2.26E-08	-1.06E-08	-9.57E-09	-4.37E-09	-8.62E-09	-4.32E-10	-1.04E-08	-2.30E-09	-1.43E-09	-2.27E-09	-4.01E-10	-5.69E-10	-1.78E-08
80	473443.71, 3847380.61	0.37364	-4.73E-05	-2.21E-05	-4.36E-05	-1.64E-08	-4.94E-08	-2.86E-08	-1.34E-08	-1.21E-08	-5.53E-09	-1.09E-08	-5.46E-10	-1.32E-08	-2.91E-09	-1.82E-09	-2.88E-09	-5.07E-10	-7.20E-10	-2.26E-08
81	473443.71, 3847405.61	0.49089	-6.21E-05	-2.90E-05	-5.73E-05	-2.15E-08	-6.49E-08	-3.76E-08	-1.76E-08	-1.59E-08	-7.27E-09	-1.43E-08	-7.18E-10	-1.73E-08	-3.83E-09	-2.38E-09	-3.78E-09	-6.67E-10	-9.46E-10	-2.97E-08
82	473443.71, 3847430.61	0.69105	-8.74E-05	-4.09E-05	-8.07E-05	-3.03E-08	-9.14E-08	-5.29E-08	-2.47E-08	-2.24E-08	-1.02E-08	-2.02E-08	-1.01E-09	-2.44E-08	-5.39E-09	-3.36E-09	-5.33E-09	-9.39E-10	-1.33E-09	-4.18E-08
83	473443.71, 3847455.61	1.00918	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.33E-07	-7.73E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.56E-08	-7.87E-09	-4.90E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
84	473443.71, 3847480.61	1.60517	-2.03E-04	-9.49E-05	-1.87E-04	-7.03E-08	-2.12E-07	-1.23E-07	-5.74E-08	-5.21E-08	-2.38E-08	-4.69E-08	-2.35E-09	-5.67E-08	-1.25E-08	-7.80E-09	-1.24E-08	-2.18E-09	-3.09E-09	-9.70E-08
85	473443.71, 3847505.61	2.70152	-3.42E-04	-1.60E-04	-3.15E-04	-1.18E-07	-3.57E-07	-2.07E-07	-9.67E-08	-8.76E-08	-4.00E-08	-7.90E-08	-3.95E-09	-9.54E-08	-2.11E-08	-1.31E-08	-2.08E-08	-3.67E-09	-5.21E-09	-1.63E-07
86	473443.71, 3847530.61	4.23996	-5.36E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.17E-09	-2.56E-07
87	473443.71, 3847555.61	7.1457	-9.04E-04	-4.23E-04	-8.34E-04	-3.13E-07	-9.45E-07	-5.47E-07	-2.56E-07	-2.32E-07	-1.06E-07	-2.09E-07	-1.05E-08	-2.52E-07	-5.57E-08	-3.47E-08	-5.51E-08	-9.71E-09	-1.38E-08	-4.32E-07
88	473443.71, 3847580.61	10.25327	-1.30E-03	-6.06E-04	-1.20E-03	-4.49E-07	-1.36E-06	-7.85E-07	-3.67E-07	-3.33E-07	-1.52E-07	-3.00E-07	-1.50E-08	-3.62E-07	-7.99E-08	-4.98E-08	-7.90E-08	-1.39E-08	-1.98E-08	-6.20E-07
89	473468.71, 3847330.61	0.23727	-3.00E-05	-1.40E-05	-2.77E-05	-1.04E-08	-3.14E-08	-1.82E-08	-8.49E-09	-7.70E-09	-3.51E-09	-6.93E-09	-3.47E-10	-8.38E-09	-1.85E-09	-1.15E-09	-1.83E-09	-3.22E-10	-4.57E-10	-1.43E-08
90	473468.71, 3847355.61	0.30151	-3.81E-05	-1.78E-05	-3.52E-05	-1.32E-08	-3.99E-08	-2.31E-08	-1.08E-08	-9.78E-09	-4.46E-09	-8.81E-09	-4.41E-10	-1.07E-08	-2.35E-09	-1.46E-09	-2.32E-09	-4.10E-10	-5.81E-10	-1.82E-08
91	473468.71, 3847380.61	0.40194	-5.09E-05	-2.38E-05	-4.69E-05	-1.76E-08	-5.31E-08	-3.08E-08	-1.44E-08	-1.30E-08	-5.95E-09	-1.17E-08	-5.88E-10	-1.42E-08	-3.13E-09	-1.95E-09	-3.10E-09	-5.46E-10	-7.75E-10	-2.43E-08
92	473468.71, 3847405.61	0.53194	-6.73E-05	-3.15E-05	-6.21E-05	-2.33E-08	-7.03E-08	-4.07E-08	-1.90E-08	-1.73E-08	-7.87E-09	-1.55E-08	-7.78E-10	-1.88E-08	-4.15E-09	-2.58E-09	-4.10E-09	-7.22E-10	-1.03E-09	-3.21E-08
93	473468.71, 3847430.61	0.74459	-9.42E-05	-4.40E-05	-8.70E-05	-3.26E-08	-9.85E-08	-5.70E-08	-2.66E-08	-2.42E-08	-1.10E-08	-2.18E-08	-1.09E-09	-2.63E-08	-5.80E-09	-3.62E-09	-5.74E-09	-1.01E-09	-1.44E-09	-4.50E-08
94	473468.71, 3847455.61	1.0647	-1.35E-04	-6.30E-05	-1.24E-04	-4.66E-08	-1.41E-07	-8.15E-08	-3.81E-08	-3.45E-08	-1.58E-08	-3.11E-08	-1.56E-09	-3.76E-08	-8.30E-09	-5.17E-09	-8.21E-09	-1.45E-09	-2.05E-09	-6.43E-08
95	473468.71, 3847480.61	1.59534	-2.02E-04	-9.43E-05	-1.86E-04	-6.99E-08	-2.11E-07	-1.22E-07	-5.71E-08	-5.17E-08	-2.36E-08	-4.66E-08	-2.33E-09	-5.64E-08	-1.24E-08	-7.75E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.64E-08
96	473468.71, 3847505.61	2.49219	-3.15E-04	-1.47E-04	-2.91E-04	-1.09E-07	-3.30E-07	-1.91E-07	-8.92E-08	-8.08E-08	-3.69E-08	-7.28E-08	-3.64E-09	-8.80E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.38E-09	-4.80E-09	-1.51E-07
97	473468.71, 3847530.61	3.87053	-4.90E-04	-2.29E-04	-4.52E-04	-1.70E-07	-5.12E-07	-2.96E-07	-1.38E-07	-1.26E-07	-5.73E-08	-1.13E-07	-5.66E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.98E-08	-5.26E-09	-7.46E-09	-2.34E-07
98	473468.71, 3847555.61	5.79791	-7.34E-04	-3.43E-04	-6.77E-04	-2.54E-07	-7.67E-07	-4.44E-07	-2.07E-07	-1.88E-07	-8.58E-08	-1.69E-07	-8.48E-09	-2.05E-07	-4.52E-08	-2.82E-08	-4.47E-08	-7.87E-09	-1.12E-08	-3.50E-07
99	473468.71, 3847580.61	8.51228	-1.08E-03	-5.03E-04	-9.94E-04	-3.73E-07	-1.13E-06	-6.52E-07	-3.05E-07	-2.76E-07	-1.26E-07	-2.49E-07	-1.24E-08	-3.01E-07	-6.64E-08	-4.14E-08	-6.56E-08	-1.16E-08	-1.64E-08	-5.14E-07
100	473468.71, 3847605.61	12.0307	-1.52E-03	-7.11E-04	-1.40E-03	-5.27E-07	-1.59E-06	-9.21E-07	-4.30E-07	-3.90E-07	-1.78E-07	-3.52E-07	-1.76E-08	-4.25E-07	-9.38E-08	-5.84E-08	-9.27E-08	-1.63E-08	-2.32E-08	-7.27E-07
101	473493.71, 3847355.61	0.31229	-3.95E-05	-1.85E-05	-3.65E-05	-1.37E-08	-4.13E-08	-2.39E-08	-1.12E-08	-1.01E-08	-4.62E-09	-9.13E-09	-4.57E-10	-1.10E-08	-2.43E-09	-1.52E-09	-2.41E-09	-4.24E-10	-6.02E-10	-1.89E-08
102	473493.71, 3847380.61	0.40988	-5.19E-05	-2.42E-05	-4.79E-05	-1.80E-08	-5.42E-08	-3.14E-08	-1.47E-08	-1.33E-08	-6.07E-09	-1.20E-08	-5.99E-10	-1.45E-08	-3.19E-09	-1.99E-09	-3.16E-09	-5.57E-10	-7.90E-10	-2.48E-08
103	473493.71, 3847405.61	0.54237	-6.86E-05	-3.21E-05	-6.33E-05	-2.38E-08	-7.17E-08	-4.15E-08	-1.94E-08	-1.76E-08	-8.03E-09	-1.59E-08	-7.93E-10	-1.92E-08	-4.23E-09	-2.63E-09	-4.18E-09	-7.37E-10	-1.05E-09	-3.28E-08
104	473493.71, 3847430.61	0.76431	-9.67E-05	-4.52E-05	-8.93E-05	-3.35E-08	-1.01E-07	-5.85E-08	-2.73E-08	-2.48E-08	-1.13E-08	-2.23E-08	-1.12E-09	-2.70E-08	-5.96E-09	-3.71E-09	-5.89E-09	-1.04E-09	-1.47E-09	-4.62E-08
105	473493.71, 3847455.61	1.1033	-1.40E-04	-6.52E-05	-1.29E-04	-4.83E-08	-1.46E-07	-8.45E-08	-3.95E-08	-3.58E-08	-1.63E-08	-3.22E-08	-1.61E-09	-3.90E-08	-8.60E-09	-5.36E-09	-8.50E-09	-1.50E-09	-2.13E-09	-6.67E-08
106	473493.71, 3847480.61	1.60719	-2.03E-04	-9.50E-05	-1.88E-04	-7.04E-08	-2.13E-07	-1.23E-07	-5.75E-08	-5.21E-08	-2.38E-08	-4.70E-08	-2.35E-09	-5.68E-08	-1.25E-08	-7.81E-09	-1.24E-08	-2.18E-09	-3.10E-09	-9.71E-08
107	473493.71, 3847505.61	2.34846	-2.97E-04	-1.39E-04	-2.74E-04	-1.03E-07	-3.11E-07	-1.80E-07	-8.40E-08	-7.62E-08	-3.48E-08	-6.86E-08	-3.43E-09	-8.30E-08	-1.83E-08	-1.14E-08	-1.81E-08	-3.19E-09	-4.53E-09	-1.42E-07
108	473493.71, 3847530.61	3.42913	-4.34E-04	-2.03E-04	-4.00E-04	-1.50E-07	-4.53E-07	-2.62E-07	-1.23E-07	-1.11E-07	-5.08E-08	-1.00E-07	-5.01E-09	-1.21E-07	-2.67E-08	-1.67E-08	-2.64E-08	-4.66E-09	-6.61E-09	-2.07E-07
109	473493.71, 3847555.61	4.8273	-6.11E-04	-2.85E-04	-5.64E-04	-2.11E-07	-6.38E-07	-3.70E-07	-1.73E-07	-1.57E-07	-7.14E-08	-1.41E-07	-7.06E-09	-1.71E-07	-3.76E-08	-2.35E-08	-3.72E-08	-6.56E-09	-9.31E-09	-2.92E-07
110	473493.71, 3847580.61	7.03619	-8.90E-04	-4.16E-04	-8.22E-04	-3.08E-07	-9.30E-07	-5.39E-07	-2.52E-07	-2.28E-07	-1.04E-07	-2.06E-07	-1.03E-08	-2.49E-07	-5.48E-08	-3.42E-08	-5.42E-08	-9.56E-09	-1.36E-08	-4.25E-07
111	473493.71, 3847605.61	10.05368	-1.27E-03	-5.95E-04	-1.17E-03	-4.40E-07	-1.33E-06	-7.70E-07	-3.60E-07	-3.26E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.55E-07	-7.84E-08	-4.88E-08	-7.75E-08	-1.37E-08	-1.94E-08	-6.08E-07
112	473518.71, 3847355.61	0.30877	-3.91E-05	-1.83E-05	-3.61E-05	-1.35E-08	-4.08E-08	-2.36E-08	-1.10E-08	-1.00E-08	-4.57E-09	-9.02E-09	-4.52E-10	-1.09E-08	-2.41E-09	-1.50E-09	-2.38E-09	-4.19E-10	-5.95E-10	-1.87E-08
113	473518.71, 3847380.61	0.39646	-5.02E-05	-2.34E-05	-4.63E-05	-1.74E-08	-5.24E-08	-3.03E-08	-1.42E-08	-1.29E-08	-5.87E-09	-1.16E-08	-5.80E-10	-1.40E-08	-3.09E-09	-1.93E-09	-3.06E-09	-5.38E-10	-7.64E-10	-2.40E-08
114	473518.71, 3847405.61	0.50937	-6.44E-05	-3.01E-05	-5.95E-05	-2.23E-08	-6.74E-08	-3.90E-08	-1.82E-08	-1.65E-08	-7.54E-09	-1.49E-08	-7.45E-10	-1.80E-08	-3.97E-09	-2.47E-09	-3.93E-09	-6.92E-10	-9.82E-10	-3.08E-08
115	473518.71, 3847430.61	0.72181	-9.13E-05	-4.27E-05	-8.43E-05	-3.16E-08	-9.54E-08	-5.53E-08	-2.58E-08	-2.34E-08	-1.07E-08	-2.11E-08	-1.06E-09	-2.55E-08	-5.63E-09	-3.51E-09	-5.56E-09	-9.80E-10	-1.39E-09	-4.36E-08
116	473518.71, 3847455.61	1.04072	-1.32E-04	-6.15E-05	-1.22E-04	-4.56E-08	-1.38E-07	-7.97E-08	-3.72E-08	-3.38E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.68E-08	-8.11E-09	-5.06E-09	-8.02E-09	-1.41E-09	-2.01E-09	-6.29E-08
117	473518.71, 3847480.61	1.51461	-1.92E-04	-8.96E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.43E-08	-2.22E-09	-5.35E-08	-1.18E-08	-7.36E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
118	473518.71, 3847505.61	2.19808	-2.78E-04	-1.30E-04	-2.57E-04	-9.63E-08	-2.91E-07	-1.68E-07	-7.86E-08	-7.13E-08	-3.25E-08	-6.42E-08	-3.21E-09	-7.76E-08	-1.71E-08	-1.07E-08	-1.69E-08	-2.99E-09	-4.24E-09	-1.33E-07
119	473518.71, 3847530.61	3.13992	-3.97E-04	-1.86E-04	-3.67E-04	-1.38E-07	-4.15E-07	-2.40E-07	-1.12E-07	-1.02E-07	-4.65E-08	-9.18E-08	-4.59E-09	-1.11E-07	-2.45E-08	-1.53E-08	-2.42E-08	-4.26E-09	-6.05E-09	-1.90E-07
120	473518.71, 3847555.61	4.40481	-5.57E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.58E-07	-1.43E-07	-6.52E-08	-1.29E-07	-6.44E-09	-1.56E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.98E-09	-8.49E-09	-2.66E-07
121	473518.71, 3847580.61	6.28055	-7.95E-04	-3.71E-04	-7.33E-04	-2.75E-07	-8.30E-07	-4.81E-07	-2.25E-07	-2.04E-07	-9.30E-08	-1.84E-07	-9.18E-09	-2.22E-07	-4.90E-08	-3.05E-08	-4.84E-08	-8.53E-09	-1.21E-08	-3.80E-07
122	473518.71, 3847605.61	8.67428	-1.10E-03	-5.13E-04	-1.01E-03	-3.80E-07	-1.15E-06	-6.64E-07	-3.10E-07	-2.81E-07	-1.28E-07	-2.54E-07	-1.27E-08	-3.06E-07	-6.76E-08	-4.21E-08	-6.68E-08	-1.18E-08	-1.67E-08	-5.24E-07
123	473518.71, 3847630.61	11.78438	-1.49E-03	-6.97E-04	-1.38E-03	-5.16E-07	-1.56E-06	-9.02E-07	-4.22E-07	-3.82E-07	-1.74E-07	-3.44E-07	-1.72E-08	-4.16E-07	-9.19E-08	-5.72E-08	-9.08E-08	-1.60E-08	-2.27E-08	-7.12E-07

124	473543.71, 3847380.61	0.35964	-4.55E-05	-2.13E-05	-4.20E-05	-1.58E-08	-4.76E-08	-2.75E-08	-1.29E-08	-1.17E-08	-5.32E-09	-1.05E-08	-5.26E-10	-1.27E-08	-2.80E-09	-1.75E-09	-2.77E-09	-4.88E-10	-6.93E-10	-2.17E-08
125	473543.71, 3847405.61	0.49038	-6.20E-05	-2.90E-05	-5.73E-05	-2.15E-08	-6.48E-08	-3.75E-08	-1.75E-08	-1.59E-08	-7.26E-09	-1.43E-08	-7.17E-10	-1.73E-08	-3.82E-09	-2.38E-09	-3.78E-09	-6.66E-10	-9.45E-10	-2.96E-08
126	473543.71, 3847430.61	0.68402	-8.65E-05	-4.04E-05	-7.99E-05	-3.00E-08	-9.04E-08	-5.24E-08	-2.45E-08	-2.22E-08	-1.01E-08	-2.00E-08	-1.00E-09	-2.42E-08	-5.33E-09	-3.32E-09	-5.27E-09	-9.29E-10	-1.32E-09	-4.13E-08
127	473543.71, 3847455.61	0.97097	-1.23E-04	-5.74E-05	-1.13E-04	-4.25E-08	-1.28E-07	-7.43E-08	-3.47E-08	-3.15E-08	-1.44E-08	-2.84E-08	-1.42E-09	-3.43E-08	-7.57E-09	-4.72E-09	-7.48E-09	-1.32E-09	-1.87E-09	-5.87E-08
128	473543.71, 3847480.61	1.38948	-1.76E-04	-8.22E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.97E-08	-4.51E-08	-2.06E-08	-4.06E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.75E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.40E-08
129	473543.71, 3847505.61	1.99105	-2.52E-04	-1.18E-04	-2.33E-04	-8.72E-08	-2.63E-07	-1.52E-07	-7.12E-08	-6.46E-08	-2.95E-08	-5.82E-08	-2.91E-09	-7.03E-08	-1.55E-08	-9.67E-09	-1.53E-08	-2.70E-09	-3.84E-09	-1.20E-07
130	473543.71, 3847530.61	2.84773	-3.60E-04	-1.68E-04	-3.33E-04	-1.25E-07	-3.77E-07	-2.18E-07	-1.02E-07	-9.24E-08	-4.21E-08	-8.32E-08	-4.16E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.19E-08	-3.87E-09	-5.49E-09	-1.72E-07
131	473543.71, 3847555.61	3.91522	-4.95E-04	-2.32E-04	-4.57E-04	-1.71E-07	-5.18E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.79E-08	-1.14E-07	-5.73E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.02E-08	-5.32E-09	-7.55E-09	-2.37E-07
132	473543.71, 3847580.61	5.2866	-6.69E-04	-3.13E-04	-6.17E-04	-2.32E-07	-6.99E-07	-4.05E-07	-1.89E-07	-1.71E-07	-7.82E-08	-1.55E-07	-7.73E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.07E-08	-7.18E-09	-1.02E-08	-3.19E-07
133	473543.71, 3847605.61	7.40812	-9.37E-04	-4.38E-04	-8.65E-04	-3.24E-07	-9.80E-07	-5.67E-07	-2.65E-07	-2.40E-07	-1.10E-07	-2.17E-07	-1.08E-08	-2.62E-07	-5.77E-08	-3.60E-08	-5.71E-08	-1.01E-08	-1.43E-08	-4.48E-07
134	473543.71, 3847630.61	9.86236	-1.25E-03	-5.83E-04	-1.15E-03	-4.32E-07	-1.30E-06	-7.55E-07	-3.53E-07	-3.20E-07	-1.46E-07	-2.88E-07	-1.44E-08	-3.48E-07	-7.69E-08	-4.79E-08	-7.60E-08	-1.34E-08	-1.90E-08	-5.96E-07
135	473568.71, 3847380.61	0.36267	-4.59E-05	-2.14E-05	-4.24E-05	-1.59E-08	-4.80E-08	-2.78E-08	-1.30E-08	-1.18E-08	-5.37E-09	-1.06E-08	-5.30E-10	-1.28E-08	-2.83E-09	-1.76E-09	-2.79E-09	-4.93E-10	-6.99E-10	-2.19E-08
136	473568.71, 3847405.61	0.46114	-5.83E-05	-2.73E-05	-5.39E-05	-2.02E-08	-6.10E-08	-3.53E-08	-1.65E-08	-1.50E-08	-6.82E-09	-1.35E-08	-6.74E-10	-1.63E-08	-3.59E-09	-2.24E-09	-3.55E-09	-6.26E-10	-8.89E-10	-2.79E-08
137	473568.71, 3847430.61	0.62007	-7.84E-05	-3.67E-05	-7.24E-05	-2.72E-08	-8.20E-08	-4.75E-08	-2.22E-08	-2.01E-08	-9.18E-09	-1.81E-08	-9.07E-10	-2.19E-08	-4.83E-09	-3.01E-09	-4.78E-09	-8.42E-10	-1.20E-09	-3.75E-08
138	473568.71, 3847455.61	0.88633	-1.12E-04	-5.24E-05	-1.04E-04	-3.88E-08	-1.17E-07	-6.78E-08	-3.17E-08	-2.87E-08	-1.31E-08	-2.59E-08	-1.30E-09	-3.13E-08	-6.91E-09	-4.31E-09	-6.83E-09	-1.20E-09	-1.71E-09	-5.36E-08
139	473568.71, 3847480.61	1.27637	-1.61E-04	-7.55E-05	-1.49E-04	-5.59E-08	-1.69E-07	-9.77E-08	-4.57E-08	-4.14E-08	-1.89E-08	-3.73E-08	-1.87E-09	-4.51E-08	-9.95E-09	-6.20E-09	-9.84E-09	-1.73E-09	-2.46E-09	-7.71E-08
140	473568.71, 3847505.61	1.81688	-2.30E-04	-1.07E-04	-2.12E-04	-7.96E-08	-2.40E-07	-1.39E-07	-6.50E-08	-5.89E-08	-2.69E-08	-5.31E-08	-2.66E-09	-6.42E-08	-1.42E-08	-8.83E-09	-1.40E-08	-2.47E-09	-3.50E-09	-1.10E-07
141	473568.71, 3847530.61	2.52015	-3.19E-04	-1.49E-04	-2.94E-04	-1.10E-07	-3.33E-07	-1.93E-07	-9.02E-08	-8.17E-08	-3.73E-08	-7.37E-08	-3.69E-09	-8.90E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.42E-09	-4.86E-09	-1.52E-07
142	473568.71, 3847555.61	3.27316	-4.14E-04	-1.94E-04	-3.82E-04	-1.43E-07	-4.33E-07	-2.51E-07	-1.17E-07	-1.06E-07	-4.84E-08	-9.57E-08	-4.79E-09	-1.16E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.45E-09	-6.31E-09	-1.98E-07
143	473568.71, 3847580.61	4.39864	-5.56E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.57E-07	-1.43E-07	-6.51E-08	-1.29E-07	-6.43E-09	-1.55E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.97E-09	-8.48E-09	-2.66E-07
144	473568.71, 3847605.61	5.8935	-7.46E-04	-3.49E-04	-6.88E-04	-2.58E-07	-7.79E-07	-4.51E-07	-2.11E-07	-1.91E-07	-8.72E-08	-1.72E-07	-8.62E-09	-2.08E-07	-4.59E-08	-2.86E-08	-4.54E-08	-8.00E-09	-1.14E-08	-3.56E-07
145	473568.71, 3847630.61	8.35507	-1.06E-03	-4.94E-04	-9.76E-04	-3.66E-07	-1.10E-06	-6.40E-07	-2.99E-07	-2.71E-07	-1.24E-07	-2.44E-07	-1.22E-08	-2.95E-07	-6.51E-08	-4.06E-08	-6.44E-08	-1.13E-08	-1.61E-08	-5.05E-07
146	473568.71, 3847655.61	11.22198	-1.42E-03	-6.64E-04	-1.31E-03	-4.91E-07	-1.48E-06	-8.59E-07	-4.02E-07	-3.64E-07	-1.66E-07	-3.28E-07	-1.64E-08	-3.96E-07	-8.75E-08	-5.45E-08	-8.65E-08	-1.52E-08	-2.16E-08	-6.78E-07
147	473593.71, 3847405.61	0.46998	-5.95E-05	-2.78E-05	-5.49E-05	-2.06E-08	-6.21E-08	-3.60E-08	-1.68E-08	-1.52E-08	-6.96E-09	-1.37E-08	-6.87E-10	-1.66E-08	-3.66E-09	-2.28E-09	-3.62E-09	-6.38E-10	-9.06E-10	-2.84E-08
148	473593.71, 3847430.61	0.59876	-7.58E-05	-3.54E-05	-6.99E-05	-2.62E-08	-7.92E-08	-4.58E-08	-2.14E-08	-1.94E-08	-8.86E-09	-1.75E-08	-8.76E-10	-2.12E-08	-4.67E-09	-2.91E-09	-4.61E-09	-8.13E-10	-1.15E-09	-3.62E-08
149	473593.71, 3847455.61	0.82423	-1.04E-04	-4.87E-05	-9.63E-05	-3.61E-08	-1.09E-07	-6.31E-08	-2.95E-08	-2.67E-08	-1.22E-08	-2.41E-08	-1.21E-09	-2.91E-08	-6.42E-09	-4.00E-09	-6.35E-09	-1.12E-09	-1.59E-09	-4.98E-08
150	473593.71, 3847480.61	1.17577	-1.49E-04	-6.95E-05	-1.37E-04	-5.15E-08	-1.55E-07	-9.00E-08	-4.21E-08	-3.81E-08	-1.74E-08	-3.44E-08	-1.72E-09	-4.15E-08	-9.17E-09	-5.71E-09	-9.06E-09	-1.60E-09	-2.27E-09	-7.11E-08
151	473593.71, 3847505.61	1.66266	-2.10E-04	-9.83E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.87E-08	-1.30E-08	-8.08E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.00E-07
152	473593.71, 3847530.61	2.20464	-2.79E-04	-1.30E-04	-2.57E-04	-9.66E-08	-2.92E-07	-1.69E-07	-7.89E-08	-7.15E-08	-3.26E-08	-6.44E-08	-3.22E-09	-7.79E-08	-1.72E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.25E-09	-1.33E-07
153	473593.71, 3847555.61	2.90238	-3.67E-04	-1.72E-04	-3.39E-04	-1.27E-07	-3.84E-07	-2.22E-07	-1.04E-07	-9.41E-08	-4.30E-08	-8.48E-08	-4.24E-09	-1.03E-07	-2.26E-08	-1.41E-08	-2.24E-08	-3.94E-09	-5.60E-09	-1.75E-07
154	473593.71, 3847580.61	3.86508	-4.89E-04	-2.29E-04	-4.51E-04	-1.69E-07	-5.11E-07	-2.96E-07	-1.38E-07	-1.25E-07	-5.72E-08	-1.13E-07	-5.65E-09	-1.37E-07	-3.01E-08	-1.88E-08	-2.98E-08	-5.25E-09	-7.45E-09	-2.34E-07
155	473593.71, 3847605.61	5.10886	-6.46E-04	-3.02E-04	-5.97E-04	-2.24E-07	-6.76E-07	-3.91E-07	-1.83E-07	-1.66E-07	-7.56E-08	-1.49E-07	-7.47E-09	-1.80E-07	-3.98E-08	-2.48E-08	-3.94E-08	-6.94E-09	-9.85E-09	-3.09E-07
156	473593.71, 3847630.61	6.97625	-8.83E-04	-4.13E-04	-8.15E-04	-3.06E-07	-9.22E-07	-5.34E-07	-2.50E-07	-2.26E-07	-1.03E-07	-2.04E-07	-1.02E-08	-2.46E-07	-5.44E-08	-3.39E-08	-5.38E-08	-9.48E-09	-1.34E-08	-4.22E-07
157	473593.71, 3847655.61	9.59302	-1.21E-03	-5.67E-04	-1.12E-03	-4.20E-07	-1.27E-06	-7.34E-07	-3.43E-07	-3.11E-07	-1.42E-07	-2.80E-07	-1.40E-08	-3.39E-07	-7.48E-08	-4.66E-08	-7.39E-08	-1.30E-08	-1.85E-08	-5.80E-07
158	473593.71, 3847680.61	13.02055	-1.65E-03	-7.70E-04	-1.52E-03	-5.70E-07	-1.72E-06	-9.97E-07	-4.66E-07	-4.22E-07	-1.93E-07	-3.81E-07	-1.90E-08	-4.60E-07	-1.01E-07	-6.33E-08	-1.00E-07	-1.77E-08	-2.51E-08	-7.87E-07
159	473618.71, 3847405.61	0.48887	-6.18E-05	-2.89E-05	-5.71E-05	-2.14E-08	-6.46E-08	-3.74E-08	-1.75E-08	-1.59E-08	-7.24E-09	-1.43E-08	-7.15E-10	-1.73E-08	-3.81E-09	-2.37E-09	-3.77E-09	-6.64E-10	-9.42E-10	-2.95E-08
160	473618.71, 3847430.61	0.62686	-7.93E-05	-3.71E-05	-7.32E-05	-2.75E-08	-8.29E-08	-4.80E-08	-2.24E-08	-2.03E-08	-9.28E-09	-1.83E-08	-9.17E-10	-2.21E-08	-4.89E-09	-3.05E-09	-4.83E-09	-8.51E-10	-1.21E-09	-3.79E-08
161	473618.71, 3847455.61	0.83264	-1.05E-04	-4.92E-05	-9.72E-05	-3.65E-08	-1.10E-07	-6.37E-08	-2.98E-08	-2.70E-08	-1.23E-08	-2.43E-08	-1.22E-09	-2.94E-08	-6.49E-09	-4.04E-09	-6.42E-09	-1.13E-09	-1.61E-09	-5.03E-08
162	473618.71, 3847480.61	1.12885	-1.43E-04	-6.68E-05	-1.32E-04	-4.94E-08	-1.49E-07	-8.64E-08	-4.04E-08	-3.66E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.99E-08	-8.80E-09	-5.48E-09	-8.70E-09	-1.53E-09	-2.18E-09	-6.82E-08
163	473618.71, 3847505.61	1.53091	-1.94E-04	-9.05E-05	-1.79E-04	-6.70E-08	-2.02E-07	-1.17E-07	-5.48E-08	-4.97E-08	-2.27E-08	-4.47E-08	-2.24E-09	-5.41E-08	-1.19E-08	-7.44E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.25E-08
164	473618.71, 3847530.61	2.00785	-2.54E-04	-1.19E-04	-2.34E-04	-8.79E-08	-2.66E-07	-1.54E-07	-7.18E-08	-6.51E-08	-2.97E-08	-5.87E-08	-2.94E-09	-7.09E-08	-1.57E-08	-9.75E-09	-1.55E-08	-2.73E-09	-3.87E-09	-1.21E-07
165	473618.71, 3847555.61	2.65614	-3.36E-04	-1.57E-04	-3.10E-04	-1.16E-07	-3.51E-07	-2.03E-07	-9.50E-08	-8.62E-08	-3.93E-08	-7.76E-08	-3.88E-09	-9.38E-08	-2.07E-08	-1.29E-08	-2.05E-08	-3.61E-09	-5.12E-09	-1.61E-07
166	473618.71, 3847580.61	3.39573	-4.30E-04	-2.01E-04	-3.97E-04	-1.49E-07	-4.49E-07	-2.60E-07	-1.21E-07	-1.10E-07	-5.03E-08	-9.92E-08	-4.97E-09	-1.20E-07	-2.65E-08	-1.65E-08	-2.62E-08	-4.61E-09	-6.55E-09	-2.05E-07
167	473618.71, 3847605.61	4.40934	-5.58E-04	-2.61E-04	-5.15E-04	-1.93E-07	-5.83E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.53E-08	-1.29E-07	-6.45E-09	-1.56E-07	-3.44E-08	-2.14E-08	-3.40E-08	-5.99E-09	-8.50E-09	-2.66E-07
168	473618.71, 3847630.61	5.83667	-7.38E-04	-3.45E-04	-6.82E-04	-2.56E-07	-7.72E-07	-4.47E-07	-2.09E-07	-1.89E-07	-8.64E-08	-1.71E-07	-8.54E-09	-2.06E-07	-4.55E-08	-2.84E-08	-4.50E-08	-7.93E-09	-1.13E-08	-3.53E-07
169	473618.71, 3847655.61	8.26878	-1.05E-03	-4.89E-04	-9.66E-04	-3.62E-07	-1.09E-06	-6.33E-07	-2.96E-07	-2.68E-07	-1.22E-07	-2.42E-07	-1.21E-08	-2.92E-07	-6.45E-08	-4.02E-08	-6.37E-08	-1.12E-08	-1.59E-08	-5.00E-07
170	473618.71, 3847680.61	10.94467	-1.38E-03	-6.47E-04	-1.28E-03	-4.79E-07	-1.45E-06	-8.38E-07	-3.92E-07	-3.55E-07	-1.62E-07	-3.20E-07	-1.60E-08	-3.87E-07	-8.53E-08	-5.32E-08	-8.43E-08	-1.49E-08	-2.11E-08	-6.61E-07
171	473643.71, 3847430.61	0.65119	-8.24E-05	-3.85E-05	-7.60E-05	-2.85E-08	-8.61E-08	-4.98E-08	-2.33E-08	-2.11E-08	-9.64E-09	-1.90E-08	-9.52E-10	-2.30E-08	-5.08E-09	-3.16E-09	-5.02E-09	-8.84E-10	-1.26E-09	-3.94E-08
172	473643.71, 3847455.61	0.83869	-1.06E-04	-4.96E-05	-9.79E-05	-3.67E-08	-1.11E-07	-6.42E-08	-3.00E-08	-2.72E-08	-1.24E-08	-2.45E-08	-1.23E-09	-2.96E-08	-6.54E-09	-4.07E-09	-6.46E-09	-1.14E-09	-1.62E-09	-5.07E-08
173	473643.71, 3847480.61	1.08188	-1.37E-04	-6.40E-05	-1.26E-04	-4.74E-08	-1.43E-07	-8.28E-08	-3.87E-08	-3.51E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.43E-09	-5.26E-09	-8.34E-09	-1.47E-09	-2.09E-09	-6.54E-08
174	473643.71, 3847505.61	1.4096	-1.78E-04	-8.34E-05	-1.65E-04	-6.17E-08	-1.86E-07	-1.08E-07	-5.04E-08	-4.57E-08	-2.09E-08	-4.12E-08	-2.06E-09	-4.98E-08	-1.10E-08	-6.85E-09	-1.09E-08	-1.91E-09	-2.72E-09	-8.52E-08
175	473643.71, 3847530.61	1.82201	-2.31E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.33E-08	-2.66E-09	-6.44E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
176	473643.71, 3847555.61	2.35787	-2.98E-04	-1.39E-04	-2.75E-04	-1.03E-07	-3.12E-07	-1.80E-07	-8.44E-08	-7.65E-08	-3.49E-08	-6.89E-08	-3.45E-09	-8.33E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.20E-09	-4.55E-09	-1.42E-07
177	473643.71, 3847580.61	2.93193	-3.71E-04	-1.73E-04	-3.42E-04	-1.28E-07	-3.88E-07	-2.24E-07	-1.05E-07	-9.51E-08	-4.34E-08	-8.57E-08	-4.29E-09	-1.04E-07	-2.29E-08	-1.42E-08	-2.26E-08	-3.98E-09	-5.65E-09	-1.77E-07
178	473643.71, 3847605.61	3.77364	-4.77E-04	-2.23E-04	-4.41E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.52E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.13E-09	-7.28E-09	-2.28E-07
179	473643.71, 3847630.61	5.01287	-6.34E-04	-2.96E-04	-5.85E-04	-2.20E-07	-6.63E-07	-3.84E-07	-1.79E-07	-1.63E-07	-7.42E-08	-1.47E-07	-7.33E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.86E-08	-6.81E-09	-9.66E-09	-3.03E-07
180	473643.71, 3847655.61	6.86679	-8.69E-04	-4.06E-04	-8.02E-04	-3.01E-07	-9.08E-07	-5.26E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.00E-08	-2.43E-07	-5.35E-08	-3.34E-08	-5.29E-08	-9.33E-09	-1.32E-08	-4.15E-07
181	473643.71, 3847680.61	9.37158	-1.19E-03	-5.54E-04	-1.09E-03	-4.10E-07	-1.24E-06	-7.17E-07	-3.35E-07	-3.04E-07	-1.39E-07	-2.74E-07	-1.37E-08	-3.31E-07	-7.31E-08	-4.55E-08	-7.22E-08	-1.27E-08	-1.81E-08	-5.66E-07
182	473643.71, 3847705.61	12.47663	-1.58E-03	-7.38E-04	-1.46E-03	-5.46E-07	-1.65E-06	-9.55E-07	-4.46E-07	-4.05E-07	-1.85E-07	-3.65E-07	-1.82E-08	-4.41E-07	-9.73E-08	-6.06E-08	-9.62E-08	-1.69E-08	-2.41E-08	-7.54E-07
183	473668.71, 3847430.61	0.60592	-7.67E-05	-3.58E-05	-7.08E-05	-2.65E-08	-8.01E-08	-4.64E-08	-2.17E-08	-1.97E-08	-8.97E-09	-1.77E-08	-8.86E-10	-2.14E-08	-4.72E-09	-2.94E-09	-4.67E-09	-8.23E-10	-1.17E-09	-3.66E-08
184	473668.71, 3847455.61	0.76488	-9.68E-05	-4.52E-05	-8.93E-05	-3.35E-08	-1.01E-07	-5.86E-08	-2.74E-08	-2.48E-08	-1.13E-08	-2.24E-08	-1.12E-09	-2.70E-08	-5.96E-09	-3.72E-09	-5.89E-09	-1.04E-09	-1.47E-09	-4.62E-08
185	473668.71, 3847480.61	0.98281	-1.24E-04	-5.81E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.52E-08	-3.52E-08	-3.19E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.66E-09	-4.77E-09	-7.57E-09	-1.33E-09	-1.89E-09	-5.94E-08
186	473668.71, 3847505.61	1.25382	-1.59E-04	-7.41E-05	-1.46E-04	-5.49E-08	-1.66E-07	-9.60E-08	-4.49E-08	-4.07E-08	-1.86E-08	-3.66E-08	-1.83E-09	-4.43E-08	-9.77E-09	-6.09E-09	-9.66E-09	-1.70E-09	-2.42E-09	-7.58E-08
187	473668.71, 3847530.61	1.5451	-1.95E-04	-9.14E-05	-1.80E-04	-6.77E-08	-2.04E-07	-1.18E-07	-5.53E-08	-5.01E-08	-2.29E-08	-4.52E-08	-2.26E-09	-5.46E-08	-1.20E-08	-7.51E-09	-1.19E-08	-2.10E-09	-2.98E-09	-9.34E-08

188	473668.71, 3847555.61	2.03264	-2.57E-04	-1.20E-04	-2.37E-04	-8.90E-08	-2.69E-07	-1.56E-07	-7.27E-08	-6.59E-08	-3.01E-08	-5.94E-08	-2.97E-09	-7.18E-08	-1.58E-08	-9.87E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
189	473668.71, 3847580.61	2.61447	-3.31E-04	-1.55E-04	-3.05E-04	-1.14E-07	-3.46E-07	-2.00E-07	-9.35E-08	-8.48E-08	-3.87E-08	-7.64E-08	-3.82E-09	-9.24E-08	-2.04E-08	-1.27E-08	-2.01E-08	-3.55E-09	-5.04E-09	-1.58E-07
190	473668.71, 3847605.61	3.40719	-4.31E-04	-2.01E-04	-3.98E-04	-1.49E-07	-4.51E-07	-2.61E-07	-1.22E-07	-1.11E-07	-5.04E-08	-9.96E-08	-4.98E-09	-1.20E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.63E-09	-6.57E-09	-2.06E-07
191	473668.71, 3847630.61	4.45742	-5.64E-04	-2.64E-04	-5.21E-04	-1.95E-07	-5.89E-07	-3.41E-07	-1.59E-07	-1.45E-07	-6.60E-08	-1.30E-07	-6.52E-09	-1.57E-07	-3.47E-08	-2.17E-08	-3.44E-08	-6.05E-09	-8.59E-09	-2.69E-07
192	473668.71, 3847655.61	5.78385	-7.32E-04	-3.42E-04	-6.75E-04	-2.53E-07	-7.65E-07	-4.43E-07	-2.07E-07	-1.88E-07	-8.56E-08	-1.69E-07	-8.46E-09	-2.04E-07	-4.51E-08	-2.81E-08	-4.46E-08	-7.86E-09	-1.12E-08	-3.50E-07
193	473668.71, 3847680.61	8.01058	-1.01E-03	-4.74E-04	-9.35E-04	-3.51E-07	-1.06E-06	-6.13E-07	-2.87E-07	-2.60E-07	-1.19E-07	-2.34E-07	-1.17E-08	-2.83E-07	-6.24E-08	-3.89E-08	-6.17E-08	-1.09E-08	-1.54E-08	-4.84E-07
194	473668.71, 3847705.61	10.5529	-1.34E-03	-6.24E-04	-1.23E-03	-4.62E-07	-1.40E-06	-8.08E-07	-3.78E-07	-3.42E-07	-1.56E-07	-3.08E-07	-1.54E-08	-3.73E-07	-8.23E-08	-5.13E-08	-8.13E-08	-1.43E-08	-2.03E-08	-6.38E-07
195	473693.71, 3847455.61	0.68252	-8.63E-05	-4.04E-05	-7.97E-05	-2.99E-08	-9.03E-08	-5.22E-08	-2.44E-08	-2.21E-08	-1.01E-08	-1.99E-08	-9.98E-10	-2.41E-08	-5.32E-09	-3.32E-09	-5.26E-09	-9.27E-10	-1.32E-09	-4.12E-08
196	473693.71, 3847480.61	0.88076	-1.11E-04	-5.21E-05	-1.03E-04	-3.86E-08	-1.16E-07	-6.74E-08	-3.15E-08	-2.86E-08	-1.30E-08	-2.57E-08	-1.29E-09	-3.11E-08	-6.87E-09	-4.28E-09	-6.79E-09	-1.20E-09	-1.70E-09	-5.32E-08
197	473693.71, 3847505.61	1.11248	-1.41E-04	-6.58E-05	-1.30E-04	-4.87E-08	-1.47E-07	-8.52E-08	-3.98E-08	-3.61E-08	-1.65E-08	-3.25E-08	-1.63E-09	-3.93E-08	-8.67E-09	-5.40E-09	-8.57E-09	-1.51E-09	-2.14E-09	-6.72E-08
198	473693.71, 3847530.61	1.33142	-1.68E-04	-7.87E-05	-1.55E-04	-5.83E-08	-1.76E-07	-1.02E-07	-4.76E-08	-4.32E-08	-1.97E-08	-3.89E-08	-1.95E-09	-4.70E-08	-1.04E-08	-6.47E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.05E-08
199	473693.71, 3847555.61	1.71312	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.27E-07	-1.31E-07	-6.13E-08	-5.56E-08	-2.54E-08	-5.01E-08	-2.51E-09	-6.05E-08	-1.34E-08	-8.32E-09	-1.32E-08	-2.33E-09	-3.30E-09	-1.04E-07
200	473693.71, 3847580.61	2.32796	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.33E-08	-7.55E-08	-3.45E-08	-6.80E-08	-3.40E-09	-8.22E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.49E-09	-1.41E-07
201	473693.71, 3847605.61	3.10532	-3.93E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.11E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.60E-08	-9.08E-08	-4.54E-09	-1.10E-07	-2.42E-08	-1.51E-08	-2.39E-08	-4.22E-09	-5.99E-09	-1.88E-07
202	473693.71, 3847630.61	3.98963	-5.05E-04	-2.36E-04	-4.66E-04	-1.75E-07	-5.28E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.90E-08	-1.17E-07	-5.83E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.42E-09	-7.69E-09	-2.41E-07
203	473693.71, 3847655.61	5.09357	-6.44E-04	-3.01E-04	-5.95E-04	-2.23E-07	-6.74E-07	-3.90E-07	-1.82E-07	-1.65E-07	-7.54E-08	-1.49E-07	-7.45E-09	-1.80E-07	-3.97E-08	-2.47E-08	-3.93E-08	-6.92E-09	-9.82E-09	-3.08E-07
204	473693.71, 3847680.61	6.84348	-8.66E-04	-4.05E-04	-7.99E-04	-3.00E-07	-9.05E-07	-5.24E-07	-2.45E-07	-2.22E-07	-1.01E-07	-2.00E-07	-1.00E-08	-2.42E-07	-5.33E-08	-3.32E-08	-5.27E-08	-9.29E-09	-1.32E-08	-4.14E-07
205	473693.71, 3847705.61	9.12715	-1.15E-03	-5.40E-04	-1.07E-03	-4.00E-07	-1.21E-06	-6.99E-07	-3.27E-07	-2.96E-07	-1.35E-07	-2.67E-07	-1.33E-08	-3.22E-07	-7.11E-08	-4.43E-08	-7.03E-08	-1.24E-08	-1.76E-08	-5.52E-07
206	473693.71, 3847730.61	11.93572	-1.51E-03	-7.06E-04	-1.39E-03	-5.23E-07	-1.58E-06	-9.14E-07	-4.27E-07	-3.87E-07	-1.77E-07	-3.49E-07	-1.75E-08	-4.22E-07	-9.30E-08	-5.80E-08	-9.20E-08	-1.62E-08	-2.30E-08	-7.21E-07
207	473718.71, 3847455.61	0.65197	-8.25E-05	-3.86E-05	-7.61E-05	-2.86E-08	-8.62E-08	-4.99E-08	-2.33E-08	-2.11E-08	-9.65E-09	-1.91E-08	-9.53E-10	-2.30E-08	-5.08E-09	-3.17E-09	-5.02E-09	-8.86E-10	-1.26E-09	-3.94E-08
208	473718.71, 3847480.61	0.78592	-9.94E-05	-4.65E-05	-9.18E-05	-3.44E-08	-1.04E-07	-6.02E-08	-2.81E-08	-2.55E-08	-1.16E-08	-2.30E-08	-1.15E-09	-2.78E-08	-6.13E-09	-3.82E-09	-6.06E-09	-1.07E-09	-1.52E-09	-4.75E-08
209	473718.71, 3847505.61	0.98776	-1.25E-04	-5.84E-05	-1.15E-04	-4.33E-08	-1.31E-07	-7.56E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.89E-08	-1.44E-09	-3.49E-08	-7.70E-09	-4.80E-09	-7.61E-09	-1.34E-09	-1.90E-09	-5.97E-08
210	473718.71, 3847530.61	1.20261	-1.52E-04	-7.11E-05	-1.40E-04	-5.27E-08	-1.59E-07	-9.21E-08	-4.30E-08	-3.90E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.25E-08	-9.37E-09	-5.84E-09	-9.27E-09	-1.63E-09	-2.32E-09	-7.27E-08
211	473718.71, 3847555.61	1.54993	-1.96E-04	-9.17E-05	-1.81E-04	-6.79E-08	-2.05E-07	-1.19E-07	-5.55E-08	-5.03E-08	-2.29E-08	-4.53E-08	-2.27E-09	-5.48E-08	-1.21E-08	-7.53E-09	-1.19E-08	-2.11E-09	-2.99E-09	-9.37E-08
212	473718.71, 3847580.61	2.10065	-2.66E-04	-1.24E-04	-2.45E-04	-9.20E-08	-2.78E-07	-1.61E-07	-7.52E-08	-6.81E-08	-3.11E-08	-6.14E-08	-3.07E-09	-7.42E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.85E-09	-4.05E-09	-1.27E-07
213	473718.71, 3847605.61	2.77406	-3.51E-04	-1.64E-04	-3.24E-04	-1.21E-07	-3.67E-07	-2.12E-07	-9.93E-08	-9.00E-08	-4.11E-08	-8.11E-08	-4.06E-09	-9.80E-08	-2.16E-08	-1.35E-08	-2.14E-08	-3.77E-09	-5.35E-09	-1.68E-07
214	473718.71, 3847630.61	3.54222	-4.48E-04	-2.09E-04	-4.14E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.24E-08	-1.04E-07	-5.18E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.81E-09	-6.83E-09	-2.14E-07
215	473718.71, 3847655.61	4.54316	-5.75E-04	-2.69E-04	-5.31E-04	-1.99E-07	-6.01E-07	-3.48E-07	-1.63E-07	-1.47E-07	-6.72E-08	-1.33E-07	-6.64E-09	-1.60E-07	-3.54E-08	-2.21E-08	-3.50E-08	-6.17E-09	-8.76E-09	-2.75E-07
216	473718.71, 3847680.61	5.86792	-7.42E-04	-3.47E-04	-6.85E-04	-2.57E-07	-7.76E-07	-4.49E-07	-2.10E-07	-1.90E-07	-8.68E-08	-1.72E-07	-8.58E-09	-2.07E-07	-4.57E-08	-2.85E-08	-4.52E-08	-7.97E-09	-1.13E-08	-3.55E-07
217	473718.71, 3847705.61	7.85676	-9.94E-04	-4.65E-04	-9.18E-04	-3.44E-07	-1.04E-06	-6.01E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.12E-08	-3.82E-08	-6.05E-08	-1.07E-08	-1.51E-08	-4.75E-07
218	473718.71, 3847730.61	10.22156	-1.29E-03	-6.04E-04	-1.19E-03	-4.48E-07	-1.35E-06	-7.82E-07	-3.66E-07	-3.32E-07	-1.51E-07	-2.99E-07	-1.49E-08	-3.61E-07	-7.97E-08	-4.97E-08	-7.88E-08	-1.39E-08	-1.97E-08	-6.18E-07
219	473743.71, 3847480.61	0.75486	-9.55E-05	-4.46E-05	-8.82E-05	-3.31E-08	-9.98E-08	-5.78E-08	-2.70E-08	-2.45E-08	-1.12E-08	-2.21E-08	-1.10E-09	-2.67E-08	-5.88E-09	-3.67E-09	-5.82E-09	-1.03E-09	-1.46E-09	-4.56E-08
220	473743.71, 3847505.61	0.94996	-1.20E-04	-5.62E-05	-1.11E-04	-4.16E-08	-1.26E-07	-7.27E-08	-3.40E-08	-3.08E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.36E-08	-7.40E-09	-4.61E-09	-7.32E-09	-1.29E-09	-1.83E-09	-5.74E-08
221	473743.71, 3847530.61	1.18777	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.09E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.20E-08	-9.26E-09	-5.77E-09	-9.15E-09	-1.61E-09	-2.29E-09	-7.18E-08
222	473743.71, 3847555.61	1.51553	-1.92E-04	-8.96E-05	-1.77E-04	-6.64E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.92E-08	-2.24E-08	-4.43E-08	-2.22E-09	-5.35E-08	-1.18E-08	-7.36E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.16E-08
223	473743.71, 3847580.61	1.95388	-2.47E-04	-1.16E-04	-2.28E-04	-8.56E-08	-2.58E-07	-1.50E-07	-6.99E-08	-6.34E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.49E-09	-1.51E-08	-2.65E-09	-3.77E-09	-1.18E-07
224	473743.71, 3847605.61	2.50265	-3.17E-04	-1.48E-04	-2.92E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.95E-08	-8.12E-08	-3.70E-08	-7.31E-08	-3.66E-09	-8.84E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.82E-09	-1.51E-07
225	473743.71, 3847630.61	3.18	-4.02E-04	-1.88E-04	-3.71E-04	-1.39E-07	-4.21E-07	-2.43E-07	-1.14E-07	-1.03E-07	-4.71E-08	-9.29E-08	-4.65E-09	-1.12E-07	-2.48E-08	-1.54E-08	-2.45E-08	-4.32E-09	-6.13E-09	-1.92E-07
226	473743.71, 3847655.61	4.03827	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.44E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.91E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.48E-09	-7.79E-09	-2.44E-07
227	473743.71, 3847680.61	4.99113	-6.31E-04	-2.95E-04	-5.83E-04	-2.19E-07	-6.60E-07	-3.82E-07	-1.79E-07	-1.62E-07	-7.39E-08	-1.46E-07	-7.30E-09	-1.76E-07	-3.89E-08	-2.42E-08	-3.85E-08	-6.78E-09	-9.62E-09	-3.02E-07
228	473743.71, 3847705.61	6.3973	-8.09E-04	-3.78E-04	-7.47E-04	-2.80E-07	-8.46E-07	-4.90E-07	-2.29E-07	-2.07E-07	-9.47E-08	-1.87E-07	-9.36E-09	-2.26E-07	-4.99E-08	-3.11E-08	-4.93E-08	-8.69E-09	-1.23E-08	-3.87E-07
229	473743.71, 3847730.61	8.81901	-1.12E-03	-5.22E-04	-1.03E-03	-3.86E-07	-1.17E-06	-6.75E-07	-3.16E-07	-2.86E-07	-1.31E-07	-2.58E-07	-1.29E-08	-3.12E-07	-6.87E-08	-4.28E-08	-6.80E-08	-1.20E-08	-1.70E-08	-5.33E-07
230	473743.71, 3847755.61	11.45152	-1.45E-03	-6.77E-04	-1.34E-03	-5.02E-07	-1.51E-06	-8.77E-07	-4.10E-07	-3.71E-07	-1.69E-07	-3.35E-07	-1.67E-08	-4.05E-07	-8.93E-08	-5.56E-08	-8.83E-08	-1.56E-08	-2.21E-08	-6.92E-07
231	473768.71, 3847480.61	0.74217	-9.39E-05	-4.39E-05	-8.67E-05	-3.25E-08	-9.81E-08	-5.68E-08	-2.66E-08	-2.41E-08	-1.10E-08	-2.17E-08	-1.09E-09	-2.62E-08	-5.79E-09	-3.61E-09	-5.72E-09	-1.01E-09	-1.43E-09	-4.49E-08
232	473768.71, 3847505.61	0.91491	-1.16E-04	-5.41E-05	-1.07E-04	-4.01E-08	-1.21E-07	-7.00E-08	-3.27E-08	-2.97E-08	-1.35E-08	-2.67E-08	-1.34E-09	-3.23E-08	-7.13E-09	-4.44E-09	-7.05E-09	-1.24E-09	-1.76E-09	-5.53E-08
233	473768.71, 3847530.61	1.16248	-1.47E-04	-6.87E-05	-1.36E-04	-5.09E-08	-1.54E-07	-8.90E-08	-4.16E-08	-3.77E-08	-1.72E-08	-3.40E-08	-1.70E-09	-4.11E-08	-9.06E-09	-5.65E-09	-8.96E-09	-1.58E-09	-2.24E-09	-7.03E-08
234	473768.71, 3847555.61	1.44119	-1.82E-04	-8.52E-05	-1.68E-04	-6.31E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.67E-08	-2.13E-08	-4.21E-08	-2.11E-09	-5.09E-08	-1.12E-08	-7.00E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.71E-08
235	473768.71, 3847580.61	1.81119	-2.29E-04	-1.07E-04	-2.12E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07
236	473768.71, 3847605.61	2.2701	-2.87E-04	-1.34E-04	-2.65E-04	-9.94E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.63E-08	-3.32E-09	-8.02E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.38E-09	-1.37E-07
237	473768.71, 3847630.61	2.84593	-3.60E-04	-1.68E-04	-3.32E-04	-1.25E-07	-3.76E-07	-2.18E-07	-1.02E-07	-9.23E-08	-4.21E-08	-8.32E-08	-4.16E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.19E-08	-3.87E-09	-5.49E-09	-1.72E-07
238	473768.71, 3847655.61	3.58321	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.17E-07
239	473768.71, 3847680.61	4.44435	-5.62E-04	-2.63E-04	-5.19E-04	-1.95E-07	-5.88E-07	-3.40E-07	-1.59E-07	-1.44E-07	-6.58E-08	-1.30E-07	-6.50E-09	-1.57E-07	-3.46E-08	-2.16E-08	-3.43E-08	-6.04E-09	-8.57E-09	-2.69E-07
240	473768.71, 3847705.61	5.61198	-7.10E-04	-3.32E-04	-6.55E-04	-2.46E-07	-7.42E-07	-4.30E-07	-2.01E-07	-1.82E-07	-8.31E-08	-1.64E-07	-8.21E-09	-1.98E-07	-4.37E-08	-2.73E-08	-4.32E-08	-7.62E-09	-1.08E-08	-3.39E-07
241	473768.71, 3847730.61	7.37173	-9.33E-04	-4.36E-04	-8.61E-04	-3.23E-07	-9.75E-07	-5.64E-07	-2.64E-07	-2.39E-07	-1.09E-07	-2.15E-07	-1.08E-08	-2.60E-07	-5.75E-08	-3.58E-08	-5.68E-08	-1.00E-08	-1.42E-08	-4.45E-07
242	473768.71, 3847755.61	9.80661	-1.24E-03	-5.80E-04	-1.15E-03	-4.29E-07	-1.30E-06	-7.51E-07	-3.51E-07	-3.18E-07	-1.45E-07	-2.87E-07	-1.43E-08	-3.46E-07	-7.64E-08	-4.76E-08	-7.56E-08	-1.33E-08	-1.89E-08	-5.93E-07
243	473768.71, 3847780.61	12.9021	-1.63E-03	-7.63E-04	-1.51E-03	-5.65E-07	-1.71E-06	-9.88E-07	-4.62E-07	-4.18E-07	-1.91E-07	-3.77E-07	-1.89E-08	-4.56E-07	-1.01E-07	-6.27E-08	-9.94E-08	-1.75E-08	-2.49E-08	-7.80E-07
244	473793.71, 3847505.61	0.85249	-1.08E-04	-5.04E-05	-9.96E-05	-3.73E-08	-1.13E-07	-6.53E-08	-3.05E-08	-2.77E-08	-1.26E-08	-2.49E-08	-1.25E-09	-3.01E-08	-6.65E-09	-4.14E-09	-6.57E-09	-1.16E-09	-1.64E-09	-5.15E-08
245	473793.71, 3847530.61	1.05924	-1.34E-04	-6.26E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.26E-09	-5.15E-09	-8.16E-09	-1.44E-09	-2.04E-09	-6.40E-08
246	473793.71, 3847555.61	1.32858	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.75E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.45E-09	-1.02E-08	-1.80E-09	-2.56E-09	-8.03E-08
247	473793.71, 3847580.61	1.65037	-2.09E-04	-9.76E-05	-1.93E-04	-7.23E-08	-2.18E-07	-1.26E-07	-5.91E-08	-5.35E-08	-2.44E-08	-4.82E-08	-2.41E-09	-5.83E-08	-1.29E-08	-8.02E-09	-1.27E-08	-2.24E-09	-3.18E-09	-9.97E-08
248	473793.71, 3847605.61	2.05588	-2.60E-04	-1.22E-04	-2.40E-04	-9.00E-08	-2.72E-07	-1.57E-07	-7.36E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.26E-08	-1.60E-08	-9.99E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
249	473793.71, 3847630.61	2.57976	-3.26E-04	-1.53E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.97E-07	-9.23E-08	-8.37E-08	-3.82E-08	-7.54E-08	-3.77E-09	-9.11E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.50E-09	-4.97E-09	-1.56E-07
250	473793.71, 3847655.61	3.24747	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.81E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
251	473793.71, 3847680.61	4.07982	-5.16E-04	-2.41E-04	-4.76E-04	-1.79E-07	-5.39E-07	-3.12E-07	-1.46E-07	-1.32E-07	-6.04E-08	-1.19E-07	-5.97E-09	-1.44E-07	-3.18E-08	-1.98E-08	-3.14E-08	-5.54E-09	-7.87E-09	-2.47E-07

252	473793.71, 3847705.61	4.83764	-6.12E-04	-2.86E-04	-5.65E-04	-2.12E-07	-6.40E-07	-3.70E-07	-1.73E-07	-1.57E-07	-7.16E-08	-1.41E-07	-7.07E-09	-1.71E-07	-3.77E-08	-2.35E-08	-3.73E-08	-6.57E-09	-9.33E-09	-2.92E-07
253	473793.71, 3847730.61	5.94639	-7.52E-04	-3.52E-04	-6.94E-04	-2.60E-07	-7.86E-07	-4.55E-07	-2.13E-07	-1.93E-07	-8.80E-08	-1.74E-07	-8.70E-09	-2.10E-07	-4.64E-08	-2.89E-08	-4.58E-08	-8.08E-09	-1.15E-08	-3.59E-07
254	473793.71, 3847755.61	7.99086	-1.01E-03	-4.73E-04	-9.33E-04	-3.50E-07	-1.06E-06	-6.12E-07	-2.86E-07	-2.59E-07	-1.18E-07	-2.34E-07	-1.17E-08	-2.82E-07	-6.23E-08	-3.88E-08	-6.16E-08	-1.09E-08	-1.54E-08	-4.83E-07
255	473793.71, 3847780.61	10.97074	-1.39E-03	-6.49E-04	-1.28E-03	-4.80E-07	-1.45E-06	-8.40E-07	-3.93E-07	-3.56E-07	-1.62E-07	-3.21E-07	-1.60E-08	-3.88E-07	-8.55E-08	-5.33E-08	-8.45E-08	-1.49E-08	-2.12E-08	-6.63E-07
256	473818.71, 3847505.61	0.83109	-1.05E-04	-4.91E-05	-9.71E-05	-3.64E-08	-1.10E-07	-6.36E-08	-2.97E-08	-2.70E-08	-1.23E-08	-2.43E-08	-1.22E-09	-2.94E-08	-6.48E-09	-4.04E-09	-6.40E-09	-1.13E-09	-1.60E-09	-5.02E-08
257	473818.71, 3847530.61	0.9805	-1.24E-04	-5.80E-05	-1.15E-04	-4.29E-08	-1.30E-07	-7.51E-08	-3.51E-08	-3.18E-08	-1.45E-08	-2.87E-08	-1.43E-09	-3.46E-08	-7.64E-09	-4.76E-09	-7.56E-09	-1.33E-09	-1.89E-09	-5.93E-08
258	473818.71, 3847555.61	1.23601	-1.56E-04	-7.31E-05	-1.44E-04	-5.41E-08	-1.63E-07	-9.46E-08	-4.42E-08	-4.01E-08	-1.83E-08	-3.61E-08	-1.81E-09	-4.37E-08	-9.63E-09	-6.00E-09	-9.53E-09	-1.68E-09	-2.38E-09	-7.47E-08
259	473818.71, 3847580.61	1.48483	-1.88E-04	-8.78E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.82E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.25E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
260	473818.71, 3847605.61	1.8518	-2.34E-04	-1.10E-04	-2.16E-04	-8.11E-08	-2.45E-07	-1.42E-07	-6.63E-08	-6.01E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.54E-08	-1.44E-08	-9.00E-09	-1.43E-08	-2.52E-09	-3.57E-09	-1.12E-07
261	473818.71, 3847630.61	2.3667	-2.99E-04	-1.40E-04	-2.76E-04	-1.04E-07	-3.13E-07	-1.81E-07	-8.47E-08	-7.68E-08	-3.50E-08	-6.92E-08	-3.46E-09	-8.36E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.21E-09	-4.56E-09	-1.43E-07
262	473818.71, 3847655.61	2.93184	-3.71E-04	-1.73E-04	-3.42E-04	-1.28E-07	-3.88E-07	-2.24E-07	-1.05E-07	-9.51E-08	-4.34E-08	-8.57E-08	-4.29E-09	-1.04E-07	-2.29E-08	-1.42E-08	-2.26E-08	-3.98E-09	-5.65E-09	-1.77E-07
263	473818.71, 3847680.61	3.58592	-4.54E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.74E-07	-2.75E-07	-1.28E-07	-1.16E-07	-5.31E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.80E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.17E-07
264	473818.71, 3847705.61	4.01321	-5.08E-04	-2.37E-04	-4.69E-04	-1.76E-07	-5.31E-07	-3.07E-07	-1.44E-07	-1.30E-07	-5.94E-08	-1.17E-07	-5.87E-09	-1.42E-07	-3.13E-08	-1.95E-08	-3.09E-08	-5.45E-09	-7.74E-09	-2.43E-07
265	473818.71, 3847730.61	4.90889	-6.21E-04	-2.90E-04	-5.73E-04	-2.15E-07	-6.49E-07	-3.76E-07	-1.76E-07	-1.59E-07	-7.27E-08	-1.43E-07	-7.18E-09	-1.73E-07	-3.83E-08	-2.38E-08	-3.78E-08	-6.67E-09	-9.46E-09	-2.97E-07
266	473818.71, 3847755.61	6.55076	-8.29E-04	-3.87E-04	-7.65E-04	-2.87E-07	-8.66E-07	-5.01E-07	-2.34E-07	-2.12E-07	-9.69E-08	-1.91E-07	-9.58E-09	-2.31E-07	-5.11E-08	-3.18E-08	-5.05E-08	-8.90E-09	-1.26E-08	-3.96E-07
267	473818.71, 3847780.61	9.41605	-1.19E-03	-5.57E-04	-1.10E-03	-4.12E-07	-1.25E-06	-7.21E-07	-3.37E-07	-3.05E-07	-1.39E-07	-2.75E-07	-1.38E-08	-3.33E-07	-7.34E-08	-4.57E-08	-7.26E-08	-1.28E-08	-1.82E-08	-5.69E-07
268	473818.71, 3847805.61	12.31605	-1.56E-03	-7.28E-04	-1.44E-03	-5.39E-07	-1.63E-06	-9.43E-07	-4.41E-07	-3.99E-07	-1.82E-07	-3.60E-07	-1.80E-08	-4.35E-07	-9.60E-08	-5.98E-08	-9.49E-08	-1.67E-08	-2.37E-08	-7.44E-07
269	473843.71, 3847530.61	0.95314	-1.21E-04	-5.64E-05	-1.11E-04	-4.17E-08	-1.26E-07	-7.30E-08	-3.41E-08	-3.09E-08	-1.41E-08	-2.79E-08	-1.39E-09	-3.37E-08	-7.43E-09	-4.63E-09	-7.35E-09	-1.29E-09	-1.84E-09	-5.76E-08
270	473843.71, 3847555.61	1.11547	-1.41E-04	-6.60E-05	-1.30E-04	-4.89E-08	-1.48E-07	-8.54E-08	-3.99E-08	-3.62E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.94E-08	-8.70E-09	-5.42E-09	-8.60E-09	-1.52E-09	-2.15E-09	-6.74E-08
271	473843.71, 3847580.61	1.32883	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.75E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.46E-09	-1.02E-08	-1.80E-09	-2.56E-09	-8.03E-08
272	473843.71, 3847605.61	1.66463	-2.11E-04	-9.84E-05	-1.94E-04	-7.29E-08	-2.20E-07	-1.27E-07	-5.96E-08	-5.40E-08	-2.46E-08	-4.87E-08	-2.43E-09	-5.88E-08	-1.30E-08	-8.09E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
273	473843.71, 3847630.61	2.13092	-2.70E-04	-1.26E-04	-2.49E-04	-9.33E-08	-2.82E-07	-1.63E-07	-7.62E-08	-6.91E-08	-3.15E-08	-6.23E-08	-3.12E-09	-7.53E-08	-1.66E-08	-1.04E-08	-1.64E-08	-2.89E-09	-4.11E-09	-1.29E-07
274	473843.71, 3847655.61	2.59374	-3.28E-04	-1.53E-04	-3.03E-04	-1.14E-07	-3.43E-07	-1.99E-07	-9.28E-08	-8.41E-08	-3.84E-08	-7.58E-08	-3.79E-09	-9.16E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-5.00E-09	-1.57E-07
275	473843.71, 3847680.61	3.18793	-4.03E-04	-1.89E-04	-3.72E-04	-1.40E-07	-4.22E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.72E-08	-9.32E-08	-4.66E-09	-1.13E-07	-2.48E-08	-1.55E-08	-2.46E-08	-4.33E-09	-6.15E-09	-1.93E-07
276	473843.71, 3847705.61	3.68453	-4.66E-04	-2.18E-04	-4.30E-04	-1.61E-07	-4.87E-07	-2.82E-07	-1.32E-07	-1.20E-07	-5.45E-08	-1.08E-07	-5.39E-09	-1.30E-07	-2.87E-08	-1.79E-08	-2.84E-08	-5.00E-09	-7.10E-09	-2.23E-07
277	473843.71, 3847730.61	4.40384	-5.57E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.58E-07	-1.43E-07	-6.52E-08	-1.29E-07	-6.44E-09	-1.56E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.98E-09	-8.49E-09	-2.66E-07
278	473843.71, 3847755.61	5.7374	-7.26E-04	-3.39E-04	-6.70E-04	-2.51E-07	-7.59E-07	-4.39E-07	-2.05E-07	-1.86E-07	-8.49E-08	-1.68E-07	-8.39E-09	-2.03E-07	-4.47E-08	-2.79E-08	-4.42E-08	-7.79E-09	-1.11E-08	-3.47E-07
279	473843.71, 3847780.61	8.1854	-1.04E-03	-4.84E-04	-9.56E-04	-3.58E-07	-1.08E-06	-6.27E-07	-2.93E-07	-2.65E-07	-1.21E-07	-2.39E-07	-1.20E-08	-2.89E-07	-6.38E-08	-3.98E-08	-6.31E-08	-1.11E-08	-1.58E-08	-4.95E-07
280	473843.71, 3847805.61	10.50611	-1.33E-03	-6.21E-04	-1.23E-03	-4.60E-07	-1.39E-06	-8.04E-07	-3.76E-07	-3.41E-07	-1.55E-07	-3.07E-07	-1.54E-08	-3.71E-07	-8.19E-08	-5.10E-08	-8.10E-08	-1.43E-08	-2.03E-08	-6.35E-07
281	473868.71, 3847530.61	0.92801	-1.17E-04	-5.49E-05	-1.08E-04	-4.06E-08	-1.23E-07	-7.10E-08	-3.32E-08	-3.01E-08	-1.37E-08	-2.71E-08	-1.36E-09	-3.28E-08	-7.23E-09	-4.51E-09	-7.15E-09	-1.26E-09	-1.79E-09	-5.61E-08
282	473868.71, 3847555.61	1.07104	-1.36E-04	-6.33E-05	-1.25E-04	-4.69E-08	-1.42E-07	-8.20E-08	-3.83E-08	-3.47E-08	-1.59E-08	-3.13E-08	-1.57E-09	-3.78E-08	-8.35E-09	-5.20E-09	-8.25E-09	-1.45E-09	-2.06E-09	-6.47E-08
283	473868.71, 3847580.61	1.27249	-1.61E-04	-7.52E-05	-1.49E-04	-5.57E-08	-1.68E-07	-9.74E-08	-4.55E-08	-4.13E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.50E-08	-9.92E-09	-6.18E-09	-9.81E-09	-1.73E-09	-2.45E-09	-7.69E-08
284	473868.71, 3847605.61	1.51402	-1.92E-04	-8.95E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.43E-08	-2.21E-09	-5.35E-08	-1.18E-08	-7.35E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
285	473868.71, 3847630.61	1.91129	-2.42E-04	-1.13E-04	-2.23E-04	-8.37E-08	-2.53E-07	-1.46E-07	-6.84E-08	-6.20E-08	-2.83E-08	-5.59E-08	-2.80E-09	-6.75E-08	-1.49E-08	-9.28E-09	-1.47E-08	-2.60E-09	-3.68E-09	-1.16E-07
286	473868.71, 3847655.61	2.37535	-3.01E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.70E-08	-3.52E-08	-6.94E-08	-3.47E-09	-8.39E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
287	473868.71, 3847680.61	2.9756	-3.76E-04	-1.76E-04	-3.47E-04	-1.30E-07	-3.93E-07	-2.28E-07	-1.06E-07	-9.65E-08	-4.40E-08	-8.70E-08	-4.35E-09	-1.05E-07	-2.32E-08	-1.45E-08	-2.29E-08	-4.04E-09	-5.74E-09	-1.80E-07
288	473868.71, 3847705.61	3.6357	-4.60E-04	-2.15E-04	-4.25E-04	-1.59E-07	-4.81E-07	-2.78E-07	-1.30E-07	-1.18E-07	-5.38E-08	-1.06E-07	-5.32E-09	-1.28E-07	-2.83E-08	-1.77E-08	-2.80E-08	-4.94E-09	-7.01E-09	-2.20E-07
289	473868.71, 3847730.61	4.26662	-5.40E-04	-2.52E-04	-4.98E-04	-1.87E-07	-5.64E-07	-3.27E-07	-1.53E-07	-1.38E-07	-6.31E-08	-1.25E-07	-6.24E-09	-1.51E-07	-3.33E-08	-2.07E-08	-3.29E-08	-5.79E-09	-8.23E-09	-2.58E-07
290	473868.71, 3847755.61	5.27468	-6.67E-04	-3.12E-04	-6.16E-04	-2.31E-07	-6.97E-07	-4.04E-07	-1.89E-07	-1.71E-07	-7.81E-08	-1.54E-07	-7.71E-09	-1.86E-07	-4.11E-08	-2.56E-08	-4.06E-08	-7.16E-09	-1.02E-08	-3.19E-07
291	473868.71, 3847780.61	7.12342	-9.01E-04	-4.21E-04	-8.32E-04	-3.12E-07	-9.42E-07	-5.45E-07	-2.55E-07	-2.31E-07	-1.05E-07	-2.08E-07	-1.04E-08	-2.52E-07	-5.55E-08	-3.46E-08	-5.49E-08	-9.67E-09	-1.37E-08	-4.30E-07
292	473868.71, 3847805.61	9.17217	-1.16E-03	-5.42E-04	-1.07E-03	-4.02E-07	-1.21E-06	-7.02E-07	-3.28E-07	-2.97E-07	-1.36E-07	-2.68E-07	-1.34E-08	-3.24E-07	-7.15E-08	-4.46E-08	-7.07E-08	-1.25E-08	-1.77E-08	-5.54E-07
293	473868.71, 3847830.61	11.7379	-1.49E-03	-6.94E-04	-1.37E-03	-5.14E-07	-1.55E-06	-8.99E-07	-4.20E-07	-3.81E-07	-1.74E-07	-3.43E-07	-1.72E-08	-4.15E-07	-9.15E-08	-5.70E-08	-9.05E-08	-1.59E-08	-2.26E-08	-7.09E-07
294	473893.71, 3847555.61	1.05821	-1.34E-04	-6.26E-05	-1.24E-04	-4.63E-08	-1.40E-07	-8.10E-08	-3.79E-08	-3.43E-08	-1.57E-08	-3.09E-08	-1.55E-09	-3.74E-08	-8.25E-09	-5.14E-09	-8.16E-09	-1.44E-09	-2.04E-09	-6.40E-08
295	473893.71, 3847580.61	1.22495	-1.55E-04	-7.24E-05	-1.43E-04	-5.36E-08	-1.62E-07	-9.38E-08	-4.38E-08	-3.97E-08	-1.81E-08	-3.58E-08	-1.79E-09	-4.33E-08	-9.55E-09	-5.95E-09	-9.44E-09	-1.66E-09	-2.36E-09	-7.40E-08
296	473893.71, 3847605.61	1.4549	-1.84E-04	-8.60E-05	-1.70E-04	-6.37E-08	-1.92E-07	-1.11E-07	-5.21E-08	-4.72E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.14E-08	-1.13E-08	-7.07E-09	-1.12E-08	-1.98E-09	-2.80E-09	-8.79E-08
297	473893.71, 3847630.61	1.74301	-2.21E-04	-1.03E-04	-2.04E-04	-7.63E-08	-2.30E-07	-1.33E-07	-6.24E-08	-5.65E-08	-2.58E-08	-5.09E-08	-2.55E-09	-6.16E-08	-1.36E-08	-8.47E-09	-1.34E-08	-2.37E-09	-3.36E-09	-1.05E-07
298	473893.71, 3847655.61	2.2579	-2.86E-04	-1.34E-04	-2.64E-04	-9.89E-08	-2.99E-07	-1.73E-07	-8.08E-08	-7.32E-08	-3.34E-08	-6.60E-08	-3.30E-09	-7.98E-08	-1.76E-08	-1.10E-08	-1.74E-08	-3.07E-09	-4.35E-09	-1.36E-07
299	473893.71, 3847680.61	2.84794	-3.60E-04	-1.68E-04	-3.33E-04	-1.25E-07	-3.77E-07	-2.18E-07	-1.02E-07	-9.24E-08	-4.21E-08	-8.32E-08	-4.16E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.19E-08	-3.87E-09	-5.49E-09	-1.72E-07
300	473893.71, 3847705.61	3.47498	-4.40E-04	-2.05E-04	-4.06E-04	-1.52E-07	-4.60E-07	-2.66E-07	-1.24E-07	-1.13E-07	-5.14E-08	-1.02E-07	-5.08E-09	-1.23E-07	-2.71E-08	-1.69E-08	-2.68E-08	-4.72E-09	-6.70E-09	-2.10E-07
301	473893.71, 3847730.61	4.1731	-5.28E-04	-2.47E-04	-4.87E-04	-1.83E-07	-5.52E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.18E-08	-1.22E-07	-6.10E-09	-1.47E-07	-3.25E-08	-2.03E-08	-3.22E-08	-5.67E-09	-8.05E-09	-2.52E-07
302	473893.71, 3847755.61	5.02041	-6.35E-04	-2.97E-04	-5.86E-04	-2.20E-07	-6.64E-07	-3.84E-07	-1.80E-07	-1.63E-07	-7.43E-08	-1.47E-07	-7.34E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.87E-08	-6.82E-09	-9.68E-09	-3.03E-07
303	473893.71, 3847780.61	6.14137	-7.77E-04	-3.63E-04	-7.17E-04	-2.69E-07	-8.12E-07	-4.70E-07	-2.20E-07	-1.99E-07	-9.09E-08	-1.79E-07	-8.98E-09	-2.17E-07	-4.79E-08	-2.98E-08	-4.73E-08	-8.34E-09	-1.18E-08	-3.71E-07
304	473893.71, 3847805.61	7.9315	-1.00E-03	-4.69E-04	-9.26E-04	-3.47E-07	-1.05E-06	-6.07E-07	-2.84E-07	-2.57E-07	-1.17E-07	-2.32E-07	-1.16E-08	-2.80E-07	-6.18E-08	-3.85E-08	-6.11E-08	-1.08E-08	-1.53E-08	-4.79E-07
305	473893.71, 3847830.61	10.16156	-1.29E-03	-6.01E-04	-1.19E-03	-4.45E-07	-1.34E-06	-7.78E-07	-3.64E-07	-3.30E-07	-1.50E-07	-2.97E-07	-1.49E-08	-3.59E-07	-7.92E-08	-4.94E-08	-7.83E-08	-1.38E-08	-1.96E-08	-6.14E-07
306	473893.71, 3847855.61	13.23325	-1.67E-03	-7.83E-04	-1.55E-03	-5.80E-07	-1.75E-06	-1.01E-06	-4.73E-07	-4.29E-07	-1.96E-07	-3.87E-07	-1.94E-08	-4.67E-07	-1.03E-07	-6.43E-08	-1.02E-07	-1.80E-08	-2.55E-08	-8.00E-07
307	473918.71, 3847555.61	1.08675	-1.37E-04	-6.43E-05	-1.27E-04	-4.76E-08	-1.44E-07	-8.32E-08	-3.89E-08	-3.52E-08	-1.61E-08	-3.18E-08	-1.59E-09	-3.84E-08	-8.47E-09	-5.28E-09	-8.38E-09	-1.48E-09	-2.10E-09	-6.57E-08
308	473918.71, 3847580.61	1.23084	-1.56E-04	-7.28E-05	-1.44E-04	-5.39E-08	-1.63E-07	-9.42E-08	-4.40E-08	-3.99E-08	-1.82E-08	-3.60E-08	-1.80E-09	-4.35E-08	-9.59E-09	-5.98E-09	-9.49E-09	-1.67E-09	-2.37E-09	-7.44E-08
309	473918.71, 3847605.61	1.39567	-1.77E-04	-8.25E-05	-1.63E-04	-6.11E-08	-1.85E-07	-1.07E-07	-4.99E-08	-4.53E-08	-2.07E-08	-4.08E-08	-2.04E-09	-4.93E-08	-1.09E-08	-6.78E-09	-1.08E-08	-1.90E-09	-2.69E-09	-8.43E-08
310	473918.71, 3847630.61	1.70737	-2.16E-04	-1.01E-04	-1.99E-04	-7.48E-08	-2.26E-07	-1.31E-07	-6.11E-08	-5.54E-08	-2.53E-08	-4.99E-08	-2.50E-09	-6.03E-08	-1.33E-08	-8.29E-09	-1.32E-08	-2.32E-09	-3.29E-09	-1.03E-07
311	473918.71, 3847655.61	2.19979	-2.78E-04	-1.30E-04	-2.57E-04	-9.63E-08	-2.91E-07	-1.68E-07	-7.87E-08	-7.13E-08	-3.26E-08	-6.43E-08	-3.22E-09	-7.77E-08	-1.71E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.24E-09	-1.33E-07
312	473918.71, 3847680.61	2.71172	-3.43E-04	-1.60E-04	-3.17E-04	-1.19E-07	-3.59E-07	-2.08E-07	-9.70E-08	-8.80E-08	-4.01E-08	-7.93E-08	-3.97E-09	-9.58E-08	-2.11E-08	-1.32E-08	-2.09E-08	-3.68E-09	-5.23E-09	-1.64E-07
313	473918.71, 3847705.61	3.21046	-4.06E-04	-1.90E-04	-3.75E-04	-1.41E-07	-4.25E-07	-2.46E-07	-1.15E-07	-1.04E-07	-4.75E-08	-9.38E-08	-4.70E-09	-1.13E-07	-2.50E-08	-1.56E-08	-2.47E-08	-4.36E-09	-6.19E-09	-1.94E-07
314	473918.71, 3847730.61	3.74864	-4.74E-04	-2.22E-04	-4.38E-04	-1.64E-07	-4.96E-07	-2.87E-07	-1.34E-07	-1.22E-07	-5.55E-08	-1.10E-07	-5.48E-09	-1.32E-07	-2.92E-08	-1.82E-08	-2.89E-08	-5.09E-09	-7.23E-09	-2.27E-07
315	473918.71, 3847755.61	4.41768	-5.59E-04	-2.61E-04	-5.16E-04	-1.93E-07	-5.84E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.54E-08	-1.29E-07	-6.46E-09	-1.56E-07	-3.44E-08	-2.15E-08	-3.40E-08	-6.00E-09	-8.52E-09	-2.67E-07

316	473918.71, 3847780.61	5.30455	-6.71E-04	-3.14E-04	-6.19E-04	-2.32E-07	-7.01E-07	-4.06E-07	-1.90E-07	-1.72E-07	-7.85E-08	-1.55E-07	-7.76E-09	-1.87E-07	-4.13E-08	-2.58E-08	-4.09E-08	-7.20E-09	-1.02E-08	-3.21E-07
317	473918.71, 3847805.61	6.47021	-8.19E-04	-3.83E-04	-7.56E-04	-2.83E-07	-8.56E-07	-4.95E-07	-2.32E-07	-2.10E-07	-9.58E-08	-1.89E-07	-9.46E-09	-2.29E-07	-5.04E-08	-3.14E-08	-4.99E-08	-8.79E-09	-1.25E-08	-3.91E-07
318	473918.71, 3847830.61	8.77152	-1.11E-03	-5.19E-04	-1.02E-03	-3.84E-07	-1.16E-06	-6.71E-07	-3.14E-07	-2.85E-07	-1.30E-07	-2.56E-07	-1.28E-08	-3.10E-07	-6.84E-08	-4.26E-08	-6.76E-08	-1.19E-08	-1.69E-08	-5.30E-07
319	473918.71, 3847855.61	11.26282	-1.42E-03	-6.66E-04	-1.32E-03	-4.93E-07	-1.49E-06	-8.62E-07	-4.03E-07	-3.65E-07	-1.67E-07	-3.29E-07	-1.65E-08	-3.98E-07	-8.78E-08	-5.47E-08	-8.68E-08	-1.53E-08	-2.17E-08	-6.81E-07
320	473943.71, 3847580.61	1.26416	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.68E-08	-4.52E-08	-4.10E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.47E-08	-9.85E-09	-6.14E-09	-9.74E-09	-1.72E-09	-2.44E-09	-7.64E-08
321	473943.71, 3847605.61	1.47286	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.30E-08	-2.15E-09	-5.20E-08	-1.15E-08	-7.16E-09	-1.14E-08	-2.00E-09	-2.84E-09	-8.90E-08
322	473943.71, 3847630.61	1.78462	-2.26E-04	-1.06E-04	-2.08E-04	-7.82E-08	-2.36E-07	-1.37E-07	-6.39E-08	-5.79E-08	-2.64E-08	-5.22E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.67E-09	-1.38E-08	-2.42E-09	-3.44E-09	-1.08E-07
323	473943.71, 3847655.61	2.14463	-2.71E-04	-1.27E-04	-2.50E-04	-9.39E-08	-2.84E-07	-1.64E-07	-7.67E-08	-6.96E-08	-3.17E-08	-6.27E-08	-3.14E-09	-7.58E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.91E-09	-4.13E-09	-1.30E-07
324	473943.71, 3847680.61	2.49394	-3.16E-04	-1.47E-04	-2.91E-04	-1.09E-07	-3.30E-07	-1.91E-07	-8.92E-08	-8.09E-08	-3.69E-08	-7.29E-08	-3.65E-09	-8.81E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.39E-09	-4.81E-09	-1.51E-07
325	473943.71, 3847705.61	2.84979	-3.61E-04	-1.69E-04	-3.33E-04	-1.25E-07	-3.77E-07	-2.18E-07	-1.02E-07	-9.24E-08	-4.22E-08	-8.33E-08	-4.17E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.20E-08	-3.87E-09	-5.49E-09	-1.72E-07
326	473943.71, 3847730.61	3.24542	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
327	473943.71, 3847755.61	3.79031	-4.80E-04	-2.24E-04	-4.43E-04	-1.66E-07	-5.01E-07	-2.90E-07	-1.36E-07	-1.23E-07	-5.61E-08	-1.11E-07	-5.54E-09	-1.34E-07	-2.95E-08	-1.84E-08	-2.92E-08	-5.15E-09	-7.31E-09	-2.29E-07
328	473943.71, 3847780.61	4.58442	-5.80E-04	-2.71E-04	-5.35E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.78E-08	-1.34E-07	-6.70E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.23E-09	-8.84E-09	-2.77E-07
329	473943.71, 3847805.61	5.64648	-7.14E-04	-3.34E-04	-6.59E-04	-2.47E-07	-7.47E-07	-4.32E-07	-2.02E-07	-1.83E-07	-8.36E-08	-1.65E-07	-8.26E-09	-1.99E-07	-4.40E-08	-2.74E-08	-4.35E-08	-7.67E-09	-1.09E-08	-3.41E-07
330	473943.71, 3847830.61	7.34971	-9.30E-04	-4.35E-04	-8.58E-04	-3.22E-07	-9.72E-07	-5.63E-07	-2.63E-07	-2.38E-07	-1.09E-07	-2.15E-07	-1.07E-08	-2.60E-07	-5.73E-08	-3.57E-08	-5.66E-08	-9.98E-09	-1.42E-08	-4.44E-07
331	473943.71, 3847855.61	9.74912	-1.23E-03	-5.77E-04	-1.14E-03	-4.27E-07	-1.29E-06	-7.46E-07	-3.49E-07	-3.16E-07	-1.44E-07	-2.85E-07	-1.43E-08	-3.44E-07	-7.60E-08	-4.74E-08	-7.51E-08	-1.32E-08	-1.88E-08	-5.89E-07
332	473943.71, 3847880.61	12.55865	-1.59E-03	-7.43E-04	-1.47E-03	-5.50E-07	-1.66E-06	-9.61E-07	-4.49E-07	-4.07E-07	-1.86E-07	-3.67E-07	-1.84E-08	-4.44E-07	-9.79E-08	-6.10E-08	-9.68E-08	-1.71E-08	-2.42E-08	-7.59E-07
333	473968.71, 3847605.61	1.48209	-1.88E-04	-8.76E-05	-1.73E-04	-6.49E-08	-1.96E-07	-1.13E-07	-5.30E-08	-4.81E-08	-2.19E-08	-4.33E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.20E-09	-1.14E-08	-2.01E-09	-2.86E-09	-8.96E-08
334	473968.71, 3847630.61	1.64413	-2.08E-04	-9.72E-05	-1.92E-04	-7.20E-08	-2.17E-07	-1.26E-07	-5.88E-08	-5.33E-08	-2.43E-08	-4.81E-08	-2.40E-09	-5.81E-08	-1.28E-08	-7.99E-09	-1.27E-08	-2.23E-09	-3.17E-09	-9.94E-08
335	473968.71, 3847655.61	1.81772	-2.30E-04	-1.07E-04	-2.12E-04	-7.96E-08	-2.40E-07	-1.39E-07	-6.50E-08	-5.90E-08	-2.69E-08	-5.31E-08	-2.66E-09	-6.42E-08	-1.42E-08	-8.83E-09	-1.40E-08	-2.47E-09	-3.50E-09	-1.10E-07
336	473968.71, 3847680.61	2.07431	-2.62E-04	-1.23E-04	-2.42E-04	-9.08E-08	-2.74E-07	-1.59E-07	-7.42E-08	-6.73E-08	-3.07E-08	-6.06E-08	-3.03E-09	-7.33E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.82E-09	-4.00E-09	-1.25E-07
337	473968.71, 3847705.61	2.41513	-3.06E-04	-1.43E-04	-2.82E-04	-1.06E-07	-3.19E-07	-1.85E-07	-8.64E-08	-7.83E-08	-3.57E-08	-7.06E-08	-3.53E-09	-8.53E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.28E-09	-4.66E-09	-1.46E-07
338	473968.71, 3847730.61	2.79106	-3.53E-04	-1.65E-04	-3.26E-04	-1.22E-07	-3.69E-07	-2.14E-07	-9.99E-08	-9.05E-08	-4.13E-08	-8.16E-08	-4.08E-09	-9.86E-08	-2.18E-08	-1.36E-08	-2.15E-08	-3.79E-09	-5.38E-09	-1.69E-07
339	473968.71, 3847755.61	3.29964	-4.17E-04	-1.95E-04	-3.85E-04	-1.45E-07	-4.36E-07	-2.53E-07	-1.18E-07	-1.07E-07	-4.88E-08	-9.64E-08	-4.83E-09	-1.17E-07	-2.57E-08	-1.60E-08	-2.54E-08	-4.48E-09	-6.36E-09	-1.99E-07
340	473968.71, 3847780.61	3.99204	-5.05E-04	-2.36E-04	-4.66E-04	-1.75E-07	-5.28E-07	-3.06E-07	-1.43E-07	-1.29E-07	-5.91E-08	-1.17E-07	-5.84E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.08E-08	-5.42E-09	-7.70E-09	-2.41E-07
341	473968.71, 3847805.61	4.72578	-5.98E-04	-2.79E-04	-5.52E-04	-2.07E-07	-6.25E-07	-3.62E-07	-1.69E-07	-1.53E-07	-6.99E-08	-1.38E-07	-6.91E-09	-1.67E-07	-3.68E-08	-2.30E-08	-3.64E-08	-6.42E-09	-9.11E-09	-2.86E-07
342	473968.71, 3847830.61	6.15056	-7.78E-04	-3.64E-04	-7.18E-04	-2.69E-07	-8.13E-07	-4.71E-07	-2.20E-07	-1.99E-07	-9.10E-08	-1.80E-07	-8.99E-09	-2.17E-07	-4.79E-08	-2.99E-08	-4.74E-08	-8.35E-09	-1.19E-08	-3.72E-07
343	473968.71, 3847855.61	8.15148	-1.03E-03	-4.82E-04	-9.52E-04	-3.57E-07	-1.08E-06	-6.24E-07	-2.92E-07	-2.64E-07	-1.21E-07	-2.38E-07	-1.19E-08	-2.88E-07	-6.35E-08	-3.96E-08	-6.28E-08	-1.11E-08	-1.57E-08	-4.93E-07
344	473968.71, 3847880.61	10.62954	-1.34E-03	-6.29E-04	-1.24E-03	-4.66E-07	-1.41E-06	-8.14E-07	-3.80E-07	-3.45E-07	-1.57E-07	-3.11E-07	-1.55E-08	-3.75E-07	-8.29E-08	-5.16E-08	-8.19E-08	-1.44E-08	-2.05E-08	-6.42E-07
345	473993.71, 3847605.61	1.31118	-1.66E-04	-7.75E-05	-1.53E-04	-5.74E-08	-1.73E-07	-1.00E-07	-4.69E-08	-4.25E-08	-1.94E-08	-3.83E-08	-1.92E-09	-4.63E-08	-1.02E-08	-6.37E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.92E-08
346	473993.71, 3847630.61	1.36272	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.24E-08
347	473993.71, 3847655.61	1.42206	-1.80E-04	-8.41E-05	-1.66E-04	-6.23E-08	-1.88E-07	-1.09E-07	-5.09E-08	-4.61E-08	-2.10E-08	-4.16E-08	-2.08E-09	-5.02E-08	-1.11E-08	-6.91E-09	-1.10E-08	-1.93E-09	-2.74E-09	-8.59E-08
348	473993.71, 3847680.61	1.69924	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.97E-08	-2.49E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
349	473993.71, 3847705.61	2.08964	-2.64E-04	-1.24E-04	-2.44E-04	-9.15E-08	-2.76E-07	-1.60E-07	-7.48E-08	-6.78E-08	-3.09E-08	-6.11E-08	-3.06E-09	-7.38E-08	-1.63E-08	-1.02E-08	-1.61E-08	-2.84E-09	-4.03E-09	-1.26E-07
350	473993.71, 3847730.61	2.50239	-3.17E-04	-1.48E-04	-2.92E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.95E-08	-8.12E-08	-3.70E-08	-7.31E-08	-3.66E-09	-8.84E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.82E-09	-1.51E-07
351	473993.71, 3847755.61	2.9923	-3.79E-04	-1.77E-04	-3.49E-04	-1.31E-07	-3.96E-07	-2.29E-07	-1.07E-07	-9.71E-08	-4.43E-08	-8.75E-08	-4.38E-09	-1.06E-07	-2.33E-08	-1.45E-08	-2.31E-08	-4.06E-09	-5.77E-09	-1.81E-07
352	473993.71, 3847780.61	3.59434	-4.55E-04	-2.13E-04	-4.20E-04	-1.57E-07	-4.75E-07	-2.75E-07	-1.29E-07	-1.17E-07	-5.32E-08	-1.05E-07	-5.26E-09	-1.27E-07	-2.80E-08	-1.75E-08	-2.77E-08	-4.88E-09	-6.93E-09	-2.17E-07
353	473993.71, 3847805.61	4.16459	-5.27E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.51E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.16E-08	-1.22E-07	-6.09E-09	-1.47E-07	-3.25E-08	-2.02E-08	-3.21E-08	-5.66E-09	-8.03E-09	-2.52E-07
354	473993.71, 3847830.61	5.35851	-6.78E-04	-3.17E-04	-6.26E-04	-2.35E-07	-7.09E-07	-4.10E-07	-1.92E-07	-1.74E-07	-7.93E-08	-1.57E-07	-7.84E-09	-1.89E-07	-4.18E-08	-2.60E-08	-4.13E-08	-7.28E-09	-1.03E-08	-3.24E-07
355	473993.71, 3847855.61	6.54231	-8.28E-04	-3.87E-04	-7.64E-04	-2.87E-07	-8.65E-07	-5.01E-07	-2.34E-07	-2.12E-07	-9.68E-08	-1.91E-07	-9.57E-09	-2.31E-07	-5.10E-08	-3.18E-08	-5.04E-08	-8.89E-09	-1.26E-08	-3.95E-07
356	473993.71, 3847880.61	8.60906	-1.09E-03	-5.09E-04	-1.01E-03	-3.77E-07	-1.14E-06	-6.59E-07	-3.08E-07	-2.79E-07	-1.27E-07	-2.52E-07	-1.26E-08	-3.04E-07	-6.71E-08	-4.18E-08	-6.63E-08	-1.17E-08	-1.66E-08	-5.20E-07
357	473993.71, 3847905.61	11.72185	-1.48E-03	-6.93E-04	-1.37E-03	-5.13E-07	-1.55E-06	-8.97E-07	-4.19E-07	-3.80E-07	-1.73E-07	-3.43E-07	-1.71E-08	-4.14E-07	-9.14E-08	-5.69E-08	-9.03E-08	-1.59E-08	-2.26E-08	-7.08E-07
358	474018.71, 3847630.61	1.23519	-1.56E-04	-7.30E-05	-1.44E-04	-5.41E-08	-1.63E-07	-9.46E-08	-4.42E-08	-4.01E-08	-1.83E-08	-3.61E-08	-1.81E-09	-4.36E-08	-9.63E-09	-6.00E-09	-9.52E-09	-1.68E-09	-2.38E-09	-7.46E-08
359	474018.71, 3847655.61	1.31178	-1.66E-04	-7.76E-05	-1.53E-04	-5.74E-08	-1.73E-07	-1.00E-07	-4.69E-08	-4.25E-08	-1.94E-08	-3.83E-08	-1.92E-09	-4.63E-08	-1.02E-08	-6.37E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
360	474018.71, 3847680.61	1.57909	-2.00E-04	-9.34E-05	-1.84E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.14E-09	-3.04E-09	-9.54E-08
361	474018.71, 3847705.61	1.8611	-2.35E-04	-1.10E-04	-2.17E-04	-8.15E-08	-2.46E-07	-1.42E-07	-6.66E-08	-6.04E-08	-2.75E-08	-5.44E-08	-2.72E-09	-6.57E-08	-1.45E-08	-9.04E-09	-1.43E-08	-2.53E-09	-3.59E-09	-1.12E-07
362	474018.71, 3847730.61	2.24595	-2.84E-04	-1.33E-04	-2.62E-04	-9.84E-08	-2.97E-07	-1.72E-07	-8.04E-08	-7.28E-08	-3.32E-08	-6.56E-08	-3.28E-09	-7.93E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.33E-09	-1.36E-07
363	474018.71, 3847755.61	2.73625	-3.46E-04	-1.62E-04	-3.20E-04	-1.20E-07	-3.62E-07	-2.09E-07	-9.79E-08	-8.87E-08	-4.05E-08	-8.00E-08	-4.00E-09	-9.67E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.72E-09	-5.28E-09	-1.65E-07
364	474018.71, 3847780.61	3.32481	-4.21E-04	-1.97E-04	-3.88E-04	-1.46E-07	-4.40E-07	-2.55E-07	-1.19E-07	-1.08E-07	-4.92E-08	-9.72E-08	-4.86E-09	-1.17E-07	-2.59E-08	-1.62E-08	-2.56E-08	-4.52E-09	-6.41E-09	-2.01E-07
365	474018.71, 3847805.61	4.09045	-5.17E-04	-2.42E-04	-4.78E-04	-1.79E-07	-5.41E-07	-3.13E-07	-1.46E-07	-1.33E-07	-6.05E-08	-1.20E-07	-5.98E-09	-1.44E-07	-3.19E-08	-1.99E-08	-3.15E-08	-5.56E-09	-7.89E-09	-2.47E-07
366	474018.71, 3847830.61	4.74403	-6.00E-04	-2.81E-04	-5.54E-04	-2.08E-07	-6.27E-07	-3.63E-07	-1.70E-07	-1.54E-07	-7.02E-08	-1.39E-07	-6.94E-09	-1.68E-07	-3.70E-08	-2.30E-08	-3.66E-08	-6.44E-09	-9.15E-09	-2.87E-07
367	474018.71, 3847855.61	5.59362	-7.08E-04	-3.31E-04	-6.53E-04	-2.45E-07	-7.40E-07	-4.28E-07	-2.00E-07	-1.81E-07	-8.28E-08	-1.63E-07	-8.18E-09	-1.98E-07	-4.36E-08	-2.72E-08	-4.31E-08	-7.60E-09	-1.08E-08	-3.38E-07
368	474018.71, 3847880.61	6.96436	-8.81E-04	-4.12E-04	-8.13E-04	-3.05E-07	-9.21E-07	-5.33E-07	-2.49E-07	-2.26E-07	-1.03E-07	-2.04E-07	-1.02E-08	-2.46E-07	-5.43E-08	-3.38E-08	-5.37E-08	-9.46E-09	-1.34E-08	-4.21E-07
369	474018.71, 3847905.61	9.7088	-1.23E-03	-5.74E-04	-1.13E-03	-4.25E-07	-1.28E-06	-7.43E-07	-3.47E-07	-3.15E-07	-1.44E-07	-2.84E-07	-1.42E-08	-3.43E-07	-7.57E-08	-4.72E-08	-7.48E-08	-1.32E-08	-1.87E-08	-5.87E-07
370	474018.71, 3847930.61	12.85148	-1.63E-03	-7.60E-04	-1.50E-03	-5.63E-07	-1.70E-06	-9.84E-07	-4.60E-07	-4.17E-07	-1.90E-07	-3.76E-07	-1.88E-08	-4.54E-07	-1.00E-07	-6.24E-08	-9.90E-08	-1.75E-08	-2.48E-08	-7.77E-07
371	474043.71, 3847630.61	1.18589	-1.50E-04	-7.01E-05	-1.38E-04	-5.19E-08	-1.57E-07	-9.08E-08	-4.24E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.73E-09	-4.19E-08	-9.24E-09	-5.76E-09	-9.14E-09	-1.61E-09	-2.29E-09	-7.17E-08
372	474043.71, 3847655.61	1.26436	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.68E-08	-4.52E-08	-4.10E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.86E-09	-6.14E-09	-9.74E-09	-1.72E-09	-2.44E-09	-7.64E-08
373	474043.71, 3847680.61	1.46683	-1.86E-04	-8.67E-05	-1.71E-04	-6.42E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.18E-08	-1.14E-08	-7.13E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.86E-08
374	474043.71, 3847705.61	1.68393	-2.13E-04	-9.96E-05	-1.97E-04	-7.37E-08	-2.23E-07	-1.29E-07	-6.03E-08	-5.46E-08	-2.49E-08	-4.92E-08	-2.46E-09	-5.95E-08	-1.31E-08	-8.18E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
375	474043.71, 3847730.61	1.94476	-2.46E-04	-1.15E-04	-2.27E-04	-8.52E-08	-2.57E-07	-1.49E-07	-6.96E-08	-6.31E-08	-2.88E-08	-5.68E-08	-2.84E-09	-6.87E-08	-1.52E-08	-9.45E-09	-1.50E-08	-2.64E-09	-3.75E-09	-1.18E-07
376	474043.71, 3847755.61	2.33393	-2.95E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.35E-08	-7.57E-08	-3.45E-08	-6.82E-08	-3.41E-09	-8.24E-08	-1.82E-08	-1.13E-08	-1.80E-08	-3.17E-09	-4.50E-09	-1.41E-07
377	474043.71, 3847780.61	2.92823	-3.70E-04	-1.73E-04	-3.42E-04	-1.28E-07	-3.87E-07	-2.24E-07	-1.05E-07	-9.50E-08	-4.33E-08	-8.56E-08	-4.28E-09	-1.03E-07	-2.28E-08	-1.42E-08	-2.26E-08	-3.98E-09	-5.65E-09	-1.77E-07
378	474043.71, 3847805.61	3.63695	-4.60E-04	-2.15E-04	-4.25E-04	-1.59E-07	-4.81E-07	-2.78E-07	-1.30E-07	-1.18E-07	-5.38E-08	-1.06E-07	-5.32E-09	-1.28E-07	-2.83E-08	-1.77E-08	-2.80E-08	-4.94E-09	-7.01E-09	-2.20E-07
379	474043.71, 3847830.61	4.16715	-5.27E-04	-2.46E-04	-4.87E-04	-1.82E-07	-5.51E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.17E-08	-1.22E-07	-6.09E-09	-1.47E-07	-3.25E-08	-2.02E-08	-3.21E-08	-5.66E-09	-8.03E-09	-2.52E-07

380	474043.71, 3847855.61	5.02669	-6.36E-04	-2.97E-04	-5.87E-04	-2.20E-07	-6.65E-07	-3.85E-07	-1.80E-07	-1.63E-07	-7.44E-08	-1.47E-07	-7.35E-09	-1.78E-07	-3.92E-08	-2.44E-08	-3.87E-08	-6.83E-09	-9.69E-09	-3.04E-07
381	474043.71, 3847880.61	6.27214	-7.94E-04	-3.71E-04	-7.32E-04	-2.75E-07	-8.29E-07	-4.80E-07	-2.24E-07	-2.03E-07	-9.28E-08	-1.83E-07	-9.17E-09	-2.22E-07	-4.89E-08	-3.05E-08	-4.83E-08	-8.52E-09	-1.21E-08	-3.79E-07
382	474043.71, 3847905.61	8.21213	-1.04E-03	-4.86E-04	-9.59E-04	-3.60E-07	-1.09E-06	-6.29E-07	-2.94E-07	-2.66E-07	-1.22E-07	-2.40E-07	-1.20E-08	-2.90E-07	-6.40E-08	-3.99E-08	-6.33E-08	-1.12E-08	-1.58E-08	-4.96E-07
383	474043.71, 3847930.61	10.80497	-1.37E-03	-6.39E-04	-1.26E-03	-4.73E-07	-1.43E-06	-8.27E-07	-3.87E-07	-3.50E-07	-1.60E-07	-3.16E-07	-1.58E-08	-3.82E-07	-8.42E-08	-5.25E-08	-8.33E-08	-1.47E-08	-2.08E-08	-6.53E-07
384	474068.71, 3847655.61	1.21429	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.34E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
385	474068.71, 3847680.61	1.38201	-1.75E-04	-8.17E-05	-1.61E-04	-6.05E-08	-1.83E-07	-1.06E-07	-4.94E-08	-4.48E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.88E-08	-1.08E-08	-6.71E-09	-1.07E-08	-1.88E-09	-2.66E-09	-8.35E-08
386	474068.71, 3847705.61	1.56296	-1.98E-04	-9.24E-05	-1.83E-04	-6.84E-08	-2.07E-07	-1.20E-07	-5.59E-08	-5.07E-08	-2.31E-08	-4.57E-08	-2.29E-09	-5.52E-08	-1.22E-08	-7.59E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.45E-08
387	474068.71, 3847730.61	1.70086	-2.15E-04	-1.01E-04	-1.99E-04	-7.45E-08	-2.25E-07	-1.30E-07	-6.09E-08	-5.52E-08	-2.52E-08	-4.97E-08	-2.49E-09	-6.01E-08	-1.33E-08	-8.26E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
388	474068.71, 3847755.61	1.9455	-2.46E-04	-1.15E-04	-2.27E-04	-8.52E-08	-2.57E-07	-1.49E-07	-6.96E-08	-6.31E-08	-2.88E-08	-5.69E-08	-2.85E-09	-6.87E-08	-1.52E-08	-9.45E-09	-1.50E-08	-2.64E-09	-3.75E-09	-1.18E-07
389	474068.71, 3847780.61	2.48833	-3.15E-04	-1.47E-04	-2.91E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.90E-08	-8.07E-08	-3.68E-08	-7.27E-08	-3.64E-09	-8.79E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.38E-09	-4.80E-09	-1.50E-07
390	474068.71, 3847805.61	3.07699	-3.89E-04	-1.82E-04	-3.59E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.98E-08	-4.55E-08	-8.99E-08	-4.50E-09	-1.09E-07	-2.40E-08	-1.49E-08	-2.37E-08	-4.18E-09	-5.93E-09	-1.86E-07
391	474068.71, 3847830.61	3.64595	-4.61E-04	-2.16E-04	-4.26E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.40E-08	-1.07E-07	-5.33E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.03E-09	-2.20E-07
392	474068.71, 3847855.61	4.43043	-5.61E-04	-2.62E-04	-5.17E-04	-1.94E-07	-5.86E-07	-3.39E-07	-1.59E-07	-1.44E-07	-6.56E-08	-1.29E-07	-6.48E-09	-1.57E-07	-3.45E-08	-2.15E-08	-3.41E-08	-6.02E-09	-8.54E-09	-2.68E-07
393	474068.71, 3847880.61	5.49345	-6.95E-04	-3.25E-04	-6.42E-04	-2.41E-07	-7.26E-07	-4.21E-07	-1.97E-07	-1.78E-07	-8.13E-08	-1.61E-07	-8.03E-09	-1.94E-07	-4.28E-08	-2.67E-08	-4.23E-08	-7.46E-09	-1.06E-08	-3.32E-07
394	474068.71, 3847905.61	6.91859	-8.75E-04	-4.09E-04	-8.08E-04	-3.03E-07	-9.15E-07	-5.30E-07	-2.48E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.39E-08	-3.36E-08	-5.33E-08	-9.40E-09	-1.33E-08	-4.18E-07
395	474068.71, 3847930.61	9.28099	-1.17E-03	-5.49E-04	-1.08E-03	-4.06E-07	-1.23E-06	-7.10E-07	-3.32E-07	-3.01E-07	-1.37E-07	-2.71E-07	-1.36E-08	-3.28E-07	-7.23E-08	-4.51E-08	-7.15E-08	-1.26E-08	-1.79E-08	-5.61E-07
396	474068.71, 3847955.61	11.68315	-1.48E-03	-6.91E-04	-1.36E-03	-5.12E-07	-1.54E-06	-8.94E-07	-4.18E-07	-3.79E-07	-1.73E-07	-3.41E-07	-1.71E-08	-4.13E-07	-9.11E-08	-5.68E-08	-9.00E-08	-1.59E-08	-2.25E-08	-7.06E-07
397	474093.71, 3847655.61	1.24403	-1.57E-04	-7.36E-05	-1.45E-04	-5.45E-08	-1.65E-07	-9.52E-08	-4.45E-08	-4.03E-08	-1.84E-08	-3.64E-08	-1.82E-09	-4.39E-08	-9.70E-09	-6.04E-09	-9.59E-09	-1.69E-09	-2.40E-09	-7.52E-08
398	474093.71, 3847680.61	1.36285	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.24E-08
399	474093.71, 3847705.61	1.45978	-1.85E-04	-8.63E-05	-1.70E-04	-6.39E-08	-1.93E-07	-1.12E-07	-5.22E-08	-4.73E-08	-2.16E-08	-4.27E-08	-2.13E-09	-5.16E-08	-1.14E-08	-7.09E-09	-1.12E-08	-1.98E-09	-2.81E-09	-8.82E-08
400	474093.71, 3847730.61	1.62544	-2.06E-04	-9.61E-05	-1.90E-04	-7.12E-08	-2.15E-07	-1.24E-07	-5.82E-08	-5.27E-08	-2.41E-08	-4.75E-08	-2.38E-09	-5.74E-08	-1.27E-08	-7.90E-09	-1.25E-08	-2.21E-09	-3.13E-09	-9.82E-08
401	474093.71, 3847755.61	1.86309	-2.36E-04	-1.10E-04	-2.18E-04	-8.16E-08	-2.46E-07	-1.43E-07	-6.67E-08	-6.04E-08	-2.76E-08	-5.45E-08	-2.72E-09	-6.58E-08	-1.45E-08	-9.05E-09	-1.44E-08	-2.53E-09	-3.59E-09	-1.13E-07
402	474093.71, 3847780.61	2.21149	-2.80E-04	-1.31E-04	-2.58E-04	-9.69E-08	-2.92E-07	-1.69E-07	-7.91E-08	-7.17E-08	-3.27E-08	-6.46E-08	-3.23E-09	-7.81E-08	-1.72E-08	-1.07E-08	-1.70E-08	-3.00E-09	-4.26E-09	-1.34E-07
403	474093.71, 3847805.61	2.70608	-3.42E-04	-1.60E-04	-3.16E-04	-1.19E-07	-3.58E-07	-2.07E-07	-9.68E-08	-8.78E-08	-4.00E-08	-7.91E-08	-3.96E-09	-9.56E-08	-2.11E-08	-1.31E-08	-2.09E-08	-3.68E-09	-5.22E-09	-1.64E-07
404	474093.71, 3847830.61	3.25235	-4.11E-04	-1.92E-04	-3.80E-04	-1.42E-07	-4.30E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.81E-08	-9.51E-08	-4.76E-09	-1.15E-07	-2.54E-08	-1.58E-08	-2.51E-08	-4.42E-09	-6.27E-09	-1.97E-07
405	474093.71, 3847855.61	3.98916	-5.05E-04	-2.36E-04	-4.66E-04	-1.75E-07	-5.27E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.90E-08	-1.17E-07	-5.83E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.42E-09	-7.69E-09	-2.41E-07
406	474093.71, 3847880.61	4.89993	-6.20E-04	-2.90E-04	-5.72E-04	-2.15E-07	-6.48E-07	-3.75E-07	-1.75E-07	-1.59E-07	-7.25E-08	-1.43E-07	-7.17E-09	-1.73E-07	-3.82E-08	-2.38E-08	-3.78E-08	-6.66E-09	-9.45E-09	-2.96E-07
407	474093.71, 3847905.61	6.05314	-7.66E-04	-3.58E-04	-7.07E-04	-2.65E-07	-8.00E-07	-4.63E-07	-2.17E-07	-1.96E-07	-8.96E-08	-1.77E-07	-8.85E-09	-2.14E-07	-4.72E-08	-2.94E-08	-4.66E-08	-8.22E-09	-1.17E-08	-3.66E-07
408	474093.71, 3847930.61	7.85328	-9.94E-04	-4.64E-04	-9.17E-04	-3.44E-07	-1.04E-06	-6.01E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.77E-07	-6.12E-08	-3.82E-08	-6.05E-08	-1.07E-08	-1.51E-08	-4.75E-07
409	474093.71, 3847955.61	10.06449	-1.27E-03	-5.95E-04	-1.18E-03	-4.41E-07	-1.33E-06	-7.70E-07	-3.60E-07	-3.26E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.56E-07	-7.85E-08	-4.89E-08	-7.76E-08	-1.37E-08	-1.94E-08	-6.08E-07
410	474093.71, 3847980.61	12.5755	-1.59E-03	-7.44E-04	-1.47E-03	-5.51E-07	-1.66E-06	-9.63E-07	-4.50E-07	-4.08E-07	-1.86E-07	-3.68E-07	-1.84E-08	-4.44E-07	-9.80E-08	-6.11E-08	-9.69E-08	-1.71E-08	-2.42E-08	-7.60E-07
411	474118.71, 3847680.61	1.35537	-1.71E-04	-8.01E-05	-1.58E-04	-5.94E-08	-1.79E-07	-1.04E-07	-4.85E-08	-4.40E-08	-2.01E-08	-3.96E-08	-1.98E-09	-4.79E-08	-1.06E-08	-6.58E-09	-1.04E-08	-1.84E-09	-2.61E-09	-8.19E-08
412	474118.71, 3847705.61	1.51455	-1.92E-04	-8.96E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.43E-08	-2.21E-09	-5.35E-08	-1.18E-08	-7.36E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
413	474118.71, 3847730.61	1.63179	-2.06E-04	-9.65E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.29E-08	-2.42E-08	-4.77E-08	-2.39E-09	-5.76E-08	-1.27E-08	-7.93E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.86E-08
414	474118.71, 3847755.61	1.84469	-2.33E-04	-1.09E-04	-2.15E-04	-8.08E-08	-2.44E-07	-1.41E-07	-6.60E-08	-5.98E-08	-2.73E-08	-5.39E-08	-2.70E-09	-6.52E-08	-1.44E-08	-8.96E-09	-1.42E-08	-2.51E-09	-3.56E-09	-1.11E-07
415	474118.71, 3847780.61	2.10848	-2.67E-04	-1.25E-04	-2.46E-04	-9.23E-08	-2.79E-07	-1.61E-07	-7.54E-08	-6.84E-08	-3.12E-08	-6.16E-08	-3.08E-09	-7.45E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
416	474118.71, 3847805.61	2.42428	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.67E-08	-7.86E-08	-3.59E-08	-7.09E-08	-3.55E-09	-8.56E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.47E-07
417	474118.71, 3847830.61	3.00241	-3.80E-04	-1.78E-04	-3.51E-04	-1.31E-07	-3.97E-07	-2.30E-07	-1.07E-07	-9.74E-08	-4.44E-08	-8.78E-08	-4.39E-09	-1.06E-07	-2.34E-08	-1.46E-08	-2.31E-08	-4.08E-09	-5.79E-09	-1.81E-07
418	474118.71, 3847855.61	3.69312	-4.67E-04	-2.18E-04	-4.31E-04	-1.62E-07	-4.88E-07	-2.83E-07	-1.32E-07	-1.20E-07	-5.47E-08	-1.08E-07	-5.40E-09	-1.30E-07	-2.88E-08	-1.79E-08	-2.85E-08	-5.02E-09	-7.12E-09	-2.23E-07
419	474118.71, 3847880.61	4.39624	-5.56E-04	-2.60E-04	-5.13E-04	-1.93E-07	-5.81E-07	-3.37E-07	-1.57E-07	-1.43E-07	-6.51E-08	-1.28E-07	-6.43E-09	-1.55E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.97E-09	-8.48E-09	-2.66E-07
420	474118.71, 3847905.61	5.28934	-6.69E-04	-3.13E-04	-6.18E-04	-2.32E-07	-6.99E-07	-4.05E-07	-1.89E-07	-1.72E-07	-7.83E-08	-1.55E-07	-7.74E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.08E-08	-7.18E-09	-1.02E-08	-3.20E-07
421	474118.71, 3847930.61	6.88888	-8.72E-04	-4.07E-04	-8.05E-04	-3.02E-07	-9.11E-07	-5.27E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.43E-07	-5.37E-08	-3.35E-08	-5.31E-08	-9.36E-09	-1.33E-08	-4.16E-07
422	474118.71, 3847955.61	8.77809	-1.11E-03	-5.19E-04	-1.03E-03	-3.84E-07	-1.16E-06	-6.72E-07	-3.14E-07	-2.85E-07	-1.30E-07	-2.57E-07	-1.28E-08	-3.10E-07	-6.84E-08	-4.26E-08	-6.76E-08	-1.19E-08	-1.69E-08	-5.30E-07
423	474118.71, 3847980.61	10.63676	-1.35E-03	-6.29E-04	-1.24E-03	-4.66E-07	-1.41E-06	-8.14E-07	-3.81E-07	-3.45E-07	-1.57E-07	-3.11E-07	-1.56E-08	-3.76E-07	-8.29E-08	-5.17E-08	-8.20E-08	-1.44E-08	-2.05E-08	-6.43E-07
424	474143.71, 3847680.61	1.31846	-1.67E-04	-7.80E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.72E-08	-4.28E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.66E-08	-1.03E-08	-6.40E-09	-1.02E-08	-1.79E-09	-2.54E-09	-7.97E-08
425	474143.71, 3847705.61	1.44615	-1.83E-04	-8.55E-05	-1.69E-04	-6.33E-08	-1.91E-07	-1.11E-07	-5.17E-08	-4.69E-08	-2.14E-08	-4.23E-08	-2.11E-09	-5.11E-08	-1.13E-08	-7.03E-09	-1.11E-08	-1.96E-09	-2.79E-09	-8.74E-08
426	474143.71, 3847730.61	1.48377	-1.88E-04	-8.77E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.81E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
427	474143.71, 3847755.61	1.61863	-2.05E-04	-9.57E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.40E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.86E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.78E-08
428	474143.71, 3847780.61	1.87452	-2.37E-04	-1.11E-04	-2.19E-04	-8.21E-08	-2.48E-07	-1.43E-07	-6.71E-08	-6.08E-08	-2.77E-08	-5.48E-08	-2.74E-09	-6.62E-08	-1.46E-08	-9.11E-09	-1.44E-08	-2.55E-09	-3.61E-09	-1.13E-07
429	474143.71, 3847805.61	2.17482	-2.75E-04	-1.29E-04	-2.54E-04	-9.52E-08	-2.88E-07	-1.66E-07	-7.78E-08	-7.05E-08	-3.22E-08	-6.36E-08	-3.18E-09	-7.68E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.95E-09	-4.19E-09	-1.31E-07
430	474143.71, 3847830.61	2.74456	-3.47E-04	-1.62E-04	-3.21E-04	-1.20E-07	-3.63E-07	-2.10E-07	-9.82E-08	-8.90E-08	-4.06E-08	-8.02E-08	-4.01E-09	-9.70E-08	-2.14E-08	-1.33E-08	-2.12E-08	-3.73E-09	-5.29E-09	-1.66E-07
431	474143.71, 3847855.61	3.37771	-4.27E-04	-2.00E-04	-3.94E-04	-1.48E-07	-4.47E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.00E-08	-9.87E-08	-4.94E-09	-1.19E-07	-2.63E-08	-1.64E-08	-2.60E-08	-4.59E-09	-6.51E-09	-2.04E-07
432	474143.71, 3847880.61	4.08791	-5.17E-04	-2.42E-04	-4.77E-04	-1.79E-07	-5.41E-07	-3.13E-07	-1.46E-07	-1.33E-07	-6.05E-08	-1.19E-07	-5.98E-09	-1.44E-07	-3.19E-08	-1.99E-08	-3.15E-08	-5.55E-09	-7.88E-09	-2.47E-07
433	474143.71, 3847905.61	4.89845	-6.20E-04	-2.90E-04	-5.72E-04	-2.15E-07	-6.48E-07	-3.75E-07	-1.75E-07	-1.59E-07	-7.25E-08	-1.43E-07	-7.16E-09	-1.73E-07	-3.82E-08	-2.38E-08	-3.77E-08	-6.65E-09	-9.44E-09	-2.96E-07
434	474143.71, 3847930.61	5.85963	-7.41E-04	-3.47E-04	-6.84E-04	-2.57E-07	-7.75E-07	-4.49E-07	-2.10E-07	-1.90E-07	-8.67E-08	-1.71E-07	-8.57E-09	-2.07E-07	-4.57E-08	-2.85E-08	-4.52E-08	-7.96E-09	-1.13E-08	-3.54E-07
435	474143.71, 3847955.61	7.2343	-9.15E-04	-4.28E-04	-8.45E-04	-3.17E-07	-9.57E-07	-5.54E-07	-2.59E-07	-2.35E-07	-1.07E-07	-2.11E-07	-1.06E-08	-2.56E-07	-5.64E-08	-3.51E-08	-5.58E-08	-9.83E-09	-1.39E-08	-4.37E-07
436	474143.71, 3847980.61	9.15859	-1.16E-03	-5.42E-04	-1.07E-03	-4.01E-07	-1.21E-06	-7.01E-07	-3.28E-07	-2.97E-07	-1.36E-07	-2.68E-07	-1.34E-08	-3.24E-07	-7.14E-08	-4.45E-08	-7.06E-08	-1.24E-08	-1.77E-08	-5.53E-07
437	474143.71, 3848005.61	11.21795	-1.42E-03	-6.63E-04	-1.31E-03	-4.91E-07	-1.48E-06	-8.59E-07	-4.01E-07	-3.64E-07	-1.66E-07	-3.28E-07	-1.64E-08	-3.96E-07	-8.74E-08	-5.45E-08	-8.65E-08	-1.52E-08	-2.16E-08	-6.78E-07
438	474168.71, 3847705.61	1.3654	-1.73E-04	-8.07E-05	-1.59E-04	-5.98E-08	-1.81E-07	-1.05E-07	-4.89E-08	-4.43E-08	-2.02E-08	-3.99E-08	-2.00E-09	-4.82E-08	-1.06E-08	-6.63E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.25E-08
439	474168.71, 3847730.61	1.40333	-1.78E-04	-8.30E-05	-1.64E-04	-6.15E-08	-1.86E-07	-1.07E-07	-5.02E-08	-4.55E-08	-2.08E-08	-4.10E-08	-2.05E-09	-4.96E-08	-1.09E-08	-6.82E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.48E-08
440	474168.71, 3847755.61	1.53209	-1.94E-04	-9.06E-05	-1.79E-04	-6.71E-08	-2.03E-07	-1.17E-07	-5.48E-08	-4.97E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.41E-08	-1.19E-08	-7.44E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.26E-08
441	474168.71, 3847780.61	1.77295	-2.24E-04	-1.05E-04	-2.07E-04	-7.76E-08	-2.34E-07	-1.36E-07	-6.34E-08	-5.75E-08	-2.62E-08	-5.18E-08	-2.59E-09	-6.26E-08	-1.38E-08	-8.61E-09	-1.37E-08	-2.41E-09	-3.42E-09	-1.07E-07
442	474168.71, 3847805.61	2.07709	-2.63E-04	-1.23E-04	-2.43E-04	-9.10E-08	-2.75E-07	-1.59E-07	-7.43E-08	-6.74E-08	-3.07E-08	-6.07E-08	-3.04E-09	-7.34E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.82E-09	-4.00E-09	-1.26E-07
443	474168.71, 3847830.61	2.54802	-3.22E-04	-1.51E-04	-2.98E-04	-1.12E-07	-3.37E-07	-1.95E-07	-9.12E-08	-8.26E-08	-3.77E-08	-7.45E-08	-3.73E-09	-9.00E-08	-1.99E-08	-1.24E-08	-1.96E-08	-3.46E-09	-4.91E-09	-1.54E-07

444	474168.71, 3847855.61	3.0865	-3.90E-04	-1.83E-04	-3.60E-04	-1.35E-07	-4.08E-07	-2.36E-07	-1.10E-07	-1.00E-07	-4.57E-08	-9.02E-08	-4.51E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.38E-08	-4.19E-09	-5.95E-09	-1.87E-07
445	474168.71, 3847880.61	3.72226	-4.71E-04	-2.20E-04	-4.35E-04	-1.63E-07	-4.92E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.51E-08	-1.09E-07	-5.44E-09	-1.31E-07	-2.90E-08	-1.81E-08	-2.87E-08	-5.06E-09	-7.18E-09	-2.25E-07
446	474168.71, 3847905.61	4.44287	-5.62E-04	-2.63E-04	-5.19E-04	-1.95E-07	-5.87E-07	-3.40E-07	-1.59E-07	-1.44E-07	-6.58E-08	-1.30E-07	-6.50E-09	-1.57E-07	-3.46E-08	-2.16E-08	-3.42E-08	-6.03E-09	-8.57E-09	-2.68E-07
447	474168.71, 3847930.61	5.19235	-6.57E-04	-3.07E-04	-6.06E-04	-2.27E-07	-6.87E-07	-3.97E-07	-1.86E-07	-1.68E-07	-7.68E-08	-1.52E-07	-7.59E-09	-1.83E-07	-4.05E-08	-2.52E-08	-4.00E-08	-7.05E-09	-1.00E-08	-3.14E-07
448	474168.71, 3847955.61	5.97512	-7.56E-04	-3.53E-04	-6.98E-04	-2.62E-07	-7.90E-07	-4.57E-07	-2.14E-07	-1.94E-07	-8.84E-08	-1.75E-07	-8.74E-09	-2.11E-07	-4.66E-08	-2.90E-08	-4.60E-08	-8.12E-09	-1.15E-08	-3.61E-07
449	474168.71, 3847980.61	7.96195	-1.01E-03	-4.71E-04	-9.30E-04	-3.49E-07	-1.05E-06	-6.09E-07	-2.85E-07	-2.58E-07	-1.18E-07	-2.33E-07	-1.16E-08	-2.81E-07	-6.21E-08	-3.87E-08	-6.14E-08	-1.08E-08	-1.53E-08	-4.81E-07
450	474168.71, 3848005.61	9.69859	-1.23E-03	-5.74E-04	-1.13E-03	-4.25E-07	-1.28E-06	-7.42E-07	-3.47E-07	-3.15E-07	-1.44E-07	-2.83E-07	-1.42E-08	-3.43E-07	-7.56E-08	-4.71E-08	-7.47E-08	-1.32E-08	-1.87E-08	-5.86E-07
451	474168.71, 3848030.61	11.56653	-1.46E-03	-6.84E-04	-1.35E-03	-5.07E-07	-1.53E-06	-8.85E-07	-4.14E-07	-3.75E-07	-1.71E-07	-3.38E-07	-1.69E-08	-4.09E-07	-9.02E-08	-5.62E-08	-8.91E-08	-1.57E-08	-2.23E-08	-6.99E-07
452	474193.71, 3847705.61	1.31648	-1.67E-04	-7.78E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.40E-09	-1.01E-08	-1.79E-09	-2.54E-09	-7.96E-08
453	474193.71, 3847730.61	1.43049	-1.81E-04	-8.46E-05	-1.67E-04	-6.26E-08	-1.89E-07	-1.10E-07	-5.12E-08	-4.64E-08	-2.12E-08	-4.18E-08	-2.09E-09	-5.05E-08	-1.12E-08	-6.95E-09	-1.10E-08	-1.94E-09	-2.76E-09	-8.64E-08
454	474193.71, 3847755.61	1.51352	-1.91E-04	-8.95E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.42E-08	-2.21E-09	-5.35E-08	-1.18E-08	-7.35E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
455	474193.71, 3847780.61	1.71276	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.26E-07	-1.31E-07	-6.13E-08	-5.56E-08	-2.53E-08	-5.01E-08	-2.50E-09	-6.05E-08	-1.34E-08	-8.32E-09	-1.32E-08	-2.33E-09	-3.30E-09	-1.04E-07
456	474193.71, 3847805.61	1.98378	-2.51E-04	-1.17E-04	-2.32E-04	-8.69E-08	-2.62E-07	-1.52E-07	-7.10E-08	-6.43E-08	-2.94E-08	-5.80E-08	-2.90E-09	-7.01E-08	-1.55E-08	-9.64E-09	-1.53E-08	-2.69E-09	-3.82E-09	-1.20E-07
457	474193.71, 3847830.61	2.46489	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.82E-08	-7.99E-08	-3.65E-08	-7.20E-08	-3.60E-09	-8.71E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
458	474193.71, 3847855.61	2.94884	-3.73E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.90E-07	-2.26E-07	-1.06E-07	-9.56E-08	-4.36E-08	-8.62E-08	-4.31E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.01E-09	-5.69E-09	-1.78E-07
459	474193.71, 3847880.61	3.44033	-4.35E-04	-2.03E-04	-4.02E-04	-1.51E-07	-4.55E-07	-2.63E-07	-1.23E-07	-1.12E-07	-5.09E-08	-1.01E-07	-5.03E-09	-1.22E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.63E-09	-2.08E-07
460	474193.71, 3847905.61	3.9318	-4.97E-04	-2.33E-04	-4.59E-04	-1.72E-07	-5.20E-07	-3.01E-07	-1.41E-07	-1.28E-07	-5.82E-08	-1.15E-07	-5.75E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.03E-08	-5.34E-09	-7.58E-09	-2.38E-07
461	474193.71, 3847930.61	4.49229	-5.68E-04	-2.66E-04	-5.25E-04	-1.97E-07	-5.94E-07	-3.44E-07	-1.61E-07	-1.46E-07	-6.65E-08	-1.31E-07	-6.57E-09	-1.59E-07	-3.50E-08	-2.18E-08	-3.46E-08	-6.10E-09	-8.66E-09	-2.71E-07
462	474193.71, 3847955.61	5.52492	-6.99E-04	-3.27E-04	-6.45E-04	-2.42E-07	-7.31E-07	-4.23E-07	-1.98E-07	-1.79E-07	-8.18E-08	-1.61E-07	-8.08E-09	-1.95E-07	-4.31E-08	-2.68E-08	-4.26E-08	-7.50E-09	-1.07E-08	-3.34E-07
463	474193.71, 3847980.61	6.89364	-8.72E-04	-4.08E-04	-8.05E-04	-3.02E-07	-9.12E-07	-5.28E-07	-2.47E-07	-2.24E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.44E-07	-5.37E-08	-3.35E-08	-5.31E-08	-9.36E-09	-1.33E-08	-4.17E-07
464	474193.71, 3848005.61	8.41125	-1.06E-03	-4.97E-04	-9.82E-04	-3.68E-07	-1.11E-06	-6.44E-07	-3.01E-07	-2.73E-07	-1.24E-07	-2.46E-07	-1.23E-08	-2.97E-07	-6.56E-08	-4.09E-08	-6.48E-08	-1.14E-08	-1.62E-08	-5.08E-07
465	474193.71, 3848030.61	9.81521	-1.24E-03	-5.80E-04	-1.15E-03	-4.30E-07	-1.30E-06	-7.51E-07	-3.51E-07	-3.18E-07	-1.45E-07	-2.87E-07	-1.44E-08	-3.47E-07	-7.65E-08	-4.77E-08	-7.56E-08	-1.33E-08	-1.89E-08	-5.93E-07
466	474193.71, 3848055.61	11.77304	-1.49E-03	-6.96E-04	-1.37E-03	-5.16E-07	-1.56E-06	-9.01E-07	-4.21E-07	-3.82E-07	-1.74E-07	-3.44E-07	-1.72E-08	-4.16E-07	-9.18E-08	-5.72E-08	-9.07E-08	-1.60E-08	-2.27E-08	-7.11E-07
467	474218.71, 3847730.61	1.428	-1.81E-04	-8.44E-05	-1.67E-04	-6.25E-08	-1.89E-07	-1.09E-07	-5.11E-08	-4.63E-08	-2.11E-08	-4.17E-08	-2.09E-09	-5.04E-08	-1.11E-08	-6.94E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.63E-08
468	474218.71, 3847755.61	1.57152	-1.99E-04	-9.29E-05	-1.84E-04	-6.88E-08	-2.08E-07	-1.20E-07	-5.62E-08	-5.10E-08	-2.33E-08	-4.59E-08	-2.30E-09	-5.55E-08	-1.22E-08	-7.63E-09	-1.21E-08	-2.13E-09	-3.03E-09	-9.50E-08
469	474218.71, 3847780.61	1.75479	-2.22E-04	-1.04E-04	-2.05E-04	-7.69E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.52E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
470	474218.71, 3847805.61	1.92389	-2.43E-04	-1.14E-04	-2.25E-04	-8.43E-08	-2.54E-07	-1.47E-07	-6.88E-08	-6.24E-08	-2.85E-08	-5.62E-08	-2.81E-09	-6.80E-08	-1.50E-08	-9.35E-09	-1.48E-08	-2.61E-09	-3.71E-09	-1.16E-07
471	474218.71, 3847830.61	2.33904	-2.96E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.37E-08	-7.59E-08	-3.46E-08	-6.84E-08	-3.42E-09	-8.26E-08	-1.82E-08	-1.14E-08	-1.80E-08	-3.18E-09	-4.51E-09	-1.41E-07
472	474218.71, 3847855.61	2.70594	-3.42E-04	-1.60E-04	-3.16E-04	-1.19E-07	-3.58E-07	-2.07E-07	-9.68E-08	-8.78E-08	-4.00E-08	-7.91E-08	-3.96E-09	-9.56E-08	-2.11E-08	-1.31E-08	-2.09E-08	-3.68E-09	-5.22E-09	-1.64E-07
473	474218.71, 3847880.61	3.08419	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.08E-07	-2.36E-07	-1.10E-07	-1.00E-07	-4.56E-08	-9.01E-08	-4.51E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.38E-08	-4.19E-09	-5.95E-09	-1.86E-07
474	474218.71, 3847905.61	3.58517	-4.54E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.31E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.17E-07
475	474218.71, 3847930.61	4.17087	-5.28E-04	-2.47E-04	-4.87E-04	-1.83E-07	-5.52E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.17E-08	-1.22E-07	-6.10E-09	-1.47E-07	-3.25E-08	-2.03E-08	-3.21E-08	-5.66E-09	-8.04E-09	-2.52E-07
476	474218.71, 3847955.61	4.98152	-6.30E-04	-2.95E-04	-5.82E-04	-2.18E-07	-6.59E-07	-3.81E-07	-1.78E-07	-1.62E-07	-7.37E-08	-1.46E-07	-7.29E-09	-1.76E-07	-3.88E-08	-2.42E-08	-3.84E-08	-6.77E-09	-9.60E-09	-3.01E-07
477	474218.71, 3847980.61	5.87538	-7.43E-04	-3.47E-04	-6.86E-04	-2.57E-07	-7.77E-07	-4.50E-07	-2.10E-07	-1.91E-07	-8.70E-08	-1.72E-07	-8.59E-09	-2.08E-07	-4.58E-08	-2.85E-08	-4.53E-08	-7.98E-09	-1.13E-08	-3.55E-07
478	474218.71, 3848005.61	6.73374	-8.52E-04	-3.98E-04	-7.86E-04	-2.95E-07	-8.90E-07	-5.15E-07	-2.41E-07	-2.18E-07	-9.97E-08	-1.97E-07	-9.85E-09	-2.38E-07	-5.25E-08	-3.27E-08	-5.19E-08	-9.15E-09	-1.30E-08	-4.07E-07
479	474218.71, 3848030.61	8.14097	-1.03E-03	-4.81E-04	-9.51E-04	-3.57E-07	-1.08E-06	-6.23E-07	-2.91E-07	-2.64E-07	-1.20E-07	-2.38E-07	-1.19E-08	-2.88E-07	-6.35E-08	-3.95E-08	-6.27E-08	-1.11E-08	-1.57E-08	-4.92E-07
480	474218.71, 3848055.61	10.06661	-1.27E-03	-5.95E-04	-1.18E-03	-4.41E-07	-1.33E-06	-7.71E-07	-3.60E-07	-3.27E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.56E-07	-7.85E-08	-4.89E-08	-7.76E-08	-1.37E-08	-1.94E-08	-6.08E-07
481	474218.71, 3848080.61	12.05503	-1.53E-03	-7.13E-04	-1.41E-03	-5.28E-07	-1.59E-06	-9.23E-07	-4.31E-07	-3.91E-07	-1.78E-07	-3.52E-07	-1.76E-08	-4.26E-07	-9.40E-08	-5.86E-08	-9.29E-08	-1.64E-08	-2.32E-08	-7.29E-07
482	474243.71, 3847755.61	1.53447	-1.94E-04	-9.07E-05	-1.79E-04	-6.72E-08	-2.03E-07	-1.17E-07	-5.49E-08	-4.98E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.42E-08	-1.20E-08	-7.45E-09	-1.18E-08	-2.08E-09	-2.96E-09	-9.27E-08
483	474243.71, 3847780.61	1.69875	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.97E-08	-2.48E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.27E-09	-1.03E-07
484	474243.71, 3847805.61	1.88969	-2.39E-04	-1.12E-04	-2.21E-04	-8.28E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.13E-08	-2.80E-08	-5.52E-08	-2.76E-09	-6.68E-08	-1.47E-08	-9.18E-09	-1.46E-08	-2.57E-09	-3.64E-09	-1.14E-07
485	474243.71, 3847830.61	2.18037	-2.76E-04	-1.29E-04	-2.55E-04	-9.55E-08	-2.88E-07	-1.67E-07	-7.80E-08	-7.07E-08	-3.23E-08	-6.37E-08	-3.19E-09	-7.70E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.96E-09	-4.20E-09	-1.32E-07
486	474243.71, 3847855.61	2.48499	-3.14E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.89E-08	-8.06E-08	-3.68E-08	-7.26E-08	-3.63E-09	-8.78E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.38E-09	-4.79E-09	-1.50E-07
487	474243.71, 3847880.61	2.89257	-3.66E-04	-1.71E-04	-3.38E-04	-1.27E-07	-3.82E-07	-2.21E-07	-1.03E-07	-9.38E-08	-4.28E-08	-8.45E-08	-4.23E-09	-1.02E-07	-2.25E-08	-1.41E-08	-2.23E-08	-3.93E-09	-5.58E-09	-1.75E-07
488	474243.71, 3847905.61	3.34998	-4.24E-04	-1.98E-04	-3.91E-04	-1.47E-07	-4.43E-07	-2.56E-07	-1.20E-07	-1.09E-07	-4.96E-08	-9.79E-08	-4.90E-09	-1.18E-07	-2.61E-08	-1.63E-08	-2.58E-08	-4.55E-09	-6.46E-09	-2.02E-07
489	474243.71, 3847930.61	3.92337	-4.96E-04	-2.32E-04	-4.58E-04	-1.72E-07	-5.19E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.81E-08	-1.15E-07	-5.74E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.02E-08	-5.33E-09	-7.56E-09	-2.37E-07
490	474243.71, 3847955.61	4.56039	-5.77E-04	-2.70E-04	-5.33E-04	-2.00E-07	-6.03E-07	-3.49E-07	-1.63E-07	-1.48E-07	-6.75E-08	-1.33E-07	-6.67E-09	-1.61E-07	-3.55E-08	-2.22E-08	-3.51E-08	-6.19E-09	-8.79E-09	-2.76E-07
491	474243.71, 3847980.61	5.16947	-6.54E-04	-3.06E-04	-6.04E-04	-2.26E-07	-6.84E-07	-3.96E-07	-1.85E-07	-1.68E-07	-7.65E-08	-1.51E-07	-7.56E-09	-1.83E-07	-4.03E-08	-2.51E-08	-3.98E-08	-7.02E-09	-9.97E-09	-3.12E-07
492	474243.71, 3848005.61	5.87126	-7.43E-04	-3.47E-04	-6.86E-04	-2.57E-07	-7.76E-07	-4.49E-07	-2.10E-07	-1.90E-07	-8.69E-08	-1.72E-07	-8.59E-09	-2.07E-07	-4.58E-08	-2.85E-08	-4.52E-08	-7.97E-09	-1.13E-08	-3.55E-07
493	474243.71, 3848030.61	6.61556	-8.37E-04	-3.91E-04	-7.73E-04	-2.90E-07	-8.75E-07	-5.06E-07	-2.37E-07	-2.15E-07	-9.79E-08	-1.93E-07	-9.67E-09	-2.34E-07	-5.16E-08	-3.21E-08	-5.10E-08	-8.99E-09	-1.28E-08	-4.00E-07
494	474243.71, 3848055.61	7.53986	-9.54E-04	-4.46E-04	-8.81E-04	-3.30E-07	-9.97E-07	-5.77E-07	-2.70E-07	-2.45E-07	-1.12E-07	-2.20E-07	-1.10E-08	-2.66E-07	-5.88E-08	-3.66E-08	-5.81E-08	-1.02E-08	-1.45E-08	-4.56E-07
495	474243.71, 3848080.61	10.06939	-1.27E-03	-5.95E-04	-1.18E-03	-4.41E-07	-1.33E-06	-7.71E-07	-3.60E-07	-3.27E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.56E-07	-7.85E-08	-4.89E-08	-7.76E-08	-1.37E-08	-1.94E-08	-6.09E-07
496	474243.71, 3848105.61	12.3652	-1.56E-03	-7.31E-04	-1.44E-03	-5.42E-07	-1.64E-06	-9.47E-07	-4.42E-07	-4.01E-07	-1.83E-07	-3.61E-07	-1.81E-08	-4.37E-07	-9.64E-08	-6.01E-08	-9.53E-08	-1.68E-08	-2.38E-08	-7.47E-07
497	474268.71, 3847755.61	1.46104	-1.85E-04	-8.64E-05	-1.71E-04	-6.40E-08	-1.93E-07	-1.12E-07	-5.23E-08	-4.74E-08	-2.16E-08	-4.27E-08	-2.14E-09	-5.16E-08	-1.14E-08	-7.10E-09	-1.13E-08	-1.98E-09	-2.82E-09	-8.83E-08
498	474268.71, 3847780.61	1.59421	-2.02E-04	-9.43E-05	-1.86E-04	-6.98E-08	-2.11E-07	-1.22E-07	-5.70E-08	-5.17E-08	-2.36E-08	-4.66E-08	-2.33E-09	-5.63E-08	-1.24E-08	-7.74E-09	-1.23E-08	-2.17E-09	-3.07E-09	-9.63E-08
499	474268.71, 3847805.61	1.77719	-2.25E-04	-1.05E-04	-2.08E-04	-7.78E-08	-2.35E-07	-1.36E-07	-6.36E-08	-5.76E-08	-2.63E-08	-5.19E-08	-2.60E-09	-6.28E-08	-1.39E-08	-8.63E-09	-1.37E-08	-2.41E-09	-3.43E-09	-1.07E-07
500	474268.71, 3847830.61	2.04708	-2.59E-04	-1.21E-04	-2.39E-04	-8.97E-08	-2.71E-07	-1.57E-07	-7.32E-08	-6.64E-08	-3.03E-08	-5.98E-08	-2.99E-09	-7.23E-08	-1.60E-08	-9.94E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
501	474268.71, 3847855.61	2.35008	-2.97E-04	-1.39E-04	-2.74E-04	-1.03E-07	-3.11E-07	-1.80E-07	-8.41E-08	-7.62E-08	-3.48E-08	-6.87E-08	-3.44E-09	-8.30E-08	-1.83E-08	-1.14E-08	-1.81E-08	-3.19E-09	-4.53E-09	-1.42E-07
502	474268.71, 3847880.61	2.68485	-3.40E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.55E-07	-2.06E-07	-9.61E-08	-8.71E-08	-3.97E-08	-7.85E-08	-3.93E-09	-9.48E-08	-2.09E-08	-1.30E-08	-2.07E-08	-3.65E-09	-5.18E-09	-1.62E-07
503	474268.71, 3847905.61	3.07686	-3.89E-04	-1.82E-04	-3.59E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.98E-08	-4.55E-08	-8.99E-08	-4.50E-09	-1.09E-07	-2.40E-08	-1.49E-08	-2.37E-08	-4.18E-09	-5.93E-09	-1.86E-07
504	474268.71, 3847930.61	3.55633	-4.50E-04	-2.10E-04	-4.15E-04	-1.56E-07	-4.70E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.26E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.86E-09	-2.15E-07
505	474268.71, 3847955.61	4.00764	-5.07E-04	-2.37E-04	-4.68E-04	-1.76E-07	-5.30E-07	-3.07E-07	-1.43E-07	-1.30E-07	-5.93E-08	-1.17E-07	-5.86E-09	-1.42E-07	-3.12E-08	-1.95E-08	-3.09E-08	-5.44E-09	-7.73E-09	-2.42E-07
506	474268.71, 3847980.61	4.45819	-5.64E-04	-2.64E-04	-5.21E-04	-1.95E-07	-5.90E-07	-3.41E-07	-1.60E-07	-1.45E-07	-6.60E-08	-1.30E-07	-6.52E-09	-1.57E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.06E-09	-8.59E-09	-2.69E-07
507	474268.71, 3848005.61	4.94983	-6.26E-04	-2.93E-04	-5.78E-04	-2.17E-07	-6.55E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.33E-08	-1.45E-07	-7.24E-09	-1.75E-07	-3.86E-08	-2.40E-08	-3.81E-08	-6.72E-09	-9.54E-09	-2.99E-07

508	474268.71, 3848030.61	5.64452	-7.14E-04	-3.34E-04	-6.59E-04	-2.47E-07	-7.46E-07	-4.32E-07	-2.02E-07	-1.83E-07	-8.35E-08	-1.65E-07	-8.25E-09	-1.99E-07	-4.40E-08	-2.74E-08	-4.35E-08	-7.67E-09	-1.09E-08	-3.41E-07
509	474268.71, 3848055.61	6.71119	-8.49E-04	-3.97E-04	-7.84E-04	-2.94E-07	-8.87E-07	-5.14E-07	-2.40E-07	-2.18E-07	-9.93E-08	-1.96E-07	-9.81E-09	-2.37E-07	-5.23E-08	-3.26E-08	-5.17E-08	-9.12E-09	-1.29E-08	-4.06E-07
510	474268.71, 3848080.61	8.39978	-1.06E-03	-4.97E-04	-9.81E-04	-3.68E-07	-1.11E-06	-6.43E-07	-3.01E-07	-2.72E-07	-1.24E-07	-2.46E-07	-1.23E-08	-2.97E-07	-6.55E-08	-4.08E-08	-6.47E-08	-1.14E-08	-1.62E-08	-5.08E-07
511	474268.71, 3848105.61	10.42489	-1.32E-03	-6.16E-04	-1.22E-03	-4.57E-07	-1.38E-06	-7.98E-07	-3.73E-07	-3.38E-07	-1.54E-07	-3.05E-07	-1.52E-08	-3.68E-07	-8.13E-08	-5.06E-08	-8.03E-08	-1.42E-08	-2.01E-08	-6.30E-07
512	474293.71, 3847780.61	1.55711	-1.97E-04	-9.21E-05	-1.82E-04	-6.82E-08	-2.06E-07	-1.19E-07	-5.57E-08	-5.05E-08	-2.30E-08	-4.55E-08	-2.28E-09	-5.50E-08	-1.21E-08	-7.56E-09	-1.20E-08	-2.11E-09	-3.00E-09	-9.41E-08
513	474293.71, 3847805.61	1.7335	-2.19E-04	-1.03E-04	-2.02E-04	-7.59E-08	-2.29E-07	-1.33E-07	-6.20E-08	-5.62E-08	-2.57E-08	-5.07E-08	-2.54E-09	-6.12E-08	-1.35E-08	-8.42E-09	-1.34E-08	-2.35E-09	-3.34E-09	-1.05E-07
514	474293.71, 3847830.61	1.95146	-2.47E-04	-1.15E-04	-2.28E-04	-8.55E-08	-2.58E-07	-1.49E-07	-6.98E-08	-6.33E-08	-2.89E-08	-5.70E-08	-2.85E-09	-6.89E-08	-1.52E-08	-9.48E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
515	474293.71, 3847855.61	2.19245	-2.77E-04	-1.30E-04	-2.56E-04	-9.60E-08	-2.90E-07	-1.68E-07	-7.84E-08	-7.11E-08	-3.24E-08	-6.41E-08	-3.21E-09	-7.74E-08	-1.71E-08	-1.07E-08	-1.69E-08	-2.98E-09	-4.23E-09	-1.32E-07
516	474293.71, 3847880.61	2.43094	-3.08E-04	-1.44E-04	-2.84E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.70E-08	-7.88E-08	-3.60E-08	-7.11E-08	-3.56E-09	-8.59E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.69E-09	-1.47E-07
517	474293.71, 3847905.61	2.78888	-3.53E-04	-1.65E-04	-3.26E-04	-1.22E-07	-3.69E-07	-2.13E-07	-9.98E-08	-9.05E-08	-4.13E-08	-8.15E-08	-4.08E-09	-9.85E-08	-2.17E-08	-1.35E-08	-2.15E-08	-3.79E-09	-5.38E-09	-1.69E-07
518	474293.71, 3847930.61	3.1728	-4.01E-04	-1.88E-04	-3.71E-04	-1.39E-07	-4.20E-07	-2.43E-07	-1.14E-07	-1.03E-07	-4.70E-08	-9.27E-08	-4.64E-09	-1.12E-07	-2.47E-08	-1.54E-08	-2.45E-08	-4.31E-09	-6.12E-09	-1.92E-07
519	474293.71, 3847955.61	3.48394	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.68E-08	-4.73E-09	-6.72E-09	-2.11E-07
520	474293.71, 3847980.61	3.84746	-4.87E-04	-2.28E-04	-4.49E-04	-1.68E-07	-5.09E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.69E-08	-1.12E-07	-5.63E-09	-1.36E-07	-3.00E-08	-1.87E-08	-2.97E-08	-5.23E-09	-7.42E-09	-2.33E-07
521	474293.71, 3848005.61	4.37812	-5.54E-04	-2.59E-04	-5.11E-04	-1.92E-07	-5.79E-07	-3.35E-07	-1.57E-07	-1.42E-07	-6.48E-08	-1.28E-07	-6.40E-09	-1.55E-07	-3.41E-08	-2.13E-08	-3.37E-08	-5.95E-09	-8.44E-09	-2.65E-07
522	474293.71, 3848030.61	5.05187	-6.39E-04	-2.99E-04	-5.90E-04	-2.21E-07	-6.68E-07	-3.87E-07	-1.81E-07	-1.64E-07	-7.48E-08	-1.48E-07	-7.39E-09	-1.78E-07	-3.94E-08	-2.45E-08	-3.89E-08	-6.86E-09	-9.74E-09	-3.05E-07
523	474293.71, 3848055.61	5.84648	-7.40E-04	-3.46E-04	-6.83E-04	-2.56E-07	-7.73E-07	-4.48E-07	-2.09E-07	-1.90E-07	-8.65E-08	-1.71E-07	-8.55E-09	-2.07E-07	-4.56E-08	-2.84E-08	-4.51E-08	-7.94E-09	-1.13E-08	-3.53E-07
524	474293.71, 3848080.61	6.91582	-8.75E-04	-4.09E-04	-8.08E-04	-3.03E-07	-9.14E-07	-5.29E-07	-2.47E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.39E-08	-3.36E-08	-5.33E-08	-9.39E-09	-1.33E-08	-4.18E-07
525	474293.71, 3848105.61	8.80729	-1.11E-03	-5.21E-04	-1.03E-03	-3.86E-07	-1.16E-06	-6.74E-07	-3.15E-07	-2.86E-07	-1.30E-07	-2.57E-07	-1.29E-08	-3.11E-07	-6.87E-08	-4.28E-08	-6.79E-08	-1.20E-08	-1.70E-08	-5.32E-07
526	474293.71, 3848130.61	10.70673	-1.35E-03	-6.33E-04	-1.25E-03	-4.69E-07	-1.42E-06	-8.20E-07	-3.83E-07	-3.47E-07	-1.58E-07	-3.13E-07	-1.57E-08	-3.78E-07	-8.35E-08	-5.20E-08	-8.25E-08	-1.45E-08	-2.06E-08	-6.47E-07
527	474318.71, 3847805.61	1.66076	-2.10E-04	-9.82E-05	-1.94E-04	-7.27E-08	-2.20E-07	-1.27E-07	-5.94E-08	-5.39E-08	-2.46E-08	-4.85E-08	-2.43E-09	-5.87E-08	-1.29E-08	-8.07E-09	-1.28E-08	-2.26E-09	-3.20E-09	-1.00E-07
528	474318.71, 3847830.61	1.8452	-2.33E-04	-1.09E-04	-2.15E-04	-8.08E-08	-2.44E-07	-1.41E-07	-6.60E-08	-5.98E-08	-2.73E-08	-5.39E-08	-2.70E-09	-6.52E-08	-1.44E-08	-8.96E-09	-1.42E-08	-2.51E-09	-3.56E-09	-1.12E-07
529	474318.71, 3847855.61	2.0325	-2.57E-04	-1.20E-04	-2.37E-04	-8.90E-08	-2.69E-07	-1.56E-07	-7.27E-08	-6.59E-08	-3.01E-08	-5.94E-08	-2.97E-09	-7.18E-08	-1.58E-08	-9.87E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
530	474318.71, 3847880.61	2.22478	-2.81E-04	-1.32E-04	-2.60E-04	-9.74E-08	-2.94E-07	-1.70E-07	-7.96E-08	-7.22E-08	-3.29E-08	-6.50E-08	-3.25E-09	-7.86E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.02E-09	-4.29E-09	-1.34E-07
531	474318.71, 3847905.61	2.50633	-3.17E-04	-1.48E-04	-2.93E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.97E-08	-8.13E-08	-3.71E-08	-7.33E-08	-3.67E-09	-8.85E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.83E-09	-1.51E-07
532	474318.71, 3847930.61	2.72367	-3.45E-04	-1.61E-04	-3.18E-04	-1.19E-07	-3.60E-07	-2.08E-07	-9.75E-08	-8.83E-08	-4.03E-08	-7.96E-08	-3.98E-09	-9.62E-08	-2.12E-08	-1.32E-08	-2.10E-08	-3.70E-09	-5.25E-09	-1.65E-07
533	474318.71, 3847955.61	3.08093	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.99E-08	-4.56E-08	-9.00E-08	-4.51E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.37E-08	-4.18E-09	-5.94E-09	-1.86E-07
534	474318.71, 3847980.61	3.43055	-4.34E-04	-2.03E-04	-4.01E-04	-1.50E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.08E-08	-1.00E-07	-5.02E-09	-1.21E-07	-2.67E-08	-1.67E-08	-2.64E-08	-4.66E-09	-6.61E-09	-2.07E-07
535	474318.71, 3848005.61	3.9024	-4.94E-04	-2.31E-04	-4.56E-04	-1.71E-07	-5.16E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.78E-08	-1.14E-07	-5.71E-09	-1.38E-07	-3.04E-08	-1.90E-08	-3.01E-08	-5.30E-09	-7.52E-09	-2.36E-07
536	474318.71, 3848030.61	4.39377	-5.56E-04	-2.60E-04	-5.13E-04	-1.92E-07	-5.81E-07	-3.36E-07	-1.57E-07	-1.43E-07	-6.50E-08	-1.28E-07	-6.43E-09	-1.55E-07	-3.42E-08	-2.13E-08	-3.39E-08	-5.97E-09	-8.47E-09	-2.66E-07
537	474318.71, 3848055.61	4.90163	-6.20E-04	-2.90E-04	-5.72E-04	-2.15E-07	-6.48E-07	-3.75E-07	-1.75E-07	-1.59E-07	-7.25E-08	-1.43E-07	-7.17E-09	-1.73E-07	-3.82E-08	-2.38E-08	-3.78E-08	-6.66E-09	-9.45E-09	-2.96E-07
538	474318.71, 3848080.61	5.9749	-7.56E-04	-3.53E-04	-6.98E-04	-2.62E-07	-7.90E-07	-4.57E-07	-2.14E-07	-1.94E-07	-8.84E-08	-1.75E-07	-8.74E-09	-2.11E-07	-4.66E-08	-2.90E-08	-4.60E-08	-8.12E-09	-1.15E-08	-3.61E-07
539	474318.71, 3848105.61	6.99308	-8.85E-04	-4.14E-04	-8.17E-04	-3.06E-07	-9.25E-07	-5.35E-07	-2.50E-07	-2.27E-07	-1.03E-07	-2.04E-07	-1.02E-08	-2.47E-07	-5.45E-08	-3.40E-08	-5.39E-08	-9.50E-09	-1.35E-08	-4.23E-07
540	474318.71, 3848130.61	9.03819	-1.14E-03	-5.34E-04	-1.06E-03	-3.96E-07	-1.20E-06	-6.92E-07	-3.23E-07	-2.93E-07	-1.34E-07	-2.64E-07	-1.32E-08	-3.19E-07	-7.05E-08	-4.39E-08	-6.97E-08	-1.23E-08	-1.74E-08	-5.46E-07
541	474318.71, 3848155.61	10.93027	-1.38E-03	-6.46E-04	-1.28E-03	-4.79E-07	-1.45E-06	-8.37E-07	-3.91E-07	-3.55E-07	-1.62E-07	-3.19E-07	-1.60E-08	-3.86E-07	-8.52E-08	-5.31E-08	-8.42E-08	-1.48E-08	-2.11E-08	-6.61E-07
542	474343.71, 3847830.61	1.68187	-2.13E-04	-9.95E-05	-1.96E-04	-7.37E-08	-2.22E-07	-1.29E-07	-6.02E-08	-5.46E-08	-2.49E-08	-4.92E-08	-2.46E-09	-5.94E-08	-1.31E-08	-8.17E-09	-1.30E-08	-2.28E-09	-3.24E-09	-1.02E-07
543	474343.71, 3847855.61	1.80243	-2.28E-04	-1.07E-04	-2.10E-04	-7.89E-08	-2.38E-07	-1.38E-07	-6.45E-08	-5.85E-08	-2.67E-08	-5.27E-08	-2.64E-09	-6.37E-08	-1.40E-08	-8.76E-09	-1.39E-08	-2.45E-09	-3.47E-09	-1.09E-07
544	474343.71, 3847880.61	1.96251	-2.48E-04	-1.16E-04	-2.29E-04	-8.59E-08	-2.60E-07	-1.50E-07	-7.02E-08	-6.37E-08	-2.90E-08	-5.74E-08	-2.87E-09	-6.93E-08	-1.53E-08	-9.53E-09	-1.51E-08	-2.67E-09	-3.78E-09	-1.19E-07
545	474343.71, 3847905.61	2.17822	-2.76E-04	-1.29E-04	-2.54E-04	-9.54E-08	-2.88E-07	-1.67E-07	-7.79E-08	-7.06E-08	-3.22E-08	-6.37E-08	-3.19E-09	-7.69E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.96E-09	-4.20E-09	-1.32E-07
546	474343.71, 3847930.61	2.46293	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.81E-08	-7.99E-08	-3.65E-08	-7.20E-08	-3.60E-09	-8.70E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
547	474343.71, 3847955.61	2.7369	-3.46E-04	-1.62E-04	-3.20E-04	-1.20E-07	-3.62E-07	-2.10E-07	-9.79E-08	-8.88E-08	-4.05E-08	-8.00E-08	-4.00E-09	-9.67E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.72E-09	-5.28E-09	-1.65E-07
548	474343.71, 3847980.61	3.02873	-3.83E-04	-1.79E-04	-3.54E-04	-1.33E-07	-4.00E-07	-2.32E-07	-1.08E-07	-9.82E-08	-4.48E-08	-8.85E-08	-4.43E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.84E-09	-1.83E-07
549	474343.71, 3848005.61	3.44193	-4.35E-04	-2.04E-04	-4.02E-04	-1.51E-07	-4.55E-07	-2.63E-07	-1.23E-07	-1.12E-07	-5.09E-08	-1.01E-07	-5.03E-09	-1.22E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.64E-09	-2.08E-07
550	474343.71, 3848030.61	3.92059	-4.96E-04	-2.32E-04	-4.58E-04	-1.72E-07	-5.18E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.80E-08	-1.15E-07	-5.73E-09	-1.38E-07	-3.06E-08	-1.90E-08	-3.02E-08	-5.32E-09	-7.56E-09	-2.37E-07
551	474343.71, 3848055.61	4.46936	-5.65E-04	-2.64E-04	-5.22E-04	-1.96E-07	-5.91E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.61E-08	-1.31E-07	-6.54E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.07E-09	-8.62E-09	-2.70E-07
552	474343.71, 3848080.61	5.06496	-6.41E-04	-3.00E-04	-5.91E-04	-2.22E-07	-6.70E-07	-3.88E-07	-1.81E-07	-1.64E-07	-7.50E-08	-1.48E-07	-7.41E-09	-1.79E-07	-3.95E-08	-2.46E-08	-3.90E-08	-6.88E-09	-9.76E-09	-3.06E-07
553	474343.71, 3848105.61	5.98984	-7.58E-04	-3.54E-04	-7.00E-04	-2.62E-07	-7.92E-07	-4.59E-07	-2.14E-07	-1.94E-07	-8.86E-08	-1.75E-07	-8.76E-09	-2.12E-07	-4.67E-08	-2.91E-08	-4.62E-08	-8.14E-09	-1.15E-08	-3.62E-07
554	474343.71, 3848130.61	7.22501	-9.14E-04	-4.27E-04	-8.44E-04	-3.16E-07	-9.55E-07	-5.53E-07	-2.59E-07	-2.34E-07	-1.07E-07	-2.11E-07	-1.06E-08	-2.55E-07	-5.63E-08	-3.51E-08	-5.57E-08	-9.81E-09	-1.39E-08	-4.37E-07
555	474343.71, 3848155.61	9.25195	-1.17E-03	-5.47E-04	-1.08E-03	-4.05E-07	-1.22E-06	-7.08E-07	-3.31E-07	-3.00E-07	-1.37E-07	-2.70E-07	-1.35E-08	-3.27E-07	-7.21E-08	-4.49E-08	-7.13E-08	-1.26E-08	-1.78E-08	-5.59E-07
556	474343.71, 3848180.61	11.11705	-1.41E-03	-6.57E-04	-1.30E-03	-4.87E-07	-1.47E-06	-8.51E-07	-3.98E-07	-3.61E-07	-1.65E-07	-3.25E-07	-1.63E-08	-3.93E-07	-8.67E-08	-5.40E-08	-8.57E-08	-1.51E-08	-2.14E-08	-6.72E-07
557	474368.71, 3847855.61	1.66471	-2.11E-04	-9.84E-05	-1.94E-04	-7.29E-08	-2.20E-07	-1.27E-07	-5.96E-08	-5.40E-08	-2.46E-08	-4.87E-08	-2.43E-09	-5.88E-08	-1.30E-08	-8.09E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
558	474368.71, 3847880.61	1.81221	-2.29E-04	-1.07E-04	-2.12E-04	-7.94E-08	-2.40E-07	-1.39E-07	-6.48E-08	-5.88E-08	-2.68E-08	-5.30E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.10E-07
559	474368.71, 3847905.61	2.0005	-2.53E-04	-1.18E-04	-2.34E-04	-8.76E-08	-2.65E-07	-1.53E-07	-7.16E-08	-6.49E-08	-2.96E-08	-5.85E-08	-2.93E-09	-7.07E-08	-1.56E-08	-9.72E-09	-1.54E-08	-2.72E-09	-3.86E-09	-1.21E-07
560	474368.71, 3847930.61	2.23657	-2.83E-04	-1.32E-04	-2.61E-04	-9.79E-08	-2.96E-07	-1.71E-07	-8.00E-08	-7.25E-08	-3.31E-08	-6.54E-08	-3.27E-09	-7.90E-08	-1.74E-08	-1.09E-08	-1.72E-08	-3.04E-09	-4.31E-09	-1.35E-07
561	474368.71, 3847955.61	2.41658	-3.06E-04	-1.43E-04	-2.82E-04	-1.06E-07	-3.20E-07	-1.85E-07	-8.65E-08	-7.84E-08	-3.58E-08	-7.06E-08	-3.53E-09	-8.54E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.28E-09	-4.66E-09	-1.46E-07
562	474368.71, 3847980.61	2.73195	-3.46E-04	-1.62E-04	-3.19E-04	-1.20E-07	-3.61E-07	-2.09E-07	-9.77E-08	-8.86E-08	-4.04E-08	-7.98E-08	-4.00E-09	-9.65E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.71E-09	-5.27E-09	-1.65E-07
563	474368.71, 3848005.61	3.08042	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.99E-08	-4.56E-08	-9.00E-08	-4.50E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.37E-08	-4.18E-09	-5.94E-09	-1.86E-07
564	474368.71, 3848030.61	3.4681	-4.39E-04	-2.05E-04	-4.05E-04	-1.52E-07	-4.59E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.13E-08	-1.01E-07	-5.07E-09	-1.23E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.71E-09	-6.69E-09	-2.10E-07
565	474368.71, 3848055.61	3.90845	-4.94E-04	-2.31E-04	-4.56E-04	-1.71E-07	-5.17E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.78E-08	-1.14E-07	-5.72E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.01E-08	-5.31E-09	-7.54E-09	-2.36E-07
566	474368.71, 3848080.61	4.35143	-5.51E-04	-2.57E-04	-5.08E-04	-1.91E-07	-5.75E-07	-3.33E-07	-1.56E-07	-1.41E-07	-6.44E-08	-1.27E-07	-6.36E-09	-1.54E-07	-3.39E-08	-2.11E-08	-3.35E-08	-5.91E-09	-8.39E-09	-2.63E-07
567	474368.71, 3848105.61	5.1829	-6.56E-04	-3.06E-04	-6.05E-04	-2.27E-07	-6.85E-07	-3.97E-07	-1.85E-07	-1.68E-07	-7.67E-08	-1.51E-07	-7.58E-09	-1.83E-07	-4.04E-08	-2.52E-08	-3.99E-08	-7.04E-09	-9.99E-09	-3.13E-07
568	474368.71, 3848130.61	6.23686	-7.89E-04	-3.69E-04	-7.28E-04	-2.73E-07	-8.25E-07	-4.77E-07	-2.23E-07	-2.02E-07	-9.23E-08	-1.82E-07	-9.12E-09	-2.20E-07	-4.86E-08	-3.03E-08	-4.81E-08	-8.47E-09	-1.20E-08	-3.77E-07
569	474368.71, 3848155.61	7.67414	-9.71E-04	-4.54E-04	-8.96E-04	-3.36E-07	-1.01E-06	-5.87E-07	-2.75E-07	-2.49E-07	-1.14E-07	-2.24E-07	-1.12E-08	-2.71E-07	-5.98E-08	-3.73E-08	-5.91E-08	-1.04E-08	-1.48E-08	-4.64E-07
570	474368.71, 3848180.61	9.45627	-1.20E-03	-5.59E-04	-1.10E-03	-4.14E-07	-1.25E-06	-7.24E-07	-3.38E-07	-3.07E-07	-1.40E-07	-2.76E-07	-1.38E-08	-3.34E-07	-7.37E-08	-4.59E-08	-7.29E-08	-1.28E-08	-1.82E-08	-5.71E-07
571	474368.71, 3848205.61	11.41358	-1.44E-03	-6.75E-04	-1.33E-03	-5.00E-07	-1.51E-06	-8.74E-07	-4.08E-07	-3.70E-07	-1.69E-07	-3.34E-07	-1.67E-08	-4.03E-07	-8.90E-08	-5.54E-08	-8.80E-08	-1.55E-08	-2.20E-08	-6.90E-07

572	474393.71, 3847880.61	1.71742	-2.17E-04	-1.02E-04	-2.01E-04	-7.52E-08	-2.27E-07	-1.31E-07	-6.14E-08	-5.57E-08	-2.54E-08	-5.02E-08	-2.51E-09	-6.07E-08	-1.34E-08	-8.34E-09	-1.32E-08	-2.33E-09	-3.31E-09	-1.04E-07
573	474393.71, 3847905.61	1.87924	-2.38E-04	-1.11E-04	-2.19E-04	-8.23E-08	-2.48E-07	-1.44E-07	-6.72E-08	-6.10E-08	-2.78E-08	-5.49E-08	-2.75E-09	-6.64E-08	-1.46E-08	-9.13E-09	-1.45E-08	-2.55E-09	-3.62E-09	-1.14E-07
574	474393.71, 3847930.61	2.06278	-2.61E-04	-1.22E-04	-2.41E-04	-9.03E-08	-2.73E-07	-1.58E-07	-7.38E-08	-6.69E-08	-3.05E-08	-6.03E-08	-3.02E-09	-7.29E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.98E-09	-1.25E-07
575	474393.71, 3847955.61	2.14031	-2.71E-04	-1.27E-04	-2.50E-04	-9.37E-08	-2.83E-07	-1.64E-07	-7.66E-08	-6.94E-08	-3.17E-08	-6.26E-08	-3.13E-09	-7.56E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.91E-09	-4.13E-09	-1.29E-07
576	474393.71, 3847980.61	2.35615	-2.98E-04	-1.39E-04	-2.75E-04	-1.03E-07	-3.12E-07	-1.80E-07	-8.43E-08	-7.64E-08	-3.49E-08	-6.89E-08	-3.45E-09	-8.32E-08	-1.84E-08	-1.14E-08	-1.82E-08	-3.20E-09	-4.54E-09	-1.42E-07
577	474393.71, 3848005.61	2.76446	-3.50E-04	-1.63E-04	-3.23E-04	-1.21E-07	-3.66E-07	-2.12E-07	-9.89E-08	-8.97E-08	-4.09E-08	-8.08E-08	-4.04E-09	-9.77E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.33E-09	-1.67E-07
578	474393.71, 3848030.61	3.207	-4.06E-04	-1.90E-04	-3.75E-04	-1.40E-07	-4.24E-07	-2.45E-07	-1.15E-07	-1.04E-07	-4.75E-08	-9.37E-08	-4.69E-09	-1.13E-07	-2.50E-08	-1.56E-08	-2.47E-08	-4.36E-09	-6.18E-09	-1.94E-07
579	474393.71, 3848055.61	3.55392	-4.50E-04	-2.10E-04	-4.15E-04	-1.56E-07	-4.70E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.26E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.85E-09	-2.15E-07
580	474393.71, 3848080.61	4.16088	-5.26E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.50E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.16E-08	-1.22E-07	-6.08E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.21E-08	-5.65E-09	-8.02E-09	-2.51E-07
581	474393.71, 3848105.61	4.71534	-5.97E-04	-2.79E-04	-5.51E-04	-2.07E-07	-6.24E-07	-3.61E-07	-1.69E-07	-1.53E-07	-6.98E-08	-1.38E-07	-6.90E-09	-1.67E-07	-3.68E-08	-2.29E-08	-3.63E-08	-6.40E-09	-9.09E-09	-2.85E-07
582	474393.71, 3848130.61	5.4636	-6.91E-04	-3.23E-04	-6.38E-04	-2.39E-07	-7.22E-07	-4.18E-07	-1.95E-07	-1.77E-07	-8.09E-08	-1.60E-07	-7.99E-09	-1.93E-07	-4.26E-08	-2.65E-08	-4.21E-08	-7.42E-09	-1.05E-08	-3.30E-07
583	474393.71, 3848155.61	6.35507	-8.04E-04	-3.76E-04	-7.42E-04	-2.78E-07	-8.40E-07	-4.86E-07	-2.27E-07	-2.06E-07	-9.41E-08	-1.86E-07	-9.29E-09	-2.24E-07	-4.95E-08	-3.09E-08	-4.90E-08	-8.63E-09	-1.23E-08	-3.84E-07
584	474393.71, 3848180.61	7.68404	-9.72E-04	-4.54E-04	-8.97E-04	-3.37E-07	-1.02E-06	-5.88E-07	-2.75E-07	-2.49E-07	-1.14E-07	-2.25E-07	-1.12E-08	-2.71E-07	-5.99E-08	-3.73E-08	-5.92E-08	-1.04E-08	-1.48E-08	-4.64E-07
585	474393.71, 3848205.61	9.63162	-1.22E-03	-5.70E-04	-1.12E-03	-4.22E-07	-1.27E-06	-7.37E-07	-3.45E-07	-3.12E-07	-1.43E-07	-2.82E-07	-1.41E-08	-3.40E-07	-7.51E-08	-4.68E-08	-7.42E-08	-1.31E-08	-1.86E-08	-5.82E-07
586	474393.71, 3848230.61	11.69565	-1.48E-03	-6.92E-04	-1.37E-03	-5.12E-07	-1.55E-06	-8.95E-07	-4.18E-07	-3.79E-07	-1.73E-07	-3.42E-07	-1.71E-08	-4.13E-07	-9.12E-08	-5.68E-08	-9.01E-08	-1.59E-08	-2.25E-08	-7.07E-07
587	474418.71, 3847905.61	1.7856	-2.26E-04	-1.06E-04	-2.09E-04	-7.82E-08	-2.36E-07	-1.37E-07	-6.39E-08	-5.79E-08	-2.64E-08	-5.22E-08	-2.61E-09	-6.31E-08	-1.39E-08	-8.67E-09	-1.38E-08	-2.43E-09	-3.44E-09	-1.08E-07
588	474418.71, 3847930.61	1.89029	-2.39E-04	-1.12E-04	-2.21E-04	-8.28E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.13E-08	-2.80E-08	-5.52E-08	-2.76E-09	-6.68E-08	-1.47E-08	-9.18E-09	-1.46E-08	-2.57E-09	-3.64E-09	-1.14E-07
589	474418.71, 3847955.61	1.9405	-2.45E-04	-1.15E-04	-2.27E-04	-8.50E-08	-2.57E-07	-1.49E-07	-6.94E-08	-6.29E-08	-2.87E-08	-5.67E-08	-2.84E-09	-6.85E-08	-1.51E-08	-9.43E-09	-1.50E-08	-2.64E-09	-3.74E-09	-1.17E-07
590	474418.71, 3847980.61	2.06943	-2.62E-04	-1.22E-04	-2.42E-04	-9.06E-08	-2.74E-07	-1.58E-07	-7.40E-08	-6.71E-08	-3.06E-08	-6.05E-08	-3.03E-09	-7.31E-08	-1.61E-08	-1.01E-08	-1.59E-08	-2.81E-09	-3.99E-09	-1.25E-07
591	474418.71, 3848005.61	2.42357	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.20E-07	-1.86E-07	-8.67E-08	-7.86E-08	-3.59E-08	-7.08E-08	-3.54E-09	-8.56E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.46E-07
592	474418.71, 3848030.61	2.86946	-3.63E-04	-1.70E-04	-3.35E-04	-1.26E-07	-3.79E-07	-2.20E-07	-1.03E-07	-9.31E-08	-4.25E-08	-8.39E-08	-4.20E-09	-1.01E-07	-2.24E-08	-1.39E-08	-2.21E-08	-3.90E-09	-5.53E-09	-1.73E-07
593	474418.71, 3848055.61	3.24094	-4.10E-04	-1.92E-04	-3.78E-04	-1.42E-07	-4.29E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.47E-08	-4.74E-09	-1.14E-07	-2.53E-08	-1.57E-08	-2.50E-08	-4.40E-09	-6.25E-09	-1.96E-07
594	474418.71, 3848080.61	3.58211	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.16E-07
595	474418.71, 3848105.61	4.11904	-5.21E-04	-2.44E-04	-4.81E-04	-1.80E-07	-5.45E-07	-3.15E-07	-1.47E-07	-1.34E-07	-6.10E-08	-1.20E-07	-6.02E-09	-1.46E-07	-3.21E-08	-2.00E-08	-3.17E-08	-5.59E-09	-7.94E-09	-2.49E-07
596	474418.71, 3848130.61	4.74153	-6.00E-04	-2.80E-04	-5.54E-04	-2.08E-07	-6.27E-07	-3.63E-07	-1.70E-07	-1.54E-07	-7.02E-08	-1.39E-07	-6.93E-09	-1.67E-07	-3.70E-08	-2.30E-08	-3.65E-08	-6.44E-09	-9.14E-09	-2.87E-07
597	474418.71, 3848155.61	5.51549	-6.98E-04	-3.26E-04	-6.44E-04	-2.42E-07	-7.29E-07	-4.22E-07	-1.97E-07	-1.79E-07	-8.16E-08	-1.61E-07	-8.07E-09	-1.95E-07	-4.30E-08	-2.68E-08	-4.25E-08	-7.49E-09	-1.06E-08	-3.33E-07
598	474418.71, 3848180.61	6.55499	-8.29E-04	-3.88E-04	-7.66E-04	-2.87E-07	-8.67E-07	-5.02E-07	-2.35E-07	-2.13E-07	-9.70E-08	-1.92E-07	-9.59E-09	-2.32E-07	-5.11E-08	-3.18E-08	-5.05E-08	-8.90E-09	-1.26E-08	-3.96E-07
599	474418.71, 3848205.61	8.23754	-1.04E-03	-4.87E-04	-9.62E-04	-3.61E-07	-1.09E-06	-6.31E-07	-2.95E-07	-2.67E-07	-1.22E-07	-2.41E-07	-1.20E-08	-2.91E-07	-6.42E-08	-4.00E-08	-6.35E-08	-1.12E-08	-1.59E-08	-4.98E-07
600	474418.71, 3848230.61	9.88448	-1.25E-03	-5.85E-04	-1.15E-03	-4.33E-07	-1.31E-06	-7.57E-07	-3.54E-07	-3.21E-07	-1.46E-07	-2.89E-07	-1.45E-08	-3.49E-07	-7.70E-08	-4.80E-08	-7.62E-08	-1.34E-08	-1.91E-08	-5.97E-07
601	474418.71, 3848255.61	11.99145	-1.52E-03	-7.09E-04	-1.40E-03	-5.25E-07	-1.59E-06	-9.18E-07	-4.29E-07	-3.89E-07	-1.77E-07	-3.50E-07	-1.75E-08	-4.24E-07	-9.35E-08	-5.83E-08	-9.24E-08	-1.63E-08	-2.31E-08	-7.25E-07
602	474443.71, 3847905.61	1.68664	-2.13E-04	-9.97E-05	-1.97E-04	-7.39E-08	-2.23E-07	-1.29E-07	-6.03E-08	-5.47E-08	-2.50E-08	-4.93E-08	-2.47E-09	-5.96E-08	-1.31E-08	-8.19E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
603	474443.71, 3847930.61	1.75459	-2.22E-04	-1.04E-04	-2.05E-04	-7.68E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.52E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
604	474443.71, 3847955.61	1.76607	-2.23E-04	-1.04E-04	-2.06E-04	-7.73E-08	-2.34E-07	-1.35E-07	-6.32E-08	-5.73E-08	-2.61E-08	-5.16E-08	-2.58E-09	-6.24E-08	-1.38E-08	-8.58E-09	-1.36E-08	-2.40E-09	-3.40E-09	-1.07E-07
605	474443.71, 3847980.61	1.9175	-2.43E-04	-1.13E-04	-2.24E-04	-8.40E-08	-2.54E-07	-1.47E-07	-6.86E-08	-6.22E-08	-2.84E-08	-5.60E-08	-2.80E-09	-6.77E-08	-1.49E-08	-9.32E-09	-1.48E-08	-2.60E-09	-3.70E-09	-1.16E-07
606	474443.71, 3848005.61	2.15691	-2.73E-04	-1.28E-04	-2.52E-04	-9.45E-08	-2.85E-07	-1.65E-07	-7.72E-08	-7.00E-08	-3.19E-08	-6.30E-08	-3.15E-09	-7.62E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.16E-09	-1.30E-07
607	474443.71, 3848030.61	2.50764	-3.17E-04	-1.48E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.97E-08	-8.13E-08	-3.71E-08	-7.33E-08	-3.67E-09	-8.86E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.41E-09	-4.83E-09	-1.52E-07
608	474443.71, 3848055.61	2.89661	-3.66E-04	-1.71E-04	-3.38E-04	-1.27E-07	-3.83E-07	-2.22E-07	-1.04E-07	-9.40E-08	-4.29E-08	-8.47E-08	-4.24E-09	-1.02E-07	-2.26E-08	-1.41E-08	-2.23E-08	-3.93E-09	-5.58E-09	-1.75E-07
609	474443.71, 3848080.61	3.24664	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
610	474443.71, 3848105.61	3.7336	-4.72E-04	-2.21E-04	-4.36E-04	-1.64E-07	-4.94E-07	-2.86E-07	-1.34E-07	-1.21E-07	-5.53E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.88E-08	-5.07E-09	-7.20E-09	-2.26E-07
611	474443.71, 3848130.61	4.29718	-5.44E-04	-2.54E-04	-5.02E-04	-1.88E-07	-5.68E-07	-3.29E-07	-1.54E-07	-1.39E-07	-6.36E-08	-1.26E-07	-6.28E-09	-1.52E-07	-3.35E-08	-2.09E-08	-3.31E-08	-5.84E-09	-8.28E-09	-2.60E-07
612	474443.71, 3848155.61	4.94219	-6.25E-04	-2.92E-04	-5.77E-04	-2.16E-07	-6.54E-07	-3.78E-07	-1.77E-07	-1.60E-07	-7.31E-08	-1.44E-07	-7.23E-09	-1.75E-07	-3.85E-08	-2.40E-08	-3.81E-08	-6.71E-09	-9.53E-09	-2.99E-07
613	474443.71, 3848180.61	5.77684	-7.31E-04	-3.42E-04	-6.75E-04	-2.53E-07	-7.64E-07	-4.42E-07	-2.07E-07	-1.87E-07	-8.55E-08	-1.69E-07	-8.45E-09	-2.04E-07	-4.50E-08	-2.81E-08	-4.45E-08	-7.85E-09	-1.11E-08	-3.49E-07
614	474443.71, 3848205.61	6.79078	-8.59E-04	-4.02E-04	-7.93E-04	-2.97E-07	-8.98E-07	-5.20E-07	-2.43E-07	-2.20E-07	-1.01E-07	-1.98E-07	-9.93E-09	-2.40E-07	-5.29E-08	-3.30E-08	-5.23E-08	-9.22E-09	-1.31E-08	-4.10E-07
615	474443.71, 3848230.61	8.52023	-1.08E-03	-5.04E-04	-9.95E-04	-3.73E-07	-1.13E-06	-6.52E-07	-3.05E-07	-2.76E-07	-1.26E-07	-2.49E-07	-1.25E-08	-3.01E-07	-6.64E-08	-4.14E-08	-6.57E-08	-1.16E-08	-1.64E-08	-5.15E-07
616	474443.71, 3848255.61	10.15343	-1.28E-03	-6.00E-04	-1.19E-03	-4.45E-07	-1.34E-06	-7.77E-07	-3.63E-07	-3.29E-07	-1.50E-07	-2.97E-07	-1.48E-08	-3.59E-07	-7.91E-08	-4.93E-08	-7.82E-08	-1.38E-08	-1.96E-08	-6.14E-07
617	474443.71, 3848280.61	12.31004	-1.56E-03	-7.28E-04	-1.44E-03	-5.39E-07	-1.63E-06	-9.42E-07	-4.40E-07	-3.99E-07	-1.82E-07	-3.60E-07	-1.80E-08	-4.35E-07	-9.60E-08	-5.98E-08	-9.49E-08	-1.67E-08	-2.37E-08	-7.44E-07
618	474468.71, 3847930.61	1.66631	-2.11E-04	-9.85E-05	-1.95E-04	-7.30E-08	-2.20E-07	-1.28E-07	-5.96E-08	-5.40E-08	-2.47E-08	-4.87E-08	-2.44E-09	-5.89E-08	-1.30E-08	-8.09E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
619	474468.71, 3847955.61	1.71312	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.27E-07	-1.31E-07	-6.13E-08	-5.56E-08	-2.54E-08	-5.01E-08	-2.51E-09	-6.05E-08	-1.34E-08	-8.32E-09	-1.32E-08	-2.33E-09	-3.30E-09	-1.04E-07
620	474468.71, 3847980.61	1.8535	-2.34E-04	-1.10E-04	-2.16E-04	-8.12E-08	-2.45E-07	-1.42E-07	-6.63E-08	-6.01E-08	-2.74E-08	-5.42E-08	-2.71E-09	-6.55E-08	-1.44E-08	-9.00E-09	-1.43E-08	-2.52E-09	-3.57E-09	-1.12E-07
621	474468.71, 3848005.61	2.04959	-2.59E-04	-1.21E-04	-2.39E-04	-8.98E-08	-2.71E-07	-1.57E-07	-7.33E-08	-6.65E-08	-3.03E-08	-5.99E-08	-3.00E-09	-7.24E-08	-1.60E-08	-9.96E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
622	474468.71, 3848030.61	2.306	-2.92E-04	-1.36E-04	-2.69E-04	-1.01E-07	-3.05E-07	-1.77E-07	-8.25E-08	-7.48E-08	-3.41E-08	-6.74E-08	-3.37E-09	-8.15E-08	-1.80E-08	-1.12E-08	-1.78E-08	-3.13E-09	-4.45E-09	-1.39E-07
623	474468.71, 3848055.61	2.63463	-3.33E-04	-1.56E-04	-3.08E-04	-1.15E-07	-3.48E-07	-2.02E-07	-9.43E-08	-8.55E-08	-3.90E-08	-7.70E-08	-3.85E-09	-9.31E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.58E-09	-5.08E-09	-1.59E-07
624	474468.71, 3848080.61	3.03326	-3.84E-04	-1.79E-04	-3.54E-04	-1.33E-07	-4.01E-07	-2.32E-07	-1.09E-07	-9.84E-08	-4.49E-08	-8.87E-08	-4.44E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.34E-08	-4.12E-09	-5.85E-09	-1.83E-07
625	474468.71, 3848105.61	3.31622	-4.20E-04	-1.96E-04	-3.87E-04	-1.45E-07	-4.39E-07	-2.54E-07	-1.19E-07	-1.08E-07	-4.91E-08	-9.69E-08	-4.85E-09	-1.17E-07	-2.58E-08	-1.61E-08	-2.56E-08	-4.50E-09	-6.39E-09	-2.00E-07
626	474468.71, 3848130.61	3.81965	-4.83E-04	-2.26E-04	-4.46E-04	-1.67E-07	-5.05E-07	-2.92E-07	-1.37E-07	-1.24E-07	-5.65E-08	-1.12E-07	-5.59E-09	-1.35E-07	-2.98E-08	-1.86E-08	-2.94E-08	-5.19E-09	-7.36E-09	-2.31E-07
627	474468.71, 3848155.61	4.4002	-5.57E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.57E-07	-1.43E-07	-6.51E-08	-1.29E-07	-6.43E-09	-1.55E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.98E-09	-8.48E-09	-2.66E-07
628	474468.71, 3848180.61	5.09537	-6.45E-04	-3.01E-04	-5.95E-04	-2.23E-07	-6.74E-07	-3.90E-07	-1.82E-07	-1.65E-07	-7.54E-08	-1.49E-07	-7.45E-09	-1.80E-07	-3.97E-08	-2.48E-08	-3.93E-08	-6.92E-09	-9.82E-09	-3.08E-07
629	474468.71, 3848205.61	5.92471	-7.50E-04	-3.50E-04	-6.92E-04	-2.59E-07	-7.83E-07	-4.54E-07	-2.12E-07	-1.92E-07	-8.77E-08	-1.73E-07	-8.66E-09	-2.09E-07	-4.62E-08	-2.88E-08	-4.57E-08	-8.05E-09	-1.14E-08	-3.58E-07
630	474468.71, 3848230.61	7.15334	-9.05E-04	-4.23E-04	-8.35E-04	-3.13E-07	-9.46E-07	-5.48E-07	-2.56E-07	-2.32E-07	-1.06E-07	-2.09E-07	-1.05E-08	-2.53E-07	-5.58E-08	-3.48E-08	-5.51E-08	-9.72E-09	-1.38E-08	-4.32E-07
631	474468.71, 3848255.61	8.72274	-1.10E-03	-5.16E-04	-1.02E-03	-3.82E-07	-1.15E-06	-6.68E-07	-3.12E-07	-2.83E-07	-1.29E-07	-2.55E-07	-1.28E-08	-3.08E-07	-6.80E-08	-4.24E-08	-6.72E-08	-1.18E-08	-1.68E-08	-5.27E-07
632	474468.71, 3848280.61	10.36385	-1.31E-03	-6.13E-04	-1.21E-03	-4.54E-07	-1.37E-06	-7.93E-07	-3.71E-07	-3.36E-07	-1.53E-07	-3.03E-07	-1.52E-08	-3.66E-07	-8.08E-08	-5.03E-08	-7.99E-08	-1.41E-08	-2.00E-08	-6.26E-07
633	474468.71, 3848305.61	12.68985	-1.61E-03	-7.50E-04	-1.48E-03	-5.56E-07	-1.68E-06	-9.71E-07	-4.54E-07	-4.12E-07	-1.88E-07	-3.71E-07	-1.86E-08	-4.48E-07	-9.89E-08	-6.16E-08	-9.78E-08	-1.72E-08	-2.45E-08	-7.67E-07
634	474493.71, 3847955.61	1.69501	-2.14E-04	-1.00E-04	-1.98E-04	-7.42E-08	-2.24E-07	-1.30E-07	-6.06E-08	-5.50E-08	-2.51E-08	-4.95E-08	-2.48E-09	-5.99E-08	-1.32E-08	-8.23E-09	-1.31E-08	-2.30E-09	-3.27E-09	-1.02E-07
635	474493.71, 3847980.61	1.81115	-2.29E-04	-1.07E-04	-2.12E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07

636	474493.71, 3848005.61	1.94464	-2.46E-04	-1.15E-04	-2.27E-04	-8.52E-08	-2.57E-07	-1.49E-07	-6.96E-08	-6.31E-08	-2.88E-08	-5.68E-08	-2.84E-09	-6.87E-08	-1.52E-08	-9.45E-09	-1.50E-08	-2.64E-09	-3.75E-09	-1.18E-07
637	474493.71, 3848030.61	2.11078	-2.67E-04	-1.25E-04	-2.47E-04	-9.24E-08	-2.79E-07	-1.62E-07	-7.55E-08	-6.85E-08	-3.12E-08	-6.17E-08	-3.09E-09	-7.46E-08	-1.65E-08	-1.03E-08	-1.63E-08	-2.87E-09	-4.07E-09	-1.28E-07
638	474493.71, 3848055.61	2.33815	-2.96E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.37E-08	-7.58E-08	-3.46E-08	-6.83E-08	-3.42E-09	-8.26E-08	-1.82E-08	-1.14E-08	-1.80E-08	-3.18E-09	-4.51E-09	-1.41E-07
639	474493.71, 3848080.61	2.69839	-3.41E-04	-1.60E-04	-3.15E-04	-1.18E-07	-3.57E-07	-2.07E-07	-9.65E-08	-8.75E-08	-3.99E-08	-7.89E-08	-3.95E-09	-9.53E-08	-2.10E-08	-1.31E-08	-2.08E-08	-3.66E-09	-5.20E-09	-1.63E-07
640	474493.71, 3848105.61	2.95399	-3.74E-04	-1.75E-04	-3.45E-04	-1.29E-07	-3.91E-07	-2.26E-07	-1.06E-07	-9.58E-08	-4.37E-08	-8.63E-08	-4.32E-09	-1.04E-07	-2.30E-08	-1.44E-08	-2.28E-08	-4.01E-09	-5.69E-09	-1.79E-07
641	474493.71, 3848130.61	3.4216	-4.33E-04	-2.02E-04	-4.00E-04	-1.50E-07	-4.52E-07	-2.62E-07	-1.22E-07	-1.11E-07	-5.06E-08	-1.00E-07	-5.00E-09	-1.21E-07	-2.67E-08	-1.66E-08	-2.64E-08	-4.65E-09	-6.60E-09	-2.07E-07
642	474493.71, 3848155.61	3.92852	-4.97E-04	-2.32E-04	-4.59E-04	-1.72E-07	-5.19E-07	-3.01E-07	-1.41E-07	-1.27E-07	-5.81E-08	-1.15E-07	-5.75E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.03E-08	-5.34E-09	-7.57E-09	-2.37E-07
643	474493.71, 3848180.61	4.51177	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.97E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
644	474493.71, 3848205.61	5.23049	-6.62E-04	-3.09E-04	-6.11E-04	-2.29E-07	-6.92E-07	-4.00E-07	-1.87E-07	-1.70E-07	-7.74E-08	-1.53E-07	-7.65E-09	-1.85E-07	-4.08E-08	-2.54E-08	-4.03E-08	-7.10E-09	-1.01E-08	-3.16E-07
645	474493.71, 3848230.61	6.08924	-7.70E-04	-3.60E-04	-7.11E-04	-2.67E-07	-8.05E-07	-4.66E-07	-2.18E-07	-1.98E-07	-9.01E-08	-1.78E-07	-8.91E-09	-2.15E-07	-4.75E-08	-2.96E-08	-4.69E-08	-8.27E-09	-1.17E-08	-3.68E-07
646	474493.71, 3848255.61	7.48878	-9.47E-04	-4.43E-04	-8.75E-04	-3.28E-07	-9.90E-07	-5.73E-07	-2.68E-07	-2.43E-07	-1.11E-07	-2.19E-07	-1.10E-08	-2.65E-07	-5.84E-08	-3.64E-08	-5.77E-08	-1.02E-08	-1.44E-08	-4.53E-07
647	474493.71, 3848280.61	8.99411	-1.14E-03	-5.32E-04	-1.05E-03	-3.94E-07	-1.19E-06	-6.88E-07	-3.22E-07	-2.92E-07	-1.33E-07	-2.63E-07	-1.32E-08	-3.18E-07	-7.01E-08	-4.37E-08	-6.93E-08	-1.22E-08	-1.73E-08	-5.44E-07
648	474493.71, 3848305.61	10.68727	-1.35E-03	-6.32E-04	-1.25E-03	-4.68E-07	-1.41E-06	-8.18E-07	-3.82E-07	-3.47E-07	-1.58E-07	-3.12E-07	-1.56E-08	-3.78E-07	-8.33E-08	-5.19E-08	-8.24E-08	-1.45E-08	-2.06E-08	-6.46E-07
649	474518.71, 3847980.61	1.74425	-2.21E-04	-1.03E-04	-2.04E-04	-7.64E-08	-2.31E-07	-1.34E-07	-6.24E-08	-5.66E-08	-2.58E-08	-5.10E-08	-2.55E-09	-6.16E-08	-1.36E-08	-8.47E-09	-1.34E-08	-2.37E-09	-3.36E-09	-1.05E-07
650	474518.71, 3848005.61	1.85295	-2.34E-04	-1.10E-04	-2.16E-04	-8.11E-08	-2.45E-07	-1.42E-07	-6.63E-08	-6.01E-08	-2.74E-08	-5.42E-08	-2.71E-09	-6.55E-08	-1.44E-08	-9.00E-09	-1.43E-08	-2.52E-09	-3.57E-09	-1.12E-07
651	474518.71, 3848030.61	1.98574	-2.51E-04	-1.17E-04	-2.32E-04	-8.70E-08	-2.63E-07	-1.52E-07	-7.11E-08	-6.44E-08	-2.94E-08	-5.80E-08	-2.90E-09	-7.01E-08	-1.55E-08	-9.65E-09	-1.53E-08	-2.70E-09	-3.83E-09	-1.20E-07
652	474518.71, 3848055.61	2.15317	-2.72E-04	-1.27E-04	-2.51E-04	-9.43E-08	-2.85E-07	-1.65E-07	-7.70E-08	-6.98E-08	-3.19E-08	-6.29E-08	-3.15E-09	-7.61E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
653	474518.71, 3848080.61	2.40846	-3.05E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.62E-08	-7.81E-08	-3.56E-08	-7.04E-08	-3.52E-09	-8.51E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.27E-09	-4.64E-09	-1.46E-07
654	474518.71, 3848105.61	2.69184	-3.41E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.56E-07	-2.06E-07	-9.63E-08	-8.73E-08	-3.98E-08	-7.87E-08	-3.94E-09	-9.51E-08	-2.10E-08	-1.31E-08	-2.07E-08	-3.66E-09	-5.19E-09	-1.63E-07
655	474518.71, 3848130.61	3.05099	-3.86E-04	-1.80E-04	-3.56E-04	-1.34E-07	-4.03E-07	-2.34E-07	-1.09E-07	-9.90E-08	-4.52E-08	-8.92E-08	-4.46E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.14E-09	-5.88E-09	-1.84E-07
656	474518.71, 3848155.61	3.53682	-4.47E-04	-2.09E-04	-4.13E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.23E-08	-1.03E-07	-5.17E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.80E-09	-6.82E-09	-2.14E-07
657	474518.71, 3848180.61	4.04169	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.45E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.91E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.49E-09	-7.79E-09	-2.44E-07
658	474518.71, 3848205.61	4.64674	-5.88E-04	-2.75E-04	-5.43E-04	-2.04E-07	-6.14E-07	-3.56E-07	-1.66E-07	-1.51E-07	-6.88E-08	-1.36E-07	-6.80E-09	-1.64E-07	-3.62E-08	-2.26E-08	-3.58E-08	-6.31E-09	-8.96E-09	-2.81E-07
659	474518.71, 3848230.61	5.43085	-6.87E-04	-3.21E-04	-6.34E-04	-2.38E-07	-7.18E-07	-4.16E-07	-1.94E-07	-1.76E-07	-8.04E-08	-1.59E-07	-7.94E-09	-1.92E-07	-4.23E-08	-2.64E-08	-4.19E-08	-7.38E-09	-1.05E-08	-3.28E-07
660	474518.71, 3848255.61	6.38777	-8.08E-04	-3.78E-04	-7.46E-04	-2.80E-07	-8.45E-07	-4.89E-07	-2.29E-07	-2.07E-07	-9.45E-08	-1.87E-07	-9.34E-09	-2.26E-07	-4.98E-08	-3.10E-08	-4.92E-08	-8.68E-09	-1.23E-08	-3.86E-07
661	474518.71, 3848280.61	7.8673	-9.95E-04	-4.65E-04	-9.19E-04	-3.45E-07	-1.04E-06	-6.02E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.13E-08	-3.82E-08	-6.06E-08	-1.07E-08	-1.52E-08	-4.75E-07
662	474518.71, 3848305.61	9.22634	-1.17E-03	-5.46E-04	-1.08E-03	-4.04E-07	-1.22E-06	-7.06E-07	-3.30E-07	-2.99E-07	-1.37E-07	-2.70E-07	-1.35E-08	-3.26E-07	-7.19E-08	-4.48E-08	-7.11E-08	-1.25E-08	-1.78E-08	-5.58E-07
663	474518.71, 3848330.61	10.94607	-1.38E-03	-6.47E-04	-1.28E-03	-4.79E-07	-1.45E-06	-8.38E-07	-3.92E-07	-3.55E-07	-1.62E-07	-3.20E-07	-1.60E-08	-3.87E-07	-8.53E-08	-5.32E-08	-8.44E-08	-1.49E-08	-2.11E-08	-6.62E-07
664	474543.71, 3848005.61	1.7835	-2.26E-04	-1.05E-04	-2.08E-04	-7.81E-08	-2.36E-07	-1.37E-07	-6.38E-08	-5.78E-08	-2.64E-08	-5.21E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.66E-09	-1.37E-08	-2.42E-09	-3.44E-09	-1.08E-07
665	474543.71, 3848030.61	1.88391	-2.38E-04	-1.11E-04	-2.20E-04	-8.25E-08	-2.49E-07	-1.44E-07	-6.74E-08	-6.11E-08	-2.79E-08	-5.51E-08	-2.76E-09	-6.65E-08	-1.47E-08	-9.15E-09	-1.45E-08	-2.56E-09	-3.63E-09	-1.14E-07
666	474543.71, 3848055.61	2.03426	-2.57E-04	-1.20E-04	-2.38E-04	-8.91E-08	-2.69E-07	-1.56E-07	-7.28E-08	-6.60E-08	-3.01E-08	-5.95E-08	-2.97E-09	-7.19E-08	-1.59E-08	-9.88E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
667	474543.71, 3848080.61	2.20796	-2.79E-04	-1.31E-04	-2.58E-04	-9.67E-08	-2.92E-07	-1.69E-07	-7.90E-08	-7.16E-08	-3.27E-08	-6.45E-08	-3.23E-09	-7.80E-08	-1.72E-08	-1.07E-08	-1.70E-08	-3.00E-09	-4.26E-09	-1.33E-07
668	474543.71, 3848105.61	2.46506	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.82E-08	-8.00E-08	-3.65E-08	-7.20E-08	-3.60E-09	-8.71E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
669	474543.71, 3848130.61	2.82757	-3.58E-04	-1.67E-04	-3.30E-04	-1.24E-07	-3.74E-07	-2.16E-07	-1.01E-07	-9.17E-08	-4.18E-08	-8.26E-08	-4.14E-09	-9.99E-08	-2.20E-08	-1.37E-08	-2.18E-08	-3.84E-09	-5.45E-09	-1.71E-07
670	474543.71, 3848155.61	3.2683	-4.13E-04	-1.93E-04	-3.82E-04	-1.43E-07	-4.32E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.84E-08	-9.55E-08	-4.78E-09	-1.15E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.44E-09	-6.30E-09	-1.98E-07
671	474543.71, 3848180.61	3.641	-4.61E-04	-2.15E-04	-4.25E-04	-1.59E-07	-4.81E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.39E-08	-1.06E-07	-5.32E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.02E-09	-2.20E-07
672	474543.71, 3848205.61	4.18814	-5.30E-04	-2.48E-04	-4.89E-04	-1.83E-07	-5.54E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.20E-08	-1.22E-07	-6.12E-09	-1.48E-07	-3.26E-08	-2.03E-08	-3.23E-08	-5.69E-09	-8.07E-09	-2.53E-07
673	474543.71, 3848230.61	4.83023	-6.11E-04	-2.86E-04	-5.64E-04	-2.12E-07	-6.39E-07	-3.70E-07	-1.73E-07	-1.57E-07	-7.15E-08	-1.41E-07	-7.06E-09	-1.71E-07	-3.77E-08	-2.35E-08	-3.72E-08	-6.56E-09	-9.31E-09	-2.92E-07
674	474543.71, 3848255.61	5.60801	-7.09E-04	-3.32E-04	-6.55E-04	-2.46E-07	-7.42E-07	-4.29E-07	-2.01E-07	-1.82E-07	-8.30E-08	-1.64E-07	-8.20E-09	-1.98E-07	-4.37E-08	-2.72E-08	-4.32E-08	-7.62E-09	-1.08E-08	-3.39E-07
675	474543.71, 3848280.61	6.6518	-8.42E-04	-3.93E-04	-7.77E-04	-2.91E-07	-8.80E-07	-5.09E-07	-2.38E-07	-2.16E-07	-9.84E-08	-1.94E-07	-9.73E-09	-2.35E-07	-5.19E-08	-3.23E-08	-5.13E-08	-9.03E-09	-1.28E-08	-4.02E-07
676	474543.71, 3848305.61	8.03577	-1.02E-03	-4.75E-04	-9.38E-04	-3.52E-07	-1.06E-06	-6.15E-07	-2.88E-07	-2.61E-07	-1.19E-07	-2.35E-07	-1.18E-08	-2.84E-07	-6.26E-08	-3.90E-08	-6.19E-08	-1.09E-08	-1.55E-08	-4.86E-07
677	474543.71, 3848330.61	9.41273	-1.19E-03	-5.57E-04	-1.10E-03	-4.12E-07	-1.24E-06	-7.21E-07	-3.37E-07	-3.05E-07	-1.39E-07	-2.75E-07	-1.38E-08	-3.33E-07	-7.34E-08	-4.57E-08	-7.25E-08	-1.28E-08	-1.81E-08	-5.69E-07
678	474543.71, 3848355.61	11.19808	-1.42E-03	-6.62E-04	-1.31E-03	-4.90E-07	-1.48E-06	-8.57E-07	-4.01E-07	-3.63E-07	-1.66E-07	-3.27E-07	-1.64E-08	-3.96E-07	-8.73E-08	-5.44E-08	-8.63E-08	-1.52E-08	-2.16E-08	-6.77E-07
679	474568.71, 3848030.61	1.82112	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
680	474568.71, 3848055.61	1.92066	-2.43E-04	-1.14E-04	-2.24E-04	-8.41E-08	-2.54E-07	-1.47E-07	-6.87E-08	-6.23E-08	-2.84E-08	-5.61E-08	-2.81E-09	-6.78E-08	-1.50E-08	-9.33E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
681	474568.71, 3848080.61	2.07237	-2.62E-04	-1.23E-04	-2.42E-04	-9.08E-08	-2.74E-07	-1.59E-07	-7.41E-08	-6.72E-08	-3.07E-08	-6.06E-08	-3.03E-09	-7.32E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.81E-09	-4.00E-09	-1.25E-07
682	474568.71, 3848105.61	2.32631	-2.94E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.32E-08	-7.55E-08	-3.44E-08	-6.80E-08	-3.40E-09	-8.22E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.48E-09	-1.41E-07
683	474568.71, 3848130.61	2.59371	-3.28E-04	-1.53E-04	-3.03E-04	-1.14E-07	-3.43E-07	-1.99E-07	-9.28E-08	-8.41E-08	-3.84E-08	-7.58E-08	-3.79E-09	-9.16E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-5.00E-09	-1.57E-07
684	474568.71, 3848155.61	2.91138	-3.68E-04	-1.72E-04	-3.40E-04	-1.28E-07	-3.85E-07	-2.23E-07	-1.04E-07	-9.44E-08	-4.31E-08	-8.51E-08	-4.26E-09	-1.03E-07	-2.27E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.61E-09	-1.76E-07
685	474568.71, 3848180.61	3.302	-4.18E-04	-1.95E-04	-3.86E-04	-1.45E-07	-4.37E-07	-2.53E-07	-1.18E-07	-1.07E-07	-4.89E-08	-9.65E-08	-4.83E-09	-1.17E-07	-2.57E-08	-1.60E-08	-2.54E-08	-4.48E-09	-6.37E-09	-2.00E-07
686	474568.71, 3848205.61	3.76175	-4.76E-04	-2.22E-04	-4.39E-04	-1.65E-07	-4.97E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.50E-09	-1.33E-07	-2.93E-08	-1.83E-08	-2.90E-08	-5.11E-09	-7.25E-09	-2.27E-07
687	474568.71, 3848230.61	4.32534	-5.47E-04	-2.56E-04	-5.05E-04	-1.89E-07	-5.72E-07	-3.31E-07	-1.55E-07	-1.40E-07	-6.40E-08	-1.26E-07	-6.33E-09	-1.53E-07	-3.37E-08	-2.10E-08	-3.33E-08	-5.87E-09	-8.34E-09	-2.61E-07
688	474568.71, 3848255.61	4.98421	-6.31E-04	-2.95E-04	-5.82E-04	-2.18E-07	-6.59E-07	-3.82E-07	-1.78E-07	-1.62E-07	-7.38E-08	-1.46E-07	-7.29E-09	-1.76E-07	-3.89E-08	-2.42E-08	-3.84E-08	-6.77E-09	-9.61E-09	-3.01E-07
689	474568.71, 3848280.61	5.74722	-7.27E-04	-3.40E-04	-6.71E-04	-2.52E-07	-7.60E-07	-4.40E-07	-2.06E-07	-1.86E-07	-8.51E-08	-1.68E-07	-8.40E-09	-2.03E-07	-4.48E-08	-2.79E-08	-4.43E-08	-7.81E-09	-1.11E-08	-3.47E-07
690	474568.71, 3848305.61	6.88388	-8.71E-04	-4.07E-04	-8.04E-04	-3.01E-07	-9.10E-07	-5.27E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.43E-07	-5.37E-08	-3.34E-08	-5.31E-08	-9.35E-09	-1.33E-08	-4.16E-07
691	474568.71, 3848330.61	8.20932	-1.04E-03	-4.85E-04	-9.59E-04	-3.60E-07	-1.09E-06	-6.28E-07	-2.94E-07	-2.66E-07	-1.21E-07	-2.40E-07	-1.20E-08	-2.90E-07	-6.40E-08	-3.99E-08	-6.33E-08	-1.11E-08	-1.58E-08	-4.96E-07
692	474568.71, 3848355.61	9.58765	-1.21E-03	-5.67E-04	-1.12E-03	-4.20E-07	-1.27E-06	-7.34E-07	-3.43E-07	-3.11E-07	-1.42E-07	-2.80E-07	-1.40E-08	-3.39E-07	-7.47E-08	-4.66E-08	-7.39E-08	-1.30E-08	-1.85E-08	-5.79E-07
693	474568.71, 3848380.61	11.47039	-1.45E-03	-6.78E-04	-1.34E-03	-5.02E-07	-1.52E-06	-8.78E-07	-4.10E-07	-3.72E-07	-1.70E-07	-3.35E-07	-1.68E-08	-4.05E-07	-8.94E-08	-5.57E-08	-8.84E-08	-1.56E-08	-2.21E-08	-6.93E-07
694	474593.71, 3848055.61	1.82023	-2.30E-04	-1.08E-04	-2.13E-04	-7.97E-08	-2.41E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
695	474593.71, 3848080.61	1.9592	-2.48E-04	-1.16E-04	-2.29E-04	-8.58E-08	-2.59E-07	-1.50E-07	-7.01E-08	-6.35E-08	-2.90E-08	-5.73E-08	-2.87E-09	-6.92E-08	-1.53E-08	-9.52E-09	-1.51E-08	-2.66E-09	-3.78E-09	-1.18E-07
696	474593.71, 3848105.61	2.1632	-2.74E-04	-1.28E-04	-2.53E-04	-9.47E-08	-2.86E-07	-1.66E-07	-7.74E-08	-7.02E-08	-3.20E-08	-6.32E-08	-3.16E-09	-7.64E-08	-1.69E-08	-1.05E-08	-1.67E-08	-2.94E-09	-4.17E-09	-1.31E-07
697	474593.71, 3848130.61	2.33953	-2.96E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.37E-08	-7.59E-08	-3.46E-08	-6.84E-08	-3.42E-09	-8.26E-08	-1.82E-08	-1.14E-08	-1.80E-08	-3.18E-09	-4.51E-09	-1.41E-07
698	474593.71, 3848155.61	2.6146	-3.31E-04	-1.55E-04	-3.05E-04	-1.15E-07	-3.46E-07	-2.00E-07	-9.36E-08	-8.48E-08	-3.87E-08	-7.64E-08	-3.82E-09	-9.24E-08	-2.04E-08	-1.27E-08	-2.01E-08	-3.55E-09	-5.04E-09	-1.58E-07
699	474593.71, 3848180.61	2.94698	-3.73E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.90E-07	-2.26E-07	-1.05E-07	-9.56E-08	-4.36E-08	-8.61E-08	-4.31E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.68E-09	-1.78E-07

700	474593.71, 3848205.61	3.33264	-4.22E-04	-1.97E-04	-3.89E-04	-1.46E-07	-4.41E-07	-2.55E-07	-1.19E-07	-1.08E-07	-4.93E-08	-9.74E-08	-4.87E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.53E-09	-6.42E-09	-2.01E-07
701	474593.71, 3848230.61	3.85929	-4.88E-04	-2.28E-04	-4.51E-04	-1.69E-07	-5.10E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.71E-08	-1.13E-07	-5.64E-09	-1.36E-07	-3.01E-08	-1.87E-08	-2.97E-08	-5.24E-09	-7.44E-09	-2.33E-07
702	474593.71, 3848255.61	4.4096	-5.58E-04	-2.61E-04	-5.15E-04	-1.93E-07	-5.83E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.53E-08	-1.29E-07	-6.45E-09	-1.56E-07	-3.44E-08	-2.14E-08	-3.40E-08	-5.99E-09	-8.50E-09	-2.66E-07
703	474593.71, 3848280.61	5.06299	-6.41E-04	-2.99E-04	-5.91E-04	-2.22E-07	-6.69E-07	-3.88E-07	-1.81E-07	-1.64E-07	-7.49E-08	-1.48E-07	-7.40E-09	-1.79E-07	-3.95E-08	-2.46E-08	-3.90E-08	-6.88E-09	-9.76E-09	-3.06E-07
704	474593.71, 3848305.61	5.8155	-7.36E-04	-3.44E-04	-6.79E-04	-2.55E-07	-7.69E-07	-4.45E-07	-2.08E-07	-1.89E-07	-8.61E-08	-1.70E-07	-8.50E-09	-2.05E-07	-4.53E-08	-2.83E-08	-4.48E-08	-7.90E-09	-1.12E-08	-3.51E-07
705	474593.71, 3848330.61	7.00187	-8.86E-04	-4.14E-04	-8.18E-04	-3.07E-07	-9.26E-07	-5.36E-07	-2.51E-07	-2.27E-07	-1.04E-07	-2.05E-07	-1.02E-08	-2.47E-07	-5.46E-08	-3.40E-08	-5.40E-08	-9.51E-09	-1.35E-08	-4.23E-07
706	474593.71, 3848355.61	8.36221	-1.06E-03	-4.94E-04	-9.77E-04	-3.66E-07	-1.11E-06	-6.40E-07	-2.99E-07	-2.71E-07	-1.24E-07	-2.44E-07	-1.22E-08	-2.95E-07	-6.52E-08	-4.06E-08	-6.44E-08	-1.14E-08	-1.61E-08	-5.05E-07
707	474593.71, 3848380.61	9.79684	-1.24E-03	-5.79E-04	-1.14E-03	-4.29E-07	-1.30E-06	-7.50E-07	-3.51E-07	-3.18E-07	-1.45E-07	-2.86E-07	-1.43E-08	-3.46E-07	-7.64E-08	-4.76E-08	-7.55E-08	-1.33E-08	-1.89E-08	-5.92E-07
708	474593.71, 3848405.61	11.76747	-1.49E-03	-6.96E-04	-1.37E-03	-5.15E-07	-1.56E-06	-9.01E-07	-4.21E-07	-3.82E-07	-1.74E-07	-3.44E-07	-1.72E-08	-4.16E-07	-9.17E-08	-5.72E-08	-9.07E-08	-1.60E-08	-2.27E-08	-7.11E-07
709	474618.71, 3848055.61	1.76802	-2.24E-04	-1.05E-04	-2.06E-04	-7.74E-08	-2.34E-07	-1.35E-07	-6.33E-08	-5.73E-08	-2.62E-08	-5.17E-08	-2.59E-09	-6.25E-08	-1.38E-08	-8.59E-09	-1.36E-08	-2.40E-09	-3.41E-09	-1.07E-07
710	474618.71, 3848080.61	1.84972	-2.34E-04	-1.09E-04	-2.16E-04	-8.10E-08	-2.45E-07	-1.42E-07	-6.62E-08	-6.00E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.53E-08	-1.44E-08	-8.99E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
711	474618.71, 3848105.61	1.97026	-2.49E-04	-1.17E-04	-2.30E-04	-8.63E-08	-2.61E-07	-1.51E-07	-7.05E-08	-6.39E-08	-2.92E-08	-5.76E-08	-2.88E-09	-6.96E-08	-1.54E-08	-9.57E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
712	474618.71, 3848130.61	2.14486	-2.71E-04	-1.27E-04	-2.50E-04	-9.39E-08	-2.84E-07	-1.64E-07	-7.67E-08	-6.96E-08	-3.17E-08	-6.27E-08	-3.14E-09	-7.58E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.91E-09	-4.14E-09	-1.30E-07
713	474618.71, 3848155.61	2.37611	-3.01E-04	-1.41E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.71E-08	-3.52E-08	-6.94E-08	-3.47E-09	-8.39E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
714	474618.71, 3848180.61	2.6633	-3.37E-04	-1.57E-04	-3.11E-04	-1.17E-07	-3.52E-07	-2.04E-07	-9.53E-08	-8.64E-08	-3.94E-08	-7.78E-08	-3.89E-09	-9.41E-08	-2.08E-08	-1.29E-08	-2.05E-08	-3.62E-09	-5.13E-09	-1.61E-07
715	474618.71, 3848205.61	2.9952	-3.79E-04	-1.77E-04	-3.50E-04	-1.31E-07	-3.96E-07	-2.29E-07	-1.07E-07	-9.71E-08	-4.43E-08	-8.75E-08	-4.38E-09	-1.06E-07	-2.33E-08	-1.46E-08	-2.31E-08	-4.07E-09	-5.77E-09	-1.81E-07
716	474618.71, 3848230.61	3.43462	-4.35E-04	-2.03E-04	-4.01E-04	-1.50E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.08E-08	-1.00E-07	-5.02E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.66E-09	-6.62E-09	-2.08E-07
717	474618.71, 3848255.61	3.89989	-4.93E-04	-2.31E-04	-4.55E-04	-1.71E-07	-5.16E-07	-2.99E-07	-1.40E-07	-1.26E-07	-5.77E-08	-1.14E-07	-5.70E-09	-1.38E-07	-3.04E-08	-1.89E-08	-3.01E-08	-5.30E-09	-7.52E-09	-2.36E-07
718	474618.71, 3848280.61	4.47933	-5.67E-04	-2.65E-04	-5.23E-04	-1.96E-07	-5.92E-07	-3.43E-07	-1.60E-07	-1.45E-07	-6.63E-08	-1.31E-07	-6.55E-09	-1.58E-07	-3.49E-08	-2.18E-08	-3.45E-08	-6.08E-09	-8.64E-09	-2.71E-07
719	474618.71, 3848305.61	5.12327	-6.48E-04	-3.03E-04	-5.98E-04	-2.24E-07	-6.77E-07	-3.92E-07	-1.83E-07	-1.66E-07	-7.58E-08	-1.50E-07	-7.49E-09	-1.81E-07	-3.99E-08	-2.49E-08	-3.95E-08	-6.96E-09	-9.88E-09	-3.10E-07
720	474618.71, 3848330.61	5.90535	-7.47E-04	-3.49E-04	-6.90E-04	-2.59E-07	-7.81E-07	-4.52E-07	-2.11E-07	-1.92E-07	-8.74E-08	-1.73E-07	-8.64E-09	-2.09E-07	-4.60E-08	-2.87E-08	-4.55E-08	-8.02E-09	-1.14E-08	-3.57E-07
721	474618.71, 3848355.61	7.17548	-9.08E-04	-4.24E-04	-8.38E-04	-3.14E-07	-9.49E-07	-5.49E-07	-2.57E-07	-2.33E-07	-1.06E-07	-2.10E-07	-1.05E-08	-2.53E-07	-5.59E-08	-3.49E-08	-5.53E-08	-9.75E-09	-1.38E-08	-4.34E-07
722	474618.71, 3848380.61	8.54619	-1.08E-03	-5.05E-04	-9.98E-04	-3.74E-07	-1.13E-06	-6.54E-07	-3.06E-07	-2.77E-07	-1.26E-07	-2.50E-07	-1.25E-08	-3.02E-07	-6.66E-08	-4.15E-08	-6.59E-08	-1.16E-08	-1.65E-08	-5.16E-07
723	474618.71, 3848405.61	10.02562	-1.27E-03	-5.93E-04	-1.17E-03	-4.39E-07	-1.33E-06	-7.67E-07	-3.59E-07	-3.25E-07	-1.48E-07	-2.93E-07	-1.47E-08	-3.54E-07	-7.81E-08	-4.87E-08	-7.73E-08	-1.36E-08	-1.93E-08	-6.06E-07
724	474618.71, 3848430.61	12.07619	-1.53E-03	-7.14E-04	-1.41E-03	-5.29E-07	-1.60E-06	-9.24E-07	-4.32E-07	-3.92E-07	-1.79E-07	-3.53E-07	-1.77E-08	-4.27E-07	-9.41E-08	-5.87E-08	-9.31E-08	-1.64E-08	-2.33E-08	-7.30E-07
725	474643.71, 3848080.61	1.77474	-2.25E-04	-1.05E-04	-2.07E-04	-7.77E-08	-2.35E-07	-1.36E-07	-6.35E-08	-5.76E-08	-2.63E-08	-5.19E-08	-2.60E-09	-6.27E-08	-1.38E-08	-8.62E-09	-1.37E-08	-2.41E-09	-3.42E-09	-1.07E-07
726	474643.71, 3848105.61	1.85828	-2.35E-04	-1.10E-04	-2.17E-04	-8.14E-08	-2.46E-07	-1.42E-07	-6.65E-08	-6.03E-08	-2.75E-08	-5.43E-08	-2.72E-09	-6.56E-08	-1.45E-08	-9.03E-09	-1.43E-08	-2.52E-09	-3.58E-09	-1.12E-07
727	474643.71, 3848130.61	1.98504	-2.51E-04	-1.17E-04	-2.32E-04	-8.69E-08	-2.62E-07	-1.52E-07	-7.10E-08	-6.44E-08	-2.94E-08	-5.80E-08	-2.90E-09	-7.01E-08	-1.55E-08	-9.64E-09	-1.53E-08	-2.70E-09	-3.83E-09	-1.20E-07
728	474643.71, 3848155.61	2.15739	-2.73E-04	-1.28E-04	-2.52E-04	-9.45E-08	-2.85E-07	-1.65E-07	-7.72E-08	-7.00E-08	-3.19E-08	-6.31E-08	-3.16E-09	-7.62E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.16E-09	-1.30E-07
729	474643.71, 3848180.61	2.39655	-3.03E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.83E-07	-8.57E-08	-7.77E-08	-3.55E-08	-7.00E-08	-3.50E-09	-8.47E-08	-1.87E-08	-1.16E-08	-1.85E-08	-3.25E-09	-4.62E-09	-1.45E-07
730	474643.71, 3848205.61	2.73278	-3.46E-04	-1.62E-04	-3.19E-04	-1.20E-07	-3.61E-07	-2.09E-07	-9.78E-08	-8.86E-08	-4.04E-08	-7.99E-08	-4.00E-09	-9.65E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.71E-09	-5.27E-09	-1.65E-07
731	474643.71, 3848230.61	3.08463	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.08E-07	-2.36E-07	-1.10E-07	-1.00E-07	-4.57E-08	-9.02E-08	-4.51E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.38E-08	-4.19E-09	-5.95E-09	-1.86E-07
732	474643.71, 3848255.61	3.46025	-4.38E-04	-2.05E-04	-4.04E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.12E-08	-1.01E-07	-5.06E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.67E-09	-2.09E-07
733	474643.71, 3848280.61	3.96963	-5.02E-04	-2.35E-04	-4.64E-04	-1.74E-07	-5.25E-07	-3.04E-07	-1.42E-07	-1.29E-07	-5.87E-08	-1.16E-07	-5.81E-09	-1.40E-07	-3.09E-08	-1.93E-08	-3.06E-08	-5.39E-09	-7.65E-09	-2.40E-07
734	474643.71, 3848305.61	4.54231	-5.75E-04	-2.69E-04	-5.30E-04	-1.99E-07	-6.01E-07	-3.48E-07	-1.63E-07	-1.47E-07	-6.72E-08	-1.33E-07	-6.64E-09	-1.60E-07	-3.54E-08	-2.21E-08	-3.50E-08	-6.17E-09	-8.76E-09	-2.75E-07
735	474643.71, 3848330.61	5.22487	-6.61E-04	-3.09E-04	-6.10E-04	-2.29E-07	-6.91E-07	-4.00E-07	-1.87E-07	-1.69E-07	-7.73E-08	-1.53E-07	-7.64E-09	-1.85E-07	-4.07E-08	-2.54E-08	-4.03E-08	-7.10E-09	-1.01E-08	-3.16E-07
736	474643.71, 3848355.61	6.10258	-7.72E-04	-3.61E-04	-7.13E-04	-2.67E-07	-8.07E-07	-4.67E-07	-2.18E-07	-1.98E-07	-9.03E-08	-1.78E-07	-8.92E-09	-2.16E-07	-4.76E-08	-2.96E-08	-4.70E-08	-8.29E-09	-1.18E-08	-3.69E-07
737	474643.71, 3848380.61	7.46012	-9.44E-04	-4.41E-04	-8.71E-04	-3.27E-07	-9.86E-07	-5.71E-07	-2.67E-07	-2.42E-07	-1.10E-07	-2.18E-07	-1.09E-08	-2.64E-07	-5.82E-08	-3.62E-08	-5.75E-08	-1.01E-08	-1.44E-08	-4.51E-07
738	474643.71, 3848405.61	8.72814	-1.10E-03	-5.16E-04	-1.02E-03	-3.82E-07	-1.15E-06	-6.68E-07	-3.12E-07	-2.83E-07	-1.29E-07	-2.55E-07	-1.28E-08	-3.08E-07	-6.80E-08	-4.24E-08	-6.73E-08	-1.19E-08	-1.68E-08	-5.27E-07
739	474643.71, 3848430.61	10.25629	-1.30E-03	-6.06E-04	-1.20E-03	-4.49E-07	-1.36E-06	-7.85E-07	-3.67E-07	-3.33E-07	-1.52E-07	-3.00E-07	-1.50E-08	-3.62E-07	-7.99E-08	-4.98E-08	-7.90E-08	-1.39E-08	-1.98E-08	-6.20E-07
740	474643.71, 3848455.61	12.39606	-1.57E-03	-7.33E-04	-1.45E-03	-5.43E-07	-1.64E-06	-9.49E-07	-4.44E-07	-4.02E-07	-1.83E-07	-3.62E-07	-1.81E-08	-4.38E-07	-9.66E-08	-6.02E-08	-9.55E-08	-1.68E-08	-2.39E-08	-7.49E-07
741	474668.71, 3848105.61	1.82228	-2.31E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.33E-08	-2.66E-09	-6.44E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.48E-09	-3.51E-09	-1.10E-07
742	474668.71, 3848130.61	1.8914	-2.39E-04	-1.12E-04	-2.21E-04	-8.28E-08	-2.50E-07	-1.45E-07	-6.77E-08	-6.13E-08	-2.80E-08	-5.53E-08	-2.77E-09	-6.68E-08	-1.47E-08	-9.19E-09	-1.46E-08	-2.57E-09	-3.65E-09	-1.14E-07
743	474668.71, 3848155.61	1.99831	-2.53E-04	-1.18E-04	-2.33E-04	-8.75E-08	-2.64E-07	-1.53E-07	-7.15E-08	-6.48E-08	-2.96E-08	-5.84E-08	-2.92E-09	-7.06E-08	-1.56E-08	-9.71E-09	-1.54E-08	-2.71E-09	-3.85E-09	-1.21E-07
744	474668.71, 3848180.61	2.17535	-2.75E-04	-1.29E-04	-2.54E-04	-9.53E-08	-2.88E-07	-1.67E-07	-7.78E-08	-7.06E-08	-3.22E-08	-6.36E-08	-3.18E-09	-7.68E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.95E-09	-4.19E-09	-1.31E-07
745	474668.71, 3848205.61	2.47717	-3.13E-04	-1.46E-04	-2.89E-04	-1.08E-07	-3.28E-07	-1.90E-07	-8.86E-08	-8.03E-08	-3.67E-08	-7.24E-08	-3.62E-09	-8.75E-08	-1.93E-08	-1.20E-08	-1.91E-08	-3.36E-09	-4.78E-09	-1.50E-07
746	474668.71, 3848230.61	2.76732	-3.50E-04	-1.64E-04	-3.23E-04	-1.21E-07	-3.66E-07	-2.12E-07	-9.90E-08	-8.98E-08	-4.10E-08	-8.09E-08	-4.05E-09	-9.78E-08	-2.16E-08	-1.34E-08	-2.13E-08	-3.76E-09	-5.34E-09	-1.67E-07
747	474668.71, 3848255.61	3.14666	-3.98E-04	-1.86E-04	-3.67E-04	-1.38E-07	-4.16E-07	-2.41E-07	-1.13E-07	-1.02E-07	-4.66E-08	-9.20E-08	-4.60E-09	-1.11E-07	-2.45E-08	-1.53E-08	-2.42E-08	-4.27E-09	-6.07E-09	-1.90E-07
748	474668.71, 3848280.61	3.54601	-4.49E-04	-2.10E-04	-4.14E-04	-1.55E-07	-4.69E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.25E-08	-1.04E-07	-5.19E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.82E-09	-6.84E-09	-2.14E-07
749	474668.71, 3848305.61	4.00879	-5.07E-04	-2.37E-04	-4.68E-04	-1.76E-07	-5.30E-07	-3.07E-07	-1.43E-07	-1.30E-07	-5.93E-08	-1.17E-07	-5.86E-09	-1.42E-07	-3.12E-08	-1.95E-08	-3.09E-08	-5.44E-09	-7.73E-09	-2.42E-07
750	474668.71, 3848330.61	4.63231	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.13E-07	-3.55E-07	-1.66E-07	-1.50E-07	-6.86E-08	-1.35E-07	-6.77E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.29E-09	-8.93E-09	-2.80E-07
751	474668.71, 3848355.61	5.3766	-6.80E-04	-3.18E-04	-6.28E-04	-2.35E-07	-7.11E-07	-4.12E-07	-1.92E-07	-1.74E-07	-7.96E-08	-1.57E-07	-7.86E-09	-1.90E-07	-4.19E-08	-2.61E-08	-4.14E-08	-7.30E-09	-1.04E-08	-3.25E-07
752	474668.71, 3848380.61	6.34628	-8.03E-04	-3.75E-04	-7.41E-04	-2.78E-07	-8.39E-07	-4.86E-07	-2.27E-07	-2.06E-07	-9.39E-08	-1.85E-07	-9.28E-09	-2.24E-07	-4.95E-08	-3.08E-08	-4.89E-08	-8.62E-09	-1.22E-08	-3.84E-07
753	474668.71, 3848405.61	7.66053	-9.69E-04	-4.53E-04	-8.95E-04	-3.35E-07	-1.01E-06	-5.86E-07	-2.74E-07	-2.48E-07	-1.13E-07	-2.24E-07	-1.12E-08	-2.71E-07	-5.97E-08	-3.72E-08	-5.90E-08	-1.04E-08	-1.48E-08	-4.63E-07
754	474668.71, 3848430.61	8.92362	-1.13E-03	-5.28E-04	-1.04E-03	-3.91E-07	-1.18E-06	-6.83E-07	-3.19E-07	-2.89E-07	-1.32E-07	-2.61E-07	-1.31E-08	-3.15E-07	-6.96E-08	-4.34E-08	-6.88E-08	-1.21E-08	-1.72E-08	-5.39E-07
755	474668.71, 3848455.61	10.50046	-1.33E-03	-6.21E-04	-1.23E-03	-4.60E-07	-1.39E-06	-8.04E-07	-3.76E-07	-3.41E-07	-1.55E-07	-3.07E-07	-1.54E-08	-3.71E-07	-8.19E-08	-5.10E-08	-8.09E-08	-1.43E-08	-2.02E-08	-6.35E-07
756	474668.71, 3848480.61	12.67723	-1.60E-03	-7.50E-04	-1.48E-03	-5.55E-07	-1.68E-06	-9.70E-07	-4.54E-07	-4.11E-07	-1.88E-07	-3.71E-07	-1.85E-08	-4.48E-07	-9.88E-08	-6.16E-08	-9.77E-08	-1.72E-08	-2.44E-08	-7.66E-07
757	474693.71, 3848130.61	1.86597	-2.36E-04	-1.10E-04	-2.18E-04	-8.17E-08	-2.47E-07	-1.43E-07	-6.68E-08	-6.05E-08	-2.76E-08	-5.45E-08	-2.73E-09	-6.59E-08	-1.45E-08	-9.06E-09	-1.44E-08	-2.53E-09	-3.60E-09	-1.13E-07
758	474693.71, 3848155.61	1.9528	-2.47E-04	-1.15E-04	-2.28E-04	-8.55E-08	-2.58E-07	-1.49E-07	-6.99E-08	-6.33E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.49E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
759	474693.71, 3848180.61	2.10449	-2.66E-04	-1.24E-04	-2.46E-04	-9.22E-08	-2.78E-07	-1.61E-07	-7.53E-08	-6.83E-08	-3.11E-08	-6.15E-08	-3.08E-09	-7.43E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
760	474693.71, 3848205.61	2.35735	-2.98E-04	-1.39E-04	-2.75E-04	-1.03E-07	-3.12E-07	-1.80E-07	-8.43E-08	-7.65E-08	-3.49E-08	-6.89E-08	-3.45E-09	-8.33E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.20E-09	-4.54E-09	-1.42E-07
761	474693.71, 3848230.61	2.56102	-3.24E-04	-1.51E-04	-2.99E-04	-1.12E-07	-3.39E-07	-1.96E-07	-9.16E-08	-8.31E-08	-3.79E-08	-7.49E-08	-3.75E-09	-9.05E-08	-2.00E-08	-1.24E-08	-1.97E-08	-3.48E-09	-4.94E-09	-1.55E-07
762	474693.71, 3848255.61	2.81246	-3.56E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.72E-07	-2.15E-07	-1.01E-07	-9.12E-08	-4.16E-08	-8.22E-08	-4.11E-09	-9.94E-08	-2.19E-08	-1.37E-08	-2.17E-08	-3.82E-09	-5.42E-09	-1.70E-07
763	474693.71, 3848280.61	3.12929	-3.96E-04	-1.85E-04	-3.65E-04	-1.37E-07	-4.14E-07	-2.40E-07	-1.12E-07	-1.01E-07	-4.63E-08	-9.15E-08	-4.58E-09	-1.11E-07	-2.44E-08	-1.52E-08	-2.41E-08	-4.25E-09	-6.03E-09	-1.89E-07

764	474693.71, 3848305.61	3.60908	-4.57E-04	-2.13E-04	-4.21E-04	-1.58E-07	-4.77E-07	-2.76E-07	-1.29E-07	-1.17E-07	-5.34E-08	-1.05E-07	-5.28E-09	-1.27E-07	-2.81E-08	-1.75E-08	-2.78E-08	-4.90E-09	-6.96E-09	-2.18E-07
765	474693.71, 3848330.61	4.1126	-5.20E-04	-2.43E-04	-4.80E-04	-1.80E-07	-5.44E-07	-3.15E-07	-1.47E-07	-1.33E-07	-6.09E-08	-1.20E-07	-6.01E-09	-1.45E-07	-3.21E-08	-2.00E-08	-3.17E-08	-5.59E-09	-7.93E-09	-2.49E-07
766	474693.71, 3848355.61	4.7902	-6.06E-04	-2.83E-04	-5.59E-04	-2.10E-07	-6.33E-07	-3.67E-07	-1.71E-07	-1.55E-07	-7.09E-08	-1.40E-07	-7.01E-09	-1.69E-07	-3.73E-08	-2.33E-08	-3.69E-08	-6.51E-09	-9.23E-09	-2.89E-07
767	474693.71, 3848380.61	5.55307	-7.03E-04	-3.28E-04	-6.49E-04	-2.43E-07	-7.34E-07	-4.25E-07	-1.99E-07	-1.80E-07	-8.22E-08	-1.62E-07	-8.12E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.54E-09	-1.07E-08	-3.36E-07
768	474693.71, 3848405.61	6.59301	-8.34E-04	-3.90E-04	-7.70E-04	-2.89E-07	-8.72E-07	-5.05E-07	-2.36E-07	-2.14E-07	-9.76E-08	-1.93E-07	-9.64E-09	-2.33E-07	-5.14E-08	-3.20E-08	-5.08E-08	-8.95E-09	-1.27E-08	-3.98E-07
769	474693.71, 3848430.61	7.86636	-9.95E-04	-4.65E-04	-9.19E-04	-3.45E-07	-1.04E-06	-6.02E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.13E-08	-3.82E-08	-6.06E-08	-1.07E-08	-1.52E-08	-4.75E-07
770	474693.71, 3848455.61	9.11229	-1.15E-03	-5.39E-04	-1.06E-03	-3.99E-07	-1.20E-06	-6.98E-07	-3.26E-07	-2.96E-07	-1.35E-07	-2.66E-07	-1.33E-08	-3.22E-07	-7.10E-08	-4.43E-08	-7.02E-08	-1.24E-08	-1.76E-08	-5.51E-07
771	474693.71, 3848480.61	10.74457	-1.36E-03	-6.35E-04	-1.25E-03	-4.71E-07	-1.42E-06	-8.22E-07	-3.84E-07	-3.48E-07	-1.59E-07	-3.14E-07	-1.57E-08	-3.80E-07	-8.38E-08	-5.22E-08	-8.28E-08	-1.46E-08	-2.07E-08	-6.49E-07
772	474718.71, 3848155.61	1.91595	-2.42E-04	-1.13E-04	-2.24E-04	-8.39E-08	-2.53E-07	-1.47E-07	-6.86E-08	-6.21E-08	-2.84E-08	-5.60E-08	-2.80E-09	-6.77E-08	-1.49E-08	-9.31E-09	-1.48E-08	-2.60E-09	-3.69E-09	-1.16E-07
773	474718.71, 3848180.61	1.99066	-2.52E-04	-1.18E-04	-2.32E-04	-8.72E-08	-2.63E-07	-1.52E-07	-7.12E-08	-6.46E-08	-2.95E-08	-5.82E-08	-2.91E-09	-7.03E-08	-1.55E-08	-9.67E-09	-1.53E-08	-2.70E-09	-3.84E-09	-1.20E-07
774	474718.71, 3848205.61	2.14706	-2.72E-04	-1.27E-04	-2.51E-04	-9.40E-08	-2.84E-07	-1.64E-07	-7.68E-08	-6.96E-08	-3.18E-08	-6.28E-08	-3.14E-09	-7.58E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.92E-09	-4.14E-09	-1.30E-07
775	474718.71, 3848230.61	2.32854	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.33E-08	-7.55E-08	-3.45E-08	-6.81E-08	-3.41E-09	-8.23E-08	-1.82E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.49E-09	-1.41E-07
776	474718.71, 3848255.61	2.49142	-3.15E-04	-1.47E-04	-2.91E-04	-1.09E-07	-3.29E-07	-1.91E-07	-8.91E-08	-8.08E-08	-3.69E-08	-7.28E-08	-3.64E-09	-8.80E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.38E-09	-4.80E-09	-1.51E-07
777	474718.71, 3848280.61	2.80628	-3.55E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.71E-07	-2.15E-07	-1.00E-07	-9.10E-08	-4.15E-08	-8.20E-08	-4.10E-09	-9.91E-08	-2.19E-08	-1.36E-08	-2.16E-08	-3.81E-09	-5.41E-09	-1.70E-07
778	474718.71, 3848305.61	3.19914	-4.05E-04	-1.89E-04	-3.74E-04	-1.40E-07	-4.23E-07	-2.45E-07	-1.14E-07	-1.04E-07	-4.73E-08	-9.35E-08	-4.68E-09	-1.13E-07	-2.49E-08	-1.55E-08	-2.47E-08	-4.35E-09	-6.17E-09	-1.93E-07
779	474718.71, 3848330.61	3.63831	-4.60E-04	-2.15E-04	-4.25E-04	-1.59E-07	-4.81E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.38E-08	-1.06E-07	-5.32E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.80E-08	-4.94E-09	-7.01E-09	-2.20E-07
780	474718.71, 3848355.61	4.24382	-5.37E-04	-2.51E-04	-4.96E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.21E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.18E-09	-2.56E-07
781	474718.71, 3848380.61	4.92769	-6.23E-04	-2.91E-04	-5.75E-04	-2.16E-07	-6.52E-07	-3.77E-07	-1.76E-07	-1.60E-07	-7.29E-08	-1.44E-07	-7.21E-09	-1.74E-07	-3.84E-08	-2.39E-08	-3.80E-08	-6.69E-09	-9.50E-09	-2.98E-07
782	474718.71, 3848405.61	5.69564	-7.21E-04	-3.37E-04	-6.65E-04	-2.49E-07	-7.53E-07	-4.36E-07	-2.04E-07	-1.85E-07	-8.43E-08	-1.66E-07	-8.33E-09	-2.01E-07	-4.44E-08	-2.77E-08	-4.39E-08	-7.74E-09	-1.10E-08	-3.44E-07
783	474718.71, 3848430.61	6.8116	-8.62E-04	-4.03E-04	-7.95E-04	-2.98E-07	-9.01E-07	-5.21E-07	-2.44E-07	-2.21E-07	-1.01E-07	-1.99E-07	-9.96E-09	-2.41E-07	-5.31E-08	-3.31E-08	-5.25E-08	-9.25E-09	-1.31E-08	-4.12E-07
784	474718.71, 3848455.61	8.02465	-1.02E-03	-4.75E-04	-9.37E-04	-3.51E-07	-1.06E-06	-6.14E-07	-2.87E-07	-2.60E-07	-1.19E-07	-2.35E-07	-1.17E-08	-2.83E-07	-6.26E-08	-3.90E-08	-6.18E-08	-1.09E-08	-1.55E-08	-4.85E-07
785	474718.71, 3848480.61	9.29575	-1.18E-03	-5.50E-04	-1.09E-03	-4.07E-07	-1.23E-06	-7.12E-07	-3.33E-07	-3.02E-07	-1.38E-07	-2.72E-07	-1.36E-08	-3.28E-07	-7.25E-08	-4.52E-08	-7.16E-08	-1.26E-08	-1.79E-08	-5.62E-07
786	474718.71, 3848505.61	10.97037	-1.39E-03	-6.49E-04	-1.28E-03	-4.80E-07	-1.45E-06	-8.40E-07	-3.93E-07	-3.56E-07	-1.62E-07	-3.21E-07	-1.60E-08	-3.88E-07	-8.55E-08	-5.33E-08	-8.45E-08	-1.49E-08	-2.11E-08	-6.63E-07
787	474743.71, 3848180.61	1.88805	-2.39E-04	-1.12E-04	-2.20E-04	-8.27E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.12E-08	-2.79E-08	-5.52E-08	-2.76E-09	-6.67E-08	-1.47E-08	-9.17E-09	-1.46E-08	-2.56E-09	-3.64E-09	-1.14E-07
788	474743.71, 3848205.61	1.96585	-2.49E-04	-1.16E-04	-2.30E-04	-8.61E-08	-2.60E-07	-1.50E-07	-7.03E-08	-6.38E-08	-2.91E-08	-5.75E-08	-2.87E-09	-6.94E-08	-1.53E-08	-9.55E-09	-1.51E-08	-2.67E-09	-3.79E-09	-1.19E-07
789	474743.71, 3848230.61	2.08143	-2.63E-04	-1.23E-04	-2.43E-04	-9.12E-08	-2.75E-07	-1.59E-07	-7.45E-08	-6.75E-08	-3.08E-08	-6.08E-08	-3.04E-09	-7.35E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.83E-09	-4.01E-09	-1.26E-07
790	474743.71, 3848255.61	2.26823	-2.87E-04	-1.34E-04	-2.65E-04	-9.93E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.63E-08	-3.32E-09	-8.01E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
791	474743.71, 3848280.61	2.52849	-3.20E-04	-1.50E-04	-2.95E-04	-1.11E-07	-3.34E-07	-1.94E-07	-9.05E-08	-8.20E-08	-3.74E-08	-7.39E-08	-3.70E-09	-8.93E-08	-1.97E-08	-1.23E-08	-1.95E-08	-3.43E-09	-4.87E-09	-1.53E-07
792	474743.71, 3848305.61	2.87022	-3.63E-04	-1.70E-04	-3.35E-04	-1.26E-07	-3.80E-07	-2.20E-07	-1.03E-07	-9.31E-08	-4.25E-08	-8.39E-08	-4.20E-09	-1.01E-07	-2.24E-08	-1.39E-08	-2.21E-08	-3.90E-09	-5.53E-09	-1.73E-07
793	474743.71, 3848330.61	3.28542	-4.16E-04	-1.94E-04	-3.84E-04	-1.44E-07	-4.34E-07	-2.51E-07	-1.18E-07	-1.07E-07	-4.86E-08	-9.60E-08	-4.80E-09	-1.16E-07	-2.56E-08	-1.60E-08	-2.53E-08	-4.46E-09	-6.33E-09	-1.99E-07
794	474743.71, 3848355.61	3.80872	-4.82E-04	-2.25E-04	-4.45E-04	-1.67E-07	-5.04E-07	-2.92E-07	-1.36E-07	-1.24E-07	-5.64E-08	-1.11E-07	-5.57E-09	-1.35E-07	-2.97E-08	-1.85E-08	-2.94E-08	-5.17E-09	-7.34E-09	-2.30E-07
795	474743.71, 3848380.61	4.4167	-5.59E-04	-2.61E-04	-5.16E-04	-1.93E-07	-5.84E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.54E-08	-1.29E-07	-6.46E-09	-1.56E-07	-3.44E-08	-2.15E-08	-3.40E-08	-6.00E-09	-8.51E-09	-2.67E-07
796	474743.71, 3848405.61	5.03462	-6.37E-04	-2.98E-04	-5.88E-04	-2.20E-07	-6.66E-07	-3.85E-07	-1.80E-07	-1.63E-07	-7.45E-08	-1.47E-07	-7.36E-09	-1.78E-07	-3.92E-08	-2.45E-08	-3.88E-08	-6.84E-09	-9.71E-09	-3.04E-07
797	474743.71, 3848430.61	5.83343	-7.38E-04	-3.45E-04	-6.81E-04	-2.55E-07	-7.71E-07	-4.47E-07	-2.09E-07	-1.89E-07	-8.63E-08	-1.70E-07	-8.53E-09	-2.06E-07	-4.55E-08	-2.83E-08	-4.50E-08	-7.92E-09	-1.12E-08	-3.53E-07
798	474743.71, 3848455.61	7.03529	-8.90E-04	-4.16E-04	-8.22E-04	-3.08E-07	-9.30E-07	-5.39E-07	-2.52E-07	-2.28E-07	-1.04E-07	-2.06E-07	-1.03E-08	-2.49E-07	-5.48E-08	-3.42E-08	-5.42E-08	-9.56E-09	-1.36E-08	-4.25E-07
799	474743.71, 3848480.61	8.17366	-1.03E-03	-4.83E-04	-9.55E-04	-3.58E-07	-1.08E-06	-6.26E-07	-2.92E-07	-2.65E-07	-1.21E-07	-2.39E-07	-1.20E-08	-2.89E-07	-6.37E-08	-3.97E-08	-6.30E-08	-1.11E-08	-1.58E-08	-4.94E-07
800	474743.71, 3848505.61	9.44236	-1.19E-03	-5.58E-04	-1.10E-03	-4.14E-07	-1.25E-06	-7.23E-07	-3.38E-07	-3.06E-07	-1.40E-07	-2.76E-07	-1.38E-08	-3.34E-07	-7.36E-08	-4.59E-08	-7.28E-08	-1.28E-08	-1.82E-08	-5.71E-07
801	474743.71, 3848530.61	11.20524	-1.42E-03	-6.63E-04	-1.31E-03	-4.91E-07	-1.48E-06	-8.58E-07	-4.01E-07	-3.63E-07	-1.66E-07	-3.28E-07	-1.64E-08	-3.96E-07	-8.73E-08	-5.44E-08	-8.64E-08	-1.52E-08	-2.16E-08	-6.77E-07
802	474768.71, 3848205.61	1.80543	-2.28E-04	-1.07E-04	-2.11E-04	-7.91E-08	-2.39E-07	-1.38E-07	-6.46E-08	-5.86E-08	-2.67E-08	-5.28E-08	-2.64E-09	-6.38E-08	-1.41E-08	-8.77E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07
803	474768.71, 3848230.61	1.95627	-2.47E-04	-1.16E-04	-2.28E-04	-8.57E-08	-2.59E-07	-1.50E-07	-7.00E-08	-6.35E-08	-2.90E-08	-5.72E-08	-2.86E-09	-6.91E-08	-1.52E-08	-9.50E-09	-1.51E-08	-2.66E-09	-3.77E-09	-1.18E-07
804	474768.71, 3848255.61	2.08929	-2.64E-04	-1.24E-04	-2.44E-04	-9.15E-08	-2.76E-07	-1.60E-07	-7.48E-08	-6.78E-08	-3.09E-08	-6.11E-08	-3.06E-09	-7.38E-08	-1.63E-08	-1.01E-08	-1.61E-08	-2.84E-09	-4.03E-09	-1.26E-07
805	474768.71, 3848280.61	2.33185	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.79E-07	-8.34E-08	-7.56E-08	-3.45E-08	-6.82E-08	-3.41E-09	-8.24E-08	-1.82E-08	-1.13E-08	-1.80E-08	-3.17E-09	-4.50E-09	-1.41E-07
806	474768.71, 3848305.61	2.62883	-3.33E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.48E-07	-2.01E-07	-9.41E-08	-8.53E-08	-3.89E-08	-7.68E-08	-3.84E-09	-9.29E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.57E-09	-5.07E-09	-1.59E-07
807	474768.71, 3848330.61	3.00285	-3.80E-04	-1.78E-04	-3.51E-04	-1.32E-07	-3.97E-07	-2.30E-07	-1.07E-07	-9.74E-08	-4.44E-08	-8.78E-08	-4.39E-09	-1.06E-07	-2.34E-08	-1.46E-08	-2.31E-08	-4.08E-09	-5.79E-09	-1.81E-07
808	474768.71, 3848355.61	3.47761	-4.40E-04	-2.06E-04	-4.06E-04	-1.52E-07	-4.60E-07	-2.66E-07	-1.24E-07	-1.13E-07	-5.15E-08	-1.02E-07	-5.09E-09	-1.23E-07	-2.71E-08	-1.69E-08	-2.68E-08	-4.72E-09	-6.70E-09	-2.10E-07
809	474768.71, 3848380.61	3.94104	-4.99E-04	-2.33E-04	-4.60E-04	-1.73E-07	-5.21E-07	-3.02E-07	-1.41E-07	-1.28E-07	-5.83E-08	-1.15E-07	-5.76E-09	-1.39E-07	-3.07E-08	-1.91E-08	-3.04E-08	-5.35E-09	-7.60E-09	-2.38E-07
810	474768.71, 3848405.61	4.48719	-5.68E-04	-2.65E-04	-5.24E-04	-1.97E-07	-5.93E-07	-3.43E-07	-1.61E-07	-1.46E-07	-6.64E-08	-1.31E-07	-6.56E-09	-1.59E-07	-3.50E-08	-2.18E-08	-3.46E-08	-6.09E-09	-8.65E-09	-2.71E-07
811	474768.71, 3848430.61	5.12845	-6.49E-04	-3.03E-04	-5.99E-04	-2.25E-07	-6.78E-07	-3.93E-07	-1.83E-07	-1.66E-07	-7.59E-08	-1.50E-07	-7.50E-09	-1.81E-07	-4.00E-08	-2.49E-08	-3.95E-08	-6.97E-09	-9.89E-09	-3.10E-07
812	474768.71, 3848455.61	5.98022	-7.57E-04	-3.54E-04	-6.98E-04	-2.62E-07	-7.91E-07	-4.58E-07	-2.14E-07	-1.94E-07	-8.85E-08	-1.75E-07	-8.75E-09	-2.11E-07	-4.66E-08	-2.91E-08	-4.61E-08	-8.12E-09	-1.15E-08	-3.61E-07
813	474768.71, 3848480.61	7.08812	-8.97E-04	-4.19E-04	-8.28E-04	-3.10E-07	-9.37E-07	-5.43E-07	-2.54E-07	-2.30E-07	-1.05E-07	-2.07E-07	-1.04E-08	-2.50E-07	-5.53E-08	-3.44E-08	-5.46E-08	-9.63E-09	-1.37E-08	-4.28E-07
814	474768.71, 3848505.61	8.26567	-1.05E-03	-4.89E-04	-9.65E-04	-3.62E-07	-1.09E-06	-6.33E-07	-2.96E-07	-2.68E-07	-1.22E-07	-2.42E-07	-1.21E-08	-2.92E-07	-6.44E-08	-4.02E-08	-6.37E-08	-1.12E-08	-1.59E-08	-5.00E-07
815	474768.71, 3848530.61	9.59002	-1.21E-03	-5.67E-04	-1.12E-03	-4.20E-07	-1.27E-06	-7.34E-07	-3.43E-07	-3.11E-07	-1.42E-07	-2.80E-07	-1.40E-08	-3.39E-07	-7.48E-08	-4.66E-08	-7.39E-08	-1.30E-08	-1.85E-08	-5.80E-07
816	474768.71, 3848555.61	11.48559	-1.45E-03	-6.79E-04	-1.34E-03	-5.03E-07	-1.52E-06	-8.79E-07	-4.11E-07	-3.73E-07	-1.70E-07	-3.36E-07	-1.68E-08	-4.06E-07	-8.95E-08	-5.58E-08	-8.85E-08	-1.56E-08	-2.21E-08	-6.94E-07
817	474793.71, 3848205.61	1.73024	-2.19E-04	-1.02E-04	-2.02E-04	-7.58E-08	-2.29E-07	-1.32E-07	-6.19E-08	-5.61E-08	-2.56E-08	-5.06E-08	-2.53E-09	-6.11E-08	-1.35E-08	-8.41E-09	-1.33E-08	-2.35E-09	-3.34E-09	-1.05E-07
818	474793.71, 3848230.61	1.80656	-2.29E-04	-1.07E-04	-2.11E-04	-7.91E-08	-2.39E-07	-1.38E-07	-6.46E-08	-5.86E-08	-2.67E-08	-5.28E-08	-2.64E-09	-6.38E-08	-1.41E-08	-8.78E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07
819	474793.71, 3848255.61	1.94536	-2.46E-04	-1.15E-04	-2.27E-04	-8.52E-08	-2.57E-07	-1.49E-07	-6.96E-08	-6.31E-08	-2.88E-08	-5.69E-08	-2.84E-09	-6.87E-08	-1.52E-08	-9.45E-09	-1.50E-08	-2.64E-09	-3.75E-09	-1.18E-07
820	474793.71, 3848280.61	2.14829	-2.72E-04	-1.27E-04	-2.51E-04	-9.41E-08	-2.84E-07	-1.64E-07	-7.69E-08	-6.97E-08	-3.18E-08	-6.28E-08	-3.14E-09	-7.59E-08	-1.67E-08	-1.04E-08	-1.66E-08	-2.92E-09	-4.14E-09	-1.30E-07
821	474793.71, 3848305.61	2.41486	-3.06E-04	-1.43E-04	-2.82E-04	-1.06E-07	-3.19E-07	-1.85E-07	-8.64E-08	-7.83E-08	-3.57E-08	-7.06E-08	-3.53E-09	-8.53E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.28E-09	-4.66E-09	-1.46E-07
822	474793.71, 3848330.61	2.79012	-3.53E-04	-1.65E-04	-3.26E-04	-1.22E-07	-3.69E-07	-2.14E-07	-9.98E-08	-9.05E-08	-4.13E-08	-8.15E-08	-4.08E-09	-9.86E-08	-2.17E-08	-1.36E-08	-2.15E-08	-3.79E-09	-5.38E-09	-1.69E-07
823	474793.71, 3848355.61	3.16338	-4.00E-04	-1.87E-04	-3.69E-04	-1.39E-07	-4.18E-07	-2.42E-07	-1.13E-07	-1.03E-07	-4.68E-08	-9.25E-08	-4.63E-09	-1.12E-07	-2.47E-08	-1.54E-08	-2.44E-08	-4.30E-09	-6.10E-09	-1.91E-07
824	474793.71, 3848380.61	3.554	-4.50E-04	-2.10E-04	-4.15E-04	-1.56E-07	-4.70E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.26E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.85E-09	-2.15E-07
825	474793.71, 3848405.61	4.02936	-5.10E-04	-2.38E-04	-4.71E-04	-1.76E-07	-5.33E-07	-3.08E-07	-1.44E-07	-1.31E-07	-5.96E-08	-1.18E-07	-5.89E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.11E-08	-5.47E-09	-7.77E-09	-2.44E-07
826	474793.71, 3848430.61	4.5861	-5.80E-04	-2.71E-04	-5.36E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.79E-08	-1.34E-07	-6.71E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.23E-09	-8.84E-09	-2.77E-07
827	474793.71, 3848455.61	5.22682	-6.61E-04	-3.09E-04	-6.10E-04	-2.29E-07	-6.91E-07	-4.00E-07	-1.87E-07	-1.70E-07	-7.74E-08	-1.53E-07	-7.64E-09	-1.85E-07	-4.07E-08	-2.54E-08	-4.03E-08	-7.10E-09	-1.01E-08	-3.16E-07

828	474793.71, 3848480.61	6.06073	-7.67E-04	-3.58E-04	-7.08E-04	-2.65E-07	-8.01E-07	-4.64E-07	-2.17E-07	-1.97E-07	-8.97E-08	-1.77E-07	-8.86E-09	-2.14E-07	-4.72E-08	-2.94E-08	-4.67E-08	-8.23E-09	-1.17E-08	-3.66E-07
829	474793.71, 3848505.61	7.09333	-8.97E-04	-4.19E-04	-8.28E-04	-3.11E-07	-9.38E-07	-5.43E-07	-2.54E-07	-2.30E-07	-1.05E-07	-2.07E-07	-1.04E-08	-2.51E-07	-5.53E-08	-3.45E-08	-5.47E-08	-9.63E-09	-1.37E-08	-4.29E-07
830	474793.71, 3848530.61	8.37824	-1.06E-03	-4.95E-04	-9.78E-04	-3.67E-07	-1.11E-06	-6.41E-07	-3.00E-07	-2.72E-07	-1.24E-07	-2.45E-07	-1.23E-08	-2.96E-07	-6.53E-08	-4.07E-08	-6.46E-08	-1.14E-08	-1.62E-08	-5.06E-07
831	474793.71, 3848555.61	9.78255	-1.24E-03	-5.78E-04	-1.14E-03	-4.28E-07	-1.29E-06	-7.49E-07	-3.50E-07	-3.17E-07	-1.45E-07	-2.86E-07	-1.43E-08	-3.46E-07	-7.63E-08	-4.75E-08	-7.54E-08	-1.33E-08	-1.89E-08	-5.91E-07
832	474793.71, 3848580.61	11.76085	-1.49E-03	-6.95E-04	-1.37E-03	-5.15E-07	-1.56E-06	-9.00E-07	-4.21E-07	-3.81E-07	-1.74E-07	-3.44E-07	-1.72E-08	-4.15E-07	-9.17E-08	-5.71E-08	-9.06E-08	-1.60E-08	-2.27E-08	-7.11E-07
833	474818.71, 3848230.61	1.74706	-2.21E-04	-1.03E-04	-2.04E-04	-7.65E-08	-2.31E-07	-1.34E-07	-6.25E-08	-5.67E-08	-2.59E-08	-5.11E-08	-2.55E-09	-6.17E-08	-1.36E-08	-8.49E-09	-1.35E-08	-2.37E-09	-3.37E-09	-1.06E-07
834	474818.71, 3848255.61	1.8826	-2.38E-04	-1.11E-04	-2.20E-04	-8.24E-08	-2.49E-07	-1.44E-07	-6.74E-08	-6.11E-08	-2.79E-08	-5.50E-08	-2.75E-09	-6.65E-08	-1.47E-08	-9.15E-09	-1.45E-08	-2.56E-09	-3.63E-09	-1.14E-07
835	474818.71, 3848280.61	2.0505	-2.59E-04	-1.21E-04	-2.39E-04	-8.98E-08	-2.71E-07	-1.57E-07	-7.34E-08	-6.65E-08	-3.03E-08	-5.99E-08	-3.00E-09	-7.24E-08	-1.60E-08	-9.96E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
836	474818.71, 3848305.61	2.31856	-2.93E-04	-1.37E-04	-2.71E-04	-1.02E-07	-3.07E-07	-1.77E-07	-8.30E-08	-7.52E-08	-3.43E-08	-6.78E-08	-3.39E-09	-8.19E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.15E-09	-4.47E-09	-1.40E-07
837	474818.71, 3848330.61	2.59018	-3.28E-04	-1.53E-04	-3.02E-04	-1.13E-07	-3.43E-07	-1.98E-07	-9.27E-08	-8.40E-08	-3.83E-08	-7.57E-08	-3.79E-09	-9.15E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-4.99E-09	-1.57E-07
838	474818.71, 3848355.61	2.88013	-3.64E-04	-1.70E-04	-3.36E-04	-1.26E-07	-3.81E-07	-2.20E-07	-1.03E-07	-9.34E-08	-4.26E-08	-8.42E-08	-4.21E-09	-1.02E-07	-2.25E-08	-1.40E-08	-2.22E-08	-3.91E-09	-5.55E-09	-1.74E-07
839	474818.71, 3848380.61	3.23287	-4.09E-04	-1.91E-04	-3.78E-04	-1.42E-07	-4.27E-07	-2.47E-07	-1.16E-07	-1.05E-07	-4.78E-08	-9.45E-08	-4.73E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.39E-09	-6.23E-09	-1.95E-07
840	474818.71, 3848405.61	3.64749	-4.61E-04	-2.16E-04	-4.26E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.31E-07	-1.18E-07	-5.40E-08	-1.07E-07	-5.33E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.03E-09	-2.20E-07
841	474818.71, 3848430.61	4.13305	-5.23E-04	-2.44E-04	-4.83E-04	-1.81E-07	-5.47E-07	-3.16E-07	-1.48E-07	-1.34E-07	-6.12E-08	-1.21E-07	-6.04E-09	-1.46E-07	-3.22E-08	-2.01E-08	-3.19E-08	-5.61E-09	-7.97E-09	-2.50E-07
842	474818.71, 3848455.61	4.69334	-5.94E-04	-2.78E-04	-5.48E-04	-2.06E-07	-6.21E-07	-3.59E-07	-1.68E-07	-1.52E-07	-6.95E-08	-1.37E-07	-6.86E-09	-1.66E-07	-3.66E-08	-2.28E-08	-3.62E-08	-6.37E-09	-9.05E-09	-2.84E-07
843	474818.71, 3848480.61	5.31801	-6.73E-04	-3.14E-04	-6.21E-04	-2.33E-07	-7.03E-07	-4.07E-07	-1.90E-07	-1.72E-07	-7.87E-08	-1.55E-07	-7.78E-09	-1.88E-07	-4.15E-08	-2.58E-08	-4.10E-08	-7.22E-09	-1.03E-08	-3.21E-07
844	474818.71, 3848505.61	6.10675	-7.73E-04	-3.61E-04	-7.13E-04	-2.67E-07	-8.08E-07	-4.67E-07	-2.19E-07	-1.98E-07	-9.04E-08	-1.78E-07	-8.93E-09	-2.16E-07	-4.76E-08	-2.97E-08	-4.71E-08	-8.29E-09	-1.18E-08	-3.69E-07
845	474818.71, 3848530.61	7.18999	-9.10E-04	-4.25E-04	-8.40E-04	-3.15E-07	-9.51E-07	-5.50E-07	-2.57E-07	-2.33E-07	-1.06E-07	-2.10E-07	-1.05E-08	-2.54E-07	-5.60E-08	-3.49E-08	-5.54E-08	-9.77E-09	-1.39E-08	-4.35E-07
846	474818.71, 3848555.61	8.4924	-1.07E-03	-5.02E-04	-9.92E-04	-3.72E-07	-1.12E-06	-6.50E-07	-3.04E-07	-2.75E-07	-1.26E-07	-2.48E-07	-1.24E-08	-3.00E-07	-6.62E-08	-4.13E-08	-6.54E-08	-1.15E-08	-1.64E-08	-5.13E-07
847	474818.71, 3848580.61	9.96465	-1.26E-03	-5.89E-04	-1.16E-03	-4.36E-07	-1.32E-06	-7.63E-07	-3.57E-07	-3.23E-07	-1.47E-07	-2.91E-07	-1.46E-08	-3.52E-07	-7.77E-08	-4.84E-08	-7.68E-08	-1.35E-08	-1.92E-08	-6.02E-07
848	474818.71, 3848605.61	12.03418	-1.52E-03	-7.12E-04	-1.41E-03	-5.27E-07	-1.59E-06	-9.21E-07	-4.31E-07	-3.90E-07	-1.78E-07	-3.52E-07	-1.76E-08	-4.25E-07	-9.38E-08	-5.85E-08	-9.27E-08	-1.63E-08	-2.32E-08	-7.27E-07
849	474843.71, 3848255.61	1.83874	-2.33E-04	-1.09E-04	-2.15E-04	-8.05E-08	-2.43E-07	-1.41E-07	-6.58E-08	-5.96E-08	-2.72E-08	-5.37E-08	-2.69E-09	-6.50E-08	-1.43E-08	-8.93E-09	-1.42E-08	-2.50E-09	-3.54E-09	-1.11E-07
850	474843.71, 3848280.61	2.00642	-2.54E-04	-1.19E-04	-2.34E-04	-8.79E-08	-2.65E-07	-1.54E-07	-7.18E-08	-6.51E-08	-2.97E-08	-5.86E-08	-2.93E-09	-7.09E-08	-1.56E-08	-9.75E-09	-1.55E-08	-2.73E-09	-3.87E-09	-1.21E-07
851	474843.71, 3848305.61	2.19357	-2.78E-04	-1.30E-04	-2.56E-04	-9.61E-08	-2.90E-07	-1.68E-07	-7.85E-08	-7.11E-08	-3.25E-08	-6.41E-08	-3.21E-09	-7.75E-08	-1.71E-08	-1.07E-08	-1.69E-08	-2.98E-09	-4.23E-09	-1.33E-07
852	474843.71, 3848330.61	2.39711	-3.03E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.83E-07	-8.58E-08	-7.77E-08	-3.55E-08	-7.01E-08	-3.51E-09	-8.47E-08	-1.87E-08	-1.16E-08	-1.85E-08	-3.26E-09	-4.62E-09	-1.45E-07
853	474843.71, 3848355.61	2.63922	-3.34E-04	-1.56E-04	-3.08E-04	-1.16E-07	-3.49E-07	-2.02E-07	-9.44E-08	-8.56E-08	-3.91E-08	-7.71E-08	-3.86E-09	-9.32E-08	-2.06E-08	-1.28E-08	-2.03E-08	-3.58E-09	-5.09E-09	-1.59E-07
854	474843.71, 3848380.61	2.95096	-3.73E-04	-1.75E-04	-3.45E-04	-1.29E-07	-3.90E-07	-2.26E-07	-1.06E-07	-9.57E-08	-4.37E-08	-8.62E-08	-4.32E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.01E-09	-5.69E-09	-1.78E-07
855	474843.71, 3848405.61	3.31242	-4.19E-04	-1.96E-04	-3.87E-04	-1.45E-07	-4.38E-07	-2.54E-07	-1.19E-07	-1.07E-07	-4.90E-08	-9.68E-08	-4.84E-09	-1.17E-07	-2.58E-08	-1.61E-08	-2.55E-08	-4.50E-09	-6.39E-09	-2.00E-07
856	474843.71, 3848430.61	3.73613	-4.73E-04	-2.21E-04	-4.36E-04	-1.64E-07	-4.94E-07	-2.86E-07	-1.34E-07	-1.21E-07	-5.53E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.88E-08	-5.07E-09	-7.20E-09	-2.26E-07
857	474843.71, 3848455.61	4.21808	-5.34E-04	-2.49E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.24E-08	-1.23E-07	-6.17E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.73E-09	-8.13E-09	-2.55E-07
858	474843.71, 3848480.61	4.72879	-5.98E-04	-2.80E-04	-5.52E-04	-2.07E-07	-6.25E-07	-3.62E-07	-1.69E-07	-1.53E-07	-7.00E-08	-1.38E-07	-6.92E-09	-1.67E-07	-3.69E-08	-2.30E-08	-3.64E-08	-6.42E-09	-9.12E-09	-2.86E-07
859	474843.71, 3848505.61	5.34275	-6.76E-04	-3.16E-04	-6.24E-04	-2.34E-07	-7.06E-07	-4.09E-07	-1.91E-07	-1.73E-07	-7.91E-08	-1.56E-07	-7.81E-09	-1.89E-07	-4.16E-08	-2.60E-08	-4.12E-08	-7.26E-09	-1.03E-08	-3.23E-07
860	474843.71, 3848530.61	6.14872	-7.78E-04	-3.64E-04	-7.18E-04	-2.69E-07	-8.13E-07	-4.71E-07	-2.20E-07	-1.99E-07	-9.10E-08	-1.80E-07	-8.99E-09	-2.17E-07	-4.79E-08	-2.99E-08	-4.74E-08	-8.35E-09	-1.19E-08	-3.72E-07
861	474843.71, 3848555.61	7.26988	-9.20E-04	-4.30E-04	-8.49E-04	-3.18E-07	-9.61E-07	-5.57E-07	-2.60E-07	-2.36E-07	-1.08E-07	-2.12E-07	-1.06E-08	-2.57E-07	-5.67E-08	-3.53E-08	-5.60E-08	-9.87E-09	-1.40E-08	-4.39E-07
862	474843.71, 3848580.61	8.6181	-1.09E-03	-5.10E-04	-1.01E-03	-3.77E-07	-1.14E-06	-6.60E-07	-3.08E-07	-2.80E-07	-1.28E-07	-2.52E-07	-1.26E-08	-3.04E-07	-6.72E-08	-4.19E-08	-6.64E-08	-1.17E-08	-1.66E-08	-5.21E-07
863	474843.71, 3848605.61	10.13328	-1.28E-03	-5.99E-04	-1.18E-03	-4.44E-07	-1.34E-06	-7.76E-07	-3.63E-07	-3.29E-07	-1.50E-07	-2.96E-07	-1.48E-08	-3.58E-07	-7.90E-08	-4.92E-08	-7.81E-08	-1.38E-08	-1.95E-08	-6.12E-07
864	474843.71, 3848630.61	12.33633	-1.56E-03	-7.29E-04	-1.44E-03	-5.40E-07	-1.63E-06	-9.44E-07	-4.41E-07	-4.00E-07	-1.83E-07	-3.61E-07	-1.80E-08	-4.36E-07	-9.62E-08	-5.99E-08	-9.51E-08	-1.68E-08	-2.38E-08	-7.46E-07
865	474868.71, 3848280.61	1.91342	-2.42E-04	-1.13E-04	-2.23E-04	-8.38E-08	-2.53E-07	-1.46E-07	-6.85E-08	-6.21E-08	-2.83E-08	-5.59E-08	-2.80E-09	-6.76E-08	-1.49E-08	-9.30E-09	-1.47E-08	-2.60E-09	-3.69E-09	-1.16E-07
866	474868.71, 3848305.61	2.04872	-2.59E-04	-1.21E-04	-2.39E-04	-8.97E-08	-2.71E-07	-1.57E-07	-7.33E-08	-6.64E-08	-3.03E-08	-5.99E-08	-3.00E-09	-7.24E-08	-1.60E-08	-9.95E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
867	474868.71, 3848330.61	2.16871	-2.74E-04	-1.28E-04	-2.53E-04	-9.50E-08	-2.87E-07	-1.66E-07	-7.76E-08	-7.03E-08	-3.21E-08	-6.34E-08	-3.17E-09	-7.66E-08	-1.69E-08	-1.05E-08	-1.67E-08	-2.95E-09	-4.18E-09	-1.31E-07
868	474868.71, 3848355.61	2.42012	-3.06E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.20E-07	-1.85E-07	-8.66E-08	-7.85E-08	-3.58E-08	-7.07E-08	-3.54E-09	-8.55E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.46E-07
869	474868.71, 3848380.61	2.70599	-3.42E-04	-1.60E-04	-3.16E-04	-1.19E-07	-3.58E-07	-2.07E-07	-9.68E-08	-8.78E-08	-4.00E-08	-7.91E-08	-3.96E-09	-9.56E-08	-2.11E-08	-1.31E-08	-2.09E-08	-3.68E-09	-5.22E-09	-1.64E-07
870	474868.71, 3848405.61	3.0579	-3.87E-04	-1.81E-04	-3.57E-04	-1.34E-07	-4.04E-07	-2.34E-07	-1.09E-07	-9.92E-08	-4.53E-08	-8.94E-08	-4.47E-09	-1.08E-07	-2.38E-08	-1.49E-08	-2.36E-08	-4.15E-09	-5.90E-09	-1.85E-07
871	474868.71, 3848430.61	3.43555	-4.35E-04	-2.03E-04	-4.01E-04	-1.50E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.08E-08	-1.00E-07	-5.02E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.62E-09	-2.08E-07
872	474868.71, 3848455.61	3.81862	-4.83E-04	-2.26E-04	-4.46E-04	-1.67E-07	-5.05E-07	-2.92E-07	-1.37E-07	-1.24E-07	-5.65E-08	-1.12E-07	-5.58E-09	-1.35E-07	-2.98E-08	-1.86E-08	-2.94E-08	-5.19E-09	-7.36E-09	-2.31E-07
873	474868.71, 3848480.61	4.25329	-5.38E-04	-2.52E-04	-4.97E-04	-1.86E-07	-5.62E-07	-3.26E-07	-1.52E-07	-1.38E-07	-6.29E-08	-1.24E-07	-6.22E-09	-1.50E-07	-3.32E-08	-2.07E-08	-3.28E-08	-5.78E-09	-8.20E-09	-2.57E-07
874	474868.71, 3848505.61	4.7641	-6.03E-04	-2.82E-04	-5.56E-04	-2.09E-07	-6.30E-07	-3.65E-07	-1.70E-07	-1.55E-07	-7.05E-08	-1.39E-07	-6.97E-09	-1.68E-07	-3.71E-08	-2.31E-08	-3.67E-08	-6.47E-09	-9.18E-09	-2.88E-07
875	474868.71, 3848530.61	5.36007	-6.78E-04	-3.17E-04	-6.26E-04	-2.35E-07	-7.09E-07	-4.10E-07	-1.92E-07	-1.74E-07	-7.93E-08	-1.57E-07	-7.84E-09	-1.89E-07	-4.18E-08	-2.60E-08	-4.13E-08	-7.28E-09	-1.03E-08	-3.24E-07
876	474868.71, 3848555.61	6.19759	-7.84E-04	-3.66E-04	-7.24E-04	-2.71E-07	-8.20E-07	-4.74E-07	-2.22E-07	-2.01E-07	-9.17E-08	-1.81E-07	-9.06E-09	-2.19E-07	-4.83E-08	-3.01E-08	-4.78E-08	-8.42E-09	-1.19E-08	-3.75E-07
877	474868.71, 3848580.61	7.31329	-9.25E-04	-4.32E-04	-8.54E-04	-3.20E-07	-9.67E-07	-5.60E-07	-2.62E-07	-2.37E-07	-1.08E-07	-2.14E-07	-1.07E-08	-2.58E-07	-5.70E-08	-3.55E-08	-5.64E-08	-9.93E-09	-1.41E-08	-4.42E-07
878	474868.71, 3848605.61	8.72305	-1.10E-03	-5.16E-04	-1.02E-03	-3.82E-07	-1.15E-06	-6.68E-07	-3.12E-07	-2.83E-07	-1.29E-07	-2.55E-07	-1.28E-08	-3.08E-07	-6.80E-08	-4.24E-08	-6.72E-08	-1.18E-08	-1.68E-08	-5.27E-07
879	474868.71, 3848630.61	10.31824	-1.31E-03	-6.10E-04	-1.20E-03	-4.52E-07	-1.36E-06	-7.90E-07	-3.69E-07	-3.35E-07	-1.53E-07	-3.02E-07	-1.51E-08	-3.64E-07	-8.04E-08	-5.01E-08	-7.95E-08	-1.40E-08	-1.99E-08	-6.24E-07
880	474868.71, 3848655.61	12.60429	-1.59E-03	-7.45E-04	-1.47E-03	-5.52E-07	-1.67E-06	-9.65E-07	-4.51E-07	-4.09E-07	-1.87E-07	-3.68E-07	-1.84E-08	-4.45E-07	-9.82E-08	-6.12E-08	-9.71E-08	-1.71E-08	-2.43E-08	-7.62E-07
881	474893.71, 3848305.61	1.91367	-2.42E-04	-1.13E-04	-2.23E-04	-8.38E-08	-2.53E-07	-1.46E-07	-6.85E-08	-6.21E-08	-2.83E-08	-5.59E-08	-2.80E-09	-6.76E-08	-1.49E-08	-9.30E-09	-1.47E-08	-2.60E-09	-3.69E-09	-1.16E-07
882	474893.71, 3848330.61	2.05845	-2.60E-04	-1.22E-04	-2.40E-04	-9.01E-08	-2.72E-07	-1.58E-07	-7.37E-08	-6.68E-08	-3.05E-08	-6.02E-08	-3.01E-09	-7.27E-08	-1.60E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.97E-09	-1.24E-07
883	474893.71, 3848355.61	2.26514	-2.87E-04	-1.34E-04	-2.65E-04	-9.92E-08	-3.00E-07	-1.73E-07	-8.10E-08	-7.35E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.00E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
884	474893.71, 3848380.61	2.54287	-3.22E-04	-1.50E-04	-2.97E-04	-1.11E-07	-3.36E-07	-1.95E-07	-9.10E-08	-8.25E-08	-3.76E-08	-7.43E-08	-3.72E-09	-8.98E-08	-1.98E-08	-1.24E-08	-1.96E-08	-3.45E-09	-4.90E-09	-1.54E-07
885	474893.71, 3848405.61	2.84842	-3.60E-04	-1.68E-04	-3.33E-04	-1.25E-07	-3.77E-07	-2.18E-07	-1.02E-07	-9.24E-08	-4.22E-08	-8.33E-08	-4.17E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.20E-08	-3.87E-09	-5.49E-09	-1.72E-07
886	474893.71, 3848430.61	3.15207	-3.99E-04	-1.86E-04	-3.68E-04	-1.38E-07	-4.17E-07	-2.41E-07	-1.13E-07	-1.02E-07	-4.66E-08	-9.21E-08	-4.61E-09	-1.11E-07	-2.46E-08	-1.53E-08	-2.43E-08	-4.28E-09	-6.08E-09	-1.90E-07
887	474893.71, 3848455.61	3.46382	-4.38E-04	-2.05E-04	-4.05E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.13E-08	-1.01E-07	-5.07E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.68E-09	-2.09E-07
888	474893.71, 3848480.61	3.85804	-4.88E-04	-2.28E-04	-4.51E-04	-1.69E-07	-5.10E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.71E-08	-1.13E-07	-5.64E-09	-1.36E-07	-3.01E-08	-1.87E-08	-2.97E-08	-5.24E-09	-7.44E-09	-2.33E-07
889	474893.71, 3848505.61	4.28513	-5.42E-04	-2.53E-04	-5.00E-04	-1.88E-07	-5.67E-07	-3.28E-07	-1.53E-07	-1.39E-07	-6.34E-08	-1.25E-07	-6.27E-09	-1.51E-07	-3.34E-08	-2.08E-08	-3.30E-08	-5.82E-09	-8.26E-09	-2.59E-07
890	474893.71, 3848530.61	4.78774	-6.06E-04	-2.83E-04	-5.59E-04	-2.10E-07	-6.33E-07	-3.66E-07	-1.71E-07	-1.55E-07	-7.09E-08	-1.40E-07	-7.00E-09	-1.69E-07	-3.73E-08	-2.33E-08	-3.69E-08	-6.50E-09	-9.23E-09	-2.89E-07
891	474893.71, 3848555.61	5.5065	-6.97E-04	-3.26E-04	-6.43E-04	-2.41E-07	-7.28E-07	-4.22E-07	-1.97E-07	-1.79E-07	-8.15E-08	-1.61E-07	-8.05E-09	-1.95E-07	-4.29E-08	-2.68E-08	-4.24E-08	-7.48E-09	-1.06E-08	-3.33E-07

892	474893.71, 3848580.61	6.55735	-8.30E-04	-3.88E-04	-7.66E-04	-2.87E-07	-8.67E-07	-5.02E-07	-2.35E-07	-2.13E-07	-9.70E-08	-1.92E-07	-9.59E-09	-2.32E-07	-5.11E-08	-3.19E-08	-5.05E-08	-8.91E-09	-1.26E-08	-3.96E-07
893	474893.71, 3848605.61	7.45109	-9.43E-04	-4.41E-04	-8.70E-04	-3.26E-07	-9.85E-07	-5.70E-07	-2.67E-07	-2.42E-07	-1.10E-07	-2.18E-07	-1.09E-08	-2.63E-07	-5.81E-08	-3.62E-08	-5.74E-08	-1.01E-08	-1.44E-08	-4.50E-07
894	474893.71, 3848630.61	8.87892	-1.12E-03	-5.25E-04	-1.04E-03	-3.89E-07	-1.17E-06	-6.80E-07	-3.18E-07	-2.88E-07	-1.31E-07	-2.60E-07	-1.30E-08	-3.14E-07	-6.92E-08	-4.31E-08	-6.84E-08	-1.21E-08	-1.71E-08	-5.37E-07
895	474893.71, 3848655.61	10.56919	-1.34E-03	-6.25E-04	-1.23E-03	-4.63E-07	-1.40E-06	-8.09E-07	-3.78E-07	-3.43E-07	-1.56E-07	-3.09E-07	-1.55E-08	-3.73E-07	-8.24E-08	-5.13E-08	-8.15E-08	-1.44E-08	-2.04E-08	-6.39E-07
896	474918.71, 3848330.61	1.95922	-2.48E-04	-1.16E-04	-2.29E-04	-8.58E-08	-2.59E-07	-1.50E-07	-7.01E-08	-6.35E-08	-2.90E-08	-5.73E-08	-2.87E-09	-6.92E-08	-1.53E-08	-9.52E-09	-1.51E-08	-2.66E-09	-3.78E-09	-1.18E-07
897	474918.71, 3848355.61	2.1526	-2.72E-04	-1.27E-04	-2.51E-04	-9.43E-08	-2.85E-07	-1.65E-07	-7.70E-08	-6.98E-08	-3.19E-08	-6.29E-08	-3.15E-09	-7.60E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
898	474918.71, 3848380.61	2.42861	-3.07E-04	-1.44E-04	-2.84E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.69E-08	-7.88E-08	-3.59E-08	-7.10E-08	-3.55E-09	-8.58E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.68E-09	-1.47E-07
899	474918.71, 3848405.61	2.65403	-3.36E-04	-1.57E-04	-3.10E-04	-1.16E-07	-3.51E-07	-2.03E-07	-9.50E-08	-8.61E-08	-3.93E-08	-7.76E-08	-3.88E-09	-9.38E-08	-2.07E-08	-1.29E-08	-2.05E-08	-3.60E-09	-5.12E-09	-1.60E-07
900	474918.71, 3848430.61	2.89682	-3.66E-04	-1.71E-04	-3.38E-04	-1.27E-07	-3.83E-07	-2.22E-07	-1.04E-07	-9.40E-08	-4.29E-08	-8.47E-08	-4.24E-09	-1.02E-07	-2.26E-08	-1.41E-08	-2.23E-08	-3.93E-09	-5.58E-09	-1.75E-07
901	474918.71, 3848455.61	3.18194	-4.03E-04	-1.88E-04	-3.72E-04	-1.39E-07	-4.21E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.71E-08	-9.30E-08	-4.65E-09	-1.12E-07	-2.48E-08	-1.55E-08	-2.45E-08	-4.32E-09	-6.13E-09	-1.92E-07
902	474918.71, 3848480.61	3.52962	-4.47E-04	-2.09E-04	-4.12E-04	-1.55E-07	-4.67E-07	-2.70E-07	-1.26E-07	-1.14E-07	-5.22E-08	-1.03E-07	-5.16E-09	-1.25E-07	-2.75E-08	-1.71E-08	-2.72E-08	-4.79E-09	-6.80E-09	-2.13E-07
903	474918.71, 3848505.61	3.88907	-4.92E-04	-2.30E-04	-4.54E-04	-1.70E-07	-5.14E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.76E-08	-1.14E-07	-5.69E-09	-1.37E-07	-3.03E-08	-1.89E-08	-3.00E-08	-5.28E-09	-7.50E-09	-2.35E-07
904	474918.71, 3848530.61	4.4679	-5.65E-04	-2.64E-04	-5.22E-04	-1.96E-07	-5.91E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.61E-08	-1.31E-07	-6.53E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.07E-09	-8.61E-09	-2.70E-07
905	474918.71, 3848555.61	5.03017	-6.36E-04	-2.97E-04	-5.87E-04	-2.20E-07	-6.65E-07	-3.85E-07	-1.80E-07	-1.63E-07	-7.44E-08	-1.47E-07	-7.36E-09	-1.78E-07	-3.92E-08	-2.44E-08	-3.88E-08	-6.83E-09	-9.70E-09	-3.04E-07
906	474918.71, 3848580.61	5.5564	-7.03E-04	-3.29E-04	-6.49E-04	-2.43E-07	-7.35E-07	-4.25E-07	-1.99E-07	-1.80E-07	-8.22E-08	-1.62E-07	-8.13E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.55E-09	-1.07E-08	-3.36E-07
907	474918.71, 3848605.61	6.36727	-8.06E-04	-3.77E-04	-7.44E-04	-2.79E-07	-8.42E-07	-4.87E-07	-2.28E-07	-2.07E-07	-9.42E-08	-1.86E-07	-9.31E-09	-2.25E-07	-4.96E-08	-3.09E-08	-4.91E-08	-8.65E-09	-1.23E-08	-3.85E-07
908	474918.71, 3848630.61	7.65347	-9.68E-04	-4.53E-04	-8.94E-04	-3.35E-07	-1.01E-06	-5.86E-07	-2.74E-07	-2.48E-07	-1.13E-07	-2.24E-07	-1.12E-08	-2.70E-07	-5.97E-08	-3.72E-08	-5.90E-08	-1.04E-08	-1.48E-08	-4.63E-07
909	474918.71, 3848655.61	9.06256	-1.15E-03	-5.36E-04	-1.06E-03	-3.97E-07	-1.20E-06	-6.94E-07	-3.24E-07	-2.94E-07	-1.34E-07	-2.65E-07	-1.33E-08	-3.20E-07	-7.06E-08	-4.40E-08	-6.98E-08	-1.23E-08	-1.75E-08	-5.48E-07
910	474918.71, 3848680.61	10.79659	-1.37E-03	-6.38E-04	-1.26E-03	-4.73E-07	-1.43E-06	-8.26E-07	-3.86E-07	-3.50E-07	-1.60E-07	-3.16E-07	-1.58E-08	-3.81E-07	-8.42E-08	-5.24E-08	-8.32E-08	-1.47E-08	-2.08E-08	-6.52E-07
911	474943.71, 3848330.61	1.87348	-2.37E-04	-1.11E-04	-2.19E-04	-8.20E-08	-2.48E-07	-1.43E-07	-6.70E-08	-6.08E-08	-2.77E-08	-5.48E-08	-2.74E-09	-6.62E-08	-1.46E-08	-9.10E-09	-1.44E-08	-2.54E-09	-3.61E-09	-1.13E-07
912	474943.71, 3848355.61	2.04718	-2.59E-04	-1.21E-04	-2.39E-04	-8.97E-08	-2.71E-07	-1.57E-07	-7.32E-08	-6.64E-08	-3.03E-08	-5.98E-08	-2.99E-09	-7.23E-08	-1.60E-08	-9.95E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
913	474943.71, 3848380.61	2.26844	-2.87E-04	-1.34E-04	-2.65E-04	-9.93E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.63E-08	-3.32E-09	-8.01E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
914	474943.71, 3848405.61	2.45852	-3.11E-04	-1.45E-04	-2.87E-04	-1.08E-07	-3.25E-07	-1.88E-07	-8.80E-08	-7.97E-08	-3.64E-08	-7.19E-08	-3.60E-09	-8.68E-08	-1.92E-08	-1.19E-08	-1.89E-08	-3.34E-09	-4.74E-09	-1.49E-07
915	474943.71, 3848430.61	2.6882	-3.40E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.55E-07	-2.06E-07	-9.62E-08	-8.72E-08	-3.98E-08	-7.86E-08	-3.93E-09	-9.50E-08	-2.10E-08	-1.31E-08	-2.07E-08	-3.65E-09	-5.18E-09	-1.62E-07
916	474943.71, 3848455.61	2.96346	-3.75E-04	-1.75E-04	-3.46E-04	-1.30E-07	-3.92E-07	-2.27E-07	-1.06E-07	-9.61E-08	-4.39E-08	-8.66E-08	-4.33E-09	-1.05E-07	-2.31E-08	-1.44E-08	-2.28E-08	-4.02E-09	-5.71E-09	-1.79E-07
917	474943.71, 3848480.61	3.24789	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.81E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
918	474943.71, 3848505.61	3.76608	-4.76E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.98E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.90E-08	-5.12E-09	-7.26E-09	-2.28E-07
919	474943.71, 3848530.61	4.09788	-5.18E-04	-2.42E-04	-4.79E-04	-1.79E-07	-5.42E-07	-3.14E-07	-1.47E-07	-1.33E-07	-6.06E-08	-1.20E-07	-5.99E-09	-1.45E-07	-3.19E-08	-1.99E-08	-3.16E-08	-5.57E-09	-7.90E-09	-2.48E-07
920	474943.71, 3848555.61	4.45102	-5.63E-04	-2.63E-04	-5.20E-04	-1.95E-07	-5.89E-07	-3.41E-07	-1.59E-07	-1.44E-07	-6.59E-08	-1.30E-07	-6.51E-09	-1.57E-07	-3.47E-08	-2.16E-08	-3.43E-08	-6.05E-09	-8.58E-09	-2.69E-07
921	474943.71, 3848580.61	4.9355	-6.24E-04	-2.92E-04	-5.76E-04	-2.16E-07	-6.53E-07	-3.78E-07	-1.77E-07	-1.60E-07	-7.30E-08	-1.44E-07	-7.22E-09	-1.74E-07	-3.85E-08	-2.40E-08	-3.80E-08	-6.70E-09	-9.52E-09	-2.98E-07
922	474943.71, 3848605.61	5.58422	-7.06E-04	-3.30E-04	-6.52E-04	-2.45E-07	-7.38E-07	-4.27E-07	-2.00E-07	-1.81E-07	-8.26E-08	-1.63E-07	-8.17E-09	-1.97E-07	-4.35E-08	-2.71E-08	-4.30E-08	-7.58E-09	-1.08E-08	-3.37E-07
923	474943.71, 3848630.61	6.65854	-8.42E-04	-3.94E-04	-7.78E-04	-2.92E-07	-8.80E-07	-5.10E-07	-2.38E-07	-2.16E-07	-9.85E-08	-1.95E-07	-9.74E-09	-2.35E-07	-5.19E-08	-3.23E-08	-5.13E-08	-9.04E-09	-1.28E-08	-4.02E-07
924	474943.71, 3848655.61	7.85213	-9.93E-04	-4.64E-04	-9.17E-04	-3.44E-07	-1.04E-06	-6.01E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.29E-07	-1.15E-08	-2.77E-07	-6.12E-08	-3.81E-08	-6.05E-08	-1.07E-08	-1.51E-08	-4.75E-07
925	474943.71, 3848680.61	9.2213	-1.17E-03	-5.45E-04	-1.08E-03	-4.04E-07	-1.22E-06	-7.06E-07	-3.30E-07	-2.99E-07	-1.36E-07	-2.70E-07	-1.35E-08	-3.26E-07	-7.19E-08	-4.48E-08	-7.11E-08	-1.25E-08	-1.78E-08	-5.57E-07
926	474943.71, 3848705.61	11.07026	-1.40E-03	-6.55E-04	-1.29E-03	-4.85E-07	-1.46E-06	-8.47E-07	-3.96E-07	-3.59E-07	-1.64E-07	-3.24E-07	-1.62E-08	-3.91E-07	-8.63E-08	-5.38E-08	-8.53E-08	-1.50E-08	-2.13E-08	-6.69E-07
927	474968.71, 3848355.61	1.92168	-2.43E-04	-1.14E-04	-2.24E-04	-8.42E-08	-2.54E-07	-1.47E-07	-6.88E-08	-6.23E-08	-2.84E-08	-5.62E-08	-2.81E-09	-6.79E-08	-1.50E-08	-9.34E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
928	474968.71, 3848380.61	2.07102	-2.62E-04	-1.22E-04	-2.42E-04	-9.07E-08	-2.74E-07	-1.59E-07	-7.41E-08	-6.72E-08	-3.07E-08	-6.05E-08	-3.03E-09	-7.32E-08	-1.61E-08	-1.01E-08	-1.60E-08	-2.81E-09	-3.99E-09	-1.25E-07
929	474968.71, 3848405.61	2.24719	-2.84E-04	-1.33E-04	-2.62E-04	-9.84E-08	-2.97E-07	-1.72E-07	-8.04E-08	-7.29E-08	-3.33E-08	-6.57E-08	-3.29E-09	-7.94E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.33E-09	-1.36E-07
930	474968.71, 3848430.61	2.55578	-3.23E-04	-1.51E-04	-2.98E-04	-1.12E-07	-3.38E-07	-1.96E-07	-9.14E-08	-8.29E-08	-3.78E-08	-7.47E-08	-3.74E-09	-9.03E-08	-1.99E-08	-1.24E-08	-1.97E-08	-3.47E-09	-4.93E-09	-1.54E-07
931	474968.71, 3848455.61	2.94574	-3.73E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.90E-07	-2.25E-07	-1.05E-07	-9.55E-08	-4.36E-08	-8.61E-08	-4.31E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.68E-09	-1.78E-07
932	474968.71, 3848480.61	3.03619	-3.84E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.01E-07	-2.32E-07	-1.09E-07	-9.85E-08	-4.49E-08	-8.87E-08	-4.44E-09	-1.07E-07	-2.37E-08	-1.47E-08	-2.34E-08	-4.12E-09	-5.85E-09	-1.83E-07
933	474968.71, 3848505.61	3.41262	-4.32E-04	-2.02E-04	-3.99E-04	-1.49E-07	-4.51E-07	-2.61E-07	-1.22E-07	-1.11E-07	-5.05E-08	-9.97E-08	-4.99E-09	-1.21E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.63E-09	-6.58E-09	-2.06E-07
934	474968.71, 3848530.61	3.67395	-4.65E-04	-2.17E-04	-4.29E-04	-1.61E-07	-4.86E-07	-2.81E-07	-1.31E-07	-1.19E-07	-5.44E-08	-1.07E-07	-5.37E-09	-1.30E-07	-2.86E-08	-1.78E-08	-2.83E-08	-4.99E-09	-7.08E-09	-2.22E-07
935	474968.71, 3848555.61	4.00741	-5.07E-04	-2.37E-04	-4.68E-04	-1.76E-07	-5.30E-07	-3.07E-07	-1.43E-07	-1.30E-07	-5.93E-08	-1.17E-07	-5.86E-09	-1.42E-07	-3.12E-08	-1.95E-08	-3.09E-08	-5.44E-09	-7.73E-09	-2.42E-07
936	474968.71, 3848580.61	4.49219	-5.68E-04	-2.66E-04	-5.25E-04	-1.97E-07	-5.94E-07	-3.44E-07	-1.61E-07	-1.46E-07	-6.65E-08	-1.31E-07	-6.57E-09	-1.59E-07	-3.50E-08	-2.18E-08	-3.46E-08	-6.10E-09	-8.66E-09	-2.71E-07
937	474968.71, 3848605.61	5.08856	-6.44E-04	-3.01E-04	-5.94E-04	-2.23E-07	-6.73E-07	-3.90E-07	-1.82E-07	-1.65E-07	-7.53E-08	-1.49E-07	-7.44E-09	-1.80E-07	-3.97E-08	-2.47E-08	-3.92E-08	-6.91E-09	-9.81E-09	-3.08E-07
938	474968.71, 3848630.61	5.75383	-7.28E-04	-3.40E-04	-6.72E-04	-2.52E-07	-7.61E-07	-4.40E-07	-2.06E-07	-1.87E-07	-8.52E-08	-1.68E-07	-8.41E-09	-2.03E-07	-4.49E-08	-2.80E-08	-4.43E-08	-7.81E-09	-1.11E-08	-3.48E-07
939	474968.71, 3848655.61	6.8767	-8.70E-04	-4.07E-04	-8.03E-04	-3.01E-07	-9.09E-07	-5.26E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.43E-07	-5.36E-08	-3.34E-08	-5.30E-08	-9.34E-09	-1.33E-08	-4.16E-07
940	474968.71, 3848680.61	8.04132	-1.02E-03	-4.76E-04	-9.39E-04	-3.52E-07	-1.06E-06	-6.16E-07	-2.88E-07	-2.61E-07	-1.19E-07	-2.35E-07	-1.18E-08	-2.84E-07	-6.27E-08	-3.91E-08	-6.20E-08	-1.09E-08	-1.55E-08	-4.86E-07
941	474968.71, 3848705.61	9.46095	-1.20E-03	-5.59E-04	-1.10E-03	-4.14E-07	-1.25E-06	-7.24E-07	-3.39E-07	-3.07E-07	-1.40E-07	-2.77E-07	-1.38E-08	-3.34E-07	-7.37E-08	-4.60E-08	-7.29E-08	-1.28E-08	-1.82E-08	-5.72E-07
942	474968.71, 3848730.61	11.36412	-1.44E-03	-6.72E-04	-1.33E-03	-4.98E-07	-1.50E-06	-8.70E-07	-4.07E-07	-3.69E-07	-1.68E-07	-3.32E-07	-1.66E-08	-4.01E-07	-8.86E-08	-5.52E-08	-8.76E-08	-1.54E-08	-2.19E-08	-6.87E-07
943	474993.71, 3848380.61	2.19105	-2.77E-04	-1.30E-04	-2.56E-04	-9.60E-08	-2.90E-07	-1.68E-07	-7.84E-08	-7.11E-08	-3.24E-08	-6.40E-08	-3.20E-09	-7.74E-08	-1.71E-08	-1.06E-08	-1.69E-08	-2.98E-09	-4.22E-09	-1.32E-07
944	474993.71, 3848405.61	2.36876	-3.00E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.13E-07	-1.81E-07	-8.48E-08	-7.68E-08	-3.51E-08	-6.92E-08	-3.46E-09	-8.37E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.22E-09	-4.57E-09	-1.43E-07
945	474993.71, 3848430.61	2.49607	-3.16E-04	-1.48E-04	-2.91E-04	-1.09E-07	-3.30E-07	-1.91E-07	-8.93E-08	-8.10E-08	-3.69E-08	-7.30E-08	-3.65E-09	-8.82E-08	-1.95E-08	-1.21E-08	-1.92E-08	-3.39E-09	-4.81E-09	-1.51E-07
946	474993.71, 3848455.61	2.6374	-3.34E-04	-1.56E-04	-3.08E-04	-1.16E-07	-3.49E-07	-2.02E-07	-9.44E-08	-8.55E-08	-3.90E-08	-7.71E-08	-3.86E-09	-9.32E-08	-2.06E-08	-1.28E-08	-2.03E-08	-3.58E-09	-5.08E-09	-1.59E-07
947	474993.71, 3848480.61	2.83103	-3.58E-04	-1.67E-04	-3.31E-04	-1.24E-07	-3.74E-07	-2.17E-07	-1.01E-07	-9.18E-08	-4.19E-08	-8.27E-08	-4.14E-09	-1.00E-07	-2.21E-08	-1.38E-08	-2.18E-08	-3.85E-09	-5.46E-09	-1.71E-07
948	474993.71, 3848505.61	3.09504	-3.92E-04	-1.83E-04	-3.61E-04	-1.36E-07	-4.09E-07	-2.37E-07	-1.11E-07	-1.00E-07	-4.58E-08	-9.05E-08	-4.53E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.39E-08	-4.20E-09	-5.97E-09	-1.87E-07
949	474993.71, 3848530.61	3.38895	-4.29E-04	-2.00E-04	-3.96E-04	-1.48E-07	-4.48E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.02E-08	-9.91E-08	-4.96E-09	-1.20E-07	-2.64E-08	-1.65E-08	-2.61E-08	-4.60E-09	-6.53E-09	-2.05E-07
950	474993.71, 3848555.61	3.73348	-4.72E-04	-2.21E-04	-4.36E-04	-1.64E-07	-4.94E-07	-2.86E-07	-1.34E-07	-1.21E-07	-5.53E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.88E-08	-5.07E-09	-7.20E-09	-2.26E-07
951	474993.71, 3848580.61	4.15289	-5.25E-04	-2.46E-04	-4.85E-04	-1.82E-07	-5.49E-07	-3.18E-07	-1.49E-07	-1.35E-07	-6.15E-08	-1.21E-07	-6.07E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.20E-08	-5.64E-09	-8.01E-09	-2.51E-07
952	474993.71, 3848605.61	4.67124	-5.91E-04	-2.76E-04	-5.46E-04	-2.05E-07	-6.18E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.91E-08	-1.37E-07	-6.83E-09	-1.65E-07	-3.64E-08	-2.27E-08	-3.60E-08	-6.34E-09	-9.01E-09	-2.82E-07
953	474993.71, 3848630.61	5.25048	-6.64E-04	-3.10E-04	-6.13E-04	-2.30E-07	-6.94E-07	-4.02E-07	-1.88E-07	-1.70E-07	-7.77E-08	-1.53E-07	-7.68E-09	-1.85E-07	-4.09E-08	-2.55E-08	-4.05E-08	-7.13E-09	-1.01E-08	-3.17E-07
954	474993.71, 3848655.61	5.92084	-7.49E-04	-3.50E-04	-6.91E-04	-2.59E-07	-7.83E-07	-4.53E-07	-2.12E-07	-1.92E-07	-8.76E-08	-1.73E-07	-8.66E-09	-2.09E-07	-4.62E-08	-2.88E-08	-4.56E-08	-8.04E-09	-1.14E-08	-3.58E-07
955	474993.71, 3848680.61	7.0766	-8.95E-04	-4.18E-04	-8.26E-04	-3.10E-07	-9.36E-07	-5.42E-07	-2.53E-07	-2.30E-07	-1.05E-07	-2.07E-07	-1.03E-08	-2.50E-07	-5.52E-08	-3.44E-08	-5.45E-08	-9.61E-09	-1.36E-08	-4.28E-07

956	474993.71, 3848705.61	8.26519	-1.05E-03	-4.89E-04	-9.65E-04	-3.62E-07	-1.09E-06	-6.33E-07	-2.96E-07	-2.68E-07	-1.22E-07	-2.42E-07	-1.21E-08	-2.92E-07	-6.44E-08	-4.02E-08	-6.37E-08	-1.12E-08	-1.59E-08	-4.99E-07
957	474993.71, 3848730.61	9.73658	-1.23E-03	-5.76E-04	-1.14E-03	-4.26E-07	-1.29E-06	-7.45E-07	-3.48E-07	-3.16E-07	-1.44E-07	-2.85E-07	-1.42E-08	-3.44E-07	-7.59E-08	-4.73E-08	-7.50E-08	-1.32E-08	-1.88E-08	-5.88E-07
958	474993.71, 3848755.61	11.71607	-1.48E-03	-6.93E-04	-1.37E-03	-5.13E-07	-1.55E-06	-8.97E-07	-4.19E-07	-3.80E-07	-1.73E-07	-3.42E-07	-1.71E-08	-4.14E-07	-9.13E-08	-5.69E-08	-9.03E-08	-1.59E-08	-2.26E-08	-7.08E-07
959	475018.71, 3848405.61	2.04217	-2.58E-04	-1.21E-04	-2.38E-04	-8.94E-08	-2.70E-07	-1.56E-07	-7.31E-08	-6.62E-08	-3.02E-08	-5.97E-08	-2.99E-09	-7.21E-08	-1.59E-08	-9.92E-09	-1.57E-08	-2.77E-09	-3.94E-09	-1.23E-07
960	475018.71, 3848430.61	2.16825	-2.74E-04	-1.28E-04	-2.53E-04	-9.50E-08	-2.87E-07	-1.66E-07	-7.76E-08	-7.03E-08	-3.21E-08	-6.34E-08	-3.17E-09	-7.66E-08	-1.69E-08	-1.05E-08	-1.67E-08	-2.94E-09	-4.18E-09	-1.31E-07
961	475018.71, 3848455.61	2.37525	-3.01E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.70E-08	-3.52E-08	-6.94E-08	-3.47E-09	-8.39E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
962	475018.71, 3848480.61	2.6451	-3.35E-04	-1.56E-04	-3.09E-04	-1.16E-07	-3.50E-07	-2.02E-07	-9.46E-08	-8.58E-08	-3.91E-08	-7.73E-08	-3.87E-09	-9.34E-08	-2.06E-08	-1.28E-08	-2.04E-08	-3.59E-09	-5.10E-09	-1.60E-07
963	475018.71, 3848505.61	2.90913	-3.68E-04	-1.72E-04	-3.40E-04	-1.27E-07	-3.85E-07	-2.23E-07	-1.04E-07	-9.44E-08	-4.31E-08	-8.50E-08	-4.25E-09	-1.03E-07	-2.27E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.61E-09	-1.76E-07
964	475018.71, 3848530.61	3.19618	-4.04E-04	-1.89E-04	-3.73E-04	-1.40E-07	-4.23E-07	-2.45E-07	-1.14E-07	-1.04E-07	-4.73E-08	-9.34E-08	-4.67E-09	-1.13E-07	-2.49E-08	-1.55E-08	-2.46E-08	-4.34E-09	-6.16E-09	-1.93E-07
965	475018.71, 3848555.61	3.51772	-4.45E-04	-2.08E-04	-4.11E-04	-1.54E-07	-4.65E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.21E-08	-1.03E-07	-5.14E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.78E-09	-6.78E-09	-2.13E-07
966	475018.71, 3848580.61	3.89155	-4.92E-04	-2.30E-04	-4.54E-04	-1.70E-07	-5.15E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.76E-08	-1.14E-07	-5.69E-09	-1.37E-07	-3.03E-08	-1.89E-08	-3.00E-08	-5.29E-09	-7.50E-09	-2.35E-07
967	475018.71, 3848605.61	4.33182	-5.48E-04	-2.56E-04	-5.06E-04	-1.90E-07	-5.73E-07	-3.32E-07	-1.55E-07	-1.41E-07	-6.41E-08	-1.27E-07	-6.33E-09	-1.53E-07	-3.38E-08	-2.10E-08	-3.34E-08	-5.88E-09	-8.35E-09	-2.62E-07
968	475018.71, 3848630.61	4.80655	-6.08E-04	-2.84E-04	-5.61E-04	-2.11E-07	-6.36E-07	-3.68E-07	-1.72E-07	-1.56E-07	-7.11E-08	-1.40E-07	-7.03E-09	-1.70E-07	-3.75E-08	-2.33E-08	-3.70E-08	-6.53E-09	-9.27E-09	-2.90E-07
969	475018.71, 3848655.61	5.35631	-6.78E-04	-3.17E-04	-6.26E-04	-2.35E-07	-7.08E-07	-4.10E-07	-1.92E-07	-1.74E-07	-7.93E-08	-1.57E-07	-7.83E-09	-1.89E-07	-4.18E-08	-2.60E-08	-4.13E-08	-7.27E-09	-1.03E-08	-3.24E-07
970	475018.71, 3848680.61	6.33368	-8.01E-04	-3.75E-04	-7.40E-04	-2.77E-07	-8.38E-07	-4.85E-07	-2.27E-07	-2.05E-07	-9.37E-08	-1.85E-07	-9.26E-09	-2.24E-07	-4.94E-08	-3.08E-08	-4.88E-08	-8.60E-09	-1.22E-08	-3.83E-07
971	475018.71, 3848705.61	7.41569	-9.38E-04	-4.39E-04	-8.66E-04	-3.25E-07	-9.81E-07	-5.68E-07	-2.65E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.08E-08	-2.62E-07	-5.78E-08	-3.60E-08	-5.71E-08	-1.01E-08	-1.43E-08	-4.48E-07
972	475018.71, 3848730.61	8.59043	-1.09E-03	-5.08E-04	-1.00E-03	-3.76E-07	-1.14E-06	-6.58E-07	-3.07E-07	-2.79E-07	-1.27E-07	-2.51E-07	-1.26E-08	-3.03E-07	-6.70E-08	-4.17E-08	-6.62E-08	-1.17E-08	-1.66E-08	-5.19E-07
973	475018.71, 3848755.61	10.0664	-1.27E-03	-5.95E-04	-1.18E-03	-4.41E-07	-1.33E-06	-7.71E-07	-3.60E-07	-3.27E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.56E-07	-7.85E-08	-4.89E-08	-7.76E-08	-1.37E-08	-1.94E-08	-6.08E-07
974	475018.71, 3848780.61	12.09029	-1.53E-03	-7.15E-04	-1.41E-03	-5.29E-07	-1.60E-06	-9.26E-07	-4.33E-07	-3.92E-07	-1.79E-07	-3.53E-07	-1.77E-08	-4.27E-07	-9.42E-08	-5.87E-08	-9.32E-08	-1.64E-08	-2.33E-08	-7.31E-07
975	475043.71, 3848430.61	2.01336	-2.55E-04	-1.19E-04	-2.35E-04	-8.82E-08	-2.66E-07	-1.54E-07	-7.20E-08	-6.53E-08	-2.98E-08	-5.88E-08	-2.94E-09	-7.11E-08	-1.57E-08	-9.78E-09	-1.55E-08	-2.73E-09	-3.88E-09	-1.22E-07
976	475043.71, 3848455.61	2.24572	-2.84E-04	-1.33E-04	-2.62E-04	-9.84E-08	-2.97E-07	-1.72E-07	-8.04E-08	-7.28E-08	-3.32E-08	-6.56E-08	-3.28E-09	-7.93E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.33E-09	-1.36E-07
977	475043.71, 3848480.61	2.49709	-3.16E-04	-1.48E-04	-2.92E-04	-1.09E-07	-3.30E-07	-1.91E-07	-8.93E-08	-8.10E-08	-3.70E-08	-7.30E-08	-3.65E-09	-8.82E-08	-1.95E-08	-1.21E-08	-1.92E-08	-3.39E-09	-4.81E-09	-1.51E-07
978	475043.71, 3848505.61	2.74812	-3.48E-04	-1.63E-04	-3.21E-04	-1.20E-07	-3.63E-07	-2.10E-07	-9.83E-08	-8.91E-08	-4.07E-08	-8.03E-08	-4.02E-09	-9.71E-08	-2.14E-08	-1.34E-08	-2.12E-08	-3.73E-09	-5.30E-09	-1.66E-07
979	475043.71, 3848530.61	3.02543	-3.83E-04	-1.79E-04	-3.53E-04	-1.32E-07	-4.00E-07	-2.32E-07	-1.08E-07	-9.81E-08	-4.48E-08	-8.84E-08	-4.42E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.83E-09	-1.83E-07
980	475043.71, 3848555.61	3.33216	-4.22E-04	-1.97E-04	-3.89E-04	-1.46E-07	-4.41E-07	-2.55E-07	-1.19E-07	-1.08E-07	-4.93E-08	-9.74E-08	-4.87E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.53E-09	-6.42E-09	-2.01E-07
981	475043.71, 3848580.61	3.67186	-4.65E-04	-2.17E-04	-4.29E-04	-1.61E-07	-4.86E-07	-2.81E-07	-1.31E-07	-1.19E-07	-5.43E-08	-1.07E-07	-5.37E-09	-1.30E-07	-2.86E-08	-1.78E-08	-2.83E-08	-4.99E-09	-7.08E-09	-2.22E-07
982	475043.71, 3848605.61	4.03332	-5.10E-04	-2.39E-04	-4.71E-04	-1.77E-07	-5.33E-07	-3.09E-07	-1.44E-07	-1.31E-07	-5.97E-08	-1.18E-07	-5.90E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.11E-08	-5.48E-09	-7.78E-09	-2.44E-07
983	475043.71, 3848630.61	4.30707	-5.45E-04	-2.55E-04	-5.03E-04	-1.89E-07	-5.70E-07	-3.30E-07	-1.54E-07	-1.40E-07	-6.37E-08	-1.26E-07	-6.30E-09	-1.52E-07	-3.36E-08	-2.09E-08	-3.32E-08	-5.85E-09	-8.30E-09	-2.60E-07
984	475043.71, 3848655.61	4.90092	-6.20E-04	-2.90E-04	-5.72E-04	-2.15E-07	-6.48E-07	-3.75E-07	-1.75E-07	-1.59E-07	-7.25E-08	-1.43E-07	-7.17E-09	-1.73E-07	-3.82E-08	-2.38E-08	-3.78E-08	-6.66E-09	-9.45E-09	-2.96E-07
985	475043.71, 3848680.61	5.73992	-7.26E-04	-3.39E-04	-6.70E-04	-2.51E-07	-7.59E-07	-4.39E-07	-2.05E-07	-1.86E-07	-8.49E-08	-1.68E-07	-8.39E-09	-2.03E-07	-4.47E-08	-2.79E-08	-4.42E-08	-7.80E-09	-1.11E-08	-3.47E-07
986	475043.71, 3848705.61	6.733	-8.52E-04	-3.98E-04	-7.86E-04	-2.95E-07	-8.90E-07	-5.15E-07	-2.41E-07	-2.18E-07	-9.96E-08	-1.97E-07	-9.85E-09	-2.38E-07	-5.25E-08	-3.27E-08	-5.19E-08	-9.14E-09	-1.30E-08	-4.07E-07
987	475043.71, 3848730.61	7.66809	-9.70E-04	-4.53E-04	-8.96E-04	-3.36E-07	-1.01E-06	-5.87E-07	-2.74E-07	-2.49E-07	-1.13E-07	-2.24E-07	-1.12E-08	-2.71E-07	-5.98E-08	-3.73E-08	-5.91E-08	-1.04E-08	-1.48E-08	-4.63E-07
988	475043.71, 3848755.61	8.83412	-1.12E-03	-5.22E-04	-1.03E-03	-3.87E-07	-1.17E-06	-6.76E-07	-3.16E-07	-2.87E-07	-1.31E-07	-2.58E-07	-1.29E-08	-3.12E-07	-6.89E-08	-4.29E-08	-6.81E-08	-1.20E-08	-1.70E-08	-5.34E-07
989	475043.71, 3848780.61	10.32208	-1.31E-03	-6.10E-04	-1.21E-03	-4.52E-07	-1.36E-06	-7.90E-07	-3.69E-07	-3.35E-07	-1.53E-07	-3.02E-07	-1.51E-08	-3.65E-07	-8.05E-08	-5.01E-08	-7.95E-08	-1.40E-08	-1.99E-08	-6.24E-07
990	475043.71, 3848805.61	12.46003	-1.58E-03	-7.37E-04	-1.46E-03	-5.46E-07	-1.65E-06	-9.54E-07	-4.46E-07	-4.04E-07	-1.84E-07	-3.64E-07	-1.82E-08	-4.40E-07	-9.71E-08	-6.05E-08	-9.60E-08	-1.69E-08	-2.40E-08	-7.53E-07
991	475068.71, 3848455.61	2.10356	-2.66E-04	-1.24E-04	-2.46E-04	-9.21E-08	-2.78E-07	-1.61E-07	-7.53E-08	-6.82E-08	-3.11E-08	-6.15E-08	-3.08E-09	-7.43E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
992	475068.71, 3848480.61	2.37139	-3.00E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.48E-08	-7.69E-08	-3.51E-08	-6.93E-08	-3.47E-09	-8.38E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.22E-09	-4.57E-09	-1.43E-07
993	475068.71, 3848505.61	2.6049	-3.30E-04	-1.54E-04	-3.04E-04	-1.14E-07	-3.44E-07	-1.99E-07	-9.32E-08	-8.45E-08	-3.86E-08	-7.61E-08	-3.81E-09	-9.20E-08	-2.03E-08	-1.27E-08	-2.01E-08	-3.54E-09	-5.02E-09	-1.57E-07
994	475068.71, 3848530.61	2.86833	-3.63E-04	-1.70E-04	-3.35E-04	-1.26E-07	-3.79E-07	-2.20E-07	-1.03E-07	-9.30E-08	-4.25E-08	-8.38E-08	-4.19E-09	-1.01E-07	-2.24E-08	-1.39E-08	-2.21E-08	-3.90E-09	-5.53E-09	-1.73E-07
995	475068.71, 3848555.61	3.153	-3.99E-04	-1.86E-04	-3.68E-04	-1.38E-07	-4.17E-07	-2.41E-07	-1.13E-07	-1.02E-07	-4.67E-08	-9.22E-08	-4.61E-09	-1.11E-07	-2.46E-08	-1.53E-08	-2.43E-08	-4.28E-09	-6.08E-09	-1.91E-07
996	475068.71, 3848580.61	3.44297	-4.36E-04	-2.04E-04	-4.02E-04	-1.51E-07	-4.55E-07	-2.64E-07	-1.23E-07	-1.12E-07	-5.10E-08	-1.01E-07	-5.04E-09	-1.22E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.68E-09	-6.64E-09	-2.08E-07
997	475068.71, 3848605.61	3.71379	-4.70E-04	-2.20E-04	-4.34E-04	-1.63E-07	-4.91E-07	-2.84E-07	-1.33E-07	-1.20E-07	-5.50E-08	-1.09E-07	-5.43E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.86E-08	-5.04E-09	-7.16E-09	-2.24E-07
998	475068.71, 3848630.61	3.9245	-4.97E-04	-2.32E-04	-4.58E-04	-1.72E-07	-5.19E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.81E-08	-1.15E-07	-5.74E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.02E-08	-5.33E-09	-7.57E-09	-2.37E-07
999	475068.71, 3848655.61	4.54492	-5.75E-04	-2.69E-04	-5.31E-04	-1.99E-07	-6.01E-07	-3.48E-07	-1.63E-07	-1.47E-07	-6.73E-08	-1.33E-07	-6.65E-09	-1.61E-07	-3.54E-08	-2.21E-08	-3.50E-08	-6.17E-09	-8.76E-09	-2.75E-07
1000	475068.71, 3848680.61	5.18991	-6.57E-04	-3.07E-04	-6.06E-04	-2.27E-07	-6.86E-07	-3.97E-07	-1.86E-07	-1.68E-07	-7.68E-08	-1.52E-07	-7.59E-09	-1.83E-07	-4.05E-08	-2.52E-08	-4.00E-08	-7.05E-09	-1.00E-08	-3.14E-07
1001	475068.71, 3848705.61	6.11045	-7.73E-04	-3.61E-04	-7.14E-04	-2.68E-07	-8.08E-07	-4.68E-07	-2.19E-07	-1.98E-07	-9.04E-08	-1.79E-07	-8.94E-09	-2.16E-07	-4.76E-08	-2.97E-08	-4.71E-08	-8.30E-09	-1.18E-08	-3.69E-07
1002	475068.71, 3848730.61	6.90513	-8.74E-04	-4.08E-04	-8.06E-04	-3.02E-07	-9.13E-07	-5.29E-07	-2.47E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.38E-08	-3.35E-08	-5.32E-08	-9.38E-09	-1.33E-08	-4.17E-07
1003	475068.71, 3848755.61	7.86456	-9.95E-04	-4.65E-04	-9.18E-04	-3.44E-07	-1.04E-06	-6.02E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.13E-08	-3.82E-08	-6.06E-08	-1.07E-08	-1.52E-08	-4.75E-07
1004	475068.71, 3848780.61	9.04065	-1.14E-03	-5.35E-04	-1.06E-03	-3.96E-07	-1.20E-06	-6.92E-07	-3.23E-07	-2.93E-07	-1.34E-07	-2.64E-07	-1.32E-08	-3.19E-07	-7.05E-08	-4.39E-08	-6.97E-08	-1.23E-08	-1.74E-08	-5.46E-07
1005	475068.71, 3848805.61	10.58417	-1.34E-03	-6.26E-04	-1.24E-03	-4.64E-07	-1.40E-06	-8.10E-07	-3.79E-07	-3.43E-07	-1.57E-07	-3.09E-07	-1.55E-08	-3.74E-07	-8.25E-08	-5.14E-08	-8.16E-08	-1.44E-08	-2.04E-08	-6.40E-07
1006	475068.71, 3848830.61	12.82574	-1.62E-03	-7.58E-04	-1.50E-03	-5.62E-07	-1.70E-06	-9.82E-07	-4.59E-07	-4.16E-07	-1.90E-07	-3.75E-07	-1.88E-08	-4.53E-07	-1.00E-07	-6.23E-08	-9.88E-08	-1.74E-08	-2.47E-08	-7.75E-07
1007	475093.71, 3848480.61	2.26344	-2.86E-04	-1.34E-04	-2.64E-04	-9.91E-08	-2.99E-07	-1.73E-07	-8.10E-08	-7.34E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.00E-08	-1.76E-08	-1.10E-08	-1.74E-08	-3.07E-09	-4.36E-09	-1.37E-07
1008	475093.71, 3848505.61	2.50317	-3.17E-04	-1.48E-04	-2.92E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.96E-08	-8.12E-08	-3.70E-08	-7.32E-08	-3.66E-09	-8.84E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.83E-09	-1.51E-07
1009	475093.71, 3848530.61	2.74728	-3.48E-04	-1.62E-04	-3.21E-04	-1.20E-07	-3.63E-07	-2.10E-07	-9.83E-08	-8.91E-08	-4.07E-08	-8.03E-08	-4.02E-09	-9.70E-08	-2.14E-08	-1.33E-08	-2.12E-08	-3.73E-09	-5.30E-09	-1.66E-07
1010	475093.71, 3848555.61	2.99344	-3.79E-04	-1.77E-04	-3.50E-04	-1.31E-07	-3.96E-07	-2.29E-07	-1.07E-07	-9.71E-08	-4.43E-08	-8.75E-08	-4.38E-09	-1.06E-07	-2.33E-08	-1.45E-08	-2.31E-08	-4.07E-09	-5.77E-09	-1.81E-07
1011	475093.71, 3848580.61	3.21831	-4.07E-04	-1.90E-04	-3.76E-04	-1.41E-07	-4.26E-07	-2.46E-07	-1.15E-07	-1.04E-07	-4.76E-08	-9.41E-08	-4.71E-09	-1.14E-07	-2.51E-08	-1.56E-08	-2.48E-08	-4.37E-09	-6.20E-09	-1.94E-07
1012	475093.71, 3848605.61	3.41717	-4.32E-04	-2.02E-04	-3.99E-04	-1.50E-07	-4.52E-07	-2.62E-07	-1.22E-07	-1.11E-07	-5.06E-08	-9.99E-08	-5.00E-09	-1.21E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.64E-09	-6.59E-09	-2.07E-07
1013	475093.71, 3848630.61	3.76021	-4.76E-04	-2.22E-04	-4.39E-04	-1.65E-07	-4.97E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.50E-09	-1.33E-07	-2.93E-08	-1.83E-08	-2.90E-08	-5.11E-09	-7.25E-09	-2.27E-07
1014	475093.71, 3848655.61	4.28476	-5.42E-04	-2.53E-04	-5.00E-04	-1.88E-07	-5.67E-07	-3.28E-07	-1.53E-07	-1.39E-07	-6.34E-08	-1.25E-07	-6.27E-09	-1.51E-07	-3.34E-08	-2.08E-08	-3.30E-08	-5.82E-09	-8.26E-09	-2.59E-07
1015	475093.71, 3848680.61	4.81599	-6.09E-04	-2.85E-04	-5.62E-04	-2.11E-07	-6.37E-07	-3.69E-07	-1.72E-07	-1.56E-07	-7.13E-08	-1.41E-07	-7.04E-09	-1.70E-07	-3.75E-08	-2.34E-08	-3.71E-08	-6.54E-09	-9.28E-09	-2.91E-07
1016	475093.71, 3848705.61	5.51646	-6.98E-04	-3.26E-04	-6.44E-04	-2.42E-07	-7.29E-07	-4.22E-07	-1.97E-07	-1.79E-07	-8.16E-08	-1.61E-07	-8.07E-09	-1.95E-07	-4.30E-08	-2.68E-08	-4.25E-08	-7.49E-09	-1.06E-08	-3.33E-07
1017	475093.71, 3848730.61	6.2963	-7.97E-04	-3.72E-04	-7.35E-04	-2.76E-07	-8.33E-07	-4.82E-07	-2.25E-07	-2.04E-07	-9.32E-08	-1.84E-07	-9.21E-09	-2.22E-07	-4.91E-08	-3.06E-08	-4.85E-08	-8.55E-09	-1.21E-08	-3.81E-07
1018	475093.71, 3848755.61	7.09173	-8.97E-04	-4.19E-04	-8.28E-04	-3.11E-07	-9.38E-07	-5.43E-07	-2.54E-07	-2.30E-07	-1.05E-07	-2.07E-07	-1.04E-08	-2.51E-07	-5.53E-08	-3.45E-08	-5.47E-08	-9.63E-09	-1.37E-08	-4.29E-07
1019	475093.71, 3848780.61	8.07403	-1.02E-03	-4.77E-04	-9.43E-04	-3.54E-07	-1.07E-06	-6.18E-07	-2.89E-07	-2.62E-07	-1.19E-07	-2.36E-07	-1.18E-08	-2.85E-07	-6.29E-08	-3.92E-08	-6.22E-08	-1.10E-08	-1.56E-08	-4.88E-07

1020	475093.71, 3848805.61	9.26122	-1.17E-03	-5.48E-04	-1.08E-03	-4.06E-07	-1.22E-06	-7.09E-07	-3.31E-07	-3.00E-07	-1.37E-07	-2.71E-07	-1.35E-08	-3.27E-07	-7.22E-08	-4.50E-08	-7.14E-08	-1.26E-08	-1.79E-08	-5.60E-07
1021	475093.71, 3848830.61	10.87685	-1.38E-03	-6.43E-04	-1.27E-03	-4.76E-07	-1.44E-06	-8.33E-07	-3.89E-07	-3.53E-07	-1.61E-07	-3.18E-07	-1.59E-08	-3.84E-07	-8.48E-08	-5.28E-08	-8.38E-08	-1.48E-08	-2.10E-08	-6.57E-07
1022	475118.71, 3848480.61	2.11193	-2.67E-04	-1.25E-04	-2.47E-04	-9.25E-08	-2.79E-07	-1.62E-07	-7.56E-08	-6.85E-08	-3.13E-08	-6.17E-08	-3.09E-09	-7.46E-08	-1.65E-08	-1.03E-08	-1.63E-08	-2.87E-09	-4.07E-09	-1.28E-07
1023	475118.71, 3848505.61	2.36061	-2.99E-04	-1.40E-04	-2.76E-04	-1.03E-07	-3.12E-07	-1.81E-07	-8.45E-08	-7.66E-08	-3.49E-08	-6.90E-08	-3.45E-09	-8.34E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.21E-09	-4.55E-09	-1.43E-07
1024	475118.71, 3848530.61	2.63969	-3.34E-04	-1.56E-04	-3.08E-04	-1.16E-07	-3.49E-07	-2.02E-07	-9.44E-08	-8.56E-08	-3.91E-08	-7.72E-08	-3.86E-09	-9.32E-08	-2.06E-08	-1.28E-08	-2.03E-08	-3.59E-09	-5.09E-09	-1.60E-07
1025	475118.71, 3848555.61	2.85956	-3.62E-04	-1.69E-04	-3.34E-04	-1.25E-07	-3.78E-07	-2.19E-07	-1.02E-07	-9.27E-08	-4.23E-08	-8.36E-08	-4.18E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.20E-08	-3.88E-09	-5.51E-09	-1.73E-07
1026	475118.71, 3848580.61	3.05899	-3.87E-04	-1.81E-04	-3.57E-04	-1.34E-07	-4.04E-07	-2.34E-07	-1.09E-07	-9.92E-08	-4.53E-08	-8.94E-08	-4.47E-09	-1.08E-07	-2.38E-08	-1.49E-08	-2.36E-08	-4.15E-09	-5.90E-09	-1.85E-07
1027	475118.71, 3848605.61	3.23548	-4.09E-04	-1.91E-04	-3.78E-04	-1.42E-07	-4.28E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.79E-08	-9.46E-08	-4.73E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.39E-09	-6.24E-09	-1.96E-07
1028	475118.71, 3848630.61	3.60209	-4.56E-04	-2.13E-04	-4.21E-04	-1.58E-07	-4.76E-07	-2.76E-07	-1.29E-07	-1.17E-07	-5.33E-08	-1.05E-07	-5.27E-09	-1.27E-07	-2.81E-08	-1.75E-08	-2.78E-08	-4.89E-09	-6.94E-09	-2.18E-07
1029	475118.71, 3848655.61	4.03751	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.44E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.90E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.48E-09	-7.78E-09	-2.44E-07
1030	475118.71, 3848680.61	4.47987	-5.67E-04	-2.65E-04	-5.23E-04	-1.96E-07	-5.92E-07	-3.43E-07	-1.60E-07	-1.45E-07	-6.63E-08	-1.31E-07	-6.55E-09	-1.58E-07	-3.49E-08	-2.18E-08	-3.45E-08	-6.08E-09	-8.64E-09	-2.71E-07
1031	475118.71, 3848705.61	4.95709	-6.27E-04	-2.93E-04	-5.79E-04	-2.17E-07	-6.55E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.34E-08	-1.45E-07	-7.25E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.73E-09	-9.56E-09	-3.00E-07
1032	475118.71, 3848730.61	5.74941	-7.27E-04	-3.40E-04	-6.71E-04	-2.52E-07	-7.60E-07	-4.40E-07	-2.06E-07	-1.86E-07	-8.51E-08	-1.68E-07	-8.41E-09	-2.03E-07	-4.48E-08	-2.79E-08	-4.43E-08	-7.81E-09	-1.11E-08	-3.47E-07
1033	475118.71, 3848755.61	6.44642	-8.16E-04	-3.81E-04	-7.53E-04	-2.82E-07	-8.52E-07	-4.93E-07	-2.31E-07	-2.09E-07	-9.54E-08	-1.88E-07	-9.43E-09	-2.28E-07	-5.02E-08	-3.13E-08	-4.97E-08	-8.76E-09	-1.24E-08	-3.90E-07
1034	475118.71, 3848780.61	7.2913	-9.22E-04	-4.31E-04	-8.51E-04	-3.19E-07	-9.64E-07	-5.58E-07	-2.61E-07	-2.36E-07	-1.08E-07	-2.13E-07	-1.07E-08	-2.58E-07	-5.68E-08	-3.54E-08	-5.62E-08	-9.90E-09	-1.41E-08	-4.41E-07
1035	475118.71, 3848805.61	8.26878	-1.05E-03	-4.89E-04	-9.66E-04	-3.62E-07	-1.09E-06	-6.33E-07	-2.96E-07	-2.68E-07	-1.22E-07	-2.42E-07	-1.21E-08	-2.92E-07	-6.45E-08	-4.02E-08	-6.37E-08	-1.12E-08	-1.59E-08	-5.00E-07
1036	475118.71, 3848830.61	9.49691	-1.20E-03	-5.62E-04	-1.11E-03	-4.16E-07	-1.26E-06	-7.27E-07	-3.40E-07	-3.08E-07	-1.41E-07	-2.78E-07	-1.39E-08	-3.35E-07	-7.40E-08	-4.61E-08	-7.32E-08	-1.29E-08	-1.83E-08	-5.74E-07
1037	475118.71, 3848855.61	11.13191	-1.41E-03	-6.58E-04	-1.30E-03	-4.88E-07	-1.47E-06	-8.52E-07	-3.98E-07	-3.61E-07	-1.65E-07	-3.25E-07	-1.63E-08	-3.93E-07	-8.68E-08	-5.41E-08	-8.58E-08	-1.51E-08	-2.15E-08	-6.73E-07
1038	475143.71, 3848505.61	2.26665	-2.87E-04	-1.34E-04	-2.65E-04	-9.93E-08	-3.00E-07	-1.74E-07	-8.11E-08	-7.35E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.01E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
1039	475143.71, 3848530.61	2.53626	-3.21E-04	-1.50E-04	-2.96E-04	-1.11E-07	-3.35E-07	-1.94E-07	-9.07E-08	-8.23E-08	-3.75E-08	-7.41E-08	-3.71E-09	-8.96E-08	-1.98E-08	-1.23E-08	-1.95E-08	-3.44E-09	-4.89E-09	-1.53E-07
1040	475143.71, 3848555.61	2.75375	-3.48E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.64E-07	-2.11E-07	-9.85E-08	-8.93E-08	-4.08E-08	-8.05E-08	-4.03E-09	-9.73E-08	-2.15E-08	-1.34E-08	-2.12E-08	-3.74E-09	-5.31E-09	-1.66E-07
1041	475143.71, 3848580.61	2.96219	-3.75E-04	-1.75E-04	-3.46E-04	-1.30E-07	-3.92E-07	-2.27E-07	-1.06E-07	-9.61E-08	-4.38E-08	-8.66E-08	-4.33E-09	-1.05E-07	-2.31E-08	-1.44E-08	-2.28E-08	-4.02E-09	-5.71E-09	-1.79E-07
1042	475143.71, 3848605.61	3.16954	-4.01E-04	-1.87E-04	-3.70E-04	-1.39E-07	-4.19E-07	-2.43E-07	-1.13E-07	-1.03E-07	-4.69E-08	-9.26E-08	-4.64E-09	-1.12E-07	-2.47E-08	-1.54E-08	-2.44E-08	-4.30E-09	-6.11E-09	-1.92E-07
1043	475143.71, 3848630.61	3.43703	-4.35E-04	-2.03E-04	-4.01E-04	-1.51E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.09E-08	-1.00E-07	-5.03E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.63E-09	-2.08E-07
1044	475143.71, 3848655.61	3.76855	-4.77E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.98E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.90E-08	-5.12E-09	-7.27E-09	-2.28E-07
1045	475143.71, 3848680.61	4.14873	-5.25E-04	-2.45E-04	-4.84E-04	-1.82E-07	-5.49E-07	-3.18E-07	-1.48E-07	-1.35E-07	-6.14E-08	-1.21E-07	-6.07E-09	-1.47E-07	-3.23E-08	-2.02E-08	-3.20E-08	-5.63E-09	-8.00E-09	-2.51E-07
1046	475143.71, 3848705.61	4.58015	-5.79E-04	-2.71E-04	-5.35E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.78E-08	-1.34E-07	-6.70E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.22E-09	-8.83E-09	-2.77E-07
1047	475143.71, 3848730.61	5.14649	-6.51E-04	-3.04E-04	-6.01E-04	-2.25E-07	-6.81E-07	-3.94E-07	-1.84E-07	-1.67E-07	-7.62E-08	-1.50E-07	-7.53E-09	-1.82E-07	-4.01E-08	-2.50E-08	-3.97E-08	-6.99E-09	-9.92E-09	-3.11E-07
1048	475143.71, 3848755.61	5.8601	-7.41E-04	-3.47E-04	-6.84E-04	-2.57E-07	-7.75E-07	-4.49E-07	-2.10E-07	-1.90E-07	-8.67E-08	-1.71E-07	-8.57E-09	-2.07E-07	-4.57E-08	-2.85E-08	-4.52E-08	-7.96E-09	-1.13E-08	-3.54E-07
1049	475143.71, 3848780.61	6.59687	-8.35E-04	-3.90E-04	-7.70E-04	-2.89E-07	-8.72E-07	-5.05E-07	-2.36E-07	-2.14E-07	-9.76E-08	-1.93E-07	-9.65E-09	-2.33E-07	-5.14E-08	-3.20E-08	-5.08E-08	-8.96E-09	-1.27E-08	-3.99E-07
1050	475143.71, 3848805.61	7.47531	-9.46E-04	-4.42E-04	-8.73E-04	-3.27E-07	-9.88E-07	-5.72E-07	-2.67E-07	-2.42E-07	-1.11E-07	-2.18E-07	-1.09E-08	-2.64E-07	-5.83E-08	-3.63E-08	-5.76E-08	-1.02E-08	-1.44E-08	-4.52E-07
1051	475143.71, 3848830.61	8.4597	-1.07E-03	-5.00E-04	-9.88E-04	-3.70E-07	-1.12E-06	-6.48E-07	-3.03E-07	-2.74E-07	-1.25E-07	-2.47E-07	-1.24E-08	-2.99E-07	-6.59E-08	-4.11E-08	-6.52E-08	-1.15E-08	-1.63E-08	-5.11E-07
1052	475143.71, 3848855.61	9.73555	-1.23E-03	-5.76E-04	-1.14E-03	-4.26E-07	-1.29E-06	-7.45E-07	-3.48E-07	-3.16E-07	-1.44E-07	-2.85E-07	-1.42E-08	-3.44E-07	-7.59E-08	-4.73E-08	-7.50E-08	-1.32E-08	-1.88E-08	-5.88E-07
1053	475143.71, 3848880.61	11.52037	-1.46E-03	-6.81E-04	-1.35E-03	-5.05E-07	-1.52E-06	-8.82E-07	-4.12E-07	-3.74E-07	-1.70E-07	-3.37E-07	-1.68E-08	-4.07E-07	-8.98E-08	-5.60E-08	-8.88E-08	-1.56E-08	-2.22E-08	-6.96E-07
1054	475168.71, 3848530.61	2.43054	-3.07E-04	-1.44E-04	-2.84E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.70E-08	-7.88E-08	-3.60E-08	-7.10E-08	-3.55E-09	-8.59E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.69E-09	-1.47E-07
1055	475168.71, 3848555.61	2.62641	-3.32E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.40E-08	-8.52E-08	-3.89E-08	-7.68E-08	-3.84E-09	-9.28E-08	-2.05E-08	-1.28E-08	-2.02E-08	-3.57E-09	-5.06E-09	-1.59E-07
1056	475168.71, 3848580.61	2.81911	-3.57E-04	-1.67E-04	-3.29E-04	-1.23E-07	-3.73E-07	-2.16E-07	-1.01E-07	-9.14E-08	-4.17E-08	-8.24E-08	-4.12E-09	-9.96E-08	-2.20E-08	-1.37E-08	-2.17E-08	-3.83E-09	-5.43E-09	-1.70E-07
1057	475168.71, 3848605.61	3.03925	-3.85E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.86E-08	-4.50E-08	-8.88E-08	-4.44E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.86E-09	-1.84E-07
1058	475168.71, 3848630.61	3.22745	-4.08E-04	-1.91E-04	-3.77E-04	-1.41E-07	-4.27E-07	-2.47E-07	-1.15E-07	-1.05E-07	-4.78E-08	-9.43E-08	-4.72E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.38E-09	-6.22E-09	-1.95E-07
1059	475168.71, 3848655.61	3.44487	-4.36E-04	-2.04E-04	-4.02E-04	-1.51E-07	-4.56E-07	-2.64E-07	-1.23E-07	-1.12E-07	-5.10E-08	-1.01E-07	-5.04E-09	-1.22E-07	-2.69E-08	-1.67E-08	-2.65E-08	-4.68E-09	-6.64E-09	-2.08E-07
1060	475168.71, 3848680.61	3.76998	-4.77E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.12E-09	-7.27E-09	-2.28E-07
1061	475168.71, 3848705.61	4.19648	-5.31E-04	-2.48E-04	-4.90E-04	-1.84E-07	-5.55E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.21E-08	-1.23E-07	-6.14E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.70E-09	-8.09E-09	-2.54E-07
1062	475168.71, 3848730.61	4.6802	-5.92E-04	-2.77E-04	-5.47E-04	-2.05E-07	-6.19E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.93E-08	-1.37E-07	-6.84E-09	-1.65E-07	-3.65E-08	-2.27E-08	-3.61E-08	-6.36E-09	-9.02E-09	-2.83E-07
1063	475168.71, 3848755.61	5.30364	-6.71E-04	-3.14E-04	-6.19E-04	-2.32E-07	-7.01E-07	-4.06E-07	-1.90E-07	-1.72E-07	-7.85E-08	-1.55E-07	-7.76E-09	-1.87E-07	-4.13E-08	-2.58E-08	-4.09E-08	-7.20E-09	-1.02E-08	-3.21E-07
1064	475168.71, 3848780.61	6.02859	-7.63E-04	-3.56E-04	-7.04E-04	-2.64E-07	-7.97E-07	-4.61E-07	-2.16E-07	-1.96E-07	-8.92E-08	-1.76E-07	-8.82E-09	-2.13E-07	-4.70E-08	-2.93E-08	-4.65E-08	-8.19E-09	-1.16E-08	-3.64E-07
1065	475168.71, 3848805.61	6.82755	-8.64E-04	-4.04E-04	-7.97E-04	-2.99E-07	-9.03E-07	-5.23E-07	-2.44E-07	-2.21E-07	-1.01E-07	-2.00E-07	-9.98E-09	-2.41E-07	-5.32E-08	-3.32E-08	-5.26E-08	-9.27E-09	-1.32E-08	-4.13E-07
1066	475168.71, 3848830.61	7.65223	-9.68E-04	-4.53E-04	-8.94E-04	-3.35E-07	-1.01E-06	-5.86E-07	-2.74E-07	-2.48E-07	-1.13E-07	-2.24E-07	-1.12E-08	-2.70E-07	-5.96E-08	-3.72E-08	-5.90E-08	-1.04E-08	-1.48E-08	-4.62E-07
1067	475168.71, 3848855.61	8.67161	-1.10E-03	-5.13E-04	-1.01E-03	-3.80E-07	-1.15E-06	-6.64E-07	-3.10E-07	-2.81E-07	-1.28E-07	-2.53E-07	-1.27E-08	-3.06E-07	-6.76E-08	-4.21E-08	-6.68E-08	-1.18E-08	-1.67E-08	-5.24E-07
1068	475168.71, 3848880.61	10.04522	-1.27E-03	-5.94E-04	-1.17E-03	-4.40E-07	-1.33E-06	-7.69E-07	-3.59E-07	-3.26E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.55E-07	-7.83E-08	-4.88E-08	-7.74E-08	-1.36E-08	-1.94E-08	-6.07E-07
1069	475168.71, 3848905.61	11.96998	-1.51E-03	-7.08E-04	-1.40E-03	-5.24E-07	-1.58E-06	-9.16E-07	-4.28E-07	-3.88E-07	-1.77E-07	-3.50E-07	-1.75E-08	-4.23E-07	-9.33E-08	-5.81E-08	-9.22E-08	-1.63E-08	-2.31E-08	-7.23E-07
1070	475193.71, 3848555.61	2.43195	-3.08E-04	-1.44E-04	-2.84E-04	-1.07E-07	-3.22E-07	-1.86E-07	-8.70E-08	-7.89E-08	-3.60E-08	-7.11E-08	-3.56E-09	-8.59E-08	-1.90E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.69E-09	-1.47E-07
1071	475193.71, 3848580.61	2.59082	-3.28E-04	-1.53E-04	-3.03E-04	-1.13E-07	-3.43E-07	-1.98E-07	-9.27E-08	-8.40E-08	-3.83E-08	-7.57E-08	-3.79E-09	-9.15E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-4.99E-09	-1.57E-07
1072	475193.71, 3848605.61	2.80876	-3.55E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.71E-07	-2.15E-07	-1.00E-07	-9.11E-08	-4.16E-08	-8.21E-08	-4.11E-09	-9.92E-08	-2.19E-08	-1.36E-08	-2.16E-08	-3.81E-09	-5.41E-09	-1.70E-07
1073	475193.71, 3848630.61	2.98426	-3.78E-04	-1.76E-04	-3.49E-04	-1.31E-07	-3.95E-07	-2.28E-07	-1.07E-07	-9.68E-08	-4.42E-08	-8.72E-08	-4.36E-09	-1.05E-07	-2.33E-08	-1.45E-08	-2.30E-08	-4.05E-09	-5.75E-09	-1.80E-07
1074	475193.71, 3848655.61	3.21956	-4.07E-04	-1.90E-04	-3.76E-04	-1.41E-07	-4.26E-07	-2.46E-07	-1.15E-07	-1.04E-07	-4.76E-08	-9.41E-08	-4.71E-09	-1.14E-07	-2.51E-08	-1.56E-08	-2.48E-08	-4.37E-09	-6.21E-09	-1.95E-07
1075	475193.71, 3848680.61	3.53936	-4.48E-04	-2.09E-04	-4.13E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.24E-08	-1.03E-07	-5.18E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.81E-09	-6.82E-09	-2.14E-07
1076	475193.71, 3848705.61	3.95043	-5.00E-04	-2.34E-04	-4.61E-04	-1.73E-07	-5.22E-07	-3.02E-07	-1.41E-07	-1.28E-07	-5.85E-08	-1.15E-07	-5.78E-09	-1.40E-07	-3.08E-08	-1.92E-08	-3.04E-08	-5.37E-09	-7.62E-09	-2.39E-07
1077	475193.71, 3848730.61	4.41992	-5.59E-04	-2.61E-04	-5.16E-04	-1.94E-07	-5.84E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.54E-08	-1.29E-07	-6.46E-09	-1.56E-07	-3.45E-08	-2.15E-08	-3.41E-08	-6.00E-09	-8.52E-09	-2.67E-07
1078	475193.71, 3848755.61	4.9457	-6.26E-04	-2.92E-04	-5.78E-04	-2.17E-07	-6.54E-07	-3.79E-07	-1.77E-07	-1.60E-07	-7.32E-08	-1.45E-07	-7.23E-09	-1.75E-07	-3.86E-08	-2.40E-08	-3.81E-08	-6.72E-09	-9.53E-09	-2.99E-07
1079	475193.71, 3848780.61	5.61265	-7.10E-04	-3.32E-04	-6.55E-04	-2.46E-07	-7.42E-07	-4.30E-07	-2.01E-07	-1.82E-07	-8.31E-08	-1.64E-07	-8.21E-09	-1.98E-07	-4.38E-08	-2.73E-08	-4.33E-08	-7.62E-09	-1.08E-08	-3.39E-07
1080	475193.71, 3848805.61	6.27075	-7.93E-04	-3.71E-04	-7.32E-04	-2.75E-07	-8.29E-07	-4.80E-07	-2.24E-07	-2.03E-07	-9.28E-08	-1.83E-07	-9.17E-09	-2.22E-07	-4.89E-08	-3.05E-08	-4.83E-08	-8.52E-09	-1.21E-08	-3.79E-07
1081	475193.71, 3848830.61	6.99481	-8.85E-04	-4.14E-04	-8.17E-04	-3.06E-07	-9.25E-07	-5.35E-07	-2.50E-07	-2.27E-07	-1.04E-07	-2.04E-07	-1.02E-08	-2.47E-07	-5.45E-08	-3.40E-08	-5.39E-08	-9.50E-09	-1.35E-08	-4.23E-07
1082	475193.71, 3848855.61	7.83333	-9.91E-04	-4.63E-04	-9.15E-04	-3.43E-07	-1.04E-06	-6.00E-07	-2.80E-07	-2.54E-07	-1.16E-07	-2.29E-07	-1.15E-08	-2.77E-07	-6.11E-08	-3.81E-08	-6.04E-08	-1.06E-08	-1.51E-08	-4.73E-07
1083	475193.71, 3848880.61	8.94686	-1.13E-03	-5.29E-04	-1.04E-03	-3.92E-07	-1.18E-06	-6.85E-07	-3.20E-07	-2.90E-07	-1.32E-07	-2.61E-07	-1.31E-08	-3.16E-07	-6.97E-08	-4.35E-08	-6.89E-08	-1.22E-08	-1.72E-08	-5.41E-07

1084	475193.71, 3848905.61	10.48549	-1.33E-03	-6.20E-04	-1.22E-03	-4.59E-07	-1.39E-06	-8.03E-07	-3.75E-07	-3.40E-07	-1.55E-07	-3.06E-07	-1.53E-08	-3.70E-07	-8.17E-08	-5.09E-08	-8.08E-08	-1.42E-08	-2.02E-08	-6.34E-07
1085	475218.71, 3848580.61	2.37518	-3.00E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.70E-08	-3.52E-08	-6.94E-08	-3.47E-09	-8.39E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
1086	475218.71, 3848605.61	2.55932	-3.24E-04	-1.51E-04	-2.99E-04	-1.12E-07	-3.38E-07	-1.96E-07	-9.16E-08	-8.30E-08	-3.79E-08	-7.48E-08	-3.74E-09	-9.04E-08	-1.99E-08	-1.24E-08	-1.97E-08	-3.48E-09	-4.93E-09	-1.55E-07
1087	475218.71, 3848630.61	2.8097	-3.55E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.72E-07	-2.15E-07	-1.01E-07	-9.11E-08	-4.16E-08	-8.21E-08	-4.11E-09	-9.93E-08	-2.19E-08	-1.36E-08	-2.17E-08	-3.82E-09	-5.42E-09	-1.70E-07
1088	475218.71, 3848655.61	3.11079	-3.94E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.11E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.60E-08	-9.09E-08	-4.55E-09	-1.10E-07	-2.42E-08	-1.51E-08	-2.40E-08	-4.23E-09	-6.00E-09	-1.88E-07
1089	475218.71, 3848680.61	3.4545	-4.37E-04	-2.04E-04	-4.03E-04	-1.51E-07	-4.57E-07	-2.64E-07	-1.24E-07	-1.12E-07	-5.11E-08	-1.01E-07	-5.05E-09	-1.22E-07	-2.69E-08	-1.68E-08	-2.66E-08	-4.69E-09	-6.66E-09	-2.09E-07
1090	475218.71, 3848705.61	3.83208	-4.85E-04	-2.27E-04	-4.48E-04	-1.68E-07	-5.07E-07	-2.93E-07	-1.37E-07	-1.24E-07	-5.67E-08	-1.12E-07	-5.60E-09	-1.35E-07	-2.99E-08	-1.86E-08	-2.95E-08	-5.20E-09	-7.39E-09	-2.32E-07
1091	475218.71, 3848730.61	4.23773	-5.36E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.60E-07	-3.24E-07	-1.52E-07	-1.37E-07	-6.27E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.30E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.17E-09	-2.56E-07
1092	475218.71, 3848755.61	4.78406	-6.05E-04	-2.83E-04	-5.59E-04	-2.10E-07	-6.33E-07	-3.66E-07	-1.71E-07	-1.55E-07	-7.08E-08	-1.40E-07	-7.00E-09	-1.69E-07	-3.73E-08	-2.32E-08	-3.69E-08	-6.50E-09	-9.22E-09	-2.89E-07
1093	475218.71, 3848780.61	5.28922	-6.69E-04	-3.13E-04	-6.18E-04	-2.32E-07	-6.99E-07	-4.05E-07	-1.89E-07	-1.72E-07	-7.83E-08	-1.55E-07	-7.74E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.08E-08	-7.18E-09	-1.02E-08	-3.20E-07
1094	475218.71, 3848805.61	5.83864	-7.39E-04	-3.45E-04	-6.82E-04	-2.56E-07	-7.72E-07	-4.47E-07	-2.09E-07	-1.89E-07	-8.64E-08	-1.71E-07	-8.54E-09	-2.06E-07	-4.55E-08	-2.84E-08	-4.50E-08	-7.93E-09	-1.13E-08	-3.53E-07
1095	475218.71, 3848830.61	6.47597	-8.19E-04	-3.83E-04	-7.56E-04	-2.84E-07	-8.56E-07	-4.96E-07	-2.32E-07	-2.10E-07	-9.58E-08	-1.89E-07	-9.47E-09	-2.29E-07	-5.05E-08	-3.15E-08	-4.99E-08	-8.80E-09	-1.25E-08	-3.91E-07
1096	475218.71, 3848855.61	7.17621	-9.08E-04	-4.24E-04	-8.38E-04	-3.14E-07	-9.49E-07	-5.49E-07	-2.57E-07	-2.33E-07	-1.06E-07	-2.10E-07	-1.05E-08	-2.54E-07	-5.59E-08	-3.49E-08	-5.53E-08	-9.75E-09	-1.38E-08	-4.34E-07
1097	475218.71, 3848880.61	8.0992	-1.02E-03	-4.79E-04	-9.46E-04	-3.55E-07	-1.07E-06	-6.20E-07	-2.90E-07	-2.63E-07	-1.20E-07	-2.37E-07	-1.18E-08	-2.86E-07	-6.31E-08	-3.93E-08	-6.24E-08	-1.10E-08	-1.56E-08	-4.89E-07
1098	475218.71, 3848905.61	9.33479	-1.18E-03	-5.52E-04	-1.09E-03	-4.09E-07	-1.23E-06	-7.15E-07	-3.34E-07	-3.03E-07	-1.38E-07	-2.73E-07	-1.37E-08	-3.30E-07	-7.28E-08	-4.53E-08	-7.19E-08	-1.27E-08	-1.80E-08	-5.64E-07
1099	475218.71, 3848930.61	11.1758	-1.41E-03	-6.61E-04	-1.31E-03	-4.89E-07	-1.48E-06	-8.56E-07	-4.00E-07	-3.62E-07	-1.65E-07	-3.27E-07	-1.63E-08	-3.95E-07	-8.71E-08	-5.43E-08	-8.61E-08	-1.52E-08	-2.15E-08	-6.75E-07
1100	475243.71, 3848605.61	2.42801	-3.07E-04	-1.44E-04	-2.84E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.69E-08	-7.88E-08	-3.59E-08	-7.10E-08	-3.55E-09	-8.58E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.68E-09	-1.47E-07
1101	475243.71, 3848630.61	2.61587	-3.31E-04	-1.55E-04	-3.05E-04	-1.15E-07	-3.46E-07	-2.00E-07	-9.36E-08	-8.48E-08	-3.87E-08	-7.65E-08	-3.83E-09	-9.24E-08	-2.04E-08	-1.27E-08	-2.02E-08	-3.55E-09	-5.04E-09	-1.58E-07
1102	475243.71, 3848655.61	2.9442	-3.72E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.89E-07	-2.25E-07	-1.05E-07	-9.55E-08	-4.36E-08	-8.61E-08	-4.31E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.68E-09	-1.78E-07
1103	475243.71, 3848680.61	3.29666	-4.17E-04	-1.95E-04	-3.85E-04	-1.44E-07	-4.36E-07	-2.52E-07	-1.18E-07	-1.07E-07	-4.88E-08	-9.64E-08	-4.82E-09	-1.16E-07	-2.57E-08	-1.60E-08	-2.54E-08	-4.48E-09	-6.36E-09	-1.99E-07
1104	475243.71, 3848705.61	3.6542	-4.62E-04	-2.16E-04	-4.27E-04	-1.60E-07	-4.83E-07	-2.80E-07	-1.31E-07	-1.19E-07	-5.41E-08	-1.07E-07	-5.34E-09	-1.29E-07	-2.85E-08	-1.78E-08	-2.82E-08	-4.96E-09	-7.04E-09	-2.21E-07
1105	475243.71, 3848730.61	4.02515	-5.09E-04	-2.38E-04	-4.70E-04	-1.76E-07	-5.32E-07	-3.08E-07	-1.44E-07	-1.31E-07	-5.96E-08	-1.18E-07	-5.89E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.10E-08	-5.47E-09	-7.76E-09	-2.43E-07
1106	475243.71, 3848755.61	4.51037	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.96E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
1107	475243.71, 3848780.61	4.99545	-6.32E-04	-2.95E-04	-5.83E-04	-2.19E-07	-6.61E-07	-3.82E-07	-1.79E-07	-1.62E-07	-7.39E-08	-1.46E-07	-7.31E-09	-1.76E-07	-3.89E-08	-2.43E-08	-3.85E-08	-6.78E-09	-9.63E-09	-3.02E-07
1108	475243.71, 3848805.61	5.49	-6.95E-04	-3.25E-04	-6.41E-04	-2.40E-07	-7.26E-07	-4.20E-07	-1.96E-07	-1.78E-07	-8.13E-08	-1.60E-07	-8.03E-09	-1.94E-07	-4.28E-08	-2.67E-08	-4.23E-08	-7.46E-09	-1.06E-08	-3.32E-07
1109	475243.71, 3848830.61	6.05819	-7.66E-04	-3.58E-04	-7.07E-04	-2.65E-07	-8.01E-07	-4.64E-07	-2.17E-07	-1.96E-07	-8.97E-08	-1.77E-07	-8.86E-09	-2.14E-07	-4.72E-08	-2.94E-08	-4.67E-08	-8.23E-09	-1.17E-08	-3.66E-07
1110	475243.71, 3848855.61	6.65728	-8.42E-04	-3.94E-04	-7.77E-04	-2.92E-07	-8.80E-07	-5.10E-07	-2.38E-07	-2.16E-07	-9.85E-08	-1.95E-07	-9.74E-09	-2.35E-07	-5.19E-08	-3.23E-08	-5.13E-08	-9.04E-09	-1.28E-08	-4.02E-07
1111	475243.71, 3848880.61	7.42045	-9.39E-04	-4.39E-04	-8.67E-04	-3.25E-07	-9.81E-07	-5.68E-07	-2.66E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.09E-08	-2.62E-07	-5.78E-08	-3.60E-08	-5.72E-08	-1.01E-08	-1.43E-08	-4.48E-07
1112	475243.71, 3848905.61	8.43315	-1.07E-03	-4.99E-04	-9.85E-04	-3.69E-07	-1.12E-06	-6.46E-07	-3.02E-07	-2.74E-07	-1.25E-07	-2.46E-07	-1.23E-08	-2.98E-07	-6.57E-08	-4.10E-08	-6.50E-08	-1.15E-08	-1.63E-08	-5.10E-07
1113	475243.71, 3848930.61	9.87715	-1.25E-03	-5.84E-04	-1.15E-03	-4.33E-07	-1.31E-06	-7.56E-07	-3.53E-07	-3.20E-07	-1.46E-07	-2.89E-07	-1.44E-08	-3.49E-07	-7.70E-08	-4.80E-08	-7.61E-08	-1.34E-08	-1.90E-08	-5.97E-07
1114	475243.71, 3848955.61	12.04679	-1.52E-03	-7.12E-04	-1.41E-03	-5.28E-07	-1.59E-06	-9.22E-07	-4.31E-07	-3.91E-07	-1.78E-07	-3.52E-07	-1.76E-08	-4.26E-07	-9.39E-08	-5.85E-08	-9.28E-08	-1.64E-08	-2.32E-08	-7.28E-07
1115	475268.71, 3848630.61	2.48477	-3.14E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.89E-08	-8.06E-08	-3.68E-08	-7.26E-08	-3.63E-09	-8.78E-08	-1.94E-08	-1.21E-08	-1.91E-08	-3.37E-09	-4.79E-09	-1.50E-07
1116	475268.71, 3848655.61	2.77038	-3.50E-04	-1.64E-04	-3.24E-04	-1.21E-07	-3.66E-07	-2.12E-07	-9.91E-08	-8.99E-08	-4.10E-08	-8.10E-08	-4.05E-09	-9.79E-08	-2.16E-08	-1.35E-08	-2.13E-08	-3.76E-09	-5.34E-09	-1.67E-07
1117	475268.71, 3848680.61	3.11369	-3.94E-04	-1.84E-04	-3.64E-04	-1.36E-07	-4.12E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.61E-08	-9.10E-08	-4.55E-09	-1.10E-07	-2.43E-08	-1.51E-08	-2.40E-08	-4.23E-09	-6.00E-09	-1.88E-07
1118	475268.71, 3848705.61	3.46042	-4.38E-04	-2.05E-04	-4.04E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.12E-08	-1.01E-07	-5.06E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.67E-09	-2.09E-07
1119	475268.71, 3848730.61	3.79948	-4.81E-04	-2.25E-04	-4.44E-04	-1.66E-07	-5.02E-07	-2.91E-07	-1.36E-07	-1.23E-07	-5.62E-08	-1.11E-07	-5.56E-09	-1.34E-07	-2.96E-08	-1.85E-08	-2.93E-08	-5.16E-09	-7.32E-09	-2.30E-07
1120	475268.71, 3848755.61	4.15989	-5.26E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.50E-07	-3.18E-07	-1.49E-07	-1.35E-07	-6.16E-08	-1.22E-07	-6.08E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.21E-08	-5.65E-09	-8.02E-09	-2.51E-07
1121	475268.71, 3848780.61	4.60928	-5.83E-04	-2.73E-04	-5.38E-04	-2.02E-07	-6.09E-07	-3.53E-07	-1.65E-07	-1.50E-07	-6.82E-08	-1.35E-07	-6.74E-09	-1.63E-07	-3.59E-08	-2.24E-08	-3.55E-08	-6.26E-09	-8.89E-09	-2.79E-07
1122	475268.71, 3848805.61	5.08118	-6.43E-04	-3.00E-04	-5.93E-04	-2.23E-07	-6.72E-07	-3.89E-07	-1.82E-07	-1.65E-07	-7.52E-08	-1.49E-07	-7.43E-09	-1.79E-07	-3.96E-08	-2.47E-08	-3.92E-08	-6.90E-09	-9.80E-09	-3.07E-07
1123	475268.71, 3848830.61	5.64918	-7.15E-04	-3.34E-04	-6.60E-04	-2.47E-07	-7.47E-07	-4.32E-07	-2.02E-07	-1.83E-07	-8.36E-08	-1.65E-07	-8.26E-09	-2.00E-07	-4.40E-08	-2.74E-08	-4.35E-08	-7.67E-09	-1.09E-08	-3.41E-07
1124	475268.71, 3848855.61	6.20329	-7.85E-04	-3.67E-04	-7.24E-04	-2.72E-07	-8.20E-07	-4.75E-07	-2.22E-07	-2.01E-07	-9.18E-08	-1.81E-07	-9.07E-09	-2.19E-07	-4.84E-08	-3.01E-08	-4.78E-08	-8.43E-09	-1.20E-08	-3.75E-07
1125	475268.71, 3848880.61	6.85359	-8.67E-04	-4.05E-04	-8.00E-04	-3.00E-07	-9.06E-07	-5.25E-07	-2.45E-07	-2.22E-07	-1.01E-07	-2.00E-07	-1.00E-08	-2.42E-07	-5.34E-08	-3.33E-08	-5.28E-08	-9.31E-09	-1.32E-08	-4.14E-07
1126	475268.71, 3848905.61	7.69197	-9.73E-04	-4.55E-04	-8.98E-04	-3.37E-07	-1.02E-06	-5.89E-07	-2.75E-07	-2.49E-07	-1.14E-07	-2.25E-07	-1.12E-08	-2.72E-07	-6.00E-08	-3.74E-08	-5.93E-08	-1.04E-08	-1.48E-08	-4.65E-07
1127	475268.71, 3848930.61	8.87147	-1.12E-03	-5.25E-04	-1.04E-03	-3.89E-07	-1.17E-06	-6.79E-07	-3.17E-07	-2.88E-07	-1.31E-07	-2.59E-07	-1.30E-08	-3.13E-07	-6.92E-08	-4.31E-08	-6.84E-08	-1.20E-08	-1.71E-08	-5.36E-07
1128	475268.71, 3848955.61	10.58423	-1.34E-03	-6.26E-04	-1.24E-03	-4.64E-07	-1.40E-06	-8.10E-07	-3.79E-07	-3.43E-07	-1.57E-07	-3.09E-07	-1.55E-08	-3.74E-07	-8.25E-08	-5.14E-08	-8.16E-08	-1.44E-08	-2.04E-08	-6.40E-07
1129	475268.71, 3848980.61	13.40238	-1.70E-03	-7.93E-04	-1.57E-03	-5.87E-07	-1.77E-06	-1.03E-06	-4.80E-07	-4.35E-07	-1.98E-07	-3.92E-07	-1.96E-08	-4.73E-07	-1.04E-07	-6.51E-08	-1.03E-07	-1.82E-08	-2.58E-08	-8.10E-07
1130	475293.71, 3848630.61	2.52414	-3.19E-04	-1.49E-04	-2.95E-04	-1.11E-07	-3.34E-07	-1.93E-07	-9.03E-08	-8.19E-08	-3.74E-08	-7.38E-08	-3.69E-09	-8.92E-08	-1.97E-08	-1.23E-08	-1.95E-08	-3.43E-09	-4.87E-09	-1.53E-07
1131	475293.71, 3848655.61	2.62469	-3.32E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.39E-08	-8.51E-08	-3.88E-08	-7.67E-08	-3.84E-09	-9.27E-08	-2.05E-08	-1.28E-08	-2.02E-08	-3.56E-09	-5.06E-09	-1.59E-07
1132	475293.71, 3848680.61	2.86525	-3.62E-04	-1.69E-04	-3.35E-04	-1.25E-07	-3.79E-07	-2.19E-07	-1.03E-07	-9.29E-08	-4.24E-08	-8.37E-08	-4.19E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.21E-08	-3.89E-09	-5.52E-09	-1.73E-07
1133	475293.71, 3848705.61	3.23254	-4.09E-04	-1.91E-04	-3.78E-04	-1.42E-07	-4.27E-07	-2.47E-07	-1.16E-07	-1.05E-07	-4.78E-08	-9.45E-08	-4.73E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.39E-09	-6.23E-09	-1.95E-07
1134	475293.71, 3848730.61	3.5782	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.73E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.23E-09	-1.26E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.86E-09	-6.90E-09	-2.16E-07
1135	475293.71, 3848755.61	3.90675	-4.94E-04	-2.31E-04	-4.56E-04	-1.71E-07	-5.17E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.78E-08	-1.14E-07	-5.71E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.01E-08	-5.31E-09	-7.53E-09	-2.36E-07
1136	475293.71, 3848780.61	4.28774	-5.42E-04	-2.54E-04	-5.01E-04	-1.88E-07	-5.67E-07	-3.28E-07	-1.53E-07	-1.39E-07	-6.35E-08	-1.25E-07	-6.27E-09	-1.51E-07	-3.34E-08	-2.08E-08	-3.30E-08	-5.82E-09	-8.27E-09	-2.59E-07
1137	475293.71, 3848805.61	4.75669	-6.02E-04	-2.81E-04	-5.55E-04	-2.08E-07	-6.29E-07	-3.64E-07	-1.70E-07	-1.54E-07	-7.04E-08	-1.39E-07	-6.96E-09	-1.68E-07	-3.71E-08	-2.31E-08	-3.67E-08	-6.46E-09	-9.17E-09	-2.87E-07
1138	475293.71, 3848830.61	5.2494	-6.64E-04	-3.10E-04	-6.13E-04	-2.30E-07	-6.94E-07	-4.02E-07	-1.88E-07	-1.70E-07	-7.77E-08	-1.53E-07	-7.68E-09	-1.85E-07	-4.09E-08	-2.55E-08	-4.05E-08	-7.13E-09	-1.01E-08	-3.17E-07
1139	475293.71, 3848855.61	5.80164	-7.34E-04	-3.43E-04	-6.78E-04	-2.54E-07	-7.67E-07	-4.44E-07	-2.08E-07	-1.88E-07	-8.59E-08	-1.70E-07	-8.48E-09	-2.05E-07	-4.52E-08	-2.82E-08	-4.47E-08	-7.88E-09	-1.12E-08	-3.51E-07
1140	475293.71, 3848880.61	6.34534	-8.03E-04	-3.75E-04	-7.41E-04	-2.78E-07	-8.39E-07	-4.86E-07	-2.27E-07	-2.06E-07	-9.39E-08	-1.85E-07	-9.28E-09	-2.24E-07	-4.95E-08	-3.08E-08	-4.89E-08	-8.62E-09	-1.22E-08	-3.83E-07
1141	475293.71, 3848905.61	7.05264	-8.92E-04	-4.17E-04	-8.24E-04	-3.09E-07	-9.33E-07	-5.40E-07	-2.52E-07	-2.29E-07	-1.04E-07	-2.06E-07	-1.03E-08	-2.49E-07	-5.50E-08	-3.43E-08	-5.44E-08	-9.58E-09	-1.36E-08	-4.26E-07
1142	475293.71, 3848930.61	8.0652	-1.02E-03	-4.77E-04	-9.42E-04	-3.53E-07	-1.07E-06	-6.17E-07	-2.89E-07	-2.62E-07	-1.19E-07	-2.36E-07	-1.18E-08	-2.85E-07	-6.29E-08	-3.92E-08	-6.22E-08	-1.10E-08	-1.55E-08	-4.87E-07
1143	475293.71, 3848955.61	9.46635	-1.20E-03	-5.60E-04	-1.11E-03	-4.15E-07	-1.25E-06	-7.25E-07	-3.39E-07	-3.07E-07	-1.40E-07	-2.77E-07	-1.38E-08	-3.34E-07	-7.38E-08	-4.60E-08	-7.30E-08	-1.29E-08	-1.82E-08	-5.72E-07
1144	475293.71, 3848980.61	11.63257	-1.47E-03	-6.88E-04	-1.36E-03	-5.09E-07	-1.54E-06	-8.90E-07	-4.16E-07	-3.77E-07	-1.72E-07	-3.40E-07	-1.70E-08	-4.11E-07	-9.07E-08	-5.65E-08	-8.96E-08	-1.58E-08	-2.24E-08	-7.03E-07
1145	475318.71, 3848655.61	2.58501	-3.27E-04	-1.53E-04	-3.02E-04	-1.13E-07	-3.42E-07	-1.98E-07	-9.25E-08	-8.38E-08	-3.83E-08	-7.56E-08	-3.78E-09	-9.13E-08	-2.01E-08	-1.26E-08	-1.99E-08	-3.51E-09	-4.98E-09	-1.56E-07
1146	475318.71, 3848680.61	2.69104	-3.40E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.56E-07	-2.06E-07	-9.63E-08	-8.73E-08	-3.98E-08	-7.87E-08	-3.94E-09	-9.51E-08	-2.10E-08	-1.31E-08	-2.07E-08	-3.65E-09	-5.19E-09	-1.63E-07
1147	475318.71, 3848705.61	2.95196	-3.73E-04	-1.75E-04	-3.45E-04	-1.29E-07	-3.90E-07	-2.26E-07	-1.06E-07	-9.57E-08	-4.37E-08	-8.63E-08	-4.32E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.01E-09	-5.69E-09	-1.78E-07

1148	475318.71, 3848730.61	3.33847	-4.22E-04	-1.97E-04	-3.90E-04	-1.46E-07	-4.41E-07	-2.56E-07	-1.19E-07	-1.08E-07	-4.94E-08	-9.76E-08	-4.88E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.53E-09	-6.44E-09	-2.02E-07
1149	475318.71, 3848755.61	3.73056	-4.72E-04	-2.21E-04	-4.36E-04	-1.63E-07	-4.93E-07	-2.86E-07	-1.33E-07	-1.21E-07	-5.52E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.87E-08	-5.07E-09	-7.19E-09	-2.25E-07
1150	475318.71, 3848780.61	4.12957	-5.22E-04	-2.44E-04	-4.82E-04	-1.81E-07	-5.46E-07	-3.16E-07	-1.48E-07	-1.34E-07	-6.11E-08	-1.21E-07	-6.04E-09	-1.46E-07	-3.22E-08	-2.01E-08	-3.18E-08	-5.61E-09	-7.96E-09	-2.50E-07
1151	475318.71, 3848805.61	4.51893	-5.72E-04	-2.67E-04	-5.28E-04	-1.98E-07	-5.98E-07	-3.46E-07	-1.62E-07	-1.47E-07	-6.69E-08	-1.32E-07	-6.61E-09	-1.60E-07	-3.52E-08	-2.20E-08	-3.48E-08	-6.14E-09	-8.71E-09	-2.73E-07
1152	475318.71, 3848830.61	4.91541	-6.22E-04	-2.91E-04	-5.74E-04	-2.15E-07	-6.50E-07	-3.76E-07	-1.76E-07	-1.59E-07	-7.27E-08	-1.44E-07	-7.19E-09	-1.74E-07	-3.83E-08	-2.39E-08	-3.79E-08	-6.68E-09	-9.48E-09	-2.97E-07
1153	475318.71, 3848855.61	5.38446	-6.81E-04	-3.18E-04	-6.29E-04	-2.36E-07	-7.12E-07	-4.12E-07	-1.93E-07	-1.75E-07	-7.97E-08	-1.57E-07	-7.87E-09	-1.90E-07	-4.20E-08	-2.62E-08	-4.15E-08	-7.31E-09	-1.04E-08	-3.25E-07
1154	475318.71, 3848880.61	5.90985	-7.48E-04	-3.49E-04	-6.90E-04	-2.59E-07	-7.81E-07	-4.52E-07	-2.11E-07	-1.92E-07	-8.75E-08	-1.73E-07	-8.64E-09	-2.09E-07	-4.61E-08	-2.87E-08	-4.55E-08	-8.03E-09	-1.14E-08	-3.57E-07
1155	475318.71, 3848905.61	6.5735	-8.32E-04	-3.89E-04	-7.68E-04	-2.88E-07	-8.69E-07	-5.03E-07	-2.35E-07	-2.13E-07	-9.73E-08	-1.92E-07	-9.61E-09	-2.32E-07	-5.12E-08	-3.19E-08	-5.07E-08	-8.93E-09	-1.27E-08	-3.97E-07
1156	475318.71, 3848930.61	7.43584	-9.41E-04	-4.40E-04	-8.68E-04	-3.26E-07	-9.83E-07	-5.69E-07	-2.66E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.09E-08	-2.63E-07	-5.80E-08	-3.61E-08	-5.73E-08	-1.01E-08	-1.43E-08	-4.49E-07
1157	475318.71, 3848955.61	8.59467	-1.09E-03	-5.08E-04	-1.00E-03	-3.76E-07	-1.14E-06	-6.58E-07	-3.08E-07	-2.79E-07	-1.27E-07	-2.51E-07	-1.26E-08	-3.04E-07	-6.70E-08	-4.18E-08	-6.62E-08	-1.17E-08	-1.66E-08	-5.19E-07
1158	475318.71, 3848980.61	10.31629	-1.31E-03	-6.10E-04	-1.20E-03	-4.52E-07	-1.36E-06	-7.90E-07	-3.69E-07	-3.35E-07	-1.53E-07	-3.02E-07	-1.51E-08	-3.64E-07	-8.04E-08	-5.01E-08	-7.95E-08	-1.40E-08	-1.99E-08	-6.23E-07
1159	475318.71, 3849005.61	13.20793	-1.67E-03	-7.81E-04	-1.54E-03	-5.78E-07	-1.75E-06	-1.01E-06	-4.73E-07	-4.28E-07	-1.95E-07	-3.86E-07	-1.93E-08	-4.67E-07	-1.03E-07	-6.42E-08	-1.02E-07	-1.79E-08	-2.55E-08	-7.98E-07
1160	475343.71, 3848680.61	2.64861	-3.35E-04	-1.57E-04	-3.09E-04	-1.16E-07	-3.50E-07	-2.03E-07	-9.48E-08	-8.59E-08	-3.92E-08	-7.74E-08	-3.87E-09	-9.36E-08	-2.06E-08	-1.29E-08	-2.04E-08	-3.60E-09	-5.11E-09	-1.60E-07
1161	475343.71, 3848705.61	2.75867	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.87E-08	-8.95E-08	-4.08E-08	-8.06E-08	-4.03E-09	-9.75E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.32E-09	-1.67E-07
1162	475343.71, 3848730.61	3.10927	-3.93E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.11E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.60E-08	-9.09E-08	-4.55E-09	-1.10E-07	-2.42E-08	-1.51E-08	-2.40E-08	-4.22E-09	-5.99E-09	-1.88E-07
1163	475343.71, 3848755.61	3.48763	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.74E-09	-6.72E-09	-2.11E-07
1164	475343.71, 3848780.61	3.854	-4.88E-04	-2.28E-04	-4.50E-04	-1.69E-07	-5.10E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.70E-08	-1.13E-07	-5.64E-09	-1.36E-07	-3.00E-08	-1.87E-08	-2.97E-08	-5.23E-09	-7.43E-09	-2.33E-07
1165	475343.71, 3848805.61	4.26699	-5.40E-04	-2.52E-04	-4.98E-04	-1.87E-07	-5.64E-07	-3.27E-07	-1.53E-07	-1.38E-07	-6.32E-08	-1.25E-07	-6.24E-09	-1.51E-07	-3.33E-08	-2.07E-08	-3.29E-08	-5.80E-09	-8.23E-09	-2.58E-07
1166	475343.71, 3848830.61	4.6341	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.13E-07	-3.55E-07	-1.66E-07	-1.50E-07	-6.86E-08	-1.35E-07	-6.78E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.29E-09	-8.93E-09	-2.80E-07
1167	475343.71, 3848855.61	5.06388	-6.41E-04	-2.99E-04	-5.91E-04	-2.22E-07	-6.70E-07	-3.88E-07	-1.81E-07	-1.64E-07	-7.49E-08	-1.48E-07	-7.41E-09	-1.79E-07	-3.95E-08	-2.46E-08	-3.90E-08	-6.88E-09	-9.76E-09	-3.06E-07
1168	475343.71, 3848880.61	5.62091	-7.11E-04	-3.32E-04	-6.56E-04	-2.46E-07	-7.43E-07	-4.30E-07	-2.01E-07	-1.82E-07	-8.32E-08	-1.64E-07	-8.22E-09	-1.99E-07	-4.38E-08	-2.73E-08	-4.33E-08	-7.63E-09	-1.08E-08	-3.40E-07
1169	475343.71, 3848905.61	6.19227	-7.83E-04	-3.66E-04	-7.23E-04	-2.71E-07	-8.19E-07	-4.74E-07	-2.22E-07	-2.01E-07	-9.16E-08	-1.81E-07	-9.06E-09	-2.19E-07	-4.83E-08	-3.01E-08	-4.77E-08	-8.41E-09	-1.19E-08	-3.74E-07
1170	475343.71, 3848930.61	6.91332	-8.75E-04	-4.09E-04	-8.07E-04	-3.03E-07	-9.14E-07	-5.29E-07	-2.47E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.39E-08	-3.36E-08	-5.33E-08	-9.39E-09	-1.33E-08	-4.18E-07
1171	475343.71, 3848955.61	7.88225	-9.97E-04	-4.66E-04	-9.21E-04	-3.45E-07	-1.04E-06	-6.03E-07	-2.82E-07	-2.56E-07	-1.17E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.14E-08	-3.83E-08	-6.07E-08	-1.07E-08	-1.52E-08	-4.76E-07
1172	475343.71, 3848980.61	9.30112	-1.18E-03	-5.50E-04	-1.09E-03	-4.07E-07	-1.23E-06	-7.12E-07	-3.33E-07	-3.02E-07	-1.38E-07	-2.72E-07	-1.36E-08	-3.29E-07	-7.25E-08	-4.52E-08	-7.17E-08	-1.26E-08	-1.79E-08	-5.62E-07
1173	475343.71, 3849005.61	11.56698	-1.46E-03	-6.84E-04	-1.35E-03	-5.07E-07	-1.53E-06	-8.85E-07	-4.14E-07	-3.75E-07	-1.71E-07	-3.38E-07	-1.69E-08	-4.09E-07	-9.02E-08	-5.62E-08	-8.91E-08	-1.57E-08	-2.23E-08	-6.99E-07
1174	475368.71, 3848705.61	2.72165	-3.44E-04	-1.61E-04	-3.18E-04	-1.19E-07	-3.60E-07	-2.08E-07	-9.74E-08	-8.83E-08	-4.03E-08	-7.95E-08	-3.98E-09	-9.61E-08	-2.12E-08	-1.32E-08	-2.10E-08	-3.70E-09	-5.25E-09	-1.64E-07
1175	475368.71, 3848730.61	2.91135	-3.68E-04	-1.72E-04	-3.40E-04	-1.28E-07	-3.85E-07	-2.23E-07	-1.04E-07	-9.44E-08	-4.31E-08	-8.51E-08	-4.26E-09	-1.03E-07	-2.27E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.61E-09	-1.76E-07
1176	475368.71, 3848755.61	3.26585	-4.13E-04	-1.93E-04	-3.81E-04	-1.43E-07	-4.32E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.83E-08	-9.55E-08	-4.78E-09	-1.15E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.44E-09	-6.30E-09	-1.97E-07
1177	475368.71, 3848780.61	3.65388	-4.62E-04	-2.16E-04	-4.27E-04	-1.60E-07	-4.83E-07	-2.80E-07	-1.31E-07	-1.19E-07	-5.41E-08	-1.07E-07	-5.34E-09	-1.29E-07	-2.85E-08	-1.78E-08	-2.82E-08	-4.96E-09	-7.04E-09	-2.21E-07
1178	475368.71, 3848805.61	4.05594	-5.13E-04	-2.40E-04	-4.74E-04	-1.78E-07	-5.36E-07	-3.10E-07	-1.45E-07	-1.32E-07	-6.00E-08	-1.19E-07	-5.93E-09	-1.43E-07	-3.16E-08	-1.97E-08	-3.13E-08	-5.51E-09	-7.82E-09	-2.45E-07
1179	475368.71, 3848830.61	4.42599	-5.60E-04	-2.62E-04	-5.17E-04	-1.94E-07	-5.85E-07	-3.39E-07	-1.58E-07	-1.44E-07	-6.55E-08	-1.29E-07	-6.47E-09	-1.56E-07	-3.45E-08	-2.15E-08	-3.41E-08	-6.01E-09	-8.53E-09	-2.67E-07
1180	475368.71, 3848855.61	4.84546	-6.13E-04	-2.87E-04	-5.66E-04	-2.12E-07	-6.41E-07	-3.71E-07	-1.73E-07	-1.57E-07	-7.17E-08	-1.42E-07	-7.09E-09	-1.71E-07	-3.78E-08	-2.35E-08	-3.73E-08	-6.58E-09	-9.34E-09	-2.93E-07
1181	475368.71, 3848880.61	5.34087	-6.76E-04	-3.16E-04	-6.24E-04	-2.34E-07	-7.06E-07	-4.09E-07	-1.91E-07	-1.73E-07	-7.90E-08	-1.56E-07	-7.81E-09	-1.89E-07	-4.16E-08	-2.59E-08	-4.12E-08	-7.25E-09	-1.03E-08	-3.23E-07
1182	475368.71, 3848905.61	5.81264	-7.35E-04	-3.44E-04	-6.79E-04	-2.55E-07	-7.69E-07	-4.45E-07	-2.08E-07	-1.89E-07	-8.60E-08	-1.70E-07	-8.50E-09	-2.05E-07	-4.53E-08	-2.82E-08	-4.48E-08	-7.89E-09	-1.12E-08	-3.51E-07
1183	475368.71, 3848930.61	6.40403	-8.10E-04	-3.79E-04	-7.48E-04	-2.80E-07	-8.47E-07	-4.90E-07	-2.29E-07	-2.08E-07	-9.48E-08	-1.87E-07	-9.37E-09	-2.26E-07	-4.99E-08	-3.11E-08	-4.94E-08	-8.70E-09	-1.23E-08	-3.87E-07
1184	475368.71, 3848955.61	7.22252	-9.14E-04	-4.27E-04	-8.43E-04	-3.16E-07	-9.55E-07	-5.53E-07	-2.58E-07	-2.34E-07	-1.07E-07	-2.11E-07	-1.06E-08	-2.55E-07	-5.63E-08	-3.51E-08	-5.57E-08	-9.81E-09	-1.39E-08	-4.36E-07
1185	475368.71, 3848980.61	8.43788	-1.07E-03	-4.99E-04	-9.85E-04	-3.70E-07	-1.12E-06	-6.46E-07	-3.02E-07	-2.74E-07	-1.25E-07	-2.47E-07	-1.23E-08	-2.98E-07	-6.58E-08	-4.10E-08	-6.50E-08	-1.15E-08	-1.63E-08	-5.10E-07
1186	475368.71, 3849005.61	10.30559	-1.30E-03	-6.09E-04	-1.20E-03	-4.51E-07	-1.36E-06	-7.89E-07	-3.69E-07	-3.34E-07	-1.53E-07	-3.01E-07	-1.51E-08	-3.64E-07	-8.03E-08	-5.01E-08	-7.94E-08	-1.40E-08	-1.99E-08	-6.23E-07
1187	475368.71, 3849030.61	13.39003	-1.69E-03	-7.92E-04	-1.56E-03	-5.86E-07	-1.77E-06	-1.02E-06	-4.79E-07	-4.34E-07	-1.98E-07	-3.91E-07	-1.96E-08	-4.73E-07	-1.04E-07	-6.50E-08	-1.03E-07	-1.82E-08	-2.58E-08	-8.09E-07
1188	475393.71, 3848730.61	2.93631	-3.71E-04	-1.74E-04	-3.43E-04	-1.29E-07	-3.88E-07	-2.25E-07	-1.05E-07	-9.52E-08	-4.35E-08	-8.58E-08	-4.29E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.26E-08	-3.99E-09	-5.66E-09	-1.77E-07
1189	475393.71, 3848755.61	3.14588	-3.98E-04	-1.86E-04	-3.67E-04	-1.38E-07	-4.16E-07	-2.41E-07	-1.13E-07	-1.02E-07	-4.66E-08	-9.19E-08	-4.60E-09	-1.11E-07	-2.45E-08	-1.53E-08	-2.42E-08	-4.27E-09	-6.06E-09	-1.90E-07
1190	475393.71, 3848780.61	3.48533	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.73E-09	-6.72E-09	-2.11E-07
1191	475393.71, 3848805.61	3.83587	-4.85E-04	-2.27E-04	-4.48E-04	-1.68E-07	-5.07E-07	-2.94E-07	-1.37E-07	-1.24E-07	-5.68E-08	-1.12E-07	-5.61E-09	-1.36E-07	-2.99E-08	-1.86E-08	-2.96E-08	-5.21E-09	-7.40E-09	-2.32E-07
1192	475393.71, 3848830.61	4.17135	-5.28E-04	-2.47E-04	-4.87E-04	-1.83E-07	-5.52E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.17E-08	-1.22E-07	-6.10E-09	-1.47E-07	-3.25E-08	-2.03E-08	-3.21E-08	-5.67E-09	-8.04E-09	-2.52E-07
1193	475393.71, 3848855.61	4.48158	-5.67E-04	-2.65E-04	-5.23E-04	-1.96E-07	-5.93E-07	-3.43E-07	-1.60E-07	-1.45E-07	-6.63E-08	-1.31E-07	-6.55E-09	-1.58E-07	-3.49E-08	-2.18E-08	-3.45E-08	-6.09E-09	-8.64E-09	-2.71E-07
1194	475393.71, 3848880.61	4.86669	-6.16E-04	-2.88E-04	-5.68E-04	-2.13E-07	-6.44E-07	-3.73E-07	-1.74E-07	-1.58E-07	-7.20E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.79E-08	-2.36E-08	-3.75E-08	-6.61E-09	-9.38E-09	-2.94E-07
1195	475393.71, 3848905.61	5.34267	-6.76E-04	-3.16E-04	-6.24E-04	-2.34E-07	-7.06E-07	-4.09E-07	-1.91E-07	-1.73E-07	-7.91E-08	-1.56E-07	-7.81E-09	-1.89E-07	-4.16E-08	-2.60E-08	-4.12E-08	-7.26E-09	-1.03E-08	-3.23E-07
1196	475393.71, 3848930.61	5.6998	-7.21E-04	-3.37E-04	-6.66E-04	-2.50E-07	-7.54E-07	-4.36E-07	-2.04E-07	-1.85E-07	-8.44E-08	-1.67E-07	-8.34E-09	-2.01E-07	-4.44E-08	-2.77E-08	-4.39E-08	-7.74E-09	-1.10E-08	-3.44E-07
1197	475393.71, 3848955.61	6.60815	-8.36E-04	-3.91E-04	-7.72E-04	-2.89E-07	-8.74E-07	-5.06E-07	-2.36E-07	-2.14E-07	-9.78E-08	-1.93E-07	-9.66E-09	-2.33E-07	-5.15E-08	-3.21E-08	-5.09E-08	-8.98E-09	-1.27E-08	-3.99E-07
1198	475393.71, 3848980.61	7.71846	-9.76E-04	-4.56E-04	-9.01E-04	-3.38E-07	-1.02E-06	-5.91E-07	-2.76E-07	-2.50E-07	-1.14E-07	-2.26E-07	-1.13E-08	-2.73E-07	-6.02E-08	-3.75E-08	-5.95E-08	-1.05E-08	-1.49E-08	-4.66E-07
1199	475393.71, 3849005.61	9.30049	-1.18E-03	-5.50E-04	-1.09E-03	-4.07E-07	-1.23E-06	-7.12E-07	-3.33E-07	-3.02E-07	-1.38E-07	-2.72E-07	-1.36E-08	-3.29E-07	-7.25E-08	-4.52E-08	-7.17E-08	-1.26E-08	-1.79E-08	-5.62E-07
1200	475393.71, 3849030.61	11.73899	-1.49E-03	-6.94E-04	-1.37E-03	-5.14E-07	-1.55E-06	-8.99E-07	-4.20E-07	-3.81E-07	-1.74E-07	-3.43E-07	-1.72E-08	-4.15E-07	-9.15E-08	-5.70E-08	-9.05E-08	-1.59E-08	-2.26E-08	-7.09E-07
1201	475418.71, 3848755.61	3.13934	-3.97E-04	-1.86E-04	-3.67E-04	-1.37E-07	-4.15E-07	-2.40E-07	-1.12E-07	-1.02E-07	-4.65E-08	-9.18E-08	-4.59E-09	-1.11E-07	-2.45E-08	-1.53E-08	-2.42E-08	-4.26E-09	-6.05E-09	-1.90E-07
1202	475418.71, 3848780.61	3.34332	-4.23E-04	-1.98E-04	-3.90E-04	-1.46E-07	-4.42E-07	-2.56E-07	-1.20E-07	-1.08E-07	-4.95E-08	-9.77E-08	-4.89E-09	-1.18E-07	-2.61E-08	-1.62E-08	-2.58E-08	-4.54E-09	-6.45E-09	-2.02E-07
1203	475418.71, 3848805.61	3.59089	-4.54E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.75E-07	-2.75E-07	-1.28E-07	-1.16E-07	-5.31E-08	-1.05E-07	-5.25E-09	-1.27E-07	-2.80E-08	-1.74E-08	-2.77E-08	-4.88E-09	-6.92E-09	-2.17E-07
1204	475418.71, 3848830.61	3.87871	-4.91E-04	-2.29E-04	-4.53E-04	-1.70E-07	-5.13E-07	-2.97E-07	-1.39E-07	-1.26E-07	-5.74E-08	-1.13E-07	-5.67E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.99E-08	-5.27E-09	-7.48E-09	-2.34E-07
1205	475418.71, 3848855.61	4.1701	-5.28E-04	-2.47E-04	-4.87E-04	-1.83E-07	-5.51E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.17E-08	-1.22E-07	-6.10E-09	-1.47E-07	-3.25E-08	-2.03E-08	-3.21E-08	-5.66E-09	-8.04E-09	-2.52E-07
1206	475418.71, 3848880.61	4.51319	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.97E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
1207	475418.71, 3848905.61	4.82407	-6.10E-04	-2.85E-04	-5.63E-04	-2.11E-07	-6.38E-07	-3.69E-07	-1.73E-07	-1.56E-07	-7.14E-08	-1.41E-07	-7.05E-09	-1.70E-07	-3.76E-08	-2.34E-08	-3.72E-08	-6.55E-09	-9.30E-09	-2.92E-07
1208	475418.71, 3848930.61	5.15434	-6.52E-04	-3.05E-04	-6.02E-04	-2.26E-07	-6.82E-07	-3.95E-07	-1.84E-07	-1.67E-07	-7.63E-08	-1.51E-07	-7.54E-09	-1.82E-07	-4.02E-08	-2.50E-08	-3.97E-08	-7.00E-09	-9.94E-09	-3.11E-07
1209	475418.71, 3848955.61	5.85613	-7.41E-04	-3.46E-04	-6.84E-04	-2.56E-07	-7.74E-07	-4.48E-07	-2.10E-07	-1.90E-07	-8.67E-08	-1.71E-07	-8.56E-09	-2.07E-07	-4.56E-08	-2.84E-08	-4.51E-08	-7.95E-09	-1.13E-08	-3.54E-07
1210	475418.71, 3848980.61	7.16794	-9.07E-04	-4.24E-04	-8.37E-04	-3.14E-07	-9.48E-07	-5.49E-07	-2.56E-07	-2.32E-07	-1.06E-07	-2.10E-07	-1.05E-08	-2.53E-07	-5.59E-08	-3.48E-08	-5.52E-08	-9.74E-09	-1.38E-08	-4.33E-07
1211	475418.71, 3849005.61	8.49749	-1.08E-03	-5.02E-04	-9.92E-04	-3.72E-07	-1.12E-06	-6.50E-07	-3.04E-07	-2.76E-07	-1.26E-07	-2.48E-07	-1.24E-08	-3.00E-07	-6.62E-08	-4.13E-08	-6.55E-08	-1.15E-08	-1.64E-08	-5.14E-07

1212	475418.71, 3849030.61	10.44129	-1.32E-03	-6.17E-04	-1.22E-03	-4.57E-07	-1.38E-06	-7.99E-07	-3.74E-07	-3.39E-07	-1.55E-07	-3.05E-07	-1.53E-08	-3.69E-07	-8.14E-08	-5.07E-08	-8.05E-08	-1.42E-08	-2.01E-08	-6.31E-07
1213	475418.71, 3849055.61	13.97267	-1.77E-03	-8.26E-04	-1.63E-03	-6.12E-07	-1.85E-06	-1.07E-06	-5.00E-07	-4.53E-07	-2.07E-07	-4.08E-07	-2.04E-08	-4.94E-07	-1.09E-07	-6.79E-08	-1.08E-07	-1.90E-08	-2.69E-08	-8.44E-07
1214	475443.71, 3848780.61	3.33733	-4.22E-04	-1.97E-04	-3.90E-04	-1.46E-07	-4.41E-07	-2.55E-07	-1.19E-07	-1.08E-07	-4.94E-08	-9.75E-08	-4.88E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.53E-09	-6.43E-09	-2.02E-07
1215	475443.71, 3848805.61	3.46276	-4.38E-04	-2.05E-04	-4.04E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.12E-08	-1.01E-07	-5.06E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.68E-09	-2.09E-07
1216	475443.71, 3848830.61	3.63193	-4.59E-04	-2.15E-04	-4.24E-04	-1.59E-07	-4.80E-07	-2.78E-07	-1.30E-07	-1.18E-07	-5.38E-08	-1.06E-07	-5.31E-09	-1.28E-07	-2.83E-08	-1.76E-08	-2.80E-08	-4.93E-09	-7.00E-09	-2.19E-07
1217	475443.71, 3848855.61	3.87067	-4.90E-04	-2.29E-04	-4.52E-04	-1.70E-07	-5.12E-07	-2.96E-07	-1.38E-07	-1.26E-07	-5.73E-08	-1.13E-07	-5.66E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.98E-08	-5.26E-09	-7.46E-09	-2.34E-07
1218	475443.71, 3848880.61	4.1946	-5.31E-04	-2.48E-04	-4.90E-04	-1.84E-07	-5.55E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.21E-08	-1.23E-07	-6.13E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.70E-09	-8.09E-09	-2.53E-07
1219	475443.71, 3848905.61	4.46497	-5.65E-04	-2.64E-04	-5.21E-04	-1.96E-07	-5.90E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.61E-08	-1.31E-07	-6.53E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.06E-09	-8.61E-09	-2.70E-07
1220	475443.71, 3848930.61	4.89538	-6.19E-04	-2.89E-04	-5.72E-04	-2.14E-07	-6.47E-07	-3.75E-07	-1.75E-07	-1.59E-07	-7.25E-08	-1.43E-07	-7.16E-09	-1.73E-07	-3.82E-08	-2.38E-08	-3.77E-08	-6.65E-09	-9.44E-09	-2.96E-07
1221	475443.71, 3848955.61	5.55673	-7.03E-04	-3.29E-04	-6.49E-04	-2.43E-07	-7.35E-07	-4.25E-07	-1.99E-07	-1.80E-07	-8.22E-08	-1.62E-07	-8.13E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.55E-09	-1.07E-08	-3.36E-07
1222	475443.71, 3848980.61	6.68763	-8.46E-04	-3.95E-04	-7.81E-04	-2.93E-07	-8.84E-07	-5.12E-07	-2.39E-07	-2.17E-07	-9.90E-08	-1.95E-07	-9.78E-09	-2.36E-07	-5.21E-08	-3.25E-08	-5.15E-08	-9.08E-09	-1.29E-08	-4.04E-07
1223	475443.71, 3849005.61	7.7791	-9.84E-04	-4.60E-04	-9.08E-04	-3.41E-07	-1.03E-06	-5.95E-07	-2.78E-07	-2.52E-07	-1.15E-07	-2.27E-07	-1.14E-08	-2.75E-07	-6.06E-08	-3.78E-08	-5.99E-08	-1.06E-08	-1.50E-08	-4.70E-07
1224	475443.71, 3849030.61	9.36453	-1.18E-03	-5.54E-04	-1.09E-03	-4.10E-07	-1.24E-06	-7.17E-07	-3.35E-07	-3.04E-07	-1.39E-07	-2.74E-07	-1.37E-08	-3.31E-07	-7.30E-08	-4.55E-08	-7.22E-08	-1.27E-08	-1.81E-08	-5.66E-07
1225	475443.71, 3849055.61	12.11084	-1.53E-03	-7.16E-04	-1.41E-03	-5.30E-07	-1.60E-06	-9.27E-07	-4.33E-07	-3.93E-07	-1.79E-07	-3.54E-07	-1.77E-08	-4.28E-07	-9.44E-08	-5.88E-08	-9.33E-08	-1.64E-08	-2.33E-08	-7.32E-07
1226	475468.71, 3848780.61	3.38316	-4.28E-04	-2.00E-04	-3.95E-04	-1.48E-07	-4.47E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.01E-08	-9.89E-08	-4.95E-09	-1.20E-07	-2.64E-08	-1.64E-08	-2.61E-08	-4.59E-09	-6.52E-09	-2.04E-07
1227	475468.71, 3848805.61	3.42438	-4.33E-04	-2.02E-04	-4.00E-04	-1.50E-07	-4.53E-07	-2.62E-07	-1.23E-07	-1.11E-07	-5.07E-08	-1.00E-07	-5.01E-09	-1.21E-07	-2.67E-08	-1.66E-08	-2.64E-08	-4.65E-09	-6.60E-09	-2.07E-07
1228	475468.71, 3848830.61	3.4882	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.74E-09	-6.72E-09	-2.11E-07
1229	475468.71, 3848855.61	3.63052	-4.59E-04	-2.15E-04	-4.24E-04	-1.59E-07	-4.80E-07	-2.78E-07	-1.30E-07	-1.18E-07	-5.37E-08	-1.06E-07	-5.31E-09	-1.28E-07	-2.83E-08	-1.76E-08	-2.80E-08	-4.93E-09	-7.00E-09	-2.19E-07
1230	475468.71, 3848880.61	3.87225	-4.90E-04	-2.29E-04	-4.52E-04	-1.70E-07	-5.12E-07	-2.96E-07	-1.39E-07	-1.26E-07	-5.73E-08	-1.13E-07	-5.66E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.98E-08	-5.26E-09	-7.47E-09	-2.34E-07
1231	475468.71, 3848905.61	4.1891	-5.30E-04	-2.48E-04	-4.89E-04	-1.83E-07	-5.54E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.20E-08	-1.22E-07	-6.13E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.69E-09	-8.08E-09	-2.53E-07
1232	475468.71, 3848930.61	4.61344	-5.84E-04	-2.73E-04	-5.39E-04	-2.02E-07	-6.10E-07	-3.53E-07	-1.65E-07	-1.50E-07	-6.83E-08	-1.35E-07	-6.75E-09	-1.63E-07	-3.60E-08	-2.24E-08	-3.56E-08	-6.27E-09	-8.89E-09	-2.79E-07
1233	475468.71, 3848955.61	5.17947	-6.55E-04	-3.06E-04	-6.05E-04	-2.27E-07	-6.85E-07	-3.96E-07	-1.85E-07	-1.68E-07	-7.67E-08	-1.51E-07	-7.57E-09	-1.83E-07	-4.04E-08	-2.52E-08	-3.99E-08	-7.03E-09	-9.99E-09	-3.13E-07
1234	475468.71, 3848980.61	5.98397	-7.57E-04	-3.54E-04	-6.99E-04	-2.62E-07	-7.91E-07	-4.58E-07	-2.14E-07	-1.94E-07	-8.86E-08	-1.75E-07	-8.75E-09	-2.11E-07	-4.66E-08	-2.91E-08	-4.61E-08	-8.13E-09	-1.15E-08	-3.62E-07
1235	475468.71, 3849005.61	7.01924	-8.88E-04	-4.15E-04	-8.20E-04	-3.07E-07	-9.28E-07	-5.37E-07	-2.51E-07	-2.28E-07	-1.04E-07	-2.05E-07	-1.03E-08	-2.48E-07	-5.47E-08	-3.41E-08	-5.41E-08	-9.53E-09	-1.35E-08	-4.24E-07
1236	475468.71, 3849030.61	8.24285	-1.04E-03	-4.87E-04	-9.63E-04	-3.61E-07	-1.09E-06	-6.31E-07	-2.95E-07	-2.67E-07	-1.22E-07	-2.41E-07	-1.21E-08	-2.91E-07	-6.43E-08	-4.00E-08	-6.35E-08	-1.12E-08	-1.59E-08	-4.98E-07
1237	475468.71, 3849055.61	10.67866	-1.35E-03	-6.31E-04	-1.25E-03	-4.68E-07	-1.41E-06	-8.17E-07	-3.82E-07	-3.46E-07	-1.58E-07	-3.12E-07	-1.56E-08	-3.77E-07	-8.32E-08	-5.19E-08	-8.23E-08	-1.45E-08	-2.06E-08	-6.45E-07
1238	475493.71, 3848805.61	3.41009	-4.31E-04	-2.02E-04	-3.98E-04	-1.49E-07	-4.51E-07	-2.61E-07	-1.22E-07	-1.11E-07	-5.05E-08	-9.97E-08	-4.99E-09	-1.20E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.63E-09	-6.57E-09	-2.06E-07
1239	475493.71, 3848830.61	3.45195	-4.37E-04	-2.04E-04	-4.03E-04	-1.51E-07	-4.56E-07	-2.64E-07	-1.24E-07	-1.12E-07	-5.11E-08	-1.01E-07	-5.05E-09	-1.22E-07	-2.69E-08	-1.68E-08	-2.66E-08	-4.69E-09	-6.65E-09	-2.09E-07
1240	475493.71, 3848855.61	3.53595	-4.47E-04	-2.09E-04	-4.13E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.23E-08	-1.03E-07	-5.17E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.72E-08	-4.80E-09	-6.82E-09	-2.14E-07
1241	475493.71, 3848880.61	3.65288	-4.62E-04	-2.16E-04	-4.27E-04	-1.60E-07	-4.83E-07	-2.80E-07	-1.31E-07	-1.18E-07	-5.41E-08	-1.07E-07	-5.34E-09	-1.29E-07	-2.85E-08	-1.77E-08	-2.82E-08	-4.96E-09	-7.04E-09	-2.21E-07
1242	475493.71, 3848905.61	3.89856	-4.93E-04	-2.31E-04	-4.55E-04	-1.71E-07	-5.16E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.77E-08	-1.14E-07	-5.70E-09	-1.38E-07	-3.04E-08	-1.89E-08	-3.00E-08	-5.29E-09	-7.52E-09	-2.36E-07
1243	475493.71, 3848930.61	4.2981	-5.44E-04	-2.54E-04	-5.02E-04	-1.88E-07	-5.68E-07	-3.29E-07	-1.54E-07	-1.39E-07	-6.36E-08	-1.26E-07	-6.29E-09	-1.52E-07	-3.35E-08	-2.09E-08	-3.31E-08	-5.84E-09	-8.29E-09	-2.60E-07
1244	475493.71, 3848955.61	4.82524	-6.10E-04	-2.85E-04	-5.64E-04	-2.11E-07	-6.38E-07	-3.69E-07	-1.73E-07	-1.57E-07	-7.14E-08	-1.41E-07	-7.06E-09	-1.70E-07	-3.76E-08	-2.34E-08	-3.72E-08	-6.55E-09	-9.30E-09	-2.92E-07
1245	475493.71, 3848980.61	5.45272	-6.90E-04	-3.22E-04	-6.37E-04	-2.39E-07	-7.21E-07	-4.17E-07	-1.95E-07	-1.77E-07	-8.07E-08	-1.59E-07	-7.97E-09	-1.93E-07	-4.25E-08	-2.65E-08	-4.20E-08	-7.41E-09	-1.05E-08	-3.30E-07
1246	475493.71, 3849005.61	6.18671	-7.83E-04	-3.66E-04	-7.23E-04	-2.71E-07	-8.18E-07	-4.74E-07	-2.21E-07	-2.01E-07	-9.16E-08	-1.81E-07	-9.05E-09	-2.19E-07	-4.82E-08	-3.01E-08	-4.77E-08	-8.40E-09	-1.19E-08	-3.74E-07
1247	475493.71, 3849030.61	7.25431	-9.18E-04	-4.29E-04	-8.47E-04	-3.18E-07	-9.59E-07	-5.55E-07	-2.60E-07	-2.35E-07	-1.07E-07	-2.12E-07	-1.06E-08	-2.56E-07	-5.65E-08	-3.52E-08	-5.59E-08	-9.85E-09	-1.40E-08	-4.38E-07
1248	475493.71, 3849055.61	9.80779	-1.24E-03	-5.80E-04	-1.15E-03	-4.30E-07	-1.30E-06	-7.51E-07	-3.51E-07	-3.18E-07	-1.45E-07	-2.87E-07	-1.43E-08	-3.46E-07	-7.65E-08	-4.76E-08	-7.56E-08	-1.33E-08	-1.89E-08	-5.93E-07
1249	475518.71, 3848830.61	3.41607	-4.32E-04	-2.02E-04	-3.99E-04	-1.50E-07	-4.52E-07	-2.61E-07	-1.22E-07	-1.11E-07	-5.06E-08	-9.98E-08	-5.00E-09	-1.21E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.64E-09	-6.59E-09	-2.06E-07
1250	475518.71, 3848855.61	3.53144	-4.47E-04	-2.09E-04	-4.12E-04	-1.55E-07	-4.67E-07	-2.70E-07	-1.26E-07	-1.15E-07	-5.23E-08	-1.03E-07	-5.16E-09	-1.25E-07	-2.75E-08	-1.72E-08	-2.72E-08	-4.80E-09	-6.81E-09	-2.13E-07
1251	475518.71, 3848880.61	3.68669	-4.66E-04	-2.18E-04	-4.31E-04	-1.61E-07	-4.88E-07	-2.82E-07	-1.32E-07	-1.20E-07	-5.46E-08	-1.08E-07	-5.39E-09	-1.30E-07	-2.87E-08	-1.79E-08	-2.84E-08	-5.01E-09	-7.11E-09	-2.23E-07
1252	475518.71, 3848905.61	3.71254	-4.70E-04	-2.20E-04	-4.34E-04	-1.63E-07	-4.91E-07	-2.84E-07	-1.33E-07	-1.20E-07	-5.49E-08	-1.09E-07	-5.43E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.86E-08	-5.04E-09	-7.16E-09	-2.24E-07
1253	475518.71, 3848930.61	4.0274	-5.10E-04	-2.38E-04	-4.70E-04	-1.76E-07	-5.33E-07	-3.08E-07	-1.44E-07	-1.31E-07	-5.96E-08	-1.18E-07	-5.89E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.10E-08	-5.47E-09	-7.76E-09	-2.43E-07
1254	475518.71, 3848955.61	4.51106	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.97E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
1255	475518.71, 3848980.61	5.07917	-6.43E-04	-3.00E-04	-5.93E-04	-2.22E-07	-6.72E-07	-3.89E-07	-1.82E-07	-1.65E-07	-7.52E-08	-1.48E-07	-7.43E-09	-1.79E-07	-3.96E-08	-2.47E-08	-3.91E-08	-6.90E-09	-9.79E-09	-3.07E-07
1256	475518.71, 3849005.61	5.75101	-7.28E-04	-3.40E-04	-6.72E-04	-2.52E-07	-7.60E-07	-4.40E-07	-2.06E-07	-1.87E-07	-8.51E-08	-1.68E-07	-8.41E-09	-2.03E-07	-4.48E-08	-2.79E-08	-4.43E-08	-7.81E-09	-1.11E-08	-3.48E-07
1257	475518.71, 3849030.61	7.02511	-8.89E-04	-4.15E-04	-8.20E-04	-3.08E-07	-9.29E-07	-5.38E-07	-2.51E-07	-2.28E-07	-1.04E-07	-2.05E-07	-1.03E-08	-2.48E-07	-5.48E-08	-3.41E-08	-5.41E-08	-9.54E-09	-1.35E-08	-4.25E-07
1258	475518.71, 3849055.61	9.14476	-1.16E-03	-5.41E-04	-1.07E-03	-4.00E-07	-1.21E-06	-7.00E-07	-3.27E-07	-2.97E-07	-1.35E-07	-2.67E-07	-1.34E-08	-3.23E-07	-7.13E-08	-4.44E-08	-7.05E-08	-1.24E-08	-1.76E-08	-5.53E-07
1259	475518.71, 3849080.61	12.02091	-1.52E-03	-7.11E-04	-1.40E-03	-5.26E-07	-1.59E-06	-9.20E-07	-4.30E-07	-3.90E-07	-1.78E-07	-3.51E-07	-1.76E-08	-4.25E-07	-9.37E-08	-5.84E-08	-9.26E-08	-1.63E-08	-2.32E-08	-7.26E-07
1260	475543.71, 3848855.61	3.5586	-4.50E-04	-2.10E-04	-4.16E-04	-1.56E-07	-4.71E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.27E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.86E-09	-2.15E-07
1261	475543.71, 3848880.61	3.62391	-4.58E-04	-2.14E-04	-4.23E-04	-1.59E-07	-4.79E-07	-2.77E-07	-1.30E-07	-1.18E-07	-5.36E-08	-1.06E-07	-5.30E-09	-1.28E-07	-2.82E-08	-1.76E-08	-2.79E-08	-4.92E-09	-6.99E-09	-2.19E-07
1262	475543.71, 3848905.61	3.64488	-4.61E-04	-2.16E-04	-4.26E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.39E-08	-1.07E-07	-5.33E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.03E-09	-2.20E-07
1263	475543.71, 3848930.61	3.91162	-4.95E-04	-2.31E-04	-4.57E-04	-1.71E-07	-5.17E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.79E-08	-1.14E-07	-5.72E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.01E-08	-5.31E-09	-7.54E-09	-2.36E-07
1264	475543.71, 3848955.61	4.29095	-5.43E-04	-2.54E-04	-5.01E-04	-1.88E-07	-5.67E-07	-3.28E-07	-1.54E-07	-1.39E-07	-6.35E-08	-1.25E-07	-6.28E-09	-1.52E-07	-3.34E-08	-2.08E-08	-3.31E-08	-5.83E-09	-8.27E-09	-2.59E-07
1265	475543.71, 3848980.61	4.79753	-6.07E-04	-2.84E-04	-5.60E-04	-2.10E-07	-6.34E-07	-3.67E-07	-1.72E-07	-1.56E-07	-7.10E-08	-1.40E-07	-7.02E-09	-1.69E-07	-3.74E-08	-2.33E-08	-3.70E-08	-6.52E-09	-9.25E-09	-2.90E-07
1266	475543.71, 3849005.61	5.49245	-6.95E-04	-3.25E-04	-6.41E-04	-2.41E-07	-7.26E-07	-4.20E-07	-1.97E-07	-1.78E-07	-8.13E-08	-1.61E-07	-8.03E-09	-1.94E-07	-4.28E-08	-2.67E-08	-4.23E-08	-7.46E-09	-1.06E-08	-3.32E-07
1267	475543.71, 3849030.61	6.50194	-8.23E-04	-3.84E-04	-7.59E-04	-2.85E-07	-8.60E-07	-4.98E-07	-2.33E-07	-2.11E-07	-9.62E-08	-1.90E-07	-9.51E-09	-2.30E-07	-5.07E-08	-3.16E-08	-5.01E-08	-8.83E-09	-1.25E-08	-3.93E-07
1268	475543.71, 3849055.61	8.54131	-1.08E-03	-5.05E-04	-9.97E-04	-3.74E-07	-1.13E-06	-6.54E-07	-3.06E-07	-2.77E-07	-1.26E-07	-2.50E-07	-1.25E-08	-3.02E-07	-6.66E-08	-4.15E-08	-6.58E-08	-1.16E-08	-1.65E-08	-5.16E-07
1269	475543.71, 3849080.61	11.04482	-1.40E-03	-6.53E-04	-1.29E-03	-4.84E-07	-1.46E-06	-8.45E-07	-3.95E-07	-3.58E-07	-1.63E-07	-3.23E-07	-1.62E-08	-3.90E-07	-8.61E-08	-5.37E-08	-8.51E-08	-1.50E-08	-2.13E-08	-6.67E-07
1270	475568.71, 3848880.61	3.58261	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.17E-07
1271	475568.71, 3848905.61	3.73145	-4.72E-04	-2.21E-04	-4.36E-04	-1.63E-07	-4.93E-07	-2.86E-07	-1.34E-07	-1.21E-07	-5.52E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.88E-08	-5.07E-09	-7.19E-09	-2.26E-07
1272	475568.71, 3848930.61	4.01794	-5.08E-04	-2.38E-04	-4.69E-04	-1.76E-07	-5.31E-07	-3.08E-07	-1.44E-07	-1.30E-07	-5.95E-08	-1.17E-07	-5.88E-09	-1.42E-07	-3.13E-08	-1.95E-08	-3.10E-08	-5.46E-09	-7.75E-09	-2.43E-07
1273	475568.71, 3848955.61	4.3112	-5.45E-04	-2.55E-04	-5.03E-04	-1.89E-07	-5.70E-07	-3.30E-07	-1.54E-07	-1.40E-07	-6.38E-08	-1.26E-07	-6.30E-09	-1.52E-07	-3.36E-08	-2.09E-08	-3.32E-08	-5.86E-09	-8.31E-09	-2.61E-07
1274	475568.71, 3848980.61	4.67104	-5.91E-04	-2.76E-04	-5.45E-04	-2.05E-07	-6.18E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.91E-08	-1.37E-07	-6.83E-09	-1.65E-07	-3.64E-08	-2.27E-08	-3.60E-08	-6.34E-09	-9.01E-09	-2.82E-07
1275	475568.71, 3849005.61	5.25394	-6.65E-04	-3.11E-04	-6.14E-04	-2.30E-07	-6.95E-07	-4.02E-07	-1.88E-07	-1.70E-07	-7.78E-08	-1.54E-07	-7.68E-09	-1.86E-07	-4.10E-08	-2.55E-08	-4.05E-08	-7.14E-09	-1.01E-08	-3.18E-07

1276	475568.71, 3849030.61	6.08508	-7.70E-04	-3.60E-04	-7.11E-04	-2.66E-07	-8.05E-07	-4.66E-07	-2.18E-07	-1.97E-07	-9.01E-08	-1.78E-07	-8.90E-09	-2.15E-07	-4.74E-08	-2.96E-08	-4.69E-08	-8.26E-09	-1.17E-08	-3.68E-07
1277	475568.71, 3849055.61	8.08212	-1.02E-03	-4.78E-04	-9.44E-04	-3.54E-07	-1.07E-06	-6.19E-07	-2.89E-07	-2.62E-07	-1.20E-07	-2.36E-07	-1.18E-08	-2.86E-07	-6.30E-08	-3.93E-08	-6.23E-08	-1.10E-08	-1.56E-08	-4.88E-07
1278	475568.71, 3849080.61	10.35311	-1.31E-03	-6.12E-04	-1.21E-03	-4.53E-07	-1.37E-06	-7.93E-07	-3.70E-07	-3.36E-07	-1.53E-07	-3.03E-07	-1.51E-08	-3.66E-07	-8.07E-08	-5.03E-08	-7.98E-08	-1.41E-08	-2.00E-08	-6.26E-07
1279	475593.71, 3848905.61	3.76543	-4.76E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.98E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.90E-08	-5.11E-09	-7.26E-09	-2.28E-07
1280	475593.71, 3848930.61	3.99635	-5.06E-04	-2.36E-04	-4.67E-04	-1.75E-07	-5.28E-07	-3.06E-07	-1.43E-07	-1.30E-07	-5.91E-08	-1.17E-07	-5.84E-09	-1.41E-07	-3.12E-08	-1.94E-08	-3.08E-08	-5.43E-09	-7.70E-09	-2.42E-07
1281	475593.71, 3848955.61	4.2693	-5.40E-04	-2.52E-04	-4.99E-04	-1.87E-07	-5.65E-07	-3.27E-07	-1.53E-07	-1.38E-07	-6.32E-08	-1.25E-07	-6.24E-09	-1.51E-07	-3.33E-08	-2.07E-08	-3.29E-08	-5.80E-09	-8.23E-09	-2.58E-07
1282	475593.71, 3848980.61	4.65109	-5.88E-04	-2.75E-04	-5.43E-04	-2.04E-07	-6.15E-07	-3.56E-07	-1.66E-07	-1.51E-07	-6.88E-08	-1.36E-07	-6.80E-09	-1.64E-07	-3.63E-08	-2.26E-08	-3.58E-08	-6.32E-09	-8.97E-09	-2.81E-07
1283	475593.71, 3849005.61	5.24253	-6.63E-04	-3.10E-04	-6.12E-04	-2.30E-07	-6.93E-07	-4.01E-07	-1.88E-07	-1.70E-07	-7.76E-08	-1.53E-07	-7.67E-09	-1.85E-07	-4.09E-08	-2.55E-08	-4.04E-08	-7.12E-09	-1.01E-08	-3.17E-07
1284	475593.71, 3849030.61	6.33728	-8.02E-04	-3.75E-04	-7.40E-04	-2.78E-07	-8.38E-07	-4.85E-07	-2.27E-07	-2.06E-07	-9.38E-08	-1.85E-07	-9.27E-09	-2.24E-07	-4.94E-08	-3.08E-08	-4.88E-08	-8.61E-09	-1.22E-08	-3.83E-07
1285	475593.71, 3849055.61	7.70927	-9.75E-04	-4.56E-04	-9.00E-04	-3.38E-07	-1.02E-06	-5.90E-07	-2.76E-07	-2.50E-07	-1.14E-07	-2.25E-07	-1.13E-08	-2.72E-07	-6.01E-08	-3.75E-08	-5.94E-08	-1.05E-08	-1.49E-08	-4.66E-07
1286	475593.71, 3849080.61	9.77601	-1.24E-03	-5.78E-04	-1.14E-03	-4.28E-07	-1.29E-06	-7.48E-07	-3.50E-07	-3.17E-07	-1.45E-07	-2.86E-07	-1.43E-08	-3.45E-07	-7.62E-08	-4.75E-08	-7.53E-08	-1.33E-08	-1.88E-08	-5.91E-07
1287	475618.71, 3848905.61	3.928	-4.97E-04	-2.32E-04	-4.59E-04	-1.72E-07	-5.19E-07	-3.01E-07	-1.41E-07	-1.27E-07	-5.81E-08	-1.15E-07	-5.74E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.03E-08	-5.33E-09	-7.57E-09	-2.37E-07
1288	475618.71, 3848930.61	4.06345	-5.14E-04	-2.40E-04	-4.75E-04	-1.78E-07	-5.37E-07	-3.11E-07	-1.45E-07	-1.32E-07	-6.01E-08	-1.19E-07	-5.94E-09	-1.44E-07	-3.17E-08	-1.97E-08	-3.13E-08	-5.52E-09	-7.83E-09	-2.46E-07
1289	475618.71, 3848955.61	4.19754	-5.31E-04	-2.48E-04	-4.90E-04	-1.84E-07	-5.55E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.21E-08	-1.23E-07	-6.14E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.70E-09	-8.09E-09	-2.54E-07
1290	475618.71, 3848980.61	4.51583	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.97E-07	-3.46E-07	-1.62E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.60E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.71E-09	-2.73E-07
1291	475618.71, 3849005.61	5.00921	-6.34E-04	-2.96E-04	-5.85E-04	-2.19E-07	-6.62E-07	-3.83E-07	-1.79E-07	-1.62E-07	-7.41E-08	-1.46E-07	-7.33E-09	-1.77E-07	-3.90E-08	-2.43E-08	-3.86E-08	-6.80E-09	-9.66E-09	-3.03E-07
1292	475618.71, 3849030.61	5.88234	-7.44E-04	-3.48E-04	-6.87E-04	-2.58E-07	-7.78E-07	-4.50E-07	-2.10E-07	-1.91E-07	-8.71E-08	-1.72E-07	-8.60E-09	-2.08E-07	-4.59E-08	-2.86E-08	-4.53E-08	-7.99E-09	-1.13E-08	-3.55E-07
1293	475618.71, 3849055.61	7.05567	-8.93E-04	-4.17E-04	-8.24E-04	-3.09E-07	-9.33E-07	-5.40E-07	-2.52E-07	-2.29E-07	-1.04E-07	-2.06E-07	-1.03E-08	-2.49E-07	-5.50E-08	-3.43E-08	-5.44E-08	-9.58E-09	-1.36E-08	-4.26E-07
1294	475618.71, 3849080.61	8.90026	-1.13E-03	-5.26E-04	-1.04E-03	-3.90E-07	-1.18E-06	-6.81E-07	-3.18E-07	-2.89E-07	-1.32E-07	-2.60E-07	-1.30E-08	-3.14E-07	-6.94E-08	-4.32E-08	-6.86E-08	-1.21E-08	-1.72E-08	-5.38E-07
1295	475618.71, 3849105.61	12.10519	-1.53E-03	-7.16E-04	-1.41E-03	-5.30E-07	-1.60E-06	-9.27E-07	-4.33E-07	-3.93E-07	-1.79E-07	-3.54E-07	-1.77E-08	-4.28E-07	-9.44E-08	-5.88E-08	-9.33E-08	-1.64E-08	-2.33E-08	-7.32E-07
1296	475643.71, 3848905.61	3.90073	-4.93E-04	-2.31E-04	-4.56E-04	-1.71E-07	-5.16E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.77E-08	-1.14E-07	-5.70E-09	-1.38E-07	-3.04E-08	-1.89E-08	-3.01E-08	-5.30E-09	-7.52E-09	-2.36E-07
1297	475643.71, 3848930.61	4.07177	-5.15E-04	-2.41E-04	-4.76E-04	-1.78E-07	-5.38E-07	-3.12E-07	-1.46E-07	-1.32E-07	-6.03E-08	-1.19E-07	-5.95E-09	-1.44E-07	-3.17E-08	-1.98E-08	-3.14E-08	-5.53E-09	-7.85E-09	-2.46E-07
1298	475643.71, 3848955.61	4.12228	-5.22E-04	-2.44E-04	-4.81E-04	-1.81E-07	-5.45E-07	-3.16E-07	-1.47E-07	-1.34E-07	-6.10E-08	-1.20E-07	-6.03E-09	-1.46E-07	-3.21E-08	-2.00E-08	-3.18E-08	-5.60E-09	-7.95E-09	-2.49E-07
1299	475643.71, 3848980.61	4.41407	-5.58E-04	-2.61E-04	-5.15E-04	-1.93E-07	-5.84E-07	-3.38E-07	-1.58E-07	-1.43E-07	-6.53E-08	-1.29E-07	-6.46E-09	-1.56E-07	-3.44E-08	-2.14E-08	-3.40E-08	-6.00E-09	-8.51E-09	-2.67E-07
1300	475643.71, 3849005.61	4.97028	-6.29E-04	-2.94E-04	-5.80E-04	-2.18E-07	-6.57E-07	-3.80E-07	-1.78E-07	-1.61E-07	-7.36E-08	-1.45E-07	-7.27E-09	-1.76E-07	-3.87E-08	-2.41E-08	-3.83E-08	-6.75E-09	-9.58E-09	-3.00E-07
1301	475643.71, 3849030.61	5.84337	-7.39E-04	-3.46E-04	-6.82E-04	-2.56E-07	-7.73E-07	-4.47E-07	-2.09E-07	-1.90E-07	-8.65E-08	-1.71E-07	-8.55E-09	-2.06E-07	-4.55E-08	-2.84E-08	-4.50E-08	-7.94E-09	-1.13E-08	-3.53E-07
1302	475643.71, 3849055.61	6.85088	-8.67E-04	-4.05E-04	-8.00E-04	-3.00E-07	-9.06E-07	-5.24E-07	-2.45E-07	-2.22E-07	-1.01E-07	-2.00E-07	-1.00E-08	-2.42E-07	-5.34E-08	-3.33E-08	-5.28E-08	-9.30E-09	-1.32E-08	-4.14E-07
1303	475643.71, 3849080.61	8.43145	-1.07E-03	-4.99E-04	-9.85E-04	-3.69E-07	-1.11E-06	-6.45E-07	-3.02E-07	-2.73E-07	-1.25E-07	-2.46E-07	-1.23E-08	-2.98E-07	-6.57E-08	-4.10E-08	-6.50E-08	-1.15E-08	-1.63E-08	-5.10E-07
1304	475643.71, 3849105.61	11.37328	-1.44E-03	-6.73E-04	-1.33E-03	-4.98E-07	-1.50E-06	-8.71E-07	-4.07E-07	-3.69E-07	-1.68E-07	-3.32E-07	-1.66E-08	-4.02E-07	-8.87E-08	-5.53E-08	-8.76E-08	-1.54E-08	-2.19E-08	-6.87E-07
1305	475668.71, 3848905.61	3.77254	-4.77E-04	-2.23E-04	-4.41E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.52E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.12E-09	-7.27E-09	-2.28E-07
1306	475668.71, 3848930.61	3.98504	-5.04E-04	-2.36E-04	-4.65E-04	-1.75E-07	-5.27E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.90E-08	-1.16E-07	-5.83E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.41E-09	-7.68E-09	-2.41E-07
1307	475668.71, 3848955.61	4.24032	-5.36E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.17E-09	-2.56E-07
1308	475668.71, 3848980.61	4.5311	-5.73E-04	-2.68E-04	-5.29E-04	-1.98E-07	-5.99E-07	-3.47E-07	-1.62E-07	-1.47E-07	-6.71E-08	-1.32E-07	-6.63E-09	-1.60E-07	-3.53E-08	-2.20E-08	-3.49E-08	-6.15E-09	-8.74E-09	-2.74E-07
1309	475668.71, 3849005.61	5.01056	-6.34E-04	-2.96E-04	-5.85E-04	-2.19E-07	-6.63E-07	-3.84E-07	-1.79E-07	-1.63E-07	-7.42E-08	-1.46E-07	-7.33E-09	-1.77E-07	-3.91E-08	-2.43E-08	-3.86E-08	-6.81E-09	-9.66E-09	-3.03E-07
1310	475668.71, 3849030.61	5.75026	-7.27E-04	-3.40E-04	-6.72E-04	-2.52E-07	-7.60E-07	-4.40E-07	-2.06E-07	-1.87E-07	-8.51E-08	-1.68E-07	-8.41E-09	-2.03E-07	-4.48E-08	-2.79E-08	-4.43E-08	-7.81E-09	-1.11E-08	-3.48E-07
1311	475668.71, 3849055.61	6.77991	-8.58E-04	-4.01E-04	-7.92E-04	-2.97E-07	-8.97E-07	-5.19E-07	-2.43E-07	-2.20E-07	-1.00E-07	-1.98E-07	-9.92E-09	-2.40E-07	-5.28E-08	-3.29E-08	-5.22E-08	-9.21E-09	-1.31E-08	-4.10E-07
1312	475668.71, 3849080.61	8.30129	-1.05E-03	-4.91E-04	-9.69E-04	-3.64E-07	-1.10E-06	-6.35E-07	-2.97E-07	-2.69E-07	-1.23E-07	-2.43E-07	-1.21E-08	-2.93E-07	-6.47E-08	-4.03E-08	-6.40E-08	-1.13E-08	-1.60E-08	-5.02E-07
1313	475668.71, 3849105.61	10.92223	-1.38E-03	-6.46E-04	-1.28E-03	-4.78E-07	-1.44E-06	-8.36E-07	-3.91E-07	-3.54E-07	-1.62E-07	-3.19E-07	-1.60E-08	-3.86E-07	-8.51E-08	-5.31E-08	-8.42E-08	-1.48E-08	-2.11E-08	-6.60E-07
1314	475693.71, 3848905.61	3.72685	-4.71E-04	-2.20E-04	-4.35E-04	-1.63E-07	-4.93E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.52E-08	-1.09E-07	-5.45E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.87E-08	-5.06E-09	-7.18E-09	-2.25E-07
1315	475693.71, 3848930.61	3.97497	-5.03E-04	-2.35E-04	-4.64E-04	-1.74E-07	-5.26E-07	-3.04E-07	-1.42E-07	-1.29E-07	-5.88E-08	-1.16E-07	-5.81E-09	-1.40E-07	-3.10E-08	-1.93E-08	-3.06E-08	-5.40E-09	-7.66E-09	-2.40E-07
1316	475693.71, 3848955.61	4.25788	-5.39E-04	-2.52E-04	-4.97E-04	-1.86E-07	-5.63E-07	-3.26E-07	-1.52E-07	-1.38E-07	-6.30E-08	-1.24E-07	-6.23E-09	-1.50E-07	-3.32E-08	-2.07E-08	-3.28E-08	-5.78E-09	-8.21E-09	-2.57E-07
1317	475693.71, 3848980.61	4.58605	-5.80E-04	-2.71E-04	-5.36E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.79E-08	-1.34E-07	-6.71E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.23E-09	-8.84E-09	-2.77E-07
1318	475693.71, 3849005.61	5.01526	-6.34E-04	-2.97E-04	-5.86E-04	-2.20E-07	-6.63E-07	-3.84E-07	-1.79E-07	-1.63E-07	-7.42E-08	-1.47E-07	-7.33E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.86E-08	-6.81E-09	-9.67E-09	-3.03E-07
1319	475693.71, 3849030.61	5.55591	-7.03E-04	-3.29E-04	-6.49E-04	-2.43E-07	-7.35E-07	-4.25E-07	-1.99E-07	-1.80E-07	-8.22E-08	-1.62E-07	-8.13E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.55E-09	-1.07E-08	-3.36E-07
1320	475693.71, 3849055.61	6.49574	-8.22E-04	-3.84E-04	-7.59E-04	-2.84E-07	-8.59E-07	-4.97E-07	-2.32E-07	-2.11E-07	-9.61E-08	-1.90E-07	-9.50E-09	-2.29E-07	-5.06E-08	-3.16E-08	-5.01E-08	-8.82E-09	-1.25E-08	-3.93E-07
1321	475693.71, 3849080.61	7.8786	-9.97E-04	-4.66E-04	-9.20E-04	-3.45E-07	-1.04E-06	-6.03E-07	-2.82E-07	-2.56E-07	-1.17E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.14E-08	-3.83E-08	-6.07E-08	-1.07E-08	-1.52E-08	-4.76E-07
1322	475693.71, 3849105.61	10.29177	-1.30E-03	-6.09E-04	-1.20E-03	-4.51E-07	-1.36E-06	-7.88E-07	-3.68E-07	-3.34E-07	-1.52E-07	-3.01E-07	-1.51E-08	-3.64E-07	-8.02E-08	-5.00E-08	-7.93E-08	-1.40E-08	-1.98E-08	-6.22E-07
1323	475693.71, 3849130.61	14.34373	-1.81E-03	-8.48E-04	-1.68E-03	-6.28E-07	-1.90E-06	-1.10E-06	-5.13E-07	-4.65E-07	-2.12E-07	-4.19E-07	-2.10E-08	-5.07E-07	-1.12E-07	-6.97E-08	-1.11E-07	-1.95E-08	-2.77E-08	-8.67E-07
1324	475718.71, 3848930.61	3.89864	-4.93E-04	-2.31E-04	-4.55E-04	-1.71E-07	-5.16E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.77E-08	-1.14E-07	-5.70E-09	-1.38E-07	-3.04E-08	-1.89E-08	-3.00E-08	-5.30E-09	-7.52E-09	-2.36E-07
1325	475718.71, 3848955.61	4.22113	-5.34E-04	-2.50E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.23E-07	-6.17E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.73E-09	-8.14E-09	-2.55E-07
1326	475718.71, 3848980.61	4.57664	-5.79E-04	-2.71E-04	-5.34E-04	-2.00E-07	-6.05E-07	-3.50E-07	-1.64E-07	-1.48E-07	-6.77E-08	-1.34E-07	-6.69E-09	-1.62E-07	-3.57E-08	-2.22E-08	-3.53E-08	-6.22E-09	-8.82E-09	-2.77E-07
1327	475718.71, 3849005.61	5.02228	-6.35E-04	-2.97E-04	-5.87E-04	-2.20E-07	-6.64E-07	-3.84E-07	-1.80E-07	-1.63E-07	-7.43E-08	-1.47E-07	-7.34E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.87E-08	-6.82E-09	-9.68E-09	-3.04E-07
1328	475718.71, 3849030.61	5.5002	-6.96E-04	-3.25E-04	-6.42E-04	-2.41E-07	-7.27E-07	-4.21E-07	-1.97E-07	-1.78E-07	-8.14E-08	-1.61E-07	-8.04E-09	-1.94E-07	-4.29E-08	-2.67E-08	-4.24E-08	-7.47E-09	-1.06E-08	-3.32E-07
1329	475718.71, 3849055.61	6.17995	-7.82E-04	-3.65E-04	-7.22E-04	-2.71E-07	-8.17E-07	-4.73E-07	-2.21E-07	-2.00E-07	-9.15E-08	-1.81E-07	-9.04E-09	-2.18E-07	-4.82E-08	-3.00E-08	-4.76E-08	-8.39E-09	-1.19E-08	-3.73E-07
1330	475718.71, 3849080.61	7.49806	-9.49E-04	-4.43E-04	-8.76E-04	-3.28E-07	-9.91E-07	-5.74E-07	-2.68E-07	-2.43E-07	-1.11E-07	-2.19E-07	-1.10E-08	-2.65E-07	-5.84E-08	-3.64E-08	-5.78E-08	-1.02E-08	-1.45E-08	-4.53E-07
1331	475718.71, 3849105.61	9.75807	-1.23E-03	-5.77E-04	-1.14E-03	-4.27E-07	-1.29E-06	-7.47E-07	-3.49E-07	-3.16E-07	-1.44E-07	-2.85E-07	-1.43E-08	-3.45E-07	-7.61E-08	-4.74E-08	-7.52E-08	-1.33E-08	-1.88E-08	-5.90E-07
1332	475718.71, 3849130.61	13.44893	-1.70E-03	-7.95E-04	-1.57E-03	-5.89E-07	-1.78E-06	-1.03E-06	-4.81E-07	-4.36E-07	-1.99E-07	-3.93E-07	-1.97E-08	-4.75E-07	-1.05E-07	-6.53E-08	-1.04E-07	-1.83E-08	-2.59E-08	-8.13E-07
1333	475743.71, 3848930.61	3.72838	-4.72E-04	-2.20E-04	-4.35E-04	-1.63E-07	-4.93E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.52E-08	-1.09E-07	-5.45E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.87E-08	-5.06E-09	-7.19E-09	-2.25E-07
1334	475743.71, 3848955.61	4.03212	-5.10E-04	-2.38E-04	-4.71E-04	-1.77E-07	-5.33E-07	-3.09E-07	-1.44E-07	-1.31E-07	-5.97E-08	-1.18E-07	-5.90E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.11E-08	-5.48E-09	-7.77E-09	-2.44E-07
1335	475743.71, 3848980.61	4.40205	-5.57E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.58E-07	-1.43E-07	-6.51E-08	-1.29E-07	-6.44E-09	-1.56E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.98E-09	-8.49E-09	-2.66E-07
1336	475743.71, 3849005.61	4.88188	-6.18E-04	-2.89E-04	-5.70E-04	-2.14E-07	-6.46E-07	-3.74E-07	-1.75E-07	-1.58E-07	-7.23E-08	-1.43E-07	-7.14E-09	-1.72E-07	-3.81E-08	-2.37E-08	-3.76E-08	-6.63E-09	-9.41E-09	-2.95E-07
1337	475743.71, 3849030.61	5.51239	-6.97E-04	-3.26E-04	-6.44E-04	-2.41E-07	-7.29E-07	-4.22E-07	-1.97E-07	-1.79E-07	-8.16E-08	-1.61E-07	-8.06E-09	-1.95E-07	-4.30E-08	-2.68E-08	-4.25E-08	-7.49E-09	-1.06E-08	-3.33E-07
1338	475743.71, 3849055.61	6.13197	-7.76E-04	-3.63E-04	-7.16E-04	-2.69E-07	-8.11E-07	-4.69E-07	-2.19E-07	-1.99E-07	-9.08E-08	-1.79E-07	-8.97E-09	-2.17E-07	-4.78E-08	-2.98E-08	-4.73E-08	-8.33E-09	-1.18E-08	-3.71E-07
1339	475743.71, 3849080.61	7.2476	-9.17E-04	-4.29E-04	-8.46E-04	-3.17E-07	-9.58E-07	-5.55E-07	-2.59E-07	-2.35E-07	-1.07E-07	-2.12E-07	-1.06E-08	-2.56E-07	-5.65E-08	-3.52E-08	-5.59E-08	-9.84E-09	-1.40E-08	-4.38E-07

1340	475743.71, 3849105.61	9.28215	-1.17E-03	-5.49E-04	-1.08E-03	-4.07E-07	-1.23E-06	-7.11E-07	-3.32E-07	-3.01E-07	-1.37E-07	-2.71E-07	-1.36E-08	-3.28E-07	-7.24E-08	-4.51E-08	-7.15E-08	-1.26E-08	-1.79E-08	-5.61E-07
1341	475743.71, 3849130.61	12.67732	-1.60E-03	-7.50E-04	-1.48E-03	-5.55E-07	-1.68E-06	-9.70E-07	-4.54E-07	-4.11E-07	-1.88E-07	-3.71E-07	-1.85E-08	-4.48E-07	-9.88E-08	-6.16E-08	-9.77E-08	-1.72E-08	-2.44E-08	-7.66E-07
1342	475768.71, 3848930.61	3.61075	-4.57E-04	-2.14E-04	-4.22E-04	-1.58E-07	-4.77E-07	-2.76E-07	-1.29E-07	-1.17E-07	-5.34E-08	-1.06E-07	-5.28E-09	-1.28E-07	-2.81E-08	-1.75E-08	-2.78E-08	-4.90E-09	-6.96E-09	-2.18E-07
1343	475768.71, 3848955.61	3.86668	-4.89E-04	-2.29E-04	-4.52E-04	-1.69E-07	-5.11E-07	-2.96E-07	-1.38E-07	-1.25E-07	-5.72E-08	-1.13E-07	-5.65E-09	-1.37E-07	-3.01E-08	-1.88E-08	-2.98E-08	-5.25E-09	-7.45E-09	-2.34E-07
1344	475768.71, 3848980.61	4.20752	-5.32E-04	-2.49E-04	-4.91E-04	-1.84E-07	-5.56E-07	-3.22E-07	-1.51E-07	-1.36E-07	-6.23E-08	-1.23E-07	-6.15E-09	-1.49E-07	-3.28E-08	-2.04E-08	-3.24E-08	-5.71E-09	-8.11E-09	-2.54E-07
1345	475768.71, 3849005.61	4.65661	-5.89E-04	-2.75E-04	-5.44E-04	-2.04E-07	-6.16E-07	-3.56E-07	-1.67E-07	-1.51E-07	-6.89E-08	-1.36E-07	-6.81E-09	-1.64E-07	-3.63E-08	-2.26E-08	-3.59E-08	-6.32E-09	-8.98E-09	-2.81E-07
1346	475768.71, 3849030.61	5.27775	-6.68E-04	-3.12E-04	-6.16E-04	-2.31E-07	-6.98E-07	-4.04E-07	-1.89E-07	-1.71E-07	-7.81E-08	-1.54E-07	-7.72E-09	-1.86E-07	-4.11E-08	-2.56E-08	-4.07E-08	-7.17E-09	-1.02E-08	-3.19E-07
1347	475768.71, 3849055.61	6.03696	-7.64E-04	-3.57E-04	-7.05E-04	-2.64E-07	-7.98E-07	-4.62E-07	-2.16E-07	-1.96E-07	-8.93E-08	-1.76E-07	-8.83E-09	-2.13E-07	-4.71E-08	-2.93E-08	-4.65E-08	-8.20E-09	-1.16E-08	-3.65E-07
1348	475768.71, 3849080.61	6.87551	-8.70E-04	-4.07E-04	-8.03E-04	-3.01E-07	-9.09E-07	-5.26E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.43E-07	-5.36E-08	-3.34E-08	-5.30E-08	-9.34E-09	-1.33E-08	-4.16E-07
1349	475768.71, 3849105.61	8.52479	-1.08E-03	-5.04E-04	-9.96E-04	-3.73E-07	-1.13E-06	-6.53E-07	-3.05E-07	-2.76E-07	-1.26E-07	-2.49E-07	-1.25E-08	-3.01E-07	-6.65E-08	-4.14E-08	-6.57E-08	-1.16E-08	-1.64E-08	-5.15E-07
1350	475768.71, 3849130.61	11.98085	-1.52E-03	-7.08E-04	-1.40E-03	-5.25E-07	-1.58E-06	-9.17E-07	-4.29E-07	-3.89E-07	-1.77E-07	-3.50E-07	-1.75E-08	-4.23E-07	-9.34E-08	-5.82E-08	-9.23E-08	-1.63E-08	-2.31E-08	-7.24E-07
1351	475793.71, 3848930.61	3.55555	-4.50E-04	-2.10E-04	-4.15E-04	-1.56E-07	-4.70E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.26E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.85E-09	-2.15E-07
1352	475793.71, 3848955.61	3.78051	-4.78E-04	-2.24E-04	-4.41E-04	-1.66E-07	-5.00E-07	-2.89E-07	-1.35E-07	-1.23E-07	-5.60E-08	-1.10E-07	-5.53E-09	-1.34E-07	-2.95E-08	-1.84E-08	-2.91E-08	-5.13E-09	-7.29E-09	-2.28E-07
1353	475793.71, 3848980.61	4.06127	-5.14E-04	-2.40E-04	-4.74E-04	-1.78E-07	-5.37E-07	-3.11E-07	-1.45E-07	-1.32E-07	-6.01E-08	-1.19E-07	-5.94E-09	-1.43E-07	-3.17E-08	-1.97E-08	-3.13E-08	-5.52E-09	-7.83E-09	-2.45E-07
1354	475793.71, 3849005.61	4.44961	-5.63E-04	-2.63E-04	-5.20E-04	-1.95E-07	-5.88E-07	-3.41E-07	-1.59E-07	-1.44E-07	-6.59E-08	-1.30E-07	-6.51E-09	-1.57E-07	-3.47E-08	-2.16E-08	-3.43E-08	-6.04E-09	-8.58E-09	-2.69E-07
1355	475793.71, 3849030.61	4.97451	-6.29E-04	-2.94E-04	-5.81E-04	-2.18E-07	-6.58E-07	-3.81E-07	-1.78E-07	-1.61E-07	-7.36E-08	-1.45E-07	-7.27E-09	-1.76E-07	-3.88E-08	-2.42E-08	-3.83E-08	-6.76E-09	-9.59E-09	-3.01E-07
1356	475793.71, 3849055.61	5.80173	-7.34E-04	-3.43E-04	-6.78E-04	-2.54E-07	-7.67E-07	-4.44E-07	-2.08E-07	-1.88E-07	-8.59E-08	-1.70E-07	-8.48E-09	-2.05E-07	-4.52E-08	-2.82E-08	-4.47E-08	-7.88E-09	-1.12E-08	-3.51E-07
1357	475793.71, 3849080.61	6.969	-8.82E-04	-4.12E-04	-8.14E-04	-3.05E-07	-9.22E-07	-5.33E-07	-2.49E-07	-2.26E-07	-1.03E-07	-2.04E-07	-1.02E-08	-2.46E-07	-5.43E-08	-3.39E-08	-5.37E-08	-9.47E-09	-1.34E-08	-4.21E-07
1358	475793.71, 3849105.61	8.28482	-1.05E-03	-4.90E-04	-9.68E-04	-3.63E-07	-1.10E-06	-6.34E-07	-2.96E-07	-2.69E-07	-1.23E-07	-2.42E-07	-1.21E-08	-2.93E-07	-6.46E-08	-4.02E-08	-6.38E-08	-1.13E-08	-1.60E-08	-5.01E-07
1359	475793.71, 3849130.61	11.15227	-1.41E-03	-6.59E-04	-1.30E-03	-4.88E-07	-1.47E-06	-8.54E-07	-3.99E-07	-3.62E-07	-1.65E-07	-3.26E-07	-1.63E-08	-3.94E-07	-8.69E-08	-5.42E-08	-8.59E-08	-1.51E-08	-2.15E-08	-6.74E-07
1360	475818.71, 3848930.61	3.51529	-4.45E-04	-2.08E-04	-4.11E-04	-1.54E-07	-4.65E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.20E-08	-1.03E-07	-5.14E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.77E-09	-6.78E-09	-2.12E-07
1361	475818.71, 3848955.61	3.73084	-4.72E-04	-2.21E-04	-4.36E-04	-1.63E-07	-4.93E-07	-2.86E-07	-1.33E-07	-1.21E-07	-5.52E-08	-1.09E-07	-5.46E-09	-1.32E-07	-2.91E-08	-1.81E-08	-2.88E-08	-5.07E-09	-7.19E-09	-2.25E-07
1362	475818.71, 3848980.61	3.98516	-5.04E-04	-2.36E-04	-4.65E-04	-1.75E-07	-5.27E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.90E-08	-1.16E-07	-5.83E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.41E-09	-7.68E-09	-2.41E-07
1363	475818.71, 3849005.61	4.32579	-5.47E-04	-2.56E-04	-5.05E-04	-1.89E-07	-5.72E-07	-3.31E-07	-1.55E-07	-1.40E-07	-6.40E-08	-1.26E-07	-6.33E-09	-1.53E-07	-3.37E-08	-2.10E-08	-3.33E-08	-5.88E-09	-8.34E-09	-2.61E-07
1364	475818.71, 3849030.61	4.79226	-6.06E-04	-2.83E-04	-5.60E-04	-2.10E-07	-6.34E-07	-3.67E-07	-1.71E-07	-1.55E-07	-7.09E-08	-1.40E-07	-7.01E-09	-1.69E-07	-3.74E-08	-2.33E-08	-3.69E-08	-6.51E-09	-9.24E-09	-2.90E-07
1365	475818.71, 3849055.61	5.4696	-6.92E-04	-3.23E-04	-6.39E-04	-2.40E-07	-7.23E-07	-4.19E-07	-1.96E-07	-1.77E-07	-8.09E-08	-1.60E-07	-8.00E-09	-1.93E-07	-4.26E-08	-2.66E-08	-4.22E-08	-7.43E-09	-1.05E-08	-3.31E-07
1366	475818.71, 3849080.61	6.52415	-8.25E-04	-3.86E-04	-7.62E-04	-2.86E-07	-8.63E-07	-4.99E-07	-2.33E-07	-2.12E-07	-9.66E-08	-1.91E-07	-9.54E-09	-2.30E-07	-5.09E-08	-3.17E-08	-5.03E-08	-8.86E-09	-1.26E-08	-3.94E-07
1367	475818.71, 3849105.61	8.18396	-1.04E-03	-4.84E-04	-9.56E-04	-3.58E-07	-1.08E-06	-6.26E-07	-2.93E-07	-2.65E-07	-1.21E-07	-2.39E-07	-1.20E-08	-2.89E-07	-6.38E-08	-3.98E-08	-6.31E-08	-1.11E-08	-1.58E-08	-4.95E-07
1368	475818.71, 3849130.61	10.80407	-1.37E-03	-6.39E-04	-1.26E-03	-4.73E-07	-1.43E-06	-8.27E-07	-3.87E-07	-3.50E-07	-1.60E-07	-3.16E-07	-1.58E-08	-3.82E-07	-8.42E-08	-5.25E-08	-8.33E-08	-1.47E-08	-2.08E-08	-6.53E-07
1369	475843.71, 3848955.61	3.69861	-4.68E-04	-2.19E-04	-4.32E-04	-1.62E-07	-4.89E-07	-2.83E-07	-1.32E-07	-1.20E-07	-5.47E-08	-1.08E-07	-5.41E-09	-1.31E-07	-2.88E-08	-1.80E-08	-2.85E-08	-5.02E-09	-7.13E-09	-2.24E-07
1370	475843.71, 3848980.61	3.95387	-5.00E-04	-2.34E-04	-4.62E-04	-1.73E-07	-5.23E-07	-3.03E-07	-1.41E-07	-1.28E-07	-5.85E-08	-1.16E-07	-5.78E-09	-1.40E-07	-3.08E-08	-1.92E-08	-3.05E-08	-5.37E-09	-7.62E-09	-2.39E-07
1371	475843.71, 3849005.61	4.24083	-5.37E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.18E-09	-2.56E-07
1372	475843.71, 3849030.61	4.67987	-5.92E-04	-2.77E-04	-5.47E-04	-2.05E-07	-6.19E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.93E-08	-1.37E-07	-6.84E-09	-1.65E-07	-3.65E-08	-2.27E-08	-3.61E-08	-6.36E-09	-9.02E-09	-2.83E-07
1373	475843.71, 3849055.61	5.27445	-6.67E-04	-3.12E-04	-6.16E-04	-2.31E-07	-6.97E-07	-4.04E-07	-1.89E-07	-1.71E-07	-7.81E-08	-1.54E-07	-7.71E-09	-1.86E-07	-4.11E-08	-2.56E-08	-4.06E-08	-7.16E-09	-1.02E-08	-3.19E-07
1374	475843.71, 3849080.61	6.15222	-7.78E-04	-3.64E-04	-7.18E-04	-2.69E-07	-8.14E-07	-4.71E-07	-2.20E-07	-2.00E-07	-9.11E-08	-1.80E-07	-9.00E-09	-2.17E-07	-4.80E-08	-2.99E-08	-4.74E-08	-8.36E-09	-1.19E-08	-3.72E-07
1375	475843.71, 3849105.61	7.76298	-9.82E-04	-4.59E-04	-9.07E-04	-3.40E-07	-1.03E-06	-5.94E-07	-2.78E-07	-2.52E-07	-1.15E-07	-2.27E-07	-1.14E-08	-2.74E-07	-6.05E-08	-3.77E-08	-5.98E-08	-1.05E-08	-1.50E-08	-4.69E-07
1376	475843.71, 3849130.61	10.33033	-1.31E-03	-6.11E-04	-1.21E-03	-4.52E-07	-1.37E-06	-7.91E-07	-3.70E-07	-3.35E-07	-1.53E-07	-3.02E-07	-1.51E-08	-3.65E-07	-8.05E-08	-5.02E-08	-7.96E-08	-1.40E-08	-1.99E-08	-6.24E-07
1377	475868.71, 3848955.61	3.63912	-4.60E-04	-2.15E-04	-4.25E-04	-1.59E-07	-4.81E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.39E-08	-1.06E-07	-5.32E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.80E-08	-4.94E-09	-7.02E-09	-2.20E-07
1378	475868.71, 3848980.61	3.91173	-4.95E-04	-2.31E-04	-4.57E-04	-1.71E-07	-5.17E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.79E-08	-1.14E-07	-5.72E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.01E-08	-5.31E-09	-7.54E-09	-2.36E-07
1379	475868.71, 3849005.61	4.23906	-5.36E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.61E-07	-3.24E-07	-1.52E-07	-1.37E-07	-6.27E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.30E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.17E-09	-2.56E-07
1380	475868.71, 3849030.61	4.63037	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.12E-07	-3.54E-07	-1.66E-07	-1.50E-07	-6.85E-08	-1.35E-07	-6.77E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.29E-09	-8.93E-09	-2.80E-07
1381	475868.71, 3849055.61	5.14255	-6.51E-04	-3.04E-04	-6.01E-04	-2.25E-07	-6.80E-07	-3.94E-07	-1.84E-07	-1.67E-07	-7.61E-08	-1.50E-07	-7.52E-09	-1.82E-07	-4.01E-08	-2.50E-08	-3.96E-08	-6.98E-09	-9.91E-09	-3.11E-07
1382	475868.71, 3849080.61	5.92081	-7.49E-04	-3.50E-04	-6.91E-04	-2.59E-07	-7.83E-07	-4.53E-07	-2.12E-07	-1.92E-07	-8.76E-08	-1.73E-07	-8.66E-09	-2.09E-07	-4.62E-08	-2.88E-08	-4.56E-08	-8.04E-09	-1.14E-08	-3.58E-07
1383	475868.71, 3849105.61	7.15241	-9.05E-04	-4.23E-04	-8.35E-04	-3.13E-07	-9.46E-07	-5.48E-07	-2.56E-07	-2.32E-07	-1.06E-07	-2.09E-07	-1.05E-08	-2.53E-07	-5.58E-08	-3.47E-08	-5.51E-08	-9.71E-09	-1.38E-08	-4.32E-07
1384	475868.71, 3849130.61	9.48302	-1.20E-03	-5.61E-04	-1.11E-03	-4.15E-07	-1.25E-06	-7.26E-07	-3.39E-07	-3.08E-07	-1.40E-07	-2.77E-07	-1.39E-08	-3.35E-07	-7.39E-08	-4.61E-08	-7.31E-08	-1.29E-08	-1.83E-08	-5.73E-07
1385	475893.71, 3848955.61	3.57189	-4.52E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.29E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.74E-08	-2.75E-08	-4.85E-09	-6.89E-09	-2.16E-07
1386	475893.71, 3848980.61	3.83933	-4.86E-04	-2.27E-04	-4.48E-04	-1.68E-07	-5.08E-07	-2.94E-07	-1.37E-07	-1.25E-07	-5.68E-08	-1.12E-07	-5.61E-09	-1.36E-07	-2.99E-08	-1.87E-08	-2.96E-08	-5.21E-09	-7.40E-09	-2.32E-07
1387	475893.71, 3849005.61	4.17865	-5.29E-04	-2.47E-04	-4.88E-04	-1.83E-07	-5.53E-07	-3.20E-07	-1.50E-07	-1.36E-07	-6.18E-08	-1.22E-07	-6.11E-09	-1.48E-07	-3.26E-08	-2.03E-08	-3.22E-08	-5.68E-09	-8.06E-09	-2.53E-07
1388	475893.71, 3849030.61	4.5759	-5.79E-04	-2.71E-04	-5.34E-04	-2.00E-07	-6.05E-07	-3.50E-07	-1.64E-07	-1.48E-07	-6.77E-08	-1.34E-07	-6.69E-09	-1.62E-07	-3.57E-08	-2.22E-08	-3.53E-08	-6.21E-09	-8.82E-09	-2.77E-07
1389	475893.71, 3849055.61	5.13932	-6.50E-04	-3.04E-04	-6.00E-04	-2.25E-07	-6.80E-07	-3.93E-07	-1.84E-07	-1.67E-07	-7.61E-08	-1.50E-07	-7.52E-09	-1.82E-07	-4.01E-08	-2.50E-08	-3.96E-08	-6.98E-09	-9.91E-09	-3.11E-07
1390	475893.71, 3849080.61	5.83344	-7.38E-04	-3.45E-04	-6.81E-04	-2.55E-07	-7.71E-07	-4.47E-07	-2.09E-07	-1.89E-07	-8.63E-08	-1.70E-07	-8.53E-09	-2.06E-07	-4.55E-08	-2.83E-08	-4.50E-08	-7.92E-09	-1.12E-08	-3.53E-07
1391	475893.71, 3849105.61	6.8736	-8.70E-04	-4.06E-04	-8.03E-04	-3.01E-07	-9.09E-07	-5.26E-07	-2.46E-07	-2.23E-07	-1.02E-07	-2.01E-07	-1.01E-08	-2.43E-07	-5.36E-08	-3.34E-08	-5.30E-08	-9.34E-09	-1.33E-08	-4.15E-07
1392	475893.71, 3849130.61	8.7145	-1.10E-03	-5.15E-04	-1.02E-03	-3.82E-07	-1.15E-06	-6.67E-07	-3.12E-07	-2.83E-07	-1.29E-07	-2.55E-07	-1.27E-08	-3.08E-07	-6.79E-08	-4.23E-08	-6.72E-08	-1.18E-08	-1.68E-08	-5.27E-07
1393	475893.71, 3849155.61	12.74586	-1.61E-03	-7.54E-04	-1.49E-03	-5.58E-07	-1.69E-06	-9.76E-07	-4.56E-07	-4.13E-07	-1.89E-07	-3.73E-07	-1.86E-08	-4.50E-07	-9.94E-08	-6.19E-08	-9.82E-08	-1.73E-08	-2.46E-08	-7.70E-07
1394	475918.71, 3848955.61	3.50871	-4.44E-04	-2.07E-04	-4.10E-04	-1.54E-07	-4.64E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.19E-08	-1.03E-07	-5.13E-09	-1.24E-07	-2.74E-08	-1.70E-08	-2.70E-08	-4.77E-09	-6.76E-09	-2.12E-07
1395	475918.71, 3848980.61	3.77027	-4.77E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.12E-09	-7.27E-09	-2.28E-07
1396	475918.71, 3849005.61	4.09699	-5.18E-04	-2.42E-04	-4.78E-04	-1.79E-07	-5.42E-07	-3.14E-07	-1.47E-07	-1.33E-07	-6.06E-08	-1.20E-07	-5.99E-09	-1.45E-07	-3.19E-08	-1.99E-08	-3.16E-08	-5.56E-09	-7.90E-09	-2.48E-07
1397	475918.71, 3849030.61	4.51901	-5.72E-04	-2.67E-04	-5.28E-04	-1.98E-07	-5.98E-07	-3.46E-07	-1.62E-07	-1.47E-07	-6.69E-08	-1.32E-07	-6.61E-09	-1.60E-07	-3.52E-08	-2.20E-08	-3.48E-08	-6.14E-09	-8.71E-09	-2.73E-07
1398	475918.71, 3849055.61	5.04018	-6.38E-04	-2.98E-04	-5.89E-04	-2.21E-07	-6.66E-07	-3.86E-07	-1.80E-07	-1.63E-07	-7.46E-08	-1.47E-07	-7.37E-09	-1.78E-07	-3.93E-08	-2.45E-08	-3.88E-08	-6.85E-09	-9.72E-09	-3.05E-07
1399	475918.71, 3849080.61	5.76202	-7.29E-04	-3.41E-04	-6.73E-04	-2.52E-07	-7.62E-07	-4.41E-07	-2.06E-07	-1.87E-07	-8.53E-08	-1.68E-07	-8.43E-09	-2.04E-07	-4.49E-08	-2.80E-08	-4.44E-08	-7.83E-09	-1.11E-08	-3.48E-07
1400	475918.71, 3849105.61	6.75903	-8.55E-04	-4.00E-04	-7.89E-04	-2.96E-07	-8.94E-07	-5.17E-07	-2.42E-07	-2.19E-07	-1.00E-07	-1.98E-07	-9.88E-09	-2.39E-07	-5.27E-08	-3.28E-08	-5.21E-08	-9.18E-09	-1.30E-08	-4.08E-07
1401	475918.71, 3849130.61	8.31993	-1.05E-03	-4.92E-04	-9.72E-04	-3.64E-07	-1.10E-06	-6.37E-07	-2.98E-07	-2.70E-07	-1.23E-07	-2.43E-07	-1.22E-08	-2.94E-07	-6.49E-08	-4.04E-08	-6.41E-08	-1.13E-08	-1.60E-08	-5.03E-07
1402	475918.71, 3849155.61	11.48212	-1.45E-03	-6.79E-04	-1.34E-03	-5.03E-07	-1.52E-06	-8.79E-07	-4.11E-07	-3.72E-07	-1.70E-07	-3.36E-07	-1.68E-08	-4.06E-07	-8.95E-08	-5.58E-08	-8.85E-08	-1.56E-08	-2.21E-08	-6.94E-07
1403	475943.71, 3848955.61	3.44801	-4.36E-04	-2.04E-04	-4.03E-04	-1.51E-07	-4.56E-07	-2.64E-07	-1.23E-07	-1.12E-07	-5.10E-08	-1.01E-07	-5.04E-09	-1.22E-07	-2.69E-08	-1.68E-08	-2.66E-08	-4.68E-09	-6.65E-09	-2.08E-07

1404	475943.71, 3848980.61	3.71165	-4.70E-04	-2.19E-04	-4.33E-04	-1.63E-07	-4.91E-07	-2.84E-07	-1.33E-07	-1.20E-07	-5.49E-08	-1.08E-07	-5.43E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.86E-08	-5.04E-09	-7.16E-09	-2.24E-07
1405	475943.71, 3849005.61	4.03857	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.45E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.91E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.49E-09	-7.79E-09	-2.44E-07
1406	475943.71, 3849030.61	4.45861	-5.64E-04	-2.64E-04	-5.21E-04	-1.95E-07	-5.90E-07	-3.41E-07	-1.60E-07	-1.45E-07	-6.60E-08	-1.30E-07	-6.52E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.06E-09	-8.60E-09	-2.69E-07
1407	475943.71, 3849055.61	4.94249	-6.25E-04	-2.92E-04	-5.77E-04	-2.16E-07	-6.54E-07	-3.78E-07	-1.77E-07	-1.60E-07	-7.31E-08	-1.44E-07	-7.23E-09	-1.75E-07	-3.85E-08	-2.40E-08	-3.81E-08	-6.71E-09	-9.53E-09	-2.99E-07
1408	475943.71, 3849080.61	5.60185	-7.09E-04	-3.31E-04	-6.54E-04	-2.45E-07	-7.41E-07	-4.29E-07	-2.00E-07	-1.82E-07	-8.29E-08	-1.64E-07	-8.19E-09	-1.98E-07	-4.37E-08	-2.72E-08	-4.32E-08	-7.61E-09	-1.08E-08	-3.39E-07
1409	475943.71, 3849105.61	6.54629	-8.28E-04	-3.87E-04	-7.64E-04	-2.87E-07	-8.66E-07	-5.01E-07	-2.34E-07	-2.12E-07	-9.69E-08	-1.91E-07	-9.57E-09	-2.31E-07	-5.10E-08	-3.18E-08	-5.04E-08	-8.89E-09	-1.26E-08	-3.96E-07
1410	475943.71, 3849130.61	8.01409	-1.01E-03	-4.74E-04	-9.36E-04	-3.51E-07	-1.06E-06	-6.13E-07	-2.87E-07	-2.60E-07	-1.19E-07	-2.34E-07	-1.17E-08	-2.83E-07	-6.25E-08	-3.89E-08	-6.18E-08	-1.09E-08	-1.55E-08	-4.84E-07
1411	475943.71, 3849155.61	10.65797	-1.35E-03	-6.30E-04	-1.24E-03	-4.67E-07	-1.41E-06	-8.16E-07	-3.81E-07	-3.46E-07	-1.58E-07	-3.12E-07	-1.56E-08	-3.76E-07	-8.31E-08	-5.18E-08	-8.21E-08	-1.45E-08	-2.05E-08	-6.44E-07
1412	475968.71, 3848955.61	3.38068	-4.28E-04	-2.00E-04	-3.95E-04	-1.48E-07	-4.47E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.00E-08	-9.88E-08	-4.94E-09	-1.19E-07	-2.64E-08	-1.64E-08	-2.61E-08	-4.59E-09	-6.52E-09	-2.04E-07
1413	475968.71, 3848980.61	3.64244	-4.61E-04	-2.15E-04	-4.25E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.39E-08	-1.06E-07	-5.33E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.02E-09	-2.20E-07
1414	475968.71, 3849005.61	3.96785	-5.02E-04	-2.35E-04	-4.63E-04	-1.74E-07	-5.25E-07	-3.04E-07	-1.42E-07	-1.29E-07	-5.87E-08	-1.16E-07	-5.80E-09	-1.40E-07	-3.09E-08	-1.93E-08	-3.06E-08	-5.39E-09	-7.65E-09	-2.40E-07
1415	475968.71, 3849030.61	4.36782	-5.53E-04	-2.58E-04	-5.10E-04	-1.91E-07	-5.78E-07	-3.34E-07	-1.56E-07	-1.42E-07	-6.46E-08	-1.28E-07	-6.39E-09	-1.54E-07	-3.40E-08	-2.12E-08	-3.37E-08	-5.93E-09	-8.42E-09	-2.64E-07
1416	475968.71, 3849055.61	4.86561	-6.16E-04	-2.88E-04	-5.68E-04	-2.13E-07	-6.43E-07	-3.72E-07	-1.74E-07	-1.58E-07	-7.20E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.79E-08	-2.36E-08	-3.75E-08	-6.61E-09	-9.38E-09	-2.94E-07
1417	475968.71, 3849080.61	5.53065	-7.00E-04	-3.27E-04	-6.46E-04	-2.42E-07	-7.31E-07	-4.23E-07	-1.98E-07	-1.79E-07	-8.19E-08	-1.62E-07	-8.09E-09	-1.95E-07	-4.31E-08	-2.69E-08	-4.26E-08	-7.51E-09	-1.07E-08	-3.34E-07
1418	475968.71, 3849105.61	6.44145	-8.15E-04	-3.81E-04	-7.52E-04	-2.82E-07	-8.52E-07	-4.93E-07	-2.30E-07	-2.09E-07	-9.53E-08	-1.88E-07	-9.42E-09	-2.28E-07	-5.02E-08	-3.13E-08	-4.96E-08	-8.75E-09	-1.24E-08	-3.89E-07
1419	475968.71, 3849130.61	7.78937	-9.85E-04	-4.61E-04	-9.10E-04	-3.41E-07	-1.03E-06	-5.96E-07	-2.79E-07	-2.53E-07	-1.15E-07	-2.28E-07	-1.14E-08	-2.75E-07	-6.07E-08	-3.78E-08	-6.00E-08	-1.06E-08	-1.50E-08	-4.71E-07
1420	475968.71, 3849155.61	10.09828	-1.28E-03	-5.97E-04	-1.18E-03	-4.42E-07	-1.34E-06	-7.73E-07	-3.61E-07	-3.28E-07	-1.49E-07	-2.95E-07	-1.48E-08	-3.57E-07	-7.87E-08	-4.91E-08	-7.78E-08	-1.37E-08	-1.95E-08	-6.10E-07
1421	475993.71, 3848980.61	3.57236	-4.52E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.29E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.74E-08	-2.75E-08	-4.85E-09	-6.89E-09	-2.16E-07
1422	475993.71, 3849005.61	3.88924	-4.92E-04	-2.30E-04	-4.54E-04	-1.70E-07	-5.14E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.76E-08	-1.14E-07	-5.69E-09	-1.37E-07	-3.03E-08	-1.89E-08	-3.00E-08	-5.28E-09	-7.50E-09	-2.35E-07
1423	475993.71, 3849030.61	4.28528	-5.42E-04	-2.53E-04	-5.00E-04	-1.88E-07	-5.67E-07	-3.28E-07	-1.53E-07	-1.39E-07	-6.34E-08	-1.25E-07	-6.27E-09	-1.51E-07	-3.34E-08	-2.08E-08	-3.30E-08	-5.82E-09	-8.26E-09	-2.59E-07
1424	475993.71, 3849055.61	4.76536	-6.03E-04	-2.82E-04	-5.57E-04	-2.09E-07	-6.30E-07	-3.65E-07	-1.71E-07	-1.55E-07	-7.05E-08	-1.39E-07	-6.97E-09	-1.68E-07	-3.71E-08	-2.31E-08	-3.67E-08	-6.47E-09	-9.19E-09	-2.88E-07
1425	475993.71, 3849080.61	5.38699	-6.82E-04	-3.19E-04	-6.29E-04	-2.36E-07	-7.12E-07	-4.12E-07	-1.93E-07	-1.75E-07	-7.97E-08	-1.57E-07	-7.88E-09	-1.90E-07	-4.20E-08	-2.62E-08	-4.15E-08	-7.32E-09	-1.04E-08	-3.26E-07
1426	475993.71, 3849105.61	6.27472	-7.94E-04	-3.71E-04	-7.33E-04	-2.75E-07	-8.30E-07	-4.80E-07	-2.25E-07	-2.04E-07	-9.29E-08	-1.83E-07	-9.18E-09	-2.22E-07	-4.89E-08	-3.05E-08	-4.84E-08	-8.52E-09	-1.21E-08	-3.79E-07
1427	475993.71, 3849130.61	7.60703	-9.62E-04	-4.50E-04	-8.88E-04	-3.33E-07	-1.01E-06	-5.82E-07	-2.72E-07	-2.47E-07	-1.13E-07	-2.22E-07	-1.11E-08	-2.69E-07	-5.93E-08	-3.70E-08	-5.86E-08	-1.03E-08	-1.47E-08	-4.60E-07
1428	475993.71, 3849155.61	9.67471	-1.22E-03	-5.72E-04	-1.13E-03	-4.24E-07	-1.28E-06	-7.41E-07	-3.46E-07	-3.14E-07	-1.43E-07	-2.83E-07	-1.41E-08	-3.42E-07	-7.54E-08	-4.70E-08	-7.46E-08	-1.31E-08	-1.87E-08	-5.85E-07
1429	476018.71, 3848980.61	3.51076	-4.44E-04	-2.08E-04	-4.10E-04	-1.54E-07	-4.64E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.20E-08	-1.03E-07	-5.13E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.77E-09	-6.77E-09	-2.12E-07
1430	476018.71, 3849005.61	3.82378	-4.84E-04	-2.26E-04	-4.47E-04	-1.67E-07	-5.06E-07	-2.93E-07	-1.37E-07	-1.24E-07	-5.66E-08	-1.12E-07	-5.59E-09	-1.35E-07	-2.98E-08	-1.86E-08	-2.95E-08	-5.19E-09	-7.37E-09	-2.31E-07
1431	476018.71, 3849030.61	4.22266	-5.34E-04	-2.50E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.23E-07	-6.18E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.74E-09	-8.14E-09	-2.55E-07
1432	476018.71, 3849055.61	4.69596	-5.94E-04	-2.78E-04	-5.48E-04	-2.06E-07	-6.21E-07	-3.59E-07	-1.68E-07	-1.52E-07	-6.95E-08	-1.37E-07	-6.87E-09	-1.66E-07	-3.66E-08	-2.28E-08	-3.62E-08	-6.38E-09	-9.05E-09	-2.84E-07
1433	476018.71, 3849080.61	5.33217	-6.75E-04	-3.15E-04	-6.23E-04	-2.34E-07	-7.05E-07	-4.08E-07	-1.91E-07	-1.73E-07	-7.89E-08	-1.56E-07	-7.80E-09	-1.88E-07	-4.16E-08	-2.59E-08	-4.11E-08	-7.24E-09	-1.03E-08	-3.22E-07
1434	476018.71, 3849105.61	6.1762	-7.81E-04	-3.65E-04	-7.21E-04	-2.70E-07	-8.17E-07	-4.73E-07	-2.21E-07	-2.00E-07	-9.14E-08	-1.81E-07	-9.03E-09	-2.18E-07	-4.81E-08	-3.00E-08	-4.76E-08	-8.39E-09	-1.19E-08	-3.73E-07
1435	476018.71, 3849130.61	7.38831	-9.35E-04	-4.37E-04	-8.63E-04	-3.24E-07	-9.77E-07	-5.66E-07	-2.64E-07	-2.40E-07	-1.09E-07	-2.16E-07	-1.08E-08	-2.61E-07	-5.76E-08	-3.59E-08	-5.69E-08	-1.00E-08	-1.42E-08	-4.46E-07
1436	476018.71, 3849155.61	9.45732	-1.20E-03	-5.59E-04	-1.10E-03	-4.14E-07	-1.25E-06	-7.24E-07	-3.38E-07	-3.07E-07	-1.40E-07	-2.76E-07	-1.38E-08	-3.34E-07	-7.37E-08	-4.59E-08	-7.29E-08	-1.28E-08	-1.82E-08	-5.72E-07
1437	476043.71, 3848980.61	3.45114	-4.37E-04	-2.04E-04	-4.03E-04	-1.51E-07	-4.56E-07	-2.64E-07	-1.23E-07	-1.12E-07	-5.11E-08	-1.01E-07	-5.05E-09	-1.22E-07	-2.69E-08	-1.68E-08	-2.66E-08	-4.69E-09	-6.65E-09	-2.09E-07
1438	476043.71, 3849005.61	3.75877	-4.76E-04	-2.22E-04	-4.39E-04	-1.65E-07	-4.97E-07	-2.88E-07	-1.34E-07	-1.22E-07	-5.56E-08	-1.10E-07	-5.50E-09	-1.33E-07	-2.93E-08	-1.83E-08	-2.90E-08	-5.11E-09	-7.25E-09	-2.27E-07
1439	476043.71, 3849030.61	4.15289	-5.25E-04	-2.46E-04	-4.85E-04	-1.82E-07	-5.49E-07	-3.18E-07	-1.49E-07	-1.35E-07	-6.15E-08	-1.21E-07	-6.07E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.20E-08	-5.64E-09	-8.01E-09	-2.51E-07
1440	476043.71, 3849055.61	4.63019	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.12E-07	-3.54E-07	-1.66E-07	-1.50E-07	-6.85E-08	-1.35E-07	-6.77E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.29E-09	-8.93E-09	-2.80E-07
1441	476043.71, 3849080.61	5.22716	-6.61E-04	-3.09E-04	-6.10E-04	-2.29E-07	-6.91E-07	-4.00E-07	-1.87E-07	-1.70E-07	-7.74E-08	-1.53E-07	-7.64E-09	-1.85E-07	-4.07E-08	-2.54E-08	-4.03E-08	-7.10E-09	-1.01E-08	-3.16E-07
1442	476043.71, 3849105.61	6.0996	-7.72E-04	-3.61E-04	-7.12E-04	-2.67E-07	-8.07E-07	-4.67E-07	-2.18E-07	-1.98E-07	-9.03E-08	-1.78E-07	-8.92E-09	-2.15E-07	-4.75E-08	-2.96E-08	-4.70E-08	-8.28E-09	-1.18E-08	-3.69E-07
1443	476043.71, 3849130.61	7.43901	-9.41E-04	-4.40E-04	-8.69E-04	-3.26E-07	-9.84E-07	-5.69E-07	-2.66E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.09E-08	-2.63E-07	-5.80E-08	-3.61E-08	-5.73E-08	-1.01E-08	-1.43E-08	-4.50E-07
1444	476043.71, 3849155.61	9.52922	-1.21E-03	-5.64E-04	-1.11E-03	-4.17E-07	-1.26E-06	-7.29E-07	-3.41E-07	-3.09E-07	-1.41E-07	-2.79E-07	-1.39E-08	-3.37E-07	-7.43E-08	-4.63E-08	-7.34E-08	-1.29E-08	-1.84E-08	-5.76E-07
1445	476068.71, 3848980.61	3.38465	-4.28E-04	-2.00E-04	-3.95E-04	-1.48E-07	-4.48E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.01E-08	-9.89E-08	-4.95E-09	-1.20E-07	-2.64E-08	-1.64E-08	-2.61E-08	-4.60E-09	-6.53E-09	-2.05E-07
1446	476068.71, 3849005.61	3.6906	-4.67E-04	-2.18E-04	-4.31E-04	-1.62E-07	-4.88E-07	-2.83E-07	-1.32E-07	-1.20E-07	-5.46E-08	-1.08E-07	-5.40E-09	-1.30E-07	-2.88E-08	-1.79E-08	-2.84E-08	-5.01E-09	-7.12E-09	-2.23E-07
1447	476068.71, 3849030.61	4.07566	-5.16E-04	-2.41E-04	-4.76E-04	-1.78E-07	-5.39E-07	-3.12E-07	-1.46E-07	-1.32E-07	-6.03E-08	-1.19E-07	-5.96E-09	-1.44E-07	-3.18E-08	-1.98E-08	-3.14E-08	-5.54E-09	-7.86E-09	-2.46E-07
1448	476068.71, 3849055.61	4.55824	-5.77E-04	-2.70E-04	-5.32E-04	-2.00E-07	-6.03E-07	-3.49E-07	-1.63E-07	-1.48E-07	-6.75E-08	-1.33E-07	-6.67E-09	-1.61E-07	-3.55E-08	-2.21E-08	-3.51E-08	-6.19E-09	-8.79E-09	-2.75E-07
1449	476068.71, 3849080.61	5.16257	-6.53E-04	-3.05E-04	-6.03E-04	-2.26E-07	-6.83E-07	-3.95E-07	-1.85E-07	-1.67E-07	-7.64E-08	-1.51E-07	-7.55E-09	-1.82E-07	-4.02E-08	-2.51E-08	-3.98E-08	-7.01E-09	-9.95E-09	-3.12E-07
1450	476068.71, 3849105.61	6.00551	-7.60E-04	-3.55E-04	-7.01E-04	-2.63E-07	-7.94E-07	-4.60E-07	-2.15E-07	-1.95E-07	-8.89E-08	-1.76E-07	-8.78E-09	-2.12E-07	-4.68E-08	-2.92E-08	-4.63E-08	-8.16E-09	-1.16E-08	-3.63E-07
1451	476068.71, 3849130.61	7.26549	-9.19E-04	-4.30E-04	-8.48E-04	-3.18E-07	-9.61E-07	-5.56E-07	-2.60E-07	-2.36E-07	-1.08E-07	-2.12E-07	-1.06E-08	-2.57E-07	-5.66E-08	-3.53E-08	-5.60E-08	-9.87E-09	-1.40E-08	-4.39E-07
1452	476068.71, 3849155.61	9.18562	-1.16E-03	-5.43E-04	-1.07E-03	-4.02E-07	-1.21E-06	-7.03E-07	-3.29E-07	-2.98E-07	-1.36E-07	-2.68E-07	-1.34E-08	-3.24E-07	-7.16E-08	-4.46E-08	-7.08E-08	-1.25E-08	-1.77E-08	-5.55E-07
1453	476068.71, 3849180.61	12.67138	-1.60E-03	-7.49E-04	-1.48E-03	-5.55E-07	-1.68E-06	-9.70E-07	-4.53E-07	-4.11E-07	-1.88E-07	-3.70E-07	-1.85E-08	-4.48E-07	-9.88E-08	-6.16E-08	-9.77E-08	-1.72E-08	-2.44E-08	-7.66E-07
1454	476093.71, 3848980.61	3.32231	-4.20E-04	-1.96E-04	-3.88E-04	-1.45E-07	-4.39E-07	-2.54E-07	-1.19E-07	-1.08E-07	-4.92E-08	-9.71E-08	-4.86E-09	-1.17E-07	-2.59E-08	-1.61E-08	-2.56E-08	-4.51E-09	-6.41E-09	-2.01E-07
1455	476093.71, 3849005.61	3.61642	-4.58E-04	-2.14E-04	-4.22E-04	-1.58E-07	-4.78E-07	-2.77E-07	-1.29E-07	-1.17E-07	-5.35E-08	-1.06E-07	-5.29E-09	-1.28E-07	-2.82E-08	-1.76E-08	-2.79E-08	-4.91E-09	-6.97E-09	-2.19E-07
1456	476093.71, 3849030.61	3.99012	-5.05E-04	-2.36E-04	-4.66E-04	-1.75E-07	-5.28E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.91E-08	-1.17E-07	-5.84E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.42E-09	-7.69E-09	-2.41E-07
1457	476093.71, 3849055.61	4.46942	-5.65E-04	-2.64E-04	-5.22E-04	-1.96E-07	-5.91E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.61E-08	-1.31E-07	-6.54E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.07E-09	-8.62E-09	-2.70E-07
1458	476093.71, 3849080.61	5.10465	-6.46E-04	-3.02E-04	-5.96E-04	-2.24E-07	-6.75E-07	-3.91E-07	-1.83E-07	-1.66E-07	-7.55E-08	-1.49E-07	-7.47E-09	-1.80E-07	-3.98E-08	-2.48E-08	-3.93E-08	-6.93E-09	-9.84E-09	-3.08E-07
1459	476093.71, 3849105.61	5.93037	-7.50E-04	-3.51E-04	-6.93E-04	-2.60E-07	-7.84E-07	-4.54E-07	-2.12E-07	-1.92E-07	-8.78E-08	-1.73E-07	-8.67E-09	-2.09E-07	-4.62E-08	-2.88E-08	-4.57E-08	-8.05E-09	-1.14E-08	-3.58E-07
1460	476093.71, 3849130.61	7.11928	-9.01E-04	-4.21E-04	-8.31E-04	-3.12E-07	-9.41E-07	-5.45E-07	-2.55E-07	-2.31E-07	-1.05E-07	-2.08E-07	-1.04E-08	-2.51E-07	-5.55E-08	-3.46E-08	-5.49E-08	-9.67E-09	-1.37E-08	-4.30E-07
1461	476093.71, 3849155.61	8.95667	-1.13E-03	-5.30E-04	-1.05E-03	-3.92E-07	-1.18E-06	-6.86E-07	-3.20E-07	-2.91E-07	-1.33E-07	-2.62E-07	-1.31E-08	-3.16E-07	-6.98E-08	-4.35E-08	-6.90E-08	-1.22E-08	-1.73E-08	-5.41E-07
1462	476093.71, 3849180.61	12.08877	-1.53E-03	-7.15E-04	-1.41E-03	-5.29E-07	-1.60E-06	-9.25E-07	-4.33E-07	-3.92E-07	-1.79E-07	-3.53E-07	-1.77E-08	-4.27E-07	-9.42E-08	-5.87E-08	-9.32E-08	-1.64E-08	-2.33E-08	-7.31E-07
1463	476118.71, 3848980.61	3.24836	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.30E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.81E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
1464	476118.71, 3849005.61	3.53158	-4.47E-04	-2.09E-04	-4.12E-04	-1.55E-07	-4.67E-07	-2.70E-07	-1.26E-07	-1.15E-07	-5.23E-08	-1.03E-07	-5.16E-09	-1.25E-07	-2.75E-08	-1.72E-08	-2.72E-08	-4.80E-09	-6.81E-09	-2.13E-07
1465	476118.71, 3849030.61	3.88629	-4.92E-04	-2.30E-04	-4.54E-04	-1.70E-07	-5.14E-07	-2.97E-07	-1.39E-07	-1.26E-07	-5.75E-08	-1.14E-07	-5.68E-09	-1.37E-07	-3.03E-08	-1.89E-08	-2.99E-08	-5.28E-09	-7.49E-09	-2.35E-07
1466	476118.71, 3849055.61	4.3484	-5.50E-04	-2.57E-04	-5.08E-04	-1.90E-07	-5.75E-07	-3.33E-07	-1.56E-07	-1.41E-07	-6.44E-08	-1.27E-07	-6.36E-09	-1.54E-07	-3.39E-08	-2.11E-08	-3.35E-08	-5.91E-09	-8.38E-09	-2.63E-07
1467	476118.71, 3849080.61	4.95782	-6.27E-04	-2.93E-04	-5.79E-04	-2.17E-07	-6.56E-07	-3.80E-07	-1.77E-07	-1.61E-07	-7.34E-08	-1.45E-07	-7.25E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.73E-09	-9.56E-09	-3.00E-07

1468	476118.71, 3849105.61	5.78947	-7.32E-04	-3.42E-04	-6.76E-04	-2.54E-07	-7.66E-07	-4.43E-07	-2.07E-07	-1.88E-07	-8.57E-08	-1.69E-07	-8.47E-09	-2.05E-07	-4.51E-08	-2.81E-08	-4.46E-08	-7.86E-09	-1.12E-08	-3.50E-07
1469	476118.71, 3849130.61	6.91992	-8.75E-04	-4.09E-04	-8.08E-04	-3.03E-07	-9.15E-07	-5.30E-07	-2.48E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.39E-08	-3.36E-08	-5.33E-08	-9.40E-09	-1.33E-08	-4.18E-07
1470	476118.71, 3849155.61	8.67254	-1.10E-03	-5.13E-04	-1.01E-03	-3.80E-07	-1.15E-06	-6.64E-07	-3.10E-07	-2.81E-07	-1.28E-07	-2.53E-07	-1.27E-08	-3.06E-07	-6.76E-08	-4.21E-08	-6.68E-08	-1.18E-08	-1.67E-08	-5.24E-07
1471	476118.71, 3849180.61	11.58913	-1.47E-03	-6.85E-04	-1.35E-03	-5.08E-07	-1.53E-06	-8.87E-07	-4.15E-07	-3.76E-07	-1.72E-07	-3.39E-07	-1.69E-08	-4.09E-07	-9.03E-08	-5.63E-08	-8.93E-08	-1.57E-08	-2.23E-08	-7.00E-07
1472	476143.71, 3849005.61	3.4209	-4.33E-04	-2.02E-04	-4.00E-04	-1.50E-07	-4.52E-07	-2.62E-07	-1.22E-07	-1.11E-07	-5.06E-08	-1.00E-07	-5.00E-09	-1.21E-07	-2.67E-08	-1.66E-08	-2.64E-08	-4.65E-09	-6.60E-09	-2.07E-07
1473	476143.71, 3849030.61	3.77725	-4.78E-04	-2.23E-04	-4.41E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.23E-07	-5.59E-08	-1.10E-07	-5.52E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.13E-09	-7.28E-09	-2.28E-07
1474	476143.71, 3849055.61	4.22094	-5.34E-04	-2.50E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.23E-07	-6.17E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.73E-09	-8.14E-09	-2.55E-07
1475	476143.71, 3849080.61	4.80717	-6.08E-04	-2.84E-04	-5.61E-04	-2.11E-07	-6.36E-07	-3.68E-07	-1.72E-07	-1.56E-07	-7.11E-08	-1.41E-07	-7.03E-09	-1.70E-07	-3.75E-08	-2.34E-08	-3.70E-08	-6.53E-09	-9.27E-09	-2.91E-07
1476	476143.71, 3849105.61	5.58889	-7.07E-04	-3.30E-04	-6.53E-04	-2.45E-07	-7.39E-07	-4.28E-07	-2.00E-07	-1.81E-07	-8.27E-08	-1.63E-07	-8.17E-09	-1.97E-07	-4.36E-08	-2.72E-08	-4.31E-08	-7.59E-09	-1.08E-08	-3.38E-07
1477	476143.71, 3849130.61	6.70965	-8.49E-04	-3.97E-04	-7.84E-04	-2.94E-07	-8.87E-07	-5.14E-07	-2.40E-07	-2.18E-07	-9.93E-08	-1.96E-07	-9.81E-09	-2.37E-07	-5.23E-08	-3.26E-08	-5.17E-08	-9.11E-09	-1.29E-08	-4.05E-07
1478	476143.71, 3849155.61	8.35562	-1.06E-03	-4.94E-04	-9.76E-04	-3.66E-07	-1.10E-06	-6.40E-07	-2.99E-07	-2.71E-07	-1.24E-07	-2.44E-07	-1.22E-08	-2.95E-07	-6.51E-08	-4.06E-08	-6.44E-08	-1.13E-08	-1.61E-08	-5.05E-07
1479	476143.71, 3849180.61	11.14317	-1.41E-03	-6.59E-04	-1.30E-03	-4.88E-07	-1.47E-06	-8.53E-07	-3.99E-07	-3.61E-07	-1.65E-07	-3.26E-07	-1.63E-08	-3.94E-07	-8.69E-08	-5.41E-08	-8.59E-08	-1.51E-08	-2.15E-08	-6.73E-07
1480	476168.71, 3849005.61	3.31613	-4.20E-04	-1.96E-04	-3.87E-04	-1.45E-07	-4.39E-07	-2.54E-07	-1.19E-07	-1.08E-07	-4.91E-08	-9.69E-08	-4.85E-09	-1.17E-07	-2.58E-08	-1.61E-08	-2.56E-08	-4.50E-09	-6.39E-09	-2.00E-07
1481	476168.71, 3849030.61	3.67062	-4.64E-04	-2.17E-04	-4.29E-04	-1.61E-07	-4.85E-07	-2.81E-07	-1.31E-07	-1.19E-07	-5.43E-08	-1.07E-07	-5.37E-09	-1.30E-07	-2.86E-08	-1.78E-08	-2.83E-08	-4.99E-09	-7.08E-09	-2.22E-07
1482	476168.71, 3849055.61	4.09661	-5.18E-04	-2.42E-04	-4.78E-04	-1.79E-07	-5.42E-07	-3.14E-07	-1.47E-07	-1.33E-07	-6.06E-08	-1.20E-07	-5.99E-09	-1.45E-07	-3.19E-08	-1.99E-08	-3.16E-08	-5.56E-09	-7.90E-09	-2.48E-07
1483	476168.71, 3849080.61	4.6504	-5.88E-04	-2.75E-04	-5.43E-04	-2.04E-07	-6.15E-07	-3.56E-07	-1.66E-07	-1.51E-07	-6.88E-08	-1.36E-07	-6.80E-09	-1.64E-07	-3.62E-08	-2.26E-08	-3.58E-08	-6.32E-09	-8.97E-09	-2.81E-07
1484	476168.71, 3849105.61	5.4032	-6.84E-04	-3.20E-04	-6.31E-04	-2.37E-07	-7.14E-07	-4.14E-07	-1.93E-07	-1.75E-07	-8.00E-08	-1.58E-07	-7.90E-09	-1.91E-07	-4.21E-08	-2.62E-08	-4.16E-08	-7.34E-09	-1.04E-08	-3.27E-07
1485	476168.71, 3849130.61	6.47712	-8.19E-04	-3.83E-04	-7.56E-04	-2.84E-07	-8.56E-07	-4.96E-07	-2.32E-07	-2.10E-07	-9.59E-08	-1.89E-07	-9.47E-09	-2.29E-07	-5.05E-08	-3.15E-08	-4.99E-08	-8.80E-09	-1.25E-08	-3.91E-07
1486	476168.71, 3849155.61	8.00712	-1.01E-03	-4.73E-04	-9.35E-04	-3.51E-07	-1.06E-06	-6.13E-07	-2.86E-07	-2.60E-07	-1.19E-07	-2.34E-07	-1.17E-08	-2.83E-07	-6.24E-08	-3.89E-08	-6.17E-08	-1.09E-08	-1.54E-08	-4.84E-07
1487	476168.71, 3849180.61	10.61532	-1.34E-03	-6.28E-04	-1.24E-03	-4.65E-07	-1.40E-06	-8.13E-07	-3.80E-07	-3.44E-07	-1.57E-07	-3.10E-07	-1.55E-08	-3.75E-07	-8.27E-08	-5.16E-08	-8.18E-08	-1.44E-08	-2.05E-08	-6.42E-07
1488	476193.71, 3849005.61	3.23246	-4.09E-04	-1.91E-04	-3.77E-04	-1.42E-07	-4.27E-07	-2.47E-07	-1.16E-07	-1.05E-07	-4.78E-08	-9.45E-08	-4.73E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.39E-09	-6.23E-09	-1.95E-07
1489	476193.71, 3849030.61	3.57364	-4.52E-04	-2.11E-04	-4.17E-04	-1.57E-07	-4.73E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.29E-08	-1.04E-07	-5.23E-09	-1.26E-07	-2.79E-08	-1.74E-08	-2.75E-08	-4.85E-09	-6.89E-09	-2.16E-07
1490	476193.71, 3849055.61	3.98378	-5.04E-04	-2.36E-04	-4.65E-04	-1.74E-07	-5.27E-07	-3.05E-07	-1.43E-07	-1.29E-07	-5.90E-08	-1.16E-07	-5.83E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.07E-08	-5.41E-09	-7.68E-09	-2.41E-07
1491	476193.71, 3849080.61	4.50115	-5.69E-04	-2.66E-04	-5.26E-04	-1.97E-07	-5.95E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.66E-08	-1.32E-07	-6.58E-09	-1.59E-07	-3.51E-08	-2.19E-08	-3.47E-08	-6.11E-09	-8.68E-09	-2.72E-07
1492	476193.71, 3849105.61	5.20393	-6.58E-04	-3.08E-04	-6.08E-04	-2.28E-07	-6.88E-07	-3.98E-07	-1.86E-07	-1.69E-07	-7.70E-08	-1.52E-07	-7.61E-09	-1.84E-07	-4.06E-08	-2.53E-08	-4.01E-08	-7.07E-09	-1.00E-08	-3.14E-07
1493	476193.71, 3849130.61	6.19389	-7.84E-04	-3.66E-04	-7.23E-04	-2.71E-07	-8.19E-07	-4.74E-07	-2.22E-07	-2.01E-07	-9.17E-08	-1.81E-07	-9.06E-09	-2.19E-07	-4.83E-08	-3.01E-08	-4.77E-08	-8.41E-09	-1.19E-08	-3.74E-07
1494	476193.71, 3849155.61	7.69533	-9.74E-04	-4.55E-04	-8.99E-04	-3.37E-07	-1.02E-06	-5.89E-07	-2.75E-07	-2.50E-07	-1.14E-07	-2.25E-07	-1.13E-08	-2.72E-07	-6.00E-08	-3.74E-08	-5.93E-08	-1.05E-08	-1.48E-08	-4.65E-07
1495	476193.71, 3849180.61	10.06949	-1.27E-03	-5.95E-04	-1.18E-03	-4.41E-07	-1.33E-06	-7.71E-07	-3.60E-07	-3.27E-07	-1.49E-07	-2.94E-07	-1.47E-08	-3.56E-07	-7.85E-08	-4.89E-08	-7.76E-08	-1.37E-08	-1.94E-08	-6.09E-07
1496	476218.71, 3849005.61	3.15021	-3.99E-04	-1.86E-04	-3.68E-04	-1.38E-07	-4.17E-07	-2.41E-07	-1.13E-07	-1.02E-07	-4.66E-08	-9.21E-08	-4.61E-09	-1.11E-07	-2.46E-08	-1.53E-08	-2.43E-08	-4.28E-09	-6.07E-09	-1.90E-07
1497	476218.71, 3849030.61	3.48369	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.09E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.68E-08	-4.73E-09	-6.72E-09	-2.11E-07
1498	476218.71, 3849055.61	3.869	-4.89E-04	-2.29E-04	-4.52E-04	-1.69E-07	-5.12E-07	-2.96E-07	-1.38E-07	-1.25E-07	-5.73E-08	-1.13E-07	-5.66E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.98E-08	-5.25E-09	-7.46E-09	-2.34E-07
1499	476218.71, 3849080.61	4.35561	-5.51E-04	-2.58E-04	-5.09E-04	-1.91E-07	-5.76E-07	-3.33E-07	-1.56E-07	-1.41E-07	-6.45E-08	-1.27E-07	-6.37E-09	-1.54E-07	-3.40E-08	-2.12E-08	-3.36E-08	-5.92E-09	-8.40E-09	-2.63E-07
1500	476218.71, 3849105.61	5.01522	-6.34E-04	-2.97E-04	-5.86E-04	-2.20E-07	-6.63E-07	-3.84E-07	-1.79E-07	-1.63E-07	-7.42E-08	-1.47E-07	-7.33E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.86E-08	-6.81E-09	-9.67E-09	-3.03E-07
1501	476218.71, 3849130.61	5.96193	-7.54E-04	-3.53E-04	-6.96E-04	-2.61E-07	-7.88E-07	-4.56E-07	-2.13E-07	-1.93E-07	-8.82E-08	-1.74E-07	-8.72E-09	-2.11E-07	-4.65E-08	-2.90E-08	-4.59E-08	-8.10E-09	-1.15E-08	-3.60E-07
1502	476218.71, 3849155.61	7.42436	-9.39E-04	-4.39E-04	-8.67E-04	-3.25E-07	-9.82E-07	-5.68E-07	-2.66E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.09E-08	-2.62E-07	-5.79E-08	-3.61E-08	-5.72E-08	-1.01E-08	-1.43E-08	-4.49E-07
1503	476218.71, 3849180.61	9.61899	-1.22E-03	-5.69E-04	-1.12E-03	-4.21E-07	-1.27E-06	-7.36E-07	-3.44E-07	-3.12E-07	-1.42E-07	-2.81E-07	-1.41E-08	-3.40E-07	-7.50E-08	-4.67E-08	-7.41E-08	-1.31E-08	-1.85E-08	-5.81E-07
1504	476243.71, 3849005.61	3.08506	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.08E-07	-2.36E-07	-1.10E-07	-1.00E-07	-4.57E-08	-9.02E-08	-4.51E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.38E-08	-4.19E-09	-5.95E-09	-1.86E-07
1505	476243.71, 3849030.61	3.40636	-4.31E-04	-2.01E-04	-3.98E-04	-1.49E-07	-4.50E-07	-2.61E-07	-1.22E-07	-1.10E-07	-5.04E-08	-9.96E-08	-4.98E-09	-1.20E-07	-2.66E-08	-1.65E-08	-2.63E-08	-4.63E-09	-6.57E-09	-2.06E-07
1506	476243.71, 3849055.61	3.77138	-4.77E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.52E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.12E-09	-7.27E-09	-2.28E-07
1507	476243.71, 3849080.61	4.24382	-5.37E-04	-2.51E-04	-4.96E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.21E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.76E-09	-8.18E-09	-2.56E-07
1508	476243.71, 3849105.61	4.86728	-6.16E-04	-2.88E-04	-5.68E-04	-2.13E-07	-6.44E-07	-3.73E-07	-1.74E-07	-1.58E-07	-7.20E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.79E-08	-2.36E-08	-3.75E-08	-6.61E-09	-9.38E-09	-2.94E-07
1509	476243.71, 3849130.61	5.77771	-7.31E-04	-3.42E-04	-6.75E-04	-2.53E-07	-7.64E-07	-4.42E-07	-2.07E-07	-1.87E-07	-8.55E-08	-1.69E-07	-8.45E-09	-2.04E-07	-4.50E-08	-2.81E-08	-4.45E-08	-7.85E-09	-1.11E-08	-3.49E-07
1510	476243.71, 3849155.61	7.13994	-9.03E-04	-4.22E-04	-8.34E-04	-3.13E-07	-9.44E-07	-5.47E-07	-2.55E-07	-2.32E-07	-1.06E-07	-2.09E-07	-1.04E-08	-2.52E-07	-5.57E-08	-3.47E-08	-5.50E-08	-9.70E-09	-1.38E-08	-4.31E-07
1511	476243.71, 3849180.61	9.15167	-1.16E-03	-5.41E-04	-1.07E-03	-4.01E-07	-1.21E-06	-7.01E-07	-3.27E-07	-2.97E-07	-1.35E-07	-2.67E-07	-1.34E-08	-3.23E-07	-7.13E-08	-4.45E-08	-7.05E-08	-1.24E-08	-1.76E-08	-5.53E-07
1512	476268.71, 3849030.61	3.29982	-4.17E-04	-1.95E-04	-3.85E-04	-1.45E-07	-4.36E-07	-2.53E-07	-1.18E-07	-1.07E-07	-4.88E-08	-9.64E-08	-4.83E-09	-1.17E-07	-2.57E-08	-1.60E-08	-2.54E-08	-4.48E-09	-6.36E-09	-1.99E-07
1513	476268.71, 3849055.61	3.6482	-4.62E-04	-2.16E-04	-4.26E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.31E-07	-1.18E-07	-5.40E-08	-1.07E-07	-5.34E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.03E-09	-2.20E-07
1514	476268.71, 3849080.61	4.11501	-5.21E-04	-2.43E-04	-4.81E-04	-1.80E-07	-5.44E-07	-3.15E-07	-1.47E-07	-1.33E-07	-6.09E-08	-1.20E-07	-6.02E-09	-1.45E-07	-3.21E-08	-2.00E-08	-3.17E-08	-5.59E-09	-7.93E-09	-2.49E-07
1515	476268.71, 3849105.61	4.71114	-5.96E-04	-2.79E-04	-5.50E-04	-2.06E-07	-6.23E-07	-3.61E-07	-1.69E-07	-1.53E-07	-6.97E-08	-1.38E-07	-6.89E-09	-1.66E-07	-3.67E-08	-2.29E-08	-3.63E-08	-6.40E-09	-9.08E-09	-2.85E-07
1516	476268.71, 3849130.61	5.55911	-7.03E-04	-3.29E-04	-6.49E-04	-2.43E-07	-7.35E-07	-4.26E-07	-1.99E-07	-1.80E-07	-8.23E-08	-1.62E-07	-8.13E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.55E-09	-1.07E-08	-3.36E-07
1517	476268.71, 3849155.61	6.81585	-8.62E-04	-4.03E-04	-7.96E-04	-2.98E-07	-9.01E-07	-5.22E-07	-2.44E-07	-2.21E-07	-1.01E-07	-1.99E-07	-9.97E-09	-2.41E-07	-5.31E-08	-3.31E-08	-5.25E-08	-9.26E-09	-1.31E-08	-4.12E-07
1518	476268.71, 3849180.61	8.69823	-1.10E-03	-5.14E-04	-1.02E-03	-3.81E-07	-1.15E-06	-6.66E-07	-3.11E-07	-2.82E-07	-1.29E-07	-2.54E-07	-1.27E-08	-3.07E-07	-6.78E-08	-4.23E-08	-6.70E-08	-1.18E-08	-1.68E-08	-5.26E-07
1519	476268.71, 3849205.61	11.92456	-1.51E-03	-7.05E-04	-1.39E-03	-5.22E-07	-1.58E-06	-9.13E-07	-4.27E-07	-3.87E-07	-1.76E-07	-3.49E-07	-1.74E-08	-4.21E-07	-9.30E-08	-5.79E-08	-9.19E-08	-1.62E-08	-2.30E-08	-7.21E-07
1520	476293.71, 3849030.61	3.19382	-4.04E-04	-1.89E-04	-3.73E-04	-1.40E-07	-4.22E-07	-2.44E-07	-1.14E-07	-1.04E-07	-4.73E-08	-9.33E-08	-4.67E-09	-1.13E-07	-2.49E-08	-1.55E-08	-2.46E-08	-4.34E-09	-6.16E-09	-1.93E-07
1521	476293.71, 3849055.61	3.5464	-4.49E-04	-2.10E-04	-4.14E-04	-1.55E-07	-4.69E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.25E-08	-1.04E-07	-5.19E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.82E-09	-6.84E-09	-2.14E-07
1522	476293.71, 3849080.61	3.98196	-5.04E-04	-2.35E-04	-4.65E-04	-1.74E-07	-5.27E-07	-3.05E-07	-1.42E-07	-1.29E-07	-5.89E-08	-1.16E-07	-5.82E-09	-1.41E-07	-3.10E-08	-1.93E-08	-3.07E-08	-5.41E-09	-7.68E-09	-2.41E-07
1523	476293.71, 3849105.61	4.56941	-5.78E-04	-2.70E-04	-5.34E-04	-2.00E-07	-6.04E-07	-3.50E-07	-1.63E-07	-1.48E-07	-6.76E-08	-1.34E-07	-6.68E-09	-1.61E-07	-3.56E-08	-2.22E-08	-3.52E-08	-6.21E-09	-8.81E-09	-2.76E-07
1524	476293.71, 3849130.61	5.39247	-6.82E-04	-3.19E-04	-6.30E-04	-2.36E-07	-7.13E-07	-4.13E-07	-1.93E-07	-1.75E-07	-7.98E-08	-1.58E-07	-7.89E-09	-1.90E-07	-4.20E-08	-2.62E-08	-4.16E-08	-7.32E-09	-1.04E-08	-3.26E-07
1525	476293.71, 3849155.61	6.59996	-8.35E-04	-3.90E-04	-7.71E-04	-2.89E-07	-8.73E-07	-5.05E-07	-2.36E-07	-2.14E-07	-9.77E-08	-1.93E-07	-9.65E-09	-2.33E-07	-5.14E-08	-3.21E-08	-5.09E-08	-8.96E-09	-1.27E-08	-3.99E-07
1526	476293.71, 3849180.61	8.2612	-1.05E-03	-4.89E-04	-9.65E-04	-3.62E-07	-1.09E-06	-6.32E-07	-2.96E-07	-2.68E-07	-1.22E-07	-2.41E-07	-1.21E-08	-2.92E-07	-6.44E-08	-4.01E-08	-6.37E-08	-1.12E-08	-1.59E-08	-4.99E-07
1527	476293.71, 3849205.61	11.08691	-1.40E-03	-6.56E-04	-1.29E-03	-4.86E-07	-1.47E-06	-8.49E-07	-3.97E-07	-3.60E-07	-1.64E-07	-3.24E-07	-1.62E-08	-3.92E-07	-8.64E-08	-5.39E-08	-8.54E-08	-1.51E-08	-2.14E-08	-6.70E-07
1528	476318.71, 3849030.61	3.11496	-3.94E-04	-1.84E-04	-3.64E-04	-1.36E-07	-4.12E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.61E-08	-9.10E-08	-4.56E-09	-1.10E-07	-2.43E-08	-1.51E-08	-2.40E-08	-4.23E-09	-6.01E-09	-1.88E-07
1529	476318.71, 3849055.61	3.46943	-4.39E-04	-2.05E-04	-4.05E-04	-1.52E-07	-4.59E-07	-2.66E-07	-1.24E-07	-1.13E-07	-5.13E-08	-1.01E-07	-5.07E-09	-1.23E-07	-2.70E-08	-1.69E-08	-2.67E-08	-4.71E-09	-6.69E-09	-2.10E-07
1530	476318.71, 3849080.61	3.90185	-4.94E-04	-2.31E-04	-4.56E-04	-1.71E-07	-5.16E-07	-2.99E-07	-1.40E-07	-1.27E-07	-5.77E-08	-1.14E-07	-5.71E-09	-1.38E-07	-3.04E-08	-1.90E-08	-3.01E-08	-5.30E-09	-7.52E-09	-2.36E-07
1531	476318.71, 3849105.61	4.45664	-5.64E-04	-2.64E-04	-5.20E-04	-1.95E-07	-5.89E-07	-3.41E-07	-1.59E-07	-1.45E-07	-6.60E-08	-1.30E-07	-6.52E-09	-1.57E-07	-3.47E-08	-2.17E-08	-3.43E-08	-6.05E-09	-8.59E-09	-2.69E-07

1532	476318.71, 3849130.61	5.23953	-6.63E-04	-3.10E-04	-6.12E-04	-2.29E-07	-6.93E-07	-4.01E-07	-1.87E-07	-1.70E-07	-7.75E-08	-1.53E-07	-7.66E-09	-1.85E-07	-4.08E-08	-2.55E-08	-4.04E-08	-7.12E-09	-1.01E-08	-3.17E-07
1533	476318.71, 3849155.61	6.34643	-8.03E-04	-3.75E-04	-7.41E-04	-2.78E-07	-8.39E-07	-4.86E-07	-2.27E-07	-2.06E-07	-9.39E-08	-1.85E-07	-9.28E-09	-2.24E-07	-4.95E-08	-3.08E-08	-4.89E-08	-8.62E-09	-1.22E-08	-3.84E-07
1534	476318.71, 3849180.61	7.82578	-9.90E-04	-4.63E-04	-9.14E-04	-3.43E-07	-1.03E-06	-5.99E-07	-2.80E-07	-2.54E-07	-1.16E-07	-2.29E-07	-1.14E-08	-2.76E-07	-6.10E-08	-3.80E-08	-6.03E-08	-1.06E-08	-1.51E-08	-4.73E-07
1535	476318.71, 3849205.61	10.26747	-1.30E-03	-6.07E-04	-1.20E-03	-4.50E-07	-1.36E-06	-7.86E-07	-3.67E-07	-3.33E-07	-1.52E-07	-3.00E-07	-1.50E-08	-3.63E-07	-8.00E-08	-4.99E-08	-7.91E-08	-1.39E-08	-1.98E-08	-6.20E-07
1536	476343.71, 3849030.61	3.08961	-3.91E-04	-1.83E-04	-3.61E-04	-1.35E-07	-4.09E-07	-2.37E-07	-1.11E-07	-1.00E-07	-4.57E-08	-9.03E-08	-4.52E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.38E-08	-4.20E-09	-5.96E-09	-1.87E-07
1537	476343.71, 3849055.61	3.43696	-4.35E-04	-2.03E-04	-4.01E-04	-1.51E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.09E-08	-1.00E-07	-5.03E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.63E-09	-2.08E-07
1538	476343.71, 3849080.61	3.84119	-4.86E-04	-2.27E-04	-4.49E-04	-1.68E-07	-5.08E-07	-2.94E-07	-1.37E-07	-1.25E-07	-5.68E-08	-1.12E-07	-5.62E-09	-1.36E-07	-2.99E-08	-1.87E-08	-2.96E-08	-5.22E-09	-7.41E-09	-2.32E-07
1539	476343.71, 3849105.61	4.34031	-5.49E-04	-2.57E-04	-5.07E-04	-1.90E-07	-5.74E-07	-3.32E-07	-1.55E-07	-1.41E-07	-6.42E-08	-1.27E-07	-6.35E-09	-1.53E-07	-3.38E-08	-2.11E-08	-3.34E-08	-5.89E-09	-8.37E-09	-2.62E-07
1540	476343.71, 3849130.61	5.04087	-6.38E-04	-2.98E-04	-5.89E-04	-2.21E-07	-6.67E-07	-3.86E-07	-1.80E-07	-1.63E-07	-7.46E-08	-1.47E-07	-7.37E-09	-1.78E-07	-3.93E-08	-2.45E-08	-3.88E-08	-6.85E-09	-9.72E-09	-3.05E-07
1541	476343.71, 3849155.61	6.05981	-7.67E-04	-3.58E-04	-7.08E-04	-2.65E-07	-8.01E-07	-4.64E-07	-2.17E-07	-1.97E-07	-8.97E-08	-1.77E-07	-8.86E-09	-2.14E-07	-4.72E-08	-2.94E-08	-4.67E-08	-8.23E-09	-1.17E-08	-3.66E-07
1542	476343.71, 3849180.61	7.43638	-9.41E-04	-4.40E-04	-8.68E-04	-3.26E-07	-9.83E-07	-5.69E-07	-2.66E-07	-2.41E-07	-1.10E-07	-2.17E-07	-1.09E-08	-2.63E-07	-5.80E-08	-3.61E-08	-5.73E-08	-1.01E-08	-1.43E-08	-4.49E-07
1543	476343.71, 3849205.61	9.54294	-1.21E-03	-5.64E-04	-1.11E-03	-4.18E-07	-1.26E-06	-7.31E-07	-3.41E-07	-3.10E-07	-1.41E-07	-2.79E-07	-1.40E-08	-3.37E-07	-7.44E-08	-4.64E-08	-7.35E-08	-1.30E-08	-1.84E-08	-5.77E-07
1544	476343.71, 3849230.61	13.36412	-1.69E-03	-7.90E-04	-1.56E-03	-5.85E-07	-1.77E-06	-1.02E-06	-4.78E-07	-4.33E-07	-1.98E-07	-3.91E-07	-1.95E-08	-4.72E-07	-1.04E-07	-6.49E-08	-1.03E-07	-1.82E-08	-2.58E-08	-8.08E-07
1545	476368.71, 3849030.61	3.04358	-3.85E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.87E-08	-4.50E-08	-8.90E-08	-4.45E-09	-1.08E-07	-2.37E-08	-1.48E-08	-2.35E-08	-4.13E-09	-5.87E-09	-1.84E-07
1546	476368.71, 3849055.61	3.35694	-4.25E-04	-1.99E-04	-3.92E-04	-1.47E-07	-4.44E-07	-2.57E-07	-1.20E-07	-1.09E-07	-4.97E-08	-9.81E-08	-4.91E-09	-1.19E-07	-2.62E-08	-1.63E-08	-2.59E-08	-4.56E-09	-6.47E-09	-2.03E-07
1547	476368.71, 3849080.61	3.7043	-4.69E-04	-2.19E-04	-4.33E-04	-1.62E-07	-4.90E-07	-2.84E-07	-1.33E-07	-1.20E-07	-5.48E-08	-1.08E-07	-5.42E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.85E-08	-5.03E-09	-7.14E-09	-2.24E-07
1548	476368.71, 3849105.61	4.11348	-5.20E-04	-2.43E-04	-4.80E-04	-1.80E-07	-5.44E-07	-3.15E-07	-1.47E-07	-1.33E-07	-6.09E-08	-1.20E-07	-6.02E-09	-1.45E-07	-3.21E-08	-2.00E-08	-3.17E-08	-5.59E-09	-7.93E-09	-2.49E-07
1549	476368.71, 3849130.61	4.69879	-5.94E-04	-2.78E-04	-5.49E-04	-2.06E-07	-6.21E-07	-3.60E-07	-1.68E-07	-1.52E-07	-6.95E-08	-1.37E-07	-6.87E-09	-1.66E-07	-3.66E-08	-2.28E-08	-3.62E-08	-6.38E-09	-9.06E-09	-2.84E-07
1550	476368.71, 3849155.61	5.72344	-7.24E-04	-3.38E-04	-6.68E-04	-2.51E-07	-7.57E-07	-4.38E-07	-2.05E-07	-1.86E-07	-8.47E-08	-1.67E-07	-8.37E-09	-2.02E-07	-4.46E-08	-2.78E-08	-4.41E-08	-7.77E-09	-1.10E-08	-3.46E-07
1551	476368.71, 3849180.61	7.06414	-8.94E-04	-4.18E-04	-8.25E-04	-3.09E-07	-9.34E-07	-5.41E-07	-2.53E-07	-2.29E-07	-1.05E-07	-2.06E-07	-1.03E-08	-2.50E-07	-5.51E-08	-3.43E-08	-5.44E-08	-9.59E-09	-1.36E-08	-4.27E-07
1552	476368.71, 3849205.61	8.89067	-1.12E-03	-5.26E-04	-1.04E-03	-3.89E-07	-1.18E-06	-6.81E-07	-3.18E-07	-2.88E-07	-1.32E-07	-2.60E-07	-1.30E-08	-3.14E-07	-6.93E-08	-4.32E-08	-6.85E-08	-1.21E-08	-1.71E-08	-5.37E-07
1553	476368.71, 3849230.61	11.98116	-1.52E-03	-7.08E-04	-1.40E-03	-5.25E-07	-1.58E-06	-9.17E-07	-4.29E-07	-3.89E-07	-1.77E-07	-3.50E-07	-1.75E-08	-4.23E-07	-9.34E-08	-5.82E-08	-9.23E-08	-1.63E-08	-2.31E-08	-7.24E-07
1554	473295.03, 3846699.23	0.03568	-4.51E-06	-2.11E-06	-4.17E-06	-1.56E-09	-4.72E-09	-2.73E-09	-1.28E-09	-1.16E-09	-5.28E-10	-1.04E-09	-5.22E-11	-1.26E-09	-2.78E-10	-1.73E-10	-2.75E-10	-4.85E-11	-6.88E-11	-2.16E-09
1555	473295.03, 3846749.23	0.03991	-5.05E-06	-2.36E-06	-4.66E-06	-1.75E-09	-5.28E-09	-3.06E-09	-1.43E-09	-1.29E-09	-5.91E-10	-1.17E-09	-5.84E-11	-1.41E-09	-3.11E-10	-1.94E-10	-3.08E-10	-5.42E-11	-7.69E-11	-2.41E-09
1556	473295.03, 3846799.23	0.04367	-5.52E-06	-2.58E-06	-5.10E-06	-1.91E-09	-5.77E-09	-3.34E-09	-1.56E-09	-1.42E-09	-6.46E-10	-1.28E-09	-6.39E-11	-1.54E-09	-3.40E-10	-2.12E-10	-3.37E-10	-5.93E-11	-8.42E-11	-2.64E-09
1557	473295.03, 3846849.23	0.04902	-6.20E-06	-2.90E-06	-5.72E-06	-2.15E-09	-6.48E-09	-3.75E-09	-1.75E-09	-1.59E-09	-7.25E-10	-1.43E-09	-7.17E-11	-1.73E-09	-3.82E-10	-2.38E-10	-3.78E-10	-6.66E-11	-9.45E-11	-2.96E-09
1558	473295.03, 3846899.23	0.05452	-6.90E-06	-3.22E-06	-6.37E-06	-2.39E-09	-7.21E-09	-4.17E-09	-1.95E-09	-1.77E-09	-8.07E-10	-1.59E-09	-7.97E-11	-1.93E-09	-4.25E-10	-2.65E-10	-4.20E-10	-7.40E-11	-1.05E-10	-3.29E-09
1559	473295.03, 3846949.23	0.06095	-7.71E-06	-3.60E-06	-7.12E-06	-2.67E-09	-8.06E-09	-4.67E-09	-2.18E-09	-1.98E-09	-9.02E-10	-1.78E-09	-8.91E-11	-2.15E-09	-4.75E-10	-2.96E-10	-4.70E-10	-8.28E-11	-1.18E-10	-3.68E-09
1560	473295.03, 3846999.23	0.06802	-8.61E-06	-4.02E-06	-7.94E-06	-2.98E-09	-8.99E-09	-5.21E-09	-2.43E-09	-2.21E-09	-1.01E-09	-1.99E-09	-9.95E-11	-2.40E-09	-5.30E-10	-3.30E-10	-5.24E-10	-9.24E-11	-1.31E-10	-4.11E-09
1561	473295.03, 3847049.23	0.07446	-9.42E-06	-4.40E-06	-8.70E-06	-3.26E-09	-9.85E-09	-5.70E-09	-2.66E-09	-2.42E-09	-1.10E-09	-2.18E-09	-1.09E-10	-2.63E-09	-5.80E-10	-3.62E-10	-5.74E-10	-1.01E-10	-1.44E-10	-4.50E-09
1562	473295.03, 3847099.23	0.08198	-1.04E-05	-4.85E-06	-9.57E-06	-3.59E-09	-1.08E-08	-6.28E-09	-2.93E-09	-2.66E-09	-1.21E-09	-2.40E-09	-1.20E-10	-2.90E-09	-6.39E-10	-3.98E-10	-6.32E-10	-1.11E-10	-1.58E-10	-4.95E-09
1563	473295.03, 3847149.23	0.09153	-1.16E-05	-5.41E-06	-1.07E-05	-4.01E-09	-1.21E-08	-7.01E-09	-3.27E-09	-2.97E-09	-1.35E-09	-2.68E-09	-1.34E-10	-3.23E-09	-7.13E-10	-4.45E-10	-7.05E-10	-1.24E-10	-1.76E-10	-5.53E-09
1564	473295.03, 3847199.23	0.10668	-1.35E-05	-6.31E-06	-1.25E-05	-4.67E-09	-1.41E-08	-8.17E-09	-3.82E-09	-3.46E-09	-1.58E-09	-3.12E-09	-1.56E-10	-3.77E-09	-8.32E-10	-5.18E-10	-8.22E-10	-1.45E-10	-2.06E-10	-6.45E-09
1565	473345.03, 3846699.23	0.03583	-4.53E-06	-2.12E-06	-4.18E-06	-1.57E-09	-4.74E-09	-2.74E-09	-1.28E-09	-1.16E-09	-5.30E-10	-1.05E-09	-5.24E-11	-1.27E-09	-2.79E-10	-1.74E-10	-2.76E-10	-4.87E-11	-6.91E-11	-2.17E-09
1566	473345.03, 3846749.23	0.03929	-4.97E-06	-2.32E-06	-4.59E-06	-1.72E-09	-5.20E-09	-3.01E-09	-1.41E-09	-1.27E-09	-5.81E-10	-1.15E-09	-5.75E-11	-1.39E-09	-3.06E-10	-1.91E-10	-3.03E-10	-5.34E-11	-7.57E-11	-2.37E-09
1567	473345.03, 3846799.23	0.04315	-5.46E-06	-2.55E-06	-5.04E-06	-1.89E-09	-5.71E-09	-3.30E-09	-1.54E-09	-1.40E-09	-6.39E-10	-1.26E-09	-6.31E-11	-1.52E-09	-3.36E-10	-2.10E-10	-3.33E-10	-5.86E-11	-8.32E-11	-2.61E-09
1568	473345.03, 3846849.23	0.04844	-6.13E-06	-2.86E-06	-5.66E-06	-2.12E-09	-6.41E-09	-3.71E-09	-1.73E-09	-1.57E-09	-7.17E-10	-1.42E-09	-7.08E-11	-1.71E-09	-3.78E-10	-2.35E-10	-3.73E-10	-6.58E-11	-9.34E-11	-2.93E-09
1569	473345.03, 3846899.23	0.05329	-6.74E-06	-3.15E-06	-6.22E-06	-2.33E-09	-7.05E-09	-4.08E-09	-1.91E-09	-1.73E-09	-7.89E-10	-1.56E-09	-7.79E-11	-1.88E-09	-4.15E-10	-2.59E-10	-4.11E-10	-7.24E-11	-1.03E-10	-3.22E-09
1570	473345.03, 3846949.23	0.05974	-7.56E-06	-3.53E-06	-6.98E-06	-2.62E-09	-7.90E-09	-4.57E-09	-2.14E-09	-1.94E-09	-8.84E-10	-1.75E-09	-8.74E-11	-2.11E-09	-4.66E-10	-2.90E-10	-4.60E-10	-8.11E-11	-1.15E-10	-3.61E-09
1571	473345.03, 3846999.23	0.0678	-8.58E-06	-4.01E-06	-7.92E-06	-2.97E-09	-8.97E-09	-5.19E-09	-2.43E-09	-2.20E-09	-1.00E-09	-1.98E-09	-9.92E-11	-2.40E-09	-5.28E-10	-3.29E-10	-5.22E-10	-9.21E-11	-1.31E-10	-4.10E-09
1572	473345.03, 3847049.23	0.07536	-9.53E-06	-4.46E-06	-8.80E-06	-3.30E-09	-9.97E-09	-5.77E-09	-2.70E-09	-2.44E-09	-1.12E-09	-2.20E-09	-1.10E-10	-2.66E-09	-5.87E-10	-3.66E-10	-5.81E-10	-1.02E-10	-1.45E-10	-4.55E-09
1573	473345.03, 3847099.23	0.0832	-1.05E-05	-4.92E-06	-9.72E-06	-3.64E-09	-1.10E-08	-6.37E-09	-2.98E-09	-2.70E-09	-1.23E-09	-2.43E-09	-1.22E-10	-2.94E-09	-6.49E-10	-4.04E-10	-6.41E-10	-1.13E-10	-1.60E-10	-5.03E-09
1574	473345.03, 3847149.23	0.09513	-1.20E-05	-5.63E-06	-1.11E-05	-4.17E-09	-1.26E-08	-7.28E-09	-3.40E-09	-3.09E-09	-1.41E-09	-2.78E-09	-1.39E-10	-3.36E-09	-7.42E-10	-4.62E-10	-7.33E-10	-1.29E-10	-1.83E-10	-5.75E-09
1575	473345.03, 3847199.23	0.10485	-1.33E-05	-6.20E-06	-1.22E-05	-4.59E-09	-1.39E-08	-8.03E-09	-3.75E-09	-3.40E-09	-1.55E-09	-3.06E-09	-1.53E-10	-3.70E-09	-8.17E-10	-5.09E-10	-8.08E-10	-1.42E-10	-2.02E-10	-6.34E-09
1576	473395.03, 3846699.23	0.03529	-4.46E-06	-2.09E-06	-4.12E-06	-1.55E-09	-4.67E-09	-2.70E-09	-1.26E-09	-1.14E-09	-5.22E-10	-1.03E-09	-5.16E-11	-1.25E-09	-2.75E-10	-1.71E-10	-2.72E-10	-4.79E-11	-6.80E-11	-2.13E-09
1577	473395.03, 3846749.23	0.03906	-4.94E-06	-2.31E-06	-4.56E-06	-1.71E-09	-5.17E-09	-2.99E-09	-1.40E-09	-1.27E-09	-5.78E-10	-1.14E-09	-5.71E-11	-1.38E-09	-3.04E-10	-1.90E-10	-3.01E-10	-5.31E-11	-7.53E-11	-2.36E-09
1578	473395.03, 3846799.23	0.0437	-5.53E-06	-2.58E-06	-5.10E-06	-1.91E-09	-5.78E-09	-3.35E-09	-1.56E-09	-1.42E-09	-6.47E-10	-1.28E-09	-6.39E-11	-1.54E-09	-3.41E-10	-2.12E-10	-3.37E-10	-5.94E-11	-8.42E-11	-2.64E-09
1579	473395.03, 3846849.23	0.04812	-6.09E-06	-2.85E-06	-5.62E-06	-2.11E-09	-6.36E-09	-3.68E-09	-1.72E-09	-1.56E-09	-7.12E-10	-1.41E-09	-7.04E-11	-1.70E-09	-3.75E-10	-2.34E-10	-3.71E-10	-6.54E-11	-9.28E-11	-2.91E-09
1580	473395.03, 3846899.23	0.05352	-6.77E-06	-3.16E-06	-6.25E-06	-2.34E-09	-7.08E-09	-4.10E-09	-1.91E-09	-1.74E-09	-7.92E-10	-1.56E-09	-7.83E-11	-1.89E-09	-4.17E-10	-2.60E-10	-4.12E-10	-7.27E-11	-1.03E-10	-3.23E-09
1581	473395.03, 3846949.23	0.05963	-7.54E-06	-3.53E-06	-6.96E-06	-2.61E-09	-7.89E-09	-4.56E-09	-2.13E-09	-1.93E-09	-8.83E-10	-1.74E-09	-8.72E-11	-2.11E-09	-4.65E-10	-2.90E-10	-4.60E-10	-8.10E-11	-1.15E-10	-3.60E-09
1582	473395.03, 3846999.23	0.0668	-8.45E-06	-3.95E-06	-7.80E-06	-2.93E-09	-8.83E-09	-5.11E-09	-2.39E-09	-2.17E-09	-9.89E-10	-1.95E-09	-9.77E-11	-2.36E-09	-5.21E-10	-3.25E-10	-5.15E-10	-9.07E-11	-1.29E-10	-4.04E-09
1583	473395.03, 3847049.23	0.07504	-9.49E-06	-4.44E-06	-8.76E-06	-3.29E-09	-9.92E-09	-5.74E-09	-2.68E-09	-2.43E-09	-1.11E-09	-2.19E-09	-1.10E-10	-2.65E-09	-5.85E-10	-3.65E-10	-5.78E-10	-1.02E-10	-1.45E-10	-4.53E-09
1584	473395.03, 3847099.23	0.08383	-1.06E-05	-4.96E-06	-9.79E-06	-3.67E-09	-1.11E-08	-6.42E-09	-3.00E-09	-2.72E-09	-1.24E-09	-2.45E-09	-1.23E-10	-2.96E-09	-6.53E-10	-4.07E-10	-6.46E-10	-1.14E-10	-1.62E-10	-5.07E-09
1585	473395.03, 3847149.23	0.09203	-1.16E-05	-5.44E-06	-1.07E-05	-4.03E-09	-1.22E-08	-7.04E-09	-3.29E-09	-2.98E-09	-1.36E-09	-2.69E-09	-1.35E-10	-3.25E-09	-7.17E-10	-4.47E-10	-7.09E-10	-1.25E-10	-1.77E-10	-5.56E-09
1586	473395.03, 3847199.23	0.10893	-1.38E-05	-6.44E-06	-1.27E-05	-4.77E-09	-1.44E-08	-8.34E-09	-3.90E-09	-3.53E-09	-1.61E-09	-3.18E-09	-1.59E-10	-3.85E-09	-8.49E-10	-5.29E-10	-8.39E-10	-1.48E-10	-2.10E-10	-6.58E-09
1587	473395.03, 3847249.23	0.135	-1.71E-05	-7.98E-06	-1.58E-05	-5.91E-09	-1.79E-08	-1.03E-08	-4.83E-09	-4.38E-09	-2.00E-09	-3.95E-09	-1.97E-10	-4.77E-09	-1.05E-09	-6.56E-10	-1.04E-09	-1.83E-10	-2.60E-10	-8.16E-09
1588	473445.03, 3846699.23	0.03624	-4.58E-06	-2.14E-06	-4.23E-06	-1.59E-09	-4.79E-09	-2.77E-09	-1.30E-09	-1.18E-09	-5.36E-10	-1.06E-09	-5.30E-11	-1.28E-09	-2.82E-10	-1.76E-10	-2.79E-10	-4.92E-11	-6.99E-11	-2.19E-09
1589	473445.03, 3846749.23	0.04017	-5.08E-06	-2.38E-06	-4.69E-06	-1.76E-09	-5.31E-09	-3.07E-09	-1.44E-09	-1.30E-09	-5.95E-10	-1.17E-09	-5.87E-11	-1.42E-09	-3.13E-10	-1.95E-10	-3.10E-10	-5.46E-11	-7.74E-11	-2.43E-09
1590	473445.03, 3846799.23	0.04425	-5.60E-06	-2.62E-06	-5.17E-06	-1.94E-09	-5.85E-09	-3.39E-09	-1.58E-09	-1.44E-09	-6.55E-10	-1.29E-09	-6.47E-11	-1.56E-09	-3.45E-10	-2.15E-10	-3.41E-10	-6.01E-11	-8.53E-11	-2.67E-09
1591	473445.03, 3846849.23	0.04882	-6.18E-06	-2.89E-06	-5.70E-06	-2.14E-09	-6.46E-09	-3.74E-09	-1.75E-09	-1.58E-09	-7.23E-10	-1.43E-09	-7.14E-11	-1.72E-09	-3.81E-10	-2.37E-10	-3.76E-10	-6.63E-11	-9.41E-11	-2.95E-09
1592	473445.03, 3846899.23	0.05291	-6.69E-06	-3.13E-06	-6.18E-06	-2.32E-09	-7.00E-09	-4.05E-09	-1.89E-09	-1.72E-09	-7.83E-10	-1.55E-09	-7.74E-11	-1.87E-09	-4.12E-10	-2.57E-10	-4.08E-10	-7.19E-11	-1.02E-10	-3.20E-09
1593	473445.03, 3846949.23	0.05856	-7.41E-06	-3.46E-06	-6.84E-06	-2.56E-09	-7.74E-09	-4.48E-09	-2.10E-09	-1.90E-09	-8.67E-10	-1.71E-09	-8.56E-11	-2.07E-09	-4.56E-10	-2.84E-10	-4.51E-10	-7.95E-11	-1.13E-10	-3.54E-09
1594	473445.03, 3846999.23	0.06568	-8.31E-06	-3.88E-06	-7.67E-06	-2.88E-09	-8.69E-09	-5.03E-09	-2.35E-09	-2.13E-09	-9.72E-10	-1.92E-09	-9.61E-11	-2.32E-09	-5.12E-10	-3.19E-10	-5.06E-10	-8.92E-11	-1.27E-10	-3.97E-09
1595	473445.03, 3847049.23	0.0743	-9.40E-06	-4.39E-06	-8.68E-06	-3.25E-09	-9.82E-09	-5.69E-09	-2.66E-09	-2.41E-09	-1.10E-09	-2.17E-09	-1.09E-10	-2.62E-09	-5.79E-10	-3.61E-10	-5.73E-10	-1.01E-10	-1.43E-10	-4.49E-09

1596	473445.03, 3847099.23	0.08368	-1.06E-05	-4.95E-06	-9.77E-06	-3.66E-09	-1.11E-08	-6.41E-09	-2.99E-09	-2.71E-09	-1.24E-09	-2.45E-09	-1.22E-10	-2.96E-09	-6.52E-10	-4.07E-10	-6.45E-10	-1.14E-10	-1.61E-10	-5.06E-09
1597	473445.03, 3847149.23	0.0956	-1.21E-05	-5.65E-06	-1.12E-05	-4.19E-09	-1.26E-08	-7.32E-09	-3.42E-09	-3.10E-09	-1.41E-09	-2.79E-09	-1.40E-10	-3.38E-09	-7.45E-10	-4.64E-10	-7.37E-10	-1.30E-10	-1.84E-10	-5.78E-09
1598	473445.03, 3847199.23	0.11189	-1.42E-05	-6.62E-06	-1.31E-05	-4.90E-09	-1.48E-08	-8.57E-09	-4.00E-09	-3.63E-09	-1.66E-09	-3.27E-09	-1.64E-10	-3.95E-09	-8.72E-10	-5.44E-10	-8.62E-10	-1.52E-10	-2.16E-10	-6.76E-09
1599	473445.03, 3847249.23	0.14138	-1.79E-05	-8.36E-06	-1.65E-05	-6.19E-09	-1.87E-08	-1.08E-08	-5.06E-09	-4.59E-09	-2.09E-09	-4.13E-09	-2.07E-10	-4.99E-09	-1.10E-09	-6.87E-10	-1.09E-09	-1.92E-10	-2.73E-10	-8.54E-09
1600	473495.03, 3846699.23	0.03757	-4.75E-06	-2.22E-06	-4.39E-06	-1.65E-09	-4.97E-09	-2.88E-09	-1.34E-09	-1.22E-09	-5.56E-10	-1.10E-09	-5.49E-11	-1.33E-09	-2.93E-10	-1.83E-10	-2.90E-10	-5.10E-11	-7.24E-11	-2.27E-09
1601	473495.03, 3846749.23	0.04082	-5.16E-06	-2.41E-06	-4.77E-06	-1.79E-09	-5.40E-09	-3.12E-09	-1.46E-09	-1.32E-09	-6.04E-10	-1.19E-09	-5.97E-11	-1.44E-09	-3.18E-10	-1.98E-10	-3.15E-10	-5.54E-11	-7.87E-11	-2.47E-09
1602	473495.03, 3846799.23	0.04454	-5.63E-06	-2.63E-06	-5.20E-06	-1.95E-09	-5.89E-09	-3.41E-09	-1.59E-09	-1.44E-09	-6.59E-10	-1.30E-09	-6.51E-11	-1.57E-09	-3.47E-10	-2.16E-10	-3.43E-10	-6.05E-11	-8.59E-11	-2.69E-09
1603	473495.03, 3846849.23	0.04916	-6.22E-06	-2.91E-06	-5.74E-06	-2.15E-09	-6.50E-09	-3.76E-09	-1.76E-09	-1.59E-09	-7.28E-10	-1.44E-09	-7.19E-11	-1.74E-09	-3.83E-10	-2.39E-10	-3.79E-10	-6.68E-11	-9.48E-11	-2.97E-09
1604	473495.03, 3846899.23	0.05412	-6.85E-06	-3.20E-06	-6.32E-06	-2.37E-09	-7.16E-09	-4.14E-09	-1.94E-09	-1.76E-09	-8.01E-10	-1.58E-09	-7.91E-11	-1.91E-09	-4.22E-10	-2.63E-10	-4.17E-10	-7.35E-11	-1.04E-10	-3.27E-09
1605	473495.03, 3846949.23	0.05928	-7.50E-06	-3.51E-06	-6.92E-06	-2.60E-09	-7.84E-09	-4.54E-09	-2.12E-09	-1.92E-09	-8.77E-10	-1.73E-09	-8.67E-11	-2.09E-09	-4.62E-10	-2.88E-10	-4.57E-10	-8.05E-11	-1.14E-10	-3.58E-09
1606	473495.03, 3846999.23	0.06605	-8.36E-06	-3.91E-06	-7.71E-06	-2.89E-09	-8.73E-09	-5.06E-09	-2.36E-09	-2.14E-09	-9.78E-10	-1.93E-09	-9.66E-11	-2.33E-09	-5.15E-10	-3.21E-10	-5.09E-10	-8.97E-11	-1.27E-10	-3.99E-09
1607	473495.03, 3847049.23	0.0731	-9.25E-06	-4.32E-06	-8.54E-06	-3.20E-09	-9.67E-09	-5.60E-09	-2.62E-09	-2.37E-09	-1.08E-09	-2.14E-09	-1.07E-10	-2.58E-09	-5.70E-10	-3.55E-10	-5.63E-10	-9.93E-11	-1.41E-10	-4.42E-09
1608	473495.03, 3847099.23	0.08364	-1.06E-05	-4.95E-06	-9.77E-06	-3.66E-09	-1.11E-08	-6.40E-09	-2.99E-09	-2.71E-09	-1.24E-09	-2.44E-09	-1.22E-10	-2.95E-09	-6.52E-10	-4.06E-10	-6.45E-10	-1.14E-10	-1.61E-10	-5.05E-09
1609	473495.03, 3847149.23	0.09725	-1.23E-05	-5.75E-06	-1.14E-05	-4.26E-09	-1.29E-08	-7.44E-09	-3.48E-09	-3.15E-09	-1.44E-09	-2.84E-09	-1.42E-10	-3.44E-09	-7.58E-10	-4.72E-10	-7.49E-10	-1.32E-10	-1.87E-10	-5.88E-09
1610	473495.03, 3847199.23	0.11353	-1.44E-05	-6.71E-06	-1.33E-05	-4.97E-09	-1.50E-08	-8.69E-09	-4.06E-09	-3.68E-09	-1.68E-09	-3.32E-09	-1.66E-10	-4.01E-09	-8.85E-10	-5.52E-10	-8.75E-10	-1.54E-10	-2.19E-10	-6.86E-09
1611	473495.03, 3847249.23	0.14205	-1.80E-05	-8.40E-06	-1.66E-05	-6.22E-09	-1.88E-08	-1.09E-08	-5.08E-09	-4.61E-09	-2.10E-09	-4.15E-09	-2.08E-10	-5.02E-09	-1.11E-09	-6.90E-10	-1.09E-09	-1.93E-10	-2.74E-10	-8.58E-09
1612	473495.03, 3847299.23	0.1863	-2.36E-05	-1.10E-05	-2.18E-05	-8.16E-09	-2.46E-08	-1.43E-08	-6.67E-09	-6.04E-09	-2.76E-09	-5.45E-09	-2.72E-10	-6.58E-09	-1.45E-09	-9.05E-10	-1.44E-09	-2.53E-10	-3.59E-10	-1.13E-08
1613	473545.03, 3846699.23	0.03868	-4.89E-06	-2.29E-06	-4.52E-06	-1.69E-09	-5.11E-09	-2.96E-09	-1.38E-09	-1.25E-09	-5.72E-10	-1.13E-09	-5.66E-11	-1.37E-09	-3.02E-10	-1.88E-10	-2.98E-10	-5.25E-11	-7.46E-11	-2.34E-09
1614	473545.03, 3846749.23	0.04144	-5.24E-06	-2.45E-06	-4.84E-06	-1.81E-09	-5.48E-09	-3.17E-09	-1.48E-09	-1.34E-09	-6.13E-10	-1.21E-09	-6.06E-11	-1.46E-09	-3.23E-10	-2.01E-10	-3.19E-10	-5.63E-11	-7.99E-11	-2.50E-09
1615	473545.03, 3846799.23	0.0454	-5.74E-06	-2.68E-06	-5.30E-06	-1.99E-09	-6.00E-09	-3.48E-09	-1.62E-09	-1.47E-09	-6.72E-10	-1.33E-09	-6.64E-11	-1.60E-09	-3.54E-10	-2.21E-10	-3.50E-10	-6.17E-11	-8.75E-11	-2.74E-09
1616	473545.03, 3846849.23	0.04918	-6.22E-06	-2.91E-06	-5.74E-06	-2.15E-09	-6.50E-09	-3.76E-09	-1.76E-09	-1.60E-09	-7.28E-10	-1.44E-09	-7.19E-11	-1.74E-09	-3.83E-10	-2.39E-10	-3.79E-10	-6.68E-11	-9.48E-11	-2.97E-09
1617	473545.03, 3846899.23	0.05466	-6.92E-06	-3.23E-06	-6.38E-06	-2.39E-09	-7.23E-09	-4.18E-09	-1.96E-09	-1.77E-09	-8.09E-10	-1.60E-09	-7.99E-11	-1.93E-09	-4.26E-10	-2.66E-10	-4.21E-10	-7.42E-11	-1.05E-10	-3.30E-09
1618	473545.03, 3846949.23	0.0607	-7.68E-06	-3.59E-06	-7.09E-06	-2.66E-09	-8.03E-09	-4.65E-09	-2.17E-09	-1.97E-09	-8.98E-10	-1.77E-09	-8.88E-11	-2.14E-09	-4.73E-10	-2.95E-10	-4.68E-10	-8.24E-11	-1.17E-10	-3.67E-09
1619	473545.03, 3846999.23	0.06735	-8.52E-06	-3.98E-06	-7.87E-06	-2.95E-09	-8.91E-09	-5.16E-09	-2.41E-09	-2.18E-09	-9.97E-10	-1.97E-09	-9.85E-11	-2.38E-09	-5.25E-10	-3.27E-10	-5.19E-10	-9.15E-11	-1.30E-10	-4.07E-09
1620	473545.03, 3847049.23	0.07584	-9.59E-06	-4.48E-06	-8.86E-06	-3.32E-09	-1.00E-08	-5.81E-09	-2.71E-09	-2.46E-09	-1.12E-09	-2.22E-09	-1.11E-10	-2.68E-09	-5.91E-10	-3.68E-10	-5.84E-10	-1.03E-10	-1.46E-10	-4.58E-09
1621	473545.03, 3847099.23	0.08442	-1.07E-05	-4.99E-06	-9.86E-06	-3.70E-09	-1.12E-08	-6.46E-09	-3.02E-09	-2.74E-09	-1.25E-09	-2.47E-09	-1.23E-10	-2.98E-09	-6.58E-10	-4.10E-10	-6.51E-10	-1.15E-10	-1.63E-10	-5.10E-09
1622	473545.03, 3847149.23	0.09997	-1.26E-05	-5.91E-06	-1.17E-05	-4.38E-09	-1.32E-08	-7.65E-09	-3.58E-09	-3.24E-09	-1.48E-09	-2.92E-09	-1.46E-10	-3.53E-09	-7.79E-10	-4.86E-10	-7.70E-10	-1.36E-10	-1.93E-10	-6.04E-09
1623	473545.03, 3847199.23	0.11982	-1.52E-05	-7.09E-06	-1.40E-05	-5.25E-09	-1.58E-08	-9.17E-09	-4.29E-09	-3.89E-09	-1.77E-09	-3.50E-09	-1.75E-10	-4.23E-09	-9.34E-10	-5.82E-10	-9.23E-10	-1.63E-10	-2.31E-10	-7.24E-09
1624	473545.03, 3847249.23	0.14288	-1.81E-05	-8.45E-06	-1.67E-05	-6.26E-09	-1.89E-08	-1.09E-08	-5.11E-09	-4.63E-09	-2.11E-09	-4.18E-09	-2.09E-10	-5.05E-09	-1.11E-09	-6.94E-10	-1.10E-09	-1.94E-10	-2.75E-10	-8.63E-09
1625	473545.03, 3847299.23	0.1943	-2.46E-05	-1.15E-05	-2.27E-05	-8.51E-09	-2.57E-08	-1.49E-08	-6.95E-09	-6.30E-09	-2.88E-09	-5.68E-09	-2.84E-10	-6.86E-09	-1.51E-09	-9.44E-10	-1.50E-09	-2.64E-10	-3.75E-10	-1.17E-08
1626	473595.03, 3846699.23	0.03984	-5.04E-06	-2.36E-06	-4.65E-06	-1.74E-09	-5.27E-09	-3.05E-09	-1.43E-09	-1.29E-09	-5.90E-10	-1.16E-09	-5.83E-11	-1.41E-09	-3.11E-10	-1.94E-10	-3.07E-10	-5.41E-11	-7.68E-11	-2.41E-09
1627	473595.03, 3846749.23	0.04273	-5.41E-06	-2.53E-06	-4.99E-06	-1.87E-09	-5.65E-09	-3.27E-09	-1.53E-09	-1.39E-09	-6.32E-10	-1.25E-09	-6.25E-11	-1.51E-09	-3.33E-10	-2.08E-10	-3.29E-10	-5.80E-11	-8.24E-11	-2.58E-09
1628	473595.03, 3846799.23	0.04622	-5.85E-06	-2.73E-06	-5.40E-06	-2.02E-09	-6.11E-09	-3.54E-09	-1.65E-09	-1.50E-09	-6.84E-10	-1.35E-09	-6.76E-11	-1.63E-09	-3.60E-10	-2.25E-10	-3.56E-10	-6.28E-11	-8.91E-11	-2.79E-09
1629	473595.03, 3846849.23	0.05108	-6.46E-06	-3.02E-06	-5.97E-06	-2.24E-09	-6.75E-09	-3.91E-09	-1.83E-09	-1.66E-09	-7.56E-10	-1.49E-09	-7.47E-11	-1.80E-09	-3.98E-10	-2.48E-10	-3.94E-10	-6.94E-11	-9.85E-11	-3.09E-09
1630	473595.03, 3846899.23	0.0555	-7.02E-06	-3.28E-06	-6.48E-06	-2.43E-09	-7.34E-09	-4.25E-09	-1.99E-09	-1.80E-09	-8.21E-10	-1.62E-09	-8.12E-11	-1.96E-09	-4.33E-10	-2.70E-10	-4.28E-10	-7.54E-11	-1.07E-10	-3.35E-09
1631	473595.03, 3846949.23	0.06259	-7.92E-06	-3.70E-06	-7.31E-06	-2.74E-09	-8.28E-09	-4.79E-09	-2.24E-09	-2.03E-09	-9.26E-10	-1.83E-09	-9.15E-11	-2.21E-09	-4.88E-10	-3.04E-10	-4.82E-10	-8.50E-11	-1.21E-10	-3.78E-09
1632	473595.03, 3846999.23	0.06883	-8.71E-06	-4.07E-06	-8.04E-06	-3.01E-09	-9.10E-09	-5.27E-09	-2.46E-09	-2.23E-09	-1.02E-09	-2.01E-09	-1.01E-10	-2.43E-09	-5.37E-10	-3.34E-10	-5.30E-10	-9.35E-11	-1.33E-10	-4.16E-09
1633	473595.03, 3847049.23	0.07749	-9.80E-06	-4.58E-06	-9.05E-06	-3.39E-09	-1.02E-08	-5.93E-09	-2.77E-09	-2.51E-09	-1.15E-09	-2.26E-09	-1.13E-10	-2.74E-09	-6.04E-10	-3.76E-10	-5.97E-10	-1.05E-10	-1.49E-10	-4.68E-09
1634	473595.03, 3847099.23	0.0889	-1.12E-05	-5.26E-06	-1.04E-05	-3.89E-09	-1.18E-08	-6.81E-09	-3.18E-09	-2.88E-09	-1.32E-09	-2.60E-09	-1.30E-10	-3.14E-09	-6.93E-10	-4.32E-10	-6.85E-10	-1.21E-10	-1.71E-10	-5.37E-09
1635	473595.03, 3847149.23	0.10312	-1.30E-05	-6.10E-06	-1.20E-05	-4.52E-09	-1.36E-08	-7.89E-09	-3.69E-09	-3.34E-09	-1.53E-09	-3.01E-09	-1.51E-10	-3.64E-09	-8.04E-10	-5.01E-10	-7.95E-10	-1.40E-10	-1.99E-10	-6.23E-09
1636	473595.03, 3847199.23	0.12532	-1.59E-05	-7.41E-06	-1.46E-05	-5.49E-09	-1.66E-08	-9.59E-09	-4.48E-09	-4.06E-09	-1.85E-09	-3.66E-09	-1.83E-10	-4.43E-09	-9.77E-10	-6.09E-10	-9.66E-10	-1.70E-10	-2.42E-10	-7.57E-09
1637	473595.03, 3847249.23	0.1552	-1.96E-05	-9.18E-06	-1.81E-05	-6.80E-09	-2.05E-08	-1.19E-08	-5.55E-09	-5.03E-09	-2.30E-09	-4.54E-09	-2.27E-10	-5.48E-09	-1.21E-09	-7.54E-10	-1.20E-09	-2.11E-10	-2.99E-10	-9.38E-09
1638	473595.03, 3847299.23	0.20366	-2.58E-05	-1.20E-05	-2.38E-05	-8.92E-09	-2.69E-08	-1.56E-08	-7.29E-09	-6.61E-09	-3.01E-09	-5.95E-09	-2.98E-10	-7.19E-09	-1.59E-09	-9.89E-10	-1.57E-09	-2.77E-10	-3.93E-10	-1.23E-08
1639	473645.03, 3846699.23	0.04113	-5.20E-06	-2.43E-06	-4.80E-06	-1.80E-09	-5.44E-09	-3.15E-09	-1.47E-09	-1.33E-09	-6.09E-10	-1.20E-09	-6.01E-11	-1.45E-09	-3.21E-10	-2.00E-10	-3.17E-10	-5.59E-11	-7.93E-11	-2.49E-09
1640	473645.03, 3846749.23	0.04428	-5.60E-06	-2.62E-06	-5.17E-06	-1.94E-09	-5.86E-09	-3.39E-09	-1.58E-09	-1.44E-09	-6.55E-10	-1.29E-09	-6.48E-11	-1.56E-09	-3.45E-10	-2.15E-10	-3.41E-10	-6.01E-11	-8.54E-11	-2.68E-09
1641	473645.03, 3846799.23	0.04808	-6.08E-06	-2.84E-06	-5.61E-06	-2.11E-09	-6.36E-09	-3.68E-09	-1.72E-09	-1.56E-09	-7.12E-10	-1.41E-09	-7.03E-11	-1.70E-09	-3.75E-10	-2.34E-10	-3.71E-10	-6.53E-11	-9.27E-11	-2.91E-09
1642	473645.03, 3846849.23	0.05312	-6.72E-06	-3.14E-06	-6.20E-06	-2.33E-09	-7.02E-09	-4.07E-09	-1.90E-09	-1.72E-09	-7.86E-10	-1.55E-09	-7.77E-11	-1.88E-09	-4.14E-10	-2.58E-10	-4.09E-10	-7.21E-11	-1.02E-10	-3.21E-09
1643	473645.03, 3846899.23	0.0583	-7.38E-06	-3.45E-06	-6.81E-06	-2.55E-09	-7.71E-09	-4.46E-09	-2.09E-09	-1.89E-09	-8.63E-10	-1.70E-09	-8.53E-11	-2.06E-09	-4.54E-10	-2.83E-10	-4.49E-10	-7.92E-11	-1.12E-10	-3.52E-09
1644	473645.03, 3846949.23	0.06512	-8.24E-06	-3.85E-06	-7.60E-06	-2.85E-09	-8.61E-09	-4.98E-09	-2.33E-09	-2.11E-09	-9.64E-10	-1.90E-09	-9.52E-11	-2.30E-09	-5.08E-10	-3.16E-10	-5.02E-10	-8.84E-11	-1.26E-10	-3.94E-09
1645	473645.03, 3846999.23	0.07245	-9.17E-06	-4.28E-06	-8.46E-06	-3.17E-09	-9.58E-09	-5.55E-09	-2.59E-09	-2.35E-09	-1.07E-09	-2.12E-09	-1.06E-10	-2.56E-09	-5.65E-10	-3.52E-10	-5.58E-10	-9.84E-11	-1.40E-10	-4.38E-09
1646	473645.03, 3847049.23	0.08136	-1.03E-05	-4.81E-06	-9.50E-06	-3.56E-09	-1.08E-08	-6.23E-09	-2.91E-09	-2.64E-09	-1.20E-09	-2.38E-09	-1.19E-10	-2.87E-09	-6.34E-10	-3.95E-10	-6.27E-10	-1.11E-10	-1.57E-10	-4.92E-09
1647	473645.03, 3847099.23	0.09323	-1.18E-05	-5.51E-06	-1.09E-05	-4.08E-09	-1.23E-08	-7.14E-09	-3.34E-09	-3.02E-09	-1.38E-09	-2.72E-09	-1.36E-10	-3.29E-09	-7.27E-10	-4.53E-10	-7.18E-10	-1.27E-10	-1.80E-10	-5.63E-09
1648	473645.03, 3847149.23	0.10869	-1.38E-05	-6.43E-06	-1.27E-05	-4.76E-09	-1.44E-08	-8.32E-09	-3.89E-09	-3.53E-09	-1.61E-09	-3.18E-09	-1.59E-10	-3.84E-09	-8.47E-10	-5.28E-10	-8.38E-10	-1.48E-10	-2.10E-10	-6.57E-09
1649	473645.03, 3847199.23	0.13138	-1.66E-05	-7.77E-06	-1.53E-05	-5.75E-09	-1.74E-08	-1.01E-08	-4.70E-09	-4.26E-09	-1.94E-09	-3.84E-09	-1.92E-10	-4.64E-09	-1.02E-09	-6.38E-10	-1.01E-09	-1.78E-10	-2.53E-10	-7.94E-09
1650	473645.03, 3847249.23	0.16535	-2.09E-05	-9.78E-06	-1.93E-05	-7.24E-09	-2.19E-08	-1.27E-08	-5.92E-09	-5.36E-09	-2.45E-09	-4.83E-09	-2.42E-10	-5.84E-09	-1.29E-09	-8.03E-10	-1.27E-09	-2.25E-10	-3.19E-10	-9.99E-09
1651	473645.03, 3847299.23	0.21696	-2.74E-05	-1.28E-05	-2.53E-05	-9.50E-09	-2.87E-08	-1.66E-08	-7.76E-09	-7.04E-09	-3.21E-09	-6.34E-09	-3.17E-10	-7.66E-09	-1.69E-09	-1.05E-09	-1.67E-09	-2.95E-10	-4.18E-10	-1.31E-08
1652	473645.03, 3847349.23	0.32413	-4.10E-05	-1.92E-05	-3.79E-05	-1.42E-08	-4.29E-08	-2.48E-08	-1.16E-08	-1.05E-08	-4.80E-09	-9.47E-09	-4.74E-10	-1.14E-08	-2.53E-09	-1.57E-09	-2.50E-09	-4.40E-10	-6.25E-10	-1.96E-08
1653	473695.03, 3846699.23	0.04276	-5.41E-06	-2.53E-06	-4.99E-06	-1.87E-09	-5.65E-09	-3.27E-09	-1.53E-09	-1.39E-09	-6.33E-10	-1.25E-09	-6.25E-11	-1.51E-09	-3.33E-10	-2.08E-10	-3.30E-10	-5.81E-11	-8.24E-11	-2.58E-09
1654	473695.03, 3846749.23	0.04614	-5.84E-06	-2.73E-06	-5.39E-06	-2.02E-09	-6.10E-09	-3.53E-09	-1.65E-09	-1.50E-09	-6.83E-10	-1.35E-09	-6.75E-11	-1.63E-09	-3.60E-10	-2.24E-10	-3.56E-10	-6.27E-11	-8.90E-11	-2.79E-09
1655	473695.03, 3846799.23	0.0503	-6.36E-06	-2.97E-06	-5.87E-06	-2.20E-09	-6.65E-09	-3.85E-09	-1.80E-09	-1.63E-09	-7.44E-10	-1.47E-09	-7.36E-11	-1.78E-09	-3.92E-10	-2.44E-10	-3.88E-10	-6.83E-11	-9.70E-11	-3.04E-09
1656	473695.03, 3846849.23	0.05541	-7.01E-06	-3.28E-06	-6.47E-06	-2.43E-09	-7.33E-09	-4.24E-09	-1.98E-09	-1.80E-09	-8.20E-10	-1.62E-09	-8.10E-11	-1.96E-09	-4.32E-10	-2.69E-10	-4.27E-10	-7.53E-11	-1.07E-10	-3.35E-09
1657	473695.03, 3846899.23	0.06089	-7.70E-06	-3.60E-06	-7.11E-06	-2.67E-09	-8.05E-09	-4.66E-09	-2.18E-09	-1.97E-09	-9.01E-10	-1.78E-09	-8.90E-11	-2.15E-09	-4.75E-10	-2.96E-10	-4.69E-10	-8.27E-11	-1.17E-10	-3.68E-09
1658	473695.03, 3846949.23	0.06827	-8.64E-06	-4.04E-06	-7.97E-06	-2.99E-09	-9.03E-09	-5.23E-09	-2.44E-09	-2.21E-09	-1.01E-09	-2.00E-09	-9.98E-11	-2.41E-09	-5.32E-10	-3.32E-10	-5.26E-10	-9.27E-11	-1.32E-10	-4.13E-09
1659	473695.03, 3846999.23	0.0766	-9.69E-06	-4.53E-06	-8.95E-06	-3.35E-09	-1.01E-08	-5.86E-09	-2.74E-09	-2.48E-09	-1.13E-09	-2.24E-09	-1.12E-10	-2.71E-09	-5.97E-10	-3.72E-10	-5.90E-10	-1.04E-10	-1.48E-10	-4.63E-09

1660	473695.03, 3847049.23	0.08694	-1.10E-05	-5.14E-06	-1.02E-05	-3.81E-09	-1.15E-08	-6.66E-09	-3.11E-09	-2.82E-09	-1.29E-09	-2.54E-09	-1.27E-10	-3.07E-09	-6.78E-10	-4.22E-10	-6.70E-10	-1.18E-10	-1.68E-10	-5.25E-09
1661	473695.03, 3847099.23	0.10031	-1.27E-05	-5.93E-06	-1.17E-05	-4.39E-09	-1.33E-08	-7.68E-09	-3.59E-09	-3.25E-09	-1.48E-09	-2.93E-09	-1.47E-10	-3.54E-09	-7.82E-10	-4.87E-10	-7.73E-10	-1.36E-10	-1.93E-10	-6.06E-09
1662	473695.03, 3847149.23	0.11693	-1.48E-05	-6.91E-06	-1.37E-05	-5.12E-09	-1.55E-08	-8.95E-09	-4.18E-09	-3.79E-09	-1.73E-09	-3.42E-09	-1.71E-10	-4.13E-09	-9.11E-10	-5.68E-10	-9.01E-10	-1.59E-10	-2.25E-10	-7.07E-09
1663	473695.03, 3847199.23	0.14004	-1.77E-05	-8.28E-06	-1.64E-05	-6.13E-09	-1.85E-08	-1.07E-08	-5.01E-09	-4.54E-09	-2.07E-09	-4.09E-09	-2.05E-10	-4.95E-09	-1.09E-09	-6.80E-10	-1.08E-09	-1.90E-10	-2.70E-10	-8.46E-09
1664	473695.03, 3847249.23	0.17568	-2.22E-05	-1.04E-05	-2.05E-05	-7.69E-09	-2.32E-08	-1.34E-08	-6.29E-09	-5.70E-09	-2.60E-09	-5.13E-09	-2.57E-10	-6.21E-09	-1.37E-09	-8.53E-10	-1.35E-09	-2.39E-10	-3.39E-10	-1.06E-08
1665	473695.03, 3847299.23	0.22786	-2.88E-05	-1.35E-05	-2.66E-05	-9.98E-09	-3.01E-08	-1.74E-08	-8.15E-09	-7.39E-09	-3.37E-09	-6.66E-09	-3.33E-10	-8.05E-09	-1.78E-09	-1.11E-09	-1.76E-09	-3.09E-10	-4.39E-10	-1.38E-08
1666	473695.03, 3847349.23	0.3294	-4.17E-05	-1.95E-05	-3.85E-05	-1.44E-08	-4.36E-08	-2.52E-08	-1.18E-08	-1.07E-08	-4.88E-09	-9.63E-09	-4.82E-10	-1.16E-08	-2.57E-09	-1.60E-09	-2.54E-09	-4.47E-10	-6.35E-10	-1.99E-08
1667	473745.03, 3846699.23	0.04382	-5.54E-06	-2.59E-06	-5.12E-06	-1.92E-09	-5.79E-09	-3.35E-09	-1.57E-09	-1.42E-09	-6.49E-10	-1.28E-09	-6.41E-11	-1.55E-09	-3.42E-10	-2.13E-10	-3.38E-10	-5.95E-11	-8.45E-11	-2.65E-09
1668	473745.03, 3846749.23	0.04781	-6.05E-06	-2.83E-06	-5.58E-06	-2.09E-09	-6.32E-09	-3.66E-09	-1.71E-09	-1.55E-09	-7.08E-10	-1.40E-09	-6.99E-11	-1.69E-09	-3.73E-10	-2.32E-10	-3.68E-10	-6.49E-11	-9.22E-11	-2.89E-09
1669	473745.03, 3846799.23	0.05237	-6.63E-06	-3.10E-06	-6.12E-06	-2.29E-09	-6.93E-09	-4.01E-09	-1.87E-09	-1.70E-09	-7.75E-10	-1.53E-09	-7.66E-11	-1.85E-09	-4.08E-10	-2.54E-10	-4.04E-10	-7.11E-11	-1.01E-10	-3.16E-09
1670	473745.03, 3846849.23	0.05788	-7.32E-06	-3.42E-06	-6.76E-06	-2.53E-09	-7.65E-09	-4.43E-09	-2.07E-09	-1.88E-09	-8.57E-10	-1.69E-09	-8.46E-11	-2.04E-09	-4.51E-10	-2.81E-10	-4.46E-10	-7.86E-11	-1.12E-10	-3.50E-09
1671	473745.03, 3846899.23	0.06385	-8.08E-06	-3.78E-06	-7.46E-06	-2.80E-09	-8.44E-09	-4.89E-09	-2.28E-09	-2.07E-09	-9.45E-10	-1.87E-09	-9.34E-11	-2.26E-09	-4.98E-10	-3.10E-10	-4.92E-10	-8.67E-11	-1.23E-10	-3.86E-09
1672	473745.03, 3846949.23	0.07199	-9.11E-06	-4.26E-06	-8.41E-06	-3.15E-09	-9.52E-09	-5.51E-09	-2.58E-09	-2.33E-09	-1.07E-09	-2.10E-09	-1.05E-10	-2.54E-09	-5.61E-10	-3.50E-10	-5.55E-10	-9.78E-11	-1.39E-10	-4.35E-09
1673	473745.03, 3846999.23	0.08137	-1.03E-05	-4.81E-06	-9.50E-06	-3.56E-09	-1.08E-08	-6.23E-09	-2.91E-09	-2.64E-09	-1.20E-09	-2.38E-09	-1.19E-10	-2.87E-09	-6.34E-10	-3.95E-10	-6.27E-10	-1.11E-10	-1.57E-10	-4.92E-09
1674	473745.03, 3847049.23	0.09276	-1.17E-05	-5.49E-06	-1.08E-05	-4.06E-09	-1.23E-08	-7.10E-09	-3.32E-09	-3.01E-09	-1.37E-09	-2.71E-09	-1.36E-10	-3.28E-09	-7.23E-10	-4.51E-10	-7.15E-10	-1.26E-10	-1.79E-10	-5.61E-09
1675	473745.03, 3847099.23	0.10651	-1.35E-05	-6.30E-06	-1.24E-05	-4.66E-09	-1.41E-08	-8.15E-09	-3.81E-09	-3.45E-09	-1.58E-09	-3.11E-09	-1.56E-10	-3.76E-09	-8.30E-10	-5.17E-10	-8.21E-10	-1.45E-10	-2.05E-10	-6.44E-09
1676	473745.03, 3847149.23	0.12419	-1.57E-05	-7.34E-06	-1.45E-05	-5.44E-09	-1.64E-08	-9.51E-09	-4.44E-09	-4.03E-09	-1.84E-09	-3.63E-09	-1.82E-10	-4.39E-09	-9.68E-10	-6.03E-10	-9.57E-10	-1.69E-10	-2.39E-10	-7.51E-09
1677	473745.03, 3847199.23	0.15065	-1.91E-05	-8.91E-06	-1.76E-05	-6.60E-09	-1.99E-08	-1.15E-08	-5.39E-09	-4.89E-09	-2.23E-09	-4.40E-09	-2.20E-10	-5.32E-09	-1.17E-09	-7.32E-10	-1.16E-09	-2.05E-10	-2.90E-10	-9.10E-09
1678	473745.03, 3847249.23	0.18784	-2.38E-05	-1.11E-05	-2.19E-05	-8.23E-09	-2.48E-08	-1.44E-08	-6.72E-09	-6.09E-09	-2.78E-09	-5.49E-09	-2.75E-10	-6.64E-09	-1.46E-09	-9.13E-10	-1.45E-09	-2.55E-10	-3.62E-10	-1.14E-08
1679	473745.03, 3847299.23	0.2391	-3.02E-05	-1.41E-05	-2.79E-05	-1.05E-08	-3.16E-08	-1.83E-08	-8.56E-09	-7.76E-09	-3.54E-09	-6.99E-09	-3.50E-10	-8.45E-09	-1.86E-09	-1.16E-09	-1.84E-09	-3.25E-10	-4.61E-10	-1.44E-08
1680	473745.03, 3847349.23	0.3218	-4.07E-05	-1.90E-05	-3.76E-05	-1.41E-08	-4.26E-08	-2.46E-08	-1.15E-08	-1.04E-08	-4.76E-09	-9.41E-09	-4.71E-10	-1.14E-08	-2.51E-09	-1.56E-09	-2.48E-09	-4.37E-10	-6.20E-10	-1.94E-08
1681	473745.03, 3847399.23	0.44412	-5.62E-05	-2.63E-05	-5.19E-05	-1.95E-08	-5.87E-08	-3.40E-08	-1.59E-08	-1.44E-08	-6.57E-09	-1.30E-08	-6.49E-10	-1.57E-08	-3.46E-09	-2.16E-09	-3.42E-09	-6.03E-10	-8.56E-10	-2.68E-08
1682	473795.03, 3846699.23	0.04498	-5.69E-06	-2.66E-06	-5.25E-06	-1.97E-09	-5.95E-09	-3.44E-09	-1.61E-09	-1.46E-09	-6.66E-10	-1.31E-09	-6.58E-11	-1.59E-09	-3.51E-10	-2.19E-10	-3.47E-10	-6.11E-11	-8.67E-11	-2.72E-09
1683	473795.03, 3846749.23	0.04903	-6.20E-06	-2.90E-06	-5.73E-06	-2.15E-09	-6.48E-09	-3.75E-09	-1.75E-09	-1.59E-09	-7.26E-10	-1.43E-09	-7.17E-11	-1.73E-09	-3.82E-10	-2.38E-10	-3.78E-10	-6.66E-11	-9.45E-11	-2.96E-09
1684	473795.03, 3846799.23	0.05387	-6.82E-06	-3.19E-06	-6.29E-06	-2.36E-09	-7.12E-09	-4.12E-09	-1.93E-09	-1.75E-09	-7.97E-10	-1.57E-09	-7.88E-11	-1.90E-09	-4.20E-10	-2.62E-10	-4.15E-10	-7.32E-11	-1.04E-10	-3.26E-09
1685	473795.03, 3846849.23	0.05991	-7.58E-06	-3.54E-06	-7.00E-06	-2.62E-09	-7.92E-09	-4.59E-09	-2.14E-09	-1.94E-09	-8.87E-10	-1.75E-09	-8.76E-11	-2.12E-09	-4.67E-10	-2.91E-10	-4.62E-10	-8.14E-11	-1.15E-10	-3.62E-09
1686	473795.03, 3846899.23	0.06724	-8.51E-06	-3.98E-06	-7.85E-06	-2.94E-09	-8.89E-09	-5.15E-09	-2.41E-09	-2.18E-09	-9.95E-10	-1.97E-09	-9.83E-11	-2.38E-09	-5.24E-10	-3.27E-10	-5.18E-10	-9.13E-11	-1.30E-10	-4.06E-09
1687	473795.03, 3846949.23	0.07608	-9.63E-06	-4.50E-06	-8.88E-06	-3.33E-09	-1.01E-08	-5.82E-09	-2.72E-09	-2.47E-09	-1.13E-09	-2.22E-09	-1.11E-10	-2.69E-09	-5.93E-10	-3.70E-10	-5.86E-10	-1.03E-10	-1.47E-10	-4.60E-09
1688	473795.03, 3846999.23	0.08608	-1.09E-05	-5.09E-06	-1.01E-05	-3.77E-09	-1.14E-08	-6.59E-09	-3.08E-09	-2.79E-09	-1.27E-09	-2.52E-09	-1.26E-10	-3.04E-09	-6.71E-10	-4.18E-10	-6.63E-10	-1.17E-10	-1.66E-10	-5.20E-09
1689	473795.03, 3847049.23	0.09796	-1.24E-05	-5.79E-06	-1.14E-05	-4.29E-09	-1.30E-08	-7.50E-09	-3.51E-09	-3.18E-09	-1.45E-09	-2.86E-09	-1.43E-10	-3.46E-09	-7.64E-10	-4.76E-10	-7.55E-10	-1.33E-10	-1.89E-10	-5.92E-09
1690	473795.03, 3847099.23	0.11214	-1.42E-05	-6.63E-06	-1.31E-05	-4.91E-09	-1.48E-08	-8.58E-09	-4.01E-09	-3.64E-09	-1.66E-09	-3.28E-09	-1.64E-10	-3.96E-09	-8.74E-10	-5.45E-10	-8.64E-10	-1.52E-10	-2.16E-10	-6.78E-09
1691	473795.03, 3847149.23	0.131	-1.66E-05	-7.75E-06	-1.53E-05	-5.74E-09	-1.73E-08	-1.00E-08	-4.69E-09	-4.25E-09	-1.94E-09	-3.83E-09	-1.92E-10	-4.63E-09	-1.02E-09	-6.36E-10	-1.01E-09	-1.78E-10	-2.53E-10	-7.92E-09
1692	473795.03, 3847199.23	0.15942	-2.02E-05	-9.43E-06	-1.86E-05	-6.98E-09	-2.11E-08	-1.22E-08	-5.70E-09	-5.17E-09	-2.36E-09	-4.66E-09	-2.33E-10	-5.63E-09	-1.24E-09	-7.74E-10	-1.23E-09	-2.17E-10	-3.07E-10	-9.63E-09
1693	473795.03, 3847249.23	0.19988	-2.53E-05	-1.18E-05	-2.33E-05	-8.75E-09	-2.64E-08	-1.53E-08	-7.15E-09	-6.48E-09	-2.96E-09	-5.84E-09	-2.92E-10	-7.06E-09	-1.56E-09	-9.71E-10	-1.54E-09	-2.71E-10	-3.85E-10	-1.21E-08
1694	473795.03, 3847299.23	0.25143	-3.18E-05	-1.49E-05	-2.94E-05	-1.10E-08	-3.32E-08	-1.92E-08	-9.00E-09	-8.16E-09	-3.72E-09	-7.35E-09	-3.68E-10	-8.88E-09	-1.96E-09	-1.22E-09	-1.94E-09	-3.41E-10	-4.85E-10	-1.52E-08
1695	473795.03, 3847349.23	0.33212	-4.20E-05	-1.96E-05	-3.88E-05	-1.45E-08	-4.39E-08	-2.54E-08	-1.19E-08	-1.08E-08	-4.92E-09	-9.71E-09	-4.86E-10	-1.17E-08	-2.59E-09	-1.61E-09	-2.56E-09	-4.51E-10	-6.40E-10	-2.01E-08
1696	473795.03, 3847399.23	0.46708	-5.91E-05	-2.76E-05	-5.45E-05	-2.05E-08	-6.18E-08	-3.58E-08	-1.67E-08	-1.51E-08	-6.91E-09	-1.37E-08	-6.83E-10	-1.65E-08	-3.64E-09	-2.27E-09	-3.60E-09	-6.34E-10	-9.00E-10	-2.82E-08
1697	473845.03, 3846699.23	0.04604	-5.82E-06	-2.72E-06	-5.38E-06	-2.02E-09	-6.09E-09	-3.52E-09	-1.65E-09	-1.49E-09	-6.81E-10	-1.35E-09	-6.73E-11	-1.63E-09	-3.59E-10	-2.24E-10	-3.55E-10	-6.25E-11	-8.88E-11	-2.78E-09
1698	473845.03, 3846749.23	0.05045	-6.38E-06	-2.98E-06	-5.89E-06	-2.21E-09	-6.67E-09	-3.86E-09	-1.81E-09	-1.64E-09	-7.47E-10	-1.47E-09	-7.38E-11	-1.78E-09	-3.93E-10	-2.45E-10	-3.89E-10	-6.85E-11	-9.73E-11	-3.05E-09
1699	473845.03, 3846799.23	0.05579	-7.06E-06	-3.30E-06	-6.52E-06	-2.44E-09	-7.38E-09	-4.27E-09	-2.00E-09	-1.81E-09	-8.26E-10	-1.63E-09	-8.16E-11	-1.97E-09	-4.35E-10	-2.71E-10	-4.30E-10	-7.58E-11	-1.08E-10	-3.37E-09
1700	473845.03, 3846849.23	0.06226	-7.88E-06	-3.68E-06	-7.27E-06	-2.73E-09	-8.23E-09	-4.77E-09	-2.23E-09	-2.02E-09	-9.21E-10	-1.82E-09	-9.11E-11	-2.20E-09	-4.85E-10	-3.02E-10	-4.80E-10	-8.46E-11	-1.20E-10	-3.76E-09
1701	473845.03, 3846899.23	0.07018	-8.88E-06	-4.15E-06	-8.20E-06	-3.07E-09	-9.28E-09	-5.37E-09	-2.51E-09	-2.28E-09	-1.04E-09	-2.05E-09	-1.03E-10	-2.48E-09	-5.47E-10	-3.41E-10	-5.41E-10	-9.53E-11	-1.35E-10	-4.24E-09
1702	473845.03, 3846949.23	0.07956	-1.01E-05	-4.70E-06	-9.29E-06	-3.48E-09	-1.05E-08	-6.09E-09	-2.85E-09	-2.58E-09	-1.18E-09	-2.33E-09	-1.16E-10	-2.81E-09	-6.20E-10	-3.86E-10	-6.13E-10	-1.08E-10	-1.53E-10	-4.81E-09
1703	473845.03, 3846999.23	0.0904	-1.14E-05	-5.35E-06	-1.06E-05	-3.96E-09	-1.20E-08	-6.92E-09	-3.23E-09	-2.93E-09	-1.34E-09	-2.64E-09	-1.32E-10	-3.19E-09	-7.05E-10	-4.39E-10	-6.97E-10	-1.23E-10	-1.74E-10	-5.46E-09
1704	473845.03, 3847049.23	0.10327	-1.31E-05	-6.11E-06	-1.21E-05	-4.52E-09	-1.37E-08	-7.91E-09	-3.70E-09	-3.35E-09	-1.53E-09	-3.02E-09	-1.51E-10	-3.65E-09	-8.05E-10	-5.02E-10	-7.96E-10	-1.40E-10	-1.99E-10	-6.24E-09
1705	473845.03, 3847099.23	0.11863	-1.50E-05	-7.02E-06	-1.39E-05	-5.20E-09	-1.57E-08	-9.08E-09	-4.24E-09	-3.85E-09	-1.76E-09	-3.47E-09	-1.73E-10	-4.19E-09	-9.25E-10	-5.76E-10	-9.14E-10	-1.61E-10	-2.29E-10	-7.17E-09
1706	473845.03, 3847149.23	0.13929	-1.76E-05	-8.24E-06	-1.63E-05	-6.10E-09	-1.84E-08	-1.07E-08	-4.98E-09	-4.52E-09	-2.06E-09	-4.07E-09	-2.04E-10	-4.92E-09	-1.09E-09	-6.77E-10	-1.07E-09	-1.89E-10	-2.69E-10	-8.42E-09
1707	473845.03, 3847199.23	0.1686	-2.13E-05	-9.97E-06	-1.97E-05	-7.38E-09	-2.23E-08	-1.29E-08	-6.03E-09	-5.47E-09	-2.50E-09	-4.93E-09	-2.47E-10	-5.96E-09	-1.31E-09	-8.19E-10	-1.30E-09	-2.29E-10	-3.25E-10	-1.02E-08
1708	473845.03, 3847249.23	0.21111	-2.67E-05	-1.25E-05	-2.47E-05	-9.25E-09	-2.79E-08	-1.62E-08	-7.55E-09	-6.85E-09	-3.12E-09	-6.17E-09	-3.09E-10	-7.46E-09	-1.65E-09	-1.03E-09	-1.63E-09	-2.87E-10	-4.07E-10	-1.28E-08
1709	473845.03, 3847299.23	0.26409	-3.34E-05	-1.56E-05	-3.08E-05	-1.16E-08	-3.49E-08	-2.02E-08	-9.45E-09	-8.57E-09	-3.91E-09	-7.72E-09	-3.86E-10	-9.33E-09	-2.06E-09	-1.28E-09	-2.04E-09	-3.59E-10	-5.09E-10	-1.60E-08
1710	473845.03, 3847349.23	0.34369	-4.35E-05	-2.03E-05	-4.01E-05	-1.51E-08	-4.54E-08	-2.63E-08	-1.23E-08	-1.11E-08	-5.09E-09	-1.00E-08	-5.03E-10	-1.21E-08	-2.68E-09	-1.67E-09	-2.65E-09	-4.67E-10	-6.63E-10	-2.08E-08
1711	473845.03, 3847399.23	0.45979	-5.82E-05	-2.72E-05	-5.37E-05	-2.01E-08	-6.08E-08	-3.52E-08	-1.65E-08	-1.49E-08	-6.80E-09	-1.34E-08	-6.72E-10	-1.62E-08	-3.58E-09	-2.23E-09	-3.54E-09	-6.24E-10	-8.86E-10	-2.78E-08
1712	473845.03, 3847449.23	0.64691	-8.18E-05	-3.83E-05	-7.55E-05	-2.83E-08	-8.55E-08	-4.95E-08	-2.31E-08	-2.10E-08	-9.57E-09	-1.89E-08	-9.46E-10	-2.29E-08	-5.04E-09	-3.14E-09	-4.99E-09	-8.79E-10	-1.25E-09	-3.91E-08
1713	473895.03, 3846699.23	0.04736	-5.99E-06	-2.80E-06	-5.53E-06	-2.07E-09	-6.26E-09	-3.63E-09	-1.69E-09	-1.54E-09	-7.01E-10	-1.38E-09	-6.93E-11	-1.67E-09	-3.69E-10	-2.30E-10	-3.65E-10	-6.43E-11	-9.13E-11	-2.86E-09
1714	473895.03, 3846749.23	0.05181	-6.55E-06	-3.06E-06	-6.05E-06	-2.27E-09	-6.85E-09	-3.97E-09	-1.85E-09	-1.68E-09	-7.67E-10	-1.51E-09	-7.58E-11	-1.83E-09	-4.04E-10	-2.52E-10	-3.99E-10	-7.04E-11	-9.99E-11	-3.13E-09
1715	473895.03, 3846799.23	0.05765	-7.29E-06	-3.41E-06	-6.73E-06	-2.52E-09	-7.62E-09	-4.41E-09	-2.06E-09	-1.87E-09	-8.53E-10	-1.68E-09	-8.43E-11	-2.04E-09	-4.49E-10	-2.80E-10	-4.44E-10	-7.83E-11	-1.11E-10	-3.48E-09
1716	473895.03, 3846849.23	0.06467	-8.18E-06	-3.82E-06	-7.55E-06	-2.83E-09	-8.55E-09	-4.95E-09	-2.31E-09	-2.10E-09	-9.57E-10	-1.89E-09	-9.46E-11	-2.28E-09	-5.04E-10	-3.14E-10	-4.98E-10	-8.78E-11	-1.25E-10	-3.91E-09
1717	473895.03, 3846899.23	0.07273	-9.20E-06	-4.30E-06	-8.49E-06	-3.19E-09	-9.62E-09	-5.57E-09	-2.60E-09	-2.36E-09	-1.08E-09	-2.13E-09	-1.06E-10	-2.57E-09	-5.67E-10	-3.53E-10	-5.60E-10	-9.88E-11	-1.40E-10	-4.40E-09
1718	473895.03, 3846949.23	0.08256	-1.04E-05	-4.88E-06	-9.64E-06	-3.62E-09	-1.09E-08	-6.32E-09	-2.95E-09	-2.68E-09	-1.22E-09	-2.41E-09	-1.21E-10	-2.92E-09	-6.44E-10	-4.01E-10	-6.36E-10	-1.12E-10	-1.59E-10	-4.99E-09
1719	473895.03, 3846999.23	0.09429	-1.19E-05	-5.58E-06	-1.10E-05	-4.13E-09	-1.25E-08	-7.22E-09	-3.37E-09	-3.06E-09	-1.40E-09	-2.76E-09	-1.38E-10	-3.33E-09	-7.35E-10	-4.58E-10	-7.27E-10	-1.28E-10	-1.82E-10	-5.70E-09
1720	473895.03, 3847049.23	0.10855	-1.37E-05	-6.42E-06	-1.27E-05	-4.75E-09	-1.44E-08	-8.31E-09	-3.88E-09	-3.52E-09	-1.61E-09	-3.17E-09	-1.59E-10	-3.83E-09	-8.46E-10	-5.27E-10	-8.37E-10	-1.47E-10	-2.09E-10	-6.56E-09
1721	473895.03, 3847099.23	0.12612	-1.60E-05	-7.46E-06	-1.47E-05	-5.52E-09	-1.67E-08	-9.65E-09	-4.51E-09	-4.09E-09	-1.87E-09	-3.69E-09	-1.84E-10	-4.46E-09	-9.83E-10	-6.13E-10	-9.72E-10	-1.71E-10	-2.43E-10	-7.62E-09
1722	473895.03, 3847149.23	0.14789	-1.87E-05	-8.75E-06	-1.73E-05	-6.48E-09	-1.96E-08	-1.13E-08	-5.29E-09	-4.80E-09	-2.19E-09	-4.32E-09	-2.16E-10	-5.22E-09	-1.15E-09	-7.18E-10	-1.14E-09	-2.01E-10	-2.85E-10	-8.94E-09
1723	473895.03, 3847199.23	0.17687	-2.24E-05	-1.05E-05	-2.07E-05	-7.75E-09	-2.34E-08	-1.35E-08	-6.33E-09	-5.74E-09	-2.62E-09	-5.17E-09	-2.59E-10	-6.25E-09	-1.38E-09	-8.59E-10	-1.36E-09	-2.40E-10	-3.41E-10	-1.07E-08

1724	473895.03, 3847249.23	0.22287	-2.82E-05	-1.32E-05	-2.60E-05	-9.76E-09	-2.95E-08	-1.71E-08	-7.97E-09	-7.23E-09	-3.30E-09	-6.51E-09	-3.26E-10	-7.87E-09	-1.74E-09	-1.08E-09	-1.72E-09	-3.03E-10	-4.30E-10	-1.35E-08
1725	473895.03, 3847299.23	0.27834	-3.52E-05	-1.65E-05	-3.25E-05	-1.22E-08	-3.68E-08	-2.13E-08	-9.96E-09	-9.03E-09	-4.12E-09	-8.14E-09	-4.07E-10	-9.83E-09	-2.17E-09	-1.35E-09	-2.15E-09	-3.78E-10	-5.37E-10	-1.68E-08
1726	473895.03, 3847349.23	0.35207	-4.45E-05	-2.08E-05	-4.11E-05	-1.54E-08	-4.66E-08	-2.70E-08	-1.26E-08	-1.14E-08	-5.21E-09	-1.03E-08	-5.15E-10	-1.24E-08	-2.74E-09	-1.71E-09	-2.71E-09	-4.78E-10	-6.79E-10	-2.13E-08
1727	473895.03, 3847399.23	0.47846	-6.05E-05	-2.83E-05	-5.59E-05	-2.10E-08	-6.33E-08	-3.66E-08	-1.71E-08	-1.55E-08	-7.08E-09	-1.40E-08	-7.00E-10	-1.69E-08	-3.73E-09	-2.32E-09	-3.69E-09	-6.50E-10	-9.22E-10	-2.89E-08
1728	473895.03, 3847449.23	0.66046	-8.36E-05	-3.91E-05	-7.71E-05	-2.89E-08	-8.73E-08	-5.06E-08	-2.36E-08	-2.14E-08	-9.77E-09	-1.93E-08	-9.66E-10	-2.33E-08	-5.15E-09	-3.21E-09	-5.09E-09	-8.97E-10	-1.27E-09	-3.99E-08
1729	473945.03, 3846699.23	0.04866	-6.16E-06	-2.88E-06	-5.68E-06	-2.13E-09	-6.43E-09	-3.72E-09	-1.74E-09	-1.58E-09	-7.20E-10	-1.42E-09	-7.12E-11	-1.72E-09	-3.79E-10	-2.36E-10	-3.75E-10	-6.61E-11	-9.38E-11	-2.94E-09
1730	473945.03, 3846749.23	0.05378	-6.80E-06	-3.18E-06	-6.28E-06	-2.36E-09	-7.11E-09	-4.12E-09	-1.92E-09	-1.74E-09	-7.96E-10	-1.57E-09	-7.86E-11	-1.90E-09	-4.19E-10	-2.61E-10	-4.14E-10	-7.30E-11	-1.04E-10	-3.25E-09
1731	473945.03, 3846799.23	0.05984	-7.57E-06	-3.54E-06	-6.99E-06	-2.62E-09	-7.91E-09	-4.58E-09	-2.14E-09	-1.94E-09	-8.86E-10	-1.75E-09	-8.75E-11	-2.11E-09	-4.66E-10	-2.91E-10	-4.61E-10	-8.13E-11	-1.15E-10	-3.62E-09
1732	473945.03, 3846849.23	0.06688	-8.46E-06	-3.95E-06	-7.81E-06	-2.93E-09	-8.84E-09	-5.12E-09	-2.39E-09	-2.17E-09	-9.90E-10	-1.95E-09	-9.78E-11	-2.36E-09	-5.21E-10	-3.25E-10	-5.15E-10	-9.08E-11	-1.29E-10	-4.04E-09
1733	473945.03, 3846899.23	0.07527	-9.52E-06	-4.45E-06	-8.79E-06	-3.30E-09	-9.95E-09	-5.76E-09	-2.69E-09	-2.44E-09	-1.11E-09	-2.20E-09	-1.10E-10	-2.66E-09	-5.87E-10	-3.66E-10	-5.80E-10	-1.02E-10	-1.45E-10	-4.55E-09
1734	473945.03, 3846949.23	0.08504	-1.08E-05	-5.03E-06	-9.93E-06	-3.72E-09	-1.12E-08	-6.51E-09	-3.04E-09	-2.76E-09	-1.26E-09	-2.49E-09	-1.24E-10	-3.00E-09	-6.63E-10	-4.13E-10	-6.55E-10	-1.16E-10	-1.64E-10	-5.14E-09
1735	473945.03, 3846999.23	0.09717	-1.23E-05	-5.75E-06	-1.13E-05	-4.26E-09	-1.28E-08	-7.44E-09	-3.48E-09	-3.15E-09	-1.44E-09	-2.84E-09	-1.42E-10	-3.43E-09	-7.57E-10	-4.72E-10	-7.49E-10	-1.32E-10	-1.87E-10	-5.87E-09
1736	473945.03, 3847049.23	0.11301	-1.43E-05	-6.68E-06	-1.32E-05	-4.95E-09	-1.49E-08	-8.65E-09	-4.04E-09	-3.67E-09	-1.67E-09	-3.30E-09	-1.65E-10	-3.99E-09	-8.81E-10	-5.49E-10	-8.71E-10	-1.53E-10	-2.18E-10	-6.83E-09
1737	473945.03, 3847099.23	0.13313	-1.68E-05	-7.87E-06	-1.55E-05	-5.83E-09	-1.76E-08	-1.02E-08	-4.76E-09	-4.32E-09	-1.97E-09	-3.89E-09	-1.95E-10	-4.70E-09	-1.04E-09	-6.47E-10	-1.03E-09	-1.81E-10	-2.57E-10	-8.05E-09
1738	473945.03, 3847149.23	0.15639	-1.98E-05	-9.25E-06	-1.83E-05	-6.85E-09	-2.07E-08	-1.20E-08	-5.60E-09	-5.07E-09	-2.31E-09	-4.57E-09	-2.29E-10	-5.52E-09	-1.22E-09	-7.60E-10	-1.21E-09	-2.12E-10	-3.02E-10	-9.45E-09
1739	473945.03, 3847199.23	0.18773	-2.38E-05	-1.11E-05	-2.19E-05	-8.22E-09	-2.48E-08	-1.44E-08	-6.72E-09	-6.09E-09	-2.78E-09	-5.49E-09	-2.75E-10	-6.63E-09	-1.46E-09	-9.12E-10	-1.45E-09	-2.55E-10	-3.62E-10	-1.13E-08
1740	473945.03, 3847249.23	0.23411	-2.96E-05	-1.38E-05	-2.73E-05	-1.03E-08	-3.10E-08	-1.79E-08	-8.38E-09	-7.59E-09	-3.46E-09	-6.84E-09	-3.42E-10	-8.27E-09	-1.82E-09	-1.14E-09	-1.80E-09	-3.18E-10	-4.51E-10	-1.41E-08
1741	473945.03, 3847299.23	0.28842	-3.65E-05	-1.71E-05	-3.37E-05	-1.26E-08	-3.81E-08	-2.21E-08	-1.03E-08	-9.35E-09	-4.27E-09	-8.43E-09	-4.22E-10	-1.02E-08	-2.25E-09	-1.40E-09	-2.22E-09	-3.92E-10	-5.56E-10	-1.74E-08
1742	473945.03, 3847349.23	0.35513	-4.49E-05	-2.10E-05	-4.15E-05	-1.56E-08	-4.70E-08	-2.72E-08	-1.27E-08	-1.15E-08	-5.26E-09	-1.04E-08	-5.19E-10	-1.25E-08	-2.77E-09	-1.73E-09	-2.74E-09	-4.82E-10	-6.85E-10	-2.15E-08
1743	473945.03, 3847399.23	0.47011	-5.95E-05	-2.78E-05	-5.49E-05	-2.06E-08	-6.22E-08	-3.60E-08	-1.68E-08	-1.52E-08	-6.96E-09	-1.37E-08	-6.88E-10	-1.66E-08	-3.66E-09	-2.28E-09	-3.62E-09	-6.38E-10	-9.06E-10	-2.84E-08
1744	473945.03, 3847449.23	0.61275	-7.75E-05	-3.62E-05	-7.16E-05	-2.68E-08	-8.10E-08	-4.69E-08	-2.19E-08	-1.99E-08	-9.07E-09	-1.79E-08	-8.96E-10	-2.16E-08	-4.78E-09	-2.98E-09	-4.72E-09	-8.32E-10	-1.18E-09	-3.70E-08
1745	473995.03, 3846699.23	0.04993	-6.32E-06	-2.95E-06	-5.83E-06	-2.19E-09	-6.60E-09	-3.82E-09	-1.79E-09	-1.62E-09	-7.39E-10	-1.46E-09	-7.30E-11	-1.76E-09	-3.89E-10	-2.43E-10	-3.85E-10	-6.78E-11	-9.63E-11	-3.02E-09
1746	473995.03, 3846749.23	0.05556	-7.03E-06	-3.29E-06	-6.49E-06	-2.43E-09	-7.35E-09	-4.25E-09	-1.99E-09	-1.80E-09	-8.22E-10	-1.62E-09	-8.13E-11	-1.96E-09	-4.33E-10	-2.70E-10	-4.28E-10	-7.55E-11	-1.07E-10	-3.36E-09
1747	473995.03, 3846799.23	0.06198	-7.84E-06	-3.67E-06	-7.24E-06	-2.71E-09	-8.20E-09	-4.74E-09	-2.22E-09	-2.01E-09	-9.17E-10	-1.81E-09	-9.06E-11	-2.19E-09	-4.83E-10	-3.01E-10	-4.78E-10	-8.42E-11	-1.19E-10	-3.75E-09
1748	473995.03, 3846849.23	0.06924	-8.76E-06	-4.09E-06	-8.09E-06	-3.03E-09	-9.16E-09	-5.30E-09	-2.48E-09	-2.25E-09	-1.02E-09	-2.02E-09	-1.01E-10	-2.45E-09	-5.40E-10	-3.36E-10	-5.34E-10	-9.40E-11	-1.33E-10	-4.18E-09
1749	473995.03, 3846899.23	0.0777	-9.83E-06	-4.59E-06	-9.07E-06	-3.40E-09	-1.03E-08	-5.95E-09	-2.78E-09	-2.52E-09	-1.15E-09	-2.27E-09	-1.14E-10	-2.74E-09	-6.06E-10	-3.77E-10	-5.99E-10	-1.06E-10	-1.50E-10	-4.70E-09
1750	473995.03, 3846949.23	0.08798	-1.11E-05	-5.20E-06	-1.03E-05	-3.85E-09	-1.16E-08	-6.73E-09	-3.15E-09	-2.85E-09	-1.30E-09	-2.57E-09	-1.29E-10	-3.11E-09	-6.86E-10	-4.27E-10	-6.78E-10	-1.19E-10	-1.70E-10	-5.32E-09
1751	473995.03, 3846999.23	0.10078	-1.28E-05	-5.96E-06	-1.18E-05	-4.41E-09	-1.33E-08	-7.71E-09	-3.61E-09	-3.27E-09	-1.49E-09	-2.95E-09	-1.47E-10	-3.56E-09	-7.86E-10	-4.90E-10	-7.77E-10	-1.37E-10	-1.94E-10	-6.09E-09
1752	473995.03, 3847049.23	0.11706	-1.48E-05	-6.92E-06	-1.37E-05	-5.13E-09	-1.55E-08	-8.96E-09	-4.19E-09	-3.80E-09	-1.73E-09	-3.42E-09	-1.71E-10	-4.14E-09	-9.12E-10	-5.69E-10	-9.02E-10	-1.59E-10	-2.26E-10	-7.07E-09
1753	473995.03, 3847099.23	0.1389	-1.76E-05	-8.21E-06	-1.62E-05	-6.08E-09	-1.84E-08	-1.06E-08	-4.97E-09	-4.51E-09	-2.06E-09	-4.06E-09	-2.03E-10	-4.91E-09	-1.08E-09	-6.75E-10	-1.07E-09	-1.89E-10	-2.68E-10	-8.39E-09
1754	473995.03, 3847149.23	0.16678	-2.11E-05	-9.86E-06	-1.95E-05	-7.30E-09	-2.21E-08	-1.28E-08	-5.97E-09	-5.41E-09	-2.47E-09	-4.87E-09	-2.44E-10	-5.89E-09	-1.30E-09	-8.10E-10	-1.29E-09	-2.27E-10	-3.22E-10	-1.01E-08
1755	473995.03, 3847199.23	0.19744	-2.50E-05	-1.17E-05	-2.31E-05	-8.65E-09	-2.61E-08	-1.51E-08	-7.06E-09	-6.40E-09	-2.92E-09	-5.77E-09	-2.89E-10	-6.97E-09	-1.54E-09	-9.59E-10	-1.52E-09	-2.68E-10	-3.81E-10	-1.19E-08
1756	473995.03, 3847249.23	0.24501	-3.10E-05	-1.45E-05	-2.86E-05	-1.07E-08	-3.24E-08	-1.88E-08	-8.77E-09	-7.95E-09	-3.63E-09	-7.16E-09	-3.58E-10	-8.65E-09	-1.91E-09	-1.19E-09	-1.89E-09	-3.33E-10	-4.72E-10	-1.48E-08
1757	473995.03, 3847299.23	0.29918	-3.79E-05	-1.77E-05	-3.49E-05	-1.31E-08	-3.96E-08	-2.29E-08	-1.07E-08	-9.70E-09	-4.43E-09	-8.74E-09	-4.38E-10	-1.06E-08	-2.33E-09	-1.45E-09	-2.31E-09	-4.06E-10	-5.77E-10	-1.81E-08
1758	473995.03, 3847349.23	0.35754	-4.52E-05	-2.11E-05	-4.18E-05	-1.57E-08	-4.73E-08	-2.74E-08	-1.28E-08	-1.16E-08	-5.29E-09	-1.05E-08	-5.23E-10	-1.26E-08	-2.79E-09	-1.74E-09	-2.76E-09	-4.86E-10	-6.89E-10	-2.16E-08
1759	473995.03, 3847399.23	0.45168	-5.71E-05	-2.67E-05	-5.27E-05	-1.98E-08	-5.97E-08	-3.46E-08	-1.62E-08	-1.47E-08	-6.68E-09	-1.32E-08	-6.61E-10	-1.60E-08	-3.52E-09	-2.19E-09	-3.48E-09	-6.13E-10	-8.71E-10	-2.73E-08
1760	473995.03, 3847449.23	0.57677	-7.30E-05	-3.41E-05	-6.74E-05	-2.53E-08	-7.63E-08	-4.42E-08	-2.06E-08	-1.87E-08	-8.54E-09	-1.69E-08	-8.43E-10	-2.04E-08	-4.50E-09	-2.80E-09	-4.44E-09	-7.83E-10	-1.11E-09	-3.49E-08
1761	474045.03, 3846699.23	0.05157	-6.52E-06	-3.05E-06	-6.02E-06	-2.26E-09	-6.82E-09	-3.95E-09	-1.85E-09	-1.67E-09	-7.63E-10	-1.51E-09	-7.54E-11	-1.82E-09	-4.02E-10	-2.51E-10	-3.97E-10	-7.00E-11	-9.94E-11	-3.12E-09
1762	474045.03, 3846749.23	0.05725	-7.24E-06	-3.39E-06	-6.69E-06	-2.51E-09	-7.57E-09	-4.38E-09	-2.05E-09	-1.86E-09	-8.47E-10	-1.67E-09	-8.37E-11	-2.02E-09	-4.46E-10	-2.78E-10	-4.41E-10	-7.78E-11	-1.10E-10	-3.46E-09
1763	474045.03, 3846799.23	0.06359	-8.05E-06	-3.76E-06	-7.43E-06	-2.78E-09	-8.41E-09	-4.87E-09	-2.28E-09	-2.06E-09	-9.41E-10	-1.86E-09	-9.30E-11	-2.25E-09	-4.96E-10	-3.09E-10	-4.90E-10	-8.64E-11	-1.23E-10	-3.84E-09
1764	474045.03, 3846849.23	0.07089	-8.97E-06	-4.19E-06	-8.28E-06	-3.10E-09	-9.37E-09	-5.43E-09	-2.54E-09	-2.30E-09	-1.05E-09	-2.07E-09	-1.04E-10	-2.50E-09	-5.53E-10	-3.44E-10	-5.46E-10	-9.63E-11	-1.37E-10	-4.28E-09
1765	474045.03, 3846899.23	0.07989	-1.01E-05	-4.72E-06	-9.33E-06	-3.50E-09	-1.06E-08	-6.12E-09	-2.86E-09	-2.59E-09	-1.18E-09	-2.33E-09	-1.17E-10	-2.82E-09	-6.23E-10	-3.88E-10	-6.16E-10	-1.09E-10	-1.54E-10	-4.83E-09
1766	474045.03, 3846949.23	0.09126	-1.15E-05	-5.40E-06	-1.07E-05	-4.00E-09	-1.21E-08	-6.99E-09	-3.27E-09	-2.96E-09	-1.35E-09	-2.67E-09	-1.33E-10	-3.22E-09	-7.11E-10	-4.43E-10	-7.03E-10	-1.24E-10	-1.76E-10	-5.52E-09
1767	474045.03, 3846999.23	0.10504	-1.33E-05	-6.21E-06	-1.23E-05	-4.60E-09	-1.39E-08	-8.04E-09	-3.76E-09	-3.41E-09	-1.55E-09	-3.07E-09	-1.54E-10	-3.71E-09	-8.19E-10	-5.10E-10	-8.09E-10	-1.43E-10	-2.03E-10	-6.35E-09
1768	474045.03, 3847049.23	0.12285	-1.55E-05	-7.26E-06	-1.43E-05	-5.38E-09	-1.62E-08	-9.40E-09	-4.40E-09	-3.98E-09	-1.82E-09	-3.59E-09	-1.80E-10	-4.34E-09	-9.58E-10	-5.97E-10	-9.47E-10	-1.67E-10	-2.37E-10	-7.42E-09
1769	474045.03, 3847099.23	0.14454	-1.83E-05	-8.55E-06	-1.69E-05	-6.33E-09	-1.91E-08	-1.11E-08	-5.17E-09	-4.69E-09	-2.14E-09	-4.22E-09	-2.11E-10	-5.11E-09	-1.13E-09	-7.02E-10	-1.11E-09	-1.96E-10	-2.79E-10	-8.73E-09
1770	474045.03, 3847149.23	0.17425	-2.20E-05	-1.03E-05	-2.03E-05	-7.63E-09	-2.30E-08	-1.33E-08	-6.23E-09	-5.65E-09	-2.58E-09	-5.09E-09	-2.55E-10	-6.16E-09	-1.36E-09	-8.46E-10	-1.34E-09	-2.37E-10	-3.36E-10	-1.05E-08
1771	474045.03, 3847199.23	0.2108	-2.67E-05	-1.25E-05	-2.46E-05	-9.23E-09	-2.79E-08	-1.61E-08	-7.54E-09	-6.84E-09	-3.12E-09	-6.16E-09	-3.08E-10	-7.45E-09	-1.64E-09	-1.02E-09	-1.62E-09	-2.86E-10	-4.06E-10	-1.27E-08
1772	474045.03, 3847249.23	0.2555	-3.23E-05	-1.51E-05	-2.98E-05	-1.12E-08	-3.38E-08	-1.96E-08	-9.14E-09	-8.29E-09	-3.78E-09	-7.47E-09	-3.74E-10	-9.03E-09	-1.99E-09	-1.24E-09	-1.97E-09	-3.47E-10	-4.93E-10	-1.54E-08
1773	474045.03, 3847299.23	0.31237	-3.95E-05	-1.85E-05	-3.65E-05	-1.37E-08	-4.13E-08	-2.39E-08	-1.12E-08	-1.01E-08	-4.62E-09	-9.13E-09	-4.57E-10	-1.10E-08	-2.43E-09	-1.52E-09	-2.41E-09	-4.24E-10	-6.02E-10	-1.89E-08
1774	474045.03, 3847349.23	0.37612	-4.76E-05	-2.22E-05	-4.39E-05	-1.65E-08	-4.97E-08	-2.88E-08	-1.35E-08	-1.22E-08	-5.57E-09	-1.10E-08	-5.50E-10	-1.33E-08	-2.93E-09	-1.83E-09	-2.90E-09	-5.11E-10	-7.25E-10	-2.27E-08
1775	474045.03, 3847399.23	0.45823	-5.80E-05	-2.71E-05	-5.35E-05	-2.01E-08	-6.06E-08	-3.51E-08	-1.64E-08	-1.49E-08	-6.78E-09	-1.34E-08	-6.70E-10	-1.62E-08	-3.57E-09	-2.23E-09	-3.53E-09	-6.22E-10	-8.83E-10	-2.77E-08
1776	474045.03, 3847449.23	0.57382	-7.26E-05	-3.39E-05	-6.70E-05	-2.51E-08	-7.59E-08	-4.39E-08	-2.05E-08	-1.86E-08	-8.49E-09	-1.68E-08	-8.39E-10	-2.03E-08	-4.47E-09	-2.79E-09	-4.42E-09	-7.79E-10	-1.11E-09	-3.47E-08
1777	474095.03, 3846699.23	0.05355	-6.77E-06	-3.17E-06	-6.25E-06	-2.35E-09	-7.08E-09	-4.10E-09	-1.92E-09	-1.74E-09	-7.93E-10	-1.57E-09	-7.83E-11	-1.89E-09	-4.17E-10	-2.60E-10	-4.13E-10	-7.27E-11	-1.03E-10	-3.24E-09
1778	474095.03, 3846749.23	0.05925	-7.50E-06	-3.50E-06	-6.92E-06	-2.59E-09	-7.83E-09	-4.54E-09	-2.12E-09	-1.92E-09	-8.77E-10	-1.73E-09	-8.66E-11	-2.09E-09	-4.62E-10	-2.88E-10	-4.57E-10	-8.05E-11	-1.14E-10	-3.58E-09
1779	474095.03, 3846799.23	0.06563	-8.30E-06	-3.88E-06	-7.66E-06	-2.87E-09	-8.68E-09	-5.02E-09	-2.35E-09	-2.13E-09	-9.71E-10	-1.92E-09	-9.60E-11	-2.32E-09	-5.12E-10	-3.19E-10	-5.06E-10	-8.91E-11	-1.27E-10	-3.97E-09
1780	474095.03, 3846849.23	0.07308	-9.25E-06	-4.32E-06	-8.53E-06	-3.20E-09	-9.66E-09	-5.59E-09	-2.61E-09	-2.37E-09	-1.08E-09	-2.14E-09	-1.07E-10	-2.58E-09	-5.70E-10	-3.55E-10	-5.63E-10	-9.93E-11	-1.41E-10	-4.42E-09
1781	474095.03, 3846899.23	0.08243	-1.04E-05	-4.87E-06	-9.63E-06	-3.61E-09	-1.09E-08	-6.31E-09	-2.95E-09	-2.67E-09	-1.22E-09	-2.41E-09	-1.21E-10	-2.91E-09	-6.43E-10	-4.00E-10	-6.35E-10	-1.12E-10	-1.59E-10	-4.98E-09
1782	474095.03, 3846949.23	0.09422	-1.19E-05	-5.57E-06	-1.10E-05	-4.13E-09	-1.25E-08	-7.21E-09	-3.37E-09	-3.06E-09	-1.39E-09	-2.75E-09	-1.38E-10	-3.33E-09	-7.34E-10	-4.58E-10	-7.26E-10	-1.28E-10	-1.82E-10	-5.69E-09
1783	474095.03, 3846999.23	0.10903	-1.38E-05	-6.45E-06	-1.27E-05	-4.77E-09	-1.44E-08	-8.35E-09	-3.90E-09	-3.54E-09	-1.61E-09	-3.19E-09	-1.59E-10	-3.85E-09	-8.50E-10	-5.30E-10	-8.40E-10	-1.48E-10	-2.10E-10	-6.59E-09
1784	474095.03, 3847049.23	0.12762	-1.61E-05	-7.55E-06	-1.49E-05	-5.59E-09	-1.69E-08	-9.77E-09	-4.57E-09	-4.14E-09	-1.89E-09	-3.73E-09	-1.87E-10	-4.51E-09	-9.95E-10	-6.20E-10	-9.83E-10	-1.73E-10	-2.46E-10	-7.71E-09
1785	474095.03, 3847099.23	0.15099	-1.91E-05	-8.93E-06	-1.76E-05	-6.61E-09	-2.00E-08	-1.16E-08	-5.40E-09	-4.90E-09	-2.23E-09	-4.41E-09	-2.21E-10	-5.33E-09	-1.18E-09	-7.33E-10	-1.16E-09	-2.05E-10	-2.91E-10	-9.12E-09
1786	474095.03, 3847149.23	0.1809	-2.29E-05	-1.07E-05	-2.11E-05	-7.92E-09	-2.39E-08	-1.38E-08	-6.47E-09	-5.87E-09	-2.68E-09	-5.29E-09	-2.65E-10	-6.39E-09	-1.41E-09	-8.79E-10	-1.39E-09	-2.46E-10	-3.49E-10	-1.09E-08
1787	474095.03, 3847199.23	0.21929	-2.77E-05	-1.30E-05	-2.56E-05	-9.60E-09	-2.90E-08	-1.68E-08	-7.85E-09	-7.11E-09	-3.25E-09	-6.41E-09	-3.21E-10	-7.75E-09	-1.71E-09	-1.07E-09	-1.69E-09	-2.98E-10	-4.23E-10	-1.33E-08

1788	474095.03, 3847249.23	0.26567	-3.36E-05	-1.57E-05	-3.10E-05	-1.16E-08	-3.51E-08	-2.03E-08	-9.51E-09	-8.62E-09	-3.93E-09	-7.76E-09	-3.89E-10	-9.38E-09	-2.07E-09	-1.29E-09	-2.05E-09	-3.61E-10	-5.12E-10	-1.61E-08
1789	474095.03, 3847299.23	0.32133	-4.07E-05	-1.90E-05	-3.75E-05	-1.41E-08	-4.25E-08	-2.46E-08	-1.15E-08	-1.04E-08	-4.76E-09	-9.39E-09	-4.70E-10	-1.14E-08	-2.50E-09	-1.56E-09	-2.48E-09	-4.36E-10	-6.19E-10	-1.94E-08
1790	474095.03, 3847349.23	0.38304	-4.85E-05	-2.27E-05	-4.47E-05	-1.68E-08	-5.07E-08	-2.93E-08	-1.37E-08	-1.24E-08	-5.67E-09	-1.12E-08	-5.60E-10	-1.35E-08	-2.99E-09	-1.86E-09	-2.95E-09	-5.20E-10	-7.38E-10	-2.31E-08
1791	474095.03, 3847399.23	0.45115	-5.71E-05	-2.67E-05	-5.27E-05	-1.98E-08	-5.97E-08	-3.45E-08	-1.61E-08	-1.46E-08	-6.68E-09	-1.32E-08	-6.60E-10	-1.59E-08	-3.52E-09	-2.19E-09	-3.48E-09	-6.13E-10	-8.70E-10	-2.73E-08
1792	474095.03, 3847449.23	0.57517	-7.28E-05	-3.40E-05	-6.72E-05	-2.52E-08	-7.61E-08	-4.40E-08	-2.06E-08	-1.87E-08	-8.51E-09	-1.68E-08	-8.41E-10	-2.03E-08	-4.48E-09	-2.79E-09	-4.43E-09	-7.81E-10	-1.11E-09	-3.48E-08
1793	474145.03, 3846699.23	0.05549	-7.02E-06	-3.28E-06	-6.48E-06	-2.43E-09	-7.34E-09	-4.25E-09	-1.99E-09	-1.80E-09	-8.21E-10	-1.62E-09	-8.11E-11	-1.96E-09	-4.33E-10	-2.70E-10	-4.28E-10	-7.54E-11	-1.07E-10	-3.35E-09
1794	474145.03, 3846749.23	0.06125	-7.75E-06	-3.62E-06	-7.15E-06	-2.68E-09	-8.10E-09	-4.69E-09	-2.19E-09	-1.99E-09	-9.06E-10	-1.79E-09	-8.96E-11	-2.16E-09	-4.77E-10	-2.98E-10	-4.72E-10	-8.32E-11	-1.18E-10	-3.70E-09
1795	474145.03, 3846799.23	0.06792	-8.59E-06	-4.02E-06	-7.93E-06	-2.97E-09	-8.98E-09	-5.20E-09	-2.43E-09	-2.20E-09	-1.01E-09	-1.99E-09	-9.93E-11	-2.40E-09	-5.29E-10	-3.30E-10	-5.23E-10	-9.22E-11	-1.31E-10	-4.10E-09
1796	474145.03, 3846849.23	0.07591	-9.60E-06	-4.49E-06	-8.86E-06	-3.32E-09	-1.00E-08	-5.81E-09	-2.72E-09	-2.46E-09	-1.12E-09	-2.22E-09	-1.11E-10	-2.68E-09	-5.92E-10	-3.69E-10	-5.85E-10	-1.03E-10	-1.46E-10	-4.59E-09
1797	474145.03, 3846899.23	0.08587	-1.09E-05	-5.08E-06	-1.00E-05	-3.76E-09	-1.14E-08	-6.57E-09	-3.07E-09	-2.79E-09	-1.27E-09	-2.51E-09	-1.26E-10	-3.03E-09	-6.69E-10	-4.17E-10	-6.62E-10	-1.17E-10	-1.66E-10	-5.19E-09
1798	474145.03, 3846949.23	0.09757	-1.23E-05	-5.77E-06	-1.14E-05	-4.27E-09	-1.29E-08	-7.47E-09	-3.49E-09	-3.16E-09	-1.44E-09	-2.85E-09	-1.43E-10	-3.45E-09	-7.61E-10	-4.74E-10	-7.52E-10	-1.33E-10	-1.88E-10	-5.90E-09
1799	474145.03, 3846999.23	0.11276	-1.43E-05	-6.67E-06	-1.32E-05	-4.94E-09	-1.49E-08	-8.63E-09	-4.03E-09	-3.66E-09	-1.67E-09	-3.30E-09	-1.65E-10	-3.98E-09	-8.79E-10	-5.48E-10	-8.69E-10	-1.53E-10	-2.17E-10	-6.81E-09
1800	474145.03, 3847049.23	0.1324	-1.68E-05	-7.83E-06	-1.55E-05	-5.80E-09	-1.75E-08	-1.01E-08	-4.74E-09	-4.29E-09	-1.96E-09	-3.87E-09	-1.94E-10	-4.68E-09	-1.03E-09	-6.43E-10	-1.02E-09	-1.80E-10	-2.55E-10	-8.00E-09
1801	474145.03, 3847099.23	0.1566	-1.98E-05	-9.26E-06	-1.83E-05	-6.86E-09	-2.07E-08	-1.20E-08	-5.60E-09	-5.08E-09	-2.32E-09	-4.58E-09	-2.29E-10	-5.53E-09	-1.22E-09	-7.61E-10	-1.21E-09	-2.13E-10	-3.02E-10	-9.46E-09
1802	474145.03, 3847149.23	0.18746	-2.37E-05	-1.11E-05	-2.19E-05	-8.21E-09	-2.48E-08	-1.43E-08	-6.71E-09	-6.08E-09	-2.77E-09	-5.48E-09	-2.74E-10	-6.62E-09	-1.46E-09	-9.11E-10	-1.44E-09	-2.55E-10	-3.61E-10	-1.13E-08
1803	474145.03, 3847199.23	0.22585	-2.86E-05	-1.34E-05	-2.64E-05	-9.89E-09	-2.99E-08	-1.73E-08	-8.08E-09	-7.33E-09	-3.34E-09	-6.60E-09	-3.30E-10	-7.98E-09	-1.76E-09	-1.10E-09	-1.74E-09	-3.07E-10	-4.35E-10	-1.36E-08
1804	474145.03, 3847249.23	0.27617	-3.49E-05	-1.63E-05	-3.23E-05	-1.21E-08	-3.65E-08	-2.11E-08	-9.88E-09	-8.96E-09	-4.09E-09	-8.07E-09	-4.04E-10	-9.76E-09	-2.15E-09	-1.34E-09	-2.13E-09	-3.75E-10	-5.32E-10	-1.67E-08
1805	474145.03, 3847299.23	0.33471	-4.23E-05	-1.98E-05	-3.91E-05	-1.47E-08	-4.43E-08	-2.56E-08	-1.20E-08	-1.09E-08	-4.95E-09	-9.78E-09	-4.89E-10	-1.18E-08	-2.61E-09	-1.63E-09	-2.58E-09	-4.55E-10	-6.45E-10	-2.02E-08
1806	474145.03, 3847349.23	0.39724	-5.03E-05	-2.35E-05	-4.64E-05	-1.74E-08	-5.25E-08	-3.04E-08	-1.42E-08	-1.29E-08	-5.88E-09	-1.16E-08	-5.81E-10	-1.40E-08	-3.10E-09	-1.93E-09	-3.06E-09	-5.40E-10	-7.66E-10	-2.40E-08
1807	474145.03, 3847399.23	0.46589	-5.89E-05	-2.75E-05	-5.44E-05	-2.04E-08	-6.16E-08	-3.57E-08	-1.67E-08	-1.51E-08	-6.90E-09	-1.36E-08	-6.81E-10	-1.65E-08	-3.63E-09	-2.26E-09	-3.59E-09	-6.33E-10	-8.98E-10	-2.82E-08
1808	474145.03, 3847449.23	0.57294	-7.25E-05	-3.39E-05	-6.69E-05	-2.51E-08	-7.58E-08	-4.39E-08	-2.05E-08	-1.86E-08	-8.48E-09	-1.67E-08	-8.38E-10	-2.02E-08	-4.47E-09	-2.78E-09	-4.42E-09	-7.78E-10	-1.10E-09	-3.46E-08
1809	474195.03, 3846699.23	0.05693	-7.20E-06	-3.37E-06	-6.65E-06	-2.49E-09	-7.53E-09	-4.36E-09	-2.04E-09	-1.85E-09	-8.43E-10	-1.66E-09	-8.33E-11	-2.01E-09	-4.44E-10	-2.77E-10	-4.39E-10	-7.73E-11	-1.10E-10	-3.44E-09
1810	474195.03, 3846749.23	0.0627	-7.93E-06	-3.71E-06	-7.32E-06	-2.75E-09	-8.29E-09	-4.80E-09	-2.24E-09	-2.03E-09	-9.28E-10	-1.83E-09	-9.17E-11	-2.21E-09	-4.89E-10	-3.05E-10	-4.83E-10	-8.52E-11	-1.21E-10	-3.79E-09
1811	474195.03, 3846799.23	0.06888	-8.71E-06	-4.07E-06	-8.04E-06	-3.02E-09	-9.11E-09	-5.27E-09	-2.46E-09	-2.23E-09	-1.02E-09	-2.01E-09	-1.01E-10	-2.43E-09	-5.37E-10	-3.35E-10	-5.31E-10	-9.36E-11	-1.33E-10	-4.16E-09
1812	474195.03, 3846849.23	0.07587	-9.60E-06	-4.49E-06	-8.86E-06	-3.32E-09	-1.00E-08	-5.81E-09	-2.71E-09	-2.46E-09	-1.12E-09	-2.22E-09	-1.11E-10	-2.68E-09	-5.91E-10	-3.69E-10	-5.85E-10	-1.03E-10	-1.46E-10	-4.59E-09
1813	474195.03, 3846899.23	0.08697	-1.10E-05	-5.14E-06	-1.02E-05	-3.81E-09	-1.15E-08	-6.66E-09	-3.11E-09	-2.82E-09	-1.29E-09	-2.54E-09	-1.27E-10	-3.07E-09	-6.78E-10	-4.22E-10	-6.70E-10	-1.18E-10	-1.68E-10	-5.26E-09
1814	474195.03, 3846949.23	0.09982	-1.26E-05	-5.90E-06	-1.17E-05	-4.37E-09	-1.32E-08	-7.64E-09	-3.57E-09	-3.24E-09	-1.48E-09	-2.92E-09	-1.46E-10	-3.53E-09	-7.78E-10	-4.85E-10	-7.69E-10	-1.36E-10	-1.92E-10	-6.03E-09
1815	474195.03, 3846999.23	0.11646	-1.47E-05	-6.89E-06	-1.36E-05	-5.10E-09	-1.54E-08	-8.91E-09	-4.17E-09	-3.78E-09	-1.72E-09	-3.40E-09	-1.70E-10	-4.11E-09	-9.08E-10	-5.66E-10	-8.97E-10	-1.58E-10	-2.25E-10	-7.04E-09
1816	474195.03, 3847049.23	0.136	-1.72E-05	-8.04E-06	-1.59E-05	-5.96E-09	-1.80E-08	-1.04E-08	-4.87E-09	-4.41E-09	-2.01E-09	-3.97E-09	-1.99E-10	-4.80E-09	-1.06E-09	-6.61E-10	-1.05E-09	-1.85E-10	-2.62E-10	-8.22E-09
1817	474195.03, 3847099.23	0.16018	-2.03E-05	-9.47E-06	-1.87E-05	-7.02E-09	-2.12E-08	-1.23E-08	-5.73E-09	-5.20E-09	-2.37E-09	-4.68E-09	-2.34E-10	-5.66E-09	-1.25E-09	-7.78E-10	-1.23E-09	-2.18E-10	-3.09E-10	-9.68E-09
1818	474195.03, 3847149.23	0.1902	-2.41E-05	-1.12E-05	-2.22E-05	-8.33E-09	-2.52E-08	-1.46E-08	-6.81E-09	-6.17E-09	-2.81E-09	-5.56E-09	-2.78E-10	-6.72E-09	-1.48E-09	-9.24E-10	-1.47E-09	-2.58E-10	-3.67E-10	-1.15E-08
1819	474195.03, 3847199.23	0.22845	-2.89E-05	-1.35E-05	-2.67E-05	-1.00E-08	-3.02E-08	-1.75E-08	-8.17E-09	-7.41E-09	-3.38E-09	-6.68E-09	-3.34E-10	-8.07E-09	-1.78E-09	-1.11E-09	-1.76E-09	-3.10E-10	-4.40E-10	-1.38E-08
1820	474195.03, 3847249.23	0.27977	-3.54E-05	-1.65E-05	-3.27E-05	-1.23E-08	-3.70E-08	-2.14E-08	-1.00E-08	-9.07E-09	-4.14E-09	-8.18E-09	-4.09E-10	-9.88E-09	-2.18E-09	-1.36E-09	-2.16E-09	-3.80E-10	-5.39E-10	-1.69E-08
1821	474195.03, 3847299.23	0.3448	-4.36E-05	-2.04E-05	-4.03E-05	-1.51E-08	-4.56E-08	-2.64E-08	-1.23E-08	-1.12E-08	-5.10E-09	-1.01E-08	-5.04E-10	-1.22E-08	-2.69E-09	-1.68E-09	-2.66E-09	-4.68E-10	-6.65E-10	-2.08E-08
1822	474195.03, 3847349.23	0.41386	-5.24E-05	-2.45E-05	-4.83E-05	-1.81E-08	-5.47E-08	-3.17E-08	-1.48E-08	-1.34E-08	-6.13E-09	-1.21E-08	-6.05E-10	-1.46E-08	-3.23E-09	-2.01E-09	-3.19E-09	-5.62E-10	-7.98E-10	-2.50E-08
1823	474195.03, 3847399.23	0.48335	-6.12E-05	-2.86E-05	-5.64E-05	-2.12E-08	-6.39E-08	-3.70E-08	-1.73E-08	-1.57E-08	-7.15E-09	-1.41E-08	-7.07E-10	-1.71E-08	-3.77E-09	-2.35E-09	-3.72E-09	-6.56E-10	-9.32E-10	-2.92E-08
1824	474195.03, 3847449.23	0.57564	-7.28E-05	-3.40E-05	-6.72E-05	-2.52E-08	-7.61E-08	-4.41E-08	-2.06E-08	-1.87E-08	-8.52E-09	-1.68E-08	-8.42E-10	-2.03E-08	-4.49E-09	-2.80E-09	-4.44E-09	-7.82E-10	-1.11E-09	-3.48E-08
1825	474245.03, 3847049.23	0.13793	-1.75E-05	-8.16E-06	-1.61E-05	-6.04E-09	-1.82E-08	-1.06E-08	-4.94E-09	-4.47E-09	-2.04E-09	-4.03E-09	-2.02E-10	-4.87E-09	-1.08E-09	-6.70E-10	-1.06E-09	-1.87E-10	-2.66E-10	-8.34E-09
1826	474245.03, 3847099.23	0.16187	-2.05E-05	-9.57E-06	-1.89E-05	-7.09E-09	-2.14E-08	-1.24E-08	-5.79E-09	-5.25E-09	-2.40E-09	-4.73E-09	-2.37E-10	-5.72E-09	-1.26E-09	-7.86E-10	-1.25E-09	-2.20E-10	-3.12E-10	-9.78E-09
1827	474245.03, 3847149.23	0.19546	-2.47E-05	-1.16E-05	-2.28E-05	-8.56E-09	-2.58E-08	-1.50E-08	-6.99E-09	-6.34E-09	-2.89E-09	-5.71E-09	-2.86E-10	-6.90E-09	-1.52E-09	-9.50E-10	-1.51E-09	-2.65E-10	-3.77E-10	-1.18E-08
1828	474245.03, 3847199.23	0.23471	-2.97E-05	-1.39E-05	-2.74E-05	-1.03E-08	-3.10E-08	-1.80E-08	-8.40E-09	-7.61E-09	-3.47E-09	-6.86E-09	-3.43E-10	-8.29E-09	-1.83E-09	-1.14E-09	-1.81E-09	-3.19E-10	-4.52E-10	-1.42E-08
1829	474245.03, 3847249.23	0.28385	-3.59E-05	-1.68E-05	-3.31E-05	-1.24E-08	-3.75E-08	-2.17E-08	-1.02E-08	-9.21E-09	-4.20E-09	-8.30E-09	-4.15E-10	-1.00E-08	-2.21E-09	-1.38E-09	-2.19E-09	-3.86E-10	-5.47E-10	-1.72E-08
1830	474245.03, 3847299.23	0.34997	-4.43E-05	-2.07E-05	-4.09E-05	-1.53E-08	-4.63E-08	-2.68E-08	-1.25E-08	-1.14E-08	-5.18E-09	-1.02E-08	-5.12E-10	-1.24E-08	-2.73E-09	-1.70E-09	-2.70E-09	-4.75E-10	-6.75E-10	-2.11E-08
1831	474245.03, 3847349.23	0.42605	-5.39E-05	-2.52E-05	-4.98E-05	-1.87E-08	-5.63E-08	-3.26E-08	-1.52E-08	-1.38E-08	-6.31E-09	-1.25E-08	-6.23E-10	-1.51E-08	-3.32E-09	-2.07E-09	-3.28E-09	-5.79E-10	-8.21E-10	-2.57E-08
1832	474245.03, 3847399.23	0.50415	-6.38E-05	-2.98E-05	-5.89E-05	-2.21E-08	-6.67E-08	-3.86E-08	-1.80E-08	-1.64E-08	-7.46E-09	-1.47E-08	-7.37E-10	-1.78E-08	-3.93E-09	-2.45E-09	-3.89E-09	-6.85E-10	-9.72E-10	-3.05E-08
1833	474245.03, 3847449.23	0.58648	-7.42E-05	-3.47E-05	-6.85E-05	-2.57E-08	-7.76E-08	-4.49E-08	-2.10E-08	-1.90E-08	-8.68E-09	-1.71E-08	-8.58E-10	-2.07E-08	-4.57E-09	-2.85E-09	-4.52E-09	-7.97E-10	-1.13E-09	-3.54E-08
1834	474659.97, 3847690.24	1.01606	-1.29E-04	-6.01E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.78E-08	-3.64E-08	-3.30E-08	-1.50E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.92E-09	-4.94E-09	-7.83E-09	-1.38E-09	-1.96E-09	-6.14E-08
1835	474659.97, 3847740.24	1.15985	-1.47E-04	-6.86E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.88E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.04E-09	-5.63E-09	-8.94E-09	-1.58E-09	-2.24E-09	-7.01E-08
1836	474709.97, 3847640.24	0.81333	-1.03E-04	-4.81E-05	-9.50E-05	-3.56E-08	-1.08E-07	-6.23E-08	-2.91E-08	-2.64E-08	-1.20E-08	-2.38E-08	-1.19E-09	-2.87E-08	-6.34E-09	-3.95E-09	-6.27E-09	-1.10E-09	-1.57E-09	-4.92E-08
1837	474709.97, 3847690.24	0.93422	-1.18E-04	-5.52E-05	-1.09E-04	-4.09E-08	-1.24E-07	-7.15E-08	-3.34E-08	-3.03E-08	-1.38E-08	-2.73E-08	-1.37E-09	-3.30E-08	-7.28E-09	-4.54E-09	-7.20E-09	-1.27E-09	-1.80E-09	-5.65E-08
1838	474709.97, 3847740.24	1.07783	-1.36E-04	-6.37E-05	-1.26E-04	-4.72E-08	-1.43E-07	-8.25E-08	-3.86E-08	-3.50E-08	-1.60E-08	-3.15E-08	-1.58E-09	-3.81E-08	-8.40E-09	-5.24E-09	-8.31E-09	-1.46E-09	-2.08E-09	-6.51E-08
1839	474759.97, 3847540.24	0.63885	-8.08E-05	-3.78E-05	-7.46E-05	-2.80E-08	-8.45E-08	-4.89E-08	-2.29E-08	-2.07E-08	-9.45E-09	-1.87E-08	-9.34E-10	-2.26E-08	-4.98E-09	-3.10E-09	-4.92E-09	-8.68E-10	-1.23E-09	-3.86E-08
1840	474759.97, 3847590.24	0.68791	-8.70E-05	-4.07E-05	-8.03E-05	-3.01E-08	-9.10E-08	-5.27E-08	-2.46E-08	-2.23E-08	-1.02E-08	-2.01E-08	-1.01E-09	-2.43E-08	-5.36E-09	-3.34E-09	-5.30E-09	-9.34E-10	-1.33E-09	-4.16E-08
1841	474759.97, 3847640.24	0.75488	-9.55E-05	-4.46E-05	-8.82E-05	-3.31E-08	-9.98E-08	-5.78E-08	-2.70E-08	-2.45E-08	-1.12E-08	-2.21E-08	-1.10E-09	-2.67E-08	-5.88E-09	-3.67E-09	-5.82E-09	-1.03E-09	-1.46E-09	-4.56E-08
1842	474759.97, 3847690.24	0.86325	-1.09E-04	-5.10E-05	-1.01E-04	-3.78E-08	-1.14E-07	-6.61E-08	-3.09E-08	-2.80E-08	-1.28E-08	-2.52E-08	-1.26E-09	-3.05E-08	-6.73E-09	-4.19E-09	-6.65E-09	-1.17E-09	-1.66E-09	-5.22E-08
1843	474759.97, 3847740.24	1.0019	-1.27E-04	-5.92E-05	-1.17E-04	-4.39E-08	-1.32E-07	-7.67E-08	-3.58E-08	-3.25E-08	-1.48E-08	-2.93E-08	-1.47E-09	-3.54E-08	-7.81E-09	-4.87E-09	-7.72E-09	-1.36E-09	-1.93E-09	-6.05E-08
1844	474759.97, 3847790.24	1.15454	-1.46E-04	-6.83E-05	-1.35E-04	-5.06E-08	-1.53E-07	-8.84E-08	-4.13E-08	-3.74E-08	-1.71E-08	-3.37E-08	-1.69E-09	-4.08E-08	-9.00E-09	-5.61E-09	-8.90E-09	-1.57E-09	-2.23E-09	-6.98E-08
1845	474809.97, 3847490.24	0.54806	-6.93E-05	-3.24E-05	-6.40E-05	-2.40E-08	-7.25E-08	-4.20E-08	-1.96E-08	-1.78E-08	-8.11E-09	-1.60E-08	-8.01E-10	-1.94E-08	-4.27E-09	-2.66E-09	-4.22E-09	-7.44E-10	-1.06E-09	-3.31E-08
1846	474809.97, 3847540.24	0.60976	-7.71E-05	-3.61E-05	-7.12E-05	-2.67E-08	-8.06E-08	-4.67E-08	-2.18E-08	-1.98E-08	-9.02E-09	-1.78E-08	-8.92E-10	-2.15E-08	-4.75E-09	-2.96E-09	-4.70E-09	-8.28E-10	-1.18E-09	-3.68E-08
1847	474809.97, 3847590.24	0.6584	-8.33E-05	-3.89E-05	-7.69E-05	-2.88E-08	-8.71E-08	-5.04E-08	-2.36E-08	-2.14E-08	-9.74E-09	-1.92E-08	-9.63E-10	-2.33E-08	-5.13E-09	-3.20E-09	-5.07E-09	-8.94E-10	-1.27E-09	-3.98E-08
1848	474809.97, 3847640.24	0.72238	-9.14E-05	-4.27E-05	-8.44E-05	-3.16E-08	-9.55E-08	-5.53E-08	-2.58E-08	-2.34E-08	-1.07E-08	-2.11E-08	-1.06E-09	-2.55E-08	-5.63E-09	-3.51E-09	-5.57E-09	-9.81E-10	-1.39E-09	-4.37E-08
1849	474809.97, 3847690.24	0.81691	-1.03E-04	-4.83E-05	-9.54E-05	-3.58E-08	-1.08E-07	-6.25E-08	-2.92E-08	-2.65E-08	-1.21E-08	-2.39E-08	-1.19E-09	-2.89E-08	-6.37E-09	-3.97E-09	-6.30E-09	-1.11E-09	-1.57E-09	-4.94E-08
1850	474809.97, 3847740.24	0.94306	-1.19E-04	-5.58E-05	-1.10E-04	-4.13E-08	-1.25E-07	-7.22E-08	-3.37E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.33E-08	-7.35E-09	-4.58E-09	-7.27E-09	-1.28E-09	-1.82E-09	-5.70E-08
1851	474809.97, 3847790.24	1.09325	-1.38E-04	-6.46E-05	-1.28E-04	-4.79E-08	-1.45E-07	-8.37E-08	-3.91E-08	-3.55E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.86E-08	-8.52E-09	-5.31E-09	-8.43E-09	-1.48E-09	-2.11E-09	-6.61E-08

1852	474809.97, 3847840.24	1.26521	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.69E-08	-4.53E-08	-4.10E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.86E-09	-6.15E-09	-9.75E-09	-1.72E-09	-2.44E-09	-7.65E-08
1853	474859.97, 3847440.24	0.47168	-5.97E-05	-2.79E-05	-5.51E-05	-2.07E-08	-6.24E-08	-3.61E-08	-1.69E-08	-1.53E-08	-6.98E-09	-1.38E-08	-6.90E-10	-1.67E-08	-3.68E-09	-2.29E-09	-3.63E-09	-6.41E-10	-9.09E-10	-2.85E-08
1854	474859.97, 3847490.24	0.52665	-6.66E-05	-3.11E-05	-6.15E-05	-2.31E-08	-6.96E-08	-4.03E-08	-1.88E-08	-1.71E-08	-7.79E-09	-1.54E-08	-7.70E-10	-1.86E-08	-4.11E-09	-2.56E-09	-4.06E-09	-7.15E-10	-1.02E-09	-3.18E-08
1855	474859.97, 3847540.24	0.5848	-7.40E-05	-3.46E-05	-6.83E-05	-2.56E-08	-7.73E-08	-4.48E-08	-2.09E-08	-1.90E-08	-8.65E-09	-1.71E-08	-8.55E-10	-2.07E-08	-4.56E-09	-2.84E-09	-4.51E-09	-7.94E-10	-1.13E-09	-3.53E-08
1856	474859.97, 3847590.24	0.641	-8.11E-05	-3.79E-05	-7.49E-05	-2.81E-08	-8.48E-08	-4.91E-08	-2.29E-08	-2.08E-08	-9.49E-09	-1.87E-08	-9.37E-10	-2.26E-08	-5.00E-09	-3.11E-09	-4.94E-09	-8.71E-10	-1.24E-09	-3.87E-08
1857	474859.97, 3847640.24	0.69777	-8.83E-05	-4.13E-05	-8.15E-05	-3.06E-08	-9.23E-08	-5.34E-08	-2.50E-08	-2.26E-08	-1.03E-08	-2.04E-08	-1.02E-09	-2.46E-08	-5.44E-09	-3.39E-09	-5.38E-09	-9.48E-10	-1.35E-09	-4.22E-08
1858	474859.97, 3847690.24	0.78584	-9.94E-05	-4.65E-05	-9.18E-05	-3.44E-08	-1.04E-07	-6.02E-08	-2.81E-08	-2.55E-08	-1.16E-08	-2.30E-08	-1.15E-09	-2.78E-08	-6.13E-09	-3.82E-09	-6.06E-09	-1.07E-09	-1.52E-09	-4.75E-08
1859	474859.97, 3847740.24	0.89587	-1.13E-04	-5.30E-05	-1.05E-04	-3.92E-08	-1.18E-07	-6.86E-08	-3.21E-08	-2.91E-08	-1.33E-08	-2.62E-08	-1.31E-09	-3.16E-08	-6.98E-09	-4.35E-09	-6.90E-09	-1.22E-09	-1.73E-09	-5.41E-08
1860	474859.97, 3847790.24	1.03772	-1.31E-04	-6.14E-05	-1.21E-04	-4.54E-08	-1.37E-07	-7.94E-08	-3.71E-08	-3.37E-08	-1.54E-08	-3.03E-08	-1.52E-09	-3.67E-08	-8.09E-09	-5.04E-09	-8.00E-09	-1.41E-09	-2.00E-09	-6.27E-08
1861	474859.97, 3847840.24	1.20587	-1.53E-04	-7.13E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.23E-08	-4.31E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.26E-08	-9.40E-09	-5.86E-09	-9.29E-09	-1.64E-09	-2.32E-09	-7.29E-08
1862	474859.97, 3847890.24	1.37812	-1.74E-04	-8.15E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.33E-08
1863	474909.97, 3847440.24	0.45319	-5.73E-05	-2.68E-05	-5.29E-05	-1.98E-08	-5.99E-08	-3.47E-08	-1.62E-08	-1.47E-08	-6.71E-09	-1.32E-08	-6.63E-10	-1.60E-08	-3.53E-09	-2.20E-09	-3.49E-09	-6.16E-10	-8.74E-10	-2.74E-08
1864	474909.97, 3847490.24	0.50842	-6.43E-05	-3.01E-05	-5.94E-05	-2.23E-08	-6.72E-08	-3.89E-08	-1.82E-08	-1.65E-08	-7.52E-09	-1.49E-08	-7.44E-10	-1.80E-08	-3.96E-09	-2.47E-09	-3.92E-09	-6.91E-10	-9.80E-10	-3.07E-08
1865	474909.97, 3847540.24	0.55604	-7.03E-05	-3.29E-05	-6.49E-05	-2.44E-08	-7.35E-08	-4.26E-08	-1.99E-08	-1.80E-08	-8.23E-09	-1.63E-08	-8.13E-10	-1.96E-08	-4.33E-09	-2.70E-09	-4.29E-09	-7.55E-10	-1.07E-09	-3.36E-08
1866	474909.97, 3847590.24	0.61154	-7.74E-05	-3.62E-05	-7.14E-05	-2.68E-08	-8.09E-08	-4.68E-08	-2.19E-08	-1.98E-08	-9.05E-09	-1.79E-08	-8.94E-10	-2.16E-08	-4.77E-09	-2.97E-09	-4.71E-09	-8.31E-10	-1.18E-09	-3.70E-08
1867	474909.97, 3847640.24	0.67876	-8.59E-05	-4.01E-05	-7.93E-05	-2.97E-08	-8.98E-08	-5.20E-08	-2.43E-08	-2.20E-08	-1.00E-08	-1.98E-08	-9.93E-10	-2.40E-08	-5.29E-09	-3.30E-09	-5.23E-09	-9.22E-10	-1.31E-09	-4.10E-08
1868	474909.97, 3847690.24	0.76137	-9.63E-05	-4.50E-05	-8.89E-05	-3.33E-08	-1.01E-07	-5.83E-08	-2.72E-08	-2.47E-08	-1.13E-08	-2.23E-08	-1.11E-09	-2.69E-08	-5.93E-09	-3.70E-09	-5.87E-09	-1.03E-09	-1.47E-09	-4.60E-08
1869	474909.97, 3847740.24	0.85922	-1.09E-04	-5.08E-05	-1.00E-04	-3.76E-08	-1.14E-07	-6.58E-08	-3.07E-08	-2.79E-08	-1.27E-08	-2.51E-08	-1.26E-09	-3.04E-08	-6.70E-09	-4.17E-09	-6.62E-09	-1.17E-09	-1.66E-09	-5.19E-08
1870	474909.97, 3847790.24	0.98862	-1.25E-04	-5.85E-05	-1.15E-04	-4.33E-08	-1.31E-07	-7.57E-08	-3.54E-08	-3.21E-08	-1.46E-08	-2.89E-08	-1.45E-09	-3.49E-08	-7.71E-09	-4.80E-09	-7.62E-09	-1.34E-09	-1.91E-09	-5.97E-08
1871	474909.97, 3847840.24	1.1437	-1.45E-04	-6.76E-05	-1.34E-04	-5.01E-08	-1.51E-07	-8.75E-08	-4.09E-08	-3.71E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.92E-09	-5.56E-09	-8.81E-09	-1.55E-09	-2.20E-09	-6.91E-08
1872	474909.97, 3847890.24	1.30684	-1.65E-04	-7.73E-05	-1.53E-04	-5.72E-08	-1.73E-07	-1.00E-07	-4.68E-08	-4.24E-08	-1.93E-08	-3.82E-08	-1.91E-09	-4.62E-08	-1.02E-08	-6.35E-09	-1.01E-08	-1.77E-09	-2.52E-09	-7.90E-08
1873	474909.97, 3847940.24	1.46391	-1.85E-04	-8.66E-05	-1.71E-04	-6.41E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.11E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.85E-08
1874	474959.97, 3847490.24	0.48952	-6.19E-05	-2.89E-05	-5.72E-05	-2.14E-08	-6.47E-08	-3.75E-08	-1.75E-08	-1.59E-08	-7.24E-09	-1.43E-08	-7.16E-10	-1.73E-08	-3.82E-09	-2.38E-09	-3.77E-09	-6.65E-10	-9.44E-10	-2.96E-08
1875	474959.97, 3847540.24	0.53618	-6.78E-05	-3.17E-05	-6.26E-05	-2.35E-08	-7.09E-08	-4.10E-08	-1.92E-08	-1.74E-08	-7.94E-09	-1.57E-08	-7.84E-10	-1.89E-08	-4.18E-09	-2.60E-09	-4.13E-09	-7.28E-10	-1.03E-09	-3.24E-08
1876	474959.97, 3847590.24	0.59217	-7.49E-05	-3.50E-05	-6.92E-05	-2.59E-08	-7.83E-08	-4.53E-08	-2.12E-08	-1.92E-08	-8.76E-09	-1.73E-08	-8.66E-10	-2.09E-08	-4.62E-09	-2.88E-09	-4.56E-09	-8.04E-10	-1.14E-09	-3.58E-08
1877	474959.97, 3847640.24	0.66599	-8.43E-05	-3.94E-05	-7.78E-05	-2.92E-08	-8.81E-08	-5.10E-08	-2.38E-08	-2.16E-08	-9.86E-09	-1.95E-08	-9.74E-10	-2.35E-08	-5.19E-09	-3.24E-09	-5.13E-09	-9.05E-10	-1.28E-09	-4.02E-08
1878	474959.97, 3847690.24	0.74769	-9.46E-05	-4.42E-05	-8.73E-05	-3.27E-08	-9.89E-08	-5.72E-08	-2.68E-08	-2.43E-08	-1.11E-08	-2.19E-08	-1.09E-09	-2.64E-08	-5.83E-09	-3.63E-09	-5.76E-09	-1.02E-09	-1.44E-09	-4.52E-08
1879	474959.97, 3847740.24	0.82478	-1.04E-04	-4.88E-05	-9.63E-05	-3.61E-08	-1.09E-07	-6.31E-08	-2.95E-08	-2.68E-08	-1.22E-08	-2.41E-08	-1.21E-09	-2.91E-08	-6.43E-09	-4.01E-09	-6.36E-09	-1.12E-09	-1.59E-09	-4.98E-08
1880	474959.97, 3847790.24	0.95555	-1.21E-04	-5.65E-05	-1.12E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.38E-08	-7.45E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
1881	474959.97, 3847840.24	1.09279	-1.38E-04	-6.46E-05	-1.28E-04	-4.79E-08	-1.45E-07	-8.37E-08	-3.91E-08	-3.54E-08	-1.62E-08	-3.19E-08	-1.60E-09	-3.86E-08	-8.52E-09	-5.31E-09	-8.42E-09	-1.48E-09	-2.11E-09	-6.60E-08
1882	474959.97, 3847890.24	1.23786	-1.57E-04	-7.32E-05	-1.45E-04	-5.42E-08	-1.64E-07	-9.48E-08	-4.43E-08	-4.01E-08	-1.83E-08	-3.62E-08	-1.81E-09	-4.37E-08	-9.65E-09	-6.01E-09	-9.54E-09	-1.68E-09	-2.39E-09	-7.48E-08
1883	474959.97, 3847940.24	1.39003	-1.76E-04	-8.22E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.97E-08	-4.51E-08	-2.06E-08	-4.06E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.75E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.40E-08
1884	474959.97, 3847990.24	1.55237	-1.96E-04	-9.18E-05	-1.81E-04	-6.80E-08	-2.05E-07	-1.19E-07	-5.55E-08	-5.04E-08	-2.30E-08	-4.54E-08	-2.27E-09	-5.48E-08	-1.21E-08	-7.54E-09	-1.20E-08	-2.11E-09	-2.99E-09	-9.38E-08
1885	475009.97, 3847540.24	0.53729	-6.80E-05	-3.18E-05	-6.27E-05	-2.35E-08	-7.10E-08	-4.11E-08	-1.92E-08	-1.74E-08	-7.95E-09	-1.57E-08	-7.86E-10	-1.90E-08	-4.19E-09	-2.61E-09	-4.14E-09	-7.30E-10	-1.04E-09	-3.25E-08
1886	475009.97, 3847590.24	0.58757	-7.43E-05	-3.47E-05	-6.86E-05	-2.57E-08	-7.77E-08	-4.50E-08	-2.10E-08	-1.91E-08	-8.70E-09	-1.72E-08	-8.59E-10	-2.08E-08	-4.58E-09	-2.85E-09	-4.53E-09	-7.98E-10	-1.13E-09	-3.55E-08
1887	475009.97, 3847640.24	0.6521	-8.25E-05	-3.86E-05	-7.62E-05	-2.86E-08	-8.62E-08	-4.99E-08	-2.33E-08	-2.12E-08	-9.65E-09	-1.91E-08	-9.54E-10	-2.30E-08	-5.08E-09	-3.17E-09	-5.03E-09	-8.86E-10	-1.26E-09	-3.94E-08
1888	475009.97, 3847690.24	0.72673	-9.19E-05	-4.30E-05	-8.49E-05	-3.18E-08	-9.61E-08	-5.56E-08	-2.60E-08	-2.36E-08	-1.08E-08	-2.12E-08	-1.06E-09	-2.57E-08	-5.66E-09	-3.53E-09	-5.60E-09	-9.87E-10	-1.40E-09	-4.39E-08
1889	475009.97, 3847740.24	0.81763	-1.03E-04	-4.83E-05	-9.55E-05	-3.58E-08	-1.08E-07	-6.26E-08	-2.93E-08	-2.65E-08	-1.21E-08	-2.39E-08	-1.20E-09	-2.89E-08	-6.37E-09	-3.97E-09	-6.30E-09	-1.11E-09	-1.58E-09	-4.94E-08
1890	475009.97, 3847790.24	0.92217	-1.17E-04	-5.45E-05	-1.08E-04	-4.04E-08	-1.22E-07	-7.06E-08	-3.30E-08	-2.99E-08	-1.36E-08	-2.70E-08	-1.35E-09	-3.26E-08	-7.19E-09	-4.48E-09	-7.11E-09	-1.25E-09	-1.78E-09	-5.57E-08
1891	475009.97, 3847840.24	1.03882	-1.31E-04	-6.14E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.95E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.10E-09	-5.05E-09	-8.01E-09	-1.41E-09	-2.00E-09	-6.28E-08
1892	475009.97, 3847890.24	1.17057	-1.48E-04	-6.92E-05	-1.37E-04	-5.13E-08	-1.55E-07	-8.96E-08	-4.19E-08	-3.80E-08	-1.73E-08	-3.42E-08	-1.71E-09	-4.14E-08	-9.12E-09	-5.69E-09	-9.02E-09	-1.59E-09	-2.26E-09	-7.07E-08
1893	475009.97, 3847940.24	1.31492	-1.66E-04	-7.78E-05	-1.54E-04	-5.76E-08	-1.74E-07	-1.01E-07	-4.70E-08	-4.26E-08	-1.95E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.39E-09	-1.01E-08	-1.79E-09	-2.54E-09	-7.95E-08
1894	475009.97, 3847990.24	1.4653	-1.85E-04	-8.66E-05	-1.71E-04	-6.42E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.18E-08	-1.14E-08	-7.12E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.86E-08
1895	475059.97, 3847590.24	0.5857	-7.41E-05	-3.46E-05	-6.84E-05	-2.57E-08	-7.74E-08	-4.48E-08	-2.10E-08	-1.90E-08	-8.67E-09	-1.71E-08	-8.57E-10	-2.07E-08	-4.57E-09	-2.85E-09	-4.51E-09	-7.95E-10	-1.13E-09	-3.54E-08
1896	475059.97, 3847640.24	0.63749	-8.07E-05	-3.77E-05	-7.44E-05	-2.79E-08	-8.43E-08	-4.88E-08	-2.28E-08	-2.07E-08	-9.43E-09	-1.86E-08	-9.32E-10	-2.25E-08	-4.97E-09	-3.10E-09	-4.91E-09	-8.66E-10	-1.23E-09	-3.85E-08
1897	475059.97, 3847690.24	0.69931	-8.85E-05	-4.14E-05	-8.17E-05	-3.06E-08	-9.25E-08	-5.35E-08	-2.50E-08	-2.27E-08	-1.03E-08	-2.04E-08	-1.02E-09	-2.47E-08	-5.45E-09	-3.40E-09	-5.39E-09	-9.50E-10	-1.35E-09	-4.23E-08
1898	475059.97, 3847740.24	0.77491	-9.80E-05	-4.58E-05	-9.05E-05	-3.39E-08	-1.02E-07	-5.93E-08	-2.77E-08	-2.51E-08	-1.15E-08	-2.26E-08	-1.13E-09	-2.74E-08	-6.04E-09	-3.76E-09	-5.97E-09	-1.05E-09	-1.49E-09	-4.68E-08
1899	475059.97, 3847790.24	0.86544	-1.09E-04	-5.12E-05	-1.01E-04	-3.79E-08	-1.14E-07	-6.62E-08	-3.10E-08	-2.81E-08	-1.28E-08	-2.53E-08	-1.27E-09	-3.06E-08	-6.75E-09	-4.20E-09	-6.67E-09	-1.18E-09	-1.67E-09	-5.23E-08
1900	475059.97, 3847840.24	0.97285	-1.23E-04	-5.75E-05	-1.14E-04	-4.26E-08	-1.29E-07	-7.45E-08	-3.48E-08	-3.16E-08	-1.44E-08	-2.84E-08	-1.42E-09	-3.44E-08	-7.58E-09	-4.73E-09	-7.50E-09	-1.32E-09	-1.88E-09	-5.88E-08
1901	475059.97, 3847890.24	1.08695	-1.38E-04	-6.43E-05	-1.27E-04	-4.76E-08	-1.44E-07	-8.32E-08	-3.89E-08	-3.53E-08	-1.61E-08	-3.18E-08	-1.59E-09	-3.84E-08	-8.47E-09	-5.28E-09	-8.38E-09	-1.48E-09	-2.10E-09	-6.57E-08
1902	475059.97, 3847940.24	1.23375	-1.56E-04	-7.30E-05	-1.44E-04	-5.40E-08	-1.63E-07	-9.44E-08	-4.41E-08	-4.00E-08	-1.83E-08	-3.61E-08	-1.80E-09	-4.36E-08	-9.62E-09	-5.99E-09	-9.51E-09	-1.68E-09	-2.38E-09	-7.46E-08
1903	475059.97, 3847990.24	1.37663	-1.74E-04	-8.14E-05	-1.61E-04	-6.03E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.02E-08	-2.01E-09	-4.86E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.32E-08
1904	475059.97, 3848040.24	1.50925	-1.91E-04	-8.92E-05	-1.76E-04	-6.61E-08	-2.00E-07	-1.16E-07	-5.40E-08	-4.90E-08	-2.23E-08	-4.41E-08	-2.21E-09	-5.33E-08	-1.18E-08	-7.33E-09	-1.16E-08	-2.05E-09	-2.91E-09	-9.12E-08
1905	475109.97, 3847640.24	0.64168	-8.12E-05	-3.79E-05	-7.49E-05	-2.81E-08	-8.49E-08	-4.91E-08	-2.30E-08	-2.08E-08	-9.50E-09	-1.88E-08	-9.38E-10	-2.27E-08	-5.00E-09	-3.12E-09	-4.95E-09	-8.72E-10	-1.24E-09	-3.88E-08
1906	475109.97, 3847690.24	0.68064	-8.61E-05	-4.02E-05	-7.95E-05	-2.98E-08	-9.00E-08	-5.21E-08	-2.44E-08	-2.21E-08	-1.01E-08	-1.99E-08	-9.95E-10	-2.40E-08	-5.31E-09	-3.31E-09	-5.25E-09	-9.24E-10	-1.31E-09	-4.11E-08
1907	475109.97, 3847740.24	0.7427	-9.40E-05	-4.39E-05	-8.67E-05	-3.25E-08	-9.82E-08	-5.69E-08	-2.66E-08	-2.41E-08	-1.10E-08	-2.17E-08	-1.09E-09	-2.62E-08	-5.79E-09	-3.61E-09	-5.72E-09	-1.01E-09	-1.43E-09	-4.49E-08
1908	475109.97, 3847790.24	0.84486	-1.07E-04	-5.00E-05	-9.87E-05	-3.70E-08	-1.12E-07	-6.47E-08	-3.02E-08	-2.74E-08	-1.25E-08	-2.47E-08	-1.24E-09	-2.98E-08	-6.59E-09	-4.10E-09	-6.51E-09	-1.15E-09	-1.63E-09	-5.11E-08
1909	475109.97, 3847840.24	0.96663	-1.22E-04	-5.72E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.40E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.41E-09	-3.41E-08	-7.53E-09	-4.70E-09	-7.45E-09	-1.31E-09	-1.86E-09	-5.84E-08
1910	475109.97, 3847890.24	1.0898	-1.38E-04	-6.44E-05	-1.27E-04	-4.77E-08	-1.44E-07	-8.34E-08	-3.90E-08	-3.53E-08	-1.61E-08	-3.19E-08	-1.59E-09	-3.85E-08	-8.49E-09	-5.29E-09	-8.40E-09	-1.48E-09	-2.10E-09	-6.59E-08
1911	475109.97, 3847940.24	1.21812	-1.54E-04	-7.20E-05	-1.42E-04	-5.33E-08	-1.61E-07	-9.32E-08	-4.36E-08	-3.95E-08	-1.80E-08	-3.56E-08	-1.78E-09	-4.30E-08	-9.50E-09	-5.92E-09	-9.39E-09	-1.65E-09	-2.35E-09	-7.36E-08
1912	475109.97, 3847990.24	1.34932	-1.71E-04	-7.98E-05	-1.58E-04	-5.91E-08	-1.78E-07	-1.03E-07	-4.83E-08	-4.38E-08	-2.00E-08	-3.94E-08	-1.97E-09	-4.77E-08	-1.05E-08	-6.55E-09	-1.04E-08	-1.83E-09	-2.60E-09	-8.15E-08
1913	475109.97, 3848040.24	1.47389	-1.86E-04	-8.72E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.31E-08	-2.16E-09	-5.21E-08	-1.15E-08	-7.16E-09	-1.14E-08	-2.00E-09	-2.84E-09	-8.91E-08
1914	475109.97, 3848090.24	1.60706	-2.03E-04	-9.50E-05	-1.88E-04	-7.04E-08	-2.13E-07	-1.23E-07	-5.75E-08	-5.21E-08	-2.38E-08	-4.70E-08	-2.35E-09	-5.68E-08	-1.25E-08	-7.81E-09	-1.24E-08	-2.18E-09	-3.10E-09	-9.71E-08
1915	475159.97, 3847690.24	0.70121	-8.87E-05	-4.15E-05	-8.19E-05	-3.07E-08	-9.27E-08	-5.37E-08	-2.51E-08	-2.27E-08	-1.04E-08	-2.05E-08	-1.03E-09	-2.48E-08	-5.47E-09	-3.41E-09	-5.40E-09	-9.52E-10	-1.35E-09	-4.24E-08

1916	475159.97, 3847740.24	0.75296	-9.53E-05	-4.45E-05	-8.79E-05	-3.30E-08	-9.96E-08	-5.76E-08	-2.69E-08	-2.44E-08	-1.11E-08	-2.20E-08	-1.10E-09	-2.66E-08	-5.87E-09	-3.66E-09	-5.80E-09	-1.02E-09	-1.45E-09	-4.55E-08
1917	475159.97, 3847790.24	0.84102	-1.06E-04	-4.97E-05	-9.82E-05	-3.68E-08	-1.11E-07	-6.44E-08	-3.01E-08	-2.73E-08	-1.24E-08	-2.46E-08	-1.23E-09	-2.97E-08	-6.56E-09	-4.09E-09	-6.48E-09	-1.14E-09	-1.62E-09	-5.08E-08
1918	475159.97, 3847840.24	0.95548	-1.21E-04	-5.65E-05	-1.12E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.38E-08	-7.45E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
1919	475159.97, 3847890.24	1.06776	-1.35E-04	-6.31E-05	-1.25E-04	-4.68E-08	-1.41E-07	-8.17E-08	-3.82E-08	-3.46E-08	-1.58E-08	-3.12E-08	-1.56E-09	-3.77E-08	-8.32E-09	-5.19E-09	-8.23E-09	-1.45E-09	-2.06E-09	-6.45E-08
1920	475159.97, 3847940.24	1.17582	-1.49E-04	-6.95E-05	-1.37E-04	-5.15E-08	-1.55E-07	-9.00E-08	-4.21E-08	-3.81E-08	-1.74E-08	-3.44E-08	-1.72E-09	-4.15E-08	-9.17E-09	-5.71E-09	-9.06E-09	-1.60E-09	-2.27E-09	-7.11E-08
1921	475159.97, 3847990.24	1.27162	-1.61E-04	-7.52E-05	-1.49E-04	-5.57E-08	-1.68E-07	-9.73E-08	-4.55E-08	-4.12E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.49E-08	-9.91E-09	-6.18E-09	-9.80E-09	-1.73E-09	-2.45E-09	-7.68E-08
1922	475159.97, 3848040.24	1.38263	-1.75E-04	-8.18E-05	-1.61E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.48E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.88E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
1923	475159.97, 3848090.24	1.50934	-1.91E-04	-8.93E-05	-1.76E-04	-6.61E-08	-2.00E-07	-1.16E-07	-5.40E-08	-4.90E-08	-2.23E-08	-4.41E-08	-2.21E-09	-5.33E-08	-1.18E-08	-7.33E-09	-1.16E-08	-2.05E-09	-2.91E-09	-9.12E-08
1924	475159.97, 3848140.24	1.66288	-2.10E-04	-9.83E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.87E-08	-1.30E-08	-8.08E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.00E-07
1925	475209.97, 3847740.24	0.77109	-9.76E-05	-4.56E-05	-9.00E-05	-3.38E-08	-1.02E-07	-5.90E-08	-2.76E-08	-2.50E-08	-1.14E-08	-2.25E-08	-1.13E-09	-2.72E-08	-6.01E-09	-3.75E-09	-5.94E-09	-1.05E-09	-1.49E-09	-4.66E-08
1926	475209.97, 3847790.24	0.84688	-1.07E-04	-5.01E-05	-9.89E-05	-3.71E-08	-1.12E-07	-6.48E-08	-3.03E-08	-2.75E-08	-1.25E-08	-2.48E-08	-1.24E-09	-2.99E-08	-6.60E-09	-4.11E-09	-6.53E-09	-1.15E-09	-1.63E-09	-5.12E-08
1927	475209.97, 3847840.24	0.92612	-1.17E-04	-5.48E-05	-1.08E-04	-4.06E-08	-1.22E-07	-7.09E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.71E-08	-1.35E-09	-3.27E-08	-7.22E-09	-4.50E-09	-7.14E-09	-1.26E-09	-1.79E-09	-5.60E-08
1928	475209.97, 3847890.24	1.01583	-1.29E-04	-6.01E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.78E-08	-3.63E-08	-3.29E-08	-1.50E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.92E-09	-4.93E-09	-7.83E-09	-1.38E-09	-1.96E-09	-6.14E-08
1929	475209.97, 3847940.24	1.09472	-1.38E-04	-6.47E-05	-1.28E-04	-4.79E-08	-1.45E-07	-8.38E-08	-3.92E-08	-3.55E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.87E-08	-8.53E-09	-5.32E-09	-8.44E-09	-1.49E-09	-2.11E-09	-6.62E-08
1930	475209.97, 3847990.24	1.17586	-1.49E-04	-6.95E-05	-1.37E-04	-5.15E-08	-1.55E-07	-9.00E-08	-4.21E-08	-3.81E-08	-1.74E-08	-3.44E-08	-1.72E-09	-4.15E-08	-9.17E-09	-5.71E-09	-9.06E-09	-1.60E-09	-2.27E-09	-7.11E-08
1931	475209.97, 3848040.24	1.291	-1.63E-04	-7.63E-05	-1.51E-04	-5.65E-08	-1.71E-07	-9.88E-08	-4.62E-08	-4.19E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.95E-09	-1.75E-09	-2.49E-09	-7.80E-08
1932	475209.97, 3848090.24	1.4451	-1.83E-04	-8.55E-05	-1.69E-04	-6.33E-08	-1.91E-07	-1.11E-07	-5.17E-08	-4.69E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.13E-08	-7.02E-09	-1.11E-08	-1.96E-09	-2.79E-09	-8.73E-08
1933	475209.97, 3848140.24	1.60126	-2.03E-04	-9.47E-05	-1.87E-04	-7.01E-08	-2.12E-07	-1.23E-07	-5.73E-08	-5.19E-08	-2.37E-08	-4.68E-08	-2.34E-09	-5.66E-08	-1.25E-08	-7.78E-09	-1.23E-08	-2.17E-09	-3.09E-09	-9.68E-08
1934	475209.97, 3848190.24	1.7781	-2.25E-04	-1.05E-04	-2.08E-04	-7.79E-08	-2.35E-07	-1.36E-07	-6.36E-08	-5.77E-08	-2.63E-08	-5.20E-08	-2.60E-09	-6.28E-08	-1.39E-08	-8.64E-09	-1.37E-08	-2.42E-09	-3.43E-09	-1.07E-07
1935	475259.97, 3847790.24	0.79716	-1.01E-04	-4.71E-05	-9.31E-05	-3.49E-08	-1.05E-07	-6.10E-08	-2.85E-08	-2.59E-08	-1.18E-08	-2.33E-08	-1.17E-09	-2.82E-08	-6.21E-09	-3.87E-09	-6.14E-09	-1.08E-09	-1.54E-09	-4.82E-08
1936	475259.97, 3847840.24	0.85715	-1.08E-04	-5.07E-05	-1.00E-04	-3.75E-08	-1.13E-07	-6.56E-08	-3.07E-08	-2.78E-08	-1.27E-08	-2.51E-08	-1.25E-09	-3.03E-08	-6.68E-09	-4.16E-09	-6.61E-09	-1.16E-09	-1.65E-09	-5.18E-08
1937	475259.97, 3847890.24	0.94514	-1.20E-04	-5.59E-05	-1.10E-04	-4.14E-08	-1.25E-07	-7.23E-08	-3.38E-08	-3.07E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.34E-08	-7.37E-09	-4.59E-09	-7.28E-09	-1.28E-09	-1.82E-09	-5.71E-08
1938	475259.97, 3847940.24	1.01	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.34E-07	-7.73E-08	-3.61E-08	-3.28E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.57E-08	-7.87E-09	-4.91E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
1939	475259.97, 3847990.24	1.08523	-1.37E-04	-6.42E-05	-1.27E-04	-4.75E-08	-1.44E-07	-8.31E-08	-3.88E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.46E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.56E-08
1940	475259.97, 3848040.24	1.21888	-1.54E-04	-7.21E-05	-1.42E-04	-5.34E-08	-1.61E-07	-9.33E-08	-4.36E-08	-3.95E-08	-1.80E-08	-3.56E-08	-1.78E-09	-4.31E-08	-9.50E-09	-5.92E-09	-9.39E-09	-1.66E-09	-2.35E-09	-7.37E-08
1941	475259.97, 3848090.24	1.3827	-1.75E-04	-8.18E-05	-1.61E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.48E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.88E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
1942	475259.97, 3848140.24	1.55895	-1.97E-04	-9.22E-05	-1.82E-04	-6.83E-08	-2.06E-07	-1.19E-07	-5.58E-08	-5.06E-08	-2.31E-08	-4.56E-08	-2.28E-09	-5.51E-08	-1.22E-08	-7.57E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.42E-08
1943	475259.97, 3848190.24	1.71216	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.26E-07	-1.31E-07	-6.13E-08	-5.55E-08	-2.53E-08	-5.00E-08	-2.50E-09	-6.05E-08	-1.33E-08	-8.32E-09	-1.32E-08	-2.33E-09	-3.30E-09	-1.03E-07
1944	475259.97, 3848240.24	1.90244	-2.41E-04	-1.12E-04	-2.22E-04	-8.33E-08	-2.52E-07	-1.46E-07	-6.81E-08	-6.17E-08	-2.82E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
1945	475309.97, 3847840.24	0.79888	-1.01E-04	-4.72E-05	-9.33E-05	-3.50E-08	-1.06E-07	-6.12E-08	-2.86E-08	-2.59E-08	-1.18E-08	-2.33E-08	-1.17E-09	-2.82E-08	-6.23E-09	-3.88E-09	-6.16E-09	-1.09E-09	-1.54E-09	-4.83E-08
1946	475309.97, 3847890.24	0.88487	-1.12E-04	-5.23E-05	-1.03E-04	-3.88E-08	-1.17E-07	-6.77E-08	-3.17E-08	-2.87E-08	-1.31E-08	-2.59E-08	-1.29E-09	-3.13E-08	-6.90E-09	-4.30E-09	-6.82E-09	-1.20E-09	-1.71E-09	-5.35E-08
1947	475309.97, 3847940.24	0.91925	-1.16E-04	-5.44E-05	-1.07E-04	-4.03E-08	-1.22E-07	-7.04E-08	-3.29E-08	-2.98E-08	-1.36E-08	-2.69E-08	-1.34E-09	-3.25E-08	-7.17E-09	-4.47E-09	-7.08E-09	-1.25E-09	-1.77E-09	-5.56E-08
1948	475309.97, 3847990.24	0.9884	-1.25E-04	-5.84E-05	-1.15E-04	-4.33E-08	-1.31E-07	-7.57E-08	-3.54E-08	-3.21E-08	-1.46E-08	-2.89E-08	-1.45E-09	-3.49E-08	-7.70E-09	-4.80E-09	-7.62E-09	-1.34E-09	-1.91E-09	-5.97E-08
1949	475309.97, 3848040.24	1.13006	-1.43E-04	-6.68E-05	-1.32E-04	-4.95E-08	-1.49E-07	-8.65E-08	-4.04E-08	-3.67E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.99E-08	-8.81E-09	-5.49E-09	-8.71E-09	-1.53E-09	-2.18E-09	-6.83E-08
1950	475309.97, 3848090.24	1.30148	-1.65E-04	-7.70E-05	-1.52E-04	-5.70E-08	-1.72E-07	-9.96E-08	-4.66E-08	-4.22E-08	-1.93E-08	-3.80E-08	-1.90E-09	-4.60E-08	-1.01E-08	-6.32E-09	-1.00E-08	-1.77E-09	-2.51E-09	-7.87E-08
1951	475309.97, 3848140.24	1.48146	-1.87E-04	-8.76E-05	-1.73E-04	-6.49E-08	-1.96E-07	-1.13E-07	-5.30E-08	-4.81E-08	-2.19E-08	-4.33E-08	-2.17E-09	-5.23E-08	-1.15E-08	-7.20E-09	-1.14E-08	-2.01E-09	-2.86E-09	-8.95E-08
1952	475309.97, 3848190.24	1.65357	-2.09E-04	-9.78E-05	-1.93E-04	-7.24E-08	-2.19E-07	-1.27E-07	-5.92E-08	-5.36E-08	-2.45E-08	-4.83E-08	-2.42E-09	-5.84E-08	-1.29E-08	-8.03E-09	-1.27E-08	-2.25E-09	-3.19E-09	-9.99E-08
1953	475309.97, 3848240.24	1.81396	-2.29E-04	-1.07E-04	-2.12E-04	-7.94E-08	-2.40E-07	-1.39E-07	-6.49E-08	-5.88E-08	-2.68E-08	-5.30E-08	-2.65E-09	-6.41E-08	-1.41E-08	-8.81E-09	-1.40E-08	-2.46E-09	-3.50E-09	-1.10E-07
1954	475309.97, 3848290.24	1.98438	-2.51E-04	-1.17E-04	-2.32E-04	-8.69E-08	-2.62E-07	-1.52E-07	-7.10E-08	-6.44E-08	-2.94E-08	-5.80E-08	-2.90E-09	-7.01E-08	-1.55E-08	-9.64E-09	-1.53E-08	-2.70E-09	-3.83E-09	-1.20E-07
1955	475359.97, 3847890.24	0.82739	-1.05E-04	-4.89E-05	-9.66E-05	-3.62E-08	-1.09E-07	-6.33E-08	-2.96E-08	-2.68E-08	-1.22E-08	-2.42E-08	-1.21E-09	-2.92E-08	-6.45E-09	-4.02E-09	-6.38E-09	-1.12E-09	-1.60E-09	-5.00E-08
1956	475359.97, 3847940.24	0.85722	-1.08E-04	-5.07E-05	-1.00E-04	-3.75E-08	-1.13E-07	-6.56E-08	-3.07E-08	-2.78E-08	-1.27E-08	-2.51E-08	-1.25E-09	-3.03E-08	-6.68E-09	-4.16E-09	-6.61E-09	-1.16E-09	-1.65E-09	-5.18E-08
1957	475359.97, 3847990.24	0.93069	-1.18E-04	-5.50E-05	-1.09E-04	-4.08E-08	-1.23E-07	-7.12E-08	-3.33E-08	-3.02E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.29E-08	-7.25E-09	-4.52E-09	-7.17E-09	-1.26E-09	-1.79E-09	-5.62E-08
1958	475359.97, 3848040.24	1.05671	-1.34E-04	-6.25E-05	-1.23E-04	-4.63E-08	-1.40E-07	-8.09E-08	-3.78E-08	-3.43E-08	-1.56E-08	-3.09E-08	-1.55E-09	-3.73E-08	-8.24E-09	-5.13E-09	-8.14E-09	-1.44E-09	-2.04E-09	-6.39E-08
1959	475359.97, 3848090.24	1.20432	-1.52E-04	-7.12E-05	-1.41E-04	-5.27E-08	-1.59E-07	-9.22E-08	-4.31E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.25E-08	-9.39E-09	-5.85E-09	-9.28E-09	-1.64E-09	-2.32E-09	-7.28E-08
1960	475359.97, 3848140.24	1.38302	-1.75E-04	-8.18E-05	-1.62E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.49E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.89E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
1961	475359.97, 3848190.24	1.53879	-1.95E-04	-9.10E-05	-1.80E-04	-6.74E-08	-2.03E-07	-1.18E-07	-5.51E-08	-4.99E-08	-2.28E-08	-4.50E-08	-2.25E-09	-5.44E-08	-1.20E-08	-7.48E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.30E-08
1962	475359.97, 3848240.24	1.70084	-2.15E-04	-1.01E-04	-1.99E-04	-7.45E-08	-2.25E-07	-1.30E-07	-6.09E-08	-5.52E-08	-2.52E-08	-4.97E-08	-2.49E-09	-6.01E-08	-1.33E-08	-8.26E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
1963	475409.97, 3847940.24	0.81818	-1.04E-04	-4.84E-05	-9.55E-05	-3.58E-08	-1.08E-07	-6.26E-08	-2.93E-08	-2.65E-08	-1.21E-08	-2.39E-08	-1.20E-09	-2.89E-08	-6.38E-09	-3.97E-09	-6.31E-09	-1.11E-09	-1.58E-09	-4.94E-08
1964	475409.97, 3847990.24	0.8817	-1.12E-04	-5.21E-05	-1.03E-04	-3.86E-08	-1.17E-07	-6.75E-08	-3.15E-08	-2.86E-08	-1.30E-08	-2.58E-08	-1.29E-09	-3.11E-08	-6.87E-09	-4.28E-09	-6.79E-09	-1.20E-09	-1.70E-09	-5.33E-08
1965	475409.97, 3848040.24	1.00282	-1.27E-04	-5.93E-05	-1.17E-04	-4.39E-08	-1.33E-07	-7.68E-08	-3.59E-08	-3.25E-08	-1.48E-08	-2.93E-08	-1.47E-09	-3.54E-08	-7.82E-09	-4.87E-09	-7.73E-09	-1.36E-09	-1.93E-09	-6.06E-08
1966	475409.97, 3848090.24	1.13632	-1.44E-04	-6.72E-05	-1.33E-04	-4.98E-08	-1.50E-07	-8.70E-08	-4.07E-08	-3.69E-08	-1.68E-08	-3.32E-08	-1.66E-09	-4.01E-08	-8.86E-09	-5.52E-09	-8.76E-09	-1.54E-09	-2.19E-09	-6.87E-08
1967	475409.97, 3848140.24	1.27201	-1.61E-04	-7.52E-05	-1.49E-04	-5.57E-08	-1.68E-07	-9.74E-08	-4.55E-08	-4.13E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.49E-08	-9.92E-09	-6.18E-09	-9.80E-09	-1.73E-09	-2.45E-09	-7.69E-08
1968	475409.97, 3848190.24	1.41997	-1.80E-04	-8.40E-05	-1.66E-04	-6.22E-08	-1.88E-07	-1.09E-07	-5.08E-08	-4.61E-08	-2.10E-08	-4.15E-08	-2.08E-09	-5.02E-08	-1.11E-08	-6.90E-09	-1.09E-08	-1.93E-09	-2.74E-09	-8.58E-08
1969	475459.97, 3848040.24	0.93663	-1.18E-04	-5.54E-05	-1.09E-04	-4.10E-08	-1.24E-07	-7.17E-08	-3.35E-08	-3.04E-08	-1.39E-08	-2.74E-08	-1.37E-09	-3.31E-08	-7.30E-09	-4.55E-09	-7.22E-09	-1.27E-09	-1.81E-09	-5.66E-08
1970	475459.97, 3848090.24	1.04776	-1.33E-04	-6.20E-05	-1.22E-04	-4.59E-08	-1.39E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.17E-09	-5.09E-09	-8.07E-09	-1.42E-09	-2.02E-09	-6.33E-08
1971	475459.97, 3848140.24	1.16449	-1.47E-04	-6.89E-05	-1.36E-04	-5.10E-08	-1.54E-07	-8.91E-08	-4.17E-08	-3.78E-08	-1.72E-08	-3.40E-08	-1.70E-09	-4.11E-08	-9.08E-09	-5.66E-09	-8.97E-09	-1.58E-09	-2.24E-09	-7.04E-08
1972	475509.97, 3848090.24	0.96463	-1.22E-04	-5.70E-05	-1.13E-04	-4.22E-08	-1.28E-07	-7.38E-08	-3.45E-08	-3.13E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.41E-08	-7.52E-09	-4.69E-09	-7.43E-09	-1.31E-09	-1.86E-09	-5.83E-08
1973	475837.85, 3848791.56	2.62774	-3.32E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.40E-08	-8.52E-08	-3.89E-08	-7.68E-08	-3.84E-09	-9.28E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.57E-09	-5.07E-09	-1.59E-07
1974	475837.85, 3848841.56	2.88277	-3.65E-04	-1.70E-04	-3.37E-04	-1.26E-07	-3.81E-07	-2.21E-07	-1.03E-07	-9.35E-08	-4.27E-08	-8.43E-08	-4.22E-09	-1.02E-07	-2.25E-08	-1.40E-08	-2.22E-08	-3.92E-09	-5.56E-09	-1.74E-07
1975	475837.85, 3848891.56	3.18758	-4.03E-04	-1.88E-04	-3.72E-04	-1.40E-07	-4.22E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.72E-08	-9.32E-08	-4.66E-09	-1.13E-07	-2.48E-08	-1.55E-08	-2.46E-08	-4.33E-09	-6.15E-09	-1.93E-07
1976	475887.85, 3848691.56	2.10539	-2.66E-04	-1.25E-04	-2.46E-04	-9.22E-08	-2.78E-07	-1.61E-07	-7.53E-08	-6.83E-08	-3.12E-08	-6.15E-08	-3.08E-09	-7.44E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
1977	475887.85, 3848741.56	2.31256	-2.93E-04	-1.37E-04	-2.70E-04	-1.01E-07	-3.06E-07	-1.77E-07	-8.27E-08	-7.50E-08	-3.42E-08	-6.76E-08	-3.38E-09	-8.17E-08	-1.80E-08	-1.12E-08	-1.78E-08	-3.14E-09	-4.46E-09	-1.40E-07
1978	475887.85, 3848791.56	2.51041	-3.18E-04	-1.48E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.98E-08	-8.14E-08	-3.72E-08	-7.34E-08	-3.67E-09	-8.87E-08	-1.96E-08	-1.22E-08	-1.93E-08	-3.41E-09	-4.84E-09	-1.52E-07
1979	475887.85, 3848841.56	2.74556	-3.47E-04	-1.62E-04	-3.21E-04	-1.20E-07	-3.63E-07	-2.10E-07	-9.82E-08	-8.91E-08	-4.06E-08	-8.02E-08	-4.02E-09	-9.70E-08	-2.14E-08	-1.33E-08	-2.12E-08	-3.73E-09	-5.29E-09	-1.66E-07

1980	475887.85, 3848891.56	3.0528	-3.86E-04	-1.81E-04	-3.57E-04	-1.34E-07	-4.04E-07	-2.34E-07	-1.09E-07	-9.90E-08	-4.52E-08	-8.92E-08	-4.46E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.15E-09	-5.89E-09	-1.84E-07
1981	475937.85, 3848591.56	1.69034	-2.14E-04	-1.00E-04	-1.97E-04	-7.40E-08	-2.24E-07	-1.29E-07	-6.05E-08	-5.48E-08	-2.50E-08	-4.94E-08	-2.47E-09	-5.97E-08	-1.32E-08	-8.21E-09	-1.30E-08	-2.30E-09	-3.26E-09	-1.02E-07
1982	475937.85, 3848641.56	1.84343	-2.33E-04	-1.09E-04	-2.15E-04	-8.07E-08	-2.44E-07	-1.41E-07	-6.60E-08	-5.98E-08	-2.73E-08	-5.39E-08	-2.70E-09	-6.51E-08	-1.44E-08	-8.96E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
1983	475937.85, 3848691.56	1.999	-2.53E-04	-1.18E-04	-2.33E-04	-8.75E-08	-2.64E-07	-1.53E-07	-7.15E-08	-6.48E-08	-2.96E-08	-5.84E-08	-2.92E-09	-7.06E-08	-1.56E-08	-9.71E-09	-1.54E-08	-2.72E-09	-3.85E-09	-1.21E-07
1984	475937.85, 3848741.56	2.21449	-2.80E-04	-1.31E-04	-2.59E-04	-9.70E-08	-2.93E-07	-1.70E-07	-7.92E-08	-7.18E-08	-3.28E-08	-6.47E-08	-3.24E-09	-7.82E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.01E-09	-4.27E-09	-1.34E-07
1985	475937.85, 3848791.56	2.39527	-3.03E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.83E-07	-8.57E-08	-7.77E-08	-3.54E-08	-7.00E-08	-3.50E-09	-8.46E-08	-1.87E-08	-1.16E-08	-1.85E-08	-3.25E-09	-4.62E-09	-1.45E-07
1986	475937.85, 3848841.56	2.62941	-3.33E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.48E-07	-2.01E-07	-9.41E-08	-8.53E-08	-3.89E-08	-7.69E-08	-3.85E-09	-9.29E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.57E-09	-5.07E-09	-1.59E-07
1987	475937.85, 3848891.56	2.94031	-3.72E-04	-1.74E-04	-3.43E-04	-1.29E-07	-3.89E-07	-2.25E-07	-1.05E-07	-9.54E-08	-4.35E-08	-8.59E-08	-4.30E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.27E-08	-3.99E-09	-5.67E-09	-1.78E-07
1988	475987.85, 3848591.56	1.58882	-2.01E-04	-9.40E-05	-1.86E-04	-6.96E-08	-2.10E-07	-1.22E-07	-5.68E-08	-5.15E-08	-2.35E-08	-4.64E-08	-2.32E-09	-5.61E-08	-1.24E-08	-7.72E-09	-1.22E-08	-2.16E-09	-3.06E-09	-9.60E-08
1989	475987.85, 3848641.56	1.75427	-2.22E-04	-1.04E-04	-2.05E-04	-7.68E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.52E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
1990	475987.85, 3848691.56	1.92247	-2.43E-04	-1.14E-04	-2.25E-04	-8.42E-08	-2.54E-07	-1.47E-07	-6.88E-08	-6.24E-08	-2.85E-08	-5.62E-08	-2.81E-09	-6.79E-08	-1.50E-08	-9.34E-09	-1.48E-08	-2.61E-09	-3.71E-09	-1.16E-07
1991	475987.85, 3848741.56	2.0614	-2.61E-04	-1.22E-04	-2.41E-04	-9.03E-08	-2.73E-07	-1.58E-07	-7.38E-08	-6.69E-08	-3.05E-08	-6.02E-08	-3.01E-09	-7.28E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.97E-09	-1.25E-07
1992	475987.85, 3848791.56	2.29336	-2.90E-04	-1.36E-04	-2.68E-04	-1.00E-07	-3.03E-07	-1.76E-07	-8.21E-08	-7.44E-08	-3.39E-08	-6.70E-08	-3.35E-09	-8.10E-08	-1.79E-08	-1.11E-08	-1.77E-08	-3.11E-09	-4.42E-09	-1.39E-07
1993	476037.85, 3848591.56	1.49863	-1.90E-04	-8.86E-05	-1.75E-04	-6.56E-08	-1.98E-07	-1.15E-07	-5.36E-08	-4.86E-08	-2.22E-08	-4.38E-08	-2.19E-09	-5.29E-08	-1.17E-08	-7.28E-09	-1.15E-08	-2.04E-09	-2.89E-09	-9.06E-08
1994	476037.85, 3848641.56	1.65738	-2.10E-04	-9.80E-05	-1.94E-04	-7.26E-08	-2.19E-07	-1.27E-07	-5.93E-08	-5.38E-08	-2.45E-08	-4.84E-08	-2.42E-09	-5.85E-08	-1.29E-08	-8.05E-09	-1.28E-08	-2.25E-09	-3.20E-09	-1.00E-07
1995	473244.83, 3847557.25	2.51356	-3.18E-04	-1.49E-04	-2.94E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.99E-08	-8.15E-08	-3.72E-08	-7.35E-08	-3.68E-09	-8.88E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.41E-09	-4.85E-09	-1.52E-07
1996	473269.83, 3847582.25	2.46387	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.82E-08	-7.99E-08	-3.65E-08	-7.20E-08	-3.60E-09	-8.70E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
1997	473269.83, 3847607.25	1.9748	-2.50E-04	-1.17E-04	-2.31E-04	-8.65E-08	-2.61E-07	-1.51E-07	-7.07E-08	-6.41E-08	-2.92E-08	-5.77E-08	-2.89E-09	-6.98E-08	-1.54E-08	-9.59E-09	-1.52E-08	-2.68E-09	-3.81E-09	-1.19E-07
1998	473269.83, 3847632.25	1.67836	-2.12E-04	-9.92E-05	-1.96E-04	-7.35E-08	-2.22E-07	-1.28E-07	-6.01E-08	-5.44E-08	-2.48E-08	-4.91E-08	-2.45E-09	-5.93E-08	-1.31E-08	-8.15E-09	-1.29E-08	-2.28E-09	-3.24E-09	-1.01E-07
1999	473269.83, 3847657.25	1.47456	-1.87E-04	-8.72E-05	-1.72E-04	-6.46E-08	-1.95E-07	-1.13E-07	-5.28E-08	-4.78E-08	-2.18E-08	-4.31E-08	-2.16E-09	-5.21E-08	-1.15E-08	-7.16E-09	-1.14E-08	-2.00E-09	-2.84E-09	-8.91E-08
2000	473269.83, 3847682.25	1.32437	-1.68E-04	-7.83E-05	-1.55E-04	-5.80E-08	-1.75E-07	-1.01E-07	-4.74E-08	-4.30E-08	-1.96E-08	-3.87E-08	-1.94E-09	-4.68E-08	-1.03E-08	-6.43E-09	-1.02E-08	-1.80E-09	-2.55E-09	-8.00E-08
2001	473269.83, 3847707.25	1.21508	-1.54E-04	-7.19E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2002	473269.83, 3847732.25	1.12353	-1.42E-04	-6.64E-05	-1.31E-04	-4.92E-08	-1.49E-07	-8.60E-08	-4.02E-08	-3.64E-08	-1.66E-08	-3.28E-08	-1.64E-09	-3.97E-08	-8.76E-09	-5.46E-09	-8.66E-09	-1.53E-09	-2.17E-09	-6.79E-08
2003	473269.83, 3847757.25	1.04708	-1.32E-04	-6.19E-05	-1.22E-04	-4.59E-08	-1.38E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.16E-09	-5.09E-09	-8.07E-09	-1.42E-09	-2.02E-09	-6.33E-08
2004	473269.83, 3847782.25	0.98293	-1.24E-04	-5.81E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.52E-08	-3.52E-08	-3.19E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.66E-09	-4.77E-09	-7.57E-09	-1.34E-09	-1.89E-09	-5.94E-08
2005	473269.83, 3847807.25	0.92653	-1.17E-04	-5.48E-05	-1.08E-04	-4.06E-08	-1.23E-07	-7.09E-08	-3.32E-08	-3.01E-08	-1.37E-08	-2.71E-08	-1.35E-09	-3.27E-08	-7.22E-09	-4.50E-09	-7.14E-09	-1.26E-09	-1.79E-09	-5.60E-08
2006	473269.83, 3847832.25	0.88001	-1.11E-04	-5.20E-05	-1.03E-04	-3.85E-08	-1.16E-07	-6.74E-08	-3.15E-08	-2.85E-08	-1.30E-08	-2.57E-08	-1.29E-09	-3.11E-08	-6.86E-09	-4.28E-09	-6.78E-09	-1.20E-09	-1.70E-09	-5.32E-08
2007	473269.83, 3847857.25	0.838	-1.06E-04	-4.96E-05	-9.79E-05	-3.67E-08	-1.11E-07	-6.41E-08	-3.00E-08	-2.72E-08	-1.24E-08	-2.45E-08	-1.23E-09	-2.96E-08	-6.53E-09	-4.07E-09	-6.46E-09	-1.14E-09	-1.62E-09	-5.06E-08
2008	473269.83, 3847882.25	0.79976	-1.01E-04	-4.73E-05	-9.34E-05	-3.50E-08	-1.06E-07	-6.12E-08	-2.86E-08	-2.59E-08	-1.18E-08	-2.34E-08	-1.17E-09	-2.83E-08	-6.23E-09	-3.89E-09	-6.16E-09	-1.09E-09	-1.54E-09	-4.83E-08
2009	473269.83, 3847907.25	0.76475	-9.68E-05	-4.52E-05	-8.93E-05	-3.35E-08	-1.01E-07	-5.85E-08	-2.74E-08	-2.48E-08	-1.13E-08	-2.24E-08	-1.12E-09	-2.70E-08	-5.96E-09	-3.72E-09	-5.89E-09	-1.04E-09	-1.47E-09	-4.62E-08
2010	473269.83, 3847932.25	0.73289	-9.27E-05	-4.33E-05	-8.56E-05	-3.21E-08	-9.69E-08	-5.61E-08	-2.62E-08	-2.38E-08	-1.08E-08	-2.14E-08	-1.07E-09	-2.59E-08	-5.71E-09	-3.56E-09	-5.65E-09	-9.95E-10	-1.41E-09	-4.43E-08
2011	473269.83, 3847957.25	0.70404	-8.91E-05	-4.16E-05	-8.22E-05	-3.08E-08	-9.31E-08	-5.39E-08	-2.52E-08	-2.28E-08	-1.04E-08	-2.06E-08	-1.03E-09	-2.49E-08	-5.49E-09	-3.42E-09	-5.43E-09	-9.56E-10	-1.36E-09	-4.25E-08
2012	473269.83, 3847982.25	0.67688	-8.56E-05	-4.00E-05	-7.90E-05	-2.96E-08	-8.95E-08	-5.18E-08	-2.42E-08	-2.20E-08	-1.00E-08	-1.98E-08	-9.90E-10	-2.39E-08	-5.28E-09	-3.29E-09	-5.22E-09	-9.19E-10	-1.30E-09	-4.09E-08
2013	473294.83, 3847607.25	2.3642	-2.99E-04	-1.40E-04	-2.76E-04	-1.04E-07	-3.13E-07	-1.81E-07	-8.46E-08	-7.67E-08	-3.50E-08	-6.91E-08	-3.46E-09	-8.35E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.21E-09	-4.56E-09	-1.43E-07
2014	473294.83, 3847632.25	1.93179	-2.44E-04	-1.14E-04	-2.26E-04	-8.46E-08	-2.55E-07	-1.48E-07	-6.91E-08	-6.27E-08	-2.86E-08	-5.65E-08	-2.83E-09	-6.82E-08	-1.51E-08	-9.38E-09	-1.49E-08	-2.62E-09	-3.72E-09	-1.17E-07
2015	473294.83, 3847657.25	1.65479	-2.09E-04	-9.79E-05	-1.93E-04	-7.25E-08	-2.19E-07	-1.27E-07	-5.92E-08	-5.37E-08	-2.45E-08	-4.84E-08	-2.42E-09	-5.85E-08	-1.29E-08	-8.04E-09	-1.28E-08	-2.25E-09	-3.19E-09	-1.00E-07
2016	473294.83, 3847682.25	1.46323	-1.85E-04	-8.65E-05	-1.71E-04	-6.41E-08	-1.93E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.11E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.84E-08
2017	473294.83, 3847707.25	1.32289	-1.67E-04	-7.82E-05	-1.54E-04	-5.79E-08	-1.75E-07	-1.01E-07	-4.73E-08	-4.29E-08	-1.96E-08	-3.87E-08	-1.93E-09	-4.67E-08	-1.03E-08	-6.43E-09	-1.02E-08	-1.80E-09	-2.55E-09	-7.99E-08
2018	473294.83, 3847732.25	1.21437	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2019	473294.83, 3847757.25	1.12617	-1.42E-04	-6.66E-05	-1.32E-04	-4.93E-08	-1.49E-07	-8.62E-08	-4.03E-08	-3.65E-08	-1.67E-08	-3.29E-08	-1.65E-09	-3.98E-08	-8.78E-09	-5.47E-09	-8.68E-09	-1.53E-09	-2.17E-09	-6.81E-08
2020	473294.83, 3847782.25	1.05081	-1.33E-04	-6.21E-05	-1.23E-04	-4.60E-08	-1.39E-07	-8.04E-08	-3.76E-08	-3.41E-08	-1.56E-08	-3.07E-08	-1.54E-09	-3.71E-08	-8.19E-09	-5.10E-09	-8.10E-09	-1.43E-09	-2.03E-09	-6.35E-08
2021	473294.83, 3847807.25	0.98359	-1.24E-04	-5.82E-05	-1.15E-04	-4.31E-08	-1.30E-07	-7.53E-08	-3.52E-08	-3.19E-08	-1.46E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.67E-09	-4.78E-09	-7.58E-09	-1.34E-09	-1.90E-09	-5.94E-08
2022	473294.83, 3847832.25	0.92943	-1.18E-04	-5.50E-05	-1.09E-04	-4.07E-08	-1.23E-07	-7.11E-08	-3.33E-08	-3.01E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.28E-08	-7.24E-09	-4.52E-09	-7.16E-09	-1.26E-09	-1.79E-09	-5.62E-08
2023	473294.83, 3847857.25	0.88245	-1.12E-04	-5.22E-05	-1.03E-04	-3.86E-08	-1.17E-07	-6.76E-08	-3.16E-08	-2.86E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.88E-09	-4.29E-09	-6.80E-09	-1.20E-09	-1.70E-09	-5.33E-08
2024	473294.83, 3847882.25	0.84016	-1.06E-04	-4.97E-05	-9.81E-05	-3.68E-08	-1.11E-07	-6.43E-08	-3.01E-08	-2.73E-08	-1.24E-08	-2.46E-08	-1.23E-09	-2.97E-08	-6.55E-09	-4.08E-09	-6.47E-09	-1.14E-09	-1.62E-09	-5.08E-08
2025	473294.83, 3847907.25	0.80175	-1.01E-04	-4.74E-05	-9.36E-05	-3.51E-08	-1.06E-07	-6.14E-08	-2.87E-08	-2.60E-08	-1.19E-08	-2.34E-08	-1.17E-09	-2.83E-08	-6.25E-09	-3.89E-09	-6.18E-09	-1.09E-09	-1.55E-09	-4.85E-08
2026	473294.83, 3847932.25	0.76727	-9.71E-05	-4.54E-05	-8.96E-05	-3.36E-08	-1.01E-07	-5.87E-08	-2.75E-08	-2.49E-08	-1.14E-08	-2.24E-08	-1.12E-09	-2.71E-08	-5.98E-09	-3.73E-09	-5.91E-09	-1.04E-09	-1.48E-09	-4.64E-08
2027	473294.83, 3847957.25	0.73552	-9.31E-05	-4.35E-05	-8.59E-05	-3.22E-08	-9.73E-08	-5.63E-08	-2.63E-08	-2.39E-08	-1.09E-08	-2.15E-08	-1.08E-09	-2.60E-08	-5.73E-09	-3.57E-09	-5.67E-09	-9.99E-10	-1.42E-09	-4.44E-08
2028	473294.83, 3847982.25	0.706	-8.93E-05	-4.17E-05	-8.24E-05	-3.09E-08	-9.34E-08	-5.40E-08	-2.53E-08	-2.29E-08	-1.04E-08	-2.06E-08	-1.03E-09	-2.49E-08	-5.50E-09	-3.43E-09	-5.44E-09	-9.59E-10	-1.36E-09	-4.27E-08
2029	473294.83, 3848007.25	0.67801	-8.58E-05	-4.01E-05	-7.92E-05	-2.97E-08	-8.97E-08	-5.19E-08	-2.43E-08	-2.20E-08	-1.00E-08	-1.98E-08	-9.92E-10	-2.40E-08	-5.29E-09	-3.29E-09	-5.23E-09	-9.21E-10	-1.31E-09	-4.10E-08
2030	473319.83, 3847607.25	2.9726	-3.76E-04	-1.76E-04	-3.47E-04	-1.30E-07	-3.93E-07	-2.28E-07	-1.06E-07	-9.64E-08	-4.40E-08	-8.69E-08	-4.35E-09	-1.05E-07	-2.32E-08	-1.44E-08	-2.29E-08	-4.04E-09	-5.73E-09	-1.80E-07
2031	473319.83, 3847632.25	2.26879	-2.87E-04	-1.34E-04	-2.65E-04	-9.94E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.63E-08	-3.32E-09	-8.01E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
2032	473319.83, 3847657.25	1.86602	-2.36E-04	-1.10E-04	-2.18E-04	-8.17E-08	-2.47E-07	-1.43E-07	-6.68E-08	-6.05E-08	-2.76E-08	-5.45E-08	-2.73E-09	-6.59E-08	-1.45E-08	-9.06E-09	-1.44E-08	-2.53E-09	-3.60E-09	-1.13E-07
2033	473319.83, 3847682.25	1.61874	-2.05E-04	-9.57E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.40E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.86E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.78E-08
2034	473319.83, 3847707.25	1.44504	-1.83E-04	-8.55E-05	-1.69E-04	-6.33E-08	-1.91E-07	-1.11E-07	-5.17E-08	-4.69E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.13E-08	-7.02E-09	-1.11E-08	-1.96E-09	-2.79E-09	-8.73E-08
2035	473319.83, 3847732.25	1.31349	-1.66E-04	-7.77E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.01E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.38E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.94E-08
2036	473319.83, 3847757.25	1.20789	-1.53E-04	-7.14E-05	-1.41E-04	-5.29E-08	-1.60E-07	-9.25E-08	-4.32E-08	-3.92E-08	-1.79E-08	-3.53E-08	-1.77E-09	-4.27E-08	-9.42E-09	-5.87E-09	-9.31E-09	-1.64E-09	-2.33E-09	-7.30E-08
2037	473319.83, 3847782.25	1.11985	-1.42E-04	-6.62E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.57E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.96E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
2038	473319.83, 3847807.25	1.04578	-1.32E-04	-6.18E-05	-1.22E-04	-4.58E-08	-1.38E-07	-8.01E-08	-3.74E-08	-3.39E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.69E-08	-8.15E-09	-5.08E-09	-8.06E-09	-1.42E-09	-2.02E-09	-6.32E-08
2039	473319.83, 3847832.25	0.98581	-1.25E-04	-5.83E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.68E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
2040	473319.83, 3847857.25	0.9304	-1.18E-04	-5.50E-05	-1.09E-04	-4.07E-08	-1.23E-07	-7.12E-08	-3.33E-08	-3.02E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.29E-08	-7.25E-09	-4.52E-09	-7.17E-09	-1.26E-09	-1.79E-09	-5.62E-08
2041	473319.83, 3847882.25	0.88228	-1.12E-04	-5.22E-05	-1.03E-04	-3.86E-08	-1.17E-07	-6.75E-08	-3.16E-08	-2.86E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.88E-09	-4.29E-09	-6.80E-09	-1.20E-09	-1.70E-09	-5.33E-08
2042	473319.83, 3847907.25	0.84065	-1.06E-04	-4.97E-05	-9.82E-05	-3.68E-08	-1.11E-07	-6.44E-08	-3.01E-08	-2.73E-08	-1.24E-08	-2.46E-08	-1.23E-09	-2.97E-08	-6.55E-09	-4.08E-09	-6.48E-09	-1.14E-09	-1.62E-09	-5.08E-08
2043	473319.83, 3847932.25	0.80279	-1.02E-04	-4.75E-05	-9.38E-05	-3.52E-08	-1.06E-07	-6.15E-08	-2.87E-08	-2.60E-08	-1.19E-08	-2.35E-08	-1.17E-09	-2.84E-08	-6.26E-09	-3.90E-09	-6.19E-09	-1.09E-09	-1.55E-09	-4.85E-08

2044	473319.83, 3847957.25	0.76806	-9.72E-05	-4.54E-05	-8.97E-05	-3.36E-08	-1.02E-07	-5.88E-08	-2.75E-08	-2.49E-08	-1.14E-08	-2.24E-08	-1.12E-09	-2.71E-08	-5.99E-09	-3.73E-09	-5.92E-09	-1.04E-09	-1.48E-09	-4.64E-08
2045	473319.83, 3847982.25	0.73644	-9.32E-05	-4.35E-05	-8.60E-05	-3.23E-08	-9.74E-08	-5.64E-08	-2.63E-08	-2.39E-08	-1.09E-08	-2.15E-08	-1.08E-09	-2.60E-08	-5.74E-09	-3.58E-09	-5.68E-09	-1.00E-09	-1.42E-09	-4.45E-08
2046	473319.83, 3848007.25	0.7064	-8.94E-05	-4.18E-05	-8.25E-05	-3.09E-08	-9.34E-08	-5.41E-08	-2.53E-08	-2.29E-08	-1.05E-08	-2.06E-08	-1.03E-09	-2.50E-08	-5.51E-09	-3.43E-09	-5.44E-09	-9.59E-10	-1.36E-09	-4.27E-08
2047	473344.83, 3847632.25	2.77727	-3.51E-04	-1.64E-04	-3.24E-04	-1.22E-07	-3.67E-07	-2.13E-07	-9.94E-08	-9.01E-08	-4.11E-08	-8.12E-08	-4.06E-09	-9.81E-08	-2.16E-08	-1.35E-08	-2.14E-08	-3.77E-09	-5.35E-09	-1.68E-07
2048	473344.83, 3847657.25	2.15033	-2.72E-04	-1.27E-04	-2.51E-04	-9.42E-08	-2.84E-07	-1.65E-07	-7.69E-08	-6.97E-08	-3.18E-08	-6.28E-08	-3.14E-09	-7.60E-08	-1.68E-08	-1.04E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
2049	473344.83, 3847682.25	1.81822	-2.30E-04	-1.08E-04	-2.12E-04	-7.96E-08	-2.40E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.31E-08	-2.66E-09	-6.42E-08	-1.42E-08	-8.83E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
2050	473344.83, 3847707.25	1.59683	-2.02E-04	-9.44E-05	-1.86E-04	-6.99E-08	-2.11E-07	-1.22E-07	-5.71E-08	-5.18E-08	-2.36E-08	-4.67E-08	-2.34E-09	-5.64E-08	-1.24E-08	-7.76E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.65E-08
2051	473344.83, 3847732.25	1.43065	-1.81E-04	-8.46E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.12E-08	-4.64E-08	-2.12E-08	-4.18E-08	-2.09E-09	-5.05E-08	-1.12E-08	-6.95E-09	-1.10E-08	-1.94E-09	-2.76E-09	-8.65E-08
2052	473344.83, 3847757.25	1.30076	-1.65E-04	-7.69E-05	-1.52E-04	-5.70E-08	-1.72E-07	-9.96E-08	-4.65E-08	-4.22E-08	-1.93E-08	-3.80E-08	-1.90E-09	-4.59E-08	-1.01E-08	-6.32E-09	-1.00E-08	-1.77E-09	-2.51E-09	-7.86E-08
2053	473344.83, 3847782.25	1.19789	-1.52E-04	-7.08E-05	-1.40E-04	-5.25E-08	-1.58E-07	-9.17E-08	-4.29E-08	-3.89E-08	-1.77E-08	-3.50E-08	-1.75E-09	-4.23E-08	-9.34E-09	-5.82E-09	-9.23E-09	-1.63E-09	-2.31E-09	-7.24E-08
2054	473344.83, 3847807.25	1.1167	-1.41E-04	-6.60E-05	-1.30E-04	-4.89E-08	-1.48E-07	-8.55E-08	-4.00E-08	-3.62E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.94E-08	-8.70E-09	-5.42E-09	-8.61E-09	-1.52E-09	-2.15E-09	-6.75E-08
2055	473344.83, 3847832.25	1.0457	-1.32E-04	-6.18E-05	-1.22E-04	-4.58E-08	-1.38E-07	-8.00E-08	-3.74E-08	-3.39E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.69E-08	-8.15E-09	-5.08E-09	-8.06E-09	-1.42E-09	-2.02E-09	-6.32E-08
2056	473344.83, 3847857.25	0.98251	-1.24E-04	-5.81E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.52E-08	-3.52E-08	-3.19E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.66E-09	-4.77E-09	-7.57E-09	-1.33E-09	-1.89E-09	-5.94E-08
2057	473344.83, 3847882.25	0.92793	-1.17E-04	-5.49E-05	-1.08E-04	-4.06E-08	-1.23E-07	-7.10E-08	-3.32E-08	-3.01E-08	-1.37E-08	-2.71E-08	-1.36E-09	-3.28E-08	-7.23E-09	-4.51E-09	-7.15E-09	-1.26E-09	-1.79E-09	-5.61E-08
2058	473344.83, 3847907.25	0.88084	-1.11E-04	-5.21E-05	-1.03E-04	-3.86E-08	-1.16E-07	-6.74E-08	-3.15E-08	-2.86E-08	-1.30E-08	-2.57E-08	-1.29E-09	-3.11E-08	-6.87E-09	-4.28E-09	-6.79E-09	-1.20E-09	-1.70E-09	-5.32E-08
2059	473344.83, 3847932.25	0.83899	-1.06E-04	-4.96E-05	-9.80E-05	-3.67E-08	-1.11E-07	-6.42E-08	-3.00E-08	-2.72E-08	-1.24E-08	-2.45E-08	-1.23E-09	-2.96E-08	-6.54E-09	-4.08E-09	-6.47E-09	-1.14E-09	-1.62E-09	-5.07E-08
2060	473344.83, 3847957.25	0.80102	-1.01E-04	-4.74E-05	-9.35E-05	-3.51E-08	-1.06E-07	-6.13E-08	-2.87E-08	-2.60E-08	-1.19E-08	-2.34E-08	-1.17E-09	-2.83E-08	-6.24E-09	-3.89E-09	-6.17E-09	-1.09E-09	-1.54E-09	-4.84E-08
2061	473344.83, 3847982.25	0.76641	-9.70E-05	-4.53E-05	-8.95E-05	-3.36E-08	-1.01E-07	-5.87E-08	-2.74E-08	-2.49E-08	-1.13E-08	-2.24E-08	-1.12E-09	-2.71E-08	-5.97E-09	-3.72E-09	-5.91E-09	-1.04E-09	-1.48E-09	-4.63E-08
2062	473344.83, 3848007.25	0.73449	-9.29E-05	-4.34E-05	-8.58E-05	-3.22E-08	-9.71E-08	-5.62E-08	-2.63E-08	-2.38E-08	-1.09E-08	-2.15E-08	-1.07E-09	-2.59E-08	-5.73E-09	-3.57E-09	-5.66E-09	-9.98E-10	-1.42E-09	-4.44E-08
2063	473344.83, 3848032.25	0.70508	-8.92E-05	-4.17E-05	-8.23E-05	-3.09E-08	-9.32E-08	-5.40E-08	-2.52E-08	-2.29E-08	-1.04E-08	-2.06E-08	-1.03E-09	-2.49E-08	-5.50E-09	-3.43E-09	-5.43E-09	-9.58E-10	-1.36E-09	-4.26E-08
2064	473369.83, 3847632.25	3.53966	-4.48E-04	-2.09E-04	-4.13E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.24E-08	-1.03E-07	-5.18E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.81E-09	-6.82E-09	-2.14E-07
2065	473369.83, 3847657.25	2.57814	-3.26E-04	-1.52E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.97E-07	-9.22E-08	-8.36E-08	-3.82E-08	-7.54E-08	-3.77E-09	-9.11E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.50E-09	-4.97E-09	-1.56E-07
2066	473369.83, 3847682.25	2.09142	-2.65E-04	-1.24E-04	-2.44E-04	-9.16E-08	-2.77E-07	-1.60E-07	-7.48E-08	-6.78E-08	-3.10E-08	-6.11E-08	-3.06E-09	-7.39E-08	-1.63E-08	-1.02E-08	-1.61E-08	-2.84E-09	-4.03E-09	-1.26E-07
2067	473369.83, 3847707.25	1.78777	-2.26E-04	-1.06E-04	-2.09E-04	-7.83E-08	-2.36E-07	-1.37E-07	-6.40E-08	-5.80E-08	-2.65E-08	-5.23E-08	-2.61E-09	-6.32E-08	-1.39E-08	-8.68E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
2068	473369.83, 3847732.25	1.56986	-1.99E-04	-9.28E-05	-1.83E-04	-6.88E-08	-2.08E-07	-1.20E-07	-5.62E-08	-5.09E-08	-2.32E-08	-4.59E-08	-2.30E-09	-5.55E-08	-1.22E-08	-7.63E-09	-1.21E-08	-2.13E-09	-3.03E-09	-9.49E-08
2069	473369.83, 3847757.25	1.40743	-1.78E-04	-8.32E-05	-1.64E-04	-6.16E-08	-1.86E-07	-1.08E-07	-5.04E-08	-4.56E-08	-2.08E-08	-4.11E-08	-2.06E-09	-4.97E-08	-1.10E-08	-6.84E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.51E-08
2070	473369.83, 3847782.25	1.28353	-1.62E-04	-7.59E-05	-1.50E-04	-5.62E-08	-1.70E-07	-9.83E-08	-4.59E-08	-4.16E-08	-1.90E-08	-3.75E-08	-1.88E-09	-4.53E-08	-1.00E-08	-6.24E-09	-9.89E-09	-1.74E-09	-2.47E-09	-7.76E-08
2071	473369.83, 3847807.25	1.18775	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.09E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.20E-08	-9.26E-09	-5.77E-09	-9.15E-09	-1.61E-09	-2.29E-09	-7.18E-08
2072	473369.83, 3847832.25	1.10735	-1.40E-04	-6.55E-05	-1.29E-04	-4.85E-08	-1.46E-07	-8.48E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.24E-08	-1.62E-09	-3.91E-08	-8.63E-09	-5.38E-09	-8.53E-09	-1.50E-09	-2.13E-09	-6.69E-08
2073	473369.83, 3847857.25	1.03779	-1.31E-04	-6.14E-05	-1.21E-04	-4.54E-08	-1.37E-07	-7.94E-08	-3.71E-08	-3.37E-08	-1.54E-08	-3.03E-08	-1.52E-09	-3.67E-08	-8.09E-09	-5.04E-09	-8.00E-09	-1.41E-09	-2.00E-09	-6.27E-08
2074	473369.83, 3847882.25	0.97758	-1.24E-04	-5.78E-05	-1.14E-04	-4.28E-08	-1.29E-07	-7.48E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.45E-08	-7.62E-09	-4.75E-09	-7.53E-09	-1.33E-09	-1.88E-09	-5.91E-08
2075	473369.83, 3847907.25	0.92465	-1.17E-04	-5.47E-05	-1.08E-04	-4.05E-08	-1.22E-07	-7.08E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.70E-08	-1.35E-09	-3.27E-08	-7.21E-09	-4.49E-09	-7.13E-09	-1.26E-09	-1.78E-09	-5.59E-08
2076	473369.83, 3847932.25	0.87708	-1.11E-04	-5.19E-05	-1.02E-04	-3.84E-08	-1.16E-07	-6.71E-08	-3.14E-08	-2.84E-08	-1.30E-08	-2.56E-08	-1.28E-09	-3.10E-08	-6.84E-09	-4.26E-09	-6.76E-09	-1.19E-09	-1.69E-09	-5.30E-08
2077	473369.83, 3847957.25	0.83781	-1.06E-04	-4.95E-05	-9.78E-05	-3.67E-08	-1.11E-07	-6.41E-08	-3.00E-08	-2.72E-08	-1.24E-08	-2.45E-08	-1.23E-09	-2.96E-08	-6.53E-09	-4.07E-09	-6.46E-09	-1.14E-09	-1.62E-09	-5.06E-08
2078	473369.83, 3847982.25	0.7999	-1.01E-04	-4.73E-05	-9.34E-05	-3.50E-08	-1.06E-07	-6.12E-08	-2.86E-08	-2.59E-08	-1.18E-08	-2.34E-08	-1.17E-09	-2.83E-08	-6.24E-09	-3.89E-09	-6.16E-09	-1.09E-09	-1.54E-09	-4.83E-08
2079	473369.83, 3848007.25	0.76514	-9.68E-05	-4.52E-05	-8.94E-05	-3.35E-08	-1.01E-07	-5.86E-08	-2.74E-08	-2.48E-08	-1.13E-08	-2.24E-08	-1.12E-09	-2.70E-08	-5.96E-09	-3.72E-09	-5.90E-09	-1.04E-09	-1.48E-09	-4.62E-08
2080	473369.83, 3848032.25	0.73366	-9.28E-05	-4.34E-05	-8.57E-05	-3.21E-08	-9.70E-08	-5.62E-08	-2.63E-08	-2.38E-08	-1.09E-08	-2.14E-08	-1.07E-09	-2.59E-08	-5.72E-09	-3.56E-09	-5.65E-09	-9.96E-10	-1.41E-09	-4.43E-08
2081	473394.83, 3847657.25	3.1787	-4.02E-04	-1.88E-04	-3.71E-04	-1.39E-07	-4.20E-07	-2.43E-07	-1.14E-07	-1.03E-07	-4.70E-08	-9.29E-08	-4.65E-09	-1.12E-07	-2.48E-08	-1.54E-08	-2.45E-08	-4.32E-09	-6.13E-09	-1.92E-07
2082	473394.83, 3847682.25	2.45318	-3.10E-04	-1.45E-04	-2.86E-04	-1.07E-07	-3.24E-07	-1.88E-07	-8.78E-08	-7.96E-08	-3.63E-08	-7.17E-08	-3.59E-09	-8.67E-08	-1.91E-08	-1.19E-08	-1.89E-08	-3.33E-09	-4.73E-09	-1.48E-07
2083	473394.83, 3847707.25	2.01108	-2.54E-04	-1.19E-04	-2.35E-04	-8.81E-08	-2.66E-07	-1.54E-07	-7.20E-08	-6.52E-08	-2.98E-08	-5.88E-08	-2.94E-09	-7.10E-08	-1.57E-08	-9.77E-09	-1.55E-08	-2.73E-09	-3.88E-09	-1.22E-07
2084	473394.83, 3847732.25	1.72784	-2.19E-04	-1.02E-04	-2.02E-04	-7.57E-08	-2.28E-07	-1.32E-07	-6.18E-08	-5.60E-08	-2.56E-08	-5.05E-08	-2.53E-09	-6.10E-08	-1.35E-08	-8.39E-09	-1.33E-08	-2.35E-09	-3.33E-09	-1.04E-07
2085	473394.83, 3847757.25	1.53054	-1.94E-04	-9.05E-05	-1.79E-04	-6.70E-08	-2.02E-07	-1.17E-07	-5.48E-08	-4.96E-08	-2.27E-08	-4.47E-08	-2.24E-09	-5.41E-08	-1.19E-08	-7.44E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.25E-08
2086	473394.83, 3847782.25	1.38314	-1.75E-04	-8.18E-05	-1.62E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.49E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.89E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
2087	473394.83, 3847807.25	1.26495	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.68E-08	-4.53E-08	-4.10E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.86E-09	-6.15E-09	-9.75E-09	-1.72E-09	-2.44E-09	-7.64E-08
2088	473394.83, 3847832.25	1.17443	-1.49E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.99E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.15E-08	-9.15E-09	-5.71E-09	-9.05E-09	-1.60E-09	-2.26E-09	-7.10E-08
2089	473394.83, 3847857.25	1.09655	-1.39E-04	-6.48E-05	-1.28E-04	-4.80E-08	-1.45E-07	-8.39E-08	-3.92E-08	-3.56E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.87E-08	-8.55E-09	-5.33E-09	-8.45E-09	-1.49E-09	-2.11E-09	-6.63E-08
2090	473394.83, 3847882.25	1.0301	-1.30E-04	-6.09E-05	-1.20E-04	-4.51E-08	-1.36E-07	-7.89E-08	-3.69E-08	-3.34E-08	-1.52E-08	-3.01E-08	-1.51E-09	-3.64E-08	-8.03E-09	-5.00E-09	-7.94E-09	-1.40E-09	-1.99E-09	-6.23E-08
2091	473394.83, 3847907.25	0.97174	-1.23E-04	-5.75E-05	-1.13E-04	-4.26E-08	-1.28E-07	-7.44E-08	-3.48E-08	-3.15E-08	-1.44E-08	-2.84E-08	-1.42E-09	-3.43E-08	-7.57E-09	-4.72E-09	-7.49E-09	-1.32E-09	-1.87E-09	-5.87E-08
2092	473394.83, 3847932.25	0.91834	-1.16E-04	-5.43E-05	-1.07E-04	-4.02E-08	-1.21E-07	-7.03E-08	-3.29E-08	-2.98E-08	-1.36E-08	-2.68E-08	-1.34E-09	-3.24E-08	-7.16E-09	-4.46E-09	-7.08E-09	-1.25E-09	-1.77E-09	-5.55E-08
2093	473394.83, 3847957.25	0.87382	-1.11E-04	-5.17E-05	-1.02E-04	-3.83E-08	-1.16E-07	-6.69E-08	-3.13E-08	-2.83E-08	-1.29E-08	-2.55E-08	-1.28E-09	-3.09E-08	-6.81E-09	-4.24E-09	-6.73E-09	-1.19E-09	-1.68E-09	-5.28E-08
2094	473394.83, 3847982.25	0.8347	-1.06E-04	-4.94E-05	-9.75E-05	-3.66E-08	-1.10E-07	-6.39E-08	-2.99E-08	-2.71E-08	-1.24E-08	-2.44E-08	-1.22E-09	-2.95E-08	-6.51E-09	-4.05E-09	-6.43E-09	-1.13E-09	-1.61E-09	-5.04E-08
2095	473394.83, 3848007.25	0.79717	-1.01E-04	-4.71E-05	-9.31E-05	-3.49E-08	-1.05E-07	-6.10E-08	-2.85E-08	-2.59E-08	-1.18E-08	-2.33E-08	-1.17E-09	-2.82E-08	-6.21E-09	-3.87E-09	-6.14E-09	-1.08E-09	-1.54E-09	-4.82E-08
2096	473394.83, 3848032.25	0.7624	-9.65E-05	-4.51E-05	-8.90E-05	-3.34E-08	-1.01E-07	-5.84E-08	-2.73E-08	-2.47E-08	-1.13E-08	-2.23E-08	-1.11E-09	-2.69E-08	-5.94E-09	-3.70E-09	-5.88E-09	-1.04E-09	-1.47E-09	-4.61E-08
2097	473394.83, 3848057.25	0.73133	-9.25E-05	-4.32E-05	-8.54E-05	-3.20E-08	-9.67E-08	-5.60E-08	-2.62E-08	-2.37E-08	-1.08E-08	-2.14E-08	-1.07E-09	-2.58E-08	-5.70E-09	-3.55E-09	-5.64E-09	-9.93E-10	-1.41E-09	-4.42E-08
2098	473419.83, 3847682.25	2.91151	-3.68E-04	-1.72E-04	-3.40E-04	-1.28E-07	-3.85E-07	-2.23E-07	-1.04E-07	-9.44E-08	-4.31E-08	-8.51E-08	-4.26E-09	-1.03E-07	-2.27E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.61E-09	-1.76E-07
2099	473419.83, 3847707.25	2.29618	-2.90E-04	-1.36E-04	-2.68E-04	-1.01E-07	-3.04E-07	-1.76E-07	-8.22E-08	-7.45E-08	-3.40E-08	-6.71E-08	-3.36E-09	-8.11E-08	-1.79E-08	-1.12E-08	-1.77E-08	-3.12E-09	-4.43E-09	-1.39E-07
2100	473419.83, 3847732.25	1.92813	-2.44E-04	-1.14E-04	-2.25E-04	-8.44E-08	-2.55E-07	-1.48E-07	-6.90E-08	-6.25E-08	-2.85E-08	-5.64E-08	-2.82E-09	-6.81E-08	-1.50E-08	-9.37E-09	-1.49E-08	-2.62E-09	-3.72E-09	-1.17E-07
2101	473419.83, 3847757.25	1.67876	-2.12E-04	-9.93E-05	-1.96E-04	-7.35E-08	-2.22E-07	-1.29E-07	-6.01E-08	-5.44E-08	-2.48E-08	-4.91E-08	-2.46E-09	-5.93E-08	-1.31E-08	-8.16E-09	-1.29E-08	-2.28E-09	-3.24E-09	-1.01E-07
2102	473419.83, 3847782.25	1.49589	-1.89E-04	-8.85E-05	-1.75E-04	-6.55E-08	-1.98E-07	-1.15E-07	-5.35E-08	-4.85E-08	-2.21E-08	-4.37E-08	-2.19E-09	-5.28E-08	-1.17E-08	-7.27E-09	-1.15E-08	-2.03E-09	-2.88E-09	-9.04E-08
2103	473419.83, 3847807.25	1.35516	-1.71E-04	-8.01E-05	-1.58E-04	-5.93E-08	-1.79E-07	-1.04E-07	-4.85E-08	-4.40E-08	-2.01E-08	-3.96E-08	-1.98E-09	-4.79E-08	-1.06E-08	-6.58E-09	-1.04E-08	-1.84E-09	-2.61E-09	-8.19E-08
2104	473419.83, 3847832.25	1.25028	-1.58E-04	-7.39E-05	-1.46E-04	-5.48E-08	-1.65E-07	-9.57E-08	-4.47E-08	-4.06E-08	-1.85E-08	-3.65E-08	-1.83E-09	-4.42E-08	-9.75E-09	-6.07E-09	-9.64E-09	-1.70E-09	-2.41E-09	-7.56E-08
2105	473419.83, 3847857.25	1.16064	-1.47E-04	-6.86E-05	-1.36E-04	-5.08E-08	-1.53E-07	-8.88E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.05E-09	-5.64E-09	-8.94E-09	-1.58E-09	-2.24E-09	-7.01E-08
2106	473419.83, 3847882.25	1.08436	-1.37E-04	-6.41E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.60E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.45E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.55E-08
2107	473419.83, 3847907.25	1.01926	-1.29E-04	-6.03E-05	-1.19E-04	-4.46E-08	-1.35E-07	-7.80E-08	-3.65E-08	-3.31E-08	-1.51E-08	-2.98E-08	-1.49E-09	-3.60E-08	-7.95E-09	-4.95E-09	-7.85E-09	-1.38E-09	-1.97E-09	-6.16E-08

2108	473419.83, 3847932.25	0.96278	-1.22E-04	-5.69E-05	-1.12E-04	-4.22E-08	-1.27E-07	-7.37E-08	-3.44E-08	-3.12E-08	-1.42E-08	-2.81E-08	-1.41E-09	-3.40E-08	-7.50E-09	-4.68E-09	-7.42E-09	-1.31E-09	-1.86E-09	-5.82E-08
2109	473419.83, 3847957.25	0.91304	-1.16E-04	-5.40E-05	-1.07E-04	-4.00E-08	-1.21E-07	-6.99E-08	-3.27E-08	-2.96E-08	-1.35E-08	-2.67E-08	-1.34E-09	-3.23E-08	-7.12E-09	-4.44E-09	-7.04E-09	-1.24E-09	-1.76E-09	-5.52E-08
2110	473419.83, 3847982.25	0.8694	-1.10E-04	-5.14E-05	-1.02E-04	-3.81E-08	-1.15E-07	-6.66E-08	-3.11E-08	-2.82E-08	-1.29E-08	-2.54E-08	-1.27E-09	-3.07E-08	-6.78E-09	-4.22E-09	-6.70E-09	-1.18E-09	-1.68E-09	-5.25E-08
2111	473419.83, 3848007.25	0.82961	-1.05E-04	-4.91E-05	-9.69E-05	-3.63E-08	-1.10E-07	-6.35E-08	-2.97E-08	-2.69E-08	-1.23E-08	-2.42E-08	-1.21E-09	-2.93E-08	-6.47E-09	-4.03E-09	-6.39E-09	-1.13E-09	-1.60E-09	-5.01E-08
2112	473419.83, 3848032.25	0.79372	-1.00E-04	-4.69E-05	-9.27E-05	-3.48E-08	-1.05E-07	-6.08E-08	-2.84E-08	-2.57E-08	-1.17E-08	-2.32E-08	-1.16E-09	-2.80E-08	-6.19E-09	-3.86E-09	-6.12E-09	-1.08E-09	-1.53E-09	-4.80E-08
2113	473419.83, 3848057.25	0.761	-9.63E-05	-4.50E-05	-8.89E-05	-3.33E-08	-1.01E-07	-5.83E-08	-2.72E-08	-2.47E-08	-1.13E-08	-2.22E-08	-1.11E-09	-2.69E-08	-5.93E-09	-3.70E-09	-5.86E-09	-1.03E-09	-1.47E-09	-4.60E-08
2114	473444.83, 3847682.25	3.5719	-4.52E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.29E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.74E-08	-2.75E-08	-4.85E-09	-6.89E-09	-2.16E-07
2115	473444.83, 3847707.25	2.73058	-3.45E-04	-1.61E-04	-3.19E-04	-1.20E-07	-3.61E-07	-2.09E-07	-9.77E-08	-8.86E-08	-4.04E-08	-7.98E-08	-3.99E-09	-9.65E-08	-2.13E-08	-1.33E-08	-2.10E-08	-3.71E-09	-5.26E-09	-1.65E-07
2116	473444.83, 3847732.25	2.20949	-2.80E-04	-1.31E-04	-2.58E-04	-9.68E-08	-2.92E-07	-1.69E-07	-7.91E-08	-7.17E-08	-3.27E-08	-6.46E-08	-3.23E-09	-7.81E-08	-1.72E-08	-1.07E-08	-1.70E-08	-3.00E-09	-4.26E-09	-1.34E-07
2117	473444.83, 3847757.25	1.86757	-2.36E-04	-1.10E-04	-2.18E-04	-8.18E-08	-2.47E-07	-1.43E-07	-6.68E-08	-6.06E-08	-2.76E-08	-5.46E-08	-2.73E-09	-6.60E-08	-1.46E-08	-9.07E-09	-1.44E-08	-2.54E-09	-3.60E-09	-1.13E-07
2118	473444.83, 3847782.25	1.63174	-2.06E-04	-9.65E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.29E-08	-2.41E-08	-4.77E-08	-2.39E-09	-5.76E-08	-1.27E-08	-7.93E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.86E-08
2119	473444.83, 3847807.25	1.4619	-1.85E-04	-8.64E-05	-1.71E-04	-6.40E-08	-1.93E-07	-1.12E-07	-5.23E-08	-4.74E-08	-2.16E-08	-4.27E-08	-2.14E-09	-5.16E-08	-1.14E-08	-7.10E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.83E-08
2120	473444.83, 3847832.25	1.33366	-1.69E-04	-7.89E-05	-1.56E-04	-5.84E-08	-1.76E-07	-1.02E-07	-4.77E-08	-4.33E-08	-1.97E-08	-3.90E-08	-1.95E-09	-4.71E-08	-1.04E-08	-6.48E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.06E-08
2121	473444.83, 3847857.25	1.23075	-1.56E-04	-7.28E-05	-1.44E-04	-5.39E-08	-1.63E-07	-9.42E-08	-4.40E-08	-3.99E-08	-1.82E-08	-3.60E-08	-1.80E-09	-4.35E-08	-9.59E-09	-5.98E-09	-9.48E-09	-1.67E-09	-2.37E-09	-7.44E-08
2122	473444.83, 3847882.25	1.14537	-1.45E-04	-6.77E-05	-1.34E-04	-5.02E-08	-1.51E-07	-8.77E-08	-4.10E-08	-3.71E-08	-1.70E-08	-3.35E-08	-1.68E-09	-4.05E-08	-8.93E-09	-5.56E-09	-8.83E-09	-1.56E-09	-2.21E-09	-6.92E-08
2123	473444.83, 3847907.25	1.07274	-1.36E-04	-6.34E-05	-1.25E-04	-4.70E-08	-1.42E-07	-8.21E-08	-3.84E-08	-3.48E-08	-1.59E-08	-3.14E-08	-1.57E-09	-3.79E-08	-8.36E-09	-5.21E-09	-8.27E-09	-1.46E-09	-2.07E-09	-6.48E-08
2124	473444.83, 3847932.25	1.00971	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.34E-07	-7.73E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.57E-08	-7.87E-09	-4.91E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
2125	473444.83, 3847957.25	0.95496	-1.21E-04	-5.65E-05	-1.12E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
2126	473444.83, 3847982.25	0.90682	-1.15E-04	-5.36E-05	-1.06E-04	-3.97E-08	-1.20E-07	-6.94E-08	-3.24E-08	-2.94E-08	-1.34E-08	-2.65E-08	-1.33E-09	-3.20E-08	-7.07E-09	-4.41E-09	-6.99E-09	-1.23E-09	-1.75E-09	-5.48E-08
2127	473444.83, 3848007.25	0.86425	-1.09E-04	-5.11E-05	-1.01E-04	-3.78E-08	-1.14E-07	-6.62E-08	-3.09E-08	-2.80E-08	-1.28E-08	-2.53E-08	-1.26E-09	-3.05E-08	-6.74E-09	-4.20E-09	-6.66E-09	-1.17E-09	-1.67E-09	-5.22E-08
2128	473444.83, 3848032.25	0.82608	-1.05E-04	-4.88E-05	-9.65E-05	-3.62E-08	-1.09E-07	-6.32E-08	-2.96E-08	-2.68E-08	-1.22E-08	-2.41E-08	-1.21E-09	-2.92E-08	-6.44E-09	-4.01E-09	-6.37E-09	-1.12E-09	-1.59E-09	-4.99E-08
2129	473444.83, 3848057.25	0.79086	-1.00E-04	-4.68E-05	-9.24E-05	-3.46E-08	-1.05E-07	-6.05E-08	-2.83E-08	-2.57E-08	-1.17E-08	-2.31E-08	-1.16E-09	-2.79E-08	-6.16E-09	-3.84E-09	-6.09E-09	-1.07E-09	-1.52E-09	-4.78E-08
2130	473444.83, 3848082.25	0.75672	-9.57E-05	-4.47E-05	-8.84E-05	-3.31E-08	-1.00E-07	-5.79E-08	-2.71E-08	-2.45E-08	-1.12E-08	-2.21E-08	-1.11E-09	-2.67E-08	-5.90E-09	-3.68E-09	-5.83E-09	-1.03E-09	-1.46E-09	-4.57E-08
2131	473469.83, 3847707.25	3.23464	-4.09E-04	-1.91E-04	-3.78E-04	-1.42E-07	-4.28E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.79E-08	-9.45E-08	-4.73E-09	-1.14E-07	-2.52E-08	-1.57E-08	-2.49E-08	-4.39E-09	-6.24E-09	-1.95E-07
2132	473469.83, 3847732.25	2.56155	-3.24E-04	-1.51E-04	-2.99E-04	-1.12E-07	-3.39E-07	-1.96E-07	-9.17E-08	-8.31E-08	-3.79E-08	-7.49E-08	-3.75E-09	-9.05E-08	-2.00E-08	-1.24E-08	-1.97E-08	-3.48E-09	-4.94E-09	-1.55E-07
2133	473469.83, 3847757.25	2.12122	-2.68E-04	-1.25E-04	-2.48E-04	-9.29E-08	-2.80E-07	-1.62E-07	-7.59E-08	-6.88E-08	-3.14E-08	-6.20E-08	-3.10E-09	-7.49E-08	-1.65E-08	-1.03E-08	-1.63E-08	-2.88E-09	-4.09E-09	-1.28E-07
2134	473469.83, 3847782.25	1.8041	-2.28E-04	-1.07E-04	-2.11E-04	-7.90E-08	-2.39E-07	-1.38E-07	-6.46E-08	-5.85E-08	-2.67E-08	-5.27E-08	-2.64E-09	-6.37E-08	-1.41E-08	-8.76E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07
2135	473469.83, 3847807.25	1.57899	-2.00E-04	-9.34E-05	-1.84E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.14E-09	-3.04E-09	-9.54E-08
2136	473469.83, 3847832.25	1.42846	-1.81E-04	-8.45E-05	-1.67E-04	-6.26E-08	-1.89E-07	-1.09E-07	-5.11E-08	-4.63E-08	-2.11E-08	-4.18E-08	-2.09E-09	-5.05E-08	-1.11E-08	-6.94E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.63E-08
2137	473469.83, 3847857.25	1.30853	-1.66E-04	-7.74E-05	-1.53E-04	-5.73E-08	-1.73E-07	-1.00E-07	-4.68E-08	-4.24E-08	-1.94E-08	-3.82E-08	-1.91E-09	-4.62E-08	-1.02E-08	-6.36E-09	-1.01E-08	-1.78E-09	-2.52E-09	-7.91E-08
2138	473469.83, 3847882.25	1.21035	-1.53E-04	-7.16E-05	-1.41E-04	-5.30E-08	-1.60E-07	-9.27E-08	-4.33E-08	-3.93E-08	-1.79E-08	-3.54E-08	-1.77E-09	-4.28E-08	-9.43E-09	-5.88E-09	-9.33E-09	-1.64E-09	-2.33E-09	-7.31E-08
2139	473469.83, 3847907.25	1.12824	-1.43E-04	-6.67E-05	-1.32E-04	-4.94E-08	-1.49E-07	-8.64E-08	-4.04E-08	-3.66E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.99E-08	-8.79E-09	-5.48E-09	-8.69E-09	-1.53E-09	-2.18E-09	-6.82E-08
2140	473469.83, 3847932.25	1.05798	-1.34E-04	-6.26E-05	-1.24E-04	-4.63E-08	-1.40E-07	-8.10E-08	-3.79E-08	-3.43E-08	-1.57E-08	-3.09E-08	-1.55E-09	-3.74E-08	-8.25E-09	-5.14E-09	-8.15E-09	-1.44E-09	-2.04E-09	-6.39E-08
2141	473469.83, 3847957.25	0.99782	-1.26E-04	-5.90E-05	-1.17E-04	-4.37E-08	-1.32E-07	-7.64E-08	-3.57E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.52E-08	-7.78E-09	-4.85E-09	-7.69E-09	-1.36E-09	-1.92E-09	-6.03E-08
2142	473469.83, 3847982.25	0.94482	-1.20E-04	-5.59E-05	-1.10E-04	-4.14E-08	-1.25E-07	-7.23E-08	-3.38E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.34E-08	-7.36E-09	-4.59E-09	-7.28E-09	-1.28E-09	-1.82E-09	-5.71E-08
2143	473469.83, 3848007.25	0.89897	-1.14E-04	-5.32E-05	-1.05E-04	-3.94E-08	-1.19E-07	-6.88E-08	-3.22E-08	-2.92E-08	-1.33E-08	-2.63E-08	-1.31E-09	-3.18E-08	-7.01E-09	-4.37E-09	-6.93E-09	-1.22E-09	-1.73E-09	-5.43E-08
2144	473469.83, 3848032.25	0.85729	-1.08E-04	-5.07E-05	-1.00E-04	-3.75E-08	-1.13E-07	-6.56E-08	-3.07E-08	-2.78E-08	-1.27E-08	-2.51E-08	-1.25E-09	-3.03E-08	-6.68E-09	-4.16E-09	-6.61E-09	-1.16E-09	-1.65E-09	-5.18E-08
2145	473469.83, 3848057.25	0.81773	-1.03E-04	-4.84E-05	-9.55E-05	-3.58E-08	-1.08E-07	-6.26E-08	-2.93E-08	-2.65E-08	-1.21E-08	-2.39E-08	-1.20E-09	-2.89E-08	-6.37E-09	-3.97E-09	-6.30E-09	-1.11E-09	-1.58E-09	-4.94E-08
2146	473469.83, 3848082.25	0.78336	-9.91E-05	-4.63E-05	-9.15E-05	-3.43E-08	-1.04E-07	-6.00E-08	-2.80E-08	-2.54E-08	-1.16E-08	-2.29E-08	-1.15E-09	-2.77E-08	-6.11E-09	-3.81E-09	-6.04E-09	-1.06E-09	-1.51E-09	-4.73E-08
2147	473494.83, 3847707.25	4.03882	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.45E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.91E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.49E-09	-7.79E-09	-2.44E-07
2148	473494.83, 3847732.25	3.01383	-3.81E-04	-1.78E-04	-3.52E-04	-1.32E-07	-3.99E-07	-2.31E-07	-1.08E-07	-9.78E-08	-4.46E-08	-8.81E-08	-4.41E-09	-1.06E-07	-2.35E-08	-1.46E-08	-2.32E-08	-4.09E-09	-5.81E-09	-1.82E-07
2149	473494.83, 3847757.25	2.41942	-3.06E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.20E-07	-1.85E-07	-8.66E-08	-7.85E-08	-3.58E-08	-7.07E-08	-3.54E-09	-8.55E-08	-1.89E-08	-1.18E-08	-1.86E-08	-3.29E-09	-4.66E-09	-1.46E-07
2150	473494.83, 3847782.25	2.01939	-2.55E-04	-1.19E-04	-2.36E-04	-8.84E-08	-2.67E-07	-1.55E-07	-7.23E-08	-6.55E-08	-2.99E-08	-5.90E-08	-2.95E-09	-7.13E-08	-1.57E-08	-9.81E-09	-1.56E-08	-2.74E-09	-3.89E-09	-1.22E-07
2151	473494.83, 3847807.25	1.72817	-2.19E-04	-1.02E-04	-2.02E-04	-7.57E-08	-2.29E-07	-1.32E-07	-6.18E-08	-5.61E-08	-2.56E-08	-5.05E-08	-2.53E-09	-6.10E-08	-1.35E-08	-8.40E-09	-1.33E-08	-2.35E-09	-3.33E-09	-1.04E-07
2152	473494.83, 3847832.25	1.54062	-1.95E-04	-9.11E-05	-1.80E-04	-6.75E-08	-2.04E-07	-1.18E-07	-5.51E-08	-5.00E-08	-2.28E-08	-4.50E-08	-2.25E-09	-5.44E-08	-1.20E-08	-7.48E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.31E-08
2153	473494.83, 3847857.25	1.39936	-1.77E-04	-8.27E-05	-1.63E-04	-6.13E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.09E-08	-2.05E-09	-4.94E-08	-1.09E-08	-6.80E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.46E-08
2154	473494.83, 3847882.25	1.28616	-1.63E-04	-7.61E-05	-1.50E-04	-5.63E-08	-1.70E-07	-9.85E-08	-4.60E-08	-4.17E-08	-1.90E-08	-3.76E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.25E-09	-9.91E-09	-1.75E-09	-2.48E-09	-7.77E-08
2155	473494.83, 3847907.25	1.1923	-1.51E-04	-7.05E-05	-1.39E-04	-5.22E-08	-1.58E-07	-9.13E-08	-4.27E-08	-3.87E-08	-1.76E-08	-3.48E-08	-1.74E-09	-4.21E-08	-9.29E-09	-5.79E-09	-9.19E-09	-1.62E-09	-2.30E-09	-7.21E-08
2156	473494.83, 3847932.25	1.11358	-1.41E-04	-6.59E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.52E-08	-3.98E-08	-3.61E-08	-1.65E-08	-3.25E-08	-1.63E-09	-3.93E-08	-8.68E-09	-5.41E-09	-8.58E-09	-1.51E-09	-2.15E-09	-6.73E-08
2157	473494.83, 3847957.25	1.0462	-1.32E-04	-6.19E-05	-1.22E-04	-4.58E-08	-1.38E-07	-8.01E-08	-3.74E-08	-3.39E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.16E-09	-5.08E-09	-8.06E-09	-1.42E-09	-2.02E-09	-6.32E-08
2158	473494.83, 3847982.25	0.98732	-1.25E-04	-5.84E-05	-1.15E-04	-4.32E-08	-1.31E-07	-7.56E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.89E-08	-1.44E-09	-3.49E-08	-7.70E-09	-4.80E-09	-7.61E-09	-1.34E-09	-1.90E-09	-5.97E-08
2159	473494.83, 3848007.25	0.93657	-1.18E-04	-5.54E-05	-1.09E-04	-4.10E-08	-1.24E-07	-7.17E-08	-3.35E-08	-3.04E-08	-1.39E-08	-2.74E-08	-1.37E-09	-3.31E-08	-7.30E-09	-4.55E-09	-7.22E-09	-1.27E-09	-1.81E-09	-5.66E-08
2160	473494.83, 3848032.25	0.89104	-1.13E-04	-5.27E-05	-1.04E-04	-3.90E-08	-1.18E-07	-6.82E-08	-3.19E-08	-2.89E-08	-1.32E-08	-2.60E-08	-1.30E-09	-3.15E-08	-6.95E-09	-4.33E-09	-6.87E-09	-1.21E-09	-1.72E-09	-5.38E-08
2161	473494.83, 3848057.25	0.84873	-1.07E-04	-5.02E-05	-9.91E-05	-3.72E-08	-1.12E-07	-6.50E-08	-3.04E-08	-2.75E-08	-1.26E-08	-2.48E-08	-1.24E-09	-3.00E-08	-6.62E-09	-4.12E-09	-6.54E-09	-1.15E-09	-1.64E-09	-5.13E-08
2162	473494.83, 3848082.25	0.81151	-1.03E-04	-4.80E-05	-9.48E-05	-3.55E-08	-1.07E-07	-6.21E-08	-2.90E-08	-2.63E-08	-1.20E-08	-2.37E-08	-1.19E-09	-2.87E-08	-6.33E-09	-3.94E-09	-6.25E-09	-1.10E-09	-1.56E-09	-4.90E-08
2163	473494.83, 3848107.25	0.77872	-9.85E-05	-4.60E-05	-9.09E-05	-3.41E-08	-1.03E-07	-5.96E-08	-2.79E-08	-2.53E-08	-1.15E-08	-2.28E-08	-1.14E-09	-2.75E-08	-6.07E-09	-3.78E-09	-6.00E-09	-1.06E-09	-1.50E-09	-4.71E-08
2164	473519.83, 3847732.25	3.64389	-4.61E-04	-2.15E-04	-4.26E-04	-1.60E-07	-4.82E-07	-2.79E-07	-1.30E-07	-1.18E-07	-5.39E-08	-1.07E-07	-5.33E-09	-1.29E-07	-2.84E-08	-1.77E-08	-2.81E-08	-4.95E-09	-7.02E-09	-2.20E-07
2165	473519.83, 3847757.25	2.78214	-3.52E-04	-1.65E-04	-3.25E-04	-1.22E-07	-3.68E-07	-2.13E-07	-9.95E-08	-9.02E-08	-4.12E-08	-8.13E-08	-4.07E-09	-9.83E-08	-2.17E-08	-1.35E-08	-2.14E-08	-3.78E-09	-5.36E-09	-1.68E-07
2166	473519.83, 3847782.25	2.26611	-2.87E-04	-1.34E-04	-2.65E-04	-9.92E-08	-3.00E-07	-1.73E-07	-8.11E-08	-7.35E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.01E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
2167	473519.83, 3847807.25	1.92061	-2.43E-04	-1.14E-04	-2.24E-04	-8.41E-08	-2.54E-07	-1.47E-07	-6.87E-08	-6.23E-08	-2.84E-08	-5.61E-08	-2.81E-09	-6.78E-08	-1.50E-08	-9.33E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
2168	473519.83, 3847832.25	1.67264	-2.12E-04	-9.89E-05	-1.95E-04	-7.33E-08	-2.21E-07	-1.28E-07	-5.98E-08	-5.43E-08	-2.48E-08	-4.89E-08	-2.45E-09	-5.91E-08	-1.30E-08	-8.13E-09	-1.29E-08	-2.27E-09	-3.22E-09	-1.01E-07
2169	473519.83, 3847857.25	1.50253	-1.90E-04	-8.89E-05	-1.75E-04	-6.58E-08	-1.99E-07	-1.15E-07	-5.38E-08	-4.87E-08	-2.22E-08	-4.39E-08	-2.20E-09	-5.31E-08	-1.17E-08	-7.30E-09	-1.16E-08	-2.04E-09	-2.90E-09	-9.08E-08
2170	473519.83, 3847882.25	1.37115	-1.73E-04	-8.11E-05	-1.60E-04	-6.00E-08	-1.81E-07	-1.05E-07	-4.91E-08	-4.45E-08	-2.03E-08	-4.01E-08	-2.01E-09	-4.84E-08	-1.07E-08	-6.66E-09	-1.06E-08	-1.86E-09	-2.64E-09	-8.29E-08
2171	473519.83, 3847907.25	1.26417	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.68E-08	-4.52E-08	-4.10E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.47E-08	-9.85E-09	-6.14E-09	-9.74E-09	-1.72E-09	-2.44E-09	-7.64E-08

2172	473519.83, 3847932.25	1.17506	-1.49E-04	-6.95E-05	-1.37E-04	-5.15E-08	-1.55E-07	-9.00E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.15E-08	-9.16E-09	-5.71E-09	-9.06E-09	-1.60E-09	-2.27E-09	-7.10E-08
2173	473519.83, 3847957.25	1.09959	-1.39E-04	-6.50E-05	-1.28E-04	-4.82E-08	-1.45E-07	-8.42E-08	-3.93E-08	-3.57E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.57E-09	-5.34E-09	-8.47E-09	-1.49E-09	-2.12E-09	-6.65E-08
2174	473519.83, 3847982.25	1.03424	-1.31E-04	-6.12E-05	-1.21E-04	-4.53E-08	-1.37E-07	-7.92E-08	-3.70E-08	-3.35E-08	-1.53E-08	-3.02E-08	-1.51E-09	-3.65E-08	-8.06E-09	-5.02E-09	-7.97E-09	-1.40E-09	-1.99E-09	-6.25E-08
2175	473519.83, 3848007.25	0.97729	-1.24E-04	-5.78E-05	-1.14E-04	-4.28E-08	-1.29E-07	-7.48E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.45E-08	-7.62E-09	-4.75E-09	-7.53E-09	-1.33E-09	-1.88E-09	-5.91E-08
2176	473519.83, 3848032.25	0.92724	-1.17E-04	-5.48E-05	-1.08E-04	-4.06E-08	-1.23E-07	-7.10E-08	-3.32E-08	-3.01E-08	-1.37E-08	-2.71E-08	-1.36E-09	-3.28E-08	-7.23E-09	-4.50E-09	-7.15E-09	-1.26E-09	-1.79E-09	-5.60E-08
2177	473519.83, 3848057.25	0.88265	-1.12E-04	-5.22E-05	-1.03E-04	-3.87E-08	-1.17E-07	-6.76E-08	-3.16E-08	-2.86E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.88E-09	-4.29E-09	-6.80E-09	-1.20E-09	-1.70E-09	-5.33E-08
2178	473519.83, 3848082.25	0.84182	-1.07E-04	-4.98E-05	-9.83E-05	-3.69E-08	-1.11E-07	-6.44E-08	-3.01E-08	-2.73E-08	-1.25E-08	-2.46E-08	-1.23E-09	-2.97E-08	-6.56E-09	-4.09E-09	-6.49E-09	-1.14E-09	-1.62E-09	-5.09E-08
2179	473519.83, 3848107.25	0.80525	-1.02E-04	-4.76E-05	-9.40E-05	-3.53E-08	-1.06E-07	-6.16E-08	-2.88E-08	-2.61E-08	-1.19E-08	-2.35E-08	-1.18E-09	-2.84E-08	-6.28E-09	-3.91E-09	-6.21E-09	-1.09E-09	-1.55E-09	-4.87E-08
2180	473544.83, 3847757.25	3.25344	-4.12E-04	-1.92E-04	-3.80E-04	-1.42E-07	-4.30E-07	-2.49E-07	-1.16E-07	-1.06E-07	-4.82E-08	-9.51E-08	-4.76E-09	-1.15E-07	-2.54E-08	-1.58E-08	-2.51E-08	-4.42E-09	-6.27E-09	-1.97E-07
2181	473544.83, 3847782.25	2.57941	-3.26E-04	-1.53E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.97E-07	-9.23E-08	-8.37E-08	-3.82E-08	-7.54E-08	-3.77E-09	-9.11E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.50E-09	-4.97E-09	-1.56E-07
2182	473544.83, 3847807.25	2.15255	-2.72E-04	-1.27E-04	-2.51E-04	-9.43E-08	-2.85E-07	-1.65E-07	-7.70E-08	-6.98E-08	-3.19E-08	-6.29E-08	-3.15E-09	-7.60E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
2183	473544.83, 3847832.25	1.83681	-2.32E-04	-1.09E-04	-2.15E-04	-8.04E-08	-2.43E-07	-1.41E-07	-6.57E-08	-5.96E-08	-2.72E-08	-5.37E-08	-2.69E-09	-6.49E-08	-1.43E-08	-8.92E-09	-1.42E-08	-2.49E-09	-3.54E-09	-1.11E-07
2184	473544.83, 3847857.25	1.62326	-2.05E-04	-9.60E-05	-1.90E-04	-7.11E-08	-2.15E-07	-1.24E-07	-5.81E-08	-5.26E-08	-2.40E-08	-4.74E-08	-2.37E-09	-5.73E-08	-1.27E-08	-7.89E-09	-1.25E-08	-2.20E-09	-3.13E-09	-9.81E-08
2185	473544.83, 3847882.25	1.46638	-1.86E-04	-8.67E-05	-1.71E-04	-6.42E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.14E-09	-5.18E-08	-1.14E-08	-7.12E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.86E-08
2186	473544.83, 3847907.25	1.34353	-1.70E-04	-7.94E-05	-1.57E-04	-5.88E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.96E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.82E-09	-2.59E-09	-8.12E-08
2187	473544.83, 3847932.25	1.24191	-1.57E-04	-7.34E-05	-1.45E-04	-5.44E-08	-1.64E-07	-9.51E-08	-4.44E-08	-4.03E-08	-1.84E-08	-3.63E-08	-1.82E-09	-4.39E-08	-9.68E-09	-6.03E-09	-9.57E-09	-1.69E-09	-2.39E-09	-7.51E-08
2188	473544.83, 3847957.25	1.15702	-1.46E-04	-6.84E-05	-1.35E-04	-5.07E-08	-1.53E-07	-8.86E-08	-4.14E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.09E-08	-9.02E-09	-5.62E-09	-8.92E-09	-1.57E-09	-2.23E-09	-6.99E-08
2189	473544.83, 3847982.25	1.08489	-1.37E-04	-6.42E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.46E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.56E-08
2190	473544.83, 3848007.25	1.02165	-1.29E-04	-6.04E-05	-1.19E-04	-4.47E-08	-1.35E-07	-7.82E-08	-3.66E-08	-3.31E-08	-1.51E-08	-2.99E-08	-1.49E-09	-3.61E-08	-7.96E-09	-4.96E-09	-7.87E-09	-1.39E-09	-1.97E-09	-6.17E-08
2191	473544.83, 3848032.25	0.9662	-1.22E-04	-5.71E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.40E-08	-3.46E-08	-3.13E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.41E-08	-7.53E-09	-4.69E-09	-7.45E-09	-1.31E-09	-1.86E-09	-5.84E-08
2192	473544.83, 3848057.25	0.91761	-1.16E-04	-5.43E-05	-1.07E-04	-4.02E-08	-1.21E-07	-7.02E-08	-3.28E-08	-2.98E-08	-1.36E-08	-2.68E-08	-1.34E-09	-3.24E-08	-7.15E-09	-4.46E-09	-7.07E-09	-1.25E-09	-1.77E-09	-5.55E-08
2193	473544.83, 3848082.25	0.87308	-1.10E-04	-5.16E-05	-1.02E-04	-3.82E-08	-1.15E-07	-6.68E-08	-3.12E-08	-2.83E-08	-1.29E-08	-2.55E-08	-1.28E-09	-3.08E-08	-6.81E-09	-4.24E-09	-6.73E-09	-1.19E-09	-1.68E-09	-5.28E-08
2194	473544.83, 3848107.25	0.83346	-1.05E-04	-4.93E-05	-9.73E-05	-3.65E-08	-1.10E-07	-6.38E-08	-2.98E-08	-2.70E-08	-1.23E-08	-2.44E-08	-1.22E-09	-2.94E-08	-6.50E-09	-4.05E-09	-6.42E-09	-1.13E-09	-1.61E-09	-5.04E-08
2195	473544.83, 3848132.25	0.79759	-1.01E-04	-4.72E-05	-9.31E-05	-3.49E-08	-1.05E-07	-6.11E-08	-2.85E-08	-2.59E-08	-1.18E-08	-2.33E-08	-1.17E-09	-2.82E-08	-6.22E-09	-3.87E-09	-6.15E-09	-1.08E-09	-1.54E-09	-4.82E-08
2196	473569.83, 3847757.25	3.94495	-4.99E-04	-2.33E-04	-4.61E-04	-1.73E-07	-5.22E-07	-3.02E-07	-1.41E-07	-1.28E-07	-5.84E-08	-1.15E-07	-5.77E-09	-1.39E-07	-3.08E-08	-1.92E-08	-3.04E-08	-5.36E-09	-7.61E-09	-2.38E-07
2197	473569.83, 3847782.25	2.9789	-3.77E-04	-1.76E-04	-3.48E-04	-1.30E-07	-3.94E-07	-2.28E-07	-1.07E-07	-9.66E-08	-4.41E-08	-8.71E-08	-4.36E-09	-1.05E-07	-2.32E-08	-1.45E-08	-2.30E-08	-4.05E-09	-5.74E-09	-1.80E-07
2198	473569.83, 3847807.25	2.40554	-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.61E-08	-7.80E-08	-3.56E-08	-7.03E-08	-3.52E-09	-8.50E-08	-1.88E-08	-1.17E-08	-1.85E-08	-3.27E-09	-4.64E-09	-1.45E-07
2199	473569.83, 3847832.25	2.04024	-2.58E-04	-1.21E-04	-2.38E-04	-8.94E-08	-2.70E-07	-1.56E-07	-7.30E-08	-6.62E-08	-3.02E-08	-5.96E-08	-2.98E-09	-7.21E-08	-1.59E-08	-9.91E-09	-1.57E-08	-2.77E-09	-3.93E-09	-1.23E-07
2200	473569.83, 3847857.25	1.76886	-2.24E-04	-1.05E-04	-2.07E-04	-7.75E-08	-2.34E-07	-1.35E-07	-6.33E-08	-5.74E-08	-2.62E-08	-5.17E-08	-2.59E-09	-6.25E-08	-1.38E-08	-8.59E-09	-1.36E-08	-2.40E-09	-3.41E-09	-1.07E-07
2201	473569.83, 3847882.25	1.57629	-1.99E-04	-9.32E-05	-1.84E-04	-6.90E-08	-2.08E-07	-1.21E-07	-5.64E-08	-5.11E-08	-2.33E-08	-4.61E-08	-2.31E-09	-5.57E-08	-1.23E-08	-7.66E-09	-1.21E-08	-2.14E-09	-3.04E-09	-9.53E-08
2202	473569.83, 3847907.25	1.43249	-1.81E-04	-8.47E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.13E-08	-4.65E-08	-2.12E-08	-4.19E-08	-2.09E-09	-5.06E-08	-1.12E-08	-6.96E-09	-1.10E-08	-1.95E-09	-2.76E-09	-8.66E-08
2203	473569.83, 3847932.25	1.31697	-1.67E-04	-7.79E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.40E-09	-1.01E-08	-1.79E-09	-2.54E-09	-7.96E-08
2204	473569.83, 3847957.25	1.21994	-1.54E-04	-7.21E-05	-1.42E-04	-5.34E-08	-1.61E-07	-9.34E-08	-4.36E-08	-3.96E-08	-1.81E-08	-3.57E-08	-1.78E-09	-4.31E-08	-9.51E-09	-5.93E-09	-9.40E-09	-1.66E-09	-2.35E-09	-7.37E-08
2205	473569.83, 3847982.25	1.13962	-1.44E-04	-6.74E-05	-1.33E-04	-4.99E-08	-1.51E-07	-8.72E-08	-4.08E-08	-3.70E-08	-1.69E-08	-3.33E-08	-1.67E-09	-4.03E-08	-8.88E-09	-5.54E-09	-8.78E-09	-1.55E-09	-2.20E-09	-6.89E-08
2206	473569.83, 3848007.25	1.07009	-1.35E-04	-6.33E-05	-1.25E-04	-4.69E-08	-1.42E-07	-8.19E-08	-3.83E-08	-3.47E-08	-1.58E-08	-3.13E-08	-1.56E-09	-3.78E-08	-8.34E-09	-5.20E-09	-8.25E-09	-1.45E-09	-2.06E-09	-6.47E-08
2207	473569.83, 3848032.25	1.0092	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.33E-07	-7.73E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.57E-08	-7.87E-09	-4.90E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
2208	473569.83, 3848057.25	0.95562	-1.21E-04	-5.65E-05	-1.12E-04	-4.19E-08	-1.26E-07	-7.32E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.38E-08	-7.45E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.78E-08
2209	473569.83, 3848082.25	0.90734	-1.15E-04	-5.37E-05	-1.06E-04	-3.97E-08	-1.20E-07	-6.95E-08	-3.25E-08	-2.94E-08	-1.34E-08	-2.65E-08	-1.33E-09	-3.21E-08	-7.07E-09	-4.41E-09	-6.99E-09	-1.23E-09	-1.75E-09	-5.48E-08
2210	473569.83, 3848107.25	0.86433	-1.09E-04	-5.11E-05	-1.01E-04	-3.79E-08	-1.14E-07	-6.62E-08	-3.09E-08	-2.80E-08	-1.28E-08	-2.53E-08	-1.26E-09	-3.05E-08	-6.74E-09	-4.20E-09	-6.66E-09	-1.17E-09	-1.67E-09	-5.22E-08
2211	473569.83, 3848132.25	0.82567	-1.04E-04	-4.88E-05	-9.64E-05	-3.62E-08	-1.09E-07	-6.32E-08	-2.95E-08	-2.68E-08	-1.22E-08	-2.41E-08	-1.21E-09	-2.92E-08	-6.44E-09	-4.01E-09	-6.36E-09	-1.12E-09	-1.59E-09	-4.99E-08
2212	473594.83, 3847782.25	3.4855	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.73E-09	-6.72E-09	-2.11E-07
2213	473594.83, 3847807.25	2.72568	-3.45E-04	-1.61E-04	-3.18E-04	-1.19E-07	-3.60E-07	-2.09E-07	-9.75E-08	-8.84E-08	-4.03E-08	-7.97E-08	-3.99E-09	-9.63E-08	-2.12E-08	-1.32E-08	-2.10E-08	-3.70E-09	-5.25E-09	-1.65E-07
2214	473594.83, 3847832.25	2.265	-2.87E-04	-1.34E-04	-2.65E-04	-9.92E-08	-3.00E-07	-1.73E-07	-8.10E-08	-7.35E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.00E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
2215	473594.83, 3847857.25	1.95249	-2.47E-04	-1.15E-04	-2.28E-04	-8.55E-08	-2.58E-07	-1.49E-07	-6.99E-08	-6.33E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.49E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
2216	473594.83, 3847882.25	1.71617	-2.17E-04	-1.01E-04	-2.00E-04	-7.52E-08	-2.27E-07	-1.31E-07	-6.14E-08	-5.57E-08	-2.54E-08	-5.02E-08	-2.51E-09	-6.06E-08	-1.34E-08	-8.34E-09	-1.32E-08	-2.33E-09	-3.31E-09	-1.04E-07
2217	473594.83, 3847907.25	1.53602	-1.94E-04	-9.08E-05	-1.79E-04	-6.73E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.98E-08	-2.27E-08	-4.49E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.46E-09	-1.18E-08	-2.09E-09	-2.96E-09	-9.28E-08
2218	473594.83, 3847932.25	1.39965	-1.77E-04	-8.28E-05	-1.63E-04	-6.13E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.09E-08	-2.05E-09	-4.94E-08	-1.09E-08	-6.80E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.46E-08
2219	473594.83, 3847957.25	1.28993	-1.63E-04	-7.63E-05	-1.51E-04	-5.65E-08	-1.71E-07	-9.87E-08	-4.62E-08	-4.18E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.94E-09	-1.75E-09	-2.49E-09	-7.80E-08
2220	473594.83, 3847982.25	1.19954	-1.52E-04	-7.09E-05	-1.40E-04	-5.25E-08	-1.59E-07	-9.18E-08	-4.29E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.75E-09	-4.24E-08	-9.35E-09	-5.83E-09	-9.24E-09	-1.63E-09	-2.31E-09	-7.25E-08
2221	473594.83, 3848007.25	1.1228	-1.42E-04	-6.64E-05	-1.31E-04	-4.92E-08	-1.48E-07	-8.59E-08	-4.02E-08	-3.64E-08	-1.66E-08	-3.28E-08	-1.64E-09	-3.97E-08	-8.75E-09	-5.45E-09	-8.65E-09	-1.52E-09	-2.16E-09	-6.79E-08
2222	473594.83, 3848032.25	1.0563	-1.34E-04	-6.25E-05	-1.23E-04	-4.63E-08	-1.40E-07	-8.09E-08	-3.78E-08	-3.43E-08	-1.56E-08	-3.09E-08	-1.54E-09	-3.73E-08	-8.23E-09	-5.13E-09	-8.14E-09	-1.43E-09	-2.04E-09	-6.38E-08
2223	473594.83, 3848057.25	0.99779	-1.26E-04	-5.90E-05	-1.17E-04	-4.37E-08	-1.32E-07	-7.64E-08	-3.57E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.52E-08	-7.78E-09	-4.85E-09	-7.69E-09	-1.36E-09	-1.92E-09	-6.03E-08
2224	473594.83, 3848082.25	0.94597	-1.20E-04	-5.59E-05	-1.10E-04	-4.14E-08	-1.25E-07	-7.24E-08	-3.38E-08	-3.07E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.34E-08	-7.37E-09	-4.60E-09	-7.29E-09	-1.28E-09	-1.82E-09	-5.72E-08
2225	473594.83, 3848107.25	0.89786	-1.14E-04	-5.31E-05	-1.05E-04	-3.93E-08	-1.19E-07	-6.87E-08	-3.21E-08	-2.91E-08	-1.33E-08	-2.62E-08	-1.31E-09	-3.17E-08	-7.00E-09	-4.36E-09	-6.92E-09	-1.22E-09	-1.73E-09	-5.43E-08
2226	473594.83, 3848132.25	0.85634	-1.08E-04	-5.06E-05	-1.00E-04	-3.75E-08	-1.13E-07	-6.56E-08	-3.06E-08	-2.78E-08	-1.27E-08	-2.50E-08	-1.25E-09	-3.03E-08	-6.68E-09	-4.16E-09	-6.60E-09	-1.16E-09	-1.65E-09	-5.18E-08
2227	473594.83, 3848157.25	0.81925	-1.04E-04	-4.84E-05	-9.57E-05	-3.59E-08	-1.08E-07	-6.27E-08	-2.93E-08	-2.66E-08	-1.21E-08	-2.39E-08	-1.20E-09	-2.89E-08	-6.39E-09	-3.98E-09	-6.31E-09	-1.11E-09	-1.58E-09	-4.95E-08
2228	473619.83, 3847782.25	4.21995	-5.34E-04	-2.50E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.23E-07	-6.17E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.73E-09	-8.14E-09	-2.55E-07
2229	473619.83, 3847807.25	3.13869	-3.97E-04	-1.86E-04	-3.67E-04	-1.37E-07	-4.15E-07	-2.40E-07	-1.12E-07	-1.02E-07	-4.65E-08	-9.17E-08	-4.59E-09	-1.11E-07	-2.45E-08	-1.52E-08	-2.42E-08	-4.26E-09	-6.05E-09	-1.90E-07
2230	473619.83, 3847832.25	2.54167	-3.22E-04	-1.50E-04	-2.97E-04	-1.11E-07	-3.36E-07	-1.95E-07	-9.09E-08	-8.24E-08	-3.76E-08	-7.43E-08	-3.72E-09	-8.98E-08	-1.98E-08	-1.23E-08	-1.96E-08	-3.45E-09	-4.90E-09	-1.54E-07
2231	473619.83, 3847857.25	2.16114	-2.73E-04	-1.28E-04	-2.52E-04	-9.46E-08	-2.86E-07	-1.65E-07	-7.73E-08	-7.01E-08	-3.20E-08	-6.32E-08	-3.16E-09	-7.63E-08	-1.68E-08	-1.05E-08	-1.67E-08	-2.94E-09	-4.17E-09	-1.31E-07
2232	473619.83, 3847882.25	1.87846	-2.38E-04	-1.11E-04	-2.19E-04	-8.23E-08	-2.48E-07	-1.44E-07	-6.72E-08	-6.09E-08	-2.78E-08	-5.49E-08	-2.75E-09	-6.64E-08	-1.46E-08	-9.13E-09	-1.45E-08	-2.55E-09	-3.62E-09	-1.14E-07
2233	473619.83, 3847907.25	1.66254	-2.10E-04	-9.83E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.87E-08	-1.30E-08	-8.08E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.00E-07
2234	473619.83, 3847932.25	1.49856	-1.90E-04	-8.86E-05	-1.75E-04	-6.56E-08	-1.98E-07	-1.15E-07	-5.36E-08	-4.86E-08	-2.22E-08	-4.38E-08	-2.19E-09	-5.29E-08	-1.17E-08	-7.28E-09	-1.15E-08	-2.04E-09	-2.89E-09	-9.06E-08
2235	473619.83, 3847957.25	1.36935	-1.73E-04	-8.10E-05	-1.60E-04	-6.00E-08	-1.81E-07	-1.05E-07	-4.90E-08	-4.44E-08	-2.03E-08	-4.00E-08	-2.00E-09	-4.84E-08	-1.07E-08	-6.65E-09	-1.06E-08	-1.86E-09	-2.64E-09	-8.28E-08

2236	473619.83, 3847982.25	1.2658	-1.60E-04	-7.49E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.69E-08	-4.53E-08	-4.11E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.87E-09	-6.15E-09	-9.75E-09	-1.72E-09	-2.44E-09	-7.65E-08
2237	473619.83, 3848007.25	1.17967	-1.49E-04	-6.98E-05	-1.38E-04	-5.17E-08	-1.56E-07	-9.03E-08	-4.22E-08	-3.83E-08	-1.75E-08	-3.45E-08	-1.73E-09	-4.17E-08	-9.20E-09	-5.73E-09	-9.09E-09	-1.60E-09	-2.27E-09	-7.13E-08
2238	473619.83, 3848032.25	1.10561	-1.40E-04	-6.54E-05	-1.29E-04	-4.84E-08	-1.46E-07	-8.46E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.62E-09	-5.37E-09	-8.52E-09	-1.50E-09	-2.13E-09	-6.68E-08
2239	473619.83, 3848057.25	1.04063	-1.32E-04	-6.15E-05	-1.22E-04	-4.56E-08	-1.38E-07	-7.97E-08	-3.72E-08	-3.38E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.68E-08	-8.11E-09	-5.06E-09	-8.02E-09	-1.41E-09	-2.01E-09	-6.29E-08
2240	473619.83, 3848082.25	0.98445	-1.25E-04	-5.82E-05	-1.15E-04	-4.31E-08	-1.30E-07	-7.54E-08	-3.52E-08	-3.19E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.67E-09	-4.78E-09	-7.59E-09	-1.34E-09	-1.90E-09	-5.95E-08
2241	473619.83, 3848107.25	0.93341	-1.18E-04	-5.52E-05	-1.09E-04	-4.09E-08	-1.23E-07	-7.15E-08	-3.34E-08	-3.03E-08	-1.38E-08	-2.73E-08	-1.37E-09	-3.30E-08	-7.28E-09	-4.53E-09	-7.19E-09	-1.27E-09	-1.80E-09	-5.64E-08
2242	473619.83, 3848132.25	0.88891	-1.12E-04	-5.26E-05	-1.04E-04	-3.89E-08	-1.18E-07	-6.80E-08	-3.18E-08	-2.88E-08	-1.32E-08	-2.60E-08	-1.30E-09	-3.14E-08	-6.93E-09	-4.32E-09	-6.85E-09	-1.21E-09	-1.71E-09	-5.37E-08
2243	473619.83, 3848157.25	0.84944	-1.07E-04	-5.02E-05	-9.92E-05	-3.72E-08	-1.12E-07	-6.50E-08	-3.04E-08	-2.76E-08	-1.26E-08	-2.48E-08	-1.24E-09	-3.00E-08	-6.62E-09	-4.13E-09	-6.55E-09	-1.15E-09	-1.64E-09	-5.13E-08
2244	473619.83, 3848182.25	0.8143	-1.03E-04	-4.82E-05	-9.51E-05	-3.57E-08	-1.08E-07	-6.23E-08	-2.91E-08	-2.64E-08	-1.21E-08	-2.38E-08	-1.19E-09	-2.88E-08	-6.35E-09	-3.96E-09	-6.28E-09	-1.11E-09	-1.57E-09	-4.92E-08
2245	473644.83, 3847807.25	3.72354	-4.71E-04	-2.20E-04	-4.35E-04	-1.63E-07	-4.92E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.51E-08	-1.09E-07	-5.45E-09	-1.32E-07	-2.90E-08	-1.81E-08	-2.87E-08	-5.06E-09	-7.18E-09	-2.25E-07
2246	473644.83, 3847832.25	2.9042	-3.67E-04	-1.72E-04	-3.39E-04	-1.27E-07	-3.84E-07	-2.22E-07	-1.04E-07	-9.42E-08	-4.30E-08	-8.49E-08	-4.25E-09	-1.03E-07	-2.26E-08	-1.41E-08	-2.24E-08	-3.94E-09	-5.60E-09	-1.76E-07
2247	473644.83, 3847857.25	2.40238	-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.60E-08	-7.79E-08	-3.56E-08	-7.02E-08	-3.51E-09	-8.49E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.63E-09	-1.45E-07
2248	473644.83, 3847882.25	2.06003	-2.61E-04	-1.22E-04	-2.41E-04	-9.02E-08	-2.72E-07	-1.58E-07	-7.37E-08	-6.68E-08	-3.05E-08	-6.02E-08	-3.01E-09	-7.28E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.97E-09	-1.24E-07
2249	473644.83, 3847907.25	1.81021	-2.29E-04	-1.07E-04	-2.11E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.39E-08	-1.41E-08	-8.79E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07
2250	473644.83, 3847932.25	1.61818	-2.05E-04	-9.57E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.39E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.86E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.78E-08
2251	473644.83, 3847957.25	1.46011	-1.85E-04	-8.63E-05	-1.71E-04	-6.39E-08	-1.93E-07	-1.12E-07	-5.22E-08	-4.74E-08	-2.16E-08	-4.27E-08	-2.14E-09	-5.16E-08	-1.14E-08	-7.09E-09	-1.13E-08	-1.98E-09	-2.81E-09	-8.82E-08
2252	473644.83, 3847982.25	1.33977	-1.69E-04	-7.92E-05	-1.56E-04	-5.87E-08	-1.77E-07	-1.03E-07	-4.79E-08	-4.35E-08	-1.98E-08	-3.92E-08	-1.96E-09	-4.73E-08	-1.04E-08	-6.51E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.10E-08
2253	473644.83, 3848007.25	1.24207	-1.57E-04	-7.34E-05	-1.45E-04	-5.44E-08	-1.64E-07	-9.51E-08	-4.44E-08	-4.03E-08	-1.84E-08	-3.63E-08	-1.82E-09	-4.39E-08	-9.68E-09	-6.03E-09	-9.57E-09	-1.69E-09	-2.39E-09	-7.51E-08
2254	473644.83, 3848032.25	1.15972	-1.47E-04	-6.86E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.88E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.04E-09	-5.63E-09	-8.94E-09	-1.58E-09	-2.24E-09	-7.01E-08
2255	473644.83, 3848057.25	1.08859	-1.38E-04	-6.44E-05	-1.27E-04	-4.77E-08	-1.44E-07	-8.33E-08	-3.89E-08	-3.53E-08	-1.61E-08	-3.18E-08	-1.59E-09	-3.85E-08	-8.49E-09	-5.29E-09	-8.39E-09	-1.48E-09	-2.10E-09	-6.58E-08
2256	473644.83, 3848082.25	1.02726	-1.30E-04	-6.07E-05	-1.20E-04	-4.50E-08	-1.36E-07	-7.86E-08	-3.68E-08	-3.33E-08	-1.52E-08	-3.00E-08	-1.50E-09	-3.63E-08	-8.01E-09	-4.99E-09	-7.92E-09	-1.40E-09	-1.98E-09	-6.21E-08
2257	473644.83, 3848107.25	0.97356	-1.23E-04	-5.76E-05	-1.14E-04	-4.26E-08	-1.29E-07	-7.45E-08	-3.48E-08	-3.16E-08	-1.44E-08	-2.85E-08	-1.42E-09	-3.44E-08	-7.59E-09	-4.73E-09	-7.50E-09	-1.32E-09	-1.88E-09	-5.88E-08
2258	473644.83, 3848132.25	0.92554	-1.17E-04	-5.47E-05	-1.08E-04	-4.05E-08	-1.22E-07	-7.08E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.71E-08	-1.35E-09	-3.27E-08	-7.21E-09	-4.50E-09	-7.13E-09	-1.26E-09	-1.78E-09	-5.59E-08
2259	473644.83, 3848157.25	0.88354	-1.12E-04	-5.22E-05	-1.03E-04	-3.87E-08	-1.17E-07	-6.76E-08	-3.16E-08	-2.87E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.89E-09	-4.29E-09	-6.81E-09	-1.20E-09	-1.70E-09	-5.34E-08
2260	473644.83, 3848182.25	0.84686	-1.07E-04	-5.01E-05	-9.89E-05	-3.71E-08	-1.12E-07	-6.48E-08	-3.03E-08	-2.75E-08	-1.25E-08	-2.48E-08	-1.24E-09	-2.99E-08	-6.60E-09	-4.11E-09	-6.53E-09	-1.15E-09	-1.63E-09	-5.12E-08
2261	473669.83, 3847807.25	4.5822	-5.80E-04	-2.71E-04	-5.35E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.78E-08	-1.34E-07	-6.70E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.22E-09	-8.83E-09	-2.77E-07
2262	473669.83, 3847832.25	3.3726	-4.27E-04	-1.99E-04	-3.94E-04	-1.48E-07	-4.46E-07	-2.58E-07	-1.21E-07	-1.09E-07	-4.99E-08	-9.86E-08	-4.93E-09	-1.19E-07	-2.63E-08	-1.64E-08	-2.60E-08	-4.58E-09	-6.50E-09	-2.04E-07
2263	473669.83, 3847857.25	2.70367	-3.42E-04	-1.60E-04	-3.16E-04	-1.18E-07	-3.58E-07	-2.07E-07	-9.67E-08	-8.77E-08	-4.00E-08	-7.90E-08	-3.95E-09	-9.55E-08	-2.11E-08	-1.31E-08	-2.08E-08	-3.67E-09	-5.21E-09	-1.63E-07
2264	473669.83, 3847882.25	2.27247	-2.87E-04	-1.34E-04	-2.65E-04	-9.95E-08	-3.00E-07	-1.74E-07	-8.13E-08	-7.37E-08	-3.36E-08	-6.64E-08	-3.32E-09	-8.03E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.09E-09	-4.38E-09	-1.37E-07
2265	473669.83, 3847907.25	1.97012	-2.49E-04	-1.17E-04	-2.30E-04	-8.63E-08	-2.61E-07	-1.51E-07	-7.05E-08	-6.39E-08	-2.92E-08	-5.76E-08	-2.88E-09	-6.96E-08	-1.54E-08	-9.57E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
2266	473669.83, 3847932.25	1.7458	-2.21E-04	-1.03E-04	-2.04E-04	-7.65E-08	-2.31E-07	-1.34E-07	-6.25E-08	-5.66E-08	-2.58E-08	-5.10E-08	-2.55E-09	-6.17E-08	-1.36E-08	-8.48E-09	-1.35E-08	-2.37E-09	-3.37E-09	-1.06E-07
2267	473669.83, 3847957.25	1.56754	-1.98E-04	-9.27E-05	-1.83E-04	-6.86E-08	-2.07E-07	-1.20E-07	-5.61E-08	-5.08E-08	-2.32E-08	-4.58E-08	-2.29E-09	-5.54E-08	-1.22E-08	-7.61E-09	-1.21E-08	-2.13E-09	-3.02E-09	-9.47E-08
2268	473669.83, 3847982.25	1.42563	-1.80E-04	-8.43E-05	-1.66E-04	-6.24E-08	-1.89E-07	-1.09E-07	-5.10E-08	-4.62E-08	-2.11E-08	-4.17E-08	-2.08E-09	-5.04E-08	-1.11E-08	-6.93E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.62E-08
2269	473669.83, 3848007.25	1.31227	-1.66E-04	-7.76E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.00E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.37E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
2270	473669.83, 3848032.25	1.21955	-1.54E-04	-7.21E-05	-1.42E-04	-5.34E-08	-1.61E-07	-9.34E-08	-4.36E-08	-3.96E-08	-1.80E-08	-3.56E-08	-1.78E-09	-4.31E-08	-9.51E-09	-5.92E-09	-9.40E-09	-1.66E-09	-2.35E-09	-7.37E-08
2271	473669.83, 3848057.25	1.14164	-1.44E-04	-6.75E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.74E-08	-4.08E-08	-3.70E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.03E-08	-8.90E-09	-5.55E-09	-8.80E-09	-1.55E-09	-2.20E-09	-6.90E-08
2272	473669.83, 3848082.25	1.07477	-1.36E-04	-6.36E-05	-1.26E-04	-4.71E-08	-1.42E-07	-8.23E-08	-3.85E-08	-3.49E-08	-1.59E-08	-3.14E-08	-1.57E-09	-3.80E-08	-8.38E-09	-5.22E-09	-8.28E-09	-1.46E-09	-2.07E-09	-6.50E-08
2273	473669.83, 3848107.25	1.01764	-1.29E-04	-6.02E-05	-1.19E-04	-4.46E-08	-1.35E-07	-7.79E-08	-3.64E-08	-3.30E-08	-1.51E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.93E-09	-4.94E-09	-7.84E-09	-1.38E-09	-1.96E-09	-6.15E-08
2274	473669.83, 3848132.25	0.96671	-1.22E-04	-5.72E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.40E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.41E-09	-3.41E-08	-7.54E-09	-4.70E-09	-7.45E-09	-1.31E-09	-1.86E-09	-5.84E-08
2275	473669.83, 3848157.25	0.92202	-1.17E-04	-5.45E-05	-1.08E-04	-4.04E-08	-1.22E-07	-7.06E-08	-3.30E-08	-2.99E-08	-1.36E-08	-2.69E-08	-1.35E-09	-3.26E-08	-7.19E-09	-4.48E-09	-7.11E-09	-1.25E-09	-1.78E-09	-5.57E-08
2276	473669.83, 3848182.25	0.88204	-1.12E-04	-5.22E-05	-1.03E-04	-3.86E-08	-1.17E-07	-6.75E-08	-3.16E-08	-2.86E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.88E-09	-4.28E-09	-6.80E-09	-1.20E-09	-1.70E-09	-5.33E-08
2277	473669.83, 3848207.25	0.84291	-1.07E-04	-4.98E-05	-9.84E-05	-3.69E-08	-1.11E-07	-6.45E-08	-3.02E-08	-2.73E-08	-1.25E-08	-2.46E-08	-1.23E-09	-2.98E-08	-6.57E-09	-4.09E-09	-6.50E-09	-1.14E-09	-1.63E-09	-5.09E-08
2278	473694.83, 3847832.25	4.01237	-5.08E-04	-2.37E-04	-4.69E-04	-1.76E-07	-5.31E-07	-3.07E-07	-1.44E-07	-1.30E-07	-5.94E-08	-1.17E-07	-5.87E-09	-1.42E-07	-3.13E-08	-1.95E-08	-3.09E-08	-5.45E-09	-7.74E-09	-2.42E-07
2279	473694.83, 3847857.25	3.07853	-3.89E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.99E-08	-4.56E-08	-9.00E-08	-4.50E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.37E-08	-4.18E-09	-5.94E-09	-1.86E-07
2280	473694.83, 3847882.25	2.52546	-3.20E-04	-1.49E-04	-2.95E-04	-1.11E-07	-3.34E-07	-1.93E-07	-9.04E-08	-8.19E-08	-3.74E-08	-7.38E-08	-3.69E-09	-8.92E-08	-1.97E-08	-1.23E-08	-1.95E-08	-3.43E-09	-4.87E-09	-1.53E-07
2281	473694.83, 3847907.25	2.15721	-2.73E-04	-1.28E-04	-2.52E-04	-9.45E-08	-2.85E-07	-1.65E-07	-7.72E-08	-7.00E-08	-3.19E-08	-6.31E-08	-3.15E-09	-7.62E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.16E-09	-1.30E-07
2282	473694.83, 3847932.25	1.89037	-2.39E-04	-1.12E-04	-2.21E-04	-8.28E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.13E-08	-2.80E-08	-5.53E-08	-2.76E-09	-6.68E-08	-1.47E-08	-9.18E-09	-1.46E-08	-2.57E-09	-3.64E-09	-1.14E-07
2283	473694.83, 3847957.25	1.68797	-2.14E-04	-9.98E-05	-1.97E-04	-7.39E-08	-2.23E-07	-1.29E-07	-6.04E-08	-5.47E-08	-2.50E-08	-4.93E-08	-2.47E-09	-5.96E-08	-1.32E-08	-8.20E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
2284	473694.83, 3847982.25	1.52234	-1.93E-04	-9.00E-05	-1.78E-04	-6.67E-08	-2.01E-07	-1.17E-07	-5.45E-08	-4.94E-08	-2.25E-08	-4.45E-08	-2.23E-09	-5.38E-08	-1.19E-08	-7.40E-09	-1.17E-08	-2.07E-09	-2.93E-09	-9.20E-08
2285	473694.83, 3848007.25	1.39125	-1.76E-04	-8.23E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.98E-08	-4.51E-08	-2.06E-08	-4.07E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.76E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.41E-08
2286	473694.83, 3848032.25	1.28636	-1.63E-04	-7.61E-05	-1.50E-04	-5.63E-08	-1.70E-07	-9.85E-08	-4.60E-08	-4.17E-08	-1.90E-08	-3.76E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.25E-09	-9.91E-09	-1.75E-09	-2.48E-09	-7.77E-08
2287	473694.83, 3848057.25	1.20059	-1.52E-04	-7.10E-05	-1.40E-04	-5.26E-08	-1.59E-07	-9.19E-08	-4.30E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.24E-08	-9.36E-09	-5.83E-09	-9.25E-09	-1.63E-09	-2.31E-09	-7.26E-08
2288	473694.83, 3848082.25	1.12756	-1.43E-04	-6.67E-05	-1.32E-04	-4.94E-08	-1.49E-07	-8.63E-08	-4.03E-08	-3.66E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.98E-08	-8.79E-09	-5.48E-09	-8.69E-09	-1.53E-09	-2.17E-09	-6.81E-08
2289	473694.83, 3848107.25	1.06393	-1.35E-04	-6.29E-05	-1.24E-04	-4.66E-08	-1.41E-07	-8.14E-08	-3.81E-08	-3.45E-08	-1.57E-08	-3.11E-08	-1.56E-09	-3.76E-08	-8.29E-09	-5.17E-09	-8.20E-09	-1.45E-09	-2.05E-09	-6.43E-08
2290	473694.83, 3848132.25	1.0076	-1.27E-04	-5.96E-05	-1.18E-04	-4.41E-08	-1.33E-07	-7.71E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.94E-08	-1.47E-09	-3.56E-08	-7.85E-09	-4.89E-09	-7.77E-09	-1.37E-09	-1.94E-09	-6.09E-08
2291	473694.83, 3848157.25	0.95968	-1.21E-04	-5.67E-05	-1.12E-04	-4.20E-08	-1.27E-07	-7.35E-08	-3.43E-08	-3.11E-08	-1.42E-08	-2.80E-08	-1.40E-09	-3.39E-08	-7.48E-09	-4.66E-09	-7.40E-09	-1.30E-09	-1.85E-09	-5.80E-08
2292	473694.83, 3848182.25	0.91726	-1.16E-04	-5.42E-05	-1.07E-04	-4.02E-08	-1.21E-07	-7.02E-08	-3.28E-08	-2.98E-08	-1.36E-08	-2.68E-08	-1.34E-09	-3.24E-08	-7.15E-09	-4.46E-09	-7.07E-09	-1.25E-09	-1.77E-09	-5.54E-08
2293	473694.83, 3848207.25	0.87348	-1.11E-04	-5.17E-05	-1.02E-04	-3.83E-08	-1.16E-07	-6.69E-08	-3.13E-08	-2.83E-08	-1.29E-08	-2.55E-08	-1.28E-09	-3.09E-08	-6.81E-09	-4.24E-09	-6.73E-09	-1.19E-09	-1.68E-09	-5.28E-08
2294	473719.83, 3847857.25	3.58916	-4.54E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.75E-07	-2.75E-07	-1.28E-07	-1.16E-07	-5.31E-08	-1.05E-07	-5.25E-09	-1.27E-07	-2.80E-08	-1.74E-08	-2.77E-08	-4.87E-09	-6.92E-09	-2.17E-07
2295	473719.83, 3847882.25	2.84769	-3.60E-04	-1.68E-04	-3.33E-04	-1.25E-07	-3.77E-07	-2.18E-07	-1.02E-07	-9.24E-08	-4.21E-08	-8.32E-08	-4.16E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.19E-08	-3.87E-09	-5.49E-09	-1.72E-07
2296	473719.83, 3847907.25	2.38399	-3.02E-04	-1.41E-04	-2.78E-04	-1.04E-07	-3.15E-07	-1.82E-07	-8.53E-08	-7.73E-08	-3.53E-08	-6.97E-08	-3.49E-09	-8.42E-08	-1.86E-08	-1.16E-08	-1.84E-08	-3.24E-09	-4.60E-09	-1.44E-07
2297	473719.83, 3847932.25	2.0601	-2.61E-04	-1.22E-04	-2.41E-04	-9.02E-08	-2.72E-07	-1.58E-07	-7.37E-08	-6.68E-08	-3.05E-08	-6.02E-08	-3.01E-09	-7.28E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.97E-09	-1.24E-07
2298	473719.83, 3847957.25	1.82115	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
2299	473719.83, 3847982.25	1.63348	-2.07E-04	-9.66E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.30E-08	-2.42E-08	-4.77E-08	-2.39E-09	-5.77E-08	-1.27E-08	-7.94E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.87E-08

2300	473719.83, 3848007.25	1.48118	-1.87E-04	-8.76E-05	-1.73E-04	-6.49E-08	-1.96E-07	-1.13E-07	-5.30E-08	-4.80E-08	-2.19E-08	-4.33E-08	-2.17E-09	-5.23E-08	-1.15E-08	-7.20E-09	-1.14E-08	-2.01E-09	-2.86E-09	-8.95E-08
2301	473719.83, 3848032.25	1.36057	-1.72E-04	-8.05E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.41E-08	-2.01E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.61E-09	-1.05E-08	-1.85E-09	-2.62E-09	-8.22E-08
2302	473719.83, 3848057.25	1.26562	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.69E-08	-4.53E-08	-4.10E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.87E-09	-6.15E-09	-9.75E-09	-1.72E-09	-2.44E-09	-7.65E-08
2303	473719.83, 3848082.25	1.18679	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.08E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.19E-08	-9.25E-09	-5.77E-09	-9.15E-09	-1.61E-09	-2.29E-09	-7.17E-08
2304	473719.83, 3848107.25	1.11321	-1.41E-04	-6.58E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.52E-08	-3.98E-08	-3.61E-08	-1.65E-08	-3.25E-08	-1.63E-09	-3.93E-08	-8.68E-09	-5.41E-09	-8.58E-09	-1.51E-09	-2.15E-09	-6.73E-08
2305	473719.83, 3848132.25	1.04985	-1.33E-04	-6.21E-05	-1.23E-04	-4.60E-08	-1.39E-07	-8.04E-08	-3.76E-08	-3.41E-08	-1.55E-08	-3.07E-08	-1.54E-09	-3.71E-08	-8.18E-09	-5.10E-09	-8.09E-09	-1.43E-09	-2.02E-09	-6.34E-08
2306	473719.83, 3848157.25	0.99671	-1.26E-04	-5.89E-05	-1.16E-04	-4.37E-08	-1.32E-07	-7.63E-08	-3.57E-08	-3.23E-08	-1.48E-08	-2.91E-08	-1.46E-09	-3.52E-08	-7.77E-09	-4.84E-09	-7.68E-09	-1.35E-09	-1.92E-09	-6.02E-08
2307	473719.83, 3848182.25	0.95054	-1.20E-04	-5.62E-05	-1.11E-04	-4.16E-08	-1.26E-07	-7.28E-08	-3.40E-08	-3.08E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.36E-08	-7.41E-09	-4.62E-09	-7.33E-09	-1.29E-09	-1.83E-09	-5.74E-08
2308	473719.83, 3848207.25	0.90512	-1.15E-04	-5.35E-05	-1.06E-04	-3.96E-08	-1.20E-07	-6.93E-08	-3.24E-08	-2.94E-08	-1.34E-08	-2.65E-08	-1.32E-09	-3.20E-08	-7.06E-09	-4.40E-09	-6.98E-09	-1.23E-09	-1.74E-09	-5.47E-08
2309	473719.83, 3848232.25	0.86477	-1.09E-04	-5.11E-05	-1.01E-04	-3.79E-08	-1.14E-07	-6.62E-08	-3.09E-08	-2.80E-08	-1.28E-08	-2.53E-08	-1.26E-09	-3.05E-08	-6.74E-09	-4.20E-09	-6.66E-09	-1.17E-09	-1.67E-09	-5.23E-08
2310	473744.83, 3847857.25	4.31125	-5.45E-04	-2.55E-04	-5.03E-04	-1.89E-07	-5.70E-07	-3.30E-07	-1.54E-07	-1.40E-07	-6.38E-08	-1.26E-07	-6.30E-09	-1.52E-07	-3.36E-08	-2.09E-08	-3.32E-08	-5.86E-09	-8.31E-09	-2.61E-07
2311	473744.83, 3847882.25	3.27855	-4.15E-04	-1.94E-04	-3.83E-04	-1.44E-07	-4.34E-07	-2.51E-07	-1.17E-07	-1.06E-07	-4.85E-08	-9.58E-08	-4.79E-09	-1.16E-07	-2.56E-08	-1.59E-08	-2.53E-08	-4.45E-09	-6.32E-09	-1.98E-07
2312	473744.83, 3847907.25	2.66618	-3.37E-04	-1.58E-04	-3.11E-04	-1.17E-07	-3.53E-07	-2.04E-07	-9.54E-08	-8.65E-08	-3.95E-08	-7.79E-08	-3.90E-09	-9.42E-08	-2.08E-08	-1.30E-08	-2.05E-08	-3.62E-09	-5.14E-09	-1.61E-07
2313	473744.83, 3847932.25	2.262	-2.86E-04	-1.34E-04	-2.64E-04	-9.91E-08	-2.99E-07	-1.73E-07	-8.09E-08	-7.34E-08	-3.35E-08	-6.61E-08	-3.31E-09	-7.99E-08	-1.76E-08	-1.10E-08	-1.74E-08	-3.07E-09	-4.36E-09	-1.37E-07
2314	473744.83, 3847957.25	1.9737	-2.50E-04	-1.17E-04	-2.30E-04	-8.64E-08	-2.61E-07	-1.51E-07	-7.06E-08	-6.40E-08	-2.92E-08	-5.77E-08	-2.89E-09	-6.97E-08	-1.54E-08	-9.59E-09	-1.52E-08	-2.68E-09	-3.81E-09	-1.19E-07
2315	473744.83, 3847982.25	1.75429	-2.22E-04	-1.04E-04	-2.05E-04	-7.68E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.52E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
2316	473744.83, 3848007.25	1.57921	-2.00E-04	-9.34E-05	-1.84E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.14E-09	-3.04E-09	-9.54E-08
2317	473744.83, 3848032.25	1.44254	-1.83E-04	-8.53E-05	-1.68E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.13E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.12E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.72E-08
2318	473744.83, 3848057.25	1.33598	-1.69E-04	-7.90E-05	-1.56E-04	-5.85E-08	-1.77E-07	-1.02E-07	-4.78E-08	-4.33E-08	-1.98E-08	-3.90E-08	-1.95E-09	-4.72E-08	-1.04E-08	-6.49E-09	-1.03E-08	-1.81E-09	-2.58E-09	-8.07E-08
2319	473744.83, 3848082.25	1.247	-1.58E-04	-7.37E-05	-1.46E-04	-5.46E-08	-1.65E-07	-9.55E-08	-4.46E-08	-4.04E-08	-1.85E-08	-3.64E-08	-1.82E-09	-4.41E-08	-9.72E-09	-6.06E-09	-9.61E-09	-1.69E-09	-2.40E-09	-7.54E-08
2320	473744.83, 3848107.25	1.16706	-1.48E-04	-6.90E-05	-1.36E-04	-5.11E-08	-1.54E-07	-8.93E-08	-4.18E-08	-3.79E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.12E-08	-9.10E-09	-5.67E-09	-8.99E-09	-1.59E-09	-2.25E-09	-7.05E-08
2321	473744.83, 3848132.25	1.0985	-1.39E-04	-6.50E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.41E-08	-3.93E-08	-3.56E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.56E-09	-5.34E-09	-8.47E-09	-1.49E-09	-2.12E-09	-6.64E-08
2322	473744.83, 3848157.25	1.03866	-1.31E-04	-6.14E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.95E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.10E-09	-5.05E-09	-8.00E-09	-1.41E-09	-2.00E-09	-6.28E-08
2323	473744.83, 3848182.25	0.98574	-1.25E-04	-5.83E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.68E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
2324	473744.83, 3848207.25	0.93893	-1.19E-04	-5.55E-05	-1.10E-04	-4.11E-08	-1.24E-07	-7.19E-08	-3.36E-08	-3.05E-08	-1.39E-08	-2.74E-08	-1.37E-09	-3.32E-08	-7.32E-09	-4.56E-09	-7.24E-09	-1.28E-09	-1.81E-09	-5.67E-08
2325	473744.83, 3848232.25	0.89665	-1.13E-04	-5.30E-05	-1.05E-04	-3.93E-08	-1.19E-07	-6.86E-08	-3.21E-08	-2.91E-08	-1.33E-08	-2.62E-08	-1.31E-09	-3.17E-08	-6.99E-09	-4.36E-09	-6.91E-09	-1.22E-09	-1.73E-09	-5.42E-08
2326	473769.83, 3847882.25	3.87068	-4.90E-04	-2.29E-04	-4.52E-04	-1.70E-07	-5.12E-07	-2.96E-07	-1.38E-07	-1.26E-07	-5.73E-08	-1.13E-07	-5.66E-09	-1.37E-07	-3.02E-08	-1.88E-08	-2.98E-08	-5.26E-09	-7.46E-09	-2.34E-07
2327	473769.83, 3847907.25	3.02847	-3.83E-04	-1.79E-04	-3.54E-04	-1.33E-07	-4.00E-07	-2.32E-07	-1.08E-07	-9.82E-08	-4.48E-08	-8.85E-08	-4.43E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.84E-09	-1.83E-07
2328	473769.83, 3847932.25	2.50975	-3.18E-04	-1.48E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.98E-08	-8.14E-08	-3.71E-08	-7.34E-08	-3.67E-09	-8.87E-08	-1.96E-08	-1.22E-08	-1.93E-08	-3.41E-09	-4.84E-09	-1.52E-07
2329	473769.83, 3847957.25	2.15304	-2.72E-04	-1.27E-04	-2.51E-04	-9.43E-08	-2.85E-07	-1.65E-07	-7.70E-08	-6.98E-08	-3.19E-08	-6.29E-08	-3.15E-09	-7.61E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
2330	473769.83, 3847982.25	1.8877	-2.39E-04	-1.12E-04	-2.20E-04	-8.27E-08	-2.50E-07	-1.45E-07	-6.75E-08	-6.12E-08	-2.79E-08	-5.52E-08	-2.76E-09	-6.67E-08	-1.47E-08	-9.17E-09	-1.45E-08	-2.56E-09	-3.64E-09	-1.14E-07
2331	473769.83, 3848007.25	1.68811	-2.14E-04	-9.98E-05	-1.97E-04	-7.39E-08	-2.23E-07	-1.29E-07	-6.04E-08	-5.48E-08	-2.50E-08	-4.93E-08	-2.47E-09	-5.96E-08	-1.32E-08	-8.20E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
2332	473769.83, 3848032.25	1.53449	-1.94E-04	-9.07E-05	-1.79E-04	-6.72E-08	-2.03E-07	-1.17E-07	-5.49E-08	-4.98E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.42E-08	-1.20E-08	-7.45E-09	-1.18E-08	-2.08E-09	-2.96E-09	-9.27E-08
2333	473769.83, 3848057.25	1.41249	-1.79E-04	-8.35E-05	-1.65E-04	-6.19E-08	-1.87E-07	-1.08E-07	-5.05E-08	-4.58E-08	-2.09E-08	-4.13E-08	-2.07E-09	-4.99E-08	-1.10E-08	-6.86E-09	-1.09E-08	-1.92E-09	-2.72E-09	-8.54E-08
2334	473769.83, 3848082.25	1.30982	-1.66E-04	-7.75E-05	-1.53E-04	-5.74E-08	-1.73E-07	-1.00E-07	-4.69E-08	-4.25E-08	-1.94E-08	-3.83E-08	-1.92E-09	-4.63E-08	-1.02E-08	-6.36E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.92E-08
2335	473769.83, 3848107.25	1.2285	-1.55E-04	-7.26E-05	-1.43E-04	-5.38E-08	-1.62E-07	-9.40E-08	-4.40E-08	-3.98E-08	-1.82E-08	-3.59E-08	-1.80E-09	-4.34E-08	-9.58E-09	-5.97E-09	-9.47E-09	-1.67E-09	-2.37E-09	-7.42E-08
2336	473769.83, 3848132.25	1.15231	-1.46E-04	-6.81E-05	-1.35E-04	-5.05E-08	-1.52E-07	-8.82E-08	-4.12E-08	-3.74E-08	-1.71E-08	-3.37E-08	-1.69E-09	-4.07E-08	-8.98E-09	-5.60E-09	-8.88E-09	-1.57E-09	-2.22E-09	-6.96E-08
2337	473769.83, 3848157.25	1.08458	-1.37E-04	-6.41E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.45E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.55E-08
2338	473769.83, 3848182.25	1.02607	-1.30E-04	-6.07E-05	-1.20E-04	-4.49E-08	-1.36E-07	-7.85E-08	-3.67E-08	-3.33E-08	-1.52E-08	-3.00E-08	-1.50E-09	-3.62E-08	-8.00E-09	-4.98E-09	-7.91E-09	-1.39E-09	-1.98E-09	-6.20E-08
2339	473769.83, 3848207.25	0.97529	-1.23E-04	-5.77E-05	-1.14E-04	-4.27E-08	-1.29E-07	-7.47E-08	-3.49E-08	-3.16E-08	-1.44E-08	-2.85E-08	-1.43E-09	-3.45E-08	-7.60E-09	-4.74E-09	-7.52E-09	-1.32E-09	-1.88E-09	-5.89E-08
2340	473769.83, 3848232.25	0.93052	-1.18E-04	-5.50E-05	-1.09E-04	-4.08E-08	-1.23E-07	-7.12E-08	-3.33E-08	-3.02E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.29E-08	-7.25E-09	-4.52E-09	-7.17E-09	-1.26E-09	-1.79E-09	-5.62E-08
2341	473769.83, 3848257.25	0.88927	-1.13E-04	-5.26E-05	-1.04E-04	-3.89E-08	-1.18E-07	-6.81E-08	-3.18E-08	-2.88E-08	-1.32E-08	-2.60E-08	-1.30E-09	-3.14E-08	-6.93E-09	-4.32E-09	-6.85E-09	-1.21E-09	-1.71E-09	-5.37E-08
2342	473794.83, 3847882.25	4.73397	-5.99E-04	-2.80E-04	-5.53E-04	-2.07E-07	-6.26E-07	-3.62E-07	-1.69E-07	-1.54E-07	-7.01E-08	-1.38E-07	-6.92E-09	-1.67E-07	-3.69E-08	-2.30E-08	-3.65E-08	-6.43E-09	-9.13E-09	-2.86E-07
2343	473794.83, 3847907.25	3.50854	-4.44E-04	-2.07E-04	-4.10E-04	-1.54E-07	-4.64E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.19E-08	-1.03E-07	-5.13E-09	-1.24E-07	-2.73E-08	-1.70E-08	-2.70E-08	-4.77E-09	-6.76E-09	-2.12E-07
2344	473794.83, 3847932.25	2.81769	-3.56E-04	-1.67E-04	-3.29E-04	-1.23E-07	-3.73E-07	-2.16E-07	-1.01E-07	-9.14E-08	-4.17E-08	-8.24E-08	-4.12E-09	-9.95E-08	-2.20E-08	-1.37E-08	-2.17E-08	-3.83E-09	-5.43E-09	-1.70E-07
2345	473794.83, 3847957.25	2.36867	-3.00E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.13E-07	-1.81E-07	-8.48E-08	-7.68E-08	-3.51E-08	-6.92E-08	-3.46E-09	-8.37E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.22E-09	-4.57E-09	-1.43E-07
2346	473794.83, 3847982.25	2.04772	-2.59E-04	-1.21E-04	-2.39E-04	-8.97E-08	-2.71E-07	-1.57E-07	-7.33E-08	-6.64E-08	-3.03E-08	-5.99E-08	-2.99E-09	-7.23E-08	-1.60E-08	-9.95E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
2347	473794.83, 3848007.25	1.81366	-2.29E-04	-1.07E-04	-2.12E-04	-7.94E-08	-2.40E-07	-1.39E-07	-6.49E-08	-5.88E-08	-2.68E-08	-5.30E-08	-2.65E-09	-6.41E-08	-1.41E-08	-8.81E-09	-1.40E-08	-2.46E-09	-3.50E-09	-1.10E-07
2348	473794.83, 3848032.25	1.63585	-2.07E-04	-9.67E-05	-1.91E-04	-7.16E-08	-2.16E-07	-1.25E-07	-5.85E-08	-5.31E-08	-2.42E-08	-4.78E-08	-2.39E-09	-5.78E-08	-1.28E-08	-7.95E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.89E-08
2349	473794.83, 3848057.25	1.49584	-1.89E-04	-8.85E-05	-1.75E-04	-6.55E-08	-1.98E-07	-1.15E-07	-5.35E-08	-4.85E-08	-2.21E-08	-4.37E-08	-2.19E-09	-5.28E-08	-1.17E-08	-7.27E-09	-1.15E-08	-2.03E-09	-2.88E-09	-9.04E-08
2350	473794.83, 3848082.25	1.38179	-1.75E-04	-8.17E-05	-1.61E-04	-6.05E-08	-1.83E-07	-1.06E-07	-4.94E-08	-4.48E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.88E-08	-1.08E-08	-6.71E-09	-1.06E-08	-1.88E-09	-2.66E-09	-8.35E-08
2351	473794.83, 3848107.25	1.29471	-1.64E-04	-7.66E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.91E-08	-4.63E-08	-4.20E-08	-1.92E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.29E-09	-9.98E-09	-1.76E-09	-2.50E-09	-7.82E-08
2352	473794.83, 3848132.25	1.20913	-1.53E-04	-7.15E-05	-1.41E-04	-5.30E-08	-1.60E-07	-9.26E-08	-4.33E-08	-3.92E-08	-1.79E-08	-3.53E-08	-1.77E-09	-4.27E-08	-9.43E-09	-5.87E-09	-9.32E-09	-1.64E-09	-2.33E-09	-7.31E-08
2353	473794.83, 3848157.25	1.13416	-1.43E-04	-6.71E-05	-1.32E-04	-4.97E-08	-1.50E-07	-8.68E-08	-4.06E-08	-3.68E-08	-1.68E-08	-3.31E-08	-1.66E-09	-4.01E-08	-8.84E-09	-5.51E-09	-8.74E-09	-1.54E-09	-2.19E-09	-6.85E-08
2354	473794.83, 3848182.25	1.071	-1.35E-04	-6.33E-05	-1.25E-04	-4.69E-08	-1.42E-07	-8.20E-08	-3.83E-08	-3.47E-08	-1.59E-08	-3.13E-08	-1.57E-09	-3.78E-08	-8.35E-09	-5.20E-09	-8.25E-09	-1.45E-09	-2.06E-09	-6.47E-08
2355	473794.83, 3848207.25	1.0152	-1.28E-04	-6.00E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.77E-08	-3.63E-08	-3.29E-08	-1.50E-08	-2.97E-08	-1.48E-09	-3.59E-08	-7.91E-09	-4.93E-09	-7.82E-09	-1.38E-09	-1.96E-09	-6.14E-08
2356	473794.83, 3848232.25	0.96837	-1.23E-04	-5.73E-05	-1.13E-04	-4.24E-08	-1.28E-07	-7.41E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.42E-09	-3.42E-08	-7.55E-09	-4.70E-09	-7.46E-09	-1.32E-09	-1.87E-09	-5.85E-08
2357	473794.83, 3848257.25	0.92386	-1.17E-04	-5.46E-05	-1.08E-04	-4.05E-08	-1.22E-07	-7.07E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.70E-08	-1.35E-09	-3.26E-08	-7.20E-09	-4.49E-09	-7.12E-09	-1.25E-09	-1.78E-09	-5.58E-08
2358	473794.83, 3848282.25	0.88322	-1.12E-04	-5.22E-05	-1.03E-04	-3.87E-08	-1.17E-07	-6.76E-08	-3.16E-08	-2.86E-08	-1.31E-08	-2.58E-08	-1.29E-09	-3.12E-08	-6.88E-09	-4.29E-09	-6.81E-09	-1.20E-09	-1.70E-09	-5.34E-08
2359	473819.83, 3847907.25	4.17245	-5.28E-04	-2.47E-04	-4.87E-04	-1.83E-07	-5.52E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.18E-08	-1.22E-07	-6.10E-09	-1.47E-07	-3.25E-08	-2.03E-08	-3.22E-08	-5.67E-09	-8.04E-09	-2.52E-07
2360	473819.83, 3847932.25	3.20461	-4.05E-04	-1.90E-04	-3.74E-04	-1.40E-07	-4.24E-07	-2.45E-07	-1.15E-07	-1.04E-07	-4.74E-08	-9.37E-08	-4.69E-09	-1.13E-07	-2.50E-08	-1.56E-08	-2.47E-08	-4.35E-09	-6.18E-09	-1.94E-07
2361	473819.83, 3847957.25	2.62381	-3.32E-04	-1.55E-04	-3.06E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.39E-08	-8.51E-08	-3.88E-08	-7.67E-08	-3.84E-09	-9.27E-08	-2.05E-08	-1.27E-08	-2.02E-08	-3.56E-09	-5.06E-09	-1.59E-07
2362	473819.83, 3847982.25	2.2333	-2.83E-04	-1.32E-04	-2.61E-04	-9.78E-08	-2.95E-07	-1.71E-07	-7.99E-08	-7.24E-08	-3.31E-08	-6.53E-08	-3.27E-09	-7.89E-08	-1.74E-08	-1.08E-08	-1.72E-08	-3.03E-09	-4.31E-09	-1.35E-07
2363	473819.83, 3848007.25	1.95635	-2.48E-04	-1.16E-04	-2.28E-04	-8.57E-08	-2.59E-07	-1.50E-07	-7.00E-08	-6.35E-08	-2.90E-08	-5.72E-08	-2.86E-09	-6.91E-08	-1.52E-08	-9.50E-09	-1.51E-08	-2.66E-09	-3.77E-09	-1.18E-07

2364	473819.83, 3848032.25	1.75001	-2.21E-04	-1.03E-04	-2.04E-04	-7.66E-08	-2.31E-07	-1.34E-07	-6.26E-08	-5.68E-08	-2.59E-08	-5.11E-08	-2.56E-09	-6.18E-08	-1.36E-08	-8.50E-09	-1.35E-08	-2.38E-09	-3.37E-09	-1.06E-07
2365	473819.83, 3848057.25	1.59014	-2.01E-04	-9.40E-05	-1.86E-04	-6.96E-08	-2.10E-07	-1.22E-07	-5.69E-08	-5.16E-08	-2.35E-08	-4.65E-08	-2.33E-09	-5.62E-08	-1.24E-08	-7.72E-09	-1.23E-08	-2.16E-09	-3.07E-09	-9.61E-08
2366	473819.83, 3848082.25	1.46241	-1.85E-04	-8.65E-05	-1.71E-04	-6.40E-08	-1.93E-07	-1.12E-07	-5.23E-08	-4.74E-08	-2.16E-08	-4.27E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.10E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.84E-08
2367	473819.83, 3848107.25	1.36022	-1.72E-04	-8.04E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.41E-08	-2.01E-08	-3.98E-08	-1.99E-09	-4.80E-08	-1.06E-08	-6.61E-09	-1.05E-08	-1.85E-09	-2.62E-09	-8.22E-08
2368	473819.83, 3848132.25	1.2689	-1.61E-04	-7.50E-05	-1.48E-04	-5.56E-08	-1.68E-07	-9.71E-08	-4.54E-08	-4.12E-08	-1.88E-08	-3.71E-08	-1.86E-09	-4.48E-08	-9.89E-09	-6.16E-09	-9.78E-09	-1.72E-09	-2.45E-09	-7.67E-08
2369	473819.83, 3848157.25	1.18923	-1.50E-04	-7.03E-05	-1.39E-04	-5.21E-08	-1.57E-07	-9.10E-08	-4.26E-08	-3.86E-08	-1.76E-08	-3.48E-08	-1.74E-09	-4.20E-08	-9.27E-09	-5.78E-09	-9.16E-09	-1.62E-09	-2.29E-09	-7.19E-08
2370	473819.83, 3848182.25	1.1203	-1.42E-04	-6.62E-05	-1.31E-04	-4.91E-08	-1.48E-07	-8.58E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.96E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
2371	473819.83, 3848207.25	1.05994	-1.34E-04	-6.27E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.26E-09	-5.15E-09	-8.17E-09	-1.44E-09	-2.04E-09	-6.41E-08
2372	473819.83, 3848232.25	1.0074	-1.27E-04	-5.96E-05	-1.18E-04	-4.41E-08	-1.33E-07	-7.71E-08	-3.60E-08	-3.27E-08	-1.49E-08	-2.94E-08	-1.47E-09	-3.56E-08	-7.85E-09	-4.89E-09	-7.76E-09	-1.37E-09	-1.94E-09	-6.09E-08
2373	473819.83, 3848257.25	0.95958	-1.21E-04	-5.67E-05	-1.12E-04	-4.20E-08	-1.27E-07	-7.35E-08	-3.43E-08	-3.11E-08	-1.42E-08	-2.80E-08	-1.40E-09	-3.39E-08	-7.48E-09	-4.66E-09	-7.39E-09	-1.30E-09	-1.85E-09	-5.80E-08
2374	473819.83, 3848282.25	0.91688	-1.16E-04	-5.42E-05	-1.07E-04	-4.02E-08	-1.21E-07	-7.02E-08	-3.28E-08	-2.97E-08	-1.36E-08	-2.68E-08	-1.34E-09	-3.24E-08	-7.15E-09	-4.45E-09	-7.07E-09	-1.25E-09	-1.77E-09	-5.54E-08
2375	473844.83, 3847932.25	3.71867	-4.70E-04	-2.20E-04	-4.34E-04	-1.63E-07	-4.92E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.50E-08	-1.09E-07	-5.44E-09	-1.31E-07	-2.90E-08	-1.81E-08	-2.87E-08	-5.05E-09	-7.17E-09	-2.25E-07
2376	473844.83, 3847957.25	2.93815	-3.72E-04	-1.74E-04	-3.43E-04	-1.29E-07	-3.89E-07	-2.25E-07	-1.05E-07	-9.53E-08	-4.35E-08	-8.59E-08	-4.30E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.26E-08	-3.99E-09	-5.66E-09	-1.78E-07
2377	473844.83, 3847982.25	2.45734	-3.11E-04	-1.45E-04	-2.87E-04	-1.08E-07	-3.25E-07	-1.88E-07	-8.79E-08	-7.97E-08	-3.64E-08	-7.18E-08	-3.59E-09	-8.68E-08	-1.92E-08	-1.19E-08	-1.89E-08	-3.34E-09	-4.74E-09	-1.49E-07
2378	473844.83, 3848007.25	2.12587	-2.69E-04	-1.26E-04	-2.48E-04	-9.31E-08	-2.81E-07	-1.63E-07	-7.61E-08	-6.90E-08	-3.15E-08	-6.21E-08	-3.11E-09	-7.51E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.28E-07
2379	473844.83, 3848032.25	1.88354	-2.38E-04	-1.11E-04	-2.20E-04	-8.25E-08	-2.49E-07	-1.44E-07	-6.74E-08	-6.11E-08	-2.79E-08	-5.51E-08	-2.75E-09	-6.65E-08	-1.47E-08	-9.15E-09	-1.45E-08	-2.56E-09	-3.63E-09	-1.14E-07
2380	473844.83, 3848057.25	1.69826	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.96E-08	-2.48E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.27E-09	-1.03E-07
2381	473844.83, 3848082.25	1.55041	-1.96E-04	-9.17E-05	-1.81E-04	-6.79E-08	-2.05E-07	-1.19E-07	-5.55E-08	-5.03E-08	-2.29E-08	-4.53E-08	-2.27E-09	-5.48E-08	-1.21E-08	-7.53E-09	-1.19E-08	-2.11E-09	-2.99E-09	-9.37E-08
2382	473844.83, 3848107.25	1.43253	-1.81E-04	-8.47E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.13E-08	-4.65E-08	-2.12E-08	-4.19E-08	-2.09E-09	-5.06E-08	-1.12E-08	-6.96E-09	-1.10E-08	-1.95E-09	-2.76E-09	-8.66E-08
2383	473844.83, 3848132.25	1.33332	-1.69E-04	-7.88E-05	-1.56E-04	-5.84E-08	-1.76E-07	-1.02E-07	-4.77E-08	-4.32E-08	-1.97E-08	-3.90E-08	-1.95E-09	-4.71E-08	-1.04E-08	-6.48E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.06E-08
2384	473844.83, 3848157.25	1.24819	-1.58E-04	-7.38E-05	-1.46E-04	-5.47E-08	-1.65E-07	-9.55E-08	-4.47E-08	-4.05E-08	-1.85E-08	-3.65E-08	-1.83E-09	-4.41E-08	-9.73E-09	-6.06E-09	-9.62E-09	-1.70E-09	-2.41E-09	-7.54E-08
2385	473844.83, 3848182.25	1.17395	-1.49E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.99E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.15E-08	-9.15E-09	-5.70E-09	-9.05E-09	-1.59E-09	-2.26E-09	-7.09E-08
2386	473844.83, 3848207.25	1.10841	-1.40E-04	-6.55E-05	-1.29E-04	-4.85E-08	-1.47E-07	-8.48E-08	-3.97E-08	-3.60E-08	-1.64E-08	-3.24E-08	-1.62E-09	-3.92E-08	-8.64E-09	-5.38E-09	-8.54E-09	-1.51E-09	-2.14E-09	-6.70E-08
2387	473844.83, 3848232.25	1.04969	-1.33E-04	-6.21E-05	-1.23E-04	-4.60E-08	-1.39E-07	-8.04E-08	-3.76E-08	-3.40E-08	-1.55E-08	-3.07E-08	-1.54E-09	-3.71E-08	-8.18E-09	-5.10E-09	-8.09E-09	-1.43E-09	-2.02E-09	-6.34E-08
2388	473844.83, 3848257.25	0.99778	-1.26E-04	-5.90E-05	-1.17E-04	-4.37E-08	-1.32E-07	-7.64E-08	-3.57E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.52E-08	-7.78E-09	-4.85E-09	-7.69E-09	-1.36E-09	-1.92E-09	-6.03E-08
2389	473844.83, 3848282.25	0.95324	-1.21E-04	-5.64E-05	-1.11E-04	-4.17E-08	-1.26E-07	-7.30E-08	-3.41E-08	-3.09E-08	-1.41E-08	-2.79E-08	-1.39E-09	-3.37E-08	-7.43E-09	-4.63E-09	-7.35E-09	-1.29E-09	-1.84E-09	-5.76E-08
2390	473844.83, 3848307.25	0.91353	-1.16E-04	-5.40E-05	-1.07E-04	-4.00E-08	-1.21E-07	-6.99E-08	-3.27E-08	-2.96E-08	-1.35E-08	-2.67E-08	-1.34E-09	-3.23E-08	-7.12E-09	-4.44E-09	-7.04E-09	-1.24E-09	-1.76E-09	-5.52E-08
2391	473869.83, 3847932.25	4.425	-5.60E-04	-2.62E-04	-5.17E-04	-1.94E-07	-5.85E-07	-3.39E-07	-1.58E-07	-1.44E-07	-6.55E-08	-1.29E-07	-6.47E-09	-1.56E-07	-3.45E-08	-2.15E-08	-3.41E-08	-6.01E-09	-8.53E-09	-2.67E-07
2392	473869.83, 3847957.25	3.34996	-4.24E-04	-1.98E-04	-3.91E-04	-1.47E-07	-4.43E-07	-2.56E-07	-1.20E-07	-1.09E-07	-4.96E-08	-9.79E-08	-4.90E-09	-1.18E-07	-2.61E-08	-1.63E-08	-2.58E-08	-4.55E-09	-6.46E-09	-2.02E-07
2393	473869.83, 3847982.25	2.73933	-3.47E-04	-1.62E-04	-3.20E-04	-1.20E-07	-3.62E-07	-2.10E-07	-9.80E-08	-8.88E-08	-4.05E-08	-8.01E-08	-4.01E-09	-9.68E-08	-2.14E-08	-1.33E-08	-2.11E-08	-3.72E-09	-5.28E-09	-1.66E-07
2394	473869.83, 3848007.25	2.33155	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.34E-08	-7.56E-08	-3.45E-08	-6.81E-08	-3.41E-09	-8.24E-08	-1.82E-08	-1.13E-08	-1.80E-08	-3.17E-09	-4.49E-09	-1.41E-07
2395	473869.83, 3848032.25	2.03942	-2.58E-04	-1.21E-04	-2.38E-04	-8.93E-08	-2.70E-07	-1.56E-07	-7.30E-08	-6.61E-08	-3.02E-08	-5.96E-08	-2.98E-09	-7.20E-08	-1.59E-08	-9.91E-09	-1.57E-08	-2.77E-09	-3.93E-09	-1.23E-07
2396	473869.83, 3848057.25	1.8207	-2.30E-04	-1.08E-04	-2.13E-04	-7.97E-08	-2.41E-07	-1.39E-07	-6.51E-08	-5.91E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
2397	473869.83, 3848082.25	1.65091	-2.09E-04	-9.76E-05	-1.93E-04	-7.23E-08	-2.18E-07	-1.26E-07	-5.91E-08	-5.35E-08	-2.44E-08	-4.83E-08	-2.41E-09	-5.83E-08	-1.29E-08	-8.02E-09	-1.27E-08	-2.24E-09	-3.18E-09	-9.98E-08
2398	473869.83, 3848107.25	1.51725	-1.92E-04	-8.97E-05	-1.77E-04	-6.64E-08	-2.01E-07	-1.16E-07	-5.43E-08	-4.92E-08	-2.25E-08	-4.43E-08	-2.22E-09	-5.36E-08	-1.18E-08	-7.37E-09	-1.17E-08	-2.06E-09	-2.93E-09	-9.17E-08
2399	473869.83, 3848132.25	1.40613	-1.78E-04	-8.32E-05	-1.64E-04	-6.16E-08	-1.86E-07	-1.08E-07	-5.03E-08	-4.56E-08	-2.08E-08	-4.11E-08	-2.06E-09	-4.97E-08	-1.10E-08	-6.83E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.50E-08
2400	473869.83, 3848157.25	1.31235	-1.66E-04	-7.76E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.00E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.38E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
2401	473869.83, 3848182.25	1.2313	-1.56E-04	-7.28E-05	-1.44E-04	-5.39E-08	-1.63E-07	-9.43E-08	-4.41E-08	-3.99E-08	-1.82E-08	-3.60E-08	-1.80E-09	-4.35E-08	-9.60E-09	-5.98E-09	-9.49E-09	-1.67E-09	-2.37E-09	-7.44E-08
2402	473869.83, 3848207.25	1.1592	-1.47E-04	-6.85E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.87E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.09E-08	-9.04E-09	-5.63E-09	-8.93E-09	-1.57E-09	-2.23E-09	-7.01E-08
2403	473869.83, 3848232.25	1.09624	-1.39E-04	-6.48E-05	-1.28E-04	-4.80E-08	-1.45E-07	-8.39E-08	-3.92E-08	-3.56E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.87E-08	-8.55E-09	-5.33E-09	-8.45E-09	-1.49E-09	-2.11E-09	-6.62E-08
2404	473869.83, 3848257.25	1.03949	-1.32E-04	-6.15E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.96E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.10E-09	-5.05E-09	-8.01E-09	-1.41E-09	-2.00E-09	-6.28E-08
2405	473869.83, 3848282.25	0.99161	-1.25E-04	-5.86E-05	-1.16E-04	-4.34E-08	-1.31E-07	-7.59E-08	-3.55E-08	-3.22E-08	-1.47E-08	-2.90E-08	-1.45E-09	-3.50E-08	-7.73E-09	-4.82E-09	-7.64E-09	-1.35E-09	-1.91E-09	-5.99E-08
2406	473869.83, 3848307.25	0.94956	-1.20E-04	-5.62E-05	-1.11E-04	-4.16E-08	-1.26E-07	-7.27E-08	-3.40E-08	-3.08E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.35E-08	-7.40E-09	-4.61E-09	-7.32E-09	-1.29E-09	-1.83E-09	-5.74E-08
2407	473869.83, 3848332.25	0.90873	-1.15E-04	-5.37E-05	-1.06E-04	-3.98E-08	-1.20E-07	-6.96E-08	-3.25E-08	-2.95E-08	-1.34E-08	-2.66E-08	-1.33E-09	-3.21E-08	-7.08E-09	-4.41E-09	-7.00E-09	-1.23E-09	-1.75E-09	-5.49E-08
2408	473894.83, 3847957.25	3.91641	-4.95E-04	-2.32E-04	-4.57E-04	-1.72E-07	-5.18E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.80E-08	-1.14E-07	-5.73E-09	-1.38E-07	-3.05E-08	-1.90E-08	-3.02E-08	-5.32E-09	-7.55E-09	-2.37E-07
2409	473894.83, 3847982.25	3.09033	-3.91E-04	-1.83E-04	-3.61E-04	-1.35E-07	-4.09E-07	-2.37E-07	-1.11E-07	-1.00E-07	-4.57E-08	-9.03E-08	-4.52E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.38E-08	-4.20E-09	-5.96E-09	-1.87E-07
2410	473894.83, 3848007.25	2.57321	-3.26E-04	-1.52E-04	-3.01E-04	-1.13E-07	-3.40E-07	-1.97E-07	-9.21E-08	-8.35E-08	-3.81E-08	-7.52E-08	-3.76E-09	-9.09E-08	-2.01E-08	-1.25E-08	-1.98E-08	-3.49E-09	-4.96E-09	-1.56E-07
2411	473894.83, 3848032.25	2.21932	-2.81E-04	-1.31E-04	-2.59E-04	-9.72E-08	-2.93E-07	-1.70E-07	-7.94E-08	-7.20E-08	-3.28E-08	-6.49E-08	-3.25E-09	-7.84E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.01E-09	-4.28E-09	-1.34E-07
2412	473894.83, 3848057.25	1.96234	-2.48E-04	-1.16E-04	-2.29E-04	-8.59E-08	-2.59E-07	-1.50E-07	-7.02E-08	-6.36E-08	-2.90E-08	-5.74E-08	-2.87E-09	-6.93E-08	-1.53E-08	-9.53E-09	-1.51E-08	-2.67E-09	-3.78E-09	-1.19E-07
2413	473894.83, 3848082.25	1.7685	-2.24E-04	-1.05E-04	-2.07E-04	-7.75E-08	-2.34E-07	-1.35E-07	-6.33E-08	-5.74E-08	-2.62E-08	-5.17E-08	-2.59E-09	-6.25E-08	-1.38E-08	-8.59E-09	-1.36E-08	-2.40E-09	-3.41E-09	-1.07E-07
2414	473894.83, 3848107.25	1.61382	-2.04E-04	-9.54E-05	-1.88E-04	-7.07E-08	-2.13E-07	-1.24E-07	-5.77E-08	-5.23E-08	-2.39E-08	-4.72E-08	-2.36E-09	-5.70E-08	-1.26E-08	-7.84E-09	-1.24E-08	-2.19E-09	-3.11E-09	-9.75E-08
2415	473894.83, 3848132.25	1.48925	-1.88E-04	-8.81E-05	-1.74E-04	-6.52E-08	-1.97E-07	-1.14E-07	-5.33E-08	-4.83E-08	-2.20E-08	-4.35E-08	-2.18E-09	-5.26E-08	-1.16E-08	-7.23E-09	-1.15E-08	-2.02E-09	-2.87E-09	-9.00E-08
2416	473894.83, 3848157.25	1.38433	-1.75E-04	-8.19E-05	-1.62E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.49E-08	-2.05E-08	-4.05E-08	-2.02E-09	-4.89E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.37E-08
2417	473894.83, 3848182.25	1.29363	-1.64E-04	-7.65E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.90E-08	-4.63E-08	-4.20E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.28E-09	-9.97E-09	-1.76E-09	-2.49E-09	-7.82E-08
2418	473894.83, 3848207.25	1.21511	-1.54E-04	-7.19E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2419	473894.83, 3848232.25	1.14665	-1.45E-04	-6.78E-05	-1.34E-04	-5.02E-08	-1.52E-07	-8.78E-08	-4.10E-08	-3.72E-08	-1.70E-08	-3.35E-08	-1.68E-09	-4.05E-08	-8.94E-09	-5.57E-09	-8.84E-09	-1.56E-09	-2.21E-09	-6.93E-08
2420	473894.83, 3848257.25	1.08455	-1.37E-04	-6.41E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.45E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.55E-08
2421	473894.83, 3848282.25	1.03176	-1.31E-04	-6.10E-05	-1.20E-04	-4.52E-08	-1.36E-07	-7.90E-08	-3.69E-08	-3.35E-08	-1.53E-08	-3.02E-08	-1.51E-09	-3.64E-08	-8.04E-09	-5.01E-09	-7.95E-09	-1.40E-09	-1.99E-09	-6.24E-08
2422	473894.83, 3848307.25	0.98582	-1.25E-04	-5.83E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.68E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
2423	473894.83, 3848332.25	0.94254	-1.19E-04	-5.57E-05	-1.10E-04	-4.13E-08	-1.25E-07	-7.22E-08	-3.37E-08	-3.06E-08	-1.39E-08	-2.75E-08	-1.38E-09	-3.33E-08	-7.35E-09	-4.58E-09	-7.26E-09	-1.28E-09	-1.82E-09	-5.70E-08
2424	473894.83, 3848357.25	0.9026	-1.14E-04	-5.34E-05	-1.05E-04	-3.95E-08	-1.19E-07	-6.91E-08	-3.23E-08	-2.93E-08	-1.34E-08	-2.64E-08	-1.32E-09	-3.19E-08	-7.04E-09	-4.38E-09	-6.96E-09	-1.23E-09	-1.74E-09	-5.45E-08
2425	473919.83, 3847957.25	4.73398	-5.99E-04	-2.80E-04	-5.53E-04	-2.07E-07	-6.26E-07	-3.62E-07	-1.69E-07	-1.54E-07	-7.01E-08	-1.38E-07	-6.92E-09	-1.67E-07	-3.69E-08	-2.30E-08	-3.65E-08	-6.43E-09	-9.13E-09	-2.86E-07
2426	473919.83, 3847982.25	3.54962	-4.49E-04	-2.10E-04	-4.15E-04	-1.55E-07	-4.69E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.25E-08	-1.04E-07	-5.19E-09	-1.25E-07	-2.77E-08	-1.72E-08	-2.74E-08	-4.82E-09	-6.84E-09	-2.15E-07
2427	473919.83, 3848007.25	2.8751	-3.64E-04	-1.70E-04	-3.36E-04	-1.26E-07	-3.80E-07	-2.20E-07	-1.03E-07	-9.33E-08	-4.26E-08	-8.40E-08	-4.20E-09	-1.02E-07	-2.24E-08	-1.40E-08	-2.22E-08	-3.90E-09	-5.54E-09	-1.74E-07

2428	473919.83, 3848032.25	2.4368	-3.08E-04	-1.44E-04	-2.85E-04	-1.07E-07	-3.22E-07	-1.87E-07	-8.72E-08	-7.90E-08	-3.61E-08	-7.12E-08	-3.56E-09	-8.61E-08	-1.90E-08	-1.18E-08	-1.88E-08	-3.31E-09	-4.70E-09	-1.47E-07
2429	473919.83, 3848057.25	2.12917	-2.69E-04	-1.26E-04	-2.49E-04	-9.32E-08	-2.82E-07	-1.63E-07	-7.62E-08	-6.91E-08	-3.15E-08	-6.22E-08	-3.11E-09	-7.52E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.29E-07
2430	473919.83, 3848082.25	1.90181	-2.41E-04	-1.12E-04	-2.22E-04	-8.33E-08	-2.51E-07	-1.46E-07	-6.80E-08	-6.17E-08	-2.81E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
2431	473919.83, 3848107.25	1.72496	-2.18E-04	-1.02E-04	-2.01E-04	-7.55E-08	-2.28E-07	-1.32E-07	-6.17E-08	-5.59E-08	-2.55E-08	-5.04E-08	-2.52E-09	-6.09E-08	-1.34E-08	-8.38E-09	-1.33E-08	-2.34E-09	-3.33E-09	-1.04E-07
2432	473919.83, 3848132.25	1.58268	-2.00E-04	-9.36E-05	-1.85E-04	-6.93E-08	-2.09E-07	-1.21E-07	-5.66E-08	-5.13E-08	-2.34E-08	-4.63E-08	-2.31E-09	-5.59E-08	-1.23E-08	-7.69E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.56E-08
2433	473919.83, 3848157.25	1.46379	-1.85E-04	-8.66E-05	-1.71E-04	-6.41E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.11E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.85E-08
2434	473919.83, 3848182.25	1.36262	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.23E-08
2435	473919.83, 3848207.25	1.27667	-1.62E-04	-7.55E-05	-1.49E-04	-5.59E-08	-1.69E-07	-9.77E-08	-4.57E-08	-4.14E-08	-1.89E-08	-3.73E-08	-1.87E-09	-4.51E-08	-9.95E-09	-6.20E-09	-9.84E-09	-1.73E-09	-2.46E-09	-7.72E-08
2436	473919.83, 3848232.25	1.20145	-1.52E-04	-7.10E-05	-1.40E-04	-5.26E-08	-1.59E-07	-9.20E-08	-4.30E-08	-3.90E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.24E-08	-9.37E-09	-5.84E-09	-9.26E-09	-1.63E-09	-2.32E-09	-7.26E-08
2437	473919.83, 3848257.25	1.13367	-1.43E-04	-6.70E-05	-1.32E-04	-4.96E-08	-1.50E-07	-8.68E-08	-4.06E-08	-3.68E-08	-1.68E-08	-3.31E-08	-1.66E-09	-4.00E-08	-8.84E-09	-5.51E-09	-8.74E-09	-1.54E-09	-2.19E-09	-6.85E-08
2438	473919.83, 3848282.25	1.0752	-1.36E-04	-6.36E-05	-1.26E-04	-4.71E-08	-1.42E-07	-8.23E-08	-3.85E-08	-3.49E-08	-1.59E-08	-3.14E-08	-1.57E-09	-3.80E-08	-8.38E-09	-5.22E-09	-8.29E-09	-1.46E-09	-2.07E-09	-6.50E-08
2439	473919.83, 3848307.25	1.02416	-1.30E-04	-6.06E-05	-1.20E-04	-4.49E-08	-1.35E-07	-7.84E-08	-3.66E-08	-3.32E-08	-1.52E-08	-2.99E-08	-1.50E-09	-3.62E-08	-7.98E-09	-4.98E-09	-7.89E-09	-1.39E-09	-1.97E-09	-6.19E-08
2440	473919.83, 3848332.25	0.97791	-1.24E-04	-5.78E-05	-1.14E-04	-4.28E-08	-1.29E-07	-7.49E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.45E-08	-7.62E-09	-4.75E-09	-7.54E-09	-1.33E-09	-1.89E-09	-5.91E-08
2441	473919.83, 3848357.25	0.93563	-1.18E-04	-5.53E-05	-1.09E-04	-4.10E-08	-1.24E-07	-7.16E-08	-3.35E-08	-3.03E-08	-1.38E-08	-2.73E-08	-1.37E-09	-3.31E-08	-7.29E-09	-4.55E-09	-7.21E-09	-1.27E-09	-1.80E-09	-5.65E-08
2442	473919.83, 3848382.25	0.89724	-1.14E-04	-5.31E-05	-1.05E-04	-3.93E-08	-1.19E-07	-6.87E-08	-3.21E-08	-2.91E-08	-1.33E-08	-2.62E-08	-1.31E-09	-3.17E-08	-6.99E-09	-4.36E-09	-6.91E-09	-1.22E-09	-1.73E-09	-5.42E-08
2443	473944.83, 3847982.25	4.19758	-5.31E-04	-2.48E-04	-4.90E-04	-1.84E-07	-5.55E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.21E-08	-1.23E-07	-6.14E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.70E-09	-8.09E-09	-2.54E-07
2444	473944.83, 3848007.25	3.28451	-4.16E-04	-1.94E-04	-3.84E-04	-1.44E-07	-4.34E-07	-2.51E-07	-1.18E-07	-1.07E-07	-4.86E-08	-9.60E-08	-4.80E-09	-1.16E-07	-2.56E-08	-1.60E-08	-2.53E-08	-4.46E-09	-6.33E-09	-1.98E-07
2445	473944.83, 3848032.25	2.71616	-3.44E-04	-1.61E-04	-3.17E-04	-1.19E-07	-3.59E-07	-2.08E-07	-9.72E-08	-8.81E-08	-4.02E-08	-7.94E-08	-3.97E-09	-9.59E-08	-2.12E-08	-1.32E-08	-2.09E-08	-3.69E-09	-5.24E-09	-1.64E-07
2446	473944.83, 3848057.25	2.32905	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.33E-08	-7.55E-08	-3.45E-08	-6.81E-08	-3.41E-09	-8.23E-08	-1.82E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.49E-09	-1.41E-07
2447	473944.83, 3848082.25	2.05504	-2.60E-04	-1.22E-04	-2.40E-04	-9.00E-08	-2.72E-07	-1.57E-07	-7.35E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.26E-08	-1.60E-08	-9.98E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
2448	473944.83, 3848107.25	1.85162	-2.34E-04	-1.09E-04	-2.16E-04	-8.11E-08	-2.45E-07	-1.42E-07	-6.63E-08	-6.01E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.54E-08	-1.44E-08	-9.00E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
2449	473944.83, 3848132.25	1.6878	-2.14E-04	-9.98E-05	-1.97E-04	-7.39E-08	-2.23E-07	-1.29E-07	-6.04E-08	-5.47E-08	-2.50E-08	-4.93E-08	-2.47E-09	-5.96E-08	-1.32E-08	-8.20E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
2450	473944.83, 3848157.25	1.55331	-1.97E-04	-9.19E-05	-1.81E-04	-6.80E-08	-2.05E-07	-1.19E-07	-5.56E-08	-5.04E-08	-2.30E-08	-4.54E-08	-2.27E-09	-5.49E-08	-1.21E-08	-7.55E-09	-1.20E-08	-2.11E-09	-2.99E-09	-9.39E-08
2451	473944.83, 3848182.25	1.44065	-1.82E-04	-8.52E-05	-1.68E-04	-6.31E-08	-1.91E-07	-1.10E-07	-5.15E-08	-4.67E-08	-2.13E-08	-4.21E-08	-2.11E-09	-5.09E-08	-1.12E-08	-7.00E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.71E-08
2452	473944.83, 3848207.25	1.3446	-1.70E-04	-7.95E-05	-1.57E-04	-5.89E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.97E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.83E-09	-2.59E-09	-8.13E-08
2453	473944.83, 3848232.25	1.2617	-1.60E-04	-7.46E-05	-1.47E-04	-5.53E-08	-1.67E-07	-9.66E-08	-4.51E-08	-4.09E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.46E-08	-9.83E-09	-6.13E-09	-9.72E-09	-1.71E-09	-2.43E-09	-7.62E-08
2454	473944.83, 3848257.25	1.18743	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.09E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.19E-08	-9.26E-09	-5.77E-09	-9.15E-09	-1.61E-09	-2.29E-09	-7.18E-08
2455	473944.83, 3848282.25	1.12329	-1.42E-04	-6.64E-05	-1.31E-04	-4.92E-08	-1.49E-07	-8.60E-08	-4.02E-08	-3.64E-08	-1.66E-08	-3.28E-08	-1.64E-09	-3.97E-08	-8.76E-09	-5.46E-09	-8.66E-09	-1.53E-09	-2.17E-09	-6.79E-08
2456	473944.83, 3848307.25	1.06691	-1.35E-04	-6.31E-05	-1.25E-04	-4.67E-08	-1.41E-07	-8.17E-08	-3.82E-08	-3.46E-08	-1.58E-08	-3.12E-08	-1.56E-09	-3.77E-08	-8.32E-09	-5.18E-09	-8.22E-09	-1.45E-09	-2.06E-09	-6.45E-08
2457	473944.83, 3848332.25	1.01564	-1.28E-04	-6.01E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.77E-08	-3.63E-08	-3.29E-08	-1.50E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.92E-09	-4.93E-09	-7.83E-09	-1.38E-09	-1.96E-09	-6.14E-08
2458	473944.83, 3848357.25	0.9707	-1.23E-04	-5.74E-05	-1.13E-04	-4.25E-08	-1.28E-07	-7.43E-08	-3.47E-08	-3.15E-08	-1.44E-08	-2.84E-08	-1.42E-09	-3.43E-08	-7.57E-09	-4.72E-09	-7.48E-09	-1.32E-09	-1.87E-09	-5.87E-08
2459	473944.83, 3848382.25	0.93109	-1.18E-04	-5.51E-05	-1.09E-04	-4.08E-08	-1.23E-07	-7.13E-08	-3.33E-08	-3.02E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.29E-08	-7.26E-09	-4.52E-09	-7.18E-09	-1.26E-09	-1.80E-09	-5.63E-08
2460	473969.83, 3848007.25	3.84847	-4.87E-04	-2.28E-04	-4.49E-04	-1.69E-07	-5.09E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.70E-08	-1.12E-07	-5.63E-09	-1.36E-07	-3.00E-08	-1.87E-08	-2.97E-08	-5.23E-09	-7.42E-09	-2.33E-07
2461	473969.83, 3848032.25	3.07281	-3.89E-04	-1.82E-04	-3.59E-04	-1.35E-07	-4.06E-07	-2.35E-07	-1.10E-07	-9.97E-08	-4.55E-08	-8.98E-08	-4.49E-09	-1.09E-07	-2.40E-08	-1.49E-08	-2.37E-08	-4.17E-09	-5.92E-09	-1.86E-07
2462	473969.83, 3848057.25	2.57514	-3.26E-04	-1.52E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.97E-07	-9.21E-08	-8.35E-08	-3.81E-08	-7.53E-08	-3.77E-09	-9.10E-08	-2.01E-08	-1.25E-08	-1.98E-08	-3.50E-09	-4.96E-09	-1.56E-07
2463	473969.83, 3848082.25	2.23841	-2.83E-04	-1.32E-04	-2.61E-04	-9.80E-08	-2.96E-07	-1.71E-07	-8.01E-08	-7.26E-08	-3.31E-08	-6.54E-08	-3.27E-09	-7.91E-08	-1.74E-08	-1.09E-08	-1.73E-08	-3.04E-09	-4.32E-09	-1.35E-07
2464	473969.83, 3848107.25	1.99935	-2.53E-04	-1.18E-04	-2.33E-04	-8.76E-08	-2.64E-07	-1.53E-07	-7.15E-08	-6.48E-08	-2.96E-08	-5.84E-08	-2.92E-09	-7.06E-08	-1.56E-08	-9.71E-09	-1.54E-08	-2.72E-09	-3.85E-09	-1.21E-07
2465	473969.83, 3848132.25	1.80865	-2.29E-04	-1.07E-04	-2.11E-04	-7.92E-08	-2.39E-07	-1.38E-07	-6.47E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.39E-08	-1.41E-08	-8.79E-09	-1.39E-08	-2.46E-09	-3.49E-09	-1.09E-07
2466	473969.83, 3848157.25	1.65481	-2.09E-04	-9.79E-05	-1.93E-04	-7.25E-08	-2.19E-07	-1.27E-07	-5.92E-08	-5.37E-08	-2.45E-08	-4.84E-08	-2.42E-09	-5.85E-08	-1.29E-08	-8.04E-09	-1.28E-08	-2.25E-09	-3.19E-09	-1.00E-07
2467	473969.83, 3848182.25	1.52829	-1.93E-04	-9.04E-05	-1.78E-04	-6.69E-08	-2.02E-07	-1.17E-07	-5.47E-08	-4.96E-08	-2.26E-08	-4.47E-08	-2.24E-09	-5.40E-08	-1.19E-08	-7.42E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.24E-08
2468	473969.83, 3848207.25	1.42129	-1.80E-04	-8.40E-05	-1.66E-04	-6.22E-08	-1.88E-07	-1.09E-07	-5.09E-08	-4.61E-08	-2.10E-08	-4.15E-08	-2.08E-09	-5.02E-08	-1.11E-08	-6.90E-09	-1.10E-08	-1.93E-09	-2.74E-09	-8.59E-08
2469	473969.83, 3848232.25	1.32961	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.76E-08	-4.31E-08	-1.97E-08	-3.89E-08	-1.94E-09	-4.70E-08	-1.04E-08	-6.46E-09	-1.02E-08	-1.81E-09	-2.56E-09	-8.04E-08
2470	473969.83, 3848257.25	1.2473	-1.58E-04	-7.38E-05	-1.46E-04	-5.46E-08	-1.65E-07	-9.55E-08	-4.46E-08	-4.05E-08	-1.85E-08	-3.65E-08	-1.82E-09	-4.41E-08	-9.72E-09	-6.06E-09	-9.61E-09	-1.69E-09	-2.40E-09	-7.54E-08
2471	473969.83, 3848282.25	1.17682	-1.49E-04	-6.96E-05	-1.37E-04	-5.15E-08	-1.56E-07	-9.01E-08	-4.21E-08	-3.82E-08	-1.74E-08	-3.44E-08	-1.72E-09	-4.16E-08	-9.17E-09	-5.72E-09	-9.07E-09	-1.60E-09	-2.27E-09	-7.11E-08
2472	473969.83, 3848307.25	1.11507	-1.41E-04	-6.59E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.54E-08	-3.99E-08	-3.62E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.94E-08	-8.69E-09	-5.42E-09	-8.59E-09	-1.51E-09	-2.15E-09	-6.74E-08
2473	473969.83, 3848332.25	1.05868	-1.34E-04	-6.26E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.10E-08	-3.79E-08	-3.43E-08	-1.57E-08	-3.09E-08	-1.55E-09	-3.74E-08	-8.25E-09	-5.14E-09	-8.16E-09	-1.44E-09	-2.04E-09	-6.40E-08
2474	473969.83, 3848357.25	1.00973	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.34E-07	-7.73E-08	-3.61E-08	-3.28E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.57E-08	-7.87E-09	-4.91E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
2475	473969.83, 3848382.25	0.96659	-1.22E-04	-5.72E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.40E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.41E-09	-3.41E-08	-7.53E-09	-4.70E-09	-7.45E-09	-1.31E-09	-1.86E-09	-5.84E-08
2476	473969.83, 3848407.25	0.92116	-1.17E-04	-5.45E-05	-1.08E-04	-4.03E-08	-1.22E-07	-7.05E-08	-3.30E-08	-2.99E-08	-1.36E-08	-2.69E-08	-1.35E-09	-3.25E-08	-7.18E-09	-4.47E-09	-7.10E-09	-1.25E-09	-1.78E-09	-5.57E-08
2477	473994.83, 3848007.25	4.66836	-5.91E-04	-2.76E-04	-5.45E-04	-2.04E-07	-6.17E-07	-3.57E-07	-1.67E-07	-1.51E-07	-6.91E-08	-1.36E-07	-6.83E-09	-1.65E-07	-3.64E-08	-2.27E-08	-3.60E-08	-6.34E-09	-9.00E-09	-2.82E-07
2478	473994.83, 3848032.25	3.5495	-4.49E-04	-2.10E-04	-4.15E-04	-1.55E-07	-4.69E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.25E-08	-1.04E-07	-5.19E-09	-1.25E-07	-2.77E-08	-1.72E-08	-2.74E-08	-4.82E-09	-6.84E-09	-2.15E-07
2479	473994.83, 3848057.25	2.88516	-3.65E-04	-1.71E-04	-3.37E-04	-1.26E-07	-3.82E-07	-2.21E-07	-1.03E-07	-9.36E-08	-4.27E-08	-8.43E-08	-4.22E-09	-1.02E-07	-2.25E-08	-1.40E-08	-2.22E-08	-3.92E-09	-5.56E-09	-1.74E-07
2480	473994.83, 3848082.25	2.46926	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.27E-07	-1.89E-07	-8.84E-08	-8.01E-08	-3.65E-08	-7.22E-08	-3.61E-09	-8.72E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.76E-09	-1.49E-07
2481	473994.83, 3848107.25	2.182	-2.76E-04	-1.29E-04	-2.55E-04	-9.56E-08	-2.89E-07	-1.67E-07	-7.81E-08	-7.08E-08	-3.23E-08	-6.38E-08	-3.19E-09	-7.71E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.96E-09	-4.21E-09	-1.32E-07
2482	473994.83, 3848132.25	1.95301	-2.47E-04	-1.15E-04	-2.28E-04	-8.55E-08	-2.58E-07	-1.50E-07	-6.99E-08	-6.33E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.49E-09	-1.51E-08	-2.65E-09	-3.77E-09	-1.18E-07
2483	473994.83, 3848157.25	1.77237	-2.24E-04	-1.05E-04	-2.07E-04	-7.76E-08	-2.34E-07	-1.36E-07	-6.34E-08	-5.75E-08	-2.62E-08	-5.18E-08	-2.59E-09	-6.26E-08	-1.38E-08	-8.61E-09	-1.37E-08	-2.41E-09	-3.42E-09	-1.07E-07
2484	473994.83, 3848182.25	1.62747	-2.06E-04	-9.62E-05	-1.90E-04	-7.13E-08	-2.15E-07	-1.25E-07	-5.82E-08	-5.28E-08	-2.41E-08	-4.76E-08	-2.38E-09	-5.75E-08	-1.27E-08	-7.91E-09	-1.25E-08	-2.21E-09	-3.14E-09	-9.84E-08
2485	473994.83, 3848207.25	1.5065	-1.91E-04	-8.91E-05	-1.76E-04	-6.60E-08	-1.99E-07	-1.15E-07	-5.39E-08	-4.89E-08	-2.23E-08	-4.40E-08	-2.20E-09	-5.32E-08	-1.17E-08	-7.32E-09	-1.16E-08	-2.05E-09	-2.90E-09	-9.10E-08
2486	473994.83, 3848232.25	1.40448	-1.78E-04	-8.31E-05	-1.64E-04	-6.15E-08	-1.86E-07	-1.08E-07	-5.03E-08	-4.56E-08	-2.08E-08	-4.10E-08	-2.05E-09	-4.96E-08	-1.09E-08	-6.82E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.49E-08
2487	473994.83, 3848257.25	1.31293	-1.66E-04	-7.76E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.01E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.38E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
2488	473994.83, 3848282.25	1.23551	-1.56E-04	-7.31E-05	-1.44E-04	-5.41E-08	-1.63E-07	-9.46E-08	-4.42E-08	-4.01E-08	-1.83E-08	-3.61E-08	-1.81E-09	-4.36E-08	-9.63E-09	-6.00E-09	-9.52E-09	-1.68E-09	-2.38E-09	-7.47E-08
2489	473994.83, 3848307.25	1.16807	-1.48E-04	-6.91E-05	-1.36E-04	-5.12E-08	-1.54E-07	-8.94E-08	-4.18E-08	-3.79E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.13E-08	-9.11E-09	-5.67E-09	-9.00E-09	-1.59E-09	-2.25E-09	-7.06E-08
2490	473994.83, 3848332.25	1.1064	-1.40E-04	-6.54E-05	-1.29E-04	-4.85E-08	-1.46E-07	-8.47E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.62E-09	-5.37E-09	-8.53E-09	-1.50E-09	-2.13E-09	-6.69E-08
2491	473994.83, 3848357.25	1.0525	-1.33E-04	-6.22E-05	-1.23E-04	-4.61E-08	-1.39E-07	-8.06E-08	-3.77E-08	-3.41E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.72E-08	-8.20E-09	-5.11E-09	-8.11E-09	-1.43E-09	-2.03E-09	-6.36E-08

2492	473994.83, 3848382.25	1.00556	-1.27E-04	-5.95E-05	-1.17E-04	-4.40E-08	-1.33E-07	-7.70E-08	-3.60E-08	-3.26E-08	-1.49E-08	-2.94E-08	-1.47E-09	-3.55E-08	-7.84E-09	-4.88E-09	-7.75E-09	-1.37E-09	-1.94E-09	-6.08E-08
2493	473994.83, 3848407.25	0.95842	-1.21E-04	-5.67E-05	-1.12E-04	-4.20E-08	-1.27E-07	-7.34E-08	-3.43E-08	-3.11E-08	-1.42E-08	-2.80E-08	-1.40E-09	-3.39E-08	-7.47E-09	-4.66E-09	-7.39E-09	-1.30E-09	-1.85E-09	-5.79E-08
2494	473994.83, 3848432.25	0.91353	-1.16E-04	-5.40E-05	-1.07E-04	-4.00E-08	-1.21E-07	-6.99E-08	-3.27E-08	-2.96E-08	-1.35E-08	-2.67E-08	-1.34E-09	-3.23E-08	-7.12E-09	-4.44E-09	-7.04E-09	-1.24E-09	-1.76E-09	-5.52E-08
2495	474019.83, 3848032.25	4.23659	-5.36E-04	-2.51E-04	-4.95E-04	-1.86E-07	-5.60E-07	-3.24E-07	-1.52E-07	-1.37E-07	-6.27E-08	-1.24E-07	-6.20E-09	-1.50E-07	-3.30E-08	-2.06E-08	-3.26E-08	-5.75E-09	-8.17E-09	-2.56E-07
2496	474019.83, 3848057.25	3.3097	-4.19E-04	-1.96E-04	-3.87E-04	-1.45E-07	-4.38E-07	-2.53E-07	-1.18E-07	-1.07E-07	-4.90E-08	-9.67E-08	-4.84E-09	-1.17E-07	-2.58E-08	-1.61E-08	-2.55E-08	-4.50E-09	-6.38E-09	-2.00E-07
2497	474019.83, 3848082.25	2.77472	-3.51E-04	-1.64E-04	-3.24E-04	-1.22E-07	-3.67E-07	-2.12E-07	-9.93E-08	-9.00E-08	-4.11E-08	-8.11E-08	-4.06E-09	-9.80E-08	-2.16E-08	-1.35E-08	-2.14E-08	-3.77E-09	-5.35E-09	-1.68E-07
2498	474019.83, 3848107.25	2.40607	-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.61E-08	-7.80E-08	-3.56E-08	-7.03E-08	-3.52E-09	-8.50E-08	-1.88E-08	-1.17E-08	-1.85E-08	-3.27E-09	-4.64E-09	-1.45E-07
2499	474019.83, 3848132.25	2.12709	-2.69E-04	-1.26E-04	-2.48E-04	-9.32E-08	-2.81E-07	-1.63E-07	-7.61E-08	-6.90E-08	-3.15E-08	-6.22E-08	-3.11E-09	-7.51E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.29E-07
2500	474019.83, 3848157.25	1.91252	-2.42E-04	-1.13E-04	-2.23E-04	-8.38E-08	-2.53E-07	-1.46E-07	-6.84E-08	-6.20E-08	-2.83E-08	-5.59E-08	-2.80E-09	-6.76E-08	-1.49E-08	-9.29E-09	-1.47E-08	-2.60E-09	-3.69E-09	-1.16E-07
2501	474019.83, 3848182.25	1.74224	-2.20E-04	-1.03E-04	-2.03E-04	-7.63E-08	-2.30E-07	-1.33E-07	-6.23E-08	-5.65E-08	-2.58E-08	-5.09E-08	-2.55E-09	-6.15E-08	-1.36E-08	-8.46E-09	-1.34E-08	-2.37E-09	-3.36E-09	-1.05E-07
2502	474019.83, 3848207.25	1.60213	-2.03E-04	-9.47E-05	-1.87E-04	-7.02E-08	-2.12E-07	-1.23E-07	-5.73E-08	-5.20E-08	-2.37E-08	-4.68E-08	-2.34E-09	-5.66E-08	-1.25E-08	-7.78E-09	-1.23E-08	-2.18E-09	-3.09E-09	-9.68E-08
2503	474019.83, 3848232.25	1.48664	-1.88E-04	-8.79E-05	-1.74E-04	-6.51E-08	-1.97E-07	-1.14E-07	-5.32E-08	-4.82E-08	-2.20E-08	-4.35E-08	-2.17E-09	-5.25E-08	-1.16E-08	-7.22E-09	-1.15E-08	-2.02E-09	-2.87E-09	-8.98E-08
2504	474019.83, 3848257.25	1.38568	-1.75E-04	-8.19E-05	-1.62E-04	-6.07E-08	-1.83E-07	-1.06E-07	-4.96E-08	-4.49E-08	-2.05E-08	-4.05E-08	-2.03E-09	-4.89E-08	-1.08E-08	-6.73E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.37E-08
2505	474019.83, 3848282.25	1.30056	-1.65E-04	-7.69E-05	-1.52E-04	-5.70E-08	-1.72E-07	-9.96E-08	-4.65E-08	-4.22E-08	-1.92E-08	-3.80E-08	-1.90E-09	-4.59E-08	-1.01E-08	-6.32E-09	-1.00E-08	-1.77E-09	-2.51E-09	-7.86E-08
2506	474019.83, 3848307.25	1.22676	-1.55E-04	-7.25E-05	-1.43E-04	-5.37E-08	-1.62E-07	-9.39E-08	-4.39E-08	-3.98E-08	-1.82E-08	-3.59E-08	-1.79E-09	-4.33E-08	-9.56E-09	-5.96E-09	-9.45E-09	-1.67E-09	-2.37E-09	-7.41E-08
2507	474019.83, 3848332.25	1.15974	-1.47E-04	-6.86E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.88E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.04E-09	-5.63E-09	-8.94E-09	-1.58E-09	-2.24E-09	-7.01E-08
2508	474019.83, 3848357.25	1.09909	-1.39E-04	-6.50E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.41E-08	-3.93E-08	-3.56E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.57E-09	-5.34E-09	-8.47E-09	-1.49E-09	-2.12E-09	-6.64E-08
2509	474019.83, 3848382.25	1.04747	-1.33E-04	-6.19E-05	-1.22E-04	-4.59E-08	-1.39E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.16E-09	-5.09E-09	-8.07E-09	-1.42E-09	-2.02E-09	-6.33E-08
2510	474019.83, 3848407.25	0.99708	-1.26E-04	-5.90E-05	-1.16E-04	-4.37E-08	-1.32E-07	-7.63E-08	-3.57E-08	-3.23E-08	-1.48E-08	-2.91E-08	-1.46E-09	-3.52E-08	-7.77E-09	-4.84E-09	-7.68E-09	-1.35E-09	-1.92E-09	-6.03E-08
2511	474019.83, 3848432.25	0.95045	-1.20E-04	-5.62E-05	-1.11E-04	-4.16E-08	-1.26E-07	-7.28E-08	-3.40E-08	-3.08E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.36E-08	-7.41E-09	-4.62E-09	-7.32E-09	-1.29E-09	-1.83E-09	-5.74E-08
2512	474019.83, 3848457.25	0.90859	-1.15E-04	-5.37E-05	-1.06E-04	-3.98E-08	-1.20E-07	-6.96E-08	-3.25E-08	-2.95E-08	-1.34E-08	-2.66E-08	-1.33E-09	-3.21E-08	-7.08E-09	-4.41E-09	-7.00E-09	-1.23E-09	-1.75E-09	-5.49E-08
2513	474044.83, 3848057.25	3.9293	-4.97E-04	-2.32E-04	-4.59E-04	-1.72E-07	-5.20E-07	-3.01E-07	-1.41E-07	-1.27E-07	-5.82E-08	-1.15E-07	-5.75E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.03E-08	-5.34E-09	-7.58E-09	-2.37E-07
2514	474044.83, 3848082.25	3.18499	-4.03E-04	-1.88E-04	-3.72E-04	-1.39E-07	-4.21E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.71E-08	-9.31E-08	-4.66E-09	-1.13E-07	-2.48E-08	-1.55E-08	-2.45E-08	-4.33E-09	-6.14E-09	-1.92E-07
2515	474044.83, 3848107.25	2.68376	-3.40E-04	-1.59E-04	-3.13E-04	-1.18E-07	-3.55E-07	-2.05E-07	-9.60E-08	-8.70E-08	-3.97E-08	-7.84E-08	-3.92E-09	-9.48E-08	-2.09E-08	-1.30E-08	-2.07E-08	-3.65E-09	-5.17E-09	-1.62E-07
2516	474044.83, 3848132.25	2.33767	-2.96E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.36E-08	-7.58E-08	-3.46E-08	-6.83E-08	-3.42E-09	-8.26E-08	-1.82E-08	-1.14E-08	-1.80E-08	-3.18E-09	-4.51E-09	-1.41E-07
2517	474044.83, 3848157.25	2.08052	-2.63E-04	-1.23E-04	-2.43E-04	-9.11E-08	-2.75E-07	-1.59E-07	-7.44E-08	-6.75E-08	-3.08E-08	-6.08E-08	-3.04E-09	-7.35E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.83E-09	-4.01E-09	-1.26E-07
2518	474044.83, 3848182.25	1.8777	-2.38E-04	-1.11E-04	-2.19E-04	-8.22E-08	-2.48E-07	-1.44E-07	-6.72E-08	-6.09E-08	-2.78E-08	-5.49E-08	-2.75E-09	-6.63E-08	-1.46E-08	-9.12E-09	-1.45E-08	-2.55E-09	-3.62E-09	-1.13E-07
2519	474044.83, 3848207.25	1.71121	-2.16E-04	-1.01E-04	-2.00E-04	-7.49E-08	-2.26E-07	-1.31E-07	-6.12E-08	-5.55E-08	-2.53E-08	-5.00E-08	-2.50E-09	-6.04E-08	-1.33E-08	-8.31E-09	-1.32E-08	-2.32E-09	-3.30E-09	-1.03E-07
2520	474044.83, 3848232.25	1.57936	-2.00E-04	-9.34E-05	-1.84E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.15E-09	-3.04E-09	-9.54E-08
2521	474044.83, 3848257.25	1.46715	-1.86E-04	-8.68E-05	-1.71E-04	-6.43E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.18E-08	-1.14E-08	-7.13E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.87E-08
2522	474044.83, 3848282.25	1.37332	-1.74E-04	-8.12E-05	-1.60E-04	-6.01E-08	-1.82E-07	-1.05E-07	-4.91E-08	-4.45E-08	-2.03E-08	-4.01E-08	-2.01E-09	-4.85E-08	-1.07E-08	-6.67E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.30E-08
2523	474044.83, 3848307.25	1.29167	-1.63E-04	-7.64E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.89E-08	-4.62E-08	-4.19E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.95E-09	-1.75E-09	-2.49E-09	-7.81E-08
2524	474044.83, 3848332.25	1.21738	-1.54E-04	-7.20E-05	-1.42E-04	-5.33E-08	-1.61E-07	-9.32E-08	-4.36E-08	-3.95E-08	-1.80E-08	-3.56E-08	-1.78E-09	-4.30E-08	-9.49E-09	-5.91E-09	-9.38E-09	-1.65E-09	-2.35E-09	-7.36E-08
2525	474044.83, 3848357.25	1.15176	-1.46E-04	-6.81E-05	-1.35E-04	-5.04E-08	-1.52E-07	-8.82E-08	-4.12E-08	-3.74E-08	-1.70E-08	-3.37E-08	-1.68E-09	-4.07E-08	-8.98E-09	-5.60E-09	-8.88E-09	-1.56E-09	-2.22E-09	-6.96E-08
2526	474044.83, 3848382.25	1.0937	-1.38E-04	-6.47E-05	-1.28E-04	-4.79E-08	-1.45E-07	-8.37E-08	-3.91E-08	-3.55E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.86E-08	-8.53E-09	-5.31E-09	-8.43E-09	-1.49E-09	-2.11E-09	-6.61E-08
2527	474044.83, 3848407.25	1.03979	-1.32E-04	-6.15E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.96E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.11E-09	-5.05E-09	-8.01E-09	-1.41E-09	-2.00E-09	-6.28E-08
2528	474044.83, 3848432.25	0.98939	-1.25E-04	-5.85E-05	-1.16E-04	-4.33E-08	-1.31E-07	-7.57E-08	-3.54E-08	-3.21E-08	-1.46E-08	-2.89E-08	-1.45E-09	-3.50E-08	-7.71E-09	-4.81E-09	-7.62E-09	-1.34E-09	-1.91E-09	-5.98E-08
2529	474044.83, 3848457.25	0.94271	-1.19E-04	-5.57E-05	-1.10E-04	-4.13E-08	-1.25E-07	-7.22E-08	-3.37E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.33E-08	-7.35E-09	-4.58E-09	-7.26E-09	-1.28E-09	-1.82E-09	-5.70E-08
2530	474044.83, 3848482.25	0.90041	-1.14E-04	-5.32E-05	-1.05E-04	-3.94E-08	-1.19E-07	-6.89E-08	-3.22E-08	-2.92E-08	-1.33E-08	-2.63E-08	-1.32E-09	-3.18E-08	-7.02E-09	-4.37E-09	-6.94E-09	-1.22E-09	-1.74E-09	-5.44E-08
2531	474069.83, 3848057.25	4.86805	-6.16E-04	-2.88E-04	-5.69E-04	-2.13E-07	-6.44E-07	-3.73E-07	-1.74E-07	-1.58E-07	-7.20E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.79E-08	-2.36E-08	-3.75E-08	-6.61E-09	-9.39E-09	-2.94E-07
2532	474069.83, 3848082.25	3.74868	-4.74E-04	-2.22E-04	-4.38E-04	-1.64E-07	-4.96E-07	-2.87E-07	-1.34E-07	-1.22E-07	-5.55E-08	-1.10E-07	-5.48E-09	-1.32E-07	-2.92E-08	-1.82E-08	-2.89E-08	-5.09E-09	-7.23E-09	-2.27E-07
2533	474069.83, 3848107.25	3.04243	-3.85E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.87E-08	-4.50E-08	-8.89E-08	-4.45E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.87E-09	-1.84E-07
2534	474069.83, 3848132.25	2.59613	-3.28E-04	-1.54E-04	-3.03E-04	-1.14E-07	-3.43E-07	-1.99E-07	-9.29E-08	-8.42E-08	-3.84E-08	-7.59E-08	-3.80E-09	-9.17E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.53E-09	-5.01E-09	-1.57E-07
2535	474069.83, 3848157.25	2.27792	-2.88E-04	-1.35E-04	-2.66E-04	-9.98E-08	-3.01E-07	-1.74E-07	-8.15E-08	-7.39E-08	-3.37E-08	-6.66E-08	-3.33E-09	-8.05E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.09E-09	-4.39E-09	-1.38E-07
2536	474069.83, 3848182.25	2.03401	-2.57E-04	-1.20E-04	-2.38E-04	-8.91E-08	-2.69E-07	-1.56E-07	-7.28E-08	-6.60E-08	-3.01E-08	-5.94E-08	-2.97E-09	-7.19E-08	-1.59E-08	-9.88E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
2537	474069.83, 3848207.25	1.83883	-2.33E-04	-1.09E-04	-2.15E-04	-8.05E-08	-2.43E-07	-1.41E-07	-6.58E-08	-5.96E-08	-2.72E-08	-5.37E-08	-2.69E-09	-6.50E-08	-1.43E-08	-8.93E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
2538	474069.83, 3848232.25	1.68451	-2.13E-04	-9.96E-05	-1.97E-04	-7.38E-08	-2.23E-07	-1.29E-07	-6.03E-08	-5.46E-08	-2.49E-08	-4.92E-08	-2.46E-09	-5.95E-08	-1.31E-08	-8.18E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
2539	474069.83, 3848257.25	1.55766	-1.97E-04	-9.21E-05	-1.82E-04	-6.82E-08	-2.06E-07	-1.19E-07	-5.57E-08	-5.05E-08	-2.31E-08	-4.55E-08	-2.28E-09	-5.50E-08	-1.21E-08	-7.57E-09	-1.20E-08	-2.12E-09	-3.00E-09	-9.41E-08
2540	474069.83, 3848282.25	1.45355	-1.84E-04	-8.60E-05	-1.70E-04	-6.37E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.13E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
2541	474069.83, 3848307.25	1.36348	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.42E-08	-2.02E-08	-3.99E-08	-1.99E-09	-4.82E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.24E-08
2542	474069.83, 3848332.25	1.2809	-1.62E-04	-7.57E-05	-1.50E-04	-5.61E-08	-1.69E-07	-9.81E-08	-4.58E-08	-4.15E-08	-1.90E-08	-3.74E-08	-1.87E-09	-4.52E-08	-9.98E-09	-6.22E-09	-9.87E-09	-1.74E-09	-2.47E-09	-7.74E-08
2543	474069.83, 3848357.25	1.20791	-1.53E-04	-7.14E-05	-1.41E-04	-5.29E-08	-1.60E-07	-9.25E-08	-4.32E-08	-3.92E-08	-1.79E-08	-3.53E-08	-1.77E-09	-4.27E-08	-9.42E-09	-5.87E-09	-9.31E-09	-1.64E-09	-2.33E-09	-7.30E-08
2544	474069.83, 3848382.25	1.14417	-1.45E-04	-6.77E-05	-1.34E-04	-5.01E-08	-1.51E-07	-8.76E-08	-4.09E-08	-3.71E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.92E-09	-5.56E-09	-8.82E-09	-1.55E-09	-2.21E-09	-6.91E-08
2545	474069.83, 3848407.25	1.08562	-1.37E-04	-6.42E-05	-1.27E-04	-4.75E-08	-1.44E-07	-8.31E-08	-3.88E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.46E-09	-5.27E-09	-8.37E-09	-1.47E-09	-2.09E-09	-6.56E-08
2546	474069.83, 3848432.25	1.03098	-1.30E-04	-6.10E-05	-1.20E-04	-4.52E-08	-1.36E-07	-7.89E-08	-3.69E-08	-3.34E-08	-1.53E-08	-3.01E-08	-1.51E-09	-3.64E-08	-8.04E-09	-5.01E-09	-7.95E-09	-1.40E-09	-1.99E-09	-6.23E-08
2547	474069.83, 3848457.25	0.98062	-1.24E-04	-5.80E-05	-1.15E-04	-4.29E-08	-1.30E-07	-7.51E-08	-3.51E-08	-3.18E-08	-1.45E-08	-2.87E-08	-1.43E-09	-3.46E-08	-7.64E-09	-4.76E-09	-7.56E-09	-1.33E-09	-1.89E-09	-5.93E-08
2548	474069.83, 3848482.25	0.9365	-1.18E-04	-5.54E-05	-1.09E-04	-4.10E-08	-1.24E-07	-7.17E-08	-3.35E-08	-3.04E-08	-1.39E-08	-2.74E-08	-1.37E-09	-3.31E-08	-7.30E-09	-4.55E-09	-7.22E-09	-1.27E-09	-1.81E-09	-5.66E-08
2549	474094.83, 3848082.25	4.5583	-5.77E-04	-2.70E-04	-5.32E-04	-2.00E-07	-6.03E-07	-3.49E-07	-1.63E-07	-1.48E-07	-6.75E-08	-1.33E-07	-6.67E-09	-1.61E-07	-3.55E-08	-2.21E-08	-3.51E-08	-6.19E-09	-8.79E-09	-2.75E-07
2550	474094.83, 3848107.25	3.56804	-4.51E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.28E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.85E-09	-6.88E-09	-2.16E-07
2551	474094.83, 3848132.25	2.94338	-3.72E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.89E-07	-2.25E-07	-1.05E-07	-9.55E-08	-4.36E-08	-8.60E-08	-4.30E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.67E-09	-1.78E-07
2552	474094.83, 3848157.25	2.52077	-3.19E-04	-1.49E-04	-2.94E-04	-1.10E-07	-3.33E-07	-1.93E-07	-9.02E-08	-8.18E-08	-3.73E-08	-7.37E-08	-3.69E-09	-8.90E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.42E-09	-4.86E-09	-1.52E-07
2553	474094.83, 3848182.25	2.21752	-2.81E-04	-1.31E-04	-2.59E-04	-9.71E-08	-2.93E-07	-1.70E-07	-7.93E-08	-7.19E-08	-3.28E-08	-6.48E-08	-3.24E-09	-7.83E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.01E-09	-4.28E-09	-1.34E-07
2554	474094.83, 3848207.25	1.98942	-2.52E-04	-1.18E-04	-2.32E-04	-8.71E-08	-2.63E-07	-1.52E-07	-7.12E-08	-6.45E-08	-2.94E-08	-5.81E-08	-2.91E-09	-7.03E-08	-1.55E-08	-9.66E-09	-1.53E-08	-2.70E-09	-3.84E-09	-1.20E-07
2555	474094.83, 3848232.25	1.80622	-2.29E-04	-1.07E-04	-2.11E-04	-7.91E-08	-2.39E-07	-1.38E-07	-6.46E-08	-5.86E-08	-2.67E-08	-5.28E-08	-2.64E-09	-6.38E-08	-1.41E-08	-8.77E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07

2556	474094.83, 3848257.25	1.66157	-2.10E-04	-9.83E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.87E-08	-1.30E-08	-8.07E-09	-1.28E-08	-2.26E-09	-3.20E-09	-1.00E-07
2557	474094.83, 3848282.25	1.5433	-1.95E-04	-9.13E-05	-1.80E-04	-6.76E-08	-2.04E-07	-1.18E-07	-5.52E-08	-5.01E-08	-2.28E-08	-4.51E-08	-2.26E-09	-5.45E-08	-1.20E-08	-7.50E-09	-1.19E-08	-2.10E-09	-2.98E-09	-9.33E-08
2558	474094.83, 3848307.25	1.44203	-1.82E-04	-8.53E-05	-1.68E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.13E-08	-4.21E-08	-2.11E-09	-5.09E-08	-1.12E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.71E-08
2559	474094.83, 3848332.25	1.35107	-1.71E-04	-7.99E-05	-1.58E-04	-5.92E-08	-1.79E-07	-1.03E-07	-4.83E-08	-4.38E-08	-2.00E-08	-3.95E-08	-1.98E-09	-4.77E-08	-1.05E-08	-6.56E-09	-1.04E-08	-1.84E-09	-2.60E-09	-8.16E-08
2560	474094.83, 3848357.25	1.26958	-1.61E-04	-7.51E-05	-1.48E-04	-5.56E-08	-1.68E-07	-9.72E-08	-4.54E-08	-4.12E-08	-1.88E-08	-3.71E-08	-1.86E-09	-4.48E-08	-9.90E-09	-6.17E-09	-9.78E-09	-1.72E-09	-2.45E-09	-7.67E-08
2561	474094.83, 3848382.25	1.20036	-1.52E-04	-7.10E-05	-1.40E-04	-5.26E-08	-1.59E-07	-9.19E-08	-4.29E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.24E-08	-9.36E-09	-5.83E-09	-9.25E-09	-1.63E-09	-2.31E-09	-7.25E-08
2562	474094.83, 3848407.25	1.13704	-1.44E-04	-6.72E-05	-1.33E-04	-4.98E-08	-1.50E-07	-8.70E-08	-4.07E-08	-3.69E-08	-1.68E-08	-3.32E-08	-1.66E-09	-4.02E-08	-8.86E-09	-5.52E-09	-8.76E-09	-1.54E-09	-2.19E-09	-6.87E-08
2563	474094.83, 3848432.25	1.07717	-1.36E-04	-6.37E-05	-1.26E-04	-4.72E-08	-1.42E-07	-8.25E-08	-3.85E-08	-3.49E-08	-1.59E-08	-3.15E-08	-1.58E-09	-3.81E-08	-8.40E-09	-5.23E-09	-8.30E-09	-1.46E-09	-2.08E-09	-6.51E-08
2564	474094.83, 3848457.25	1.02192	-1.29E-04	-6.04E-05	-1.19E-04	-4.48E-08	-1.35E-07	-7.82E-08	-3.66E-08	-3.31E-08	-1.51E-08	-2.99E-08	-1.49E-09	-3.61E-08	-7.97E-09	-4.96E-09	-7.88E-09	-1.39E-09	-1.97E-09	-6.18E-08
2565	474094.83, 3848482.25	0.97573	-1.23E-04	-5.77E-05	-1.14E-04	-4.27E-08	-1.29E-07	-7.47E-08	-3.49E-08	-3.16E-08	-1.44E-08	-2.85E-08	-1.43E-09	-3.45E-08	-7.61E-09	-4.74E-09	-7.52E-09	-1.33E-09	-1.88E-09	-5.90E-08
2566	474094.83, 3848507.25	0.93126	-1.18E-04	-5.51E-05	-1.09E-04	-4.08E-08	-1.23E-07	-7.13E-08	-3.33E-08	-3.02E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.29E-08	-7.26E-09	-4.52E-09	-7.18E-09	-1.26E-09	-1.80E-09	-5.63E-08
2567	474119.83, 3848107.25	4.39451	-5.56E-04	-2.60E-04	-5.13E-04	-1.92E-07	-5.81E-07	-3.36E-07	-1.57E-07	-1.43E-07	-6.50E-08	-1.28E-07	-6.43E-09	-1.55E-07	-3.43E-08	-2.13E-08	-3.39E-08	-5.97E-09	-8.47E-09	-2.66E-07
2568	474119.83, 3848132.25	3.41744	-4.32E-04	-2.02E-04	-3.99E-04	-1.50E-07	-4.52E-07	-2.62E-07	-1.22E-07	-1.11E-07	-5.06E-08	-9.99E-08	-5.00E-09	-1.21E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.64E-09	-6.59E-09	-2.07E-07
2569	474119.83, 3848157.25	2.83606	-3.59E-04	-1.68E-04	-3.31E-04	-1.24E-07	-3.75E-07	-2.17E-07	-1.01E-07	-9.20E-08	-4.20E-08	-8.29E-08	-4.15E-09	-1.00E-07	-2.21E-08	-1.38E-08	-2.19E-08	-3.85E-09	-5.47E-09	-1.71E-07
2570	474119.83, 3848182.25	2.45323	-3.10E-04	-1.45E-04	-2.86E-04	-1.07E-07	-3.24E-07	-1.88E-07	-8.78E-08	-7.96E-08	-3.63E-08	-7.17E-08	-3.59E-09	-8.67E-08	-1.91E-08	-1.19E-08	-1.89E-08	-3.33E-09	-4.73E-09	-1.48E-07
2571	474119.83, 3848207.25	2.1691	-2.74E-04	-1.28E-04	-2.53E-04	-9.50E-08	-2.87E-07	-1.66E-07	-7.76E-08	-7.04E-08	-3.21E-08	-6.34E-08	-3.17E-09	-7.66E-08	-1.69E-08	-1.05E-08	-1.67E-08	-2.95E-09	-4.18E-09	-1.31E-07
2572	474119.83, 3848232.25	1.95453	-2.47E-04	-1.16E-04	-2.28E-04	-8.56E-08	-2.58E-07	-1.50E-07	-6.99E-08	-6.34E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.49E-09	-1.51E-08	-2.65E-09	-3.77E-09	-1.18E-07
2573	474119.83, 3848257.25	1.78358	-2.26E-04	-1.05E-04	-2.08E-04	-7.81E-08	-2.36E-07	-1.37E-07	-6.38E-08	-5.78E-08	-2.64E-08	-5.21E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.66E-09	-1.37E-08	-2.42E-09	-3.44E-09	-1.08E-07
2574	474119.83, 3848282.25	1.6441	-2.08E-04	-9.72E-05	-1.92E-04	-7.20E-08	-2.17E-07	-1.26E-07	-5.88E-08	-5.33E-08	-2.43E-08	-4.81E-08	-2.40E-09	-5.81E-08	-1.28E-08	-7.99E-09	-1.27E-08	-2.23E-09	-3.17E-09	-9.94E-08
2575	474119.83, 3848307.25	1.52687	-1.93E-04	-9.03E-05	-1.78E-04	-6.69E-08	-2.02E-07	-1.17E-07	-5.46E-08	-4.95E-08	-2.26E-08	-4.46E-08	-2.23E-09	-5.39E-08	-1.19E-08	-7.42E-09	-1.18E-08	-2.07E-09	-2.94E-09	-9.23E-08
2576	474119.83, 3848332.25	1.42612	-1.80E-04	-8.43E-05	-1.67E-04	-6.25E-08	-1.89E-07	-1.09E-07	-5.10E-08	-4.63E-08	-2.11E-08	-4.17E-08	-2.09E-09	-5.04E-08	-1.11E-08	-6.93E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.62E-08
2577	474119.83, 3848357.25	1.33917	-1.69E-04	-7.92E-05	-1.56E-04	-5.86E-08	-1.77E-07	-1.03E-07	-4.79E-08	-4.34E-08	-1.98E-08	-3.91E-08	-1.96E-09	-4.73E-08	-1.04E-08	-6.51E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.09E-08
2578	474119.83, 3848382.25	1.26153	-1.60E-04	-7.46E-05	-1.47E-04	-5.52E-08	-1.67E-07	-9.66E-08	-4.51E-08	-4.09E-08	-1.87E-08	-3.69E-08	-1.84E-09	-4.46E-08	-9.83E-09	-6.13E-09	-9.72E-09	-1.71E-09	-2.43E-09	-7.62E-08
2579	474119.83, 3848407.25	1.19293	-1.51E-04	-7.05E-05	-1.39E-04	-5.22E-08	-1.58E-07	-9.13E-08	-4.27E-08	-3.87E-08	-1.77E-08	-3.49E-08	-1.74E-09	-4.21E-08	-9.30E-09	-5.80E-09	-9.19E-09	-1.62E-09	-2.30E-09	-7.21E-08
2580	474119.83, 3848432.25	1.12776	-1.43E-04	-6.67E-05	-1.32E-04	-4.94E-08	-1.49E-07	-8.63E-08	-4.04E-08	-3.66E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.98E-08	-8.79E-09	-5.48E-09	-8.69E-09	-1.53E-09	-2.17E-09	-6.82E-08
2581	474119.83, 3848457.25	1.06662	-1.35E-04	-6.31E-05	-1.25E-04	-4.67E-08	-1.41E-07	-8.16E-08	-3.82E-08	-3.46E-08	-1.58E-08	-3.12E-08	-1.56E-09	-3.77E-08	-8.31E-09	-5.18E-09	-8.22E-09	-1.45E-09	-2.06E-09	-6.45E-08
2582	474119.83, 3848482.25	1.01663	-1.29E-04	-6.01E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.78E-08	-3.64E-08	-3.30E-08	-1.50E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.92E-09	-4.94E-09	-7.83E-09	-1.38E-09	-1.96E-09	-6.14E-08
2583	474119.83, 3848507.25	0.96896	-1.23E-04	-5.73E-05	-1.13E-04	-4.24E-08	-1.28E-07	-7.42E-08	-3.47E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.42E-09	-3.42E-08	-7.55E-09	-4.71E-09	-7.47E-09	-1.32E-09	-1.87E-09	-5.86E-08
2584	474119.83, 3848532.25	0.92647	-1.17E-04	-5.48E-05	-1.08E-04	-4.06E-08	-1.23E-07	-7.09E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.71E-08	-1.35E-09	-3.27E-08	-7.22E-09	-4.50E-09	-7.14E-09	-1.26E-09	-1.79E-09	-5.60E-08
2585	474144.83, 3848107.25	5.62231	-7.11E-04	-3.32E-04	-6.57E-04	-2.46E-07	-7.43E-07	-4.30E-07	-2.01E-07	-1.82E-07	-8.32E-08	-1.64E-07	-8.22E-09	-1.99E-07	-4.38E-08	-2.73E-08	-4.33E-08	-7.64E-09	-1.08E-08	-3.40E-07
2586	474144.83, 3848132.25	4.09921	-5.19E-04	-2.42E-04	-4.79E-04	-1.80E-07	-5.42E-07	-3.14E-07	-1.47E-07	-1.33E-07	-6.07E-08	-1.20E-07	-5.99E-09	-1.45E-07	-3.20E-08	-1.99E-08	-3.16E-08	-5.57E-09	-7.90E-09	-2.48E-07
2587	474144.83, 3848157.25	3.27179	-4.14E-04	-1.93E-04	-3.82E-04	-1.43E-07	-4.33E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.84E-08	-9.56E-08	-4.78E-09	-1.16E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.44E-09	-6.31E-09	-1.98E-07
2588	474144.83, 3848182.25	2.7469	-3.48E-04	-1.62E-04	-3.21E-04	-1.20E-07	-3.63E-07	-2.10E-07	-9.83E-08	-8.91E-08	-4.07E-08	-8.03E-08	-4.02E-09	-9.70E-08	-2.14E-08	-1.33E-08	-2.12E-08	-3.73E-09	-5.30E-09	-1.66E-07
2589	474144.83, 3848207.25	2.37699	-3.01E-04	-1.41E-04	-2.78E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.71E-08	-3.52E-08	-6.95E-08	-3.48E-09	-8.40E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
2590	474144.83, 3848232.25	2.12902	-2.69E-04	-1.26E-04	-2.49E-04	-9.32E-08	-2.82E-07	-1.63E-07	-7.62E-08	-6.91E-08	-3.15E-08	-6.22E-08	-3.11E-09	-7.52E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.29E-07
2591	474144.83, 3848257.25	1.92727	-2.44E-04	-1.14E-04	-2.25E-04	-8.44E-08	-2.55E-07	-1.48E-07	-6.90E-08	-6.25E-08	-2.85E-08	-5.63E-08	-2.82E-09	-6.81E-08	-1.50E-08	-9.36E-09	-1.49E-08	-2.62E-09	-3.72E-09	-1.16E-07
2592	474144.83, 3848282.25	1.76132	-2.23E-04	-1.04E-04	-2.06E-04	-7.71E-08	-2.33E-07	-1.35E-07	-6.30E-08	-5.71E-08	-2.61E-08	-5.15E-08	-2.58E-09	-6.22E-08	-1.37E-08	-8.56E-09	-1.36E-08	-2.39E-09	-3.40E-09	-1.06E-07
2593	474144.83, 3848307.25	1.62435	-2.06E-04	-9.61E-05	-1.90E-04	-7.11E-08	-2.15E-07	-1.24E-07	-5.81E-08	-5.27E-08	-2.40E-08	-4.75E-08	-2.38E-09	-5.74E-08	-1.27E-08	-7.89E-09	-1.25E-08	-2.21E-09	-3.13E-09	-9.82E-08
2594	474144.83, 3848332.25	1.51068	-1.91E-04	-8.93E-05	-1.76E-04	-6.62E-08	-2.00E-07	-1.16E-07	-5.41E-08	-4.90E-08	-2.24E-08	-4.42E-08	-2.21E-09	-5.34E-08	-1.18E-08	-7.34E-09	-1.16E-08	-2.05E-09	-2.91E-09	-9.13E-08
2595	474144.83, 3848357.25	1.41532	-1.79E-04	-8.37E-05	-1.65E-04	-6.20E-08	-1.87E-07	-1.08E-07	-5.06E-08	-4.59E-08	-2.09E-08	-4.14E-08	-2.07E-09	-5.00E-08	-1.10E-08	-6.88E-09	-1.09E-08	-1.92E-09	-2.73E-09	-8.55E-08
2596	474144.83, 3848382.25	1.32904	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.76E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.46E-09	-1.02E-08	-1.81E-09	-2.56E-09	-8.03E-08
2597	474144.83, 3848407.25	1.25269	-1.58E-04	-7.41E-05	-1.46E-04	-5.49E-08	-1.66E-07	-9.59E-08	-4.48E-08	-4.06E-08	-1.85E-08	-3.66E-08	-1.83E-09	-4.43E-08	-9.76E-09	-6.09E-09	-9.65E-09	-1.70E-09	-2.42E-09	-7.57E-08
2598	474144.83, 3848432.25	1.1811	-1.49E-04	-6.98E-05	-1.38E-04	-5.17E-08	-1.56E-07	-9.04E-08	-4.23E-08	-3.83E-08	-1.75E-08	-3.45E-08	-1.73E-09	-4.17E-08	-9.21E-09	-5.74E-09	-9.10E-09	-1.60E-09	-2.28E-09	-7.14E-08
2599	474144.83, 3848457.25	1.11498	-1.41E-04	-6.59E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.54E-08	-3.99E-08	-3.62E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.94E-08	-8.69E-09	-5.42E-09	-8.59E-09	-1.51E-09	-2.15E-09	-6.74E-08
2600	474144.83, 3848482.25	1.05995	-1.34E-04	-6.27E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.26E-09	-5.15E-09	-8.17E-09	-1.44E-09	-2.04E-09	-6.41E-08
2601	474144.83, 3848507.25	1.00852	-1.28E-04	-5.96E-05	-1.18E-04	-4.42E-08	-1.33E-07	-7.72E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.47E-09	-3.56E-08	-7.86E-09	-4.90E-09	-7.77E-09	-1.37E-09	-1.94E-09	-6.09E-08
2602	474144.83, 3848532.25	0.96323	-1.22E-04	-5.70E-05	-1.12E-04	-4.22E-08	-1.27E-07	-7.37E-08	-3.45E-08	-3.12E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.40E-08	-7.51E-09	-4.68E-09	-7.42E-09	-1.31E-09	-1.86E-09	-5.82E-08
2603	474144.83, 3848557.25	0.92186	-1.17E-04	-5.45E-05	-1.08E-04	-4.04E-08	-1.22E-07	-7.06E-08	-3.30E-08	-2.99E-08	-1.36E-08	-2.69E-08	-1.35E-09	-3.26E-08	-7.19E-09	-4.48E-09	-7.10E-09	-1.25E-09	-1.78E-09	-5.57E-08
2604	474169.83, 3848132.25	5.29843	-6.70E-04	-3.13E-04	-6.19E-04	-2.32E-07	-7.01E-07	-4.06E-07	-1.90E-07	-1.72E-07	-7.84E-08	-1.55E-07	-7.75E-09	-1.87E-07	-4.13E-08	-2.57E-08	-4.08E-08	-7.20E-09	-1.02E-08	-3.20E-07
2605	474169.83, 3848157.25	3.96755	-5.02E-04	-2.35E-04	-4.63E-04	-1.74E-07	-5.25E-07	-3.04E-07	-1.42E-07	-1.29E-07	-5.87E-08	-1.16E-07	-5.80E-09	-1.40E-07	-3.09E-08	-1.93E-08	-3.06E-08	-5.39E-09	-7.65E-09	-2.40E-07
2606	474169.83, 3848182.25	3.17403	-4.02E-04	-1.88E-04	-3.71E-04	-1.39E-07	-4.20E-07	-2.43E-07	-1.14E-07	-1.03E-07	-4.70E-08	-9.28E-08	-4.64E-09	-1.12E-07	-2.47E-08	-1.54E-08	-2.45E-08	-4.31E-09	-6.12E-09	-1.92E-07
2607	474169.83, 3848207.25	2.68164	-3.39E-04	-1.59E-04	-3.13E-04	-1.17E-07	-3.55E-07	-2.05E-07	-9.59E-08	-8.70E-08	-3.97E-08	-7.84E-08	-3.92E-09	-9.47E-08	-2.09E-08	-1.30E-08	-2.07E-08	-3.64E-09	-5.17E-09	-1.62E-07
2608	474169.83, 3848232.25	2.32474	-2.94E-04	-1.37E-04	-2.71E-04	-1.02E-07	-3.07E-07	-1.78E-07	-8.32E-08	-7.54E-08	-3.44E-08	-6.79E-08	-3.40E-09	-8.21E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.48E-09	-1.40E-07
2609	474169.83, 3848257.25	2.1061	-2.66E-04	-1.25E-04	-2.46E-04	-9.22E-08	-2.78E-07	-1.61E-07	-7.54E-08	-6.83E-08	-3.12E-08	-6.16E-08	-3.08E-09	-7.44E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
2610	474169.83, 3848282.25	1.9108	-2.42E-04	-1.13E-04	-2.23E-04	-8.37E-08	-2.53E-07	-1.46E-07	-6.84E-08	-6.20E-08	-2.83E-08	-5.58E-08	-2.79E-09	-6.75E-08	-1.49E-08	-9.28E-09	-1.47E-08	-2.60E-09	-3.68E-09	-1.15E-07
2611	474169.83, 3848307.25	1.74092	-2.20E-04	-1.03E-04	-2.03E-04	-7.62E-08	-2.30E-07	-1.33E-07	-6.23E-08	-5.65E-08	-2.58E-08	-5.09E-08	-2.55E-09	-6.15E-08	-1.36E-08	-8.46E-09	-1.34E-08	-2.36E-09	-3.36E-09	-1.05E-07
2612	474169.83, 3848332.25	1.60764	-2.03E-04	-9.51E-05	-1.88E-04	-7.04E-08	-2.13E-07	-1.23E-07	-5.75E-08	-5.21E-08	-2.38E-08	-4.70E-08	-2.35E-09	-5.68E-08	-1.25E-08	-7.81E-09	-1.24E-08	-2.18E-09	-3.10E-09	-9.72E-08
2613	474169.83, 3848357.25	1.49948	-1.90E-04	-8.87E-05	-1.75E-04	-6.57E-08	-1.98E-07	-1.15E-07	-5.37E-08	-4.86E-08	-2.22E-08	-4.38E-08	-2.19E-09	-5.30E-08	-1.17E-08	-7.28E-09	-1.16E-08	-2.04E-09	-2.89E-09	-9.06E-08
2614	474169.83, 3848382.25	1.40112	-1.77E-04	-8.29E-05	-1.64E-04	-6.14E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.10E-08	-2.05E-09	-4.95E-08	-1.09E-08	-6.81E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.47E-08
2615	474169.83, 3848407.25	1.31756	-1.67E-04	-7.79E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.40E-09	-1.02E-08	-1.79E-09	-2.54E-09	-7.96E-08
2616	474169.83, 3848432.25	1.24041	-1.57E-04	-7.34E-05	-1.45E-04	-5.43E-08	-1.64E-07	-9.50E-08	-4.44E-08	-4.02E-08	-1.84E-08	-3.63E-08	-1.81E-09	-4.38E-08	-9.67E-09	-6.03E-09	-9.56E-09	-1.68E-09	-2.39E-09	-7.50E-08
2617	474169.83, 3848457.25	1.1682	-1.48E-04	-6.91E-05	-1.36E-04	-5.12E-08	-1.54E-07	-8.94E-08	-4.18E-08	-3.79E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.13E-08	-9.11E-09	-5.68E-09	-9.00E-09	-1.59E-09	-2.25E-09	-7.06E-08
2618	474169.83, 3848482.25	1.10657	-1.40E-04	-6.54E-05	-1.29E-04	-4.85E-08	-1.46E-07	-8.47E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.63E-09	-5.38E-09	-8.53E-09	-1.50E-09	-2.13E-09	-6.69E-08
2619	474169.83, 3848507.25	1.0538	-1.33E-04	-6.23E-05	-1.23E-04	-4.62E-08	-1.39E-07	-8.07E-08	-3.77E-08	-3.42E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.72E-08	-8.21E-09	-5.12E-09	-8.12E-09	-1.43E-09	-2.03E-09	-6.37E-08

2620	474169.83, 3848532.25	1.00381	-1.27E-04	-5.94E-05	-1.17E-04	-4.40E-08	-1.33E-07	-7.68E-08	-3.59E-08	-3.26E-08	-1.49E-08	-2.93E-08	-1.47E-09	-3.55E-08	-7.82E-09	-4.88E-09	-7.74E-09	-1.36E-09	-1.94E-09	-6.07E-08
2621	474169.83, 3848557.25	0.95856	-1.21E-04	-5.67E-05	-1.12E-04	-4.20E-08	-1.27E-07	-7.34E-08	-3.43E-08	-3.11E-08	-1.42E-08	-2.80E-08	-1.40E-09	-3.39E-08	-7.47E-09	-4.66E-09	-7.39E-09	-1.30E-09	-1.85E-09	-5.79E-08
2622	474169.83, 3848582.25	0.91733	-1.16E-04	-5.42E-05	-1.07E-04	-4.02E-08	-1.21E-07	-7.02E-08	-3.28E-08	-2.98E-08	-1.36E-08	-2.68E-08	-1.34E-09	-3.24E-08	-7.15E-09	-4.46E-09	-7.07E-09	-1.25E-09	-1.77E-09	-5.54E-08
2623	474194.83, 3848157.25	5.0585	-6.40E-04	-2.99E-04	-5.91E-04	-2.22E-07	-6.69E-07	-3.87E-07	-1.81E-07	-1.64E-07	-7.49E-08	-1.48E-07	-7.40E-09	-1.79E-07	-3.94E-08	-2.46E-08	-3.90E-08	-6.87E-09	-9.75E-09	-3.06E-07
2624	474194.83, 3848182.25	3.96742	-5.02E-04	-2.35E-04	-4.63E-04	-1.74E-07	-5.25E-07	-3.04E-07	-1.42E-07	-1.29E-07	-5.87E-08	-1.16E-07	-5.80E-09	-1.40E-07	-3.09E-08	-1.93E-08	-3.06E-08	-5.39E-09	-7.65E-09	-2.40E-07
2625	474194.83, 3848207.25	3.24809	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.30E-07	-2.49E-07	-1.16E-07	-1.05E-07	-4.81E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
2626	474194.83, 3848232.25	2.64831	-3.35E-04	-1.57E-04	-3.09E-04	-1.16E-07	-3.50E-07	-2.03E-07	-9.48E-08	-8.59E-08	-3.92E-08	-7.74E-08	-3.87E-09	-9.36E-08	-2.06E-08	-1.29E-08	-2.04E-08	-3.60E-09	-5.11E-09	-1.60E-07
2627	474194.83, 3848257.25	2.32871	-2.95E-04	-1.38E-04	-2.72E-04	-1.02E-07	-3.08E-07	-1.78E-07	-8.33E-08	-7.55E-08	-3.45E-08	-6.81E-08	-3.41E-09	-8.23E-08	-1.82E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.49E-09	-1.41E-07
2628	474194.83, 3848282.25	2.0853	-2.64E-04	-1.23E-04	-2.44E-04	-9.13E-08	-2.76E-07	-1.60E-07	-7.46E-08	-6.76E-08	-3.09E-08	-6.09E-08	-3.05E-09	-7.37E-08	-1.63E-08	-1.01E-08	-1.61E-08	-2.83E-09	-4.02E-09	-1.26E-07
2629	474194.83, 3848307.25	1.88588	-2.39E-04	-1.12E-04	-2.20E-04	-8.26E-08	-2.49E-07	-1.44E-07	-6.75E-08	-6.12E-08	-2.79E-08	-5.51E-08	-2.76E-09	-6.66E-08	-1.47E-08	-9.16E-09	-1.45E-08	-2.56E-09	-3.64E-09	-1.14E-07
2630	474194.83, 3848332.25	1.72259	-2.18E-04	-1.02E-04	-2.01E-04	-7.54E-08	-2.28E-07	-1.32E-07	-6.16E-08	-5.59E-08	-2.55E-08	-5.03E-08	-2.52E-09	-6.09E-08	-1.34E-08	-8.37E-09	-1.33E-08	-2.34E-09	-3.32E-09	-1.04E-07
2631	474194.83, 3848357.25	1.59542	-2.02E-04	-9.43E-05	-1.86E-04	-6.99E-08	-2.11E-07	-1.22E-07	-5.71E-08	-5.17E-08	-2.36E-08	-4.66E-08	-2.33E-09	-5.64E-08	-1.24E-08	-7.75E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.64E-08
2632	474194.83, 3848382.25	1.484	-1.88E-04	-8.78E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.81E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
2633	474194.83, 3848407.25	1.39011	-1.76E-04	-8.22E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.97E-08	-4.51E-08	-2.06E-08	-4.06E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.75E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.40E-08
2634	474194.83, 3848432.25	1.30779	-1.65E-04	-7.73E-05	-1.53E-04	-5.73E-08	-1.73E-07	-1.00E-07	-4.68E-08	-4.24E-08	-1.94E-08	-3.82E-08	-1.91E-09	-4.62E-08	-1.02E-08	-6.35E-09	-1.01E-08	-1.78E-09	-2.52E-09	-7.90E-08
2635	474194.83, 3848457.25	1.2319	-1.56E-04	-7.28E-05	-1.44E-04	-5.40E-08	-1.63E-07	-9.43E-08	-4.41E-08	-4.00E-08	-1.82E-08	-3.60E-08	-1.80E-09	-4.35E-08	-9.60E-09	-5.98E-09	-9.49E-09	-1.67E-09	-2.37E-09	-7.44E-08
2636	474194.83, 3848482.25	1.15912	-1.47E-04	-6.85E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.87E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.09E-08	-9.04E-09	-5.63E-09	-8.93E-09	-1.57E-09	-2.23E-09	-7.00E-08
2637	474194.83, 3848507.25	1.09945	-1.39E-04	-6.50E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.42E-08	-3.93E-08	-3.57E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.57E-09	-5.34E-09	-8.47E-09	-1.49E-09	-2.12E-09	-6.64E-08
2638	474194.83, 3848532.25	1.04805	-1.33E-04	-6.20E-05	-1.22E-04	-4.59E-08	-1.39E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.17E-09	-5.09E-09	-8.08E-09	-1.42E-09	-2.02E-09	-6.33E-08
2639	474194.83, 3848557.25	0.99967	-1.26E-04	-5.91E-05	-1.17E-04	-4.38E-08	-1.32E-07	-7.65E-08	-3.58E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.53E-08	-7.79E-09	-4.86E-09	-7.70E-09	-1.36E-09	-1.93E-09	-6.04E-08
2640	474194.83, 3848582.25	0.95393	-1.21E-04	-5.64E-05	-1.11E-04	-4.18E-08	-1.26E-07	-7.30E-08	-3.41E-08	-3.09E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.63E-09	-7.35E-09	-1.30E-09	-1.84E-09	-5.76E-08
2641	474219.83, 3848182.25	4.76436	-6.03E-04	-2.82E-04	-5.56E-04	-2.09E-07	-6.30E-07	-3.65E-07	-1.70E-07	-1.55E-07	-7.05E-08	-1.39E-07	-6.97E-09	-1.68E-07	-3.71E-08	-2.31E-08	-3.67E-08	-6.47E-09	-9.19E-09	-2.88E-07
2642	474219.83, 3848207.25	3.65124	-4.62E-04	-2.16E-04	-4.26E-04	-1.60E-07	-4.83E-07	-2.80E-07	-1.31E-07	-1.18E-07	-5.40E-08	-1.07E-07	-5.34E-09	-1.29E-07	-2.85E-08	-1.77E-08	-2.81E-08	-4.96E-09	-7.04E-09	-2.21E-07
2643	474219.83, 3848232.25	3.028	-3.83E-04	-1.79E-04	-3.54E-04	-1.33E-07	-4.00E-07	-2.32E-07	-1.08E-07	-9.82E-08	-4.48E-08	-8.85E-08	-4.43E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.84E-09	-1.83E-07
2644	474219.83, 3848257.25	2.59073	-3.28E-04	-1.53E-04	-3.03E-04	-1.13E-07	-3.43E-07	-1.98E-07	-9.27E-08	-8.40E-08	-3.83E-08	-7.57E-08	-3.79E-09	-9.15E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-4.99E-09	-1.57E-07
2645	474219.83, 3848282.25	2.28955	-2.90E-04	-1.35E-04	-2.67E-04	-1.00E-07	-3.03E-07	-1.75E-07	-8.19E-08	-7.43E-08	-3.39E-08	-6.69E-08	-3.35E-09	-8.09E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.11E-09	-4.41E-09	-1.38E-07
2646	474219.83, 3848307.25	2.0561	-2.60E-04	-1.22E-04	-2.40E-04	-9.00E-08	-2.72E-07	-1.57E-07	-7.36E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.26E-08	-1.60E-08	-9.99E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
2647	474219.83, 3848332.25	1.86059	-2.35E-04	-1.10E-04	-2.17E-04	-8.15E-08	-2.46E-07	-1.42E-07	-6.66E-08	-6.03E-08	-2.75E-08	-5.44E-08	-2.72E-09	-6.57E-08	-1.45E-08	-9.04E-09	-1.43E-08	-2.53E-09	-3.59E-09	-1.12E-07
2648	474219.83, 3848357.25	1.71052	-2.16E-04	-1.01E-04	-2.00E-04	-7.49E-08	-2.26E-07	-1.31E-07	-6.12E-08	-5.55E-08	-2.53E-08	-5.00E-08	-2.50E-09	-6.04E-08	-1.33E-08	-8.31E-09	-1.32E-08	-2.32E-09	-3.30E-09	-1.03E-07
2649	474219.83, 3848382.25	1.58037	-2.00E-04	-9.35E-05	-1.85E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.13E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.68E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.55E-08
2650	474219.83, 3848407.25	1.47292	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.31E-08	-2.15E-09	-5.20E-08	-1.15E-08	-7.16E-09	-1.14E-08	-2.00E-09	-2.84E-09	-8.90E-08
2651	474219.83, 3848432.25	1.3795	-1.75E-04	-8.16E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.06E-07	-4.94E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.08E-08	-6.70E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.34E-08
2652	474219.83, 3848457.25	1.29397	-1.64E-04	-7.65E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.91E-08	-4.63E-08	-4.20E-08	-1.92E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.29E-09	-9.97E-09	-1.76E-09	-2.49E-09	-7.82E-08
2653	474219.83, 3848482.25	1.21405	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.29E-08	-4.34E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.46E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2654	474219.83, 3848507.25	1.14968	-1.45E-04	-6.80E-05	-1.34E-04	-5.03E-08	-1.52E-07	-8.80E-08	-4.11E-08	-3.73E-08	-1.70E-08	-3.36E-08	-1.68E-09	-4.06E-08	-8.96E-09	-5.59E-09	-8.86E-09	-1.56E-09	-2.22E-09	-6.95E-08
2655	474219.83, 3848532.25	1.09272	-1.38E-04	-6.46E-05	-1.28E-04	-4.79E-08	-1.44E-07	-8.36E-08	-3.91E-08	-3.54E-08	-1.62E-08	-3.19E-08	-1.60E-09	-3.86E-08	-8.52E-09	-5.31E-09	-8.42E-09	-1.48E-09	-2.11E-09	-6.60E-08
2656	474219.83, 3848557.25	1.04132	-1.32E-04	-6.16E-05	-1.22E-04	-4.56E-08	-1.38E-07	-7.97E-08	-3.73E-08	-3.38E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.68E-08	-8.12E-09	-5.06E-09	-8.02E-09	-1.41E-09	-2.01E-09	-6.29E-08
2657	474219.83, 3848582.25	0.99476	-1.26E-04	-5.88E-05	-1.16E-04	-4.36E-08	-1.32E-07	-7.61E-08	-3.56E-08	-3.23E-08	-1.47E-08	-2.91E-08	-1.45E-09	-3.51E-08	-7.75E-09	-4.83E-09	-7.67E-09	-1.35E-09	-1.92E-09	-6.01E-08
2658	474219.83, 3848607.25	0.95275	-1.21E-04	-5.63E-05	-1.11E-04	-4.17E-08	-1.26E-07	-7.29E-08	-3.41E-08	-3.09E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.37E-08	-7.43E-09	-4.63E-09	-7.34E-09	-1.29E-09	-1.84E-09	-5.76E-08
2659	474244.83, 3848207.25	4.62872	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.12E-07	-3.54E-07	-1.66E-07	-1.50E-07	-6.85E-08	-1.35E-07	-6.77E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.29E-09	-8.92E-09	-2.80E-07
2660	474244.83, 3848232.25	3.57372	-4.52E-04	-2.11E-04	-4.17E-04	-1.57E-07	-4.73E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.29E-08	-1.04E-07	-5.23E-09	-1.26E-07	-2.79E-08	-1.74E-08	-2.75E-08	-4.85E-09	-6.89E-09	-2.16E-07
2661	474244.83, 3848257.25	2.96164	-3.75E-04	-1.75E-04	-3.46E-04	-1.30E-07	-3.92E-07	-2.27E-07	-1.06E-07	-9.61E-08	-4.38E-08	-8.66E-08	-4.33E-09	-1.05E-07	-2.31E-08	-1.44E-08	-2.28E-08	-4.02E-09	-5.71E-09	-1.79E-07
2662	474244.83, 3848282.25	2.56356	-3.24E-04	-1.52E-04	-2.99E-04	-1.12E-07	-3.39E-07	-1.96E-07	-9.17E-08	-8.31E-08	-3.79E-08	-7.49E-08	-3.75E-09	-9.06E-08	-2.00E-08	-1.25E-08	-1.98E-08	-3.48E-09	-4.94E-09	-1.55E-07
2663	474244.83, 3848307.25	2.26983	-2.87E-04	-1.34E-04	-2.65E-04	-9.94E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.63E-08	-3.32E-09	-8.02E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.38E-09	-1.37E-07
2664	474244.83, 3848332.25	2.03236	-2.57E-04	-1.20E-04	-2.37E-04	-8.90E-08	-2.69E-07	-1.56E-07	-7.27E-08	-6.59E-08	-3.01E-08	-5.94E-08	-2.97E-09	-7.18E-08	-1.58E-08	-9.87E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
2665	474244.83, 3848357.25	1.83981	-2.33E-04	-1.09E-04	-2.15E-04	-8.06E-08	-2.43E-07	-1.41E-07	-6.58E-08	-5.97E-08	-2.72E-08	-5.38E-08	-2.69E-09	-6.50E-08	-1.43E-08	-8.94E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
2666	474244.83, 3848382.25	1.68425	-2.13E-04	-9.96E-05	-1.97E-04	-7.38E-08	-2.23E-07	-1.29E-07	-6.03E-08	-5.46E-08	-2.49E-08	-4.92E-08	-2.46E-09	-5.95E-08	-1.31E-08	-8.18E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
2667	474244.83, 3848407.25	1.56114	-1.98E-04	-9.23E-05	-1.82E-04	-6.84E-08	-2.06E-07	-1.20E-07	-5.59E-08	-5.06E-08	-2.31E-08	-4.56E-08	-2.28E-09	-5.51E-08	-1.22E-08	-7.58E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.43E-08
2668	474244.83, 3848432.25	1.45647	-1.84E-04	-8.61E-05	-1.70E-04	-6.38E-08	-1.93E-07	-1.11E-07	-5.21E-08	-4.72E-08	-2.16E-08	-4.26E-08	-2.13E-09	-5.14E-08	-1.14E-08	-7.08E-09	-1.12E-08	-1.98E-09	-2.81E-09	-8.80E-08
2669	474244.83, 3848457.25	1.36282	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.24E-08
2670	474244.83, 3848482.25	1.27869	-1.62E-04	-7.56E-05	-1.49E-04	-5.60E-08	-1.69E-07	-9.79E-08	-4.58E-08	-4.15E-08	-1.89E-08	-3.74E-08	-1.87E-09	-4.52E-08	-9.97E-09	-6.21E-09	-9.85E-09	-1.74E-09	-2.47E-09	-7.73E-08
2671	474244.83, 3848507.25	1.20577	-1.53E-04	-7.13E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.23E-08	-4.31E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.26E-08	-9.40E-09	-5.86E-09	-9.29E-09	-1.64E-09	-2.32E-09	-7.29E-08
2672	474244.83, 3848532.25	1.14227	-1.45E-04	-6.75E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.74E-08	-4.09E-08	-3.70E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.90E-09	-5.55E-09	-8.80E-09	-1.55E-09	-2.20E-09	-6.90E-08
2673	474244.83, 3848557.25	1.08618	-1.37E-04	-6.42E-05	-1.27E-04	-4.76E-08	-1.44E-07	-8.31E-08	-3.89E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.84E-08	-8.47E-09	-5.28E-09	-8.37E-09	-1.48E-09	-2.09E-09	-6.56E-08
2674	474244.83, 3848582.25	1.03515	-1.31E-04	-6.12E-05	-1.21E-04	-4.53E-08	-1.37E-07	-7.92E-08	-3.70E-08	-3.36E-08	-1.53E-08	-3.03E-08	-1.51E-09	-3.66E-08	-8.07E-09	-5.03E-09	-7.98E-09	-1.41E-09	-2.00E-09	-6.26E-08
2675	474244.83, 3848607.25	0.98739	-1.25E-04	-5.84E-05	-1.15E-04	-4.32E-08	-1.31E-07	-7.56E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.89E-08	-1.44E-09	-3.49E-08	-7.70E-09	-4.80E-09	-7.61E-09	-1.34E-09	-1.90E-09	-5.97E-08
2676	474244.83, 3848632.25	0.9469	-1.20E-04	-5.60E-05	-1.11E-04	-4.15E-08	-1.25E-07	-7.25E-08	-3.39E-08	-3.07E-08	-1.40E-08	-2.77E-08	-1.38E-09	-3.34E-08	-7.38E-09	-4.60E-09	-7.30E-09	-1.29E-09	-1.83E-09	-5.72E-08
2677	474269.83, 3848232.25	4.34619	-5.50E-04	-2.57E-04	-5.08E-04	-1.90E-07	-5.75E-07	-3.33E-07	-1.56E-07	-1.41E-07	-6.43E-08	-1.27E-07	-6.36E-09	-1.54E-07	-3.39E-08	-2.11E-08	-3.35E-08	-5.90E-09	-8.38E-09	-2.63E-07
2678	474269.83, 3848257.25	3.56501	-4.51E-04	-2.11E-04	-4.16E-04	-1.56E-07	-4.71E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.28E-08	-1.04E-07	-5.21E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.84E-09	-6.87E-09	-2.15E-07
2679	474269.83, 3848282.25	2.94377	-3.72E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.89E-07	-2.25E-07	-1.05E-07	-9.55E-08	-4.36E-08	-8.60E-08	-4.31E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.68E-09	-1.78E-07
2680	474269.83, 3848307.25	2.51995	-3.19E-04	-1.49E-04	-2.94E-04	-1.10E-07	-3.33E-07	-1.93E-07	-9.02E-08	-8.17E-08	-3.73E-08	-7.37E-08	-3.69E-09	-8.90E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.42E-09	-4.86E-09	-1.52E-07
2681	474269.83, 3848332.25	2.242	-2.84E-04	-1.33E-04	-2.62E-04	-9.82E-08	-2.96E-07	-1.72E-07	-8.02E-08	-7.27E-08	-3.32E-08	-6.55E-08	-3.28E-09	-7.92E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.32E-09	-1.35E-07
2682	474269.83, 3848357.25	1.99716	-2.53E-04	-1.18E-04	-2.33E-04	-8.75E-08	-2.64E-07	-1.53E-07	-7.15E-08	-6.48E-08	-2.96E-08	-5.84E-08	-2.92E-09	-7.05E-08	-1.56E-08	-9.70E-09	-1.54E-08	-2.71E-09	-3.85E-09	-1.21E-07
2683	474269.83, 3848382.25	1.80924	-2.29E-04	-1.07E-04	-2.11E-04	-7.92E-08	-2.39E-07	-1.38E-07	-6.47E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.39E-08	-1.41E-08	-8.79E-09	-1.39E-08	-2.46E-09	-3.49E-09	-1.09E-07

2684	474269.83, 3848407.25	1.66324	-2.10E-04	-9.84E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.88E-08	-1.30E-08	-8.08E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
2685	474269.83, 3848432.25	1.54425	-1.95E-04	-9.13E-05	-1.80E-04	-6.76E-08	-2.04E-07	-1.18E-07	-5.53E-08	-5.01E-08	-2.29E-08	-4.51E-08	-2.26E-09	-5.46E-08	-1.20E-08	-7.50E-09	-1.19E-08	-2.10E-09	-2.98E-09	-9.33E-08
2686	474269.83, 3848457.25	1.44272	-1.83E-04	-8.53E-05	-1.68E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.12E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.72E-08
2687	474269.83, 3848482.25	1.35251	-1.71E-04	-8.00E-05	-1.58E-04	-5.92E-08	-1.79E-07	-1.04E-07	-4.84E-08	-4.39E-08	-2.00E-08	-3.95E-08	-1.98E-09	-4.78E-08	-1.05E-08	-6.57E-09	-1.04E-08	-1.84E-09	-2.61E-09	-8.17E-08
2688	474269.83, 3848507.25	1.26971	-1.61E-04	-7.51E-05	-1.48E-04	-5.56E-08	-1.68E-07	-9.72E-08	-4.54E-08	-4.12E-08	-1.88E-08	-3.71E-08	-1.86E-09	-4.49E-08	-9.90E-09	-6.17E-09	-9.78E-09	-1.72E-09	-2.45E-09	-7.67E-08
2689	474269.83, 3848532.25	1.19753	-1.52E-04	-7.08E-05	-1.40E-04	-5.24E-08	-1.58E-07	-9.17E-08	-4.28E-08	-3.88E-08	-1.77E-08	-3.50E-08	-1.75E-09	-4.23E-08	-9.33E-09	-5.82E-09	-9.23E-09	-1.63E-09	-2.31E-09	-7.24E-08
2690	474269.83, 3848557.25	1.13541	-1.44E-04	-6.71E-05	-1.33E-04	-4.97E-08	-1.50E-07	-8.69E-08	-4.06E-08	-3.68E-08	-1.68E-08	-3.32E-08	-1.66E-09	-4.01E-08	-8.85E-09	-5.52E-09	-8.75E-09	-1.54E-09	-2.19E-09	-6.86E-08
2691	474269.83, 3848582.25	1.08062	-1.37E-04	-6.39E-05	-1.26E-04	-4.73E-08	-1.43E-07	-8.27E-08	-3.87E-08	-3.50E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.42E-09	-5.25E-09	-8.33E-09	-1.47E-09	-2.08E-09	-6.53E-08
2692	474269.83, 3848607.25	1.02938	-1.30E-04	-6.09E-05	-1.20E-04	-4.51E-08	-1.36E-07	-7.88E-08	-3.68E-08	-3.34E-08	-1.52E-08	-3.01E-08	-1.51E-09	-3.64E-08	-8.02E-09	-5.00E-09	-7.93E-09	-1.40E-09	-1.98E-09	-6.22E-08
2693	474269.83, 3848632.25	0.98243	-1.24E-04	-5.81E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.52E-08	-3.52E-08	-3.19E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.66E-09	-4.77E-09	-7.57E-09	-1.33E-09	-1.89E-09	-5.94E-08
2694	474269.83, 3848657.25	0.93982	-1.19E-04	-5.56E-05	-1.10E-04	-4.12E-08	-1.24E-07	-7.19E-08	-3.36E-08	-3.05E-08	-1.39E-08	-2.75E-08	-1.37E-09	-3.32E-08	-7.33E-09	-4.57E-09	-7.24E-09	-1.28E-09	-1.81E-09	-5.68E-08
2695	474294.83, 3848257.25	4.22627	-5.35E-04	-2.50E-04	-4.94E-04	-1.85E-07	-5.59E-07	-3.24E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.24E-07	-6.18E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.26E-08	-5.74E-09	-8.15E-09	-2.55E-07
2696	474294.83, 3848282.25	3.38878	-4.29E-04	-2.00E-04	-3.96E-04	-1.48E-07	-4.48E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.02E-08	-9.90E-08	-4.96E-09	-1.20E-07	-2.64E-08	-1.65E-08	-2.61E-08	-4.60E-09	-6.53E-09	-2.05E-07
2697	474294.83, 3848307.25	2.94598	-3.73E-04	-1.74E-04	-3.44E-04	-1.29E-07	-3.90E-07	-2.26E-07	-1.05E-07	-9.56E-08	-4.36E-08	-8.61E-08	-4.31E-09	-1.04E-07	-2.30E-08	-1.43E-08	-2.27E-08	-4.00E-09	-5.68E-09	-1.78E-07
2698	474294.83, 3848332.25	2.7207	-3.44E-04	-1.61E-04	-3.18E-04	-1.19E-07	-3.60E-07	-2.08E-07	-9.73E-08	-8.82E-08	-4.03E-08	-7.95E-08	-3.98E-09	-9.61E-08	-2.12E-08	-1.32E-08	-2.10E-08	-3.70E-09	-5.25E-09	-1.64E-07
2699	474294.83, 3848357.25	2.23517	-2.83E-04	-1.32E-04	-2.61E-04	-9.79E-08	-2.96E-07	-1.71E-07	-8.00E-08	-7.25E-08	-3.31E-08	-6.53E-08	-3.27E-09	-7.90E-08	-1.74E-08	-1.09E-08	-1.72E-08	-3.04E-09	-4.31E-09	-1.35E-07
2700	474294.83, 3848382.25	1.96954	-2.49E-04	-1.16E-04	-2.30E-04	-8.63E-08	-2.60E-07	-1.51E-07	-7.05E-08	-6.39E-08	-2.91E-08	-5.76E-08	-2.88E-09	-6.96E-08	-1.54E-08	-9.57E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
2701	474294.83, 3848407.25	1.7883	-2.26E-04	-1.06E-04	-2.09E-04	-7.83E-08	-2.36E-07	-1.37E-07	-6.40E-08	-5.80E-08	-2.65E-08	-5.23E-08	-2.62E-09	-6.32E-08	-1.39E-08	-8.69E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
2702	474294.83, 3848432.25	1.64871	-2.09E-04	-9.75E-05	-1.93E-04	-7.22E-08	-2.18E-07	-1.26E-07	-5.90E-08	-5.35E-08	-2.44E-08	-4.82E-08	-2.41E-09	-5.82E-08	-1.29E-08	-8.01E-09	-1.27E-08	-2.24E-09	-3.18E-09	-9.96E-08
2703	474294.83, 3848457.25	1.53328	-1.94E-04	-9.07E-05	-1.79E-04	-6.71E-08	-2.03E-07	-1.17E-07	-5.49E-08	-4.97E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.42E-08	-1.20E-08	-7.45E-09	-1.18E-08	-2.08E-09	-2.96E-09	-9.27E-08
2704	474294.83, 3848482.25	1.43278	-1.81E-04	-8.47E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.13E-08	-4.65E-08	-2.12E-08	-4.19E-08	-2.10E-09	-5.06E-08	-1.12E-08	-6.96E-09	-1.10E-08	-1.95E-09	-2.76E-09	-8.66E-08
2705	474294.83, 3848507.25	1.3408	-1.70E-04	-7.93E-05	-1.57E-04	-5.87E-08	-1.77E-07	-1.03E-07	-4.80E-08	-4.35E-08	-1.98E-08	-3.92E-08	-1.96E-09	-4.74E-08	-1.05E-08	-6.51E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.10E-08
2706	474294.83, 3848532.25	1.25842	-1.59E-04	-7.44E-05	-1.47E-04	-5.51E-08	-1.66E-07	-9.63E-08	-4.50E-08	-4.08E-08	-1.86E-08	-3.68E-08	-1.84E-09	-4.45E-08	-9.81E-09	-6.11E-09	-9.70E-09	-1.71E-09	-2.43E-09	-7.60E-08
2707	474294.83, 3848557.25	1.18867	-1.50E-04	-7.03E-05	-1.39E-04	-5.21E-08	-1.57E-07	-9.10E-08	-4.25E-08	-3.86E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.20E-08	-9.27E-09	-5.77E-09	-9.16E-09	-1.61E-09	-2.29E-09	-7.18E-08
2708	474294.83, 3848582.25	1.12859	-1.43E-04	-6.67E-05	-1.32E-04	-4.94E-08	-1.49E-07	-8.64E-08	-4.04E-08	-3.66E-08	-1.67E-08	-3.30E-08	-1.65E-09	-3.99E-08	-8.80E-09	-5.48E-09	-8.70E-09	-1.53E-09	-2.18E-09	-6.82E-08
2709	474294.83, 3848607.25	1.07323	-1.36E-04	-6.35E-05	-1.25E-04	-4.70E-08	-1.42E-07	-8.22E-08	-3.84E-08	-3.48E-08	-1.59E-08	-3.14E-08	-1.57E-09	-3.79E-08	-8.37E-09	-5.21E-09	-8.27E-09	-1.46E-09	-2.07E-09	-6.49E-08
2710	474294.83, 3848632.25	1.02253	-1.29E-04	-6.05E-05	-1.19E-04	-4.48E-08	-1.35E-07	-7.83E-08	-3.66E-08	-3.32E-08	-1.51E-08	-2.99E-08	-1.50E-09	-3.61E-08	-7.97E-09	-4.97E-09	-7.88E-09	-1.39E-09	-1.97E-09	-6.18E-08
2711	474294.83, 3848657.25	0.97853	-1.24E-04	-5.79E-05	-1.14E-04	-4.29E-08	-1.29E-07	-7.49E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.46E-08	-7.63E-09	-4.75E-09	-7.54E-09	-1.33E-09	-1.89E-09	-5.91E-08
2712	474294.83, 3848682.25	0.93771	-1.19E-04	-5.55E-05	-1.10E-04	-4.11E-08	-1.24E-07	-7.18E-08	-3.36E-08	-3.04E-08	-1.39E-08	-2.74E-08	-1.37E-09	-3.31E-08	-7.31E-09	-4.56E-09	-7.23E-09	-1.27E-09	-1.81E-09	-5.67E-08
2713	474319.83, 3848257.25	5.46317	-6.91E-04	-3.23E-04	-6.38E-04	-2.39E-07	-7.22E-07	-4.18E-07	-1.95E-07	-1.77E-07	-8.09E-08	-1.60E-07	-7.99E-09	-1.93E-07	-4.26E-08	-2.65E-08	-4.21E-08	-7.42E-09	-1.05E-08	-3.30E-07
2714	474319.83, 3848282.25	4.23376	-5.36E-04	-2.50E-04	-4.94E-04	-1.85E-07	-5.60E-07	-3.24E-07	-1.51E-07	-1.37E-07	-6.27E-08	-1.24E-07	-6.19E-09	-1.50E-07	-3.30E-08	-2.06E-08	-3.26E-08	-5.75E-09	-8.16E-09	-2.56E-07
2715	474319.83, 3848307.25	3.55515	-4.50E-04	-2.10E-04	-4.15E-04	-1.56E-07	-4.70E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.26E-08	-1.04E-07	-5.20E-09	-1.26E-07	-2.77E-08	-1.73E-08	-2.74E-08	-4.83E-09	-6.85E-09	-2.15E-07
2716	474319.83, 3848332.25	3.05529	-3.87E-04	-1.81E-04	-3.57E-04	-1.34E-07	-4.04E-07	-2.34E-07	-1.09E-07	-9.91E-08	-4.52E-08	-8.93E-08	-4.47E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.15E-09	-5.89E-09	-1.85E-07
2717	474319.83, 3848357.25	2.6916	-3.41E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.56E-07	-2.06E-07	-9.63E-08	-8.73E-08	-3.98E-08	-7.87E-08	-3.94E-09	-9.51E-08	-2.10E-08	-1.31E-08	-2.07E-08	-3.66E-09	-5.19E-09	-1.63E-07
2718	474319.83, 3848382.25	2.23647	-2.83E-04	-1.32E-04	-2.61E-04	-9.79E-08	-2.96E-07	-1.71E-07	-8.00E-08	-7.25E-08	-3.31E-08	-6.54E-08	-3.27E-09	-7.90E-08	-1.74E-08	-1.09E-08	-1.72E-08	-3.04E-09	-4.31E-09	-1.35E-07
2719	474319.83, 3848407.25	1.9548	-2.47E-04	-1.16E-04	-2.28E-04	-8.56E-08	-2.58E-07	-1.50E-07	-6.99E-08	-6.34E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.91E-08	-1.52E-08	-9.50E-09	-1.51E-08	-2.65E-09	-3.77E-09	-1.18E-07
2720	474319.83, 3848432.25	1.77134	-2.24E-04	-1.05E-04	-2.07E-04	-7.76E-08	-2.34E-07	-1.36E-07	-6.34E-08	-5.75E-08	-2.62E-08	-5.18E-08	-2.59E-09	-6.26E-08	-1.38E-08	-8.61E-09	-1.37E-08	-2.41E-09	-3.41E-09	-1.07E-07
2721	474319.83, 3848457.25	1.6366	-2.07E-04	-9.68E-05	-1.91E-04	-7.17E-08	-2.16E-07	-1.25E-07	-5.86E-08	-5.31E-08	-2.42E-08	-4.78E-08	-2.39E-09	-5.78E-08	-1.28E-08	-7.95E-09	-1.26E-08	-2.22E-09	-3.16E-09	-9.89E-08
2722	474319.83, 3848482.25	1.51941	-1.92E-04	-8.98E-05	-1.77E-04	-6.65E-08	-2.01E-07	-1.16E-07	-5.44E-08	-4.93E-08	-2.25E-08	-4.44E-08	-2.22E-09	-5.37E-08	-1.18E-08	-7.38E-09	-1.17E-08	-2.06E-09	-2.93E-09	-9.18E-08
2723	474319.83, 3848507.25	1.4164	-1.79E-04	-8.38E-05	-1.65E-04	-6.20E-08	-1.87E-07	-1.08E-07	-5.07E-08	-4.59E-08	-2.10E-08	-4.14E-08	-2.07E-09	-5.00E-08	-1.10E-08	-6.88E-09	-1.09E-08	-1.92E-09	-2.73E-09	-8.56E-08
2724	474319.83, 3848532.25	1.32375	-1.67E-04	-7.83E-05	-1.55E-04	-5.80E-08	-1.75E-07	-1.01E-07	-4.74E-08	-4.29E-08	-1.96E-08	-3.87E-08	-1.94E-09	-4.68E-08	-1.03E-08	-6.43E-09	-1.02E-08	-1.80E-09	-2.55E-09	-8.00E-08
2725	474319.83, 3848557.25	1.2464	-1.58E-04	-7.37E-05	-1.46E-04	-5.46E-08	-1.65E-07	-9.54E-08	-4.46E-08	-4.04E-08	-1.84E-08	-3.64E-08	-1.82E-09	-4.40E-08	-9.72E-09	-6.05E-09	-9.61E-09	-1.69E-09	-2.40E-09	-7.53E-08
2726	474319.83, 3848582.25	1.18062	-1.49E-04	-6.98E-05	-1.38E-04	-5.17E-08	-1.56E-07	-9.04E-08	-4.22E-08	-3.83E-08	-1.75E-08	-3.45E-08	-1.73E-09	-4.17E-08	-9.20E-09	-5.74E-09	-9.10E-09	-1.60E-09	-2.28E-09	-7.13E-08
2727	474319.83, 3848607.25	1.12042	-1.42E-04	-6.63E-05	-1.31E-04	-4.91E-08	-1.48E-07	-8.58E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.96E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
2728	474319.83, 3848632.25	1.06686	-1.35E-04	-6.31E-05	-1.25E-04	-4.67E-08	-1.41E-07	-8.17E-08	-3.82E-08	-3.46E-08	-1.58E-08	-3.12E-08	-1.56E-09	-3.77E-08	-8.32E-09	-5.18E-09	-8.22E-09	-1.45E-09	-2.06E-09	-6.45E-08
2729	474319.83, 3848657.25	1.01719	-1.29E-04	-6.02E-05	-1.19E-04	-4.45E-08	-1.35E-07	-7.79E-08	-3.64E-08	-3.30E-08	-1.51E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.93E-09	-4.94E-09	-7.84E-09	-1.38E-09	-1.96E-09	-6.15E-08
2730	474319.83, 3848682.25	0.97592	-1.23E-04	-5.77E-05	-1.14E-04	-4.27E-08	-1.29E-07	-7.47E-08	-3.49E-08	-3.17E-08	-1.44E-08	-2.85E-08	-1.43E-09	-3.45E-08	-7.61E-09	-4.74E-09	-7.52E-09	-1.33E-09	-1.88E-09	-5.90E-08
2731	474319.83, 3848707.25	0.93478	-1.18E-04	-5.53E-05	-1.09E-04	-4.09E-08	-1.24E-07	-7.16E-08	-3.34E-08	-3.03E-08	-1.38E-08	-2.73E-08	-1.37E-09	-3.30E-08	-7.29E-09	-4.54E-09	-7.20E-09	-1.27E-09	-1.80E-09	-5.65E-08
2732	474344.83, 3848282.25	5.40983	-6.84E-04	-3.20E-04	-6.32E-04	-2.37E-07	-7.15E-07	-4.14E-07	-1.94E-07	-1.75E-07	-8.01E-08	-1.58E-07	-7.91E-09	-1.91E-07	-4.22E-08	-2.63E-08	-4.17E-08	-7.35E-09	-1.04E-08	-3.27E-07
2733	474344.83, 3848307.25	4.15814	-5.26E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.50E-07	-3.18E-07	-1.49E-07	-1.35E-07	-6.15E-08	-1.22E-07	-6.08E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.20E-08	-5.65E-09	-8.02E-09	-2.51E-07
2734	474344.83, 3848332.25	3.34433	-4.23E-04	-1.98E-04	-3.91E-04	-1.46E-07	-4.42E-07	-2.56E-07	-1.20E-07	-1.08E-07	-4.95E-08	-9.77E-08	-4.89E-09	-1.18E-07	-2.61E-08	-1.62E-08	-2.58E-08	-4.54E-09	-6.45E-09	-2.02E-07
2735	474344.83, 3848357.25	2.78908	-3.53E-04	-1.65E-04	-3.26E-04	-1.22E-07	-3.69E-07	-2.14E-07	-9.98E-08	-9.05E-08	-4.13E-08	-8.15E-08	-4.08E-09	-9.85E-08	-2.17E-08	-1.35E-08	-2.15E-08	-3.79E-09	-5.38E-09	-1.69E-07
2736	474344.83, 3848382.25	2.424	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.67E-08	-7.86E-08	-3.59E-08	-7.08E-08	-3.54E-09	-8.56E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.46E-07
2737	474344.83, 3848407.25	2.16995	-2.75E-04	-1.28E-04	-2.53E-04	-9.50E-08	-2.87E-07	-1.66E-07	-7.76E-08	-7.04E-08	-3.21E-08	-6.34E-08	-3.17E-09	-7.67E-08	-1.69E-08	-1.05E-08	-1.67E-08	-2.95E-09	-4.18E-09	-1.31E-07
2738	474344.83, 3848432.25	1.94911	-2.47E-04	-1.15E-04	-2.28E-04	-8.54E-08	-2.58E-07	-1.49E-07	-6.97E-08	-6.32E-08	-2.88E-08	-5.70E-08	-2.85E-09	-6.89E-08	-1.52E-08	-9.47E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
2739	474344.83, 3848457.25	1.76032	-2.23E-04	-1.04E-04	-2.06E-04	-7.71E-08	-2.33E-07	-1.35E-07	-6.30E-08	-5.71E-08	-2.61E-08	-5.15E-08	-2.57E-09	-6.22E-08	-1.37E-08	-8.55E-09	-1.36E-08	-2.39E-09	-3.39E-09	-1.06E-07
2740	474344.83, 3848482.25	1.61939	-2.05E-04	-9.58E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.40E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.87E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.79E-08
2741	474344.83, 3848507.25	1.50204	-1.90E-04	-8.88E-05	-1.75E-04	-6.58E-08	-1.99E-07	-1.15E-07	-5.37E-08	-4.87E-08	-2.22E-08	-4.39E-08	-2.20E-09	-5.31E-08	-1.17E-08	-7.30E-09	-1.16E-08	-2.04E-09	-2.90E-09	-9.08E-08
2742	474344.83, 3848532.25	1.39892	-1.77E-04	-8.27E-05	-1.63E-04	-6.13E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.09E-08	-2.05E-09	-4.94E-08	-1.09E-08	-6.80E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.45E-08
2743	474344.83, 3848557.25	1.31166	-1.66E-04	-7.76E-05	-1.53E-04	-5.74E-08	-1.73E-07	-1.00E-07	-4.69E-08	-4.25E-08	-1.94E-08	-3.83E-08	-1.92E-09	-4.63E-08	-1.02E-08	-6.37E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
2744	474344.83, 3848582.25	1.23731	-1.57E-04	-7.32E-05	-1.44E-04	-5.42E-08	-1.64E-07	-9.47E-08	-4.43E-08	-4.01E-08	-1.83E-08	-3.62E-08	-1.81E-09	-4.37E-08	-9.64E-09	-6.01E-09	-9.54E-09	-1.68E-09	-2.39E-09	-7.48E-08
2745	474344.83, 3848607.25	1.17211	-1.48E-04	-6.93E-05	-1.37E-04	-5.13E-08	-1.55E-07	-8.97E-08	-4.19E-08	-3.80E-08	-1.73E-08	-3.43E-08	-1.71E-09	-4.14E-08	-9.14E-09	-5.69E-09	-9.03E-09	-1.59E-09	-2.26E-09	-7.08E-08
2746	474344.83, 3848632.25	1.11237	-1.41E-04	-6.58E-05	-1.30E-04	-4.87E-08	-1.47E-07	-8.52E-08	-3.98E-08	-3.61E-08	-1.65E-08	-3.25E-08	-1.63E-09	-3.93E-08	-8.67E-09	-5.40E-09	-8.57E-09	-1.51E-09	-2.14E-09	-6.72E-08
2747	474344.83, 3848657.25	1.05931	-1.34E-04	-6.26E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.26E-09	-5.15E-09	-8.16E-09	-1.44E-09	-2.04E-09	-6.40E-08

2748	474344.83, 3848682.25	1.01117	-1.28E-04	-5.98E-05	-1.18E-04	-4.43E-08	-1.34E-07	-7.74E-08	-3.62E-08	-3.28E-08	-1.50E-08	-2.96E-08	-1.48E-09	-3.57E-08	-7.88E-09	-4.91E-09	-7.79E-09	-1.37E-09	-1.95E-09	-6.11E-08
2749	474344.83, 3848707.25	0.96775	-1.22E-04	-5.72E-05	-1.13E-04	-4.24E-08	-1.28E-07	-7.41E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.42E-09	-3.42E-08	-7.54E-09	-4.70E-09	-7.46E-09	-1.31E-09	-1.87E-09	-5.85E-08
2750	474369.83, 3848307.25	5.16787	-6.54E-04	-3.06E-04	-6.04E-04	-2.26E-07	-6.83E-07	-3.96E-07	-1.85E-07	-1.68E-07	-7.65E-08	-1.51E-07	-7.56E-09	-1.83E-07	-4.03E-08	-2.51E-08	-3.98E-08	-7.02E-09	-9.96E-09	-3.12E-07
2751	474369.83, 3848332.25	4.01237	-5.08E-04	-2.37E-04	-4.69E-04	-1.76E-07	-5.31E-07	-3.07E-07	-1.44E-07	-1.30E-07	-5.94E-08	-1.17E-07	-5.87E-09	-1.42E-07	-3.13E-08	-1.95E-08	-3.09E-08	-5.45E-09	-7.74E-09	-2.42E-07
2752	474369.83, 3848357.25	3.32102	-4.20E-04	-1.96E-04	-3.88E-04	-1.45E-07	-4.39E-07	-2.54E-07	-1.19E-07	-1.08E-07	-4.92E-08	-9.71E-08	-4.86E-09	-1.17E-07	-2.59E-08	-1.61E-08	-2.56E-08	-4.51E-09	-6.40E-09	-2.01E-07
2753	474369.83, 3848382.25	2.77516	-3.51E-04	-1.64E-04	-3.24E-04	-1.22E-07	-3.67E-07	-2.12E-07	-9.93E-08	-9.00E-08	-4.11E-08	-8.11E-08	-4.06E-09	-9.80E-08	-2.16E-08	-1.35E-08	-2.14E-08	-3.77E-09	-5.35E-09	-1.68E-07
2754	474369.83, 3848407.25	2.37814	-3.01E-04	-1.41E-04	-2.78E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.51E-08	-7.71E-08	-3.52E-08	-6.95E-08	-3.48E-09	-8.40E-08	-1.85E-08	-1.16E-08	-1.83E-08	-3.23E-09	-4.58E-09	-1.44E-07
2755	474369.83, 3848432.25	2.10434	-2.66E-04	-1.24E-04	-2.46E-04	-9.22E-08	-2.78E-07	-1.61E-07	-7.53E-08	-6.83E-08	-3.11E-08	-6.15E-08	-3.08E-09	-7.43E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
2756	474369.83, 3848457.25	1.90386	-2.41E-04	-1.13E-04	-2.22E-04	-8.34E-08	-2.52E-07	-1.46E-07	-6.81E-08	-6.18E-08	-2.82E-08	-5.56E-08	-2.78E-09	-6.73E-08	-1.48E-08	-9.25E-09	-1.47E-08	-2.59E-09	-3.67E-09	-1.15E-07
2757	474369.83, 3848482.25	1.74049	-2.20E-04	-1.03E-04	-2.03E-04	-7.62E-08	-2.30E-07	-1.33E-07	-6.23E-08	-5.65E-08	-2.58E-08	-5.09E-08	-2.55E-09	-6.15E-08	-1.36E-08	-8.46E-09	-1.34E-08	-2.36E-09	-3.36E-09	-1.05E-07
2758	474369.83, 3848507.25	1.60405	-2.03E-04	-9.49E-05	-1.87E-04	-7.02E-08	-2.12E-07	-1.23E-07	-5.74E-08	-5.20E-08	-2.37E-08	-4.69E-08	-2.35E-09	-5.67E-08	-1.25E-08	-7.79E-09	-1.24E-08	-2.18E-09	-3.09E-09	-9.69E-08
2759	474369.83, 3848532.25	1.48413	-1.88E-04	-8.78E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.81E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
2760	474369.83, 3848557.25	1.38371	-1.75E-04	-8.18E-05	-1.62E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.49E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.89E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
2761	474369.83, 3848582.25	1.29983	-1.64E-04	-7.69E-05	-1.52E-04	-5.69E-08	-1.72E-07	-9.95E-08	-4.65E-08	-4.22E-08	-1.92E-08	-3.80E-08	-1.90E-09	-4.59E-08	-1.01E-08	-6.31E-09	-1.00E-08	-1.77E-09	-2.51E-09	-7.86E-08
2762	474369.83, 3848607.25	1.22852	-1.55E-04	-7.26E-05	-1.43E-04	-5.38E-08	-1.62E-07	-9.40E-08	-4.40E-08	-3.98E-08	-1.82E-08	-3.59E-08	-1.80E-09	-4.34E-08	-9.58E-09	-5.97E-09	-9.47E-09	-1.67E-09	-2.37E-09	-7.42E-08
2763	474369.83, 3848632.25	1.16385	-1.47E-04	-6.88E-05	-1.36E-04	-5.10E-08	-1.54E-07	-8.91E-08	-4.16E-08	-3.77E-08	-1.72E-08	-3.40E-08	-1.70E-09	-4.11E-08	-9.07E-09	-5.65E-09	-8.97E-09	-1.58E-09	-2.24E-09	-7.03E-08
2764	474369.83, 3848657.25	1.10547	-1.40E-04	-6.54E-05	-1.29E-04	-4.84E-08	-1.46E-07	-8.46E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.62E-09	-5.37E-09	-8.52E-09	-1.50E-09	-2.13E-09	-6.68E-08
2765	474369.83, 3848682.25	1.05272	-1.33E-04	-6.23E-05	-1.23E-04	-4.61E-08	-1.39E-07	-8.06E-08	-3.77E-08	-3.41E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.72E-08	-8.21E-09	-5.11E-09	-8.11E-09	-1.43E-09	-2.03E-09	-6.36E-08
2766	474369.83, 3848707.25	1.00738	-1.27E-04	-5.96E-05	-1.18E-04	-4.41E-08	-1.33E-07	-7.71E-08	-3.60E-08	-3.27E-08	-1.49E-08	-2.94E-08	-1.47E-09	-3.56E-08	-7.85E-09	-4.89E-09	-7.76E-09	-1.37E-09	-1.94E-09	-6.09E-08
2767	474369.83, 3848732.25	0.96756	-1.22E-04	-5.72E-05	-1.13E-04	-4.24E-08	-1.28E-07	-7.41E-08	-3.46E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.41E-09	-3.42E-08	-7.54E-09	-4.70E-09	-7.46E-09	-1.31E-09	-1.87E-09	-5.85E-08
2768	474394.83, 3848332.25	4.95275	-6.27E-04	-2.93E-04	-5.78E-04	-2.17E-07	-6.55E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.33E-08	-1.45E-07	-7.24E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.73E-09	-9.55E-09	-2.99E-07
2769	474394.83, 3848357.25	3.84244	-4.86E-04	-2.27E-04	-4.49E-04	-1.68E-07	-5.08E-07	-2.94E-07	-1.37E-07	-1.25E-07	-5.69E-08	-1.12E-07	-5.62E-09	-1.36E-07	-3.00E-08	-1.87E-08	-2.96E-08	-5.22E-09	-7.41E-09	-2.32E-07
2770	474394.83, 3848382.25	3.08105	-3.90E-04	-1.82E-04	-3.60E-04	-1.35E-07	-4.07E-07	-2.36E-07	-1.10E-07	-9.99E-08	-4.56E-08	-9.01E-08	-4.51E-09	-1.09E-07	-2.40E-08	-1.50E-08	-2.37E-08	-4.18E-09	-5.94E-09	-1.86E-07
2771	474394.83, 3848407.25	2.74055	-3.47E-04	-1.62E-04	-3.20E-04	-1.20E-07	-3.62E-07	-2.10E-07	-9.81E-08	-8.89E-08	-4.06E-08	-8.01E-08	-4.01E-09	-9.68E-08	-2.14E-08	-1.33E-08	-2.11E-08	-3.72E-09	-5.28E-09	-1.66E-07
2772	474394.83, 3848432.25	2.43112	-3.08E-04	-1.44E-04	-2.84E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.70E-08	-7.89E-08	-3.60E-08	-7.11E-08	-3.56E-09	-8.59E-08	-1.90E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.69E-09	-1.47E-07
2773	474394.83, 3848457.25	2.10665	-2.67E-04	-1.25E-04	-2.46E-04	-9.23E-08	-2.79E-07	-1.61E-07	-7.54E-08	-6.83E-08	-3.12E-08	-6.16E-08	-3.08E-09	-7.44E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.86E-09	-4.06E-09	-1.27E-07
2774	474394.83, 3848482.25	1.88946	-2.39E-04	-1.12E-04	-2.21E-04	-8.27E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.13E-08	-2.80E-08	-5.52E-08	-2.76E-09	-6.67E-08	-1.47E-08	-9.18E-09	-1.46E-08	-2.57E-09	-3.64E-09	-1.14E-07
2775	474394.83, 3848507.25	1.72312	-2.18E-04	-1.02E-04	-2.01E-04	-7.55E-08	-2.28E-07	-1.32E-07	-6.17E-08	-5.59E-08	-2.55E-08	-5.04E-08	-2.52E-09	-6.09E-08	-1.34E-08	-8.37E-09	-1.33E-08	-2.34E-09	-3.32E-09	-1.04E-07
2776	474394.83, 3848532.25	1.58407	-2.00E-04	-9.37E-05	-1.85E-04	-6.94E-08	-2.09E-07	-1.21E-07	-5.67E-08	-5.14E-08	-2.34E-08	-4.63E-08	-2.32E-09	-5.60E-08	-1.23E-08	-7.70E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.57E-08
2777	474394.83, 3848557.25	1.46747	-1.86E-04	-8.68E-05	-1.71E-04	-6.43E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.18E-08	-1.14E-08	-7.13E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.87E-08
2778	474394.83, 3848582.25	1.37067	-1.73E-04	-8.11E-05	-1.60E-04	-6.00E-08	-1.81E-07	-1.05E-07	-4.90E-08	-4.45E-08	-2.03E-08	-4.01E-08	-2.00E-09	-4.84E-08	-1.07E-08	-6.66E-09	-1.06E-08	-1.86E-09	-2.64E-09	-8.28E-08
2779	474394.83, 3848607.25	1.29138	-1.63E-04	-7.64E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.89E-08	-4.62E-08	-4.19E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.95E-09	-1.75E-09	-2.49E-09	-7.80E-08
2780	474394.83, 3848632.25	1.22045	-1.54E-04	-7.22E-05	-1.43E-04	-5.34E-08	-1.61E-07	-9.34E-08	-4.37E-08	-3.96E-08	-1.81E-08	-3.57E-08	-1.78E-09	-4.31E-08	-9.51E-09	-5.93E-09	-9.41E-09	-1.66E-09	-2.35E-09	-7.38E-08
2781	474394.83, 3848657.25	1.15559	-1.46E-04	-6.83E-05	-1.35E-04	-5.06E-08	-1.53E-07	-8.85E-08	-4.13E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.08E-08	-9.01E-09	-5.61E-09	-8.91E-09	-1.57E-09	-2.23E-09	-6.98E-08
2782	474394.83, 3848682.25	1.09821	-1.39E-04	-6.49E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.41E-08	-3.93E-08	-3.56E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.56E-09	-5.34E-09	-8.46E-09	-1.49E-09	-2.12E-09	-6.64E-08
2783	474394.83, 3848707.25	1.04663	-1.32E-04	-6.19E-05	-1.22E-04	-4.58E-08	-1.38E-07	-8.01E-08	-3.74E-08	-3.39E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.16E-09	-5.08E-09	-8.07E-09	-1.42E-09	-2.02E-09	-6.33E-08
2784	474394.83, 3848732.25	1.00009	-1.27E-04	-5.91E-05	-1.17E-04	-4.38E-08	-1.32E-07	-7.66E-08	-3.58E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.53E-08	-7.80E-09	-4.86E-09	-7.71E-09	-1.36E-09	-1.93E-09	-6.04E-08
2785	474394.83, 3848757.25	0.96214	-1.22E-04	-5.69E-05	-1.12E-04	-4.21E-08	-1.27E-07	-7.37E-08	-3.44E-08	-3.12E-08	-1.42E-08	-2.81E-08	-1.41E-09	-3.40E-08	-7.50E-09	-4.67E-09	-7.41E-09	-1.31E-09	-1.85E-09	-5.81E-08
2786	474419.83, 3848357.25	4.86956	-6.16E-04	-2.88E-04	-5.69E-04	-2.13E-07	-6.44E-07	-3.73E-07	-1.74E-07	-1.58E-07	-7.21E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.80E-08	-2.37E-08	-3.75E-08	-6.61E-09	-9.39E-09	-2.94E-07
2787	474419.83, 3848382.25	3.75775	-4.75E-04	-2.22E-04	-4.39E-04	-1.65E-07	-4.97E-07	-2.88E-07	-1.34E-07	-1.22E-07	-5.56E-08	-1.10E-07	-5.50E-09	-1.33E-07	-2.93E-08	-1.83E-08	-2.90E-08	-5.10E-09	-7.24E-09	-2.27E-07
2788	474419.83, 3848407.25	3.04722	-3.86E-04	-1.80E-04	-3.56E-04	-1.33E-07	-4.03E-07	-2.33E-07	-1.09E-07	-9.88E-08	-4.51E-08	-8.91E-08	-4.46E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.14E-09	-5.87E-09	-1.84E-07
2789	474419.83, 3848432.25	2.59819	-3.29E-04	-1.54E-04	-3.03E-04	-1.14E-07	-3.44E-07	-1.99E-07	-9.30E-08	-8.43E-08	-3.85E-08	-7.59E-08	-3.80E-09	-9.18E-08	-2.03E-08	-1.26E-08	-2.00E-08	-3.53E-09	-5.01E-09	-1.57E-07
2790	474419.83, 3848457.25	2.28945	-2.90E-04	-1.35E-04	-2.67E-04	-1.00E-07	-3.03E-07	-1.75E-07	-8.19E-08	-7.43E-08	-3.39E-08	-6.69E-08	-3.35E-09	-8.09E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.11E-09	-4.41E-09	-1.38E-07
2791	474419.83, 3848482.25	2.04982	-2.59E-04	-1.21E-04	-2.39E-04	-8.98E-08	-2.71E-07	-1.57E-07	-7.33E-08	-6.65E-08	-3.03E-08	-5.99E-08	-3.00E-09	-7.24E-08	-1.60E-08	-9.96E-09	-1.58E-08	-2.78E-09	-3.95E-09	-1.24E-07
2792	474419.83, 3848507.25	1.85765	-2.35E-04	-1.10E-04	-2.17E-04	-8.14E-08	-2.46E-07	-1.42E-07	-6.65E-08	-6.03E-08	-2.75E-08	-5.43E-08	-2.72E-09	-6.56E-08	-1.45E-08	-9.02E-09	-1.43E-08	-2.52E-09	-3.58E-09	-1.12E-07
2793	474419.83, 3848532.25	1.69591	-2.15E-04	-1.00E-04	-1.98E-04	-7.43E-08	-2.24E-07	-1.30E-07	-6.07E-08	-5.50E-08	-2.51E-08	-4.96E-08	-2.48E-09	-5.99E-08	-1.32E-08	-8.24E-09	-1.31E-08	-2.30E-09	-3.27E-09	-1.02E-07
2794	474419.83, 3848557.25	1.56097	-1.97E-04	-9.23E-05	-1.82E-04	-6.84E-08	-2.06E-07	-1.19E-07	-5.59E-08	-5.06E-08	-2.31E-08	-4.56E-08	-2.28E-09	-5.51E-08	-1.22E-08	-7.58E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.43E-08
2795	474419.83, 3848582.25	1.45016	-1.83E-04	-8.58E-05	-1.69E-04	-6.35E-08	-1.92E-07	-1.11E-07	-5.19E-08	-4.70E-08	-2.15E-08	-4.24E-08	-2.12E-09	-5.12E-08	-1.13E-08	-7.04E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.76E-08
2796	474419.83, 3848607.25	1.36031	-1.72E-04	-8.04E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.41E-08	-2.01E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.61E-09	-1.05E-08	-1.85E-09	-2.62E-09	-8.22E-08
2797	474419.83, 3848632.25	1.28103	-1.62E-04	-7.58E-05	-1.50E-04	-5.61E-08	-1.69E-07	-9.81E-08	-4.58E-08	-4.15E-08	-1.90E-08	-3.74E-08	-1.87E-09	-4.53E-08	-9.99E-09	-6.22E-09	-9.87E-09	-1.74E-09	-2.47E-09	-7.74E-08
2798	474419.83, 3848657.25	1.21181	-1.53E-04	-7.17E-05	-1.42E-04	-5.31E-08	-1.60E-07	-9.28E-08	-4.34E-08	-3.93E-08	-1.79E-08	-3.54E-08	-1.77E-09	-4.28E-08	-9.45E-09	-5.89E-09	-9.34E-09	-1.65E-09	-2.34E-09	-7.32E-08
2799	474419.83, 3848682.25	1.14942	-1.45E-04	-6.80E-05	-1.34E-04	-5.03E-08	-1.52E-07	-8.80E-08	-4.11E-08	-3.73E-08	-1.70E-08	-3.36E-08	-1.68E-09	-4.06E-08	-8.96E-09	-5.58E-09	-8.86E-09	-1.56E-09	-2.22E-09	-6.95E-08
2800	474419.83, 3848707.25	1.09214	-1.38E-04	-6.46E-05	-1.28E-04	-4.78E-08	-1.44E-07	-8.36E-08	-3.91E-08	-3.54E-08	-1.62E-08	-3.19E-08	-1.60E-09	-3.86E-08	-8.51E-09	-5.31E-09	-8.42E-09	-1.48E-09	-2.11E-09	-6.60E-08
2801	474419.83, 3848732.25	1.04079	-1.32E-04	-6.15E-05	-1.22E-04	-4.56E-08	-1.38E-07	-7.97E-08	-3.72E-08	-3.38E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.68E-08	-8.11E-09	-5.06E-09	-8.02E-09	-1.41E-09	-2.01E-09	-6.29E-08
2802	474419.83, 3848757.25	1.00392	-1.27E-04	-5.94E-05	-1.17E-04	-4.40E-08	-1.33E-07	-7.68E-08	-3.59E-08	-3.26E-08	-1.49E-08	-2.93E-08	-1.47E-09	-3.55E-08	-7.83E-09	-4.88E-09	-7.74E-09	-1.36E-09	-1.94E-09	-6.07E-08
2803	474419.83, 3848782.25	0.94964	-1.20E-04	-5.62E-05	-1.11E-04	-4.16E-08	-1.26E-07	-7.27E-08	-3.40E-08	-3.08E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.35E-08	-7.40E-09	-4.61E-09	-7.32E-09	-1.29E-09	-1.83E-09	-5.74E-08
2804	474444.83, 3848382.25	4.45381	-5.63E-04	-2.63E-04	-5.20E-04	-1.95E-07	-5.89E-07	-3.41E-07	-1.59E-07	-1.44E-07	-6.59E-08	-1.30E-07	-6.51E-09	-1.57E-07	-3.47E-08	-2.16E-08	-3.43E-08	-6.05E-09	-8.59E-09	-2.69E-07
2805	474444.83, 3848407.25	3.59203	-4.54E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.75E-07	-2.75E-07	-1.29E-07	-1.17E-07	-5.32E-08	-1.05E-07	-5.25E-09	-1.27E-07	-2.80E-08	-1.74E-08	-2.77E-08	-4.88E-09	-6.92E-09	-2.17E-07
2806	474444.83, 3848432.25	3.05135	-3.86E-04	-1.80E-04	-3.56E-04	-1.34E-07	-4.03E-07	-2.34E-07	-1.09E-07	-9.90E-08	-4.52E-08	-8.92E-08	-4.46E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.14E-09	-5.88E-09	-1.84E-07
2807	474444.83, 3848457.25	2.62513	-3.32E-04	-1.55E-04	-3.07E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.39E-08	-8.51E-08	-3.89E-08	-7.67E-08	-3.84E-09	-9.27E-08	-2.05E-08	-1.28E-08	-2.02E-08	-3.57E-09	-5.06E-09	-1.59E-07
2808	474444.83, 3848482.25	2.2647	-2.87E-04	-1.34E-04	-2.64E-04	-9.92E-08	-2.99E-07	-1.73E-07	-8.10E-08	-7.35E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.00E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.37E-09	-1.37E-07
2809	474444.83, 3848507.25	2.02444	-2.56E-04	-1.20E-04	-2.36E-04	-8.87E-08	-2.68E-07	-1.55E-07	-7.24E-08	-6.57E-08	-3.00E-08	-5.92E-08	-2.96E-09	-7.15E-08	-1.58E-08	-9.83E-09	-1.56E-08	-2.75E-09	-3.90E-09	-1.22E-07
2810	474444.83, 3848532.25	1.82901	-2.31E-04	-1.08E-04	-2.14E-04	-8.01E-08	-2.42E-07	-1.40E-07	-6.54E-08	-5.93E-08	-2.71E-08	-5.35E-08	-2.67E-09	-6.46E-08	-1.43E-08	-8.89E-09	-1.41E-08	-2.48E-09	-3.53E-09	-1.11E-07
2811	474444.83, 3848557.25	1.67091	-2.11E-04	-9.88E-05	-1.95E-04	-7.32E-08	-2.21E-07	-1.28E-07	-5.98E-08	-5.42E-08	-2.47E-08	-4.88E-08	-2.44E-09	-5.90E-08	-1.30E-08	-8.12E-09	-1.29E-08	-2.27E-09	-3.22E-09	-1.01E-07

2812	474444.83, 3848582.25	1.54231	-1.95E-04	-9.12E-05	-1.80E-04	-6.75E-08	-2.04E-07	-1.18E-07	-5.52E-08	-5.00E-08	-2.28E-08	-4.51E-08	-2.26E-09	-5.45E-08	-1.20E-08	-7.49E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.32E-08
2813	474444.83, 3848607.25	1.437	-1.82E-04	-8.50E-05	-1.68E-04	-6.29E-08	-1.90E-07	-1.10E-07	-5.14E-08	-4.66E-08	-2.13E-08	-4.20E-08	-2.10E-09	-5.08E-08	-1.12E-08	-6.98E-09	-1.11E-08	-1.95E-09	-2.77E-09	-8.68E-08
2814	474444.83, 3848632.25	1.34893	-1.71E-04	-7.98E-05	-1.58E-04	-5.91E-08	-1.78E-07	-1.03E-07	-4.83E-08	-4.38E-08	-2.00E-08	-3.94E-08	-1.97E-09	-4.77E-08	-1.05E-08	-6.55E-09	-1.04E-08	-1.83E-09	-2.60E-09	-8.15E-08
2815	474444.83, 3848657.25	1.27136	-1.61E-04	-7.52E-05	-1.48E-04	-5.57E-08	-1.68E-07	-9.73E-08	-4.55E-08	-4.12E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.49E-08	-9.91E-09	-6.18E-09	-9.80E-09	-1.73E-09	-2.45E-09	-7.68E-08
2816	474444.83, 3848682.25	1.20369	-1.52E-04	-7.12E-05	-1.41E-04	-5.27E-08	-1.59E-07	-9.21E-08	-4.31E-08	-3.90E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.25E-08	-9.38E-09	-5.85E-09	-9.28E-09	-1.63E-09	-2.32E-09	-7.27E-08
2817	474444.83, 3848707.25	1.14202	-1.44E-04	-6.75E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.74E-08	-4.09E-08	-3.70E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.03E-08	-8.90E-09	-5.55E-09	-8.80E-09	-1.55E-09	-2.20E-09	-6.90E-08
2818	474444.83, 3848732.25	1.08402	-1.37E-04	-6.41E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.60E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.45E-09	-5.27E-09	-8.35E-09	-1.47E-09	-2.09E-09	-6.55E-08
2819	474444.83, 3848757.25	1.03326	-1.31E-04	-6.11E-05	-1.21E-04	-4.53E-08	-1.37E-07	-7.91E-08	-3.70E-08	-3.35E-08	-1.53E-08	-3.02E-08	-1.51E-09	-3.65E-08	-8.05E-09	-5.02E-09	-7.96E-09	-1.40E-09	-1.99E-09	-6.24E-08
2820	474444.83, 3848782.25	0.99356	-1.26E-04	-5.88E-05	-1.16E-04	-4.35E-08	-1.31E-07	-7.61E-08	-3.55E-08	-3.22E-08	-1.47E-08	-2.90E-08	-1.45E-09	-3.51E-08	-7.74E-09	-4.83E-09	-7.66E-09	-1.35E-09	-1.92E-09	-6.00E-08
2821	474444.83, 3848807.25	0.94357	-1.19E-04	-5.58E-05	-1.10E-04	-4.13E-08	-1.25E-07	-7.22E-08	-3.38E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.33E-08	-7.36E-09	-4.58E-09	-7.27E-09	-1.28E-09	-1.82E-09	-5.70E-08
2822	474469.83, 3848407.25	4.57469	-5.79E-04	-2.71E-04	-5.34E-04	-2.00E-07	-6.05E-07	-3.50E-07	-1.64E-07	-1.48E-07	-6.77E-08	-1.34E-07	-6.69E-09	-1.62E-07	-3.57E-08	-2.22E-08	-3.53E-08	-6.21E-09	-8.82E-09	-2.76E-07
2823	474469.83, 3848432.25	3.58428	-4.53E-04	-2.12E-04	-4.19E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.87E-09	-6.91E-09	-2.17E-07
2824	474469.83, 3848457.25	2.91869	-3.69E-04	-1.73E-04	-3.41E-04	-1.28E-07	-3.86E-07	-2.23E-07	-1.04E-07	-9.47E-08	-4.32E-08	-8.53E-08	-4.27E-09	-1.03E-07	-2.28E-08	-1.42E-08	-2.25E-08	-3.96E-09	-5.63E-09	-1.76E-07
2825	474469.83, 3848482.25	2.58062	-3.26E-04	-1.53E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.98E-07	-9.23E-08	-8.37E-08	-3.82E-08	-7.54E-08	-3.77E-09	-9.12E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.50E-09	-4.98E-09	-1.56E-07
2826	474469.83, 3848507.25	2.28745	-2.89E-04	-1.35E-04	-2.67E-04	-1.00E-07	-3.02E-07	-1.75E-07	-8.18E-08	-7.42E-08	-3.39E-08	-6.69E-08	-3.35E-09	-8.08E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.11E-09	-4.41E-09	-1.38E-07
2827	474469.83, 3848532.25	2.01898	-2.55E-04	-1.19E-04	-2.36E-04	-8.84E-08	-2.67E-07	-1.55E-07	-7.22E-08	-6.55E-08	-2.99E-08	-5.90E-08	-2.95E-09	-7.13E-08	-1.57E-08	-9.81E-09	-1.56E-08	-2.74E-09	-3.89E-09	-1.22E-07
2828	474469.83, 3848557.25	1.81064	-2.29E-04	-1.07E-04	-2.11E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07
2829	474469.83, 3848582.25	1.65131	-2.09E-04	-9.76E-05	-1.93E-04	-7.23E-08	-2.18E-07	-1.26E-07	-5.91E-08	-5.36E-08	-2.44E-08	-4.83E-08	-2.41E-09	-5.83E-08	-1.29E-08	-8.02E-09	-1.27E-08	-2.24E-09	-3.18E-09	-9.98E-08
2830	474469.83, 3848607.25	1.52687	-1.93E-04	-9.03E-05	-1.78E-04	-6.69E-08	-2.02E-07	-1.17E-07	-5.46E-08	-4.95E-08	-2.26E-08	-4.46E-08	-2.23E-09	-5.39E-08	-1.19E-08	-7.42E-09	-1.18E-08	-2.07E-09	-2.94E-09	-9.23E-08
2831	474469.83, 3848632.25	1.42487	-1.80E-04	-8.43E-05	-1.66E-04	-6.24E-08	-1.88E-07	-1.09E-07	-5.10E-08	-4.62E-08	-2.11E-08	-4.16E-08	-2.08E-09	-5.03E-08	-1.11E-08	-6.92E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.61E-08
2832	474469.83, 3848657.25	1.33836	-1.69E-04	-7.91E-05	-1.56E-04	-5.86E-08	-1.77E-07	-1.02E-07	-4.79E-08	-4.34E-08	-1.98E-08	-3.91E-08	-1.96E-09	-4.73E-08	-1.04E-08	-6.50E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.09E-08
2833	474469.83, 3848682.25	1.26345	-1.60E-04	-7.47E-05	-1.48E-04	-5.53E-08	-1.67E-07	-9.67E-08	-4.52E-08	-4.10E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.46E-08	-9.85E-09	-6.14E-09	-9.74E-09	-1.72E-09	-2.44E-09	-7.64E-08
2834	474469.83, 3848707.25	1.196	-1.51E-04	-7.07E-05	-1.40E-04	-5.24E-08	-1.58E-07	-9.16E-08	-4.28E-08	-3.88E-08	-1.77E-08	-3.50E-08	-1.75E-09	-4.22E-08	-9.32E-09	-5.81E-09	-9.22E-09	-1.62E-09	-2.31E-09	-7.23E-08
2835	474469.83, 3848732.25	1.13338	-1.43E-04	-6.70E-05	-1.32E-04	-4.96E-08	-1.50E-07	-8.68E-08	-4.06E-08	-3.68E-08	-1.68E-08	-3.31E-08	-1.66E-09	-4.00E-08	-8.83E-09	-5.51E-09	-8.73E-09	-1.54E-09	-2.19E-09	-6.85E-08
2836	474469.83, 3848757.25	1.07631	-1.36E-04	-6.36E-05	-1.26E-04	-4.71E-08	-1.42E-07	-8.24E-08	-3.85E-08	-3.49E-08	-1.59E-08	-3.15E-08	-1.57E-09	-3.80E-08	-8.39E-09	-5.23E-09	-8.29E-09	-1.46E-09	-2.07E-09	-6.50E-08
2837	474469.83, 3848782.25	1.0295	-1.30E-04	-6.09E-05	-1.20E-04	-4.51E-08	-1.36E-07	-7.88E-08	-3.68E-08	-3.34E-08	-1.52E-08	-3.01E-08	-1.51E-09	-3.64E-08	-8.02E-09	-5.00E-09	-7.93E-09	-1.40E-09	-1.98E-09	-6.22E-08
2838	474469.83, 3848807.25	0.98152	-1.24E-04	-5.80E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.51E-08	-3.51E-08	-3.18E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.65E-09	-4.77E-09	-7.56E-09	-1.33E-09	-1.89E-09	-5.93E-08
2839	474494.83, 3848432.25	4.32935	-5.48E-04	-2.56E-04	-5.06E-04	-1.90E-07	-5.72E-07	-3.31E-07	-1.55E-07	-1.40E-07	-6.41E-08	-1.27E-07	-6.33E-09	-1.53E-07	-3.37E-08	-2.10E-08	-3.34E-08	-5.88E-09	-8.35E-09	-2.62E-07
2840	474494.83, 3848457.25	3.58161	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.74E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.24E-09	-1.27E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.86E-09	-6.90E-09	-2.16E-07
2841	474494.83, 3848482.25	2.87299	-3.63E-04	-1.70E-04	-3.36E-04	-1.26E-07	-3.80E-07	-2.20E-07	-1.03E-07	-9.32E-08	-4.25E-08	-8.40E-08	-4.20E-09	-1.01E-07	-2.24E-08	-1.40E-08	-2.21E-08	-3.90E-09	-5.54E-09	-1.74E-07
2842	474494.83, 3848507.25	2.46258	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.81E-08	-7.99E-08	-3.64E-08	-7.20E-08	-3.60E-09	-8.70E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.34E-09	-4.75E-09	-1.49E-07
2843	474494.83, 3848532.25	2.18236	-2.76E-04	-1.29E-04	-2.55E-04	-9.56E-08	-2.89E-07	-1.67E-07	-7.81E-08	-7.08E-08	-3.23E-08	-6.38E-08	-3.19E-09	-7.71E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.96E-09	-4.21E-09	-1.32E-07
2844	474494.83, 3848557.25	1.96417	-2.48E-04	-1.16E-04	-2.29E-04	-8.60E-08	-2.60E-07	-1.50E-07	-7.03E-08	-6.37E-08	-2.91E-08	-5.74E-08	-2.87E-09	-6.94E-08	-1.53E-08	-9.54E-09	-1.51E-08	-2.67E-09	-3.79E-09	-1.19E-07
2845	474494.83, 3848582.25	1.78355	-2.26E-04	-1.05E-04	-2.08E-04	-7.81E-08	-2.36E-07	-1.37E-07	-6.38E-08	-5.78E-08	-2.64E-08	-5.21E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.66E-09	-1.37E-08	-2.42E-09	-3.44E-09	-1.08E-07
2846	474494.83, 3848607.25	1.63214	-2.06E-04	-9.65E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.29E-08	-2.42E-08	-4.77E-08	-2.39E-09	-5.77E-08	-1.27E-08	-7.93E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.86E-08
2847	474494.83, 3848632.25	1.51218	-1.91E-04	-8.94E-05	-1.77E-04	-6.62E-08	-2.00E-07	-1.16E-07	-5.41E-08	-4.90E-08	-2.24E-08	-4.42E-08	-2.21E-09	-5.34E-08	-1.18E-08	-7.35E-09	-1.17E-08	-2.05E-09	-2.92E-09	-9.14E-08
2848	474494.83, 3848657.25	1.41291	-1.79E-04	-8.36E-05	-1.65E-04	-6.19E-08	-1.87E-07	-1.08E-07	-5.06E-08	-4.58E-08	-2.09E-08	-4.13E-08	-2.07E-09	-4.99E-08	-1.10E-08	-6.86E-09	-1.09E-08	-1.92E-09	-2.72E-09	-8.54E-08
2849	474494.83, 3848682.25	1.32822	-1.68E-04	-7.85E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.75E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.45E-09	-1.02E-08	-1.80E-09	-2.56E-09	-8.03E-08
2850	474494.83, 3848707.25	1.25371	-1.59E-04	-7.41E-05	-1.46E-04	-5.49E-08	-1.66E-07	-9.60E-08	-4.49E-08	-4.07E-08	-1.86E-08	-3.66E-08	-1.83E-09	-4.43E-08	-9.77E-09	-6.09E-09	-9.66E-09	-1.70E-09	-2.42E-09	-7.58E-08
2851	474494.83, 3848732.25	1.18608	-1.50E-04	-7.01E-05	-1.39E-04	-5.19E-08	-1.57E-07	-9.08E-08	-4.24E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.73E-09	-4.19E-08	-9.25E-09	-5.76E-09	-9.14E-09	-1.61E-09	-2.29E-09	-7.17E-08
2852	474494.83, 3848757.25	1.12453	-1.42E-04	-6.65E-05	-1.31E-04	-4.92E-08	-1.49E-07	-8.61E-08	-4.02E-08	-3.65E-08	-1.66E-08	-3.29E-08	-1.64E-09	-3.97E-08	-8.77E-09	-5.46E-09	-8.67E-09	-1.53E-09	-2.17E-09	-6.80E-08
2853	474494.83, 3848782.25	1.06965	-1.35E-04	-6.33E-05	-1.25E-04	-4.68E-08	-1.41E-07	-8.19E-08	-3.83E-08	-3.47E-08	-1.58E-08	-3.13E-08	-1.56E-09	-3.78E-08	-8.34E-09	-5.20E-09	-8.24E-09	-1.45E-09	-2.06E-09	-6.46E-08
2854	474494.83, 3848807.25	1.022	-1.29E-04	-6.04E-05	-1.19E-04	-4.48E-08	-1.35E-07	-7.82E-08	-3.66E-08	-3.31E-08	-1.51E-08	-2.99E-08	-1.49E-09	-3.61E-08	-7.97E-09	-4.96E-09	-7.88E-09	-1.39E-09	-1.97E-09	-6.18E-08
2855	474494.83, 3848832.25	0.98137	-1.24E-04	-5.80E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.51E-08	-3.51E-08	-3.18E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.65E-09	-4.77E-09	-7.56E-09	-1.33E-09	-1.89E-09	-5.93E-08
2856	474519.83, 3848432.25	5.33871	-6.75E-04	-3.16E-04	-6.23E-04	-2.34E-07	-7.06E-07	-4.09E-07	-1.91E-07	-1.73E-07	-7.90E-08	-1.56E-07	-7.81E-09	-1.89E-07	-4.16E-08	-2.59E-08	-4.11E-08	-7.25E-09	-1.03E-08	-3.23E-07
2857	474519.83, 3848457.25	4.06361	-5.14E-04	-2.40E-04	-4.75E-04	-1.78E-07	-5.37E-07	-3.11E-07	-1.45E-07	-1.32E-07	-6.01E-08	-1.19E-07	-5.94E-09	-1.44E-07	-3.17E-08	-1.97E-08	-3.13E-08	-5.52E-09	-7.83E-09	-2.46E-07
2858	474519.83, 3848482.25	3.46073	-4.38E-04	-2.05E-04	-4.04E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.12E-08	-1.01E-07	-5.06E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.67E-09	-2.09E-07
2859	474519.83, 3848507.25	2.91522	-3.69E-04	-1.72E-04	-3.40E-04	-1.28E-07	-3.85E-07	-2.23E-07	-1.04E-07	-9.46E-08	-4.31E-08	-8.52E-08	-4.26E-09	-1.03E-07	-2.27E-08	-1.42E-08	-2.25E-08	-3.96E-09	-5.62E-09	-1.76E-07
2860	474519.83, 3848532.25	2.44377	-3.09E-04	-1.45E-04	-2.85E-04	-1.07E-07	-3.23E-07	-1.87E-07	-8.74E-08	-7.93E-08	-3.62E-08	-7.14E-08	-3.57E-09	-8.63E-08	-1.90E-08	-1.19E-08	-1.88E-08	-3.32E-09	-4.71E-09	-1.48E-07
2861	474519.83, 3848557.25	2.15198	-2.72E-04	-1.27E-04	-2.51E-04	-9.42E-08	-2.85E-07	-1.65E-07	-7.70E-08	-6.98E-08	-3.18E-08	-6.29E-08	-3.15E-09	-7.60E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.92E-09	-4.15E-09	-1.30E-07
2862	474519.83, 3848582.25	1.93917	-2.45E-04	-1.15E-04	-2.26E-04	-8.49E-08	-2.56E-07	-1.48E-07	-6.94E-08	-6.29E-08	-2.87E-08	-5.67E-08	-2.84E-09	-6.85E-08	-1.51E-08	-9.42E-09	-1.49E-08	-2.63E-09	-3.74E-09	-1.17E-07
2863	474519.83, 3848607.25	1.75825	-2.22E-04	-1.04E-04	-2.05E-04	-7.70E-08	-2.32E-07	-1.35E-07	-6.29E-08	-5.70E-08	-2.60E-08	-5.14E-08	-2.57E-09	-6.21E-08	-1.37E-08	-8.54E-09	-1.35E-08	-2.39E-09	-3.39E-09	-1.06E-07
2864	474519.83, 3848632.25	1.61553	-2.04E-04	-9.55E-05	-1.89E-04	-7.08E-08	-2.14E-07	-1.24E-07	-5.78E-08	-5.24E-08	-2.39E-08	-4.72E-08	-2.36E-09	-5.71E-08	-1.26E-08	-7.85E-09	-1.25E-08	-2.19E-09	-3.11E-09	-9.76E-08
2865	474519.83, 3848657.25	1.49775	-1.89E-04	-8.86E-05	-1.75E-04	-6.56E-08	-1.98E-07	-1.15E-07	-5.36E-08	-4.86E-08	-2.22E-08	-4.38E-08	-2.19E-09	-5.29E-08	-1.17E-08	-7.28E-09	-1.15E-08	-2.03E-09	-2.89E-09	-9.05E-08
2866	474519.83, 3848682.25	1.40101	-1.77E-04	-8.28E-05	-1.64E-04	-6.14E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.09E-08	-2.05E-09	-4.95E-08	-1.09E-08	-6.81E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.47E-08
2867	474519.83, 3848707.25	1.31817	-1.67E-04	-7.79E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.72E-08	-4.28E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.66E-08	-1.03E-08	-6.40E-09	-1.02E-08	-1.79E-09	-2.54E-09	-7.97E-08
2868	474519.83, 3848732.25	1.24366	-1.57E-04	-7.35E-05	-1.45E-04	-5.45E-08	-1.64E-07	-9.52E-08	-4.45E-08	-4.03E-08	-1.84E-08	-3.63E-08	-1.82E-09	-4.39E-08	-9.69E-09	-6.04E-09	-9.58E-09	-1.69E-09	-2.40E-09	-7.52E-08
2869	474519.83, 3848757.25	1.17604	-1.49E-04	-6.95E-05	-1.37E-04	-5.15E-08	-1.56E-07	-9.00E-08	-4.21E-08	-3.81E-08	-1.74E-08	-3.44E-08	-1.72E-09	-4.15E-08	-9.17E-09	-5.71E-09	-9.06E-09	-1.60E-09	-2.27E-09	-7.11E-08
2870	474519.83, 3848782.25	1.11679	-1.41E-04	-6.60E-05	-1.30E-04	-4.89E-08	-1.48E-07	-8.55E-08	-4.00E-08	-3.62E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.95E-08	-8.71E-09	-5.43E-09	-8.61E-09	-1.52E-09	-2.15E-09	-6.75E-08
2871	474519.83, 3848807.25	1.0641	-1.35E-04	-6.29E-05	-1.24E-04	-4.66E-08	-1.41E-07	-8.15E-08	-3.81E-08	-3.45E-08	-1.57E-08	-3.11E-08	-1.56E-09	-3.76E-08	-8.29E-09	-5.17E-09	-8.20E-09	-1.45E-09	-2.05E-09	-6.43E-08
2872	474519.83, 3848832.25	1.01759	-1.29E-04	-6.02E-05	-1.19E-04	-4.46E-08	-1.35E-07	-7.79E-08	-3.64E-08	-3.30E-08	-1.51E-08	-2.97E-08	-1.49E-09	-3.59E-08	-7.93E-09	-4.94E-09	-7.84E-09	-1.38E-09	-1.96E-09	-6.15E-08
2873	474519.83, 3848857.25	0.9754	-1.23E-04	-5.77E-05	-1.14E-04	-4.27E-08	-1.29E-07	-7.47E-08	-3.49E-08	-3.16E-08	-1.44E-08	-2.85E-08	-1.43E-09	-3.45E-08	-7.60E-09	-4.74E-09	-7.52E-09	-1.32E-09	-1.88E-09	-5.89E-08
2874	474544.83, 3848457.25	5.23941	-6.63E-04	-3.10E-04	-6.12E-04	-2.29E-07	-6.93E-07	-4.01E-07	-1.87E-07	-1.70E-07	-7.75E-08	-1.53E-07	-7.66E-09	-1.85E-07	-4.08E-08	-2.55E-08	-4.04E-08	-7.12E-09	-1.01E-08	-3.17E-07
2875	474544.83, 3848482.25	4.04205	-5.11E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.34E-07	-3.09E-07	-1.45E-07	-1.31E-07	-5.98E-08	-1.18E-07	-5.91E-09	-1.43E-07	-3.15E-08	-1.96E-08	-3.11E-08	-5.49E-09	-7.79E-09	-2.44E-07

2876	474544.83, 3848507.25	3.20264	-4.05E-04	-1.89E-04	-3.74E-04	-1.40E-07	-4.23E-07	-2.45E-07	-1.15E-07	-1.04E-07	-4.74E-08	-9.36E-08	-4.68E-09	-1.13E-07	-2.50E-08	-1.56E-08	-2.47E-08	-4.35E-09	-6.17E-09	-1.94E-07
2877	474544.83, 3848532.25	2.73223	-3.46E-04	-1.62E-04	-3.19E-04	-1.20E-07	-3.61E-07	-2.09E-07	-9.78E-08	-8.86E-08	-4.04E-08	-7.99E-08	-4.00E-09	-9.65E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.71E-09	-5.27E-09	-1.65E-07
2878	474544.83, 3848557.25	2.382	-3.01E-04	-1.41E-04	-2.78E-04	-1.04E-07	-3.15E-07	-1.82E-07	-8.52E-08	-7.73E-08	-3.53E-08	-6.96E-08	-3.48E-09	-8.41E-08	-1.86E-08	-1.16E-08	-1.84E-08	-3.24E-09	-4.59E-09	-1.44E-07
2879	474544.83, 3848582.25	2.11354	-2.67E-04	-1.25E-04	-2.47E-04	-9.26E-08	-2.79E-07	-1.62E-07	-7.56E-08	-6.86E-08	-3.13E-08	-6.18E-08	-3.09E-09	-7.47E-08	-1.65E-08	-1.03E-08	-1.63E-08	-2.87E-09	-4.07E-09	-1.28E-07
2880	474544.83, 3848607.25	1.90845	-2.41E-04	-1.13E-04	-2.23E-04	-8.36E-08	-2.52E-07	-1.46E-07	-6.83E-08	-6.19E-08	-2.82E-08	-5.58E-08	-2.79E-09	-6.74E-08	-1.49E-08	-9.27E-09	-1.47E-08	-2.59E-09	-3.68E-09	-1.15E-07
2881	474544.83, 3848632.25	1.73286	-2.19E-04	-1.02E-04	-2.02E-04	-7.59E-08	-2.29E-07	-1.33E-07	-6.20E-08	-5.62E-08	-2.56E-08	-5.06E-08	-2.53E-09	-6.12E-08	-1.35E-08	-8.42E-09	-1.34E-08	-2.35E-09	-3.34E-09	-1.05E-07
2882	474544.83, 3848657.25	1.59572	-2.02E-04	-9.44E-05	-1.86E-04	-6.99E-08	-2.11E-07	-1.22E-07	-5.71E-08	-5.18E-08	-2.36E-08	-4.66E-08	-2.33E-09	-5.64E-08	-1.24E-08	-7.75E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.64E-08
2883	474544.83, 3848682.25	1.48406	-1.88E-04	-8.78E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.81E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
2884	474544.83, 3848707.25	1.38979	-1.76E-04	-8.22E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.97E-08	-4.51E-08	-2.06E-08	-4.06E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.75E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.40E-08
2885	474544.83, 3848732.25	1.3077	-1.65E-04	-7.73E-05	-1.53E-04	-5.73E-08	-1.73E-07	-1.00E-07	-4.68E-08	-4.24E-08	-1.94E-08	-3.82E-08	-1.91E-09	-4.62E-08	-1.02E-08	-6.35E-09	-1.01E-08	-1.78E-09	-2.52E-09	-7.90E-08
2886	474544.83, 3848757.25	1.23496	-1.56E-04	-7.30E-05	-1.44E-04	-5.41E-08	-1.63E-07	-9.45E-08	-4.42E-08	-4.01E-08	-1.83E-08	-3.61E-08	-1.81E-09	-4.36E-08	-9.63E-09	-6.00E-09	-9.52E-09	-1.68E-09	-2.38E-09	-7.46E-08
2887	474544.83, 3848782.25	1.16712	-1.48E-04	-6.90E-05	-1.36E-04	-5.11E-08	-1.54E-07	-8.93E-08	-4.18E-08	-3.79E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.12E-08	-9.10E-09	-5.67E-09	-8.99E-09	-1.59E-09	-2.25E-09	-7.05E-08
2888	474544.83, 3848807.25	1.10804	-1.40E-04	-6.55E-05	-1.29E-04	-4.85E-08	-1.47E-07	-8.48E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.24E-08	-1.62E-09	-3.91E-08	-8.64E-09	-5.38E-09	-8.54E-09	-1.50E-09	-2.14E-09	-6.70E-08
2889	474544.83, 3848832.25	1.05719	-1.34E-04	-6.25E-05	-1.23E-04	-4.63E-08	-1.40E-07	-8.09E-08	-3.78E-08	-3.43E-08	-1.56E-08	-3.09E-08	-1.55E-09	-3.73E-08	-8.24E-09	-5.14E-09	-8.15E-09	-1.44E-09	-2.04E-09	-6.39E-08
2890	474544.83, 3848857.25	1.01172	-1.28E-04	-5.98E-05	-1.18E-04	-4.43E-08	-1.34E-07	-7.74E-08	-3.62E-08	-3.28E-08	-1.50E-08	-2.96E-08	-1.48E-09	-3.57E-08	-7.89E-09	-4.91E-09	-7.80E-09	-1.37E-09	-1.95E-09	-6.11E-08
2891	474544.83, 3848882.25	0.96496	-1.22E-04	-5.71E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.39E-08	-3.45E-08	-3.13E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.41E-08	-7.52E-09	-4.69E-09	-7.44E-09	-1.31E-09	-1.86E-09	-5.83E-08
2892	474569.83, 3848482.25	4.95084	-6.26E-04	-2.93E-04	-5.78E-04	-2.17E-07	-6.55E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.33E-08	-1.45E-07	-7.24E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.72E-09	-9.54E-09	-2.99E-07
2893	474569.83, 3848507.25	3.76631	-4.76E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.98E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.51E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.90E-08	-5.12E-09	-7.26E-09	-2.28E-07
2894	474569.83, 3848532.25	3.11213	-3.94E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.12E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.61E-08	-9.10E-08	-4.55E-09	-1.10E-07	-2.43E-08	-1.51E-08	-2.40E-08	-4.23E-09	-6.00E-09	-1.88E-07
2895	474569.83, 3848557.25	2.67354	-3.38E-04	-1.58E-04	-3.12E-04	-1.17E-07	-3.54E-07	-2.05E-07	-9.57E-08	-8.67E-08	-3.96E-08	-7.81E-08	-3.91E-09	-9.44E-08	-2.08E-08	-1.30E-08	-2.06E-08	-3.63E-09	-5.15E-09	-1.62E-07
2896	474569.83, 3848582.25	2.34381	-2.97E-04	-1.39E-04	-2.74E-04	-1.03E-07	-3.10E-07	-1.79E-07	-8.39E-08	-7.60E-08	-3.47E-08	-6.85E-08	-3.43E-09	-8.28E-08	-1.83E-08	-1.14E-08	-1.81E-08	-3.18E-09	-4.52E-09	-1.42E-07
2897	474569.83, 3848607.25	2.08399	-2.64E-04	-1.23E-04	-2.43E-04	-9.13E-08	-2.76E-07	-1.60E-07	-7.46E-08	-6.76E-08	-3.08E-08	-6.09E-08	-3.05E-09	-7.36E-08	-1.62E-08	-1.01E-08	-1.61E-08	-2.83E-09	-4.02E-09	-1.26E-07
2898	474569.83, 3848632.25	1.89027	-2.39E-04	-1.12E-04	-2.21E-04	-8.28E-08	-2.50E-07	-1.45E-07	-6.76E-08	-6.13E-08	-2.80E-08	-5.52E-08	-2.76E-09	-6.68E-08	-1.47E-08	-9.18E-09	-1.46E-08	-2.57E-09	-3.64E-09	-1.14E-07
2899	474569.83, 3848657.25	1.71348	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.27E-07	-1.31E-07	-6.13E-08	-5.56E-08	-2.54E-08	-5.01E-08	-2.51E-09	-6.05E-08	-1.34E-08	-8.32E-09	-1.32E-08	-2.33E-09	-3.30E-09	-1.04E-07
2900	474569.83, 3848682.25	1.57846	-2.00E-04	-9.33E-05	-1.84E-04	-6.91E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.61E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.14E-09	-3.04E-09	-9.54E-08
2901	474569.83, 3848707.25	1.47015	-1.86E-04	-8.69E-05	-1.72E-04	-6.44E-08	-1.94E-07	-1.13E-07	-5.26E-08	-4.77E-08	-2.18E-08	-4.30E-08	-2.15E-09	-5.19E-08	-1.15E-08	-7.14E-09	-1.13E-08	-2.00E-09	-2.83E-09	-8.88E-08
2902	474569.83, 3848732.25	1.37808	-1.74E-04	-8.15E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.33E-08
2903	474569.83, 3848757.25	1.29702	-1.64E-04	-7.67E-05	-1.51E-04	-5.68E-08	-1.72E-07	-9.93E-08	-4.64E-08	-4.21E-08	-1.92E-08	-3.79E-08	-1.90E-09	-4.58E-08	-1.01E-08	-6.30E-09	-1.00E-08	-1.76E-09	-2.50E-09	-7.84E-08
2904	474569.83, 3848782.25	1.22487	-1.55E-04	-7.24E-05	-1.43E-04	-5.36E-08	-1.62E-07	-9.38E-08	-4.38E-08	-3.97E-08	-1.81E-08	-3.58E-08	-1.79E-09	-4.33E-08	-9.55E-09	-5.95E-09	-9.44E-09	-1.66E-09	-2.36E-09	-7.40E-08
2905	474569.83, 3848807.25	1.15868	-1.47E-04	-6.85E-05	-1.35E-04	-5.07E-08	-1.53E-07	-8.87E-08	-4.15E-08	-3.76E-08	-1.71E-08	-3.39E-08	-1.69E-09	-4.09E-08	-9.03E-09	-5.63E-09	-8.93E-09	-1.57E-09	-2.23E-09	-7.00E-08
2906	474569.83, 3848832.25	1.09925	-1.39E-04	-6.50E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.41E-08	-3.93E-08	-3.57E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.57E-09	-5.34E-09	-8.47E-09	-1.49E-09	-2.12E-09	-6.64E-08
2907	474569.83, 3848857.25	1.04736	-1.33E-04	-6.19E-05	-1.22E-04	-4.59E-08	-1.38E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.16E-09	-5.09E-09	-8.07E-09	-1.42E-09	-2.02E-09	-6.33E-08
2908	474569.83, 3848882.25	1.00297	-1.27E-04	-5.93E-05	-1.17E-04	-4.39E-08	-1.33E-07	-7.68E-08	-3.59E-08	-3.25E-08	-1.48E-08	-2.93E-08	-1.47E-09	-3.54E-08	-7.82E-09	-4.87E-09	-7.73E-09	-1.36E-09	-1.93E-09	-6.06E-08
2909	474569.83, 3848907.25	0.95495	-1.21E-04	-5.65E-05	-1.12E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
2910	474594.83, 3848507.25	4.76673	-6.03E-04	-2.82E-04	-5.57E-04	-2.09E-07	-6.30E-07	-3.65E-07	-1.71E-07	-1.55E-07	-7.05E-08	-1.39E-07	-6.97E-09	-1.68E-07	-3.72E-08	-2.32E-08	-3.67E-08	-6.47E-09	-9.19E-09	-2.88E-07
2911	474594.83, 3848532.25	3.70185	-4.68E-04	-2.19E-04	-4.32E-04	-1.62E-07	-4.90E-07	-2.83E-07	-1.32E-07	-1.20E-07	-5.48E-08	-1.08E-07	-5.41E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.85E-08	-5.03E-09	-7.14E-09	-2.24E-07
2912	474594.83, 3848557.25	3.03813	-3.84E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.85E-08	-4.50E-08	-8.88E-08	-4.44E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.86E-09	-1.84E-07
2913	474594.83, 3848582.25	2.59948	-3.29E-04	-1.54E-04	-3.04E-04	-1.14E-07	-3.44E-07	-1.99E-07	-9.30E-08	-8.43E-08	-3.85E-08	-7.60E-08	-3.80E-09	-9.18E-08	-2.03E-08	-1.26E-08	-2.00E-08	-3.53E-09	-5.01E-09	-1.57E-07
2914	474594.83, 3848607.25	2.29192	-2.90E-04	-1.36E-04	-2.68E-04	-1.00E-07	-3.03E-07	-1.75E-07	-8.20E-08	-7.43E-08	-3.39E-08	-6.70E-08	-3.35E-09	-8.10E-08	-1.79E-08	-1.11E-08	-1.77E-08	-3.11E-09	-4.42E-09	-1.39E-07
2915	474594.83, 3848632.25	2.0527	-2.60E-04	-1.21E-04	-2.40E-04	-8.99E-08	-2.71E-07	-1.57E-07	-7.34E-08	-6.66E-08	-3.04E-08	-6.00E-08	-3.00E-09	-7.25E-08	-1.60E-08	-9.97E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
2916	474594.83, 3848657.25	1.85218	-2.34E-04	-1.10E-04	-2.16E-04	-8.11E-08	-2.45E-07	-1.42E-07	-6.63E-08	-6.01E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.54E-08	-1.44E-08	-9.00E-09	-1.43E-08	-2.52E-09	-3.57E-09	-1.12E-07
2917	474594.83, 3848682.25	1.69225	-2.14E-04	-1.00E-04	-1.98E-04	-7.41E-08	-2.24E-07	-1.30E-07	-6.05E-08	-5.49E-08	-2.50E-08	-4.95E-08	-2.47E-09	-5.98E-08	-1.32E-08	-8.22E-09	-1.30E-08	-2.30E-09	-3.26E-09	-1.02E-07
2918	474594.83, 3848707.25	1.56339	-1.98E-04	-9.24E-05	-1.83E-04	-6.85E-08	-2.07E-07	-1.20E-07	-5.59E-08	-5.07E-08	-2.31E-08	-4.57E-08	-2.29E-09	-5.52E-08	-1.22E-08	-7.59E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.45E-08
2919	474594.83, 3848732.25	1.45704	-1.84E-04	-8.62E-05	-1.70E-04	-6.38E-08	-1.93E-07	-1.12E-07	-5.21E-08	-4.73E-08	-2.16E-08	-4.26E-08	-2.13E-09	-5.15E-08	-1.14E-08	-7.08E-09	-1.12E-08	-1.98E-09	-2.81E-09	-8.81E-08
2920	474594.83, 3848757.25	1.36439	-1.73E-04	-8.07E-05	-1.59E-04	-5.98E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.43E-08	-2.02E-08	-3.99E-08	-2.00E-09	-4.82E-08	-1.06E-08	-6.63E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.25E-08
2921	474594.83, 3848782.25	1.28589	-1.63E-04	-7.60E-05	-1.50E-04	-5.63E-08	-1.70E-07	-9.84E-08	-4.60E-08	-4.17E-08	-1.90E-08	-3.76E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.25E-09	-9.91E-09	-1.75E-09	-2.48E-09	-7.77E-08
2922	474594.83, 3848807.25	1.21589	-1.54E-04	-7.19E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.31E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.30E-08	-9.48E-09	-5.91E-09	-9.37E-09	-1.65E-09	-2.34E-09	-7.35E-08
2923	474594.83, 3848832.25	1.15045	-1.46E-04	-6.80E-05	-1.34E-04	-5.04E-08	-1.52E-07	-8.81E-08	-4.12E-08	-3.73E-08	-1.70E-08	-3.36E-08	-1.68E-09	-4.06E-08	-8.97E-09	-5.59E-09	-8.87E-09	-1.56E-09	-2.22E-09	-6.95E-08
2924	474594.83, 3848857.25	1.09024	-1.38E-04	-6.45E-05	-1.27E-04	-4.77E-08	-1.44E-07	-8.35E-08	-3.90E-08	-3.54E-08	-1.61E-08	-3.19E-08	-1.59E-09	-3.85E-08	-8.50E-09	-5.30E-09	-8.40E-09	-1.48E-09	-2.10E-09	-6.59E-08
2925	474594.83, 3848882.25	1.03947	-1.32E-04	-6.15E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.96E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.10E-09	-5.05E-09	-8.01E-09	-1.41E-09	-2.00E-09	-6.28E-08
2926	474594.83, 3848907.25	0.99933	-1.26E-04	-5.91E-05	-1.17E-04	-4.38E-08	-1.32E-07	-7.65E-08	-3.58E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.53E-08	-7.79E-09	-4.85E-09	-7.70E-09	-1.36E-09	-1.93E-09	-6.04E-08
2927	474619.83, 3848532.25	4.44969	-5.63E-04	-2.63E-04	-5.20E-04	-1.95E-07	-5.88E-07	-3.41E-07	-1.59E-07	-1.44E-07	-6.59E-08	-1.30E-07	-6.51E-09	-1.57E-07	-3.47E-08	-2.16E-08	-3.43E-08	-6.04E-09	-8.58E-09	-2.69E-07
2928	474619.83, 3848557.25	3.5163	-4.45E-04	-2.08E-04	-4.11E-04	-1.54E-07	-4.65E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.20E-08	-1.03E-07	-5.14E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.78E-09	-6.78E-09	-2.13E-07
2929	474619.83, 3848582.25	2.95402	-3.74E-04	-1.75E-04	-3.45E-04	-1.29E-07	-3.91E-07	-2.26E-07	-1.06E-07	-9.58E-08	-4.37E-08	-8.63E-08	-4.32E-09	-1.04E-07	-2.30E-08	-1.44E-08	-2.28E-08	-4.01E-09	-5.69E-09	-1.79E-07
2930	474619.83, 3848607.25	2.56208	-3.24E-04	-1.52E-04	-2.99E-04	-1.12E-07	-3.39E-07	-1.96E-07	-9.17E-08	-8.31E-08	-3.79E-08	-7.49E-08	-3.75E-09	-9.05E-08	-2.00E-08	-1.24E-08	-1.97E-08	-3.48E-09	-4.94E-09	-1.55E-07
2931	474619.83, 3848632.25	2.25176	-2.85E-04	-1.33E-04	-2.63E-04	-9.86E-08	-2.98E-07	-1.72E-07	-8.06E-08	-7.30E-08	-3.33E-08	-6.58E-08	-3.29E-09	-7.95E-08	-1.76E-08	-1.09E-08	-1.74E-08	-3.06E-09	-4.34E-09	-1.36E-07
2932	474619.83, 3848657.25	2.0294	-2.57E-04	-1.20E-04	-2.37E-04	-8.89E-08	-2.68E-07	-1.55E-07	-7.26E-08	-6.58E-08	-3.00E-08	-5.93E-08	-2.97E-09	-7.17E-08	-1.58E-08	-9.86E-09	-1.56E-08	-2.76E-09	-3.91E-09	-1.23E-07
2933	474619.83, 3848682.25	1.841	-2.33E-04	-1.09E-04	-2.15E-04	-8.06E-08	-2.43E-07	-1.41E-07	-6.59E-08	-5.97E-08	-2.72E-08	-5.38E-08	-2.69E-09	-6.50E-08	-1.44E-08	-8.94E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
2934	474619.83, 3848707.25	1.68109	-2.13E-04	-9.94E-05	-1.96E-04	-7.36E-08	-2.22E-07	-1.29E-07	-6.01E-08	-5.45E-08	-2.49E-08	-4.91E-08	-2.46E-09	-5.94E-08	-1.31E-08	-8.17E-09	-1.30E-08	-2.28E-09	-3.24E-09	-1.02E-07
2935	474619.83, 3848732.25	1.55063	-1.96E-04	-9.17E-05	-1.81E-04	-6.79E-08	-2.05E-07	-1.19E-07	-5.55E-08	-5.03E-08	-2.29E-08	-4.53E-08	-2.27E-09	-5.48E-08	-1.21E-08	-7.53E-09	-1.19E-08	-2.11E-09	-2.99E-09	-9.37E-08
2936	474619.83, 3848757.25	1.45342	-1.84E-04	-8.59E-05	-1.70E-04	-6.37E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.13E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
2937	474619.83, 3848782.25	1.36729	-1.73E-04	-8.09E-05	-1.60E-04	-5.99E-08	-1.81E-07	-1.05E-07	-4.89E-08	-4.43E-08	-2.02E-08	-4.00E-08	-2.00E-09	-4.83E-08	-1.07E-08	-6.64E-09	-1.05E-08	-1.86E-09	-2.64E-09	-8.26E-08
2938	474619.83, 3848807.25	1.28994	-1.63E-04	-7.63E-05	-1.51E-04	-5.65E-08	-1.71E-07	-9.87E-08	-4.62E-08	-4.18E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.94E-09	-1.75E-09	-2.49E-09	-7.80E-08
2939	474619.83, 3848832.25	1.22004	-1.54E-04	-7.21E-05	-1.42E-04	-5.34E-08	-1.61E-07	-9.34E-08	-4.37E-08	-3.96E-08	-1.81E-08	-3.57E-08	-1.78E-09	-4.31E-08	-9.51E-09	-5.93E-09	-9.40E-09	-1.66E-09	-2.35E-09	-7.37E-08

2940	474619.83, 3848857.25	1.15485	-1.46E-04	-6.83E-05	-1.35E-04	-5.06E-08	-1.53E-07	-8.84E-08	-4.13E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.08E-08	-9.00E-09	-5.61E-09	-8.90E-09	-1.57E-09	-2.23E-09	-6.98E-08
2941	474619.83, 3848882.25	1.0916	-1.38E-04	-6.46E-05	-1.27E-04	-4.78E-08	-1.44E-07	-8.36E-08	-3.91E-08	-3.54E-08	-1.62E-08	-3.19E-08	-1.60E-09	-3.86E-08	-8.51E-09	-5.30E-09	-8.41E-09	-1.48E-09	-2.10E-09	-6.60E-08
2942	474619.83, 3848907.25	1.04233	-1.32E-04	-6.16E-05	-1.22E-04	-4.56E-08	-1.38E-07	-7.98E-08	-3.73E-08	-3.38E-08	-1.54E-08	-3.05E-08	-1.52E-09	-3.68E-08	-8.12E-09	-5.06E-09	-8.03E-09	-1.42E-09	-2.01E-09	-6.30E-08
2943	474619.83, 3848932.25	0.99658	-1.26E-04	-5.89E-05	-1.16E-04	-4.36E-08	-1.32E-07	-7.63E-08	-3.57E-08	-3.23E-08	-1.47E-08	-2.91E-08	-1.46E-09	-3.52E-08	-7.77E-09	-4.84E-09	-7.68E-09	-1.35E-09	-1.92E-09	-6.02E-08
2944	474644.83, 3848557.25	4.31409	-5.46E-04	-2.55E-04	-5.04E-04	-1.89E-07	-5.70E-07	-3.30E-07	-1.54E-07	-1.40E-07	-6.38E-08	-1.26E-07	-6.31E-09	-1.52E-07	-3.36E-08	-2.10E-08	-3.32E-08	-5.86E-09	-8.32E-09	-2.61E-07
2945	474644.83, 3848582.25	3.48734	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.74E-09	-6.72E-09	-2.11E-07
2946	474644.83, 3848607.25	2.98345	-3.77E-04	-1.76E-04	-3.48E-04	-1.31E-07	-3.95E-07	-2.28E-07	-1.07E-07	-9.68E-08	-4.42E-08	-8.72E-08	-4.36E-09	-1.05E-07	-2.33E-08	-1.45E-08	-2.30E-08	-4.05E-09	-5.75E-09	-1.80E-07
2947	474644.83, 3848632.25	2.54275	-3.22E-04	-1.50E-04	-2.97E-04	-1.11E-07	-3.36E-07	-1.95E-07	-9.10E-08	-8.25E-08	-3.76E-08	-7.43E-08	-3.72E-09	-8.98E-08	-1.98E-08	-1.24E-08	-1.96E-08	-3.45E-09	-4.90E-09	-1.54E-07
2948	474644.83, 3848657.25	2.24306	-2.84E-04	-1.33E-04	-2.62E-04	-9.82E-08	-2.97E-07	-1.72E-07	-8.03E-08	-7.28E-08	-3.32E-08	-6.56E-08	-3.28E-09	-7.92E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.32E-09	-1.36E-07
2949	474644.83, 3848682.25	2.02918	-2.57E-04	-1.20E-04	-2.37E-04	-8.89E-08	-2.68E-07	-1.55E-07	-7.26E-08	-6.58E-08	-3.00E-08	-5.93E-08	-2.97E-09	-7.17E-08	-1.58E-08	-9.86E-09	-1.56E-08	-2.76E-09	-3.91E-09	-1.23E-07
2950	474644.83, 3848707.25	1.84983	-2.34E-04	-1.09E-04	-2.16E-04	-8.10E-08	-2.45E-07	-1.42E-07	-6.62E-08	-6.00E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.53E-08	-1.44E-08	-8.99E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
2951	474644.83, 3848732.25	1.6918	-2.14E-04	-1.00E-04	-1.98E-04	-7.41E-08	-2.24E-07	-1.30E-07	-6.05E-08	-5.49E-08	-2.50E-08	-4.94E-08	-2.47E-09	-5.98E-08	-1.32E-08	-8.22E-09	-1.30E-08	-2.30E-09	-3.26E-09	-1.02E-07
2952	474644.83, 3848757.25	1.58018	-2.00E-04	-9.34E-05	-1.85E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.13E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.68E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.55E-08
2953	474644.83, 3848782.25	1.47711	-1.87E-04	-8.73E-05	-1.73E-04	-6.47E-08	-1.95E-07	-1.13E-07	-5.29E-08	-4.79E-08	-2.19E-08	-4.32E-08	-2.16E-09	-5.22E-08	-1.15E-08	-7.18E-09	-1.14E-08	-2.01E-09	-2.85E-09	-8.93E-08
2954	474644.83, 3848807.25	1.37884	-1.74E-04	-8.15E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.06E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.07E-08	-6.70E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.33E-08
2955	474644.83, 3848832.25	1.28999	-1.63E-04	-7.63E-05	-1.51E-04	-5.65E-08	-1.71E-07	-9.87E-08	-4.62E-08	-4.18E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.94E-09	-1.75E-09	-2.49E-09	-7.80E-08
2956	474644.83, 3848857.25	1.21446	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2957	474644.83, 3848882.25	1.15485	-1.46E-04	-6.83E-05	-1.35E-04	-5.06E-08	-1.53E-07	-8.84E-08	-4.13E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.08E-08	-9.00E-09	-5.61E-09	-8.90E-09	-1.57E-09	-2.23E-09	-6.98E-08
2958	474644.83, 3848907.25	1.09393	-1.38E-04	-6.47E-05	-1.28E-04	-4.79E-08	-1.45E-07	-8.37E-08	-3.91E-08	-3.55E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.86E-08	-8.53E-09	-5.31E-09	-8.43E-09	-1.49E-09	-2.11E-09	-6.61E-08
2959	474644.83, 3848932.25	1.08611	-1.37E-04	-6.42E-05	-1.27E-04	-4.76E-08	-1.44E-07	-8.31E-08	-3.89E-08	-3.52E-08	-1.61E-08	-3.17E-08	-1.59E-09	-3.84E-08	-8.47E-09	-5.28E-09	-8.37E-09	-1.48E-09	-2.09E-09	-6.56E-08
2960	474644.83, 3848957.25	1.08278	-1.37E-04	-6.40E-05	-1.26E-04	-4.74E-08	-1.43E-07	-8.29E-08	-3.87E-08	-3.51E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.44E-09	-5.26E-09	-8.34E-09	-1.47E-09	-2.09E-09	-6.54E-08
2961	474669.83, 3848582.25	4.22359	-5.34E-04	-2.50E-04	-4.93E-04	-1.85E-07	-5.58E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.25E-08	-1.23E-07	-6.18E-09	-1.49E-07	-3.29E-08	-2.05E-08	-3.25E-08	-5.74E-09	-8.14E-09	-2.55E-07
2962	474669.83, 3848607.25	3.43765	-4.35E-04	-2.03E-04	-4.01E-04	-1.51E-07	-4.55E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.09E-08	-1.00E-07	-5.03E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.65E-08	-4.67E-09	-6.63E-09	-2.08E-07
2963	474669.83, 3848632.25	2.87644	-3.64E-04	-1.70E-04	-3.36E-04	-1.26E-07	-3.80E-07	-2.20E-07	-1.03E-07	-9.33E-08	-4.26E-08	-8.41E-08	-4.21E-09	-1.02E-07	-2.24E-08	-1.40E-08	-2.22E-08	-3.91E-09	-5.55E-09	-1.74E-07
2964	474669.83, 3848657.25	2.49303	-3.15E-04	-1.47E-04	-2.91E-04	-1.09E-07	-3.30E-07	-1.91E-07	-8.92E-08	-8.09E-08	-3.69E-08	-7.29E-08	-3.65E-09	-8.81E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.39E-09	-4.81E-09	-1.51E-07
2965	474669.83, 3848682.25	2.24086	-2.83E-04	-1.33E-04	-2.62E-04	-9.81E-08	-2.96E-07	-1.72E-07	-8.02E-08	-7.27E-08	-3.32E-08	-6.55E-08	-3.28E-09	-7.92E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.04E-09	-4.32E-09	-1.35E-07
2966	474669.83, 3848707.25	2.03642	-2.58E-04	-1.20E-04	-2.38E-04	-8.92E-08	-2.69E-07	-1.56E-07	-7.29E-08	-6.61E-08	-3.01E-08	-5.95E-08	-2.98E-09	-7.19E-08	-1.59E-08	-9.89E-09	-1.57E-08	-2.77E-09	-3.93E-09	-1.23E-07
2967	474669.83, 3848732.25	1.84666	-2.34E-04	-1.09E-04	-2.16E-04	-8.09E-08	-2.44E-07	-1.41E-07	-6.61E-08	-5.99E-08	-2.73E-08	-5.40E-08	-2.70E-09	-6.52E-08	-1.44E-08	-8.97E-09	-1.42E-08	-2.51E-09	-3.56E-09	-1.12E-07
2968	474669.83, 3848757.25	1.70571	-2.16E-04	-1.01E-04	-1.99E-04	-7.47E-08	-2.26E-07	-1.31E-07	-6.10E-08	-5.53E-08	-2.52E-08	-4.99E-08	-2.49E-09	-6.03E-08	-1.33E-08	-8.29E-09	-1.31E-08	-2.32E-09	-3.29E-09	-1.03E-07
2969	474669.83, 3848782.25	1.5841	-2.00E-04	-9.37E-05	-1.85E-04	-6.94E-08	-2.09E-07	-1.21E-07	-5.67E-08	-5.14E-08	-2.34E-08	-4.63E-08	-2.32E-09	-5.60E-08	-1.23E-08	-7.70E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.57E-08
2970	474669.83, 3848807.25	1.46634	-1.86E-04	-8.67E-05	-1.71E-04	-6.42E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.14E-09	-5.18E-08	-1.14E-08	-7.12E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.86E-08
2971	474669.83, 3848832.25	1.36808	-1.73E-04	-8.09E-05	-1.60E-04	-5.99E-08	-1.81E-07	-1.05E-07	-4.90E-08	-4.44E-08	-2.02E-08	-4.00E-08	-2.00E-09	-4.83E-08	-1.07E-08	-6.65E-09	-1.05E-08	-1.86E-09	-2.64E-09	-8.27E-08
2972	474669.83, 3848857.25	1.28747	-1.63E-04	-7.61E-05	-1.50E-04	-5.64E-08	-1.70E-07	-9.86E-08	-4.61E-08	-4.18E-08	-1.91E-08	-3.76E-08	-1.88E-09	-4.55E-08	-1.00E-08	-6.25E-09	-9.92E-09	-1.75E-09	-2.48E-09	-7.78E-08
2973	474669.83, 3848882.25	1.21491	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
2974	474669.83, 3848907.25	1.15842	-1.47E-04	-6.85E-05	-1.35E-04	-5.07E-08	-1.53E-07	-8.87E-08	-4.14E-08	-3.76E-08	-1.71E-08	-3.39E-08	-1.69E-09	-4.09E-08	-9.03E-09	-5.63E-09	-8.93E-09	-1.57E-09	-2.23E-09	-7.00E-08
2975	474669.83, 3848932.25	1.26237	-1.60E-04	-7.46E-05	-1.47E-04	-5.53E-08	-1.67E-07	-9.66E-08	-4.52E-08	-4.09E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.46E-08	-9.84E-09	-6.13E-09	-9.73E-09	-1.71E-09	-2.43E-09	-7.63E-08
2976	474669.83, 3848957.25	1.20464	-1.52E-04	-7.12E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.22E-08	-4.31E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.26E-08	-9.39E-09	-5.85E-09	-9.28E-09	-1.64E-09	-2.32E-09	-7.28E-08
2977	474669.83, 3848982.25	1.11383	-1.41E-04	-6.59E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.53E-08	-3.99E-08	-3.61E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.93E-08	-8.68E-09	-5.41E-09	-8.58E-09	-1.51E-09	-2.15E-09	-6.73E-08
2978	474694.83, 3848582.25	5.44411	-6.89E-04	-3.22E-04	-6.36E-04	-2.38E-07	-7.20E-07	-4.17E-07	-1.95E-07	-1.77E-07	-8.06E-08	-1.59E-07	-7.96E-09	-1.92E-07	-4.24E-08	-2.64E-08	-4.20E-08	-7.39E-09	-1.05E-08	-3.29E-07
2979	474694.83, 3848607.25	4.103	-5.19E-04	-2.43E-04	-4.79E-04	-1.80E-07	-5.43E-07	-3.14E-07	-1.47E-07	-1.33E-07	-6.07E-08	-1.20E-07	-6.00E-09	-1.45E-07	-3.20E-08	-1.99E-08	-3.16E-08	-5.57E-09	-7.91E-09	-2.48E-07
2980	474694.83, 3848632.25	3.32103	-4.20E-04	-1.96E-04	-3.88E-04	-1.45E-07	-4.39E-07	-2.54E-07	-1.19E-07	-1.08E-07	-4.92E-08	-9.71E-08	-4.86E-09	-1.17E-07	-2.59E-08	-1.61E-08	-2.56E-08	-4.51E-09	-6.40E-09	-2.01E-07
2981	474694.83, 3848657.25	2.84049	-3.59E-04	-1.68E-04	-3.32E-04	-1.24E-07	-3.76E-07	-2.17E-07	-1.02E-07	-9.21E-08	-4.20E-08	-8.30E-08	-4.15E-09	-1.00E-07	-2.21E-08	-1.38E-08	-2.19E-08	-3.86E-09	-5.48E-09	-1.72E-07
2982	474694.83, 3848682.25	2.48463	-3.14E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.89E-08	-8.06E-08	-3.68E-08	-7.26E-08	-3.63E-09	-8.78E-08	-1.94E-08	-1.21E-08	-1.91E-08	-3.37E-09	-4.79E-09	-1.50E-07
2983	474694.83, 3848707.25	2.21966	-2.81E-04	-1.31E-04	-2.59E-04	-9.72E-08	-2.94E-07	-1.70E-07	-7.94E-08	-7.20E-08	-3.29E-08	-6.49E-08	-3.25E-09	-7.84E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.01E-09	-4.28E-09	-1.34E-07
2984	474694.83, 3848732.25	2.01949	-2.55E-04	-1.19E-04	-2.36E-04	-8.84E-08	-2.67E-07	-1.55E-07	-7.23E-08	-6.55E-08	-2.99E-08	-5.90E-08	-2.95E-09	-7.13E-08	-1.57E-08	-9.81E-09	-1.56E-08	-2.74E-09	-3.89E-09	-1.22E-07
2985	474694.83, 3848757.25	1.84664	-2.34E-04	-1.09E-04	-2.16E-04	-8.09E-08	-2.44E-07	-1.41E-07	-6.61E-08	-5.99E-08	-2.73E-08	-5.40E-08	-2.70E-09	-6.52E-08	-1.44E-08	-8.97E-09	-1.42E-08	-2.51E-09	-3.56E-09	-1.12E-07
2986	474694.83, 3848782.25	1.69814	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.96E-08	-2.48E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.27E-09	-1.03E-07
2987	474694.83, 3848807.25	1.56627	-1.98E-04	-9.26E-05	-1.83E-04	-6.86E-08	-2.07E-07	-1.20E-07	-5.60E-08	-5.08E-08	-2.32E-08	-4.58E-08	-2.29E-09	-5.53E-08	-1.22E-08	-7.61E-09	-1.21E-08	-2.13E-09	-3.02E-09	-9.47E-08
2988	474694.83, 3848832.25	1.45349	-1.84E-04	-8.60E-05	-1.70E-04	-6.37E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.13E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
2989	474694.83, 3848857.25	1.36064	-1.72E-04	-8.05E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.41E-08	-2.01E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.61E-09	-1.05E-08	-1.85E-09	-2.62E-09	-8.22E-08
2990	474694.83, 3848882.25	1.28993	-1.63E-04	-7.63E-05	-1.51E-04	-5.65E-08	-1.71E-07	-9.87E-08	-4.62E-08	-4.18E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.94E-09	-1.75E-09	-2.49E-09	-7.80E-08
2991	474694.83, 3848907.25	1.29146	-1.63E-04	-7.64E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.89E-08	-4.62E-08	-4.19E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.95E-09	-1.75E-09	-2.49E-09	-7.80E-08
2992	474694.83, 3848932.25	1.26194	-1.60E-04	-7.46E-05	-1.47E-04	-5.53E-08	-1.67E-07	-9.66E-08	-4.52E-08	-4.09E-08	-1.87E-08	-3.69E-08	-1.85E-09	-4.46E-08	-9.84E-09	-6.13E-09	-9.73E-09	-1.71E-09	-2.43E-09	-7.63E-08
2993	474694.83, 3848957.25	0.79486	-1.01E-04	-4.70E-05	-9.28E-05	-3.48E-08	-1.05E-07	-6.08E-08	-2.84E-08	-2.58E-08	-1.18E-08	-2.32E-08	-1.16E-09	-2.81E-08	-6.20E-09	-3.86E-09	-6.13E-09	-1.08E-09	-1.53E-09	-4.80E-08
2994	474694.83, 3848982.25	0.64852	-8.20E-05	-3.83E-05	-7.57E-05	-2.84E-08	-8.58E-08	-4.96E-08	-2.32E-08	-2.10E-08	-9.60E-09	-1.90E-08	-9.48E-10	-2.29E-08	-5.06E-09	-3.15E-09	-5.00E-09	-8.81E-10	-1.25E-09	-3.92E-08
2995	474694.83, 3849007.25	0.62156	-7.86E-05	-3.68E-05	-7.26E-05	-2.72E-08	-8.22E-08	-4.76E-08	-2.22E-08	-2.02E-08	-9.20E-09	-1.82E-08	-9.09E-10	-2.20E-08	-4.85E-09	-3.02E-09	-4.79E-09	-8.44E-10	-1.20E-09	-3.76E-08
2996	474719.83, 3848607.25	5.22658	-6.61E-04	-3.09E-04	-6.10E-04	-2.29E-07	-6.91E-07	-4.00E-07	-1.87E-07	-1.70E-07	-7.74E-08	-1.53E-07	-7.64E-09	-1.85E-07	-4.07E-08	-2.54E-08	-4.03E-08	-7.10E-09	-1.01E-08	-3.16E-07
2997	474719.83, 3848632.25	3.99527	-5.05E-04	-2.36E-04	-4.67E-04	-1.75E-07	-5.28E-07	-3.06E-07	-1.43E-07	-1.30E-07	-5.91E-08	-1.17E-07	-5.84E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.08E-08	-5.43E-09	-7.70E-09	-2.41E-07
2998	474719.83, 3848657.25	3.27748	-4.15E-04	-1.94E-04	-3.83E-04	-1.44E-07	-4.33E-07	-2.51E-07	-1.17E-07	-1.06E-07	-4.85E-08	-9.58E-08	-4.79E-09	-1.16E-07	-2.55E-08	-1.59E-08	-2.53E-08	-4.45E-09	-6.32E-09	-1.98E-07
2999	474719.83, 3848682.25	2.80368	-3.55E-04	-1.66E-04	-3.27E-04	-1.23E-07	-3.71E-07	-2.15E-07	-1.00E-07	-9.09E-08	-4.15E-08	-8.19E-08	-4.10E-09	-9.90E-08	-2.19E-08	-1.36E-08	-2.16E-08	-3.81E-09	-5.41E-09	-1.69E-07
3000	474719.83, 3848707.25	2.46416	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.82E-08	-7.99E-08	-3.65E-08	-7.20E-08	-3.60E-09	-8.70E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
3001	474719.83, 3848732.25	2.20867	-2.79E-04	-1.31E-04	-2.58E-04	-9.67E-08	-2.92E-07	-1.69E-07	-7.90E-08	-7.16E-08	-3.27E-08	-6.46E-08	-3.23E-09	-7.80E-08	-1.72E-08	-1.07E-08	-1.70E-08	-3.00E-09	-4.26E-09	-1.33E-07
3002	474719.83, 3848757.25	2.01401	-2.55E-04	-1.19E-04	-2.35E-04	-8.82E-08	-2.66E-07	-1.54E-07	-7.21E-08	-6.53E-08	-2.98E-08	-5.89E-08	-2.95E-09	-7.11E-08	-1.57E-08	-9.78E-09	-1.55E-08	-2.74E-09	-3.88E-09	-1.22E-07
3003	474719.83, 3848782.25	1.83741	-2.32E-04	-1.09E-04	-2.15E-04	-8.05E-08	-2.43E-07	-1.41E-07	-6.57E-08	-5.96E-08	-2.72E-08	-5.37E-08	-2.69E-09	-6.49E-08	-1.43E-08	-8.93E-09	-1.42E-08	-2.50E-09	-3.54E-09	-1.11E-07

3004	474719.83, 3848807.25	1.68536	-2.13E-04	-9.97E-05	-1.97E-04	-7.38E-08	-2.23E-07	-1.29E-07	-6.03E-08	-5.47E-08	-2.49E-08	-4.93E-08	-2.46E-09	-5.95E-08	-1.31E-08	-8.19E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
3005	474719.83, 3848832.25	1.5606	-1.97E-04	-9.23E-05	-1.82E-04	-6.83E-08	-2.06E-07	-1.19E-07	-5.58E-08	-5.06E-08	-2.31E-08	-4.56E-08	-2.28E-09	-5.51E-08	-1.22E-08	-7.58E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.43E-08
3006	474719.83, 3848857.25	1.46838	-1.86E-04	-8.68E-05	-1.71E-04	-6.43E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.19E-08	-1.14E-08	-7.13E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.87E-08
3007	474719.83, 3848882.25	1.42691	-1.81E-04	-8.44E-05	-1.67E-04	-6.25E-08	-1.89E-07	-1.09E-07	-5.11E-08	-4.63E-08	-2.11E-08	-4.17E-08	-2.09E-09	-5.04E-08	-1.11E-08	-6.93E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.62E-08
3008	474719.83, 3848907.25	1.44347	-1.83E-04	-8.54E-05	-1.69E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.13E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.72E-08
3009	474719.83, 3848932.25	1.12557	-1.42E-04	-6.66E-05	-1.31E-04	-4.93E-08	-1.49E-07	-8.62E-08	-4.03E-08	-3.65E-08	-1.67E-08	-3.29E-08	-1.65E-09	-3.98E-08	-8.77E-09	-5.47E-09	-8.67E-09	-1.53E-09	-2.17E-09	-6.80E-08
3010	474719.83, 3848957.25	0.65129	-8.24E-05	-3.85E-05	-7.61E-05	-2.85E-08	-8.61E-08	-4.99E-08	-2.33E-08	-2.11E-08	-9.64E-09	-1.90E-08	-9.52E-10	-2.30E-08	-5.08E-09	-3.16E-09	-5.02E-09	-8.85E-10	-1.26E-09	-3.94E-08
3011	474719.83, 3848982.25	0.47759	-6.04E-05	-2.82E-05	-5.58E-05	-2.09E-08	-6.32E-08	-3.66E-08	-1.71E-08	-1.55E-08	-7.07E-09	-1.40E-08	-6.98E-10	-1.69E-08	-3.72E-09	-2.32E-09	-3.68E-09	-6.49E-10	-9.21E-10	-2.89E-08
3012	474719.83, 3849007.25	0.45769	-5.79E-05	-2.71E-05	-5.35E-05	-2.00E-08	-6.05E-08	-3.50E-08	-1.64E-08	-1.48E-08	-6.77E-09	-1.34E-08	-6.69E-10	-1.62E-08	-3.57E-09	-2.22E-09	-3.53E-09	-6.22E-10	-8.82E-10	-2.77E-08
3013	474744.83, 3848632.25	5.11741	-6.47E-04	-3.03E-04	-5.98E-04	-2.24E-07	-6.77E-07	-3.92E-07	-1.83E-07	-1.66E-07	-7.57E-08	-1.50E-07	-7.48E-09	-1.81E-07	-3.99E-08	-2.49E-08	-3.94E-08	-6.95E-09	-9.87E-09	-3.09E-07
3014	474744.83, 3848657.25	3.9329	-4.98E-04	-2.33E-04	-4.59E-04	-1.72E-07	-5.20E-07	-3.01E-07	-1.41E-07	-1.28E-07	-5.82E-08	-1.15E-07	-5.75E-09	-1.39E-07	-3.07E-08	-1.91E-08	-3.03E-08	-5.34E-09	-7.58E-09	-2.38E-07
3015	474744.83, 3848682.25	3.26215	-4.13E-04	-1.93E-04	-3.81E-04	-1.43E-07	-4.31E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.83E-08	-9.53E-08	-4.77E-09	-1.15E-07	-2.54E-08	-1.58E-08	-2.51E-08	-4.43E-09	-6.29E-09	-1.97E-07
3016	474744.83, 3848707.25	2.81357	-3.56E-04	-1.66E-04	-3.29E-04	-1.23E-07	-3.72E-07	-2.15E-07	-1.01E-07	-9.13E-08	-4.16E-08	-8.22E-08	-4.11E-09	-9.94E-08	-2.19E-08	-1.37E-08	-2.17E-08	-3.82E-09	-5.42E-09	-1.70E-07
3017	474744.83, 3848732.25	2.48699	-3.15E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.90E-08	-8.07E-08	-3.68E-08	-7.27E-08	-3.64E-09	-8.79E-08	-1.94E-08	-1.21E-08	-1.92E-08	-3.38E-09	-4.79E-09	-1.50E-07
3018	474744.83, 3848757.25	2.24274	-2.84E-04	-1.33E-04	-2.62E-04	-9.82E-08	-2.97E-07	-1.72E-07	-8.02E-08	-7.27E-08	-3.32E-08	-6.56E-08	-3.28E-09	-7.92E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.05E-09	-4.32E-09	-1.36E-07
3019	474744.83, 3848782.25	2.02188	-2.56E-04	-1.20E-04	-2.36E-04	-8.85E-08	-2.67E-07	-1.55E-07	-7.23E-08	-6.56E-08	-2.99E-08	-5.91E-08	-2.96E-09	-7.14E-08	-1.58E-08	-9.82E-09	-1.56E-08	-2.75E-09	-3.90E-09	-1.22E-07
3020	474744.83, 3848807.25	1.8414	-2.33E-04	-1.09E-04	-2.15E-04	-8.06E-08	-2.43E-07	-1.41E-07	-6.59E-08	-5.97E-08	-2.73E-08	-5.38E-08	-2.69E-09	-6.50E-08	-1.44E-08	-8.95E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
3021	474744.83, 3848832.25	1.69296	-2.14E-04	-1.00E-04	-1.98E-04	-7.41E-08	-2.24E-07	-1.30E-07	-6.06E-08	-5.49E-08	-2.51E-08	-4.95E-08	-2.48E-09	-5.98E-08	-1.32E-08	-8.22E-09	-1.30E-08	-2.30E-09	-3.26E-09	-1.02E-07
3022	474744.83, 3848857.25	1.58294	-2.00E-04	-9.36E-05	-1.85E-04	-6.93E-08	-2.09E-07	-1.21E-07	-5.66E-08	-5.13E-08	-2.34E-08	-4.63E-08	-2.31E-09	-5.59E-08	-1.23E-08	-7.69E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.57E-08
3023	474744.83, 3848882.25	1.5365	-1.94E-04	-9.09E-05	-1.79E-04	-6.73E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.98E-08	-2.27E-08	-4.49E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.46E-09	-1.18E-08	-2.09E-09	-2.96E-09	-9.29E-08
3024	474744.83, 3848907.25	1.54271	-1.95E-04	-9.12E-05	-1.80E-04	-6.76E-08	-2.04E-07	-1.18E-07	-5.52E-08	-5.00E-08	-2.28E-08	-4.51E-08	-2.26E-09	-5.45E-08	-1.20E-08	-7.49E-09	-1.19E-08	-2.10E-09	-2.97E-09	-9.32E-08
3025	474744.83, 3848932.25	1.44686	-1.83E-04	-8.56E-05	-1.69E-04	-6.34E-08	-1.91E-07	-1.11E-07	-5.18E-08	-4.69E-08	-2.14E-08	-4.23E-08	-2.12E-09	-5.11E-08	-1.13E-08	-7.03E-09	-1.12E-08	-1.97E-09	-2.79E-09	-8.74E-08
3026	474744.83, 3848957.25	0.88173	-1.12E-04	-5.21E-05	-1.03E-04	-3.86E-08	-1.17E-07	-6.75E-08	-3.15E-08	-2.86E-08	-1.30E-08	-2.58E-08	-1.29E-09	-3.11E-08	-6.87E-09	-4.28E-09	-6.80E-09	-1.20E-09	-1.70E-09	-5.33E-08
3027	474744.83, 3848982.25	0.52552	-6.65E-05	-3.11E-05	-6.14E-05	-2.30E-08	-6.95E-08	-4.02E-08	-1.88E-08	-1.70E-08	-7.78E-09	-1.54E-08	-7.69E-10	-1.86E-08	-4.10E-09	-2.55E-09	-4.05E-09	-7.14E-10	-1.01E-09	-3.18E-08
3028	474744.83, 3849007.25	0.43	-5.44E-05	-2.54E-05	-5.02E-05	-1.88E-08	-5.69E-08	-3.29E-08	-1.54E-08	-1.39E-08	-6.36E-09	-1.26E-08	-6.29E-10	-1.52E-08	-3.35E-09	-2.09E-09	-3.31E-09	-5.84E-10	-8.29E-10	-2.60E-08
3029	474744.83, 3849032.25	0.51926	-6.57E-05	-3.07E-05	-6.06E-05	-2.27E-08	-6.87E-08	-3.97E-08	-1.86E-08	-1.68E-08	-7.68E-09	-1.52E-08	-7.59E-10	-1.83E-08	-4.05E-09	-2.52E-09	-4.00E-09	-7.05E-10	-1.00E-09	-3.14E-08
3030	474769.83, 3848657.25	5.01975	-6.35E-04	-2.97E-04	-5.86E-04	-2.20E-07	-6.64E-07	-3.84E-07	-1.80E-07	-1.63E-07	-7.43E-08	-1.47E-07	-7.34E-09	-1.77E-07	-3.91E-08	-2.44E-08	-3.87E-08	-6.82E-09	-9.68E-09	-3.03E-07
3031	474769.83, 3848682.25	3.99135	-5.05E-04	-2.36E-04	-4.66E-04	-1.75E-07	-5.28E-07	-3.06E-07	-1.43E-07	-1.29E-07	-5.91E-08	-1.17E-07	-5.84E-09	-1.41E-07	-3.11E-08	-1.94E-08	-3.08E-08	-5.42E-09	-7.69E-09	-2.41E-07
3032	474769.83, 3848707.25	3.36181	-4.25E-04	-1.99E-04	-3.93E-04	-1.47E-07	-4.45E-07	-2.57E-07	-1.20E-07	-1.09E-07	-4.98E-08	-9.83E-08	-4.92E-09	-1.19E-07	-2.62E-08	-1.63E-08	-2.59E-08	-4.57E-09	-6.48E-09	-2.03E-07
3033	474769.83, 3848732.25	2.86709	-3.63E-04	-1.70E-04	-3.35E-04	-1.26E-07	-3.79E-07	-2.19E-07	-1.03E-07	-9.30E-08	-4.24E-08	-8.38E-08	-4.19E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.21E-08	-3.89E-09	-5.53E-09	-1.73E-07
3034	474769.83, 3848757.25	2.46926	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.27E-07	-1.89E-07	-8.84E-08	-8.01E-08	-3.65E-08	-7.22E-08	-3.61E-09	-8.72E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.76E-09	-1.49E-07
3035	474769.83, 3848782.25	2.20217	-2.79E-04	-1.30E-04	-2.57E-04	-9.64E-08	-2.91E-07	-1.69E-07	-7.88E-08	-7.14E-08	-3.26E-08	-6.44E-08	-3.22E-09	-7.78E-08	-1.72E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.25E-09	-1.33E-07
3036	474769.83, 3848807.25	1.99831	-2.53E-04	-1.18E-04	-2.33E-04	-8.75E-08	-2.64E-07	-1.53E-07	-7.15E-08	-6.48E-08	-2.96E-08	-5.84E-08	-2.92E-09	-7.06E-08	-1.56E-08	-9.71E-09	-1.54E-08	-2.71E-09	-3.85E-09	-1.21E-07
3037	474769.83, 3848832.25	1.81868	-2.30E-04	-1.08E-04	-2.12E-04	-7.96E-08	-2.40E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.42E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3038	474769.83, 3848857.25	1.67806	-2.12E-04	-9.92E-05	-1.96E-04	-7.35E-08	-2.22E-07	-1.28E-07	-6.00E-08	-5.44E-08	-2.48E-08	-4.90E-08	-2.45E-09	-5.93E-08	-1.31E-08	-8.15E-09	-1.29E-08	-2.28E-09	-3.24E-09	-1.01E-07
3039	474769.83, 3848882.25	1.6228	-2.05E-04	-9.60E-05	-1.90E-04	-7.11E-08	-2.15E-07	-1.24E-07	-5.81E-08	-5.26E-08	-2.40E-08	-4.74E-08	-2.37E-09	-5.73E-08	-1.26E-08	-7.88E-09	-1.25E-08	-2.20E-09	-3.13E-09	-9.81E-08
3040	474769.83, 3848907.25	1.64213	-2.08E-04	-9.71E-05	-1.92E-04	-7.19E-08	-2.17E-07	-1.26E-07	-5.88E-08	-5.33E-08	-2.43E-08	-4.80E-08	-2.40E-09	-5.80E-08	-1.28E-08	-7.98E-09	-1.27E-08	-2.23E-09	-3.17E-09	-9.92E-08
3041	474769.83, 3848932.25	1.52436	-1.93E-04	-9.01E-05	-1.78E-04	-6.68E-08	-2.02E-07	-1.17E-07	-5.45E-08	-4.94E-08	-2.26E-08	-4.46E-08	-2.23E-09	-5.38E-08	-1.19E-08	-7.41E-09	-1.17E-08	-2.07E-09	-2.94E-09	-9.21E-08
3042	474769.83, 3848957.25	1.00039	-1.27E-04	-5.92E-05	-1.17E-04	-4.38E-08	-1.32E-07	-7.66E-08	-3.58E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.53E-08	-7.80E-09	-4.86E-09	-7.71E-09	-1.36E-09	-1.93E-09	-6.05E-08
3043	474769.83, 3848982.25	0.59318	-7.50E-05	-3.51E-05	-6.93E-05	-2.60E-08	-7.84E-08	-4.54E-08	-2.12E-08	-1.92E-08	-8.78E-09	-1.73E-08	-8.67E-10	-2.10E-08	-4.62E-09	-2.88E-09	-4.57E-09	-8.06E-10	-1.14E-09	-3.58E-08
3044	474769.83, 3849007.25	0.44453	-5.62E-05	-2.63E-05	-5.19E-05	-1.95E-08	-5.88E-08	-3.40E-08	-1.59E-08	-1.44E-08	-6.58E-09	-1.30E-08	-6.50E-10	-1.57E-08	-3.47E-09	-2.16E-09	-3.43E-09	-6.04E-10	-8.57E-10	-2.69E-08
3045	474769.83, 3849032.25	0.57254	-7.24E-05	-3.39E-05	-6.69E-05	-2.51E-08	-7.57E-08	-4.38E-08	-2.05E-08	-1.86E-08	-8.47E-09	-1.67E-08	-8.37E-10	-2.02E-08	-4.46E-09	-2.78E-09	-4.41E-09	-7.78E-10	-1.10E-09	-3.46E-08
3046	474769.83, 3849057.25	0.90935	-1.15E-04	-5.38E-05	-1.06E-04	-3.98E-08	-1.20E-07	-6.96E-08	-3.25E-08	-2.95E-08	-1.35E-08	-2.66E-08	-1.33E-09	-3.21E-08	-7.09E-09	-4.42E-09	-7.01E-09	-1.24E-09	-1.75E-09	-5.50E-08
3047	474794.83, 3848682.25	5.09519	-6.45E-04	-3.01E-04	-5.95E-04	-2.23E-07	-6.74E-07	-3.90E-07	-1.82E-07	-1.65E-07	-7.54E-08	-1.49E-07	-7.45E-09	-1.80E-07	-3.97E-08	-2.48E-08	-3.93E-08	-6.92E-09	-9.82E-09	-3.08E-07
3048	474794.83, 3848707.25	4.04584	-5.12E-04	-2.39E-04	-4.72E-04	-1.77E-07	-5.35E-07	-3.10E-07	-1.45E-07	-1.31E-07	-5.99E-08	-1.18E-07	-5.92E-09	-1.43E-07	-3.15E-08	-1.97E-08	-3.12E-08	-5.50E-09	-7.80E-09	-2.45E-07
3049	474794.83, 3848732.25	3.27321	-4.14E-04	-1.94E-04	-3.82E-04	-1.43E-07	-4.33E-07	-2.51E-07	-1.17E-07	-1.06E-07	-4.84E-08	-9.57E-08	-4.79E-09	-1.16E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.45E-09	-6.31E-09	-1.98E-07
3050	474794.83, 3848757.25	2.79091	-3.53E-04	-1.65E-04	-3.26E-04	-1.22E-07	-3.69E-07	-2.14E-07	-9.99E-08	-9.05E-08	-4.13E-08	-8.16E-08	-4.08E-09	-9.86E-08	-2.18E-08	-1.36E-08	-2.15E-08	-3.79E-09	-5.38E-09	-1.69E-07
3051	474794.83, 3848782.25	2.44418	-3.09E-04	-1.45E-04	-2.85E-04	-1.07E-07	-3.23E-07	-1.87E-07	-8.75E-08	-7.93E-08	-3.62E-08	-7.14E-08	-3.57E-09	-8.63E-08	-1.91E-08	-1.19E-08	-1.88E-08	-3.32E-09	-4.71E-09	-1.48E-07
3052	474794.83, 3848807.25	2.19999	-2.78E-04	-1.30E-04	-2.57E-04	-9.63E-08	-2.91E-07	-1.68E-07	-7.87E-08	-7.14E-08	-3.26E-08	-6.43E-08	-3.22E-09	-7.77E-08	-1.71E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.24E-09	-1.33E-07
3053	474794.83, 3848832.25	1.98939	-2.52E-04	-1.18E-04	-2.32E-04	-8.71E-08	-2.63E-07	-1.52E-07	-7.12E-08	-6.45E-08	-2.94E-08	-5.81E-08	-2.91E-09	-7.03E-08	-1.55E-08	-9.66E-09	-1.53E-08	-2.70E-09	-3.84E-09	-1.20E-07
3054	474794.83, 3848857.25	1.81489	-2.30E-04	-1.07E-04	-2.12E-04	-7.95E-08	-2.40E-07	-1.39E-07	-6.49E-08	-5.89E-08	-2.69E-08	-5.30E-08	-2.65E-09	-6.41E-08	-1.41E-08	-8.82E-09	-1.40E-08	-2.46E-09	-3.50E-09	-1.10E-07
3055	474794.83, 3848882.25	1.70696	-2.16E-04	-1.01E-04	-1.99E-04	-7.48E-08	-2.26E-07	-1.31E-07	-6.11E-08	-5.54E-08	-2.53E-08	-4.99E-08	-2.50E-09	-6.03E-08	-1.33E-08	-8.29E-09	-1.32E-08	-2.32E-09	-3.29E-09	-1.03E-07
3056	474794.83, 3848907.25	1.72869	-2.19E-04	-1.02E-04	-2.02E-04	-7.57E-08	-2.29E-07	-1.32E-07	-6.19E-08	-5.61E-08	-2.56E-08	-5.05E-08	-2.53E-09	-6.11E-08	-1.35E-08	-8.40E-09	-1.33E-08	-2.35E-09	-3.33E-09	-1.04E-07
3057	474794.83, 3848932.25	1.61796	-2.05E-04	-9.57E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.39E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.86E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.78E-08
3058	474794.83, 3848957.25	1.12047	-1.42E-04	-6.63E-05	-1.31E-04	-4.91E-08	-1.48E-07	-8.58E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.96E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
3059	474794.83, 3848982.25	0.74477	-9.42E-05	-4.40E-05	-8.70E-05	-3.26E-08	-9.85E-08	-5.70E-08	-2.66E-08	-2.42E-08	-1.10E-08	-2.18E-08	-1.09E-09	-2.63E-08	-5.81E-09	-3.62E-09	-5.74E-09	-1.01E-09	-1.44E-09	-4.50E-08
3060	474794.83, 3849007.25	0.58959	-7.46E-05	-3.49E-05	-6.89E-05	-2.58E-08	-7.80E-08	-4.51E-08	-2.11E-08	-1.91E-08	-8.73E-09	-1.72E-08	-8.62E-10	-2.08E-08	-4.60E-09	-2.86E-09	-4.54E-09	-8.01E-10	-1.14E-09	-3.56E-08
3061	474794.83, 3849032.25	0.69163	-8.75E-05	-4.09E-05	-8.08E-05	-3.03E-08	-9.15E-08	-5.29E-08	-2.47E-08	-2.24E-08	-1.02E-08	-2.02E-08	-1.01E-09	-2.44E-08	-5.39E-09	-3.36E-09	-5.33E-09	-9.39E-10	-1.33E-09	-4.18E-08
3062	474794.83, 3849057.25	0.94849	-1.20E-04	-5.61E-05	-1.11E-04	-4.15E-08	-1.25E-07	-7.26E-08	-3.39E-08	-3.08E-08	-1.40E-08	-2.77E-08	-1.39E-09	-3.35E-08	-7.39E-09	-4.61E-09	-7.31E-09	-1.29E-09	-1.83E-09	-5.73E-08
3063	474794.83, 3849082.25	1.16661	-1.48E-04	-6.90E-05	-1.36E-04	-5.11E-08	-1.54E-07	-8.93E-08	-4.17E-08	-3.78E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.12E-08	-9.09E-09	-5.67E-09	-8.99E-09	-1.58E-09	-2.25E-09	-7.05E-08
3064	474819.83, 3848707.25	5.00236	-6.33E-04	-2.96E-04	-5.84E-04	-2.19E-07	-6.61E-07	-3.83E-07	-1.79E-07	-1.62E-07	-7.40E-08	-1.46E-07	-7.32E-09	-1.77E-07	-3.90E-08	-2.43E-08	-3.86E-08	-6.79E-09	-9.64E-09	-3.02E-07
3065	474819.83, 3848732.25	3.83984	-4.86E-04	-2.27E-04	-4.48E-04	-1.68E-07	-5.08E-07	-2.94E-07	-1.37E-07	-1.25E-07	-5.68E-08	-1.12E-07	-5.62E-09	-1.36E-07	-2.99E-08	-1.87E-08	-2.96E-08	-5.22E-09	-7.40E-09	-2.32E-07
3066	474819.83, 3848757.25	3.22161	-4.08E-04	-1.91E-04	-3.76E-04	-1.41E-07	-4.26E-07	-2.47E-07	-1.15E-07	-1.04E-07	-4.77E-08	-9.42E-08	-4.71E-09	-1.14E-07	-2.51E-08	-1.57E-08	-2.48E-08	-4.38E-09	-6.21E-09	-1.95E-07
3067	474819.83, 3848782.25	2.78386	-3.52E-04	-1.65E-04	-3.25E-04	-1.22E-07	-3.68E-07	-2.13E-07	-9.96E-08	-9.03E-08	-4.12E-08	-8.14E-08	-4.07E-09	-9.83E-08	-2.17E-08	-1.35E-08	-2.15E-08	-3.78E-09	-5.37E-09	-1.68E-07

3068	474819.83, 3848807.25	2.46554	-3.12E-04	-1.46E-04	-2.88E-04	-1.08E-07	-3.26E-07	-1.89E-07	-8.82E-08	-8.00E-08	-3.65E-08	-7.21E-08	-3.61E-09	-8.71E-08	-1.92E-08	-1.20E-08	-1.90E-08	-3.35E-09	-4.75E-09	-1.49E-07
3069	474819.83, 3848832.25	2.19548	-2.78E-04	-1.30E-04	-2.56E-04	-9.62E-08	-2.90E-07	-1.68E-07	-7.86E-08	-7.12E-08	-3.25E-08	-6.42E-08	-3.21E-09	-7.76E-08	-1.71E-08	-1.07E-08	-1.69E-08	-2.98E-09	-4.23E-09	-1.33E-07
3070	474819.83, 3848857.25	1.97467	-2.50E-04	-1.17E-04	-2.31E-04	-8.65E-08	-2.61E-07	-1.51E-07	-7.07E-08	-6.40E-08	-2.92E-08	-5.77E-08	-2.89E-09	-6.98E-08	-1.54E-08	-9.59E-09	-1.52E-08	-2.68E-09	-3.81E-09	-1.19E-07
3071	474819.83, 3848882.25	1.82146	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3072	474819.83, 3848907.25	1.77878	-2.25E-04	-1.05E-04	-2.08E-04	-7.79E-08	-2.35E-07	-1.36E-07	-6.36E-08	-5.77E-08	-2.63E-08	-5.20E-08	-2.60E-09	-6.28E-08	-1.39E-08	-8.64E-09	-1.37E-08	-2.42E-09	-3.43E-09	-1.07E-07
3073	474819.83, 3848932.25	1.7362	-2.20E-04	-1.03E-04	-2.03E-04	-7.60E-08	-2.30E-07	-1.33E-07	-6.21E-08	-5.63E-08	-2.57E-08	-5.07E-08	-2.54E-09	-6.13E-08	-1.35E-08	-8.43E-09	-1.34E-08	-2.36E-09	-3.35E-09	-1.05E-07
3074	474819.83, 3848957.25	1.393	-1.76E-04	-8.24E-05	-1.63E-04	-6.10E-08	-1.84E-07	-1.07E-07	-4.98E-08	-4.52E-08	-2.06E-08	-4.07E-08	-2.04E-09	-4.92E-08	-1.09E-08	-6.77E-09	-1.07E-08	-1.89E-09	-2.69E-09	-8.42E-08
3075	474819.83, 3848982.25	0.95466	-1.21E-04	-5.65E-05	-1.11E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
3076	474819.83, 3849007.25	0.82275	-1.04E-04	-4.87E-05	-9.61E-05	-3.60E-08	-1.09E-07	-6.30E-08	-2.94E-08	-2.67E-08	-1.22E-08	-2.40E-08	-1.20E-09	-2.91E-08	-6.41E-09	-4.00E-09	-6.34E-09	-1.12E-09	-1.59E-09	-4.97E-08
3077	474819.83, 3849032.25	1.09775	-1.39E-04	-6.49E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.40E-08	-3.93E-08	-3.56E-08	-1.62E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.56E-09	-5.33E-09	-8.46E-09	-1.49E-09	-2.12E-09	-6.63E-08
3078	474819.83, 3849057.25	1.20601	-1.53E-04	-7.13E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.23E-08	-4.32E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.26E-08	-9.40E-09	-5.86E-09	-9.29E-09	-1.64E-09	-2.33E-09	-7.29E-08
3079	474819.83, 3849082.25	1.2008	-1.52E-04	-7.10E-05	-1.40E-04	-5.26E-08	-1.59E-07	-9.19E-08	-4.30E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.24E-08	-9.36E-09	-5.83E-09	-9.25E-09	-1.63E-09	-2.31E-09	-7.26E-08
3080	474819.83, 3849107.25	1.01816	-1.29E-04	-6.02E-05	-1.19E-04	-4.46E-08	-1.35E-07	-7.79E-08	-3.64E-08	-3.30E-08	-1.51E-08	-2.98E-08	-1.49E-09	-3.60E-08	-7.94E-09	-4.95E-09	-7.85E-09	-1.38E-09	-1.96E-09	-6.15E-08
3081	474844.83, 3848732.25	4.71745	-5.97E-04	-2.79E-04	-5.51E-04	-2.07E-07	-6.24E-07	-3.61E-07	-1.69E-07	-1.53E-07	-6.98E-08	-1.38E-07	-6.90E-09	-1.67E-07	-3.68E-08	-2.29E-08	-3.64E-08	-6.41E-09	-9.09E-09	-2.85E-07
3082	474844.83, 3848757.25	3.79827	-4.81E-04	-2.25E-04	-4.44E-04	-1.66E-07	-5.02E-07	-2.91E-07	-1.36E-07	-1.23E-07	-5.62E-08	-1.11E-07	-5.55E-09	-1.34E-07	-2.96E-08	-1.85E-08	-2.93E-08	-5.16E-09	-7.32E-09	-2.30E-07
3083	474844.83, 3848782.25	3.18702	-4.03E-04	-1.88E-04	-3.72E-04	-1.40E-07	-4.21E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.72E-08	-9.31E-08	-4.66E-09	-1.13E-07	-2.48E-08	-1.55E-08	-2.46E-08	-4.33E-09	-6.14E-09	-1.93E-07
3084	474844.83, 3848807.25	2.75998	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.88E-08	-8.95E-08	-4.08E-08	-8.07E-08	-4.04E-09	-9.75E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.32E-09	-1.67E-07
3085	474844.83, 3848832.25	2.42217	-3.06E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.20E-07	-1.85E-07	-8.67E-08	-7.86E-08	-3.58E-08	-7.08E-08	-3.54E-09	-8.56E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.46E-07
3086	474844.83, 3848857.25	2.15593	-2.73E-04	-1.27E-04	-2.52E-04	-9.44E-08	-2.85E-07	-1.65E-07	-7.71E-08	-6.99E-08	-3.19E-08	-6.30E-08	-3.15E-09	-7.62E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.16E-09	-1.30E-07
3087	474844.83, 3848882.25	1.96152	-2.48E-04	-1.16E-04	-2.29E-04	-8.59E-08	-2.59E-07	-1.50E-07	-7.02E-08	-6.36E-08	-2.90E-08	-5.73E-08	-2.87E-09	-6.93E-08	-1.53E-08	-9.53E-09	-1.51E-08	-2.66E-09	-3.78E-09	-1.19E-07
3088	474844.83, 3848907.25	1.81974	-2.30E-04	-1.08E-04	-2.13E-04	-7.97E-08	-2.41E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3089	474844.83, 3848932.25	1.79062	-2.27E-04	-1.06E-04	-2.09E-04	-7.84E-08	-2.37E-07	-1.37E-07	-6.41E-08	-5.81E-08	-2.65E-08	-5.23E-08	-2.62E-09	-6.33E-08	-1.40E-08	-8.70E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
3090	474844.83, 3848957.25	1.68812	-2.14E-04	-9.98E-05	-1.97E-04	-7.39E-08	-2.23E-07	-1.29E-07	-6.04E-08	-5.48E-08	-2.50E-08	-4.93E-08	-2.47E-09	-5.96E-08	-1.32E-08	-8.20E-09	-1.30E-08	-2.29E-09	-3.25E-09	-1.02E-07
3091	474844.83, 3848982.25	1.26117	-1.60E-04	-7.46E-05	-1.47E-04	-5.52E-08	-1.67E-07	-9.65E-08	-4.51E-08	-4.09E-08	-1.87E-08	-3.69E-08	-1.84E-09	-4.46E-08	-9.83E-09	-6.13E-09	-9.72E-09	-1.71E-09	-2.43E-09	-7.62E-08
3092	474844.83, 3849007.25	1.10344	-1.40E-04	-6.53E-05	-1.29E-04	-4.83E-08	-1.46E-07	-8.45E-08	-3.95E-08	-3.58E-08	-1.63E-08	-3.23E-08	-1.61E-09	-3.90E-08	-8.60E-09	-5.36E-09	-8.50E-09	-1.50E-09	-2.13E-09	-6.67E-08
3093	474844.83, 3849032.25	1.38235	-1.75E-04	-8.17E-05	-1.61E-04	-6.05E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.48E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.88E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.35E-08
3094	474844.83, 3849057.25	1.3287	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.75E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.45E-09	-1.02E-08	-1.80E-09	-2.56E-09	-8.03E-08
3095	474844.83, 3849082.25	1.19958	-1.52E-04	-7.09E-05	-1.40E-04	-5.25E-08	-1.59E-07	-9.18E-08	-4.29E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.75E-09	-4.24E-08	-9.35E-09	-5.83E-09	-9.24E-09	-1.63E-09	-2.31E-09	-7.25E-08
3096	474844.83, 3849107.25	1.08268	-1.37E-04	-6.40E-05	-1.26E-04	-4.74E-08	-1.43E-07	-8.29E-08	-3.87E-08	-3.51E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.44E-09	-5.26E-09	-8.34E-09	-1.47E-09	-2.09E-09	-6.54E-08
3097	474869.83, 3848757.25	4.63503	-5.86E-04	-2.74E-04	-5.41E-04	-2.03E-07	-6.13E-07	-3.55E-07	-1.66E-07	-1.50E-07	-6.86E-08	-1.35E-07	-6.78E-09	-1.64E-07	-3.61E-08	-2.25E-08	-3.57E-08	-6.30E-09	-8.94E-09	-2.80E-07
3098	474869.83, 3848782.25	3.71744	-4.70E-04	-2.20E-04	-4.34E-04	-1.63E-07	-4.92E-07	-2.85E-07	-1.33E-07	-1.21E-07	-5.50E-08	-1.09E-07	-5.44E-09	-1.31E-07	-2.90E-08	-1.81E-08	-2.86E-08	-5.05E-09	-7.17E-09	-2.25E-07
3099	474869.83, 3848807.25	3.11556	-3.94E-04	-1.84E-04	-3.64E-04	-1.36E-07	-4.12E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.61E-08	-9.11E-08	-4.56E-09	-1.10E-07	-2.43E-08	-1.51E-08	-2.40E-08	-4.23E-09	-6.01E-09	-1.88E-07
3100	474869.83, 3848832.25	2.70501	-3.42E-04	-1.60E-04	-3.16E-04	-1.18E-07	-3.58E-07	-2.07E-07	-9.68E-08	-8.77E-08	-4.00E-08	-7.91E-08	-3.96E-09	-9.56E-08	-2.11E-08	-1.31E-08	-2.08E-08	-3.67E-09	-5.21E-09	-1.63E-07
3101	474869.83, 3848857.25	2.39718	-3.03E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.84E-07	-8.58E-08	-7.78E-08	-3.55E-08	-7.01E-08	-3.51E-09	-8.47E-08	-1.87E-08	-1.16E-08	-1.85E-08	-3.26E-09	-4.62E-09	-1.45E-07
3102	474869.83, 3848882.25	2.13985	-2.71E-04	-1.27E-04	-2.50E-04	-9.37E-08	-2.83E-07	-1.64E-07	-7.66E-08	-6.94E-08	-3.17E-08	-6.25E-08	-3.13E-09	-7.56E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.91E-09	-4.13E-09	-1.29E-07
3103	474869.83, 3848907.25	1.95227	-2.47E-04	-1.15E-04	-2.28E-04	-8.55E-08	-2.58E-07	-1.49E-07	-6.99E-08	-6.33E-08	-2.89E-08	-5.71E-08	-2.86E-09	-6.90E-08	-1.52E-08	-9.48E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
3104	474869.83, 3848932.25	1.85	-2.34E-04	-1.09E-04	-2.16E-04	-8.10E-08	-2.45E-07	-1.42E-07	-6.62E-08	-6.00E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.54E-08	-1.44E-08	-8.99E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
3105	474869.83, 3848957.25	1.79807	-2.27E-04	-1.06E-04	-2.10E-04	-7.87E-08	-2.38E-07	-1.38E-07	-6.43E-08	-5.83E-08	-2.66E-08	-5.26E-08	-2.63E-09	-6.35E-08	-1.40E-08	-8.73E-09	-1.39E-08	-2.44E-09	-3.47E-09	-1.09E-07
3106	474869.83, 3848982.25	1.67949	-2.12E-04	-9.93E-05	-1.96E-04	-7.36E-08	-2.22E-07	-1.29E-07	-6.01E-08	-5.45E-08	-2.49E-08	-4.91E-08	-2.46E-09	-5.93E-08	-1.31E-08	-8.16E-09	-1.29E-08	-2.28E-09	-3.24E-09	-1.01E-07
3107	474869.83, 3849007.25	1.53943	-1.95E-04	-9.10E-05	-1.80E-04	-6.74E-08	-2.04E-07	-1.18E-07	-5.51E-08	-4.99E-08	-2.28E-08	-4.50E-08	-2.25E-09	-5.44E-08	-1.20E-08	-7.48E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.30E-08
3108	474869.83, 3849032.25	1.47837	-1.87E-04	-8.74E-05	-1.73E-04	-6.47E-08	-1.95E-07	-1.13E-07	-5.29E-08	-4.80E-08	-2.19E-08	-4.32E-08	-2.16E-09	-5.22E-08	-1.15E-08	-7.18E-09	-1.14E-08	-2.01E-09	-2.85E-09	-8.93E-08
3109	474869.83, 3849057.25	1.3838	-1.75E-04	-8.18E-05	-1.62E-04	-6.06E-08	-1.83E-07	-1.06E-07	-4.95E-08	-4.49E-08	-2.05E-08	-4.04E-08	-2.02E-09	-4.89E-08	-1.08E-08	-6.72E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.36E-08
3110	474869.83, 3849082.25	1.29346	-1.64E-04	-7.65E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.90E-08	-4.63E-08	-4.20E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.28E-09	-9.97E-09	-1.76E-09	-2.49E-09	-7.82E-08
3111	474869.83, 3849107.25	1.18636	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.08E-08	-4.24E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.73E-09	-4.19E-08	-9.25E-09	-5.76E-09	-9.14E-09	-1.61E-09	-2.29E-09	-7.17E-08
3112	474869.83, 3849132.25	1.04818	-1.33E-04	-6.20E-05	-1.22E-04	-4.59E-08	-1.39E-07	-8.02E-08	-3.75E-08	-3.40E-08	-1.55E-08	-3.06E-08	-1.53E-09	-3.70E-08	-8.17E-09	-5.09E-09	-8.08E-09	-1.42E-09	-2.02E-09	-6.33E-08
3113	474894.83, 3848757.25	6.17645	-7.81E-04	-3.65E-04	-7.21E-04	-2.70E-07	-8.17E-07	-4.73E-07	-2.21E-07	-2.00E-07	-9.14E-08	-1.81E-07	-9.03E-09	-2.18E-07	-4.81E-08	-3.00E-08	-4.76E-08	-8.39E-09	-1.19E-08	-3.73E-07
3114	474894.83, 3848782.25	4.51271	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.97E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
3115	474894.83, 3848807.25	3.61868	-4.58E-04	-2.14E-04	-4.23E-04	-1.58E-07	-4.79E-07	-2.77E-07	-1.29E-07	-1.17E-07	-5.36E-08	-1.06E-07	-5.29E-09	-1.28E-07	-2.82E-08	-1.76E-08	-2.79E-08	-4.91E-09	-6.98E-09	-2.19E-07
3116	474894.83, 3848832.25	3.06613	-3.88E-04	-1.81E-04	-3.58E-04	-1.34E-07	-4.05E-07	-2.35E-07	-1.10E-07	-9.94E-08	-4.54E-08	-8.96E-08	-4.48E-09	-1.08E-07	-2.39E-08	-1.49E-08	-2.36E-08	-4.16E-09	-5.91E-09	-1.85E-07
3117	474894.83, 3848857.25	2.67685	-3.39E-04	-1.58E-04	-3.13E-04	-1.17E-07	-3.54E-07	-2.05E-07	-9.58E-08	-8.68E-08	-3.96E-08	-7.82E-08	-3.91E-09	-9.46E-08	-2.09E-08	-1.30E-08	-2.06E-08	-3.64E-09	-5.16E-09	-1.62E-07
3118	474894.83, 3848882.25	2.36569	-2.99E-04	-1.40E-04	-2.76E-04	-1.04E-07	-3.13E-07	-1.81E-07	-8.46E-08	-7.67E-08	-3.50E-08	-6.91E-08	-3.46E-09	-8.36E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.21E-09	-4.56E-09	-1.43E-07
3119	474894.83, 3848907.25	2.1306	-2.70E-04	-1.26E-04	-2.49E-04	-9.33E-08	-2.82E-07	-1.63E-07	-7.62E-08	-6.91E-08	-3.15E-08	-6.23E-08	-3.12E-09	-7.53E-08	-1.66E-08	-1.04E-08	-1.64E-08	-2.89E-09	-4.11E-09	-1.29E-07
3120	474894.83, 3848932.25	1.9698	-2.49E-04	-1.16E-04	-2.30E-04	-8.63E-08	-2.60E-07	-1.51E-07	-7.05E-08	-6.39E-08	-2.92E-08	-5.76E-08	-2.88E-09	-6.96E-08	-1.54E-08	-9.57E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
3121	474894.83, 3848957.25	1.84939	-2.34E-04	-1.09E-04	-2.16E-04	-8.10E-08	-2.45E-07	-1.42E-07	-6.62E-08	-6.00E-08	-2.74E-08	-5.41E-08	-2.70E-09	-6.53E-08	-1.44E-08	-8.98E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
3122	474894.83, 3848982.25	1.75577	-2.22E-04	-1.04E-04	-2.05E-04	-7.69E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.53E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
3123	474894.83, 3849007.25	1.659	-2.10E-04	-9.81E-05	-1.94E-04	-7.27E-08	-2.19E-07	-1.27E-07	-5.94E-08	-5.38E-08	-2.46E-08	-4.85E-08	-2.43E-09	-5.86E-08	-1.29E-08	-8.06E-09	-1.28E-08	-2.25E-09	-3.20E-09	-1.00E-07
3124	474894.83, 3849032.25	1.53263	-1.94E-04	-9.06E-05	-1.79E-04	-6.71E-08	-2.03E-07	-1.17E-07	-5.48E-08	-4.97E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.41E-08	-1.19E-08	-7.45E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.26E-08
3125	474894.83, 3849057.25	1.43665	-1.82E-04	-8.50E-05	-1.68E-04	-6.29E-08	-1.90E-07	-1.10E-07	-5.14E-08	-4.66E-08	-2.13E-08	-4.20E-08	-2.10E-09	-5.07E-08	-1.12E-08	-6.98E-09	-1.11E-08	-1.95E-09	-2.77E-09	-8.68E-08
3126	474894.83, 3849082.25	1.36515	-1.73E-04	-8.07E-05	-1.59E-04	-5.98E-08	-1.81E-07	-1.05E-07	-4.88E-08	-4.43E-08	-2.02E-08	-3.99E-08	-2.00E-09	-4.82E-08	-1.06E-08	-6.63E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.25E-08
3127	474894.83, 3849107.25	1.28415	-1.62E-04	-7.59E-05	-1.50E-04	-5.62E-08	-1.70E-07	-9.83E-08	-4.59E-08	-4.17E-08	-1.90E-08	-3.75E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.24E-09	-9.90E-09	-1.74E-09	-2.48E-09	-7.76E-08
3128	474894.83, 3849132.25	1.14955	-1.45E-04	-6.80E-05	-1.34E-04	-5.03E-08	-1.52E-07	-8.80E-08	-4.11E-08	-3.73E-08	-1.70E-08	-3.36E-08	-1.68E-09	-4.06E-08	-8.96E-09	-5.58E-09	-8.86E-09	-1.56E-09	-2.22E-09	-6.95E-08
3129	474894.83, 3849157.25	0.99277	-1.26E-04	-5.87E-05	-1.16E-04	-4.35E-08	-1.31E-07	-7.60E-08	-3.55E-08	-3.22E-08	-1.47E-08	-2.90E-08	-1.45E-09	-3.51E-08	-7.74E-09	-4.82E-09	-7.65E-09	-1.35E-09	-1.91E-09	-6.00E-08
3130	474919.83, 3848782.25	5.79172	-7.33E-04	-3.42E-04	-6.76E-04	-2.54E-07	-7.66E-07	-4.43E-07	-2.07E-07	-1.88E-07	-8.57E-08	-1.69E-07	-8.47E-09	-2.05E-07	-4.51E-08	-2.81E-08	-4.46E-08	-7.87E-09	-1.12E-08	-3.50E-07
3131	474919.83, 3848807.25	4.3801	-5.54E-04	-2.59E-04	-5.12E-04	-1.92E-07	-5.79E-07	-3.35E-07	-1.57E-07	-1.42E-07	-6.48E-08	-1.28E-07	-6.41E-09	-1.55E-07	-3.41E-08	-2.13E-08	-3.38E-08	-5.95E-09	-8.44E-09	-2.65E-07

3132	474919.83, 3848832.25	3.56746	-4.51E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.28E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.85E-09	-6.88E-09	-2.16E-07
3133	474919.83, 3848857.25	3.02601	-3.83E-04	-1.79E-04	-3.53E-04	-1.33E-07	-4.00E-07	-2.32E-07	-1.08E-07	-9.81E-08	-4.48E-08	-8.84E-08	-4.43E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.83E-09	-1.83E-07
3134	474919.83, 3848882.25	2.6304	-3.33E-04	-1.56E-04	-3.07E-04	-1.15E-07	-3.48E-07	-2.01E-07	-9.41E-08	-8.53E-08	-3.89E-08	-7.69E-08	-3.85E-09	-9.29E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.57E-09	-5.07E-09	-1.59E-07
3135	474919.83, 3848907.25	2.33359	-2.95E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.35E-08	-7.57E-08	-3.45E-08	-6.82E-08	-3.41E-09	-8.24E-08	-1.82E-08	-1.13E-08	-1.80E-08	-3.17E-09	-4.50E-09	-1.41E-07
3136	474919.83, 3848932.25	2.11623	-2.68E-04	-1.25E-04	-2.47E-04	-9.27E-08	-2.80E-07	-1.62E-07	-7.57E-08	-6.86E-08	-3.13E-08	-6.19E-08	-3.09E-09	-7.48E-08	-1.65E-08	-1.03E-08	-1.63E-08	-2.87E-09	-4.08E-09	-1.28E-07
3137	474919.83, 3848957.25	1.94952	-2.47E-04	-1.15E-04	-2.28E-04	-8.54E-08	-2.58E-07	-1.49E-07	-6.98E-08	-6.32E-08	-2.89E-08	-5.70E-08	-2.85E-09	-6.89E-08	-1.52E-08	-9.47E-09	-1.50E-08	-2.65E-09	-3.76E-09	-1.18E-07
3138	474919.83, 3848982.25	1.82003	-2.30E-04	-1.08E-04	-2.13E-04	-7.97E-08	-2.41E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3139	474919.83, 3849007.25	1.71163	-2.17E-04	-1.01E-04	-2.00E-04	-7.50E-08	-2.26E-07	-1.31E-07	-6.12E-08	-5.55E-08	-2.53E-08	-5.00E-08	-2.50E-09	-6.05E-08	-1.33E-08	-8.31E-09	-1.32E-08	-2.32E-09	-3.30E-09	-1.03E-07
3140	474919.83, 3849032.25	1.57387	-1.99E-04	-9.31E-05	-1.84E-04	-6.89E-08	-2.08E-07	-1.20E-07	-5.63E-08	-5.10E-08	-2.33E-08	-4.60E-08	-2.30E-09	-5.56E-08	-1.23E-08	-7.65E-09	-1.21E-08	-2.14E-09	-3.03E-09	-9.51E-08
3141	474919.83, 3849057.25	1.47213	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.77E-08	-2.18E-08	-4.30E-08	-2.15E-09	-5.20E-08	-1.15E-08	-7.15E-09	-1.13E-08	-2.00E-09	-2.84E-09	-8.90E-08
3142	474919.83, 3849082.25	1.37848	-1.74E-04	-8.15E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.06E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.07E-08	-6.70E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.33E-08
3143	474919.83, 3849107.25	1.2936	-1.64E-04	-7.65E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.90E-08	-4.63E-08	-4.20E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.28E-09	-9.97E-09	-1.76E-09	-2.49E-09	-7.82E-08
3144	474919.83, 3849132.25	1.19692	-1.51E-04	-7.08E-05	-1.40E-04	-5.24E-08	-1.58E-07	-9.16E-08	-4.28E-08	-3.88E-08	-1.77E-08	-3.50E-08	-1.75E-09	-4.23E-08	-9.33E-09	-5.81E-09	-9.22E-09	-1.63E-09	-2.31E-09	-7.23E-08
3145	474919.83, 3849157.25	1.05302	-1.33E-04	-6.23E-05	-1.23E-04	-4.61E-08	-1.39E-07	-8.06E-08	-3.77E-08	-3.42E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.72E-08	-8.21E-09	-5.12E-09	-8.12E-09	-1.43E-09	-2.03E-09	-6.36E-08
3146	474919.83, 3849182.25	0.96532	-1.22E-04	-5.71E-05	-1.13E-04	-4.23E-08	-1.28E-07	-7.39E-08	-3.45E-08	-3.13E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.41E-08	-7.52E-09	-4.69E-09	-7.44E-09	-1.31E-09	-1.86E-09	-5.83E-08
3147	474944.83, 3848807.25	5.56467	-7.04E-04	-3.29E-04	-6.50E-04	-2.44E-07	-7.36E-07	-4.26E-07	-1.99E-07	-1.80E-07	-8.24E-08	-1.63E-07	-8.14E-09	-1.97E-07	-4.34E-08	-2.70E-08	-4.29E-08	-7.56E-09	-1.07E-08	-3.36E-07
3148	474944.83, 3848832.25	4.27605	-5.41E-04	-2.53E-04	-4.99E-04	-1.87E-07	-5.65E-07	-3.27E-07	-1.53E-07	-1.39E-07	-6.33E-08	-1.25E-07	-6.25E-09	-1.51E-07	-3.33E-08	-2.08E-08	-3.30E-08	-5.81E-09	-8.24E-09	-2.58E-07
3149	474944.83, 3848857.25	3.49823	-4.43E-04	-2.07E-04	-4.09E-04	-1.53E-07	-4.63E-07	-2.68E-07	-1.25E-07	-1.13E-07	-5.18E-08	-1.02E-07	-5.12E-09	-1.24E-07	-2.73E-08	-1.70E-08	-2.70E-08	-4.75E-09	-6.74E-09	-2.11E-07
3150	474944.83, 3848882.25	2.96359	-3.75E-04	-1.75E-04	-3.46E-04	-1.30E-07	-3.92E-07	-2.27E-07	-1.06E-07	-9.61E-08	-4.39E-08	-8.66E-08	-4.33E-09	-1.05E-07	-2.31E-08	-1.44E-08	-2.28E-08	-4.03E-09	-5.71E-09	-1.79E-07
3151	474944.83, 3848907.25	2.57998	-3.26E-04	-1.53E-04	-3.01E-04	-1.13E-07	-3.41E-07	-1.97E-07	-9.23E-08	-8.37E-08	-3.82E-08	-7.54E-08	-3.77E-09	-9.11E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.50E-09	-4.97E-09	-1.56E-07
3152	474944.83, 3848932.25	2.29124	-2.90E-04	-1.35E-04	-2.68E-04	-1.00E-07	-3.03E-07	-1.75E-07	-8.20E-08	-7.43E-08	-3.39E-08	-6.70E-08	-3.35E-09	-8.09E-08	-1.79E-08	-1.11E-08	-1.77E-08	-3.11E-09	-4.42E-09	-1.38E-07
3153	474944.83, 3848957.25	2.07755	-2.63E-04	-1.23E-04	-2.43E-04	-9.10E-08	-2.75E-07	-1.59E-07	-7.43E-08	-6.74E-08	-3.07E-08	-6.07E-08	-3.04E-09	-7.34E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.82E-09	-4.01E-09	-1.26E-07
3154	474944.83, 3848982.25	1.91838	-2.43E-04	-1.13E-04	-2.24E-04	-8.40E-08	-2.54E-07	-1.47E-07	-6.86E-08	-6.22E-08	-2.84E-08	-5.61E-08	-2.81E-09	-6.78E-08	-1.50E-08	-9.32E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
3155	474944.83, 3849007.25	1.7916	-2.27E-04	-1.06E-04	-2.09E-04	-7.85E-08	-2.37E-07	-1.37E-07	-6.41E-08	-5.81E-08	-2.65E-08	-5.24E-08	-2.62E-09	-6.33E-08	-1.40E-08	-8.70E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
3156	474944.83, 3849032.25	1.64924	-2.09E-04	-9.75E-05	-1.93E-04	-7.22E-08	-2.18E-07	-1.26E-07	-5.90E-08	-5.35E-08	-2.44E-08	-4.82E-08	-2.41E-09	-5.83E-08	-1.29E-08	-8.01E-09	-1.27E-08	-2.24E-09	-3.18E-09	-9.97E-08
3157	474944.83, 3849057.25	1.53797	-1.95E-04	-9.09E-05	-1.80E-04	-6.74E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.99E-08	-2.28E-08	-4.50E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.47E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.29E-08
3158	474944.83, 3849082.25	1.43113	-1.81E-04	-8.46E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.12E-08	-4.64E-08	-2.12E-08	-4.18E-08	-2.09E-09	-5.06E-08	-1.12E-08	-6.95E-09	-1.10E-08	-1.94E-09	-2.76E-09	-8.65E-08
3159	474944.83, 3849107.25	1.33158	-1.68E-04	-7.87E-05	-1.56E-04	-5.83E-08	-1.76E-07	-1.02E-07	-4.76E-08	-4.32E-08	-1.97E-08	-3.89E-08	-1.95E-09	-4.70E-08	-1.04E-08	-6.47E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.05E-08
3160	474944.83, 3849132.25	1.2338	-1.56E-04	-7.30E-05	-1.44E-04	-5.40E-08	-1.63E-07	-9.44E-08	-4.41E-08	-4.00E-08	-1.83E-08	-3.61E-08	-1.80E-09	-4.36E-08	-9.62E-09	-5.99E-09	-9.51E-09	-1.68E-09	-2.38E-09	-7.46E-08
3161	474944.83, 3849157.25	1.11986	-1.42E-04	-6.62E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.57E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.96E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
3162	474944.83, 3849182.25	1.00786	-1.28E-04	-5.96E-05	-1.18E-04	-4.41E-08	-1.33E-07	-7.72E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.47E-09	-3.56E-08	-7.86E-09	-4.90E-09	-7.77E-09	-1.37E-09	-1.94E-09	-6.09E-08
3163	474944.83, 3849207.25	0.94435	-1.19E-04	-5.58E-05	-1.10E-04	-4.14E-08	-1.25E-07	-7.23E-08	-3.38E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.34E-08	-7.36E-09	-4.59E-09	-7.28E-09	-1.28E-09	-1.82E-09	-5.71E-08
3164	474969.83, 3848832.25	5.38028	-6.81E-04	-3.18E-04	-6.28E-04	-2.36E-07	-7.11E-07	-4.12E-07	-1.93E-07	-1.75E-07	-7.96E-08	-1.57E-07	-7.87E-09	-1.90E-07	-4.19E-08	-2.61E-08	-4.15E-08	-7.31E-09	-1.04E-08	-3.25E-07
3165	474969.83, 3848857.25	4.14525	-5.24E-04	-2.45E-04	-4.84E-04	-1.82E-07	-5.48E-07	-3.17E-07	-1.48E-07	-1.34E-07	-6.13E-08	-1.21E-07	-6.06E-09	-1.46E-07	-3.23E-08	-2.01E-08	-3.19E-08	-5.63E-09	-7.99E-09	-2.51E-07
3166	474969.83, 3848882.25	3.38969	-4.29E-04	-2.00E-04	-3.96E-04	-1.48E-07	-4.48E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.02E-08	-9.91E-08	-4.96E-09	-1.20E-07	-2.64E-08	-1.65E-08	-2.61E-08	-4.60E-09	-6.53E-09	-2.05E-07
3167	474969.83, 3848907.25	2.87311	-3.63E-04	-1.70E-04	-3.36E-04	-1.26E-07	-3.80E-07	-2.20E-07	-1.03E-07	-9.32E-08	-4.25E-08	-8.40E-08	-4.20E-09	-1.01E-07	-2.24E-08	-1.40E-08	-2.21E-08	-3.90E-09	-5.54E-09	-1.74E-07
3168	474969.83, 3848932.25	2.50285	-3.17E-04	-1.48E-04	-2.92E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.96E-08	-8.12E-08	-3.70E-08	-7.32E-08	-3.66E-09	-8.84E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.83E-09	-1.51E-07
3169	474969.83, 3848957.25	2.2322	-2.82E-04	-1.32E-04	-2.61E-04	-9.78E-08	-2.95E-07	-1.71E-07	-7.99E-08	-7.24E-08	-3.30E-08	-6.52E-08	-3.26E-09	-7.89E-08	-1.74E-08	-1.08E-08	-1.72E-08	-3.03E-09	-4.30E-09	-1.35E-07
3170	474969.83, 3848982.25	2.03749	-2.58E-04	-1.20E-04	-2.38E-04	-8.92E-08	-2.69E-07	-1.56E-07	-7.29E-08	-6.61E-08	-3.02E-08	-5.96E-08	-2.98E-09	-7.20E-08	-1.59E-08	-9.90E-09	-1.57E-08	-2.77E-09	-3.93E-09	-1.23E-07
3171	474969.83, 3849007.25	1.89585	-2.40E-04	-1.12E-04	-2.21E-04	-8.30E-08	-2.51E-07	-1.45E-07	-6.78E-08	-6.15E-08	-2.81E-08	-5.54E-08	-2.77E-09	-6.70E-08	-1.48E-08	-9.21E-09	-1.46E-08	-2.57E-09	-3.65E-09	-1.15E-07
3172	474969.83, 3849032.25	1.73648	-2.20E-04	-1.03E-04	-2.03E-04	-7.60E-08	-2.30E-07	-1.33E-07	-6.21E-08	-5.63E-08	-2.57E-08	-5.08E-08	-2.54E-09	-6.13E-08	-1.35E-08	-8.44E-09	-1.34E-08	-2.36E-09	-3.35E-09	-1.05E-07
3173	474969.83, 3849057.25	1.61212	-2.04E-04	-9.53E-05	-1.88E-04	-7.06E-08	-2.13E-07	-1.23E-07	-5.77E-08	-5.23E-08	-2.39E-08	-4.71E-08	-2.36E-09	-5.69E-08	-1.26E-08	-7.83E-09	-1.24E-08	-2.19E-09	-3.11E-09	-9.74E-08
3174	474969.83, 3849082.25	1.49552	-1.89E-04	-8.84E-05	-1.75E-04	-6.55E-08	-1.98E-07	-1.14E-07	-5.35E-08	-4.85E-08	-2.21E-08	-4.37E-08	-2.19E-09	-5.28E-08	-1.17E-08	-7.27E-09	-1.15E-08	-2.03E-09	-2.88E-09	-9.04E-08
3175	474969.83, 3849107.25	1.37485	-1.74E-04	-8.13E-05	-1.61E-04	-6.02E-08	-1.82E-07	-1.05E-07	-4.92E-08	-4.46E-08	-2.03E-08	-4.02E-08	-2.01E-09	-4.86E-08	-1.07E-08	-6.68E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.31E-08
3176	474969.83, 3849132.25	1.25455	-1.59E-04	-7.42E-05	-1.47E-04	-5.49E-08	-1.66E-07	-9.60E-08	-4.49E-08	-4.07E-08	-1.86E-08	-3.67E-08	-1.83E-09	-4.43E-08	-9.78E-09	-6.09E-09	-9.67E-09	-1.70E-09	-2.42E-09	-7.58E-08
3177	474969.83, 3849157.25	1.15572	-1.46E-04	-6.83E-05	-1.35E-04	-5.06E-08	-1.53E-07	-8.85E-08	-4.14E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.08E-08	-9.01E-09	-5.61E-09	-8.91E-09	-1.57E-09	-2.23E-09	-6.98E-08
3178	474969.83, 3849182.25	1.05954	-1.34E-04	-6.27E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.26E-09	-5.15E-09	-8.17E-09	-1.44E-09	-2.04E-09	-6.40E-08
3179	474969.83, 3849207.25	0.98628	-1.25E-04	-5.83E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.69E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
3180	474994.83, 3848857.25	5.29193	-6.70E-04	-3.13E-04	-6.18E-04	-2.32E-07	-7.00E-07	-4.05E-07	-1.89E-07	-1.72E-07	-7.83E-08	-1.55E-07	-7.74E-09	-1.87E-07	-4.13E-08	-2.57E-08	-4.08E-08	-7.19E-09	-1.02E-08	-3.20E-07
3181	474994.83, 3848882.25	3.96181	-5.01E-04	-2.34E-04	-4.63E-04	-1.74E-07	-5.24E-07	-3.03E-07	-1.42E-07	-1.28E-07	-5.86E-08	-1.16E-07	-5.79E-09	-1.40E-07	-3.09E-08	-1.92E-08	-3.05E-08	-5.38E-09	-7.64E-09	-2.39E-07
3182	474994.83, 3848907.25	3.24624	-4.11E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.49E-08	-4.75E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.26E-09	-1.96E-07
3183	474994.83, 3848932.25	2.76044	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.88E-08	-8.95E-08	-4.09E-08	-8.07E-08	-4.04E-09	-9.75E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.32E-09	-1.67E-07
3184	474994.83, 3848957.25	2.42636	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.68E-08	-7.87E-08	-3.59E-08	-7.09E-08	-3.55E-09	-8.57E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.68E-09	-1.47E-07
3185	474994.83, 3848982.25	2.20245	-2.79E-04	-1.30E-04	-2.57E-04	-9.65E-08	-2.91E-07	-1.69E-07	-7.88E-08	-7.14E-08	-3.26E-08	-6.44E-08	-3.22E-09	-7.78E-08	-1.72E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.25E-09	-1.33E-07
3186	474994.83, 3849007.25	2.04618	-2.59E-04	-1.21E-04	-2.39E-04	-8.96E-08	-2.71E-07	-1.57E-07	-7.32E-08	-6.64E-08	-3.03E-08	-5.98E-08	-2.99E-09	-7.23E-08	-1.59E-08	-9.94E-09	-1.58E-08	-2.78E-09	-3.94E-09	-1.24E-07
3187	474994.83, 3849032.25	1.82693	-2.31E-04	-1.08E-04	-2.13E-04	-8.00E-08	-2.42E-07	-1.40E-07	-6.54E-08	-5.93E-08	-2.70E-08	-5.34E-08	-2.67E-09	-6.45E-08	-1.42E-08	-8.88E-09	-1.41E-08	-2.48E-09	-3.52E-09	-1.10E-07
3188	474994.83, 3849057.25	1.67514	-2.12E-04	-9.91E-05	-1.96E-04	-7.34E-08	-2.22E-07	-1.28E-07	-5.99E-08	-5.43E-08	-2.48E-08	-4.90E-08	-2.45E-09	-5.92E-08	-1.31E-08	-8.14E-09	-1.29E-08	-2.28E-09	-3.23E-09	-1.01E-07
3189	474994.83, 3849082.25	1.56273	-1.98E-04	-9.24E-05	-1.82E-04	-6.84E-08	-2.07E-07	-1.20E-07	-5.59E-08	-5.07E-08	-2.31E-08	-4.57E-08	-2.29E-09	-5.52E-08	-1.22E-08	-7.59E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.44E-08
3190	474994.83, 3849107.25	1.43202	-1.81E-04	-8.47E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.12E-08	-4.64E-08	-2.12E-08	-4.19E-08	-2.09E-09	-5.06E-08	-1.12E-08	-6.96E-09	-1.10E-08	-1.94E-09	-2.76E-09	-8.65E-08
3191	474994.83, 3849132.25	1.29302	-1.64E-04	-7.65E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.90E-08	-4.63E-08	-4.19E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.28E-09	-9.96E-09	-1.76E-09	-2.49E-09	-7.81E-08
3192	474994.83, 3849157.25	1.20616	-1.53E-04	-7.13E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.23E-08	-4.32E-08	-3.91E-08	-1.79E-08	-3.53E-08	-1.76E-09	-4.26E-08	-9.40E-09	-5.86E-09	-9.30E-09	-1.64E-09	-2.33E-09	-7.29E-08
3193	474994.83, 3849182.25	1.11068	-1.41E-04	-6.57E-05	-1.30E-04	-4.86E-08	-1.47E-07	-8.50E-08	-3.97E-08	-3.60E-08	-1.64E-08	-3.25E-08	-1.62E-09	-3.92E-08	-8.66E-09	-5.40E-09	-8.56E-09	-1.51E-09	-2.14E-09	-6.71E-08
3194	474994.83, 3849207.25	1.02827	-1.30E-04	-6.08E-05	-1.20E-04	-4.50E-08	-1.36E-07	-7.87E-08	-3.68E-08	-3.34E-08	-1.52E-08	-3.01E-08	-1.50E-09	-3.63E-08	-8.02E-09	-5.00E-09	-7.92E-09	-1.40E-09	-1.98E-09	-6.21E-08
3195	474994.83, 3849232.25	0.96363	-1.22E-04	-5.70E-05	-1.13E-04	-4.22E-08	-1.27E-07	-7.38E-08	-3.45E-08	-3.13E-08	-1.43E-08	-2.82E-08	-1.41E-09	-3.40E-08	-7.51E-09	-4.68E-09	-7.43E-09	-1.31E-09	-1.86E-09	-5.82E-08

3196	475019.83, 3848882.25	4.83628	-6.12E-04	-2.86E-04	-5.65E-04	-2.12E-07	-6.40E-07	-3.70E-07	-1.73E-07	-1.57E-07	-7.16E-08	-1.41E-07	-7.07E-09	-1.71E-07	-3.77E-08	-2.35E-08	-3.73E-08	-6.57E-09	-9.32E-09	-2.92E-07
3197	475019.83, 3848907.25	3.77366	-4.77E-04	-2.23E-04	-4.41E-04	-1.65E-07	-4.99E-07	-2.89E-07	-1.35E-07	-1.22E-07	-5.58E-08	-1.10E-07	-5.52E-09	-1.33E-07	-2.94E-08	-1.83E-08	-2.91E-08	-5.13E-09	-7.28E-09	-2.28E-07
3198	475019.83, 3848932.25	3.09535	-3.92E-04	-1.83E-04	-3.61E-04	-1.36E-07	-4.09E-07	-2.37E-07	-1.11E-07	-1.00E-07	-4.58E-08	-9.05E-08	-4.53E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.39E-08	-4.20E-09	-5.97E-09	-1.87E-07
3199	475019.83, 3848957.25	2.66631	-3.37E-04	-1.58E-04	-3.11E-04	-1.17E-07	-3.53E-07	-2.04E-07	-9.54E-08	-8.65E-08	-3.95E-08	-7.79E-08	-3.90E-09	-9.42E-08	-2.08E-08	-1.30E-08	-2.05E-08	-3.62E-09	-5.14E-09	-1.61E-07
3200	475019.83, 3848982.25	2.38494	-3.02E-04	-1.41E-04	-2.79E-04	-1.04E-07	-3.15E-07	-1.83E-07	-8.53E-08	-7.74E-08	-3.53E-08	-6.97E-08	-3.49E-09	-8.42E-08	-1.86E-08	-1.16E-08	-1.84E-08	-3.24E-09	-4.60E-09	-1.44E-07
3201	475019.83, 3849007.25	2.18723	-2.77E-04	-1.29E-04	-2.55E-04	-9.58E-08	-2.89E-07	-1.67E-07	-7.83E-08	-7.09E-08	-3.24E-08	-6.39E-08	-3.20E-09	-7.73E-08	-1.70E-08	-1.06E-08	-1.69E-08	-2.97E-09	-4.22E-09	-1.32E-07
3202	475019.83, 3849032.25	1.94695	-2.46E-04	-1.15E-04	-2.27E-04	-8.53E-08	-2.57E-07	-1.49E-07	-6.97E-08	-6.31E-08	-2.88E-08	-5.69E-08	-2.85E-09	-6.88E-08	-1.52E-08	-9.46E-09	-1.50E-08	-2.64E-09	-3.75E-09	-1.18E-07
3203	475019.83, 3849057.25	1.74342	-2.21E-04	-1.03E-04	-2.04E-04	-7.64E-08	-2.31E-07	-1.33E-07	-6.24E-08	-5.65E-08	-2.58E-08	-5.10E-08	-2.55E-09	-6.16E-08	-1.36E-08	-8.47E-09	-1.34E-08	-2.37E-09	-3.36E-09	-1.05E-07
3204	475019.83, 3849082.25	1.59997	-2.02E-04	-9.46E-05	-1.87E-04	-7.01E-08	-2.12E-07	-1.22E-07	-5.72E-08	-5.19E-08	-2.37E-08	-4.68E-08	-2.34E-09	-5.65E-08	-1.25E-08	-7.77E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.67E-08
3205	475019.83, 3849107.25	1.47376	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.31E-08	-2.16E-09	-5.21E-08	-1.15E-08	-7.16E-09	-1.14E-08	-2.00E-09	-2.84E-09	-8.91E-08
3206	475019.83, 3849132.25	1.35632	-1.72E-04	-8.02E-05	-1.58E-04	-5.94E-08	-1.79E-07	-1.04E-07	-4.85E-08	-4.40E-08	-2.01E-08	-3.96E-08	-1.98E-09	-4.79E-08	-1.06E-08	-6.59E-09	-1.05E-08	-1.84E-09	-2.61E-09	-8.20E-08
3207	475019.83, 3849157.25	1.2729	-1.61E-04	-7.53E-05	-1.49E-04	-5.57E-08	-1.68E-07	-9.74E-08	-4.55E-08	-4.13E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.50E-08	-9.92E-09	-6.18E-09	-9.81E-09	-1.73E-09	-2.45E-09	-7.69E-08
3208	475019.83, 3849182.25	1.16448	-1.47E-04	-6.89E-05	-1.36E-04	-5.10E-08	-1.54E-07	-8.91E-08	-4.17E-08	-3.78E-08	-1.72E-08	-3.40E-08	-1.70E-09	-4.11E-08	-9.08E-09	-5.66E-09	-8.97E-09	-1.58E-09	-2.24E-09	-7.04E-08
3209	475019.83, 3849207.25	1.07051	-1.35E-04	-6.33E-05	-1.25E-04	-4.69E-08	-1.42E-07	-8.19E-08	-3.83E-08	-3.47E-08	-1.58E-08	-3.13E-08	-1.57E-09	-3.78E-08	-8.34E-09	-5.20E-09	-8.25E-09	-1.45E-09	-2.06E-09	-6.47E-08
3210	475019.83, 3849232.25	0.99946	-1.26E-04	-5.91E-05	-1.17E-04	-4.38E-08	-1.32E-07	-7.65E-08	-3.58E-08	-3.24E-08	-1.48E-08	-2.92E-08	-1.46E-09	-3.53E-08	-7.79E-09	-4.86E-09	-7.70E-09	-1.36E-09	-1.93E-09	-6.04E-08
3211	475019.83, 3849257.25	0.94275	-1.19E-04	-5.57E-05	-1.10E-04	-4.13E-08	-1.25E-07	-7.22E-08	-3.37E-08	-3.06E-08	-1.40E-08	-2.76E-08	-1.38E-09	-3.33E-08	-7.35E-09	-4.58E-09	-7.27E-09	-1.28E-09	-1.82E-09	-5.70E-08
3212	475044.83, 3848907.25	4.55269	-5.76E-04	-2.69E-04	-5.32E-04	-1.99E-07	-6.02E-07	-3.49E-07	-1.63E-07	-1.48E-07	-6.74E-08	-1.33E-07	-6.66E-09	-1.61E-07	-3.55E-08	-2.21E-08	-3.51E-08	-6.18E-09	-8.78E-09	-2.75E-07
3213	475044.83, 3848932.25	3.56676	-4.51E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.28E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.84E-09	-6.88E-09	-2.16E-07
3214	475044.83, 3848957.25	2.96172	-3.75E-04	-1.75E-04	-3.46E-04	-1.30E-07	-3.92E-07	-2.27E-07	-1.06E-07	-9.61E-08	-4.38E-08	-8.66E-08	-4.33E-09	-1.05E-07	-2.31E-08	-1.44E-08	-2.28E-08	-4.02E-09	-5.71E-09	-1.79E-07
3215	475044.83, 3848982.25	2.55595	-3.23E-04	-1.51E-04	-2.98E-04	-1.12E-07	-3.38E-07	-1.96E-07	-9.15E-08	-8.29E-08	-3.78E-08	-7.47E-08	-3.74E-09	-9.03E-08	-1.99E-08	-1.24E-08	-1.97E-08	-3.47E-09	-4.93E-09	-1.54E-07
3216	475044.83, 3849007.25	2.27069	-2.87E-04	-1.34E-04	-2.65E-04	-9.94E-08	-3.00E-07	-1.74E-07	-8.12E-08	-7.36E-08	-3.36E-08	-6.64E-08	-3.32E-09	-8.02E-08	-1.77E-08	-1.10E-08	-1.75E-08	-3.08E-09	-4.38E-09	-1.37E-07
3217	475044.83, 3849032.25	2.03095	-2.57E-04	-1.20E-04	-2.37E-04	-8.89E-08	-2.69E-07	-1.55E-07	-7.27E-08	-6.59E-08	-3.01E-08	-5.94E-08	-2.97E-09	-7.17E-08	-1.58E-08	-9.87E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
3218	475044.83, 3849057.25	1.81877	-2.30E-04	-1.08E-04	-2.12E-04	-7.97E-08	-2.41E-07	-1.39E-07	-6.51E-08	-5.90E-08	-2.69E-08	-5.32E-08	-2.66E-09	-6.42E-08	-1.42E-08	-8.84E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3219	475044.83, 3849082.25	1.64136	-2.08E-04	-9.71E-05	-1.92E-04	-7.19E-08	-2.17E-07	-1.26E-07	-5.87E-08	-5.32E-08	-2.43E-08	-4.80E-08	-2.40E-09	-5.80E-08	-1.28E-08	-7.97E-09	-1.26E-08	-2.23E-09	-3.16E-09	-9.92E-08
3220	475044.83, 3849107.25	1.51344	-1.91E-04	-8.95E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.42E-08	-2.21E-09	-5.35E-08	-1.18E-08	-7.35E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
3221	475044.83, 3849132.25	1.42181	-1.80E-04	-8.41E-05	-1.66E-04	-6.23E-08	-1.88E-07	-1.09E-07	-5.09E-08	-4.61E-08	-2.10E-08	-4.16E-08	-2.08E-09	-5.02E-08	-1.11E-08	-6.91E-09	-1.10E-08	-1.93E-09	-2.74E-09	-8.59E-08
3222	475044.83, 3849157.25	1.32004	-1.67E-04	-7.81E-05	-1.54E-04	-5.78E-08	-1.75E-07	-1.01E-07	-4.72E-08	-4.28E-08	-1.95E-08	-3.86E-08	-1.93E-09	-4.66E-08	-1.03E-08	-6.41E-09	-1.02E-08	-1.79E-09	-2.54E-09	-7.98E-08
3223	475044.83, 3849182.25	1.21291	-1.53E-04	-7.17E-05	-1.42E-04	-5.31E-08	-1.60E-07	-9.28E-08	-4.34E-08	-3.93E-08	-1.80E-08	-3.55E-08	-1.77E-09	-4.28E-08	-9.45E-09	-5.89E-09	-9.35E-09	-1.65E-09	-2.34E-09	-7.33E-08
3224	475044.83, 3849207.25	1.11449	-1.41E-04	-6.59E-05	-1.30E-04	-4.88E-08	-1.47E-07	-8.53E-08	-3.99E-08	-3.61E-08	-1.65E-08	-3.26E-08	-1.63E-09	-3.94E-08	-8.69E-09	-5.41E-09	-8.59E-09	-1.51E-09	-2.15E-09	-6.74E-08
3225	475044.83, 3849232.25	1.03886	-1.31E-04	-6.14E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.95E-08	-3.72E-08	-3.37E-08	-1.54E-08	-3.04E-08	-1.52E-09	-3.67E-08	-8.10E-09	-5.05E-09	-8.01E-09	-1.41E-09	-2.00E-09	-6.28E-08
3226	475044.83, 3849257.25	0.97797	-1.24E-04	-5.78E-05	-1.14E-04	-4.28E-08	-1.29E-07	-7.49E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.45E-08	-7.62E-09	-4.75E-09	-7.54E-09	-1.33E-09	-1.89E-09	-5.91E-08
3227	475044.83, 3849282.25	0.92106	-1.17E-04	-5.45E-05	-1.08E-04	-4.03E-08	-1.22E-07	-7.05E-08	-3.30E-08	-2.99E-08	-1.36E-08	-2.69E-08	-1.35E-09	-3.25E-08	-7.18E-09	-4.47E-09	-7.10E-09	-1.25E-09	-1.78E-09	-5.57E-08
3228	475069.83, 3848932.25	4.26339	-5.39E-04	-2.52E-04	-4.98E-04	-1.87E-07	-5.64E-07	-3.26E-07	-1.53E-07	-1.38E-07	-6.31E-08	-1.25E-07	-6.23E-09	-1.51E-07	-3.32E-08	-2.07E-08	-3.29E-08	-5.79E-09	-8.22E-09	-2.58E-07
3229	475069.83, 3848957.25	3.37553	-4.27E-04	-2.00E-04	-3.94E-04	-1.48E-07	-4.46E-07	-2.58E-07	-1.21E-07	-1.09E-07	-5.00E-08	-9.87E-08	-4.94E-09	-1.19E-07	-2.63E-08	-1.64E-08	-2.60E-08	-4.58E-09	-6.51E-09	-2.04E-07
3230	475069.83, 3848982.25	2.81231	-3.56E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.72E-07	-2.15E-07	-1.01E-07	-9.12E-08	-4.16E-08	-8.22E-08	-4.11E-09	-9.93E-08	-2.19E-08	-1.37E-08	-2.17E-08	-3.82E-09	-5.42E-09	-1.70E-07
3231	475069.83, 3849007.25	2.42363	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.20E-07	-1.86E-07	-8.67E-08	-7.86E-08	-3.59E-08	-7.08E-08	-3.54E-09	-8.56E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.29E-09	-4.67E-09	-1.46E-07
3232	475069.83, 3849032.25	2.12875	-2.69E-04	-1.26E-04	-2.49E-04	-9.32E-08	-2.81E-07	-1.63E-07	-7.62E-08	-6.90E-08	-3.15E-08	-6.22E-08	-3.11E-09	-7.52E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.29E-07
3233	475069.83, 3849057.25	1.90254	-2.41E-04	-1.13E-04	-2.22E-04	-8.33E-08	-2.52E-07	-1.46E-07	-6.81E-08	-6.17E-08	-2.82E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
3234	475069.83, 3849082.25	1.71557	-2.17E-04	-1.01E-04	-2.00E-04	-7.51E-08	-2.27E-07	-1.31E-07	-6.14E-08	-5.56E-08	-2.54E-08	-5.01E-08	-2.51E-09	-6.06E-08	-1.34E-08	-8.33E-09	-1.32E-08	-2.33E-09	-3.31E-09	-1.04E-07
3235	475069.83, 3849107.25	1.56895	-1.98E-04	-9.28E-05	-1.83E-04	-6.87E-08	-2.07E-07	-1.20E-07	-5.61E-08	-5.09E-08	-2.32E-08	-4.59E-08	-2.29E-09	-5.54E-08	-1.22E-08	-7.62E-09	-1.21E-08	-2.13E-09	-3.02E-09	-9.48E-08
3236	475069.83, 3849132.25	1.45294	-1.84E-04	-8.59E-05	-1.70E-04	-6.36E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.12E-09	-5.13E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
3237	475069.83, 3849157.25	1.34502	-1.70E-04	-7.95E-05	-1.57E-04	-5.89E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.97E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.83E-09	-2.59E-09	-8.13E-08
3238	475069.83, 3849182.25	1.25271	-1.58E-04	-7.41E-05	-1.46E-04	-5.49E-08	-1.66E-07	-9.59E-08	-4.48E-08	-4.06E-08	-1.85E-08	-3.66E-08	-1.83E-09	-4.43E-08	-9.76E-09	-6.09E-09	-9.65E-09	-1.70E-09	-2.42E-09	-7.57E-08
3239	475069.83, 3849207.25	1.15768	-1.46E-04	-6.85E-05	-1.35E-04	-5.07E-08	-1.53E-07	-8.86E-08	-4.14E-08	-3.75E-08	-1.71E-08	-3.38E-08	-1.69E-09	-4.09E-08	-9.02E-09	-5.62E-09	-8.92E-09	-1.57E-09	-2.23E-09	-7.00E-08
3240	475069.83, 3849232.25	1.07988	-1.37E-04	-6.39E-05	-1.26E-04	-4.73E-08	-1.43E-07	-8.27E-08	-3.86E-08	-3.50E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.81E-08	-8.42E-09	-5.25E-09	-8.32E-09	-1.47E-09	-2.08E-09	-6.53E-08
3241	475069.83, 3849257.25	1.0151	-1.28E-04	-6.00E-05	-1.19E-04	-4.45E-08	-1.34E-07	-7.77E-08	-3.63E-08	-3.29E-08	-1.50E-08	-2.97E-08	-1.48E-09	-3.59E-08	-7.91E-09	-4.93E-09	-7.82E-09	-1.38E-09	-1.96E-09	-6.13E-08
3242	475069.83, 3849282.25	0.95269	-1.21E-04	-5.63E-05	-1.11E-04	-4.17E-08	-1.26E-07	-7.29E-08	-3.41E-08	-3.09E-08	-1.41E-08	-2.78E-08	-1.39E-09	-3.37E-08	-7.43E-09	-4.63E-09	-7.34E-09	-1.29E-09	-1.84E-09	-5.76E-08
3243	475069.83, 3849307.25	0.89894	-1.14E-04	-5.32E-05	-1.05E-04	-3.94E-08	-1.19E-07	-6.88E-08	-3.22E-08	-2.92E-08	-1.33E-08	-2.63E-08	-1.31E-09	-3.18E-08	-7.01E-09	-4.37E-09	-6.93E-09	-1.22E-09	-1.73E-09	-5.43E-08
3244	475094.83, 3848932.25	5.48562	-6.94E-04	-3.24E-04	-6.41E-04	-2.40E-07	-7.25E-07	-4.20E-07	-1.96E-07	-1.78E-07	-8.12E-08	-1.60E-07	-8.02E-09	-1.94E-07	-4.28E-08	-2.66E-08	-4.23E-08	-7.45E-09	-1.06E-08	-3.32E-07
3245	475094.83, 3848957.25	4.00754	-5.07E-04	-2.37E-04	-4.68E-04	-1.76E-07	-5.30E-07	-3.07E-07	-1.43E-07	-1.30E-07	-5.93E-08	-1.17E-07	-5.86E-09	-1.42E-07	-3.12E-08	-1.95E-08	-3.09E-08	-5.44E-09	-7.73E-09	-2.42E-07
3246	475094.83, 3848982.25	3.22395	-4.08E-04	-1.91E-04	-3.77E-04	-1.41E-07	-4.26E-07	-2.47E-07	-1.15E-07	-1.05E-07	-4.77E-08	-9.42E-08	-4.71E-09	-1.14E-07	-2.51E-08	-1.57E-08	-2.48E-08	-4.38E-09	-6.22E-09	-1.95E-07
3247	475094.83, 3849007.25	2.69322	-3.41E-04	-1.59E-04	-3.15E-04	-1.18E-07	-3.56E-07	-2.06E-07	-9.64E-08	-8.74E-08	-3.99E-08	-7.87E-08	-3.94E-09	-9.51E-08	-2.10E-08	-1.31E-08	-2.08E-08	-3.66E-09	-5.19E-09	-1.63E-07
3248	475094.83, 3849032.25	2.31756	-2.93E-04	-1.37E-04	-2.71E-04	-1.01E-07	-3.06E-07	-1.77E-07	-8.29E-08	-7.52E-08	-3.43E-08	-6.77E-08	-3.39E-09	-8.19E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.15E-09	-4.47E-09	-1.40E-07
3249	475094.83, 3849057.25	2.03671	-2.58E-04	-1.20E-04	-2.38E-04	-8.92E-08	-2.69E-07	-1.56E-07	-7.29E-08	-6.61E-08	-3.01E-08	-5.95E-08	-2.98E-09	-7.19E-08	-1.59E-08	-9.89E-09	-1.57E-08	-2.77E-09	-3.93E-09	-1.23E-07
3250	475094.83, 3849082.25	1.82966	-2.31E-04	-1.08E-04	-2.14E-04	-8.01E-08	-2.42E-07	-1.40E-07	-6.55E-08	-5.93E-08	-2.71E-08	-5.35E-08	-2.68E-09	-6.46E-08	-1.43E-08	-8.89E-09	-1.41E-08	-2.49E-09	-3.53E-09	-1.11E-07
3251	475094.83, 3849107.25	1.66311	-2.10E-04	-9.83E-05	-1.94E-04	-7.28E-08	-2.20E-07	-1.27E-07	-5.95E-08	-5.39E-08	-2.46E-08	-4.86E-08	-2.43E-09	-5.87E-08	-1.30E-08	-8.08E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
3252	475094.83, 3849132.25	1.51907	-1.92E-04	-8.98E-05	-1.77E-04	-6.65E-08	-2.01E-07	-1.16E-07	-5.44E-08	-4.93E-08	-2.25E-08	-4.44E-08	-2.22E-09	-5.37E-08	-1.18E-08	-7.38E-09	-1.17E-08	-2.06E-09	-2.93E-09	-9.18E-08
3253	475094.83, 3849157.25	1.39049	-1.76E-04	-8.22E-05	-1.62E-04	-6.09E-08	-1.84E-07	-1.06E-07	-4.98E-08	-4.51E-08	-2.06E-08	-4.06E-08	-2.03E-09	-4.91E-08	-1.08E-08	-6.75E-09	-1.07E-08	-1.89E-09	-2.68E-09	-8.40E-08
3254	475094.83, 3849182.25	1.31635	-1.67E-04	-7.78E-05	-1.54E-04	-5.76E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.39E-09	-1.01E-08	-1.79E-09	-2.54E-09	-7.96E-08
3255	475094.83, 3849207.25	1.21625	-1.54E-04	-7.19E-05	-1.42E-04	-5.33E-08	-1.61E-07	-9.31E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.30E-08	-9.48E-09	-5.91E-09	-9.37E-09	-1.65E-09	-2.34E-09	-7.35E-08
3256	475094.83, 3849232.25	1.1263	-1.42E-04	-6.66E-05	-1.32E-04	-4.93E-08	-1.49E-07	-8.62E-08	-4.03E-08	-3.65E-08	-1.67E-08	-3.29E-08	-1.65E-09	-3.98E-08	-8.78E-09	-5.47E-09	-8.68E-09	-1.53E-09	-2.17E-09	-6.81E-08
3257	475094.83, 3849257.25	1.05208	-1.33E-04	-6.22E-05	-1.23E-04	-4.61E-08	-1.39E-07	-8.05E-08	-3.76E-08	-3.41E-08	-1.56E-08	-3.07E-08	-1.54E-09	-3.72E-08	-8.20E-09	-5.11E-09	-8.11E-09	-1.43E-09	-2.03E-09	-6.36E-08
3258	475094.83, 3849282.25	0.98579	-1.25E-04	-5.83E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.48E-08	-7.68E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
3259	475094.83, 3849307.25	0.9292	-1.18E-04	-5.49E-05	-1.09E-04	-4.07E-08	-1.23E-07	-7.11E-08	-3.32E-08	-3.01E-08	-1.38E-08	-2.72E-08	-1.36E-09	-3.28E-08	-7.24E-09	-4.51E-09	-7.16E-09	-1.26E-09	-1.79E-09	-5.62E-08

3260	475119.83, 3848957.25	5.08343	-6.43E-04	-3.01E-04	-5.94E-04	-2.23E-07	-6.72E-07	-3.89E-07	-1.82E-07	-1.65E-07	-7.52E-08	-1.49E-07	-7.43E-09	-1.80E-07	-3.96E-08	-2.47E-08	-3.92E-08	-6.90E-09	-9.80E-09	-3.07E-07
3261	475119.83, 3848982.25	3.75336	-4.75E-04	-2.22E-04	-4.38E-04	-1.64E-07	-4.96E-07	-2.87E-07	-1.34E-07	-1.22E-07	-5.55E-08	-1.10E-07	-5.49E-09	-1.33E-07	-2.93E-08	-1.82E-08	-2.89E-08	-5.10E-09	-7.24E-09	-2.27E-07
3262	475119.83, 3849007.25	3.03977	-3.85E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.86E-08	-4.50E-08	-8.88E-08	-4.45E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.86E-09	-1.84E-07
3263	475119.83, 3849032.25	2.57403	-3.26E-04	-1.52E-04	-3.01E-04	-1.13E-07	-3.40E-07	-1.97E-07	-9.21E-08	-8.35E-08	-3.81E-08	-7.52E-08	-3.76E-09	-9.09E-08	-2.01E-08	-1.25E-08	-1.98E-08	-3.50E-09	-4.96E-09	-1.56E-07
3264	475119.83, 3849057.25	2.2277	-2.82E-04	-1.32E-04	-2.60E-04	-9.76E-08	-2.95E-07	-1.71E-07	-7.97E-08	-7.23E-08	-3.30E-08	-6.51E-08	-3.26E-09	-7.87E-08	-1.74E-08	-1.08E-08	-1.72E-08	-3.03E-09	-4.29E-09	-1.35E-07
3265	475119.83, 3849082.25	1.98602	-2.51E-04	-1.17E-04	-2.32E-04	-8.70E-08	-2.63E-07	-1.52E-07	-7.11E-08	-6.44E-08	-2.94E-08	-5.80E-08	-2.90E-09	-7.02E-08	-1.55E-08	-9.65E-09	-1.53E-08	-2.70E-09	-3.83E-09	-1.20E-07
3266	475119.83, 3849107.25	1.78864	-2.26E-04	-1.06E-04	-2.09E-04	-7.83E-08	-2.37E-07	-1.37E-07	-6.40E-08	-5.80E-08	-2.65E-08	-5.23E-08	-2.62E-09	-6.32E-08	-1.39E-08	-8.69E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
3267	475119.83, 3849132.25	1.61477	-2.04E-04	-9.55E-05	-1.89E-04	-7.07E-08	-2.14E-07	-1.24E-07	-5.78E-08	-5.24E-08	-2.39E-08	-4.72E-08	-2.36E-09	-5.70E-08	-1.26E-08	-7.84E-09	-1.24E-08	-2.19E-09	-3.11E-09	-9.76E-08
3268	475119.83, 3849157.25	1.47257	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.30E-08	-2.15E-09	-5.20E-08	-1.15E-08	-7.15E-09	-1.13E-08	-2.00E-09	-2.84E-09	-8.90E-08
3269	475119.83, 3849182.25	1.38751	-1.76E-04	-8.20E-05	-1.62E-04	-6.08E-08	-1.83E-07	-1.06E-07	-4.96E-08	-4.50E-08	-2.05E-08	-4.06E-08	-2.03E-09	-4.90E-08	-1.08E-08	-6.74E-09	-1.07E-08	-1.88E-09	-2.67E-09	-8.39E-08
3270	475119.83, 3849207.25	1.28647	-1.63E-04	-7.61E-05	-1.50E-04	-5.63E-08	-1.70E-07	-9.85E-08	-4.60E-08	-4.17E-08	-1.90E-08	-3.76E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.25E-09	-9.91E-09	-1.75E-09	-2.48E-09	-7.77E-08
3271	475119.83, 3849232.25	1.18682	-1.50E-04	-7.02E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.09E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.19E-08	-9.25E-09	-5.77E-09	-9.15E-09	-1.61E-09	-2.29E-09	-7.17E-08
3272	475119.83, 3849257.25	1.09829	-1.39E-04	-6.49E-05	-1.28E-04	-4.81E-08	-1.45E-07	-8.41E-08	-3.93E-08	-3.56E-08	-1.63E-08	-3.21E-08	-1.61E-09	-3.88E-08	-8.56E-09	-5.34E-09	-8.46E-09	-1.49E-09	-2.12E-09	-6.64E-08
3273	475119.83, 3849282.25	1.02108	-1.29E-04	-6.04E-05	-1.19E-04	-4.47E-08	-1.35E-07	-7.82E-08	-3.65E-08	-3.31E-08	-1.51E-08	-2.98E-08	-1.49E-09	-3.61E-08	-7.96E-09	-4.96E-09	-7.87E-09	-1.39E-09	-1.97E-09	-6.17E-08
3274	475119.83, 3849307.25	0.95775	-1.21E-04	-5.66E-05	-1.12E-04	-4.19E-08	-1.27E-07	-7.33E-08	-3.43E-08	-3.11E-08	-1.42E-08	-2.80E-08	-1.40E-09	-3.38E-08	-7.47E-09	-4.65E-09	-7.38E-09	-1.30E-09	-1.85E-09	-5.79E-08
3275	475119.83, 3849332.25	0.90144	-1.14E-04	-5.33E-05	-1.05E-04	-3.95E-08	-1.19E-07	-6.90E-08	-3.23E-08	-2.92E-08	-1.33E-08	-2.63E-08	-1.32E-09	-3.18E-08	-7.03E-09	-4.38E-09	-6.95E-09	-1.22E-09	-1.74E-09	-5.45E-08
3276	475144.83, 3848982.25	4.54557	-5.75E-04	-2.69E-04	-5.31E-04	-1.99E-07	-6.01E-07	-3.48E-07	-1.63E-07	-1.47E-07	-6.73E-08	-1.33E-07	-6.65E-09	-1.61E-07	-3.54E-08	-2.21E-08	-3.50E-08	-6.17E-09	-8.76E-09	-2.75E-07
3277	475144.83, 3849007.25	3.5057	-4.44E-04	-2.07E-04	-4.09E-04	-1.54E-07	-4.64E-07	-2.68E-07	-1.25E-07	-1.14E-07	-5.19E-08	-1.02E-07	-5.13E-09	-1.24E-07	-2.73E-08	-1.70E-08	-2.70E-08	-4.76E-09	-6.76E-09	-2.12E-07
3278	475144.83, 3849032.25	2.93533	-3.71E-04	-1.74E-04	-3.43E-04	-1.29E-07	-3.88E-07	-2.25E-07	-1.05E-07	-9.52E-08	-4.34E-08	-8.58E-08	-4.29E-09	-1.04E-07	-2.29E-08	-1.43E-08	-2.26E-08	-3.99E-09	-5.66E-09	-1.77E-07
3279	475144.83, 3849057.25	2.48085	-3.14E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.28E-07	-1.90E-07	-8.88E-08	-8.05E-08	-3.67E-08	-7.25E-08	-3.63E-09	-8.76E-08	-1.93E-08	-1.21E-08	-1.91E-08	-3.37E-09	-4.78E-09	-1.50E-07
3280	475144.83, 3849082.25	2.15911	-2.73E-04	-1.28E-04	-2.52E-04	-9.46E-08	-2.86E-07	-1.65E-07	-7.73E-08	-7.00E-08	-3.20E-08	-6.31E-08	-3.16E-09	-7.63E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.16E-09	-1.30E-07
3281	475144.83, 3849107.25	1.90584	-2.41E-04	-1.13E-04	-2.23E-04	-8.35E-08	-2.52E-07	-1.46E-07	-6.82E-08	-6.18E-08	-2.82E-08	-5.57E-08	-2.79E-09	-6.73E-08	-1.49E-08	-9.26E-09	-1.47E-08	-2.59E-09	-3.67E-09	-1.15E-07
3282	475144.83, 3849132.25	1.70847	-2.16E-04	-1.01E-04	-2.00E-04	-7.48E-08	-2.26E-07	-1.31E-07	-6.11E-08	-5.54E-08	-2.53E-08	-4.99E-08	-2.50E-09	-6.04E-08	-1.33E-08	-8.30E-09	-1.32E-08	-2.32E-09	-3.29E-09	-1.03E-07
3283	475144.83, 3849157.25	1.5826	-2.00E-04	-9.36E-05	-1.85E-04	-6.93E-08	-2.09E-07	-1.21E-07	-5.66E-08	-5.13E-08	-2.34E-08	-4.63E-08	-2.31E-09	-5.59E-08	-1.23E-08	-7.69E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.56E-08
3284	475144.83, 3849182.25	1.45366	-1.84E-04	-8.60E-05	-1.70E-04	-6.37E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.14E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
3285	475144.83, 3849207.25	1.35985	-1.72E-04	-8.04E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.41E-08	-2.01E-08	-3.97E-08	-1.99E-09	-4.80E-08	-1.06E-08	-6.61E-09	-1.05E-08	-1.85E-09	-2.62E-09	-8.22E-08
3286	475144.83, 3849232.25	1.2655	-1.60E-04	-7.48E-05	-1.48E-04	-5.54E-08	-1.67E-07	-9.69E-08	-4.53E-08	-4.10E-08	-1.87E-08	-3.70E-08	-1.85E-09	-4.47E-08	-9.86E-09	-6.15E-09	-9.75E-09	-1.72E-09	-2.44E-09	-7.65E-08
3287	475144.83, 3849257.25	1.16107	-1.47E-04	-6.87E-05	-1.36E-04	-5.08E-08	-1.54E-07	-8.89E-08	-4.15E-08	-3.77E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.05E-09	-5.64E-09	-8.95E-09	-1.58E-09	-2.24E-09	-7.02E-08
3288	475144.83, 3849282.25	1.06137	-1.34E-04	-6.28E-05	-1.24E-04	-4.65E-08	-1.40E-07	-8.12E-08	-3.80E-08	-3.44E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.75E-08	-8.27E-09	-5.16E-09	-8.18E-09	-1.44E-09	-2.05E-09	-6.41E-08
3289	475144.83, 3849307.25	0.98682	-1.25E-04	-5.84E-05	-1.15E-04	-4.32E-08	-1.30E-07	-7.55E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.88E-08	-1.44E-09	-3.49E-08	-7.69E-09	-4.79E-09	-7.60E-09	-1.34E-09	-1.90E-09	-5.96E-08
3290	475144.83, 3849332.25	0.92598	-1.17E-04	-5.48E-05	-1.08E-04	-4.06E-08	-1.22E-07	-7.09E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.71E-08	-1.35E-09	-3.27E-08	-7.22E-09	-4.50E-09	-7.14E-09	-1.26E-09	-1.79E-09	-5.60E-08
3291	475169.83, 3849007.25	4.16123	-5.26E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.50E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.16E-08	-1.22E-07	-6.09E-09	-1.47E-07	-3.24E-08	-2.02E-08	-3.21E-08	-5.65E-09	-8.02E-09	-2.51E-07
3292	475169.83, 3849032.25	3.4067	-4.31E-04	-2.01E-04	-3.98E-04	-1.49E-07	-4.50E-07	-2.61E-07	-1.22E-07	-1.10E-07	-5.04E-08	-9.96E-08	-4.98E-09	-1.20E-07	-2.66E-08	-1.65E-08	-2.63E-08	-4.63E-09	-6.57E-09	-2.06E-07
3293	475169.83, 3849057.25	2.75793	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.87E-08	-8.95E-08	-4.08E-08	-8.06E-08	-4.03E-09	-9.74E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.32E-09	-1.67E-07
3294	475169.83, 3849082.25	2.34155	-2.96E-04	-1.38E-04	-2.73E-04	-1.03E-07	-3.10E-07	-1.79E-07	-8.38E-08	-7.59E-08	-3.47E-08	-6.84E-08	-3.42E-09	-8.27E-08	-1.83E-08	-1.14E-08	-1.80E-08	-3.18E-09	-4.51E-09	-1.42E-07
3295	475169.83, 3849107.25	2.0461	-2.59E-04	-1.21E-04	-2.39E-04	-8.96E-08	-2.71E-07	-1.57E-07	-7.32E-08	-6.64E-08	-3.03E-08	-5.98E-08	-2.99E-09	-7.23E-08	-1.59E-08	-9.94E-09	-1.58E-08	-2.78E-09	-3.94E-09	-1.24E-07
3296	475169.83, 3849132.25	1.83058	-2.32E-04	-1.08E-04	-2.14E-04	-8.02E-08	-2.42E-07	-1.40E-07	-6.55E-08	-5.94E-08	-2.71E-08	-5.35E-08	-2.68E-09	-6.47E-08	-1.43E-08	-8.89E-09	-1.41E-08	-2.49E-09	-3.53E-09	-1.11E-07
3297	475169.83, 3849157.25	1.69916	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.97E-08	-2.48E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
3298	475169.83, 3849182.25	1.53731	-1.94E-04	-9.09E-05	-1.80E-04	-6.73E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.99E-08	-2.28E-08	-4.49E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.47E-09	-1.18E-08	-2.09E-09	-2.96E-09	-9.29E-08
3299	475169.83, 3849207.25	1.44534	-1.83E-04	-8.55E-05	-1.69E-04	-6.33E-08	-1.91E-07	-1.11E-07	-5.17E-08	-4.69E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.11E-08	-1.13E-08	-7.02E-09	-1.11E-08	-1.96E-09	-2.79E-09	-8.73E-08
3300	475169.83, 3849232.25	1.34337	-1.70E-04	-7.94E-05	-1.57E-04	-5.88E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.96E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.82E-09	-2.59E-09	-8.12E-08
3301	475169.83, 3849257.25	1.21877	-1.54E-04	-7.21E-05	-1.42E-04	-5.34E-08	-1.61E-07	-9.33E-08	-4.36E-08	-3.95E-08	-1.80E-08	-3.56E-08	-1.78E-09	-4.31E-08	-9.50E-09	-5.92E-09	-9.39E-09	-1.66E-09	-2.35E-09	-7.37E-08
3302	475169.83, 3849282.25	1.10632	-1.40E-04	-6.54E-05	-1.29E-04	-4.85E-08	-1.46E-07	-8.47E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.62E-09	-5.37E-09	-8.53E-09	-1.50E-09	-2.13E-09	-6.69E-08
3303	475169.83, 3849307.25	1.02173	-1.29E-04	-6.04E-05	-1.19E-04	-4.47E-08	-1.35E-07	-7.82E-08	-3.66E-08	-3.31E-08	-1.51E-08	-2.99E-08	-1.49E-09	-3.61E-08	-7.96E-09	-4.96E-09	-7.87E-09	-1.39E-09	-1.97E-09	-6.17E-08
3304	475169.83, 3849332.25	0.95442	-1.21E-04	-5.64E-05	-1.11E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.41E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
3305	475194.83, 3849007.25	5.40426	-6.84E-04	-3.20E-04	-6.31E-04	-2.37E-07	-7.15E-07	-4.14E-07	-1.93E-07	-1.75E-07	-8.00E-08	-1.58E-07	-7.90E-09	-1.91E-07	-4.21E-08	-2.63E-08	-4.16E-08	-7.34E-09	-1.04E-08	-3.27E-07
3306	475194.83, 3849032.25	3.89306	-4.93E-04	-2.30E-04	-4.55E-04	-1.70E-07	-5.15E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.76E-08	-1.14E-07	-5.69E-09	-1.38E-07	-3.03E-08	-1.89E-08	-3.00E-08	-5.29E-09	-7.51E-09	-2.35E-07
3307	475194.83, 3849057.25	3.0959	-3.92E-04	-1.83E-04	-3.62E-04	-1.36E-07	-4.09E-07	-2.37E-07	-1.11E-07	-1.00E-07	-4.58E-08	-9.05E-08	-4.53E-09	-1.09E-07	-2.41E-08	-1.50E-08	-2.39E-08	-4.20E-09	-5.97E-09	-1.87E-07
3308	475194.83, 3849082.25	2.58259	-3.27E-04	-1.53E-04	-3.02E-04	-1.13E-07	-3.42E-07	-1.98E-07	-9.24E-08	-8.38E-08	-3.82E-08	-7.55E-08	-3.78E-09	-9.12E-08	-2.01E-08	-1.25E-08	-1.99E-08	-3.51E-09	-4.98E-09	-1.56E-07
3309	475194.83, 3849107.25	2.22613	-2.82E-04	-1.32E-04	-2.60E-04	-9.75E-08	-2.94E-07	-1.70E-07	-7.97E-08	-7.22E-08	-3.29E-08	-6.51E-08	-3.26E-09	-7.86E-08	-1.74E-08	-1.08E-08	-1.72E-08	-3.02E-09	-4.29E-09	-1.35E-07
3310	475194.83, 3849132.25	1.97211	-2.49E-04	-1.17E-04	-2.30E-04	-8.64E-08	-2.61E-07	-1.51E-07	-7.06E-08	-6.40E-08	-2.92E-08	-5.76E-08	-2.88E-09	-6.97E-08	-1.54E-08	-9.58E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
3311	475194.83, 3849157.25	1.80472	-2.28E-04	-1.07E-04	-2.11E-04	-7.90E-08	-2.39E-07	-1.38E-07	-6.46E-08	-5.85E-08	-2.67E-08	-5.27E-08	-2.64E-09	-6.38E-08	-1.41E-08	-8.77E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07
3312	475194.83, 3849182.25	1.63358	-2.07E-04	-9.66E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.30E-08	-2.42E-08	-4.77E-08	-2.39E-09	-5.77E-08	-1.27E-08	-7.94E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.87E-08
3313	475194.83, 3849207.25	1.51813	-1.92E-04	-8.98E-05	-1.77E-04	-6.65E-08	-2.01E-07	-1.16E-07	-5.43E-08	-4.92E-08	-2.25E-08	-4.44E-08	-2.22E-09	-5.36E-08	-1.18E-08	-7.37E-09	-1.17E-08	-2.06E-09	-2.93E-09	-9.17E-08
3314	475194.83, 3849232.25	1.40426	-1.78E-04	-8.30E-05	-1.64E-04	-6.15E-08	-1.86E-07	-1.07E-07	-5.02E-08	-4.55E-08	-2.08E-08	-4.10E-08	-2.05E-09	-4.96E-08	-1.09E-08	-6.82E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.49E-08
3315	475194.83, 3849257.25	1.27866	-1.62E-04	-7.56E-05	-1.49E-04	-5.60E-08	-1.69E-07	-9.79E-08	-4.58E-08	-4.15E-08	-1.89E-08	-3.74E-08	-1.87E-09	-4.52E-08	-9.97E-09	-6.21E-09	-9.85E-09	-1.74E-09	-2.47E-09	-7.73E-08
3316	475194.83, 3849282.25	1.15945	-1.47E-04	-6.86E-05	-1.35E-04	-5.08E-08	-1.53E-07	-8.88E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.70E-09	-4.10E-08	-9.04E-09	-5.63E-09	-8.94E-09	-1.57E-09	-2.24E-09	-7.01E-08
3317	475194.83, 3849307.25	1.05896	-1.34E-04	-6.26E-05	-1.24E-04	-4.64E-08	-1.40E-07	-8.11E-08	-3.79E-08	-3.43E-08	-1.57E-08	-3.10E-08	-1.55E-09	-3.74E-08	-8.25E-09	-5.14E-09	-8.16E-09	-1.44E-09	-2.04E-09	-6.40E-08
3318	475194.83, 3849332.25	0.98777	-1.25E-04	-5.84E-05	-1.15E-04	-4.33E-08	-1.31E-07	-7.56E-08	-3.53E-08	-3.20E-08	-1.46E-08	-2.89E-08	-1.44E-09	-3.49E-08	-7.70E-09	-4.80E-09	-7.61E-09	-1.34E-09	-1.90E-09	-5.97E-08
3319	475194.83, 3849357.25	0.92523	-1.17E-04	-5.47E-05	-1.08E-04	-4.05E-08	-1.22E-07	-7.08E-08	-3.31E-08	-3.00E-08	-1.37E-08	-2.70E-08	-1.35E-09	-3.27E-08	-7.21E-09	-4.49E-09	-7.13E-09	-1.26E-09	-1.78E-09	-5.59E-08
3320	475219.83, 3849032.25	4.79227	-6.06E-04	-2.83E-04	-5.60E-04	-2.10E-07	-6.34E-07	-3.67E-07	-1.71E-07	-1.55E-07	-7.09E-08	-1.40E-07	-7.01E-09	-1.69E-07	-3.74E-08	-2.33E-08	-3.69E-08	-6.51E-09	-9.24E-09	-2.90E-07
3321	475219.83, 3849057.25	3.59591	-4.55E-04	-2.13E-04	-4.20E-04	-1.57E-07	-4.75E-07	-2.75E-07	-1.29E-07	-1.17E-07	-5.32E-08	-1.05E-07	-5.26E-09	-1.27E-07	-2.80E-08	-1.75E-08	-2.77E-08	-4.88E-09	-6.93E-09	-2.17E-07
3322	475219.83, 3849082.25	2.89213	-3.66E-04	-1.71E-04	-3.38E-04	-1.27E-07	-3.82E-07	-2.21E-07	-1.03E-07	-9.38E-08	-4.28E-08	-8.45E-08	-4.23E-09	-1.02E-07	-2.25E-08	-1.40E-08	-2.23E-08	-3.93E-09	-5.58E-09	-1.75E-07
3323	475219.83, 3849107.25	2.43508	-3.08E-04	-1.44E-04	-2.84E-04	-1.07E-07	-3.22E-07	-1.86E-07	-8.71E-08	-7.90E-08	-3.60E-08	-7.12E-08	-3.56E-09	-8.60E-08	-1.90E-08	-1.18E-08	-1.88E-08	-3.31E-09	-4.69E-09	-1.47E-07

3324	475219.83, 3849132.25	2.1231	-2.69E-04	-1.26E-04	-2.48E-04	-9.30E-08	-2.81E-07	-1.63E-07	-7.60E-08	-6.89E-08	-3.14E-08	-6.21E-08	-3.10E-09	-7.50E-08	-1.65E-08	-1.03E-08	-1.64E-08	-2.88E-09	-4.09E-09	-1.28E-07
3325	475219.83, 3849157.25	1.9017	-2.41E-04	-1.12E-04	-2.22E-04	-8.33E-08	-2.51E-07	-1.46E-07	-6.80E-08	-6.17E-08	-2.81E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
3326	475219.83, 3849182.25	1.72488	-2.18E-04	-1.02E-04	-2.01E-04	-7.55E-08	-2.28E-07	-1.32E-07	-6.17E-08	-5.59E-08	-2.55E-08	-5.04E-08	-2.52E-09	-6.09E-08	-1.34E-08	-8.38E-09	-1.33E-08	-2.34E-09	-3.33E-09	-1.04E-07
3327	475219.83, 3849207.25	1.57935	-2.00E-04	-9.34E-05	-1.84E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.65E-08	-5.12E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.67E-09	-1.22E-08	-2.15E-09	-3.04E-09	-9.54E-08
3328	475219.83, 3849232.25	1.46519	-1.85E-04	-8.66E-05	-1.71E-04	-6.42E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.18E-08	-1.14E-08	-7.12E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.85E-08
3329	475219.83, 3849257.25	1.3529	-1.71E-04	-8.00E-05	-1.58E-04	-5.92E-08	-1.79E-07	-1.04E-07	-4.84E-08	-4.39E-08	-2.00E-08	-3.95E-08	-1.98E-09	-4.78E-08	-1.05E-08	-6.57E-09	-1.04E-08	-1.84E-09	-2.61E-09	-8.18E-08
3330	475219.83, 3849282.25	1.21609	-1.54E-04	-7.19E-05	-1.42E-04	-5.33E-08	-1.61E-07	-9.31E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.30E-08	-9.48E-09	-5.91E-09	-9.37E-09	-1.65E-09	-2.34E-09	-7.35E-08
3331	475219.83, 3849307.25	1.10168	-1.39E-04	-6.51E-05	-1.29E-04	-4.82E-08	-1.46E-07	-8.43E-08	-3.94E-08	-3.57E-08	-1.63E-08	-3.22E-08	-1.61E-09	-3.89E-08	-8.59E-09	-5.35E-09	-8.49E-09	-1.50E-09	-2.12E-09	-6.66E-08
3332	475219.83, 3849332.25	1.0235	-1.29E-04	-6.05E-05	-1.20E-04	-4.48E-08	-1.35E-07	-7.83E-08	-3.66E-08	-3.32E-08	-1.51E-08	-2.99E-08	-1.50E-09	-3.62E-08	-7.98E-09	-4.97E-09	-7.89E-09	-1.39E-09	-1.97E-09	-6.19E-08
3333	475219.83, 3849357.25	0.95445	-1.21E-04	-5.64E-05	-1.11E-04	-4.18E-08	-1.26E-07	-7.31E-08	-3.42E-08	-3.10E-08	-1.41E-08	-2.79E-08	-1.40E-09	-3.37E-08	-7.44E-09	-4.64E-09	-7.36E-09	-1.30E-09	-1.84E-09	-5.77E-08
3334	475244.83, 3849032.25	6.59133	-8.34E-04	-3.90E-04	-7.70E-04	-2.89E-07	-8.72E-07	-5.05E-07	-2.36E-07	-2.14E-07	-9.75E-08	-1.93E-07	-9.64E-09	-2.33E-07	-5.14E-08	-3.20E-08	-5.08E-08	-8.95E-09	-1.27E-08	-3.98E-07
3335	475244.83, 3849057.25	4.19134	-5.30E-04	-2.48E-04	-4.89E-04	-1.84E-07	-5.54E-07	-3.21E-07	-1.50E-07	-1.36E-07	-6.20E-08	-1.23E-07	-6.13E-09	-1.48E-07	-3.27E-08	-2.04E-08	-3.23E-08	-5.69E-09	-8.08E-09	-2.53E-07
3336	475244.83, 3849082.25	3.24375	-4.10E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.48E-08	-4.74E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.41E-09	-6.25E-09	-1.96E-07
3337	475244.83, 3849107.25	2.68755	-3.40E-04	-1.59E-04	-3.14E-04	-1.18E-07	-3.55E-07	-2.06E-07	-9.62E-08	-8.72E-08	-3.98E-08	-7.86E-08	-3.93E-09	-9.49E-08	-2.09E-08	-1.31E-08	-2.07E-08	-3.65E-09	-5.18E-09	-1.62E-07
3338	475244.83, 3849132.25	2.29492	-2.90E-04	-1.36E-04	-2.68E-04	-1.01E-07	-3.03E-07	-1.76E-07	-8.21E-08	-7.44E-08	-3.40E-08	-6.71E-08	-3.36E-09	-8.11E-08	-1.79E-08	-1.11E-08	-1.77E-08	-3.12E-09	-4.42E-09	-1.39E-07
3339	475244.83, 3849157.25	2.01262	-2.55E-04	-1.19E-04	-2.35E-04	-8.81E-08	-2.66E-07	-1.54E-07	-7.20E-08	-6.53E-08	-2.98E-08	-5.88E-08	-2.94E-09	-7.11E-08	-1.57E-08	-9.78E-09	-1.55E-08	-2.73E-09	-3.88E-09	-1.22E-07
3340	475244.83, 3849182.25	1.80309	-2.28E-04	-1.07E-04	-2.11E-04	-7.90E-08	-2.38E-07	-1.38E-07	-6.45E-08	-5.85E-08	-2.67E-08	-5.27E-08	-2.64E-09	-6.37E-08	-1.41E-08	-8.76E-09	-1.39E-08	-2.45E-09	-3.48E-09	-1.09E-07
3341	475244.83, 3849207.25	1.64431	-2.08E-04	-9.72E-05	-1.92E-04	-7.20E-08	-2.17E-07	-1.26E-07	-5.88E-08	-5.33E-08	-2.43E-08	-4.81E-08	-2.40E-09	-5.81E-08	-1.28E-08	-7.99E-09	-1.27E-08	-2.23E-09	-3.17E-09	-9.94E-08
3342	475244.83, 3849232.25	1.51935	-1.92E-04	-8.98E-05	-1.77E-04	-6.65E-08	-2.01E-07	-1.16E-07	-5.44E-08	-4.93E-08	-2.25E-08	-4.44E-08	-2.22E-09	-5.37E-08	-1.18E-08	-7.38E-09	-1.17E-08	-2.06E-09	-2.93E-09	-9.18E-08
3343	475244.83, 3849257.25	1.39794	-1.77E-04	-8.27E-05	-1.63E-04	-6.12E-08	-1.85E-07	-1.07E-07	-5.00E-08	-4.53E-08	-2.07E-08	-4.09E-08	-2.04E-09	-4.94E-08	-1.09E-08	-6.79E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.45E-08
3344	475244.83, 3849282.25	1.26021	-1.59E-04	-7.45E-05	-1.47E-04	-5.52E-08	-1.67E-07	-9.65E-08	-4.51E-08	-4.09E-08	-1.87E-08	-3.68E-08	-1.84E-09	-4.45E-08	-9.82E-09	-6.12E-09	-9.71E-09	-1.71E-09	-2.43E-09	-7.62E-08
3345	475244.83, 3849307.25	1.14392	-1.45E-04	-6.76E-05	-1.34E-04	-5.01E-08	-1.51E-07	-8.76E-08	-4.09E-08	-3.71E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.92E-09	-5.56E-09	-8.82E-09	-1.55E-09	-2.21E-09	-6.91E-08
3346	475244.83, 3849332.25	1.05506	-1.33E-04	-6.24E-05	-1.23E-04	-4.62E-08	-1.40E-07	-8.08E-08	-3.78E-08	-3.42E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.73E-08	-8.22E-09	-5.13E-09	-8.13E-09	-1.43E-09	-2.03E-09	-6.38E-08
3347	475244.83, 3849357.25	0.98179	-1.24E-04	-5.81E-05	-1.15E-04	-4.30E-08	-1.30E-07	-7.52E-08	-3.51E-08	-3.18E-08	-1.45E-08	-2.87E-08	-1.44E-09	-3.47E-08	-7.65E-09	-4.77E-09	-7.57E-09	-1.33E-09	-1.89E-09	-5.93E-08
3348	475269.83, 3849057.25	5.28361	-6.68E-04	-3.12E-04	-6.17E-04	-2.31E-07	-6.99E-07	-4.04E-07	-1.89E-07	-1.71E-07	-7.82E-08	-1.54E-07	-7.73E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.07E-08	-7.18E-09	-1.02E-08	-3.19E-07
3349	475269.83, 3849082.25	3.76398	-4.76E-04	-2.23E-04	-4.40E-04	-1.65E-07	-4.98E-07	-2.88E-07	-1.35E-07	-1.22E-07	-5.57E-08	-1.10E-07	-5.50E-09	-1.33E-07	-2.93E-08	-1.83E-08	-2.90E-08	-5.11E-09	-7.26E-09	-2.27E-07
3350	475269.83, 3849107.25	2.98855	-3.78E-04	-1.77E-04	-3.49E-04	-1.31E-07	-3.95E-07	-2.29E-07	-1.07E-07	-9.69E-08	-4.42E-08	-8.73E-08	-4.37E-09	-1.06E-07	-2.33E-08	-1.45E-08	-2.30E-08	-4.06E-09	-5.76E-09	-1.81E-07
3351	475269.83, 3849132.25	2.50431	-3.17E-04	-1.48E-04	-2.92E-04	-1.10E-07	-3.31E-07	-1.92E-07	-8.96E-08	-8.12E-08	-3.71E-08	-7.32E-08	-3.66E-09	-8.85E-08	-1.95E-08	-1.22E-08	-1.93E-08	-3.40E-09	-4.83E-09	-1.51E-07
3352	475269.83, 3849157.25	2.15425	-2.73E-04	-1.27E-04	-2.52E-04	-9.43E-08	-2.85E-07	-1.65E-07	-7.71E-08	-6.99E-08	-3.19E-08	-6.30E-08	-3.15E-09	-7.61E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.15E-09	-1.30E-07
3353	475269.83, 3849182.25	1.89905	-2.40E-04	-1.12E-04	-2.22E-04	-8.32E-08	-2.51E-07	-1.45E-07	-6.79E-08	-6.16E-08	-2.81E-08	-5.55E-08	-2.78E-09	-6.71E-08	-1.48E-08	-9.23E-09	-1.46E-08	-2.58E-09	-3.66E-09	-1.15E-07
3354	475269.83, 3849207.25	1.70937	-2.16E-04	-1.01E-04	-2.00E-04	-7.49E-08	-2.26E-07	-1.31E-07	-6.12E-08	-5.54E-08	-2.53E-08	-5.00E-08	-2.50E-09	-6.04E-08	-1.33E-08	-8.30E-09	-1.32E-08	-2.32E-09	-3.30E-09	-1.03E-07
3355	475269.83, 3849232.25	1.56014	-1.97E-04	-9.23E-05	-1.82E-04	-6.83E-08	-2.06E-07	-1.19E-07	-5.58E-08	-5.06E-08	-2.31E-08	-4.56E-08	-2.28E-09	-5.51E-08	-1.22E-08	-7.58E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.43E-08
3356	475269.83, 3849257.25	1.4262	-1.80E-04	-8.43E-05	-1.67E-04	-6.25E-08	-1.89E-07	-1.09E-07	-5.10E-08	-4.63E-08	-2.11E-08	-4.17E-08	-2.09E-09	-5.04E-08	-1.11E-08	-6.93E-09	-1.10E-08	-1.94E-09	-2.75E-09	-8.62E-08
3357	475269.83, 3849282.25	1.29144	-1.63E-04	-7.64E-05	-1.51E-04	-5.66E-08	-1.71E-07	-9.89E-08	-4.62E-08	-4.19E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.56E-08	-1.01E-08	-6.27E-09	-9.95E-09	-1.75E-09	-2.49E-09	-7.80E-08
3358	475269.83, 3849307.25	1.1732	-1.48E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.98E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.14E-08	-9.15E-09	-5.70E-09	-9.04E-09	-1.59E-09	-2.26E-09	-7.09E-08
3359	475269.83, 3849332.25	1.08428	-1.37E-04	-6.41E-05	-1.27E-04	-4.75E-08	-1.43E-07	-8.30E-08	-3.88E-08	-3.52E-08	-1.60E-08	-3.17E-08	-1.59E-09	-3.83E-08	-8.45E-09	-5.27E-09	-8.36E-09	-1.47E-09	-2.09E-09	-6.55E-08
3360	475269.83, 3849357.25	1.00892	-1.28E-04	-5.97E-05	-1.18E-04	-4.42E-08	-1.33E-07	-7.72E-08	-3.61E-08	-3.27E-08	-1.49E-08	-2.95E-08	-1.48E-09	-3.56E-08	-7.86E-09	-4.90E-09	-7.78E-09	-1.37E-09	-1.95E-09	-6.10E-08
3361	475294.83, 3849082.25	4.46994	-5.66E-04	-2.64E-04	-5.22E-04	-1.96E-07	-5.91E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.62E-08	-1.31E-07	-6.54E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.07E-09	-8.62E-09	-2.70E-07
3362	475294.83, 3849107.25	3.34016	-4.23E-04	-1.98E-04	-3.90E-04	-1.46E-07	-4.42E-07	-2.56E-07	-1.20E-07	-1.08E-07	-4.94E-08	-9.76E-08	-4.88E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.54E-09	-6.44E-09	-2.02E-07
3363	475294.83, 3849132.25	2.75493	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.64E-07	-2.11E-07	-9.86E-08	-8.94E-08	-4.08E-08	-8.05E-08	-4.03E-09	-9.73E-08	-2.15E-08	-1.34E-08	-2.12E-08	-3.74E-09	-5.31E-09	-1.66E-07
3364	475294.83, 3849157.25	2.32208	-2.94E-04	-1.37E-04	-2.71E-04	-1.02E-07	-3.07E-07	-1.78E-07	-8.31E-08	-7.53E-08	-3.44E-08	-6.79E-08	-3.40E-09	-8.20E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.15E-09	-4.48E-09	-1.40E-07
3365	475294.83, 3849182.25	2.02478	-2.56E-04	-1.20E-04	-2.36E-04	-8.87E-08	-2.68E-07	-1.55E-07	-7.24E-08	-6.57E-08	-3.00E-08	-5.92E-08	-2.96E-09	-7.15E-08	-1.58E-08	-9.84E-09	-1.56E-08	-2.75E-09	-3.90E-09	-1.22E-07
3366	475294.83, 3849207.25	1.79843	-2.28E-04	-1.06E-04	-2.10E-04	-7.88E-08	-2.38E-07	-1.38E-07	-6.43E-08	-5.83E-08	-2.66E-08	-5.26E-08	-2.63E-09	-6.35E-08	-1.40E-08	-8.74E-09	-1.39E-08	-2.44E-09	-3.47E-09	-1.09E-07
3367	475294.83, 3849232.25	1.62099	-2.05E-04	-9.59E-05	-1.89E-04	-7.10E-08	-2.14E-07	-1.24E-07	-5.80E-08	-5.26E-08	-2.40E-08	-4.74E-08	-2.37E-09	-5.73E-08	-1.26E-08	-7.87E-09	-1.25E-08	-2.20E-09	-3.13E-09	-9.80E-08
3368	475294.83, 3849257.25	1.4693	-1.86E-04	-8.69E-05	-1.72E-04	-6.43E-08	-1.94E-07	-1.12E-07	-5.26E-08	-4.77E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.19E-08	-1.15E-08	-7.14E-09	-1.13E-08	-2.00E-09	-2.83E-09	-8.88E-08
3369	475294.83, 3849282.25	1.32862	-1.68E-04	-7.86E-05	-1.55E-04	-5.82E-08	-1.76E-07	-1.02E-07	-4.75E-08	-4.31E-08	-1.97E-08	-3.88E-08	-1.94E-09	-4.69E-08	-1.04E-08	-6.45E-09	-1.02E-08	-1.80E-09	-2.56E-09	-8.03E-08
3370	475294.83, 3849307.25	1.21554	-1.54E-04	-7.19E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.48E-09	-5.91E-09	-9.37E-09	-1.65E-09	-2.34E-09	-7.35E-08
3371	475294.83, 3849332.25	1.1184	-1.41E-04	-6.61E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.56E-08	-4.00E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.95E-08	-8.72E-09	-5.43E-09	-8.62E-09	-1.52E-09	-2.16E-09	-6.76E-08
3372	475294.83, 3849357.25	1.03794	-1.31E-04	-6.14E-05	-1.21E-04	-4.55E-08	-1.37E-07	-7.95E-08	-3.71E-08	-3.37E-08	-1.54E-08	-3.03E-08	-1.52E-09	-3.67E-08	-8.09E-09	-5.04E-09	-8.00E-09	-1.41E-09	-2.00E-09	-6.27E-08
3373	475294.83, 3849382.25	0.96855	-1.23E-04	-5.73E-05	-1.13E-04	-4.24E-08	-1.28E-07	-7.41E-08	-3.47E-08	-3.14E-08	-1.43E-08	-2.83E-08	-1.42E-09	-3.42E-08	-7.55E-09	-4.71E-09	-7.46E-09	-1.32E-09	-1.87E-09	-5.85E-08
3374	475319.83, 3849082.25	5.46694	-6.92E-04	-3.23E-04	-6.38E-04	-2.39E-07	-7.23E-07	-4.18E-07	-1.96E-07	-1.77E-07	-8.09E-08	-1.60E-07	-7.99E-09	-1.93E-07	-4.26E-08	-2.66E-08	-4.21E-08	-7.43E-09	-1.05E-08	-3.30E-07
3375	475319.83, 3849107.25	3.84906	-4.87E-04	-2.28E-04	-4.50E-04	-1.69E-07	-5.09E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.70E-08	-1.12E-07	-5.63E-09	-1.36E-07	-3.00E-08	-1.87E-08	-2.97E-08	-5.23E-09	-7.42E-09	-2.33E-07
3376	475319.83, 3849132.25	3.03811	-3.84E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.85E-08	-4.50E-08	-8.88E-08	-4.44E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.86E-09	-1.84E-07
3377	475319.83, 3849157.25	2.54445	-3.22E-04	-1.50E-04	-2.97E-04	-1.11E-07	-3.36E-07	-1.95E-07	-9.10E-08	-8.25E-08	-3.77E-08	-7.44E-08	-3.72E-09	-8.99E-08	-1.98E-08	-1.24E-08	-1.96E-08	-3.46E-09	-4.91E-09	-1.54E-07
3378	475319.83, 3849182.25	2.18099	-2.76E-04	-1.29E-04	-2.55E-04	-9.55E-08	-2.88E-07	-1.67E-07	-7.80E-08	-7.07E-08	-3.23E-08	-6.37E-08	-3.19E-09	-7.70E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.96E-09	-4.20E-09	-1.32E-07
3379	475319.83, 3849207.25	1.92069	-2.43E-04	-1.14E-04	-2.24E-04	-8.41E-08	-2.54E-07	-1.47E-07	-6.87E-08	-6.23E-08	-2.84E-08	-5.61E-08	-2.81E-09	-6.78E-08	-1.50E-08	-9.33E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
3380	475319.83, 3849232.25	1.72866	-2.19E-04	-1.02E-04	-2.02E-04	-7.57E-08	-2.29E-07	-1.32E-07	-6.19E-08	-5.61E-08	-2.56E-08	-5.05E-08	-2.53E-09	-6.11E-08	-1.35E-08	-8.40E-09	-1.33E-08	-2.35E-09	-3.33E-09	-1.04E-07
3381	475319.83, 3849257.25	1.56635	-1.98E-04	-9.26E-05	-1.83E-04	-6.86E-08	-2.07E-07	-1.20E-07	-5.60E-08	-5.08E-08	-2.32E-08	-4.58E-08	-2.29E-09	-5.53E-08	-1.22E-08	-7.61E-09	-1.21E-08	-2.13E-09	-3.02E-09	-9.47E-08
3382	475319.83, 3849282.25	1.40741	-1.78E-04	-8.32E-05	-1.64E-04	-6.16E-08	-1.86E-07	-1.08E-07	-5.04E-08	-4.56E-08	-2.08E-08	-4.11E-08	-2.06E-09	-4.97E-08	-1.10E-08	-6.84E-09	-1.08E-08	-1.91E-09	-2.71E-09	-8.51E-08
3383	475319.83, 3849307.25	1.27726	-1.62E-04	-7.55E-05	-1.49E-04	-5.59E-08	-1.69E-07	-9.78E-08	-4.57E-08	-4.14E-08	-1.89E-08	-3.73E-08	-1.87E-09	-4.51E-08	-9.96E-09	-6.20E-09	-9.84E-09	-1.73E-09	-2.46E-09	-7.72E-08
3384	475319.83, 3849332.25	1.15881	-1.47E-04	-6.85E-05	-1.35E-04	-5.07E-08	-1.53E-07	-8.87E-08	-4.15E-08	-3.76E-08	-1.72E-08	-3.39E-08	-1.69E-09	-4.09E-08	-9.03E-09	-5.63E-09	-8.93E-09	-1.57E-09	-2.23E-09	-7.00E-08
3385	475319.83, 3849357.25	1.06896	-1.35E-04	-6.32E-05	-1.25E-04	-4.68E-08	-1.41E-07	-8.18E-08	-3.82E-08	-3.47E-08	-1.58E-08	-3.12E-08	-1.56E-09	-3.78E-08	-8.33E-09	-5.19E-09	-8.24E-09	-1.45E-09	-2.06E-09	-6.46E-08
3386	475319.83, 3849382.25	0.99593	-1.26E-04	-5.89E-05	-1.16E-04	-4.36E-08	-1.32E-07	-7.62E-08	-3.56E-08	-3.23E-08	-1.47E-08	-2.91E-08	-1.46E-09	-3.52E-08	-7.76E-09	-4.84E-09	-7.68E-09	-1.35E-09	-1.92E-09	-6.02E-08
3387	475344.83, 3849107.25	4.68013	-5.92E-04	-2.77E-04	-5.47E-04	-2.05E-07	-6.19E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.93E-08	-1.37E-07	-6.84E-09	-1.65E-07	-3.65E-08	-2.27E-08	-3.61E-08	-6.36E-09	-9.02E-09	-2.83E-07

3388	475344.83, 3849132.25	3.43178	-4.34E-04	-2.03E-04	-4.01E-04	-1.50E-07	-4.54E-07	-2.63E-07	-1.23E-07	-1.11E-07	-5.08E-08	-1.00E-07	-5.02E-09	-1.21E-07	-2.68E-08	-1.67E-08	-2.64E-08	-4.66E-09	-6.62E-09	-2.07E-07
3389	475344.83, 3849157.25	2.82754	-3.58E-04	-1.67E-04	-3.30E-04	-1.24E-07	-3.74E-07	-2.16E-07	-1.01E-07	-9.17E-08	-4.18E-08	-8.26E-08	-4.14E-09	-9.99E-08	-2.20E-08	-1.37E-08	-2.18E-08	-3.84E-09	-5.45E-09	-1.71E-07
3390	475344.83, 3849182.25	2.37433	-3.00E-04	-1.40E-04	-2.77E-04	-1.04E-07	-3.14E-07	-1.82E-07	-8.50E-08	-7.70E-08	-3.51E-08	-6.94E-08	-3.47E-09	-8.39E-08	-1.85E-08	-1.15E-08	-1.83E-08	-3.22E-09	-4.58E-09	-1.43E-07
3391	475344.83, 3849207.25	2.06649	-2.61E-04	-1.22E-04	-2.41E-04	-9.05E-08	-2.73E-07	-1.58E-07	-7.39E-08	-6.70E-08	-3.06E-08	-6.04E-08	-3.02E-09	-7.30E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.81E-09	-3.98E-09	-1.25E-07
3392	475344.83, 3849232.25	1.85897	-2.35E-04	-1.10E-04	-2.17E-04	-8.14E-08	-2.46E-07	-1.42E-07	-6.65E-08	-6.03E-08	-2.75E-08	-5.43E-08	-2.72E-09	-6.57E-08	-1.45E-08	-9.03E-09	-1.43E-08	-2.52E-09	-3.58E-09	-1.12E-07
3393	475344.83, 3849257.25	1.69882	-2.15E-04	-1.00E-04	-1.98E-04	-7.44E-08	-2.25E-07	-1.30E-07	-6.08E-08	-5.51E-08	-2.51E-08	-4.97E-08	-2.48E-09	-6.00E-08	-1.32E-08	-8.25E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
3394	475344.83, 3849282.25	1.52886	-1.93E-04	-9.04E-05	-1.79E-04	-6.70E-08	-2.02E-07	-1.17E-07	-5.47E-08	-4.96E-08	-2.26E-08	-4.47E-08	-2.24E-09	-5.40E-08	-1.19E-08	-7.43E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.24E-08
3395	475344.83, 3849307.25	1.34226	-1.70E-04	-7.94E-05	-1.57E-04	-5.88E-08	-1.77E-07	-1.03E-07	-4.80E-08	-4.35E-08	-1.99E-08	-3.92E-08	-1.96E-09	-4.74E-08	-1.05E-08	-6.52E-09	-1.03E-08	-1.82E-09	-2.59E-09	-8.11E-08
3396	475344.83, 3849332.25	1.19937	-1.52E-04	-7.09E-05	-1.40E-04	-5.25E-08	-1.59E-07	-9.18E-08	-4.29E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.75E-09	-4.24E-08	-9.35E-09	-5.83E-09	-9.24E-09	-1.63E-09	-2.31E-09	-7.25E-08
3397	475344.83, 3849357.25	1.1001	-1.39E-04	-6.51E-05	-1.28E-04	-4.82E-08	-1.45E-07	-8.42E-08	-3.94E-08	-3.57E-08	-1.63E-08	-3.22E-08	-1.61E-09	-3.89E-08	-8.58E-09	-5.34E-09	-8.48E-09	-1.49E-09	-2.12E-09	-6.65E-08
3398	475344.83, 3849382.25	1.02282	-1.29E-04	-6.05E-05	-1.19E-04	-4.48E-08	-1.35E-07	-7.83E-08	-3.66E-08	-3.32E-08	-1.51E-08	-2.99E-08	-1.50E-09	-3.61E-08	-7.97E-09	-4.97E-09	-7.88E-09	-1.39E-09	-1.97E-09	-6.18E-08
3399	475369.83, 3849107.25	5.686	-7.19E-04	-3.36E-04	-6.64E-04	-2.49E-07	-7.52E-07	-4.35E-07	-2.03E-07	-1.84E-07	-8.42E-08	-1.66E-07	-8.32E-09	-2.01E-07	-4.43E-08	-2.76E-08	-4.38E-08	-7.72E-09	-1.10E-08	-3.44E-07
3400	475369.83, 3849132.25	3.94157	-4.99E-04	-2.33E-04	-4.60E-04	-1.73E-07	-5.21E-07	-3.02E-07	-1.41E-07	-1.28E-07	-5.83E-08	-1.15E-07	-5.76E-09	-1.39E-07	-3.07E-08	-1.91E-08	-3.04E-08	-5.35E-09	-7.60E-09	-2.38E-07
3401	475369.83, 3849157.25	3.10563	-3.93E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.11E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.60E-08	-9.08E-08	-4.54E-09	-1.10E-07	-2.42E-08	-1.51E-08	-2.39E-08	-4.22E-09	-5.99E-09	-1.88E-07
3402	475369.83, 3849182.25	2.58726	-3.27E-04	-1.53E-04	-3.02E-04	-1.13E-07	-3.42E-07	-1.98E-07	-9.26E-08	-8.39E-08	-3.83E-08	-7.56E-08	-3.78E-09	-9.14E-08	-2.02E-08	-1.26E-08	-1.99E-08	-3.51E-09	-4.99E-09	-1.56E-07
3403	475369.83, 3849207.25	2.26344	-2.86E-04	-1.34E-04	-2.64E-04	-9.91E-08	-2.99E-07	-1.73E-07	-8.10E-08	-7.34E-08	-3.35E-08	-6.62E-08	-3.31E-09	-8.00E-08	-1.76E-08	-1.10E-08	-1.74E-08	-3.07E-09	-4.36E-09	-1.37E-07
3404	475369.83, 3849232.25	2.05609	-2.60E-04	-1.22E-04	-2.40E-04	-9.00E-08	-2.72E-07	-1.57E-07	-7.36E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.26E-08	-1.60E-08	-9.99E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
3405	475369.83, 3849257.25	1.87073	-2.37E-04	-1.11E-04	-2.18E-04	-8.19E-08	-2.47E-07	-1.43E-07	-6.69E-08	-6.07E-08	-2.77E-08	-5.47E-08	-2.74E-09	-6.61E-08	-1.46E-08	-9.09E-09	-1.44E-08	-2.54E-09	-3.61E-09	-1.13E-07
3406	475369.83, 3849282.25	1.64128	-2.08E-04	-9.71E-05	-1.92E-04	-7.19E-08	-2.17E-07	-1.26E-07	-5.87E-08	-5.32E-08	-2.43E-08	-4.80E-08	-2.40E-09	-5.80E-08	-1.28E-08	-7.97E-09	-1.26E-08	-2.23E-09	-3.16E-09	-9.92E-08
3407	475369.83, 3849307.25	1.39719	-1.77E-04	-8.26E-05	-1.63E-04	-6.12E-08	-1.85E-07	-1.07E-07	-5.00E-08	-4.53E-08	-2.07E-08	-4.08E-08	-2.04E-09	-4.94E-08	-1.09E-08	-6.79E-09	-1.08E-08	-1.90E-09	-2.69E-09	-8.44E-08
3408	475369.83, 3849332.25	1.23804	-1.57E-04	-7.32E-05	-1.45E-04	-5.42E-08	-1.64E-07	-9.48E-08	-4.43E-08	-4.02E-08	-1.83E-08	-3.62E-08	-1.81E-09	-4.37E-08	-9.65E-09	-6.01E-09	-9.54E-09	-1.68E-09	-2.39E-09	-7.48E-08
3409	475369.83, 3849357.25	1.1318	-1.43E-04	-6.69E-05	-1.32E-04	-4.96E-08	-1.50E-07	-8.66E-08	-4.05E-08	-3.67E-08	-1.68E-08	-3.31E-08	-1.66E-09	-4.00E-08	-8.82E-09	-5.50E-09	-8.72E-09	-1.54E-09	-2.18E-09	-6.84E-08
3410	475369.83, 3849382.25	1.04967	-1.33E-04	-6.21E-05	-1.23E-04	-4.60E-08	-1.39E-07	-8.04E-08	-3.76E-08	-3.40E-08	-1.55E-08	-3.07E-08	-1.54E-09	-3.71E-08	-8.18E-09	-5.10E-09	-8.09E-09	-1.43E-09	-2.02E-09	-6.34E-08
3411	475369.83, 3849407.25	0.97786	-1.24E-04	-5.78E-05	-1.14E-04	-4.28E-08	-1.29E-07	-7.49E-08	-3.50E-08	-3.17E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.45E-08	-7.62E-09	-4.75E-09	-7.54E-09	-1.33E-09	-1.89E-09	-5.91E-08
3412	475394.83, 3849132.25	4.66656	-5.90E-04	-2.76E-04	-5.45E-04	-2.04E-07	-6.17E-07	-3.57E-07	-1.67E-07	-1.51E-07	-6.91E-08	-1.36E-07	-6.82E-09	-1.65E-07	-3.64E-08	-2.27E-08	-3.60E-08	-6.34E-09	-9.00E-09	-2.82E-07
3413	475394.83, 3849157.25	3.46307	-4.38E-04	-2.05E-04	-4.04E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.13E-08	-1.01E-07	-5.06E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.70E-09	-6.68E-09	-2.09E-07
3414	475394.83, 3849182.25	2.81987	-3.57E-04	-1.67E-04	-3.29E-04	-1.23E-07	-3.73E-07	-2.16E-07	-1.01E-07	-9.15E-08	-4.17E-08	-8.24E-08	-4.12E-09	-9.96E-08	-2.20E-08	-1.37E-08	-2.17E-08	-3.83E-09	-5.44E-09	-1.70E-07
3415	475394.83, 3849207.25	2.55773	-3.24E-04	-1.51E-04	-2.99E-04	-1.12E-07	-3.38E-07	-1.96E-07	-9.15E-08	-8.30E-08	-3.79E-08	-7.48E-08	-3.74E-09	-9.04E-08	-1.99E-08	-1.24E-08	-1.97E-08	-3.47E-09	-4.93E-09	-1.55E-07
3416	475394.83, 3849232.25	2.29487	-2.90E-04	-1.36E-04	-2.68E-04	-1.01E-07	-3.03E-07	-1.76E-07	-8.21E-08	-7.44E-08	-3.40E-08	-6.71E-08	-3.36E-09	-8.11E-08	-1.79E-08	-1.11E-08	-1.77E-08	-3.12E-09	-4.42E-09	-1.39E-07
3417	475394.83, 3849257.25	2.0352	-2.57E-04	-1.20E-04	-2.38E-04	-8.91E-08	-2.69E-07	-1.56E-07	-7.28E-08	-6.60E-08	-3.01E-08	-5.95E-08	-2.98E-09	-7.19E-08	-1.59E-08	-9.89E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
3418	475394.83, 3849282.25	1.75331	-2.22E-04	-1.04E-04	-2.05E-04	-7.68E-08	-2.32E-07	-1.34E-07	-6.27E-08	-5.69E-08	-2.59E-08	-5.12E-08	-2.56E-09	-6.19E-08	-1.37E-08	-8.52E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
3419	475394.83, 3849307.25	1.4498	-1.83E-04	-8.57E-05	-1.69E-04	-6.35E-08	-1.92E-07	-1.11E-07	-5.19E-08	-4.70E-08	-2.15E-08	-4.24E-08	-2.12E-09	-5.12E-08	-1.13E-08	-7.04E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.76E-08
3420	475394.83, 3849332.25	1.28039	-1.62E-04	-7.57E-05	-1.50E-04	-5.61E-08	-1.69E-07	-9.80E-08	-4.58E-08	-4.15E-08	-1.89E-08	-3.74E-08	-1.87E-09	-4.52E-08	-9.98E-09	-6.22E-09	-9.87E-09	-1.74E-09	-2.47E-09	-7.74E-08
3421	475394.83, 3849357.25	1.16738	-1.48E-04	-6.90E-05	-1.36E-04	-5.11E-08	-1.54E-07	-8.94E-08	-4.18E-08	-3.79E-08	-1.73E-08	-3.41E-08	-1.71E-09	-4.12E-08	-9.10E-09	-5.67E-09	-9.00E-09	-1.59E-09	-2.25E-09	-7.05E-08
3422	475394.83, 3849382.25	1.07922	-1.37E-04	-6.38E-05	-1.26E-04	-4.73E-08	-1.43E-07	-8.26E-08	-3.86E-08	-3.50E-08	-1.60E-08	-3.15E-08	-1.58E-09	-3.81E-08	-8.41E-09	-5.24E-09	-8.32E-09	-1.47E-09	-2.08E-09	-6.52E-08
3423	475394.83, 3849407.25	1.00223	-1.27E-04	-5.93E-05	-1.17E-04	-4.39E-08	-1.33E-07	-7.67E-08	-3.59E-08	-3.25E-08	-1.48E-08	-2.93E-08	-1.47E-09	-3.54E-08	-7.81E-09	-4.87E-09	-7.72E-09	-1.36E-09	-1.93E-09	-6.06E-08
3424	475419.83, 3849132.25	5.58484	-7.07E-04	-3.30E-04	-6.52E-04	-2.45E-07	-7.38E-07	-4.28E-07	-2.00E-07	-1.81E-07	-8.27E-08	-1.63E-07	-8.17E-09	-1.97E-07	-4.35E-08	-2.71E-08	-4.30E-08	-7.59E-09	-1.08E-08	-3.38E-07
3425	475419.83, 3849157.25	3.95207	-5.00E-04	-2.34E-04	-4.62E-04	-1.73E-07	-5.23E-07	-3.03E-07	-1.41E-07	-1.28E-07	-5.85E-08	-1.16E-07	-5.78E-09	-1.40E-07	-3.08E-08	-1.92E-08	-3.05E-08	-5.37E-09	-7.62E-09	-2.39E-07
3426	475419.83, 3849182.25	3.13602	-3.97E-04	-1.85E-04	-3.66E-04	-1.37E-07	-4.15E-07	-2.40E-07	-1.12E-07	-1.02E-07	-4.64E-08	-9.17E-08	-4.59E-09	-1.11E-07	-2.44E-08	-1.52E-08	-2.42E-08	-4.26E-09	-6.05E-09	-1.90E-07
3427	475419.83, 3849207.25	2.81838	-3.57E-04	-1.67E-04	-3.29E-04	-1.23E-07	-3.73E-07	-2.16E-07	-1.01E-07	-9.14E-08	-4.17E-08	-8.24E-08	-4.12E-09	-9.96E-08	-2.20E-08	-1.37E-08	-2.17E-08	-3.83E-09	-5.43E-09	-1.70E-07
3428	475419.83, 3849232.25	2.33662	-2.96E-04	-1.38E-04	-2.73E-04	-1.02E-07	-3.09E-07	-1.79E-07	-8.36E-08	-7.58E-08	-3.46E-08	-6.83E-08	-3.42E-09	-8.25E-08	-1.82E-08	-1.14E-08	-1.80E-08	-3.17E-09	-4.50E-09	-1.41E-07
3429	475419.83, 3849257.25	2.05704	-2.60E-04	-1.22E-04	-2.40E-04	-9.01E-08	-2.72E-07	-1.57E-07	-7.36E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.27E-08	-1.60E-08	-9.99E-09	-1.59E-08	-2.79E-09	-3.97E-09	-1.24E-07
3430	475419.83, 3849282.25	1.85037	-2.34E-04	-1.09E-04	-2.16E-04	-8.10E-08	-2.45E-07	-1.42E-07	-6.62E-08	-6.00E-08	-2.74E-08	-5.41E-08	-2.71E-09	-6.54E-08	-1.44E-08	-8.99E-09	-1.43E-08	-2.51E-09	-3.57E-09	-1.12E-07
3431	475419.83, 3849307.25	1.52473	-1.93E-04	-9.02E-05	-1.78E-04	-6.68E-08	-2.02E-07	-1.17E-07	-5.46E-08	-4.95E-08	-2.26E-08	-4.46E-08	-2.23E-09	-5.39E-08	-1.19E-08	-7.41E-09	-1.18E-08	-2.07E-09	-2.94E-09	-9.21E-08
3432	475419.83, 3849332.25	1.33507	-1.69E-04	-7.89E-05	-1.56E-04	-5.85E-08	-1.77E-07	-1.02E-07	-4.78E-08	-4.33E-08	-1.98E-08	-3.90E-08	-1.95E-09	-4.72E-08	-1.04E-08	-6.49E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.07E-08
3433	475419.83, 3849357.25	1.20728	-1.53E-04	-7.14E-05	-1.41E-04	-5.29E-08	-1.60E-07	-9.24E-08	-4.32E-08	-3.92E-08	-1.79E-08	-3.53E-08	-1.77E-09	-4.26E-08	-9.41E-09	-5.86E-09	-9.30E-09	-1.64E-09	-2.33E-09	-7.30E-08
3434	475419.83, 3849382.25	1.10915	-1.40E-04	-6.56E-05	-1.30E-04	-4.86E-08	-1.47E-07	-8.49E-08	-3.97E-08	-3.60E-08	-1.64E-08	-3.24E-08	-1.62E-09	-3.92E-08	-8.65E-09	-5.39E-09	-8.55E-09	-1.51E-09	-2.14E-09	-6.70E-08
3435	475419.83, 3849407.25	1.02719	-1.30E-04	-6.07E-05	-1.20E-04	-4.50E-08	-1.36E-07	-7.86E-08	-3.68E-08	-3.33E-08	-1.52E-08	-3.00E-08	-1.50E-09	-3.63E-08	-8.01E-09	-4.99E-09	-7.92E-09	-1.40E-09	-1.98E-09	-6.21E-08
3436	475444.83, 3849157.25	4.56713	-5.78E-04	-2.70E-04	-5.33E-04	-2.00E-07	-6.04E-07	-3.50E-07	-1.63E-07	-1.48E-07	-6.76E-08	-1.33E-07	-6.68E-09	-1.61E-07	-3.56E-08	-2.22E-08	-3.52E-08	-6.20E-09	-8.80E-09	-2.76E-07
3437	475444.83, 3849182.25	3.563	-4.51E-04	-2.11E-04	-4.16E-04	-1.56E-07	-4.71E-07	-2.73E-07	-1.27E-07	-1.16E-07	-5.27E-08	-1.04E-07	-5.21E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.84E-09	-6.87E-09	-2.15E-07
3438	475444.83, 3849207.25	2.9829	-3.77E-04	-1.76E-04	-3.48E-04	-1.31E-07	-3.94E-07	-2.28E-07	-1.07E-07	-9.67E-08	-4.41E-08	-8.72E-08	-4.36E-09	-1.05E-07	-2.33E-08	-1.45E-08	-2.30E-08	-4.05E-09	-5.75E-09	-1.80E-07
3439	475444.83, 3849232.25	2.40944	-3.05E-04	-1.42E-04	-2.81E-04	-1.06E-07	-3.19E-07	-1.84E-07	-8.62E-08	-7.81E-08	-3.57E-08	-7.04E-08	-3.52E-09	-8.51E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.27E-09	-4.65E-09	-1.46E-07
3440	475444.83, 3849257.25	2.10001	-2.66E-04	-1.24E-04	-2.45E-04	-9.20E-08	-2.78E-07	-1.61E-07	-7.51E-08	-6.81E-08	-3.11E-08	-6.14E-08	-3.07E-09	-7.42E-08	-1.64E-08	-1.02E-08	-1.62E-08	-2.85E-09	-4.05E-09	-1.27E-07
3441	475444.83, 3849282.25	1.98635	-2.51E-04	-1.17E-04	-2.32E-04	-8.70E-08	-2.63E-07	-1.52E-07	-7.11E-08	-6.44E-08	-2.94E-08	-5.81E-08	-2.90E-09	-7.02E-08	-1.55E-08	-9.65E-09	-1.53E-08	-2.70E-09	-3.83E-09	-1.20E-07
3442	475444.83, 3849307.25	1.72283	-2.18E-04	-1.02E-04	-2.01E-04	-7.55E-08	-2.28E-07	-1.32E-07	-6.16E-08	-5.59E-08	-2.55E-08	-5.04E-08	-2.52E-09	-6.09E-08	-1.34E-08	-8.37E-09	-1.33E-08	-2.34E-09	-3.32E-09	-1.04E-07
3443	475444.83, 3849332.25	1.43604	-1.82E-04	-8.49E-05	-1.68E-04	-6.29E-08	-1.90E-07	-1.10E-07	-5.14E-08	-4.66E-08	-2.13E-08	-4.20E-08	-2.10E-09	-5.07E-08	-1.12E-08	-6.98E-09	-1.11E-08	-1.95E-09	-2.77E-09	-8.68E-08
3444	475444.83, 3849357.25	1.2575	-1.59E-04	-7.44E-05	-1.47E-04	-5.51E-08	-1.66E-07	-9.63E-08	-4.50E-08	-4.08E-08	-1.86E-08	-3.68E-08	-1.84E-09	-4.44E-08	-9.80E-09	-6.11E-09	-9.69E-09	-1.71E-09	-2.42E-09	-7.60E-08
3445	475444.83, 3849382.25	1.14085	-1.44E-04	-6.75E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.73E-08	-4.08E-08	-3.70E-08	-1.69E-08	-3.33E-08	-1.67E-09	-4.03E-08	-8.89E-09	-5.54E-09	-8.79E-09	-1.55E-09	-2.20E-09	-6.89E-08
3446	475444.83, 3849407.25	1.05459	-1.33E-04	-6.24E-05	-1.23E-04	-4.62E-08	-1.39E-07	-8.07E-08	-3.77E-08	-3.42E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.73E-08	-8.22E-09	-5.12E-09	-8.13E-09	-1.43E-09	-2.03E-09	-6.37E-08
3447	475444.83, 3849432.25	0.97943	-1.24E-04	-5.79E-05	-1.14E-04	-4.29E-08	-1.30E-07	-7.50E-08	-3.50E-08	-3.18E-08	-1.45E-08	-2.86E-08	-1.43E-09	-3.46E-08	-7.63E-09	-4.76E-09	-7.55E-09	-1.33E-09	-1.89E-09	-5.92E-08
3448	475469.83, 3849157.25	5.38677	-6.82E-04	-3.19E-04	-6.29E-04	-2.36E-07	-7.12E-07	-4.12E-07	-1.93E-07	-1.75E-07	-7.97E-08	-1.57E-07	-7.88E-09	-1.90E-07	-4.20E-08	-2.62E-08	-4.15E-08	-7.32E-09	-1.04E-08	-3.26E-07
3449	475469.83, 3849182.25	3.89527	-4.93E-04	-2.30E-04	-4.55E-04	-1.71E-07	-5.15E-07	-2.98E-07	-1.39E-07	-1.26E-07	-5.76E-08	-1.14E-07	-5.70E-09	-1.38E-07	-3.04E-08	-1.89E-08	-3.00E-08	-5.29E-09	-7.51E-09	-2.35E-07
3450	475469.83, 3849207.25	2.98811	-3.78E-04	-1.77E-04	-3.49E-04	-1.31E-07	-3.95E-07	-2.29E-07	-1.07E-07	-9.69E-08	-4.42E-08	-8.73E-08	-4.37E-09	-1.06E-07	-2.33E-08	-1.45E-08	-2.30E-08	-4.06E-09	-5.76E-09	-1.81E-07
3451	475469.83, 3849232.25	2.18626	-2.77E-04	-1.29E-04	-2.55E-04	-9.57E-08	-2.89E-07	-1.67E-07	-7.82E-08	-7.09E-08	-3.24E-08	-6.39E-08	-3.20E-09	-7.72E-08	-1.70E-08	-1.06E-08	-1.68E-08	-2.97E-09	-4.21E-09	-1.32E-07

3452	475469.83, 3849257.25	1.79581	-2.27E-04	-1.06E-04	-2.10E-04	-7.86E-08	-2.37E-07	-1.37E-07	-6.43E-08	-5.82E-08	-2.66E-08	-5.25E-08	-2.63E-09	-6.34E-08	-1.40E-08	-8.72E-09	-1.38E-08	-2.44E-09	-3.46E-09	-1.09E-07
3453	475469.83, 3849282.25	1.59905	-2.02E-04	-9.46E-05	-1.87E-04	-7.00E-08	-2.11E-07	-1.22E-07	-5.72E-08	-5.19E-08	-2.37E-08	-4.67E-08	-2.34E-09	-5.65E-08	-1.25E-08	-7.77E-09	-1.23E-08	-2.17E-09	-3.08E-09	-9.66E-08
3454	475469.83, 3849307.25	1.78429	-2.26E-04	-1.06E-04	-2.08E-04	-7.81E-08	-2.36E-07	-1.37E-07	-6.38E-08	-5.79E-08	-2.64E-08	-5.22E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.67E-09	-1.38E-08	-2.42E-09	-3.44E-09	-1.08E-07
3455	475469.83, 3849332.25	1.57417	-1.99E-04	-9.31E-05	-1.84E-04	-6.89E-08	-2.08E-07	-1.21E-07	-5.63E-08	-5.11E-08	-2.33E-08	-4.60E-08	-2.30E-09	-5.56E-08	-1.23E-08	-7.65E-09	-1.21E-08	-2.14E-09	-3.03E-09	-9.51E-08
3456	475469.83, 3849357.25	1.3228	-1.67E-04	-7.82E-05	-1.54E-04	-5.79E-08	-1.75E-07	-1.01E-07	-4.73E-08	-4.29E-08	-1.96E-08	-3.87E-08	-1.93E-09	-4.67E-08	-1.03E-08	-6.43E-09	-1.02E-08	-1.80E-09	-2.55E-09	-7.99E-08
3457	475469.83, 3849382.25	1.17882	-1.49E-04	-6.97E-05	-1.38E-04	-5.16E-08	-1.56E-07	-9.02E-08	-4.22E-08	-3.82E-08	-1.74E-08	-3.45E-08	-1.72E-09	-4.16E-08	-9.19E-09	-5.73E-09	-9.08E-09	-1.60E-09	-2.27E-09	-7.12E-08
3458	475469.83, 3849407.25	1.08193	-1.37E-04	-6.40E-05	-1.26E-04	-4.74E-08	-1.43E-07	-8.28E-08	-3.87E-08	-3.51E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.43E-09	-5.26E-09	-8.34E-09	-1.47E-09	-2.09E-09	-6.54E-08
3459	475469.83, 3849432.25	1.00232	-1.27E-04	-5.93E-05	-1.17E-04	-4.39E-08	-1.33E-07	-7.67E-08	-3.59E-08	-3.25E-08	-1.48E-08	-2.93E-08	-1.47E-09	-3.54E-08	-7.81E-09	-4.87E-09	-7.72E-09	-1.36E-09	-1.93E-09	-6.06E-08
3460	475494.83, 3849157.25	5.96211	-7.54E-04	-3.53E-04	-6.96E-04	-2.61E-07	-7.88E-07	-4.56E-07	-2.13E-07	-1.93E-07	-8.82E-08	-1.74E-07	-8.72E-09	-2.11E-07	-4.65E-08	-2.90E-08	-4.59E-08	-8.10E-09	-1.15E-08	-3.60E-07
3461	475494.83, 3849182.25	3.30507	-4.18E-04	-1.95E-04	-3.86E-04	-1.45E-07	-4.37E-07	-2.53E-07	-1.18E-07	-1.07E-07	-4.89E-08	-9.66E-08	-4.83E-09	-1.17E-07	-2.58E-08	-1.61E-08	-2.55E-08	-4.49E-09	-6.37E-09	-2.00E-07
3462	475494.83, 3849207.25	2.16044	-2.73E-04	-1.28E-04	-2.52E-04	-9.46E-08	-2.86E-07	-1.65E-07	-7.73E-08	-7.01E-08	-3.20E-08	-6.31E-08	-3.16E-09	-7.63E-08	-1.68E-08	-1.05E-08	-1.66E-08	-2.93E-09	-4.17E-09	-1.31E-07
3463	475494.83, 3849232.25	1.59235	-2.01E-04	-9.42E-05	-1.86E-04	-6.97E-08	-2.11E-07	-1.22E-07	-5.70E-08	-5.16E-08	-2.36E-08	-4.65E-08	-2.33E-09	-5.62E-08	-1.24E-08	-7.74E-09	-1.23E-08	-2.16E-09	-3.07E-09	-9.62E-08
3464	475494.83, 3849257.25	1.35141	-1.71E-04	-7.99E-05	-1.58E-04	-5.92E-08	-1.79E-07	-1.03E-07	-4.84E-08	-4.38E-08	-2.00E-08	-3.95E-08	-1.98E-09	-4.77E-08	-1.05E-08	-6.57E-09	-1.04E-08	-1.84E-09	-2.61E-09	-8.17E-08
3465	475494.83, 3849282.25	1.36947	-1.73E-04	-8.10E-05	-1.60E-04	-6.00E-08	-1.81E-07	-1.05E-07	-4.90E-08	-4.44E-08	-2.03E-08	-4.00E-08	-2.00E-09	-4.84E-08	-1.07E-08	-6.65E-09	-1.06E-08	-1.86E-09	-2.64E-09	-8.28E-08
3466	475494.83, 3849307.25	1.73401	-2.19E-04	-1.03E-04	-2.03E-04	-7.59E-08	-2.29E-07	-1.33E-07	-6.20E-08	-5.62E-08	-2.57E-08	-5.07E-08	-2.54E-09	-6.13E-08	-1.35E-08	-8.42E-09	-1.34E-08	-2.36E-09	-3.34E-09	-1.05E-07
3467	475494.83, 3849332.25	1.70261	-2.15E-04	-1.01E-04	-1.99E-04	-7.46E-08	-2.25E-07	-1.30E-07	-6.09E-08	-5.52E-08	-2.52E-08	-4.98E-08	-2.49E-09	-6.01E-08	-1.33E-08	-8.27E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
3468	475494.83, 3849357.25	1.42467	-1.80E-04	-8.42E-05	-1.66E-04	-6.24E-08	-1.88E-07	-1.09E-07	-5.10E-08	-4.62E-08	-2.11E-08	-4.16E-08	-2.08E-09	-5.03E-08	-1.11E-08	-6.92E-09	-1.10E-08	-1.93E-09	-2.75E-09	-8.61E-08
3469	475494.83, 3849382.25	1.23484	-1.56E-04	-7.30E-05	-1.44E-04	-5.41E-08	-1.63E-07	-9.45E-08	-4.42E-08	-4.01E-08	-1.83E-08	-3.61E-08	-1.81E-09	-4.36E-08	-9.63E-09	-6.00E-09	-9.52E-09	-1.68E-09	-2.38E-09	-7.46E-08
3470	475494.83, 3849407.25	1.11004	-1.40E-04	-6.56E-05	-1.30E-04	-4.86E-08	-1.47E-07	-8.50E-08	-3.97E-08	-3.60E-08	-1.64E-08	-3.24E-08	-1.62E-09	-3.92E-08	-8.65E-09	-5.39E-09	-8.55E-09	-1.51E-09	-2.14E-09	-6.71E-08
3471	475494.83, 3849432.25	1.02361	-1.30E-04	-6.05E-05	-1.20E-04	-4.48E-08	-1.35E-07	-7.84E-08	-3.66E-08	-3.32E-08	-1.51E-08	-2.99E-08	-1.50E-09	-3.62E-08	-7.98E-09	-4.97E-09	-7.89E-09	-1.39E-09	-1.97E-09	-6.19E-08
3472	475519.83, 3849157.25	5.52634	-6.99E-04	-3.27E-04	-6.45E-04	-2.42E-07	-7.31E-07	-4.23E-07	-1.98E-07	-1.79E-07	-8.18E-08	-1.62E-07	-8.08E-09	-1.95E-07	-4.31E-08	-2.68E-08	-4.26E-08	-7.51E-09	-1.07E-08	-3.34E-07
3473	475519.83, 3849182.25	2.85609	-3.61E-04	-1.69E-04	-3.34E-04	-1.25E-07	-3.78E-07	-2.19E-07	-1.02E-07	-9.26E-08	-4.23E-08	-8.35E-08	-4.18E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.20E-08	-3.88E-09	-5.51E-09	-1.73E-07
3474	475519.83, 3849207.25	1.74981	-2.21E-04	-1.03E-04	-2.04E-04	-7.66E-08	-2.31E-07	-1.34E-07	-6.26E-08	-5.68E-08	-2.59E-08	-5.11E-08	-2.56E-09	-6.18E-08	-1.36E-08	-8.50E-09	-1.35E-08	-2.38E-09	-3.37E-09	-1.06E-07
3475	475519.83, 3849232.25	1.34347	-1.70E-04	-7.94E-05	-1.57E-04	-5.88E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.96E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.82E-09	-2.59E-09	-8.12E-08
3476	475519.83, 3849257.25	1.21001	-1.53E-04	-7.16E-05	-1.41E-04	-5.30E-08	-1.60E-07	-9.26E-08	-4.33E-08	-3.92E-08	-1.79E-08	-3.54E-08	-1.77E-09	-4.27E-08	-9.43E-09	-5.88E-09	-9.32E-09	-1.64E-09	-2.33E-09	-7.31E-08
3477	475519.83, 3849282.25	1.36203	-1.72E-04	-8.05E-05	-1.59E-04	-5.96E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.23E-08
3478	475519.83, 3849307.25	1.59398	-2.02E-04	-9.43E-05	-1.86E-04	-6.98E-08	-2.11E-07	-1.22E-07	-5.70E-08	-5.17E-08	-2.36E-08	-4.66E-08	-2.33E-09	-5.63E-08	-1.24E-08	-7.74E-09	-1.23E-08	-2.16E-09	-3.07E-09	-9.63E-08
3479	475519.83, 3849332.25	1.78293	-2.26E-04	-1.05E-04	-2.08E-04	-7.81E-08	-2.36E-07	-1.36E-07	-6.38E-08	-5.78E-08	-2.64E-08	-5.21E-08	-2.61E-09	-6.30E-08	-1.39E-08	-8.66E-09	-1.37E-08	-2.42E-09	-3.44E-09	-1.08E-07
3480	475519.83, 3849357.25	1.48938	-1.88E-04	-8.81E-05	-1.74E-04	-6.52E-08	-1.97E-07	-1.14E-07	-5.33E-08	-4.83E-08	-2.20E-08	-4.35E-08	-2.18E-09	-5.26E-08	-1.16E-08	-7.24E-09	-1.15E-08	-2.02E-09	-2.87E-09	-9.00E-08
3481	475519.83, 3849382.25	1.27458	-1.61E-04	-7.54E-05	-1.49E-04	-5.58E-08	-1.69E-07	-9.76E-08	-4.56E-08	-4.13E-08	-1.89E-08	-3.73E-08	-1.86E-09	-4.50E-08	-9.94E-09	-6.19E-09	-9.82E-09	-1.73E-09	-2.46E-09	-7.70E-08
3482	475519.83, 3849407.25	1.14244	-1.45E-04	-6.76E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.75E-08	-4.09E-08	-3.71E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.91E-09	-5.55E-09	-8.80E-09	-1.55E-09	-2.20E-09	-6.90E-08
3483	475519.83, 3849432.25	1.05327	-1.33E-04	-6.23E-05	-1.23E-04	-4.61E-08	-1.39E-07	-8.06E-08	-3.77E-08	-3.42E-08	-1.56E-08	-3.08E-08	-1.54E-09	-3.72E-08	-8.21E-09	-5.12E-09	-8.12E-09	-1.43E-09	-2.03E-09	-6.37E-08
3484	475544.83, 3849182.25	3.02376	-3.83E-04	-1.79E-04	-3.53E-04	-1.32E-07	-4.00E-07	-2.31E-07	-1.08E-07	-9.81E-08	-4.48E-08	-8.84E-08	-4.42E-09	-1.07E-07	-2.36E-08	-1.47E-08	-2.33E-08	-4.11E-09	-5.83E-09	-1.83E-07
3485	475544.83, 3849207.25	1.90115	-2.41E-04	-1.12E-04	-2.22E-04	-8.33E-08	-2.51E-07	-1.46E-07	-6.80E-08	-6.17E-08	-2.81E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
3486	475544.83, 3849232.25	1.46366	-1.85E-04	-8.66E-05	-1.71E-04	-6.41E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.11E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.85E-08
3487	475544.83, 3849257.25	1.27697	-1.62E-04	-7.55E-05	-1.49E-04	-5.59E-08	-1.69E-07	-9.78E-08	-4.57E-08	-4.14E-08	-1.89E-08	-3.73E-08	-1.87E-09	-4.51E-08	-9.95E-09	-6.20E-09	-9.84E-09	-1.73E-09	-2.46E-09	-7.72E-08
3488	475544.83, 3849282.25	1.36234	-1.72E-04	-8.06E-05	-1.59E-04	-5.97E-08	-1.80E-07	-1.04E-07	-4.87E-08	-4.42E-08	-2.02E-08	-3.98E-08	-1.99E-09	-4.81E-08	-1.06E-08	-6.62E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.23E-08
3489	475544.83, 3849307.25	1.79691	-2.27E-04	-1.06E-04	-2.10E-04	-7.87E-08	-2.38E-07	-1.38E-07	-6.43E-08	-5.83E-08	-2.66E-08	-5.25E-08	-2.63E-09	-6.35E-08	-1.40E-08	-8.73E-09	-1.38E-08	-2.44E-09	-3.46E-09	-1.09E-07
3490	475544.83, 3849332.25	1.82819	-2.31E-04	-1.08E-04	-2.14E-04	-8.01E-08	-2.42E-07	-1.40E-07	-6.54E-08	-5.93E-08	-2.71E-08	-5.34E-08	-2.67E-09	-6.46E-08	-1.43E-08	-8.88E-09	-1.41E-08	-2.48E-09	-3.52E-09	-1.10E-07
3491	475544.83, 3849357.25	1.49342	-1.89E-04	-8.83E-05	-1.74E-04	-6.54E-08	-1.97E-07	-1.14E-07	-5.34E-08	-4.84E-08	-2.21E-08	-4.36E-08	-2.18E-09	-5.28E-08	-1.16E-08	-7.25E-09	-1.15E-08	-2.03E-09	-2.88E-09	-9.03E-08
3492	475544.83, 3849382.25	1.29355	-1.64E-04	-7.65E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.90E-08	-4.63E-08	-4.20E-08	-1.91E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.28E-09	-9.97E-09	-1.76E-09	-2.49E-09	-7.82E-08
3493	475544.83, 3849407.25	1.17355	-1.48E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.98E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.15E-08	-9.15E-09	-5.70E-09	-9.04E-09	-1.59E-09	-2.26E-09	-7.09E-08
3494	475544.83, 3849432.25	1.08029	-1.37E-04	-6.39E-05	-1.26E-04	-4.73E-08	-1.43E-07	-8.27E-08	-3.87E-08	-3.50E-08	-1.60E-08	-3.16E-08	-1.58E-09	-3.82E-08	-8.42E-09	-5.25E-09	-8.33E-09	-1.47E-09	-2.08E-09	-6.53E-08
3495	475569.83, 3849182.25	4.21349	-5.33E-04	-2.49E-04	-4.92E-04	-1.85E-07	-5.57E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.24E-08	-1.23E-07	-6.16E-09	-1.49E-07	-3.28E-08	-2.05E-08	-3.25E-08	-5.72E-09	-8.12E-09	-2.55E-07
3496	475569.83, 3849207.25	2.48468	-3.14E-04	-1.47E-04	-2.90E-04	-1.09E-07	-3.29E-07	-1.90E-07	-8.89E-08	-8.06E-08	-3.68E-08	-7.26E-08	-3.63E-09	-8.78E-08	-1.94E-08	-1.21E-08	-1.91E-08	-3.37E-09	-4.79E-09	-1.50E-07
3497	475569.83, 3849232.25	1.82123	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.43E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3498	475569.83, 3849257.25	1.6191	-2.05E-04	-9.57E-05	-1.89E-04	-7.09E-08	-2.14E-07	-1.24E-07	-5.79E-08	-5.25E-08	-2.40E-08	-4.73E-08	-2.37E-09	-5.72E-08	-1.26E-08	-7.87E-09	-1.25E-08	-2.20E-09	-3.12E-09	-9.78E-08
3499	475569.83, 3849282.25	1.74511	-2.21E-04	-1.03E-04	-2.04E-04	-7.64E-08	-2.31E-07	-1.34E-07	-6.24E-08	-5.66E-08	-2.58E-08	-5.10E-08	-2.55E-09	-6.16E-08	-1.36E-08	-8.48E-09	-1.34E-08	-2.37E-09	-3.36E-09	-1.05E-07
3500	475569.83, 3849307.25	2.05281	-2.60E-04	-1.21E-04	-2.40E-04	-8.99E-08	-2.71E-07	-1.57E-07	-7.34E-08	-6.66E-08	-3.04E-08	-6.00E-08	-3.00E-09	-7.25E-08	-1.60E-08	-9.97E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
3501	475569.83, 3849332.25	1.8586	-2.35E-04	-1.10E-04	-2.17E-04	-8.14E-08	-2.46E-07	-1.42E-07	-6.65E-08	-6.03E-08	-2.75E-08	-5.43E-08	-2.72E-09	-6.57E-08	-1.45E-08	-9.03E-09	-1.43E-08	-2.52E-09	-3.58E-09	-1.12E-07
3502	475569.83, 3849357.25	1.52951	-1.94E-04	-9.04E-05	-1.79E-04	-6.70E-08	-2.02E-07	-1.17E-07	-5.47E-08	-4.96E-08	-2.26E-08	-4.47E-08	-2.24E-09	-5.40E-08	-1.19E-08	-7.43E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.24E-08
3503	475569.83, 3849382.25	1.33272	-1.69E-04	-7.88E-05	-1.56E-04	-5.84E-08	-1.76E-07	-1.02E-07	-4.77E-08	-4.32E-08	-1.97E-08	-3.90E-08	-1.95E-09	-4.71E-08	-1.04E-08	-6.47E-09	-1.03E-08	-1.81E-09	-2.57E-09	-8.05E-08
3504	475569.83, 3849407.25	1.20573	-1.53E-04	-7.13E-05	-1.41E-04	-5.28E-08	-1.59E-07	-9.23E-08	-4.31E-08	-3.91E-08	-1.78E-08	-3.52E-08	-1.76E-09	-4.26E-08	-9.40E-09	-5.86E-09	-9.29E-09	-1.64E-09	-2.32E-09	-7.29E-08
3505	475569.83, 3849432.25	1.1059	-1.40E-04	-6.54E-05	-1.29E-04	-4.84E-08	-1.46E-07	-8.47E-08	-3.96E-08	-3.59E-08	-1.64E-08	-3.23E-08	-1.62E-09	-3.91E-08	-8.62E-09	-5.37E-09	-8.52E-09	-1.50E-09	-2.13E-09	-6.68E-08
3506	475594.83, 3849182.25	6.60401	-8.35E-04	-3.91E-04	-7.71E-04	-2.89E-07	-8.73E-07	-5.06E-07	-2.36E-07	-2.14E-07	-9.77E-08	-1.93E-07	-9.66E-09	-2.33E-07	-5.15E-08	-3.21E-08	-5.09E-08	-8.97E-09	-1.27E-08	-3.99E-07
3507	475594.83, 3849207.25	3.81557	-4.83E-04	-2.26E-04	-4.46E-04	-1.67E-07	-5.05E-07	-2.92E-07	-1.37E-07	-1.24E-07	-5.65E-08	-1.12E-07	-5.58E-09	-1.35E-07	-2.97E-08	-1.85E-08	-2.94E-08	-5.18E-09	-7.36E-09	-2.31E-07
3508	475594.83, 3849232.25	2.79645	-3.54E-04	-1.65E-04	-3.27E-04	-1.22E-07	-3.70E-07	-2.14E-07	-1.00E-07	-9.07E-08	-4.14E-08	-8.17E-08	-4.09E-09	-9.88E-08	-2.18E-08	-1.36E-08	-2.16E-08	-3.80E-09	-5.39E-09	-1.69E-07
3509	475594.83, 3849257.25	2.51064	-3.18E-04	-1.48E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.98E-08	-8.14E-08	-3.72E-08	-7.34E-08	-3.67E-09	-8.87E-08	-1.96E-08	-1.22E-08	-1.93E-08	-3.41E-09	-4.84E-09	-1.52E-07
3510	475594.83, 3849282.25	2.40336	-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.60E-08	-7.80E-08	-3.56E-08	-7.02E-08	-3.51E-09	-8.49E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.63E-09	-1.45E-07
3511	475594.83, 3849307.25	2.24146	-2.84E-04	-1.33E-04	-2.62E-04	-9.82E-08	-2.96E-07	-1.72E-07	-8.02E-08	-7.27E-08	-3.32E-08	-6.55E-08	-3.28E-09	-7.92E-08	-1.75E-08	-1.09E-08	-1.73E-08	-3.04E-09	-4.32E-09	-1.35E-07
3512	475594.83, 3849332.25	1.86746	-2.36E-04	-1.10E-04	-2.18E-04	-8.18E-08	-2.47E-07	-1.43E-07	-6.68E-08	-6.06E-08	-2.76E-08	-5.46E-08	-2.73E-09	-6.60E-08	-1.46E-08	-9.07E-09	-1.44E-08	-2.54E-09	-3.60E-09	-1.13E-07
3513	475594.83, 3849357.25	1.556	-1.97E-04	-9.20E-05	-1.82E-04	-6.81E-08	-2.06E-07	-1.19E-07	-5.57E-08	-5.05E-08	-2.30E-08	-4.55E-08	-2.28E-09	-5.50E-08	-1.21E-08	-7.56E-09	-1.20E-08	-2.11E-09	-3.00E-09	-9.40E-08
3514	475594.83, 3849382.25	1.365	-1.73E-04	-8.07E-05	-1.59E-04	-5.98E-08	-1.80E-07	-1.04E-07	-4.88E-08	-4.43E-08	-2.02E-08	-3.99E-08	-2.00E-09	-4.82E-08	-1.06E-08	-6.63E-09	-1.05E-08	-1.85E-09	-2.63E-09	-8.25E-08
3515	475594.83, 3849407.25	1.23725	-1.57E-04	-7.32E-05	-1.44E-04	-5.42E-08	-1.64E-07	-9.47E-08	-4.43E-08	-4.01E-08	-1.83E-08	-3.62E-08	-1.81E-09	-4.37E-08	-9.64E-09	-6.01E-09	-9.53E-09	-1.68E-09	-2.39E-09	-7.48E-08

3516	475594.83, 3849432.25	1.13452	-1.44E-04	-6.71E-05	-1.32E-04	-4.97E-08	-1.50E-07	-8.68E-08	-4.06E-08	-3.68E-08	-1.68E-08	-3.32E-08	-1.66E-09	-4.01E-08	-8.84E-09	-5.51E-09	-8.74E-09	-1.54E-09	-2.19E-09	-6.86E-08
3517	475594.83, 3849457.25	1.04469	-1.32E-04	-6.18E-05	-1.22E-04	-4.58E-08	-1.38E-07	-8.00E-08	-3.74E-08	-3.39E-08	-1.55E-08	-3.05E-08	-1.53E-09	-3.69E-08	-8.14E-09	-5.08E-09	-8.05E-09	-1.42E-09	-2.01E-09	-6.31E-08
3518	475619.83, 3849182.25	7.69767	-9.74E-04	-4.55E-04	-8.99E-04	-3.37E-07	-1.02E-06	-5.89E-07	-2.75E-07	-2.50E-07	-1.14E-07	-2.25E-07	-1.13E-08	-2.72E-07	-6.00E-08	-3.74E-08	-5.93E-08	-1.05E-08	-1.48E-08	-4.65E-07
3519	475619.83, 3849207.25	5.272	-6.67E-04	-3.12E-04	-6.16E-04	-2.31E-07	-6.97E-07	-4.04E-07	-1.89E-07	-1.71E-07	-7.80E-08	-1.54E-07	-7.71E-09	-1.86E-07	-4.11E-08	-2.56E-08	-4.06E-08	-7.16E-09	-1.02E-08	-3.19E-07
3520	475619.83, 3849232.25	3.98076	-5.04E-04	-2.35E-04	-4.65E-04	-1.74E-07	-5.26E-07	-3.05E-07	-1.42E-07	-1.29E-07	-5.89E-08	-1.16E-07	-5.82E-09	-1.41E-07	-3.10E-08	-1.93E-08	-3.07E-08	-5.41E-09	-7.67E-09	-2.41E-07
3521	475619.83, 3849257.25	3.24283	-4.10E-04	-1.92E-04	-3.79E-04	-1.42E-07	-4.29E-07	-2.48E-07	-1.16E-07	-1.05E-07	-4.80E-08	-9.48E-08	-4.74E-09	-1.15E-07	-2.53E-08	-1.58E-08	-2.50E-08	-4.40E-09	-6.25E-09	-1.96E-07
3522	475619.83, 3849282.25	2.70416	-3.42E-04	-1.60E-04	-3.16E-04	-1.18E-07	-3.58E-07	-2.07E-07	-9.68E-08	-8.77E-08	-4.00E-08	-7.90E-08	-3.95E-09	-9.55E-08	-2.11E-08	-1.31E-08	-2.08E-08	-3.67E-09	-5.21E-09	-1.63E-07
3523	475619.83, 3849307.25	2.28523	-2.89E-04	-1.35E-04	-2.67E-04	-1.00E-07	-3.02E-07	-1.75E-07	-8.18E-08	-7.41E-08	-3.38E-08	-6.68E-08	-3.34E-09	-8.07E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.10E-09	-4.41E-09	-1.38E-07
3524	475619.83, 3849332.25	1.87892	-2.38E-04	-1.11E-04	-2.19E-04	-8.23E-08	-2.48E-07	-1.44E-07	-6.72E-08	-6.09E-08	-2.78E-08	-5.49E-08	-2.75E-09	-6.64E-08	-1.46E-08	-9.13E-09	-1.45E-08	-2.55E-09	-3.62E-09	-1.14E-07
3525	475619.83, 3849357.25	1.58806	-2.01E-04	-9.39E-05	-1.85E-04	-6.95E-08	-2.10E-07	-1.22E-07	-5.68E-08	-5.15E-08	-2.35E-08	-4.64E-08	-2.32E-09	-5.61E-08	-1.24E-08	-7.71E-09	-1.22E-08	-2.16E-09	-3.06E-09	-9.60E-08
3526	475619.83, 3849382.25	1.40126	-1.77E-04	-8.29E-05	-1.64E-04	-6.14E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.54E-08	-2.07E-08	-4.10E-08	-2.05E-09	-4.95E-08	-1.09E-08	-6.81E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.47E-08
3527	475619.83, 3849407.25	1.27017	-1.61E-04	-7.51E-05	-1.48E-04	-5.56E-08	-1.68E-07	-9.72E-08	-4.54E-08	-4.12E-08	-1.88E-08	-3.71E-08	-1.86E-09	-4.49E-08	-9.90E-09	-6.17E-09	-9.79E-09	-1.73E-09	-2.45E-09	-7.68E-08
3528	475619.83, 3849432.25	1.16284	-1.47E-04	-6.88E-05	-1.36E-04	-5.09E-08	-1.54E-07	-8.90E-08	-4.16E-08	-3.77E-08	-1.72E-08	-3.40E-08	-1.70E-09	-4.11E-08	-9.06E-09	-5.65E-09	-8.96E-09	-1.58E-09	-2.24E-09	-7.03E-08
3529	475619.83, 3849457.25	1.07015	-1.35E-04	-6.33E-05	-1.25E-04	-4.69E-08	-1.42E-07	-8.19E-08	-3.83E-08	-3.47E-08	-1.58E-08	-3.13E-08	-1.57E-09	-3.78E-08	-8.34E-09	-5.20E-09	-8.25E-09	-1.45E-09	-2.06E-09	-6.47E-08
3530	475644.83, 3849182.25	8.162	-1.03E-03	-4.83E-04	-9.53E-04	-3.57E-07	-1.08E-06	-6.25E-07	-2.92E-07	-2.65E-07	-1.21E-07	-2.39E-07	-1.19E-08	-2.88E-07	-6.36E-08	-3.97E-08	-6.29E-08	-1.11E-08	-1.57E-08	-4.93E-07
3531	475644.83, 3849207.25	5.43214	-6.87E-04	-3.21E-04	-6.34E-04	-2.38E-07	-7.18E-07	-4.16E-07	-1.94E-07	-1.76E-07	-8.04E-08	-1.59E-07	-7.94E-09	-1.92E-07	-4.23E-08	-2.64E-08	-4.19E-08	-7.38E-09	-1.05E-08	-3.28E-07
3532	475644.83, 3849232.25	4.06575	-5.14E-04	-2.40E-04	-4.75E-04	-1.78E-07	-5.38E-07	-3.11E-07	-1.45E-07	-1.32E-07	-6.02E-08	-1.19E-07	-5.95E-09	-1.44E-07	-3.17E-08	-1.98E-08	-3.13E-08	-5.52E-09	-7.84E-09	-2.46E-07
3533	475644.83, 3849257.25	3.22385	-4.08E-04	-1.91E-04	-3.76E-04	-1.41E-07	-4.26E-07	-2.47E-07	-1.15E-07	-1.05E-07	-4.77E-08	-9.42E-08	-4.71E-09	-1.14E-07	-2.51E-08	-1.57E-08	-2.48E-08	-4.38E-09	-6.22E-09	-1.95E-07
3534	475644.83, 3849282.25	2.63127	-3.33E-04	-1.56E-04	-3.07E-04	-1.15E-07	-3.48E-07	-2.01E-07	-9.41E-08	-8.53E-08	-3.89E-08	-7.69E-08	-3.85E-09	-9.29E-08	-2.05E-08	-1.28E-08	-2.03E-08	-3.57E-09	-5.07E-09	-1.59E-07
3535	475644.83, 3849307.25	2.22086	-2.81E-04	-1.31E-04	-2.59E-04	-9.73E-08	-2.94E-07	-1.70E-07	-7.95E-08	-7.20E-08	-3.29E-08	-6.49E-08	-3.25E-09	-7.85E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.02E-09	-4.28E-09	-1.34E-07
3536	475644.83, 3849332.25	1.87738	-2.38E-04	-1.11E-04	-2.19E-04	-8.22E-08	-2.48E-07	-1.44E-07	-6.72E-08	-6.09E-08	-2.78E-08	-5.49E-08	-2.75E-09	-6.63E-08	-1.46E-08	-9.12E-09	-1.45E-08	-2.55E-09	-3.62E-09	-1.13E-07
3537	475644.83, 3849357.25	1.62418	-2.05E-04	-9.60E-05	-1.90E-04	-7.11E-08	-2.15E-07	-1.24E-07	-5.81E-08	-5.27E-08	-2.40E-08	-4.75E-08	-2.38E-09	-5.74E-08	-1.27E-08	-7.89E-09	-1.25E-08	-2.21E-09	-3.13E-09	-9.82E-08
3538	475644.83, 3849382.25	1.44206	-1.82E-04	-8.53E-05	-1.68E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.13E-08	-4.21E-08	-2.11E-09	-5.09E-08	-1.12E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.71E-08
3539	475644.83, 3849407.25	1.30474	-1.65E-04	-7.72E-05	-1.52E-04	-5.71E-08	-1.73E-07	-9.99E-08	-4.67E-08	-4.23E-08	-1.93E-08	-3.81E-08	-1.91E-09	-4.61E-08	-1.02E-08	-6.34E-09	-1.01E-08	-1.77E-09	-2.52E-09	-7.88E-08
3540	475644.83, 3849432.25	1.1912	-1.51E-04	-7.04E-05	-1.39E-04	-5.22E-08	-1.58E-07	-9.12E-08	-4.26E-08	-3.86E-08	-1.76E-08	-3.48E-08	-1.74E-09	-4.21E-08	-9.29E-09	-5.79E-09	-9.18E-09	-1.62E-09	-2.30E-09	-7.20E-08
3541	475644.83, 3849457.25	1.09526	-1.39E-04	-6.48E-05	-1.28E-04	-4.80E-08	-1.45E-07	-8.38E-08	-3.92E-08	-3.55E-08	-1.62E-08	-3.20E-08	-1.60E-09	-3.87E-08	-8.54E-09	-5.32E-09	-8.44E-09	-1.49E-09	-2.11E-09	-6.62E-08
3542	475669.83, 3849182.25	8.88217	-1.12E-03	-5.25E-04	-1.04E-03	-3.89E-07	-1.17E-06	-6.80E-07	-3.18E-07	-2.88E-07	-1.31E-07	-2.60E-07	-1.30E-08	-3.14E-07	-6.92E-08	-4.31E-08	-6.85E-08	-1.21E-08	-1.71E-08	-5.37E-07
3543	475669.83, 3849207.25	5.5626	-7.04E-04	-3.29E-04	-6.50E-04	-2.44E-07	-7.36E-07	-4.26E-07	-1.99E-07	-1.80E-07	-8.23E-08	-1.63E-07	-8.13E-09	-1.96E-07	-4.34E-08	-2.70E-08	-4.29E-08	-7.56E-09	-1.07E-08	-3.36E-07
3544	475669.83, 3849232.25	4.07089	-5.15E-04	-2.41E-04	-4.75E-04	-1.78E-07	-5.38E-07	-3.12E-07	-1.46E-07	-1.32E-07	-6.02E-08	-1.19E-07	-5.95E-09	-1.44E-07	-3.17E-08	-1.98E-08	-3.14E-08	-5.53E-09	-7.85E-09	-2.46E-07
3545	475669.83, 3849257.25	3.21721	-4.07E-04	-1.90E-04	-3.76E-04	-1.41E-07	-4.25E-07	-2.46E-07	-1.15E-07	-1.04E-07	-4.76E-08	-9.40E-08	-4.70E-09	-1.14E-07	-2.51E-08	-1.56E-08	-2.48E-08	-4.37E-09	-6.20E-09	-1.94E-07
3546	475669.83, 3849282.25	2.65227	-3.36E-04	-1.57E-04	-3.10E-04	-1.16E-07	-3.51E-07	-2.03E-07	-9.49E-08	-8.60E-08	-3.93E-08	-7.75E-08	-3.88E-09	-9.37E-08	-2.07E-08	-1.29E-08	-2.04E-08	-3.60E-09	-5.11E-09	-1.60E-07
3547	475669.83, 3849307.25	2.22937	-2.82E-04	-1.32E-04	-2.60E-04	-9.76E-08	-2.95E-07	-1.71E-07	-7.98E-08	-7.23E-08	-3.30E-08	-6.52E-08	-3.26E-09	-7.88E-08	-1.74E-08	-1.08E-08	-1.72E-08	-3.03E-09	-4.30E-09	-1.35E-07
3548	475669.83, 3849332.25	1.91656	-2.42E-04	-1.13E-04	-2.24E-04	-8.39E-08	-2.53E-07	-1.47E-07	-6.86E-08	-6.22E-08	-2.84E-08	-5.60E-08	-2.80E-09	-6.77E-08	-1.49E-08	-9.31E-09	-1.48E-08	-2.60E-09	-3.69E-09	-1.16E-07
3549	475669.83, 3849357.25	1.67145	-2.11E-04	-9.88E-05	-1.95E-04	-7.32E-08	-2.21E-07	-1.28E-07	-5.98E-08	-5.42E-08	-2.47E-08	-4.89E-08	-2.44E-09	-5.90E-08	-1.30E-08	-8.12E-09	-1.29E-08	-2.27E-09	-3.22E-09	-1.01E-07
3550	475669.83, 3849382.25	1.48449	-1.88E-04	-8.78E-05	-1.73E-04	-6.50E-08	-1.96E-07	-1.14E-07	-5.31E-08	-4.81E-08	-2.20E-08	-4.34E-08	-2.17E-09	-5.24E-08	-1.16E-08	-7.21E-09	-1.14E-08	-2.02E-09	-2.86E-09	-8.97E-08
3551	475669.83, 3849407.25	1.34046	-1.70E-04	-7.93E-05	-1.57E-04	-5.87E-08	-1.77E-07	-1.03E-07	-4.80E-08	-4.35E-08	-1.98E-08	-3.92E-08	-1.96E-09	-4.74E-08	-1.04E-08	-6.51E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.10E-08
3552	475669.83, 3849432.25	1.22038	-1.54E-04	-7.22E-05	-1.43E-04	-5.34E-08	-1.61E-07	-9.34E-08	-4.37E-08	-3.96E-08	-1.81E-08	-3.57E-08	-1.78E-09	-4.31E-08	-9.51E-09	-5.93E-09	-9.40E-09	-1.66E-09	-2.35E-09	-7.38E-08
3553	475669.83, 3849457.25	1.11947	-1.42E-04	-6.62E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.57E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.95E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
3554	475694.83, 3849207.25	6.03879	-7.64E-04	-3.57E-04	-7.05E-04	-2.64E-07	-7.99E-07	-4.62E-07	-2.16E-07	-1.96E-07	-8.94E-08	-1.76E-07	-8.83E-09	-2.13E-07	-4.71E-08	-2.93E-08	-4.65E-08	-8.20E-09	-1.16E-08	-3.65E-07
3555	475694.83, 3849232.25	4.35359	-5.51E-04	-2.57E-04	-5.08E-04	-1.91E-07	-5.76E-07	-3.33E-07	-1.56E-07	-1.41E-07	-6.44E-08	-1.27E-07	-6.37E-09	-1.54E-07	-3.39E-08	-2.11E-08	-3.36E-08	-5.91E-09	-8.39E-09	-2.63E-07
3556	475694.83, 3849257.25	3.38343	-4.28E-04	-2.00E-04	-3.95E-04	-1.48E-07	-4.47E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.01E-08	-9.89E-08	-4.95E-09	-1.20E-07	-2.64E-08	-1.64E-08	-2.61E-08	-4.60E-09	-6.52E-09	-2.04E-07
3557	475694.83, 3849282.25	2.75857	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.87E-08	-8.95E-08	-4.08E-08	-8.06E-08	-4.03E-09	-9.74E-08	-2.15E-08	-1.34E-08	-2.13E-08	-3.75E-09	-5.32E-09	-1.67E-07
3558	475694.83, 3849307.25	2.30898	-2.92E-04	-1.37E-04	-2.70E-04	-1.01E-07	-3.05E-07	-1.77E-07	-8.26E-08	-7.49E-08	-3.42E-08	-6.75E-08	-3.38E-09	-8.16E-08	-1.80E-08	-1.12E-08	-1.78E-08	-3.14E-09	-4.45E-09	-1.40E-07
3559	475694.83, 3849332.25	1.97553	-2.50E-04	-1.17E-04	-2.31E-04	-8.65E-08	-2.61E-07	-1.51E-07	-7.07E-08	-6.41E-08	-2.92E-08	-5.77E-08	-2.89E-09	-6.98E-08	-1.54E-08	-9.60E-09	-1.52E-08	-2.68E-09	-3.81E-09	-1.19E-07
3560	475694.83, 3849357.25	1.72598	-2.18E-04	-1.02E-04	-2.02E-04	-7.56E-08	-2.28E-07	-1.32E-07	-6.18E-08	-5.60E-08	-2.55E-08	-5.04E-08	-2.52E-09	-6.10E-08	-1.35E-08	-8.38E-09	-1.33E-08	-2.34E-09	-3.33E-09	-1.04E-07
3561	475694.83, 3849382.25	1.53202	-1.94E-04	-9.06E-05	-1.79E-04	-6.71E-08	-2.03E-07	-1.17E-07	-5.48E-08	-4.97E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.41E-08	-1.19E-08	-7.44E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.26E-08
3562	475694.83, 3849407.25	1.37694	-1.74E-04	-8.14E-05	-1.61E-04	-6.03E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.02E-08	-2.01E-09	-4.86E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.32E-08
3563	475694.83, 3849432.25	1.25136	-1.58E-04	-7.40E-05	-1.46E-04	-5.48E-08	-1.65E-07	-9.58E-08	-4.48E-08	-4.06E-08	-1.85E-08	-3.66E-08	-1.83E-09	-4.42E-08	-9.75E-09	-6.08E-09	-9.64E-09	-1.70E-09	-2.41E-09	-7.56E-08
3564	475694.83, 3849457.25	1.14624	-1.45E-04	-6.78E-05	-1.34E-04	-5.02E-08	-1.52E-07	-8.77E-08	-4.10E-08	-3.72E-08	-1.70E-08	-3.35E-08	-1.68E-09	-4.05E-08	-8.93E-09	-5.57E-09	-8.83E-09	-1.56E-09	-2.21E-09	-6.93E-08
3565	475719.83, 3849207.25	6.54219	-8.28E-04	-3.87E-04	-7.64E-04	-2.87E-07	-8.65E-07	-5.01E-07	-2.34E-07	-2.12E-07	-9.68E-08	-1.91E-07	-9.57E-09	-2.31E-07	-5.10E-08	-3.18E-08	-5.04E-08	-8.89E-09	-1.26E-08	-3.95E-07
3566	475719.83, 3849232.25	4.6416	-5.87E-04	-2.74E-04	-5.42E-04	-2.03E-07	-6.14E-07	-3.55E-07	-1.66E-07	-1.51E-07	-6.87E-08	-1.36E-07	-6.79E-09	-1.64E-07	-3.62E-08	-2.25E-08	-3.58E-08	-6.30E-09	-8.95E-09	-2.81E-07
3567	475719.83, 3849257.25	3.57944	-4.53E-04	-2.12E-04	-4.18E-04	-1.57E-07	-4.73E-07	-2.74E-07	-1.28E-07	-1.16E-07	-5.30E-08	-1.05E-07	-5.23E-09	-1.26E-07	-2.79E-08	-1.74E-08	-2.76E-08	-4.86E-09	-6.90E-09	-2.16E-07
3568	475719.83, 3849282.25	2.90383	-3.67E-04	-1.72E-04	-3.39E-04	-1.27E-07	-3.84E-07	-2.22E-07	-1.04E-07	-9.42E-08	-4.30E-08	-8.49E-08	-4.25E-09	-1.03E-07	-2.26E-08	-1.41E-08	-2.24E-08	-3.94E-09	-5.60E-09	-1.75E-07
3569	475719.83, 3849307.25	2.41462	-3.05E-04	-1.43E-04	-2.82E-04	-1.06E-07	-3.19E-07	-1.85E-07	-8.64E-08	-7.83E-08	-3.57E-08	-7.06E-08	-3.53E-09	-8.53E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.28E-09	-4.66E-09	-1.46E-07
3570	475719.83, 3849332.25	2.05628	-2.60E-04	-1.22E-04	-2.40E-04	-9.01E-08	-2.72E-07	-1.57E-07	-7.36E-08	-6.67E-08	-3.04E-08	-6.01E-08	-3.01E-09	-7.26E-08	-1.60E-08	-9.99E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
3571	475719.83, 3849357.25	1.78766	-2.26E-04	-1.06E-04	-2.09E-04	-7.83E-08	-2.36E-07	-1.37E-07	-6.40E-08	-5.80E-08	-2.65E-08	-5.22E-08	-2.61E-09	-6.31E-08	-1.39E-08	-8.68E-09	-1.38E-08	-2.43E-09	-3.45E-09	-1.08E-07
3572	475719.83, 3849382.25	1.58089	-2.00E-04	-9.35E-05	-1.85E-04	-6.92E-08	-2.09E-07	-1.21E-07	-5.66E-08	-5.13E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.58E-08	-1.23E-08	-7.68E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.55E-08
3573	475719.83, 3849407.25	1.41737	-1.79E-04	-8.38E-05	-1.66E-04	-6.21E-08	-1.87E-07	-1.08E-07	-5.07E-08	-4.60E-08	-2.10E-08	-4.14E-08	-2.07E-09	-5.01E-08	-1.10E-08	-6.89E-09	-1.09E-08	-1.93E-09	-2.73E-09	-8.57E-08
3574	475719.83, 3849432.25	1.28484	-1.63E-04	-7.60E-05	-1.50E-04	-5.63E-08	-1.70E-07	-9.84E-08	-4.60E-08	-4.17E-08	-1.90E-08	-3.76E-08	-1.88E-09	-4.54E-08	-1.00E-08	-6.24E-09	-9.90E-09	-1.75E-09	-2.48E-09	-7.76E-08
3575	475719.83, 3849457.25	1.1739	-1.49E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.99E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.15E-08	-9.15E-09	-5.70E-09	-9.05E-09	-1.59E-09	-2.26E-09	-7.09E-08
3576	475744.83, 3849207.25	7.12708	-9.02E-04	-4.21E-04	-8.32E-04	-3.12E-07	-9.42E-07	-5.46E-07	-2.55E-07	-2.31E-07	-1.05E-07	-2.08E-07	-1.04E-08	-2.52E-07	-5.56E-08	-3.46E-08	-5.49E-08	-9.68E-09	-1.37E-08	-4.31E-07
3577	475744.83, 3849232.25	4.95205	-6.27E-04	-2.93E-04	-5.78E-04	-2.17E-07	-6.55E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.33E-08	-1.45E-07	-7.24E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.73E-09	-9.55E-09	-2.99E-07
3578	475744.83, 3849257.25	3.77971	-4.78E-04	-2.24E-04	-4.41E-04	-1.66E-07	-5.00E-07	-2.89E-07	-1.35E-07	-1.23E-07	-5.59E-08	-1.10E-07	-5.53E-09	-1.34E-07	-2.95E-08	-1.84E-08	-2.91E-08	-5.13E-09	-7.29E-09	-2.28E-07
3579	475744.83, 3849282.25	3.04073	-3.85E-04	-1.80E-04	-3.55E-04	-1.33E-07	-4.02E-07	-2.33E-07	-1.09E-07	-9.86E-08	-4.50E-08	-8.89E-08	-4.45E-09	-1.07E-07	-2.37E-08	-1.48E-08	-2.34E-08	-4.13E-09	-5.86E-09	-1.84E-07

3580	475744.83, 3849307.25	2.51189	-3.18E-04	-1.49E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.99E-08	-8.15E-08	-3.72E-08	-7.34E-08	-3.67E-09	-8.87E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.41E-09	-4.84E-09	-1.52E-07
3581	475744.83, 3849332.25	2.12569	-2.69E-04	-1.26E-04	-2.48E-04	-9.31E-08	-2.81E-07	-1.63E-07	-7.61E-08	-6.89E-08	-3.15E-08	-6.21E-08	-3.11E-09	-7.51E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.28E-07
3582	475744.83, 3849357.25	1.84076	-2.33E-04	-1.09E-04	-2.15E-04	-8.06E-08	-2.43E-07	-1.41E-07	-6.59E-08	-5.97E-08	-2.72E-08	-5.38E-08	-2.69E-09	-6.50E-08	-1.43E-08	-8.94E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
3583	475744.83, 3849382.25	1.62313	-2.05E-04	-9.60E-05	-1.90E-04	-7.11E-08	-2.15E-07	-1.24E-07	-5.81E-08	-5.26E-08	-2.40E-08	-4.74E-08	-2.37E-09	-5.73E-08	-1.27E-08	-7.89E-09	-1.25E-08	-2.20E-09	-3.13E-09	-9.81E-08
3584	475744.83, 3849407.25	1.45183	-1.84E-04	-8.59E-05	-1.70E-04	-6.36E-08	-1.92E-07	-1.11E-07	-5.19E-08	-4.71E-08	-2.15E-08	-4.24E-08	-2.12E-09	-5.13E-08	-1.13E-08	-7.05E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.77E-08
3585	475744.83, 3849432.25	1.31269	-1.66E-04	-7.76E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.00E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.38E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
3586	475744.83, 3849457.25	1.19698	-1.51E-04	-7.08E-05	-1.40E-04	-5.24E-08	-1.58E-07	-9.16E-08	-4.28E-08	-3.88E-08	-1.77E-08	-3.50E-08	-1.75E-09	-4.23E-08	-9.33E-09	-5.81E-09	-9.22E-09	-1.63E-09	-2.31E-09	-7.23E-08
3587	475769.83, 3849207.25	7.72851	-9.78E-04	-4.57E-04	-9.03E-04	-3.38E-07	-1.02E-06	-5.92E-07	-2.77E-07	-2.51E-07	-1.14E-07	-2.26E-07	-1.13E-08	-2.73E-07	-6.02E-08	-3.75E-08	-5.96E-08	-1.05E-08	-1.49E-08	-4.67E-07
3588	475769.83, 3849232.25	5.28644	-6.69E-04	-3.13E-04	-6.17E-04	-2.32E-07	-6.99E-07	-4.05E-07	-1.89E-07	-1.71E-07	-7.82E-08	-1.55E-07	-7.73E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.07E-08	-7.18E-09	-1.02E-08	-3.19E-07
3589	475769.83, 3849257.25	4.00609	-5.07E-04	-2.37E-04	-4.68E-04	-1.75E-07	-5.30E-07	-3.07E-07	-1.43E-07	-1.30E-07	-5.93E-08	-1.17E-07	-5.86E-09	-1.42E-07	-3.12E-08	-1.95E-08	-3.09E-08	-5.44E-09	-7.72E-09	-2.42E-07
3590	475769.83, 3849282.25	3.20128	-4.05E-04	-1.89E-04	-3.74E-04	-1.40E-07	-4.23E-07	-2.45E-07	-1.15E-07	-1.04E-07	-4.74E-08	-9.36E-08	-4.68E-09	-1.13E-07	-2.50E-08	-1.56E-08	-2.47E-08	-4.35E-09	-6.17E-09	-1.93E-07
3591	475769.83, 3849307.25	2.62294	-3.32E-04	-1.55E-04	-3.06E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.38E-08	-8.51E-08	-3.88E-08	-7.67E-08	-3.84E-09	-9.27E-08	-2.04E-08	-1.27E-08	-2.02E-08	-3.56E-09	-5.06E-09	-1.59E-07
3592	475769.83, 3849332.25	2.21267	-2.80E-04	-1.31E-04	-2.58E-04	-9.69E-08	-2.93E-07	-1.69E-07	-7.92E-08	-7.18E-08	-3.27E-08	-6.47E-08	-3.24E-09	-7.82E-08	-1.72E-08	-1.07E-08	-1.71E-08	-3.01E-09	-4.27E-09	-1.34E-07
3593	475769.83, 3849357.25	1.90502	-2.41E-04	-1.13E-04	-2.22E-04	-8.34E-08	-2.52E-07	-1.46E-07	-6.82E-08	-6.18E-08	-2.82E-08	-5.57E-08	-2.79E-09	-6.73E-08	-1.48E-08	-9.25E-09	-1.47E-08	-2.59E-09	-3.67E-09	-1.15E-07
3594	475769.83, 3849382.25	1.67155	-2.11E-04	-9.88E-05	-1.95E-04	-7.32E-08	-2.21E-07	-1.28E-07	-5.98E-08	-5.42E-08	-2.47E-08	-4.89E-08	-2.44E-09	-5.90E-08	-1.30E-08	-8.12E-09	-1.29E-08	-2.27E-09	-3.22E-09	-1.01E-07
3595	475769.83, 3849407.25	1.49094	-1.89E-04	-8.82E-05	-1.74E-04	-6.53E-08	-1.97E-07	-1.14E-07	-5.33E-08	-4.84E-08	-2.21E-08	-4.36E-08	-2.18E-09	-5.27E-08	-1.16E-08	-7.24E-09	-1.15E-08	-2.02E-09	-2.87E-09	-9.01E-08
3596	475769.83, 3849432.25	1.34374	-1.70E-04	-7.95E-05	-1.57E-04	-5.88E-08	-1.78E-07	-1.03E-07	-4.81E-08	-4.36E-08	-1.99E-08	-3.93E-08	-1.97E-09	-4.75E-08	-1.05E-08	-6.53E-09	-1.04E-08	-1.83E-09	-2.59E-09	-8.12E-08
3597	475769.83, 3849457.25	1.22272	-1.55E-04	-7.23E-05	-1.43E-04	-5.35E-08	-1.62E-07	-9.36E-08	-4.37E-08	-3.97E-08	-1.81E-08	-3.57E-08	-1.79E-09	-4.32E-08	-9.53E-09	-5.94E-09	-9.42E-09	-1.66E-09	-2.36E-09	-7.39E-08
3598	475769.83, 3849482.25	1.11948	-1.42E-04	-6.62E-05	-1.31E-04	-4.90E-08	-1.48E-07	-8.57E-08	-4.01E-08	-3.63E-08	-1.66E-08	-3.27E-08	-1.64E-09	-3.95E-08	-8.73E-09	-5.44E-09	-8.63E-09	-1.52E-09	-2.16E-09	-6.77E-08
3599	475794.83, 3849207.25	8.37947	-1.06E-03	-4.96E-04	-9.79E-04	-3.67E-07	-1.11E-06	-6.41E-07	-3.00E-07	-2.72E-07	-1.24E-07	-2.45E-07	-1.23E-08	-2.96E-07	-6.53E-08	-4.07E-08	-6.46E-08	-1.14E-08	-1.62E-08	-5.06E-07
3600	475794.83, 3849232.25	5.62409	-7.12E-04	-3.33E-04	-6.57E-04	-2.46E-07	-7.44E-07	-4.31E-07	-2.01E-07	-1.82E-07	-8.32E-08	-1.64E-07	-8.22E-09	-1.99E-07	-4.38E-08	-2.73E-08	-4.33E-08	-7.64E-09	-1.08E-08	-3.40E-07
3601	475794.83, 3849257.25	4.21369	-5.33E-04	-2.49E-04	-4.92E-04	-1.85E-07	-5.57E-07	-3.23E-07	-1.51E-07	-1.37E-07	-6.24E-08	-1.23E-07	-6.16E-09	-1.49E-07	-3.28E-08	-2.05E-08	-3.25E-08	-5.72E-09	-8.12E-09	-2.55E-07
3602	475794.83, 3849282.25	3.33375	-4.22E-04	-1.97E-04	-3.89E-04	-1.46E-07	-4.41E-07	-2.55E-07	-1.19E-07	-1.08E-07	-4.93E-08	-9.74E-08	-4.88E-09	-1.18E-07	-2.60E-08	-1.62E-08	-2.57E-08	-4.53E-09	-6.43E-09	-2.01E-07
3603	475794.83, 3849307.25	2.73336	-3.46E-04	-1.62E-04	-3.19E-04	-1.20E-07	-3.61E-07	-2.09E-07	-9.78E-08	-8.87E-08	-4.05E-08	-7.99E-08	-4.00E-09	-9.66E-08	-2.13E-08	-1.33E-08	-2.11E-08	-3.71E-09	-5.27E-09	-1.65E-07
3604	475794.83, 3849332.25	2.29698	-2.91E-04	-1.36E-04	-2.68E-04	-1.01E-07	-3.04E-07	-1.76E-07	-8.22E-08	-7.45E-08	-3.40E-08	-6.71E-08	-3.36E-09	-8.11E-08	-1.79E-08	-1.12E-08	-1.77E-08	-3.12E-09	-4.43E-09	-1.39E-07
3605	475794.83, 3849357.25	1.97323	-2.50E-04	-1.17E-04	-2.30E-04	-8.64E-08	-2.61E-07	-1.51E-07	-7.06E-08	-6.40E-08	-2.92E-08	-5.77E-08	-2.89E-09	-6.97E-08	-1.54E-08	-9.59E-09	-1.52E-08	-2.68E-09	-3.80E-09	-1.19E-07
3606	475794.83, 3849382.25	1.72635	-2.18E-04	-1.02E-04	-2.02E-04	-7.56E-08	-2.28E-07	-1.32E-07	-6.18E-08	-5.60E-08	-2.55E-08	-5.05E-08	-2.52E-09	-6.10E-08	-1.35E-08	-8.39E-09	-1.33E-08	-2.34E-09	-3.33E-09	-1.04E-07
3607	475794.83, 3849407.25	1.53309	-1.94E-04	-9.07E-05	-1.79E-04	-6.71E-08	-2.03E-07	-1.17E-07	-5.49E-08	-4.97E-08	-2.27E-08	-4.48E-08	-2.24E-09	-5.42E-08	-1.20E-08	-7.45E-09	-1.18E-08	-2.08E-09	-2.96E-09	-9.26E-08
3608	475794.83, 3849432.25	1.37717	-1.74E-04	-8.14E-05	-1.61E-04	-6.03E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.01E-09	-4.86E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.32E-08
3609	475794.83, 3849457.25	1.25054	-1.58E-04	-7.39E-05	-1.46E-04	-5.48E-08	-1.65E-07	-9.57E-08	-4.47E-08	-4.06E-08	-1.85E-08	-3.66E-08	-1.83E-09	-4.42E-08	-9.75E-09	-6.08E-09	-9.64E-09	-1.70E-09	-2.41E-09	-7.56E-08
3610	475794.83, 3849482.25	1.14267	-1.45E-04	-6.76E-05	-1.33E-04	-5.00E-08	-1.51E-07	-8.75E-08	-4.09E-08	-3.71E-08	-1.69E-08	-3.34E-08	-1.67E-09	-4.04E-08	-8.91E-09	-5.55E-09	-8.81E-09	-1.55E-09	-2.20E-09	-6.91E-08
3611	475819.83, 3849207.25	9.1638	-1.16E-03	-5.42E-04	-1.07E-03	-4.01E-07	-1.21E-06	-7.01E-07	-3.28E-07	-2.97E-07	-1.36E-07	-2.68E-07	-1.34E-08	-3.24E-07	-7.14E-08	-4.45E-08	-7.06E-08	-1.24E-08	-1.77E-08	-5.54E-07
3612	475819.83, 3849232.25	6.00578	-7.60E-04	-3.55E-04	-7.01E-04	-2.63E-07	-7.94E-07	-4.60E-07	-2.15E-07	-1.95E-07	-8.89E-08	-1.76E-07	-8.78E-09	-2.12E-07	-4.68E-08	-2.92E-08	-4.63E-08	-8.16E-09	-1.16E-08	-3.63E-07
3613	475819.83, 3849257.25	4.46188	-5.64E-04	-2.64E-04	-5.21E-04	-1.95E-07	-5.90E-07	-3.42E-07	-1.60E-07	-1.45E-07	-6.60E-08	-1.30E-07	-6.53E-09	-1.58E-07	-3.48E-08	-2.17E-08	-3.44E-08	-6.06E-09	-8.60E-09	-2.70E-07
3614	475819.83, 3849282.25	3.51154	-4.44E-04	-2.08E-04	-4.10E-04	-1.54E-07	-4.64E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.20E-08	-1.03E-07	-5.14E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.77E-09	-6.77E-09	-2.12E-07
3615	475819.83, 3849307.25	2.85923	-3.62E-04	-1.69E-04	-3.34E-04	-1.25E-07	-3.78E-07	-2.19E-07	-1.02E-07	-9.27E-08	-4.23E-08	-8.36E-08	-4.18E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.20E-08	-3.88E-09	-5.51E-09	-1.73E-07
3616	475819.83, 3849332.25	2.39824	-3.03E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.84E-07	-8.58E-08	-7.78E-08	-3.55E-08	-7.01E-08	-3.51E-09	-8.47E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.62E-09	-1.45E-07
3617	475819.83, 3849357.25	2.05154	-2.60E-04	-1.21E-04	-2.40E-04	-8.98E-08	-2.71E-07	-1.57E-07	-7.34E-08	-6.65E-08	-3.04E-08	-6.00E-08	-3.00E-09	-7.25E-08	-1.60E-08	-9.97E-09	-1.58E-08	-2.79E-09	-3.96E-09	-1.24E-07
3618	475819.83, 3849382.25	1.78672	-2.26E-04	-1.06E-04	-2.09E-04	-7.82E-08	-2.36E-07	-1.37E-07	-6.39E-08	-5.80E-08	-2.64E-08	-5.22E-08	-2.61E-09	-6.31E-08	-1.39E-08	-8.68E-09	-1.38E-08	-2.43E-09	-3.44E-09	-1.08E-07
3619	475819.83, 3849407.25	1.58125	-2.00E-04	-9.35E-05	-1.85E-04	-6.93E-08	-2.09E-07	-1.21E-07	-5.66E-08	-5.13E-08	-2.34E-08	-4.62E-08	-2.31E-09	-5.59E-08	-1.23E-08	-7.68E-09	-1.22E-08	-2.15E-09	-3.05E-09	-9.56E-08
3620	475819.83, 3849432.25	1.41732	-1.79E-04	-8.38E-05	-1.66E-04	-6.21E-08	-1.87E-07	-1.08E-07	-5.07E-08	-4.60E-08	-2.10E-08	-4.14E-08	-2.07E-09	-5.01E-08	-1.10E-08	-6.89E-09	-1.09E-08	-1.92E-09	-2.73E-09	-8.57E-08
3621	475819.83, 3849457.25	1.28372	-1.62E-04	-7.59E-05	-1.50E-04	-5.62E-08	-1.70E-07	-9.83E-08	-4.59E-08	-4.16E-08	-1.90E-08	-3.75E-08	-1.88E-09	-4.53E-08	-1.00E-08	-6.24E-09	-9.89E-09	-1.74E-09	-2.47E-09	-7.76E-08
3622	475819.83, 3849482.25	1.17332	-1.48E-04	-6.94E-05	-1.37E-04	-5.14E-08	-1.55E-07	-8.98E-08	-4.20E-08	-3.81E-08	-1.74E-08	-3.43E-08	-1.72E-09	-4.14E-08	-9.15E-09	-5.70E-09	-9.04E-09	-1.59E-09	-2.26E-09	-7.09E-08
3623	475844.83, 3849207.25	10.17374	-1.29E-03	-6.02E-04	-1.19E-03	-4.46E-07	-1.35E-06	-7.79E-07	-3.64E-07	-3.30E-07	-1.51E-07	-2.97E-07	-1.49E-08	-3.59E-07	-7.93E-08	-4.94E-08	-7.84E-08	-1.38E-08	-1.96E-08	-6.15E-07
3624	475844.83, 3849232.25	6.42053	-8.12E-04	-3.80E-04	-7.50E-04	-2.81E-07	-8.49E-07	-4.91E-07	-2.30E-07	-2.08E-07	-9.50E-08	-1.88E-07	-9.39E-09	-2.27E-07	-5.00E-08	-3.12E-08	-4.95E-08	-8.72E-09	-1.24E-08	-3.88E-07
3625	475844.83, 3849257.25	4.72338	-5.98E-04	-2.79E-04	-5.52E-04	-2.07E-07	-6.25E-07	-3.62E-07	-1.69E-07	-1.53E-07	-6.99E-08	-1.38E-07	-6.91E-09	-1.67E-07	-3.68E-08	-2.29E-08	-3.64E-08	-6.42E-09	-9.11E-09	-2.85E-07
3626	475844.83, 3849282.25	3.69174	-4.67E-04	-2.18E-04	-4.31E-04	-1.62E-07	-4.88E-07	-2.83E-07	-1.32E-07	-1.20E-07	-5.46E-08	-1.08E-07	-5.40E-09	-1.30E-07	-2.88E-08	-1.79E-08	-2.85E-08	-5.01E-09	-7.12E-09	-2.23E-07
3627	475844.83, 3849307.25	2.99819	-3.79E-04	-1.77E-04	-3.50E-04	-1.31E-07	-3.96E-07	-2.30E-07	-1.07E-07	-9.72E-08	-4.44E-08	-8.76E-08	-4.38E-09	-1.06E-07	-2.34E-08	-1.46E-08	-2.31E-08	-4.07E-09	-5.78E-09	-1.81E-07
3628	475844.83, 3849332.25	2.49982	-3.16E-04	-1.48E-04	-2.92E-04	-1.09E-07	-3.31E-07	-1.91E-07	-8.94E-08	-8.11E-08	-3.70E-08	-7.31E-08	-3.66E-09	-8.83E-08	-1.95E-08	-1.21E-08	-1.93E-08	-3.40E-09	-4.82E-09	-1.51E-07
3629	475844.83, 3849357.25	2.12646	-2.69E-04	-1.26E-04	-2.48E-04	-9.31E-08	-2.81E-07	-1.63E-07	-7.61E-08	-6.90E-08	-3.15E-08	-6.22E-08	-3.11E-09	-7.51E-08	-1.66E-08	-1.03E-08	-1.64E-08	-2.89E-09	-4.10E-09	-1.29E-07
3630	475844.83, 3849382.25	1.84381	-2.33E-04	-1.09E-04	-2.15E-04	-8.07E-08	-2.44E-07	-1.41E-07	-6.60E-08	-5.98E-08	-2.73E-08	-5.39E-08	-2.70E-09	-6.51E-08	-1.44E-08	-8.96E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
3631	475844.83, 3849407.25	1.62604	-2.06E-04	-9.62E-05	-1.90E-04	-7.12E-08	-2.15E-07	-1.24E-07	-5.82E-08	-5.27E-08	-2.41E-08	-4.75E-08	-2.38E-09	-5.74E-08	-1.27E-08	-7.90E-09	-1.25E-08	-2.21E-09	-3.13E-09	-9.83E-08
3632	475844.83, 3849432.25	1.45267	-1.84E-04	-8.59E-05	-1.70E-04	-6.36E-08	-1.92E-07	-1.11E-07	-5.20E-08	-4.71E-08	-2.15E-08	-4.25E-08	-2.12E-09	-5.13E-08	-1.13E-08	-7.06E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.78E-08
3633	475844.83, 3849457.25	1.31278	-1.66E-04	-7.76E-05	-1.53E-04	-5.75E-08	-1.74E-07	-1.00E-07	-4.70E-08	-4.26E-08	-1.94E-08	-3.84E-08	-1.92E-09	-4.64E-08	-1.02E-08	-6.38E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.93E-08
3634	475844.83, 3849482.25	1.19463	-1.51E-04	-7.06E-05	-1.40E-04	-5.23E-08	-1.58E-07	-9.14E-08	-4.27E-08	-3.87E-08	-1.77E-08	-3.49E-08	-1.75E-09	-4.22E-08	-9.31E-09	-5.80E-09	-9.21E-09	-1.62E-09	-2.30E-09	-7.22E-08
3635	475869.83, 3849232.25	6.83338	-8.65E-04	-4.04E-04	-7.98E-04	-2.99E-07	-9.04E-07	-5.23E-07	-2.44E-07	-2.22E-07	-1.01E-07	-2.00E-07	-9.99E-09	-2.41E-07	-5.33E-08	-3.32E-08	-5.27E-08	-9.28E-09	-1.32E-08	-4.13E-07
3636	475869.83, 3849257.25	4.95754	-6.27E-04	-2.93E-04	-5.79E-04	-2.17E-07	-6.56E-07	-3.79E-07	-1.77E-07	-1.61E-07	-7.34E-08	-1.45E-07	-7.25E-09	-1.75E-07	-3.86E-08	-2.41E-08	-3.82E-08	-6.73E-09	-9.56E-09	-3.00E-07
3637	475869.83, 3849282.25	3.85685	-4.88E-04	-2.28E-04	-4.50E-04	-1.69E-07	-5.10E-07	-2.95E-07	-1.38E-07	-1.25E-07	-5.71E-08	-1.13E-07	-5.64E-09	-1.36E-07	-3.01E-08	-1.87E-08	-2.97E-08	-5.24E-09	-7.44E-09	-2.33E-07
3638	475869.83, 3849307.25	3.12602	-3.95E-04	-1.85E-04	-3.65E-04	-1.37E-07	-4.13E-07	-2.39E-07	-1.12E-07	-1.01E-07	-4.63E-08	-9.14E-08	-4.57E-09	-1.10E-07	-2.44E-08	-1.52E-08	-2.41E-08	-4.25E-09	-6.03E-09	-1.89E-07
3639	475869.83, 3849332.25	2.59727	-3.29E-04	-1.54E-04	-3.03E-04	-1.14E-07	-3.43E-07	-1.99E-07	-9.29E-08	-8.42E-08	-3.84E-08	-7.59E-08	-3.80E-09	-9.17E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.53E-09	-5.01E-09	-1.57E-07
3640	475869.83, 3849357.25	2.20386	-2.79E-04	-1.30E-04	-2.57E-04	-9.65E-08	-2.91E-07	-1.69E-07	-7.89E-08	-7.15E-08	-3.26E-08	-6.44E-08	-3.22E-09	-7.79E-08	-1.72E-08	-1.07E-08	-1.70E-08	-2.99E-09	-4.25E-09	-1.33E-07
3641	475869.83, 3849382.25	1.90163	-2.41E-04	-1.12E-04	-2.22E-04	-8.33E-08	-2.51E-07	-1.46E-07	-6.80E-08	-6.17E-08	-2.81E-08	-5.56E-08	-2.78E-09	-6.72E-08	-1.48E-08	-9.24E-09	-1.47E-08	-2.58E-09	-3.67E-09	-1.15E-07
3642	475869.83, 3849407.25	1.66704	-2.11E-04	-9.86E-05	-1.95E-04	-7.30E-08	-2.20E-07	-1.28E-07	-5.96E-08	-5.41E-08	-2.47E-08	-4.87E-08	-2.44E-09	-5.89E-08	-1.30E-08	-8.10E-09	-1.28E-08	-2.26E-09	-3.21E-09	-1.01E-07
3643	475869.83, 3849432.25	1.489	-1.88E-04	-8.81E-05	-1.74E-04	-6.52E-08	-1.97E-07	-1.14E-07	-5.33E-08	-4.83E-08	-2.20E-08	-4.35E-08	-2.18E-09	-5.26E-08	-1.16E-08	-7.23E-09	-1.15E-08	-2.02E-09	-2.87E-09	-9.00E-08

3644	475869.83, 3849457.25	1.33806	-1.69E-04	-7.91E-05	-1.56E-04	-5.86E-08	-1.77E-07	-1.02E-07	-4.79E-08	-4.34E-08	-1.98E-08	-3.91E-08	-1.96E-09	-4.73E-08	-1.04E-08	-6.50E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.09E-08
3645	475869.83, 3849482.25	1.21479	-1.54E-04	-7.18E-05	-1.42E-04	-5.32E-08	-1.61E-07	-9.30E-08	-4.35E-08	-3.94E-08	-1.80E-08	-3.55E-08	-1.78E-09	-4.29E-08	-9.47E-09	-5.90E-09	-9.36E-09	-1.65E-09	-2.34E-09	-7.34E-08
3646	475894.83, 3849232.25	7.32334	-9.27E-04	-4.33E-04	-8.55E-04	-3.21E-07	-9.68E-07	-5.61E-07	-2.62E-07	-2.38E-07	-1.08E-07	-2.14E-07	-1.07E-08	-2.59E-07	-5.71E-08	-3.56E-08	-5.64E-08	-9.95E-09	-1.41E-08	-4.43E-07
3647	475894.83, 3849257.25	5.23864	-6.63E-04	-3.10E-04	-6.12E-04	-2.29E-07	-6.93E-07	-4.01E-07	-1.87E-07	-1.70E-07	-7.75E-08	-1.53E-07	-7.66E-09	-1.85E-07	-4.08E-08	-2.54E-08	-4.04E-08	-7.12E-09	-1.01E-08	-3.17E-07
3648	475894.83, 3849282.25	4.04906	-5.12E-04	-2.39E-04	-4.73E-04	-1.77E-07	-5.35E-07	-3.10E-07	-1.45E-07	-1.31E-07	-5.99E-08	-1.18E-07	-5.92E-09	-1.43E-07	-3.16E-08	-1.97E-08	-3.12E-08	-5.50E-09	-7.81E-09	-2.45E-07
3649	475894.83, 3849307.25	3.27019	-4.14E-04	-1.93E-04	-3.82E-04	-1.43E-07	-4.32E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.84E-08	-9.56E-08	-4.78E-09	-1.16E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.44E-09	-6.30E-09	-1.98E-07
3650	475894.83, 3849332.25	2.69731	-3.41E-04	-1.60E-04	-3.15E-04	-1.18E-07	-3.57E-07	-2.06E-07	-9.65E-08	-8.75E-08	-3.99E-08	-7.88E-08	-3.94E-09	-9.53E-08	-2.10E-08	-1.31E-08	-2.08E-08	-3.66E-09	-5.20E-09	-1.63E-07
3651	475894.83, 3849357.25	2.27529	-2.88E-04	-1.35E-04	-2.66E-04	-9.96E-08	-3.01E-07	-1.74E-07	-8.14E-08	-7.38E-08	-3.37E-08	-6.65E-08	-3.33E-09	-8.04E-08	-1.77E-08	-1.11E-08	-1.75E-08	-3.09E-09	-4.39E-09	-1.38E-07
3652	475894.83, 3849382.25	1.95877	-2.48E-04	-1.16E-04	-2.29E-04	-8.58E-08	-2.59E-07	-1.50E-07	-7.01E-08	-6.35E-08	-2.90E-08	-5.73E-08	-2.86E-09	-6.92E-08	-1.53E-08	-9.52E-09	-1.51E-08	-2.66E-09	-3.78E-09	-1.18E-07
3653	475894.83, 3849407.25	1.71675	-2.17E-04	-1.02E-04	-2.00E-04	-7.52E-08	-2.27E-07	-1.31E-07	-6.14E-08	-5.57E-08	-2.54E-08	-5.02E-08	-2.51E-09	-6.06E-08	-1.34E-08	-8.34E-09	-1.32E-08	-2.33E-09	-3.31E-09	-1.04E-07
3654	475894.83, 3849432.25	1.52886	-1.93E-04	-9.04E-05	-1.79E-04	-6.70E-08	-2.02E-07	-1.17E-07	-5.47E-08	-4.96E-08	-2.26E-08	-4.47E-08	-2.24E-09	-5.40E-08	-1.19E-08	-7.43E-09	-1.18E-08	-2.08E-09	-2.95E-09	-9.24E-08
3655	475894.83, 3849457.25	1.37356	-1.74E-04	-8.12E-05	-1.60E-04	-6.02E-08	-1.82E-07	-1.05E-07	-4.91E-08	-4.46E-08	-2.03E-08	-4.01E-08	-2.01E-09	-4.85E-08	-1.07E-08	-6.67E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.30E-08
3656	475894.83, 3849482.25	1.24913	-1.58E-04	-7.39E-05	-1.46E-04	-5.47E-08	-1.65E-07	-9.56E-08	-4.47E-08	-4.05E-08	-1.85E-08	-3.65E-08	-1.83E-09	-4.41E-08	-9.74E-09	-6.07E-09	-9.63E-09	-1.70E-09	-2.41E-09	-7.55E-08
3657	475919.83, 3849232.25	7.86351	-9.95E-04	-4.65E-04	-9.18E-04	-3.44E-07	-1.04E-06	-6.02E-07	-2.81E-07	-2.55E-07	-1.16E-07	-2.30E-07	-1.15E-08	-2.78E-07	-6.13E-08	-3.82E-08	-6.06E-08	-1.07E-08	-1.52E-08	-4.75E-07
3658	475919.83, 3849257.25	5.55301	-7.03E-04	-3.28E-04	-6.48E-04	-2.43E-07	-7.34E-07	-4.25E-07	-1.99E-07	-1.80E-07	-8.22E-08	-1.62E-07	-8.12E-09	-1.96E-07	-4.33E-08	-2.70E-08	-4.28E-08	-7.54E-09	-1.07E-08	-3.36E-07
3659	475919.83, 3849282.25	4.24556	-5.37E-04	-2.51E-04	-4.96E-04	-1.86E-07	-5.61E-07	-3.25E-07	-1.52E-07	-1.38E-07	-6.28E-08	-1.24E-07	-6.21E-09	-1.50E-07	-3.31E-08	-2.06E-08	-3.27E-08	-5.77E-09	-8.18E-09	-2.57E-07
3660	475919.83, 3849307.25	3.412	-4.32E-04	-2.02E-04	-3.98E-04	-1.49E-07	-4.51E-07	-2.61E-07	-1.22E-07	-1.11E-07	-5.05E-08	-9.97E-08	-4.99E-09	-1.21E-07	-2.66E-08	-1.66E-08	-2.63E-08	-4.63E-09	-6.58E-09	-2.06E-07
3661	475919.83, 3849332.25	2.80542	-3.55E-04	-1.66E-04	-3.28E-04	-1.23E-07	-3.71E-07	-2.15E-07	-1.00E-07	-9.10E-08	-4.15E-08	-8.20E-08	-4.10E-09	-9.91E-08	-2.19E-08	-1.36E-08	-2.16E-08	-3.81E-09	-5.41E-09	-1.70E-07
3662	475919.83, 3849357.25	2.35712	-2.98E-04	-1.39E-04	-2.75E-04	-1.03E-07	-3.12E-07	-1.80E-07	-8.43E-08	-7.65E-08	-3.49E-08	-6.89E-08	-3.45E-09	-8.33E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.20E-09	-4.54E-09	-1.42E-07
3663	475919.83, 3849382.25	2.02021	-2.56E-04	-1.19E-04	-2.36E-04	-8.85E-08	-2.67E-07	-1.55E-07	-7.23E-08	-6.55E-08	-2.99E-08	-5.90E-08	-2.95E-09	-7.14E-08	-1.57E-08	-9.81E-09	-1.56E-08	-2.74E-09	-3.89E-09	-1.22E-07
3664	475919.83, 3849407.25	1.76258	-2.23E-04	-1.04E-04	-2.06E-04	-7.72E-08	-2.33E-07	-1.35E-07	-6.31E-08	-5.72E-08	-2.61E-08	-5.15E-08	-2.58E-09	-6.23E-08	-1.37E-08	-8.56E-09	-1.36E-08	-2.39E-09	-3.40E-09	-1.07E-07
3665	475919.83, 3849432.25	1.56238	-1.98E-04	-9.24E-05	-1.82E-04	-6.84E-08	-2.07E-07	-1.20E-07	-5.59E-08	-5.07E-08	-2.31E-08	-4.57E-08	-2.28E-09	-5.52E-08	-1.22E-08	-7.59E-09	-1.20E-08	-2.12E-09	-3.01E-09	-9.44E-08
3666	475919.83, 3849457.25	1.40151	-1.77E-04	-8.29E-05	-1.64E-04	-6.14E-08	-1.85E-07	-1.07E-07	-5.01E-08	-4.55E-08	-2.07E-08	-4.10E-08	-2.05E-09	-4.95E-08	-1.09E-08	-6.81E-09	-1.08E-08	-1.90E-09	-2.70E-09	-8.47E-08
3667	475919.83, 3849482.25	1.26948	-1.61E-04	-7.51E-05	-1.48E-04	-5.56E-08	-1.68E-07	-9.72E-08	-4.54E-08	-4.12E-08	-1.88E-08	-3.71E-08	-1.86E-09	-4.48E-08	-9.90E-09	-6.17E-09	-9.78E-09	-1.72E-09	-2.45E-09	-7.67E-08
3668	475944.83, 3849232.25	8.54875	-1.08E-03	-5.06E-04	-9.98E-04	-3.74E-07	-1.13E-06	-6.54E-07	-3.06E-07	-2.77E-07	-1.27E-07	-2.50E-07	-1.25E-08	-3.02E-07	-6.66E-08	-4.15E-08	-6.59E-08	-1.16E-08	-1.65E-08	-5.17E-07
3669	475944.83, 3849257.25	5.90951	-7.48E-04	-3.49E-04	-6.90E-04	-2.59E-07	-7.81E-07	-4.52E-07	-2.11E-07	-1.92E-07	-8.75E-08	-1.73E-07	-8.64E-09	-2.09E-07	-4.61E-08	-2.87E-08	-4.55E-08	-8.03E-09	-1.14E-08	-3.57E-07
3670	475944.83, 3849282.25	4.44955	-5.63E-04	-2.63E-04	-5.20E-04	-1.95E-07	-5.88E-07	-3.41E-07	-1.59E-07	-1.44E-07	-6.59E-08	-1.30E-07	-6.51E-09	-1.57E-07	-3.47E-08	-2.16E-08	-3.43E-08	-6.04E-09	-8.58E-09	-2.69E-07
3671	475944.83, 3849307.25	3.5427	-4.48E-04	-2.09E-04	-4.14E-04	-1.55E-07	-4.68E-07	-2.71E-07	-1.27E-07	-1.15E-07	-5.24E-08	-1.04E-07	-5.18E-09	-1.25E-07	-2.76E-08	-1.72E-08	-2.73E-08	-4.81E-09	-6.83E-09	-2.14E-07
3672	475944.83, 3849332.25	2.90469	-3.67E-04	-1.72E-04	-3.39E-04	-1.27E-07	-3.84E-07	-2.22E-07	-1.04E-07	-9.42E-08	-4.30E-08	-8.49E-08	-4.25E-09	-1.03E-07	-2.26E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.60E-09	-1.76E-07
3673	475944.83, 3849357.25	2.43342	-3.08E-04	-1.44E-04	-2.84E-04	-1.07E-07	-3.22E-07	-1.86E-07	-8.71E-08	-7.89E-08	-3.60E-08	-7.11E-08	-3.56E-09	-8.60E-08	-1.90E-08	-1.18E-08	-1.88E-08	-3.31E-09	-4.69E-09	-1.47E-07
3674	475944.83, 3849382.25	2.08022	-2.63E-04	-1.23E-04	-2.43E-04	-9.11E-08	-2.75E-07	-1.59E-07	-7.44E-08	-6.75E-08	-3.08E-08	-6.08E-08	-3.04E-09	-7.35E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.83E-09	-4.01E-09	-1.26E-07
3675	475944.83, 3849407.25	1.81119	-2.29E-04	-1.07E-04	-2.12E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07
3676	475944.83, 3849432.25	1.60261	-2.03E-04	-9.48E-05	-1.87E-04	-7.02E-08	-2.12E-07	-1.23E-07	-5.73E-08	-5.20E-08	-2.37E-08	-4.68E-08	-2.34E-09	-5.66E-08	-1.25E-08	-7.79E-09	-1.24E-08	-2.18E-09	-3.09E-09	-9.69E-08
3677	475944.83, 3849457.25	1.44072	-1.82E-04	-8.52E-05	-1.68E-04	-6.31E-08	-1.91E-07	-1.10E-07	-5.15E-08	-4.67E-08	-2.13E-08	-4.21E-08	-2.11E-09	-5.09E-08	-1.12E-08	-7.00E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.71E-08
3678	475944.83, 3849482.25	1.29647	-1.64E-04	-7.67E-05	-1.51E-04	-5.68E-08	-1.71E-07	-9.92E-08	-4.64E-08	-4.21E-08	-1.92E-08	-3.79E-08	-1.90E-09	-4.58E-08	-1.01E-08	-6.30E-09	-9.99E-09	-1.76E-09	-2.50E-09	-7.83E-08
3679	475969.83, 3849232.25	9.3067	-1.18E-03	-5.50E-04	-1.09E-03	-4.08E-07	-1.23E-06	-7.12E-07	-3.33E-07	-3.02E-07	-1.38E-07	-2.72E-07	-1.36E-08	-3.29E-07	-7.25E-08	-4.52E-08	-7.17E-08	-1.26E-08	-1.79E-08	-5.62E-07
3680	475969.83, 3849257.25	6.24698	-7.90E-04	-3.69E-04	-7.30E-04	-2.74E-07	-8.26E-07	-4.78E-07	-2.24E-07	-2.03E-07	-9.25E-08	-1.83E-07	-9.14E-09	-2.21E-07	-4.87E-08	-3.03E-08	-4.81E-08	-8.48E-09	-1.20E-08	-3.78E-07
3681	475969.83, 3849282.25	4.65254	-5.89E-04	-2.75E-04	-5.43E-04	-2.04E-07	-6.15E-07	-3.56E-07	-1.66E-07	-1.51E-07	-6.89E-08	-1.36E-07	-6.80E-09	-1.64E-07	-3.63E-08	-2.26E-08	-3.59E-08	-6.32E-09	-8.97E-09	-2.81E-07
3682	475969.83, 3849307.25	3.67793	-4.65E-04	-2.17E-04	-4.30E-04	-1.61E-07	-4.86E-07	-2.82E-07	-1.32E-07	-1.19E-07	-5.44E-08	-1.07E-07	-5.38E-09	-1.30E-07	-2.87E-08	-1.79E-08	-2.83E-08	-5.00E-09	-7.09E-09	-2.22E-07
3683	475969.83, 3849332.25	3.00489	-3.80E-04	-1.78E-04	-3.51E-04	-1.32E-07	-3.97E-07	-2.30E-07	-1.08E-07	-9.75E-08	-4.45E-08	-8.78E-08	-4.39E-09	-1.06E-07	-2.34E-08	-1.46E-08	-2.32E-08	-4.08E-09	-5.79E-09	-1.82E-07
3684	475969.83, 3849357.25	2.51202	-3.18E-04	-1.49E-04	-2.93E-04	-1.10E-07	-3.32E-07	-1.92E-07	-8.99E-08	-8.15E-08	-3.72E-08	-7.34E-08	-3.67E-09	-8.87E-08	-1.96E-08	-1.22E-08	-1.94E-08	-3.41E-09	-4.84E-09	-1.52E-07
3685	475969.83, 3849382.25	2.14421	-2.71E-04	-1.27E-04	-2.50E-04	-9.39E-08	-2.84E-07	-1.64E-07	-7.67E-08	-6.95E-08	-3.17E-08	-6.27E-08	-3.14E-09	-7.57E-08	-1.67E-08	-1.04E-08	-1.65E-08	-2.91E-09	-4.13E-09	-1.30E-07
3686	475969.83, 3849407.25	1.86651	-2.36E-04	-1.10E-04	-2.18E-04	-8.17E-08	-2.47E-07	-1.43E-07	-6.68E-08	-6.05E-08	-2.76E-08	-5.46E-08	-2.73E-09	-6.59E-08	-1.45E-08	-9.07E-09	-1.44E-08	-2.54E-09	-3.60E-09	-1.13E-07
3687	475969.83, 3849432.25	1.65709	-2.10E-04	-9.80E-05	-1.94E-04	-7.26E-08	-2.19E-07	-1.27E-07	-5.93E-08	-5.37E-08	-2.45E-08	-4.84E-08	-2.42E-09	-5.85E-08	-1.29E-08	-8.05E-09	-1.28E-08	-2.25E-09	-3.19E-09	-1.00E-07
3688	475969.83, 3849457.25	1.47221	-1.86E-04	-8.71E-05	-1.72E-04	-6.45E-08	-1.95E-07	-1.13E-07	-5.27E-08	-4.78E-08	-2.18E-08	-4.30E-08	-2.15E-09	-5.20E-08	-1.15E-08	-7.15E-09	-1.13E-08	-2.00E-09	-2.84E-09	-8.90E-08
3689	475969.83, 3849482.25	1.32203	-1.67E-04	-7.82E-05	-1.54E-04	-5.79E-08	-1.75E-07	-1.01E-07	-4.73E-08	-4.29E-08	-1.96E-08	-3.86E-08	-1.93E-09	-4.67E-08	-1.03E-08	-6.42E-09	-1.02E-08	-1.80E-09	-2.55E-09	-7.99E-08
3690	475969.83, 3849507.25	1.19933	-1.52E-04	-7.09E-05	-1.40E-04	-5.25E-08	-1.59E-07	-9.18E-08	-4.29E-08	-3.89E-08	-1.77E-08	-3.51E-08	-1.75E-09	-4.24E-08	-9.35E-09	-5.83E-09	-9.24E-09	-1.63E-09	-2.31E-09	-7.25E-08
3691	475994.83, 3849232.25	9.97095	-1.26E-03	-5.90E-04	-1.16E-03	-4.37E-07	-1.32E-06	-7.63E-07	-3.57E-07	-3.23E-07	-1.48E-07	-2.91E-07	-1.46E-08	-3.52E-07	-7.77E-08	-4.84E-08	-7.68E-08	-1.35E-08	-1.92E-08	-6.03E-07
3692	475994.83, 3849257.25	6.53757	-8.27E-04	-3.87E-04	-7.63E-04	-2.86E-07	-8.64E-07	-5.00E-07	-2.34E-07	-2.12E-07	-9.68E-08	-1.91E-07	-9.56E-09	-2.31E-07	-5.10E-08	-3.18E-08	-5.04E-08	-8.88E-09	-1.26E-08	-3.95E-07
3693	475994.83, 3849282.25	4.85133	-6.14E-04	-2.87E-04	-5.67E-04	-2.12E-07	-6.42E-07	-3.71E-07	-1.74E-07	-1.57E-07	-7.18E-08	-1.42E-07	-7.09E-09	-1.71E-07	-3.78E-08	-2.36E-08	-3.74E-08	-6.59E-09	-9.35E-09	-2.93E-07
3694	475994.83, 3849307.25	3.80439	-4.81E-04	-2.25E-04	-4.44E-04	-1.67E-07	-5.03E-07	-2.91E-07	-1.36E-07	-1.23E-07	-5.63E-08	-1.11E-07	-5.56E-09	-1.34E-07	-2.97E-08	-1.85E-08	-2.93E-08	-5.17E-09	-7.33E-09	-2.30E-07
3695	475994.83, 3849332.25	3.10703	-3.93E-04	-1.84E-04	-3.63E-04	-1.36E-07	-4.11E-07	-2.38E-07	-1.11E-07	-1.01E-07	-4.60E-08	-9.08E-08	-4.54E-09	-1.10E-07	-2.42E-08	-1.51E-08	-2.39E-08	-4.22E-09	-5.99E-09	-1.88E-07
3696	475994.83, 3849357.25	2.5942	-3.28E-04	-1.53E-04	-3.03E-04	-1.14E-07	-3.43E-07	-1.99E-07	-9.28E-08	-8.41E-08	-3.84E-08	-7.58E-08	-3.79E-09	-9.16E-08	-2.02E-08	-1.26E-08	-2.00E-08	-3.52E-09	-5.00E-09	-1.57E-07
3697	475994.83, 3849382.25	2.21212	-2.80E-04	-1.31E-04	-2.58E-04	-9.69E-08	-2.93E-07	-1.69E-07	-7.92E-08	-7.17E-08	-3.27E-08	-6.47E-08	-3.24E-09	-7.81E-08	-1.72E-08	-1.07E-08	-1.70E-08	-3.00E-09	-4.26E-09	-1.34E-07
3698	475994.83, 3849407.25	1.92164	-2.43E-04	-1.14E-04	-2.24E-04	-8.42E-08	-2.54E-07	-1.47E-07	-6.88E-08	-6.23E-08	-2.84E-08	-5.62E-08	-2.81E-09	-6.79E-08	-1.50E-08	-9.34E-09	-1.48E-08	-2.61E-09	-3.70E-09	-1.16E-07
3699	475994.83, 3849432.25	1.69166	-2.14E-04	-1.00E-04	-1.98E-04	-7.41E-08	-2.24E-07	-1.29E-07	-6.05E-08	-5.49E-08	-2.50E-08	-4.94E-08	-2.47E-09	-5.98E-08	-1.32E-08	-8.22E-09	-1.30E-08	-2.30E-09	-3.26E-09	-1.02E-07
3700	475994.83, 3849457.25	1.50325	-1.90E-04	-8.89E-05	-1.76E-04	-6.58E-08	-1.99E-07	-1.15E-07	-5.38E-08	-4.88E-08	-2.22E-08	-4.39E-08	-2.20E-09	-5.31E-08	-1.17E-08	-7.30E-09	-1.16E-08	-2.04E-09	-2.90E-09	-9.08E-08
3701	475994.83, 3849482.25	1.35042	-1.71E-04	-7.99E-05	-1.58E-04	-5.91E-08	-1.79E-07	-1.03E-07	-4.83E-08	-4.38E-08	-2.00E-08	-3.95E-08	-1.97E-09	-4.77E-08	-1.05E-08	-6.56E-09	-1.04E-08	-1.83E-09	-2.60E-09	-8.16E-08
3702	475994.83, 3849507.25	1.22388	-1.55E-04	-7.24E-05	-1.43E-04	-5.36E-08	-1.62E-07	-9.37E-08	-4.38E-08	-3.97E-08	-1.81E-08	-3.58E-08	-1.79E-09	-4.32E-08	-9.54E-09	-5.95E-09	-9.43E-09	-1.66E-09	-2.36E-09	-7.40E-08
3703	476019.83, 3849257.25	6.70671	-8.48E-04	-3.97E-04	-7.83E-04	-2.94E-07	-8.87E-07	-5.13E-07	-2.40E-07	-2.18E-07	-9.93E-08	-1.96E-07	-9.81E-09	-2.37E-07	-5.23E-08	-3.26E-08	-5.17E-08	-9.11E-09	-1.29E-08	-4.05E-07
3704	476019.83, 3849282.25	5.00032	-6.33E-04	-2.96E-04	-5.84E-04	-2.19E-07	-6.61E-07	-3.83E-07	-1.79E-07	-1.62E-07	-7.40E-08	-1.46E-07	-7.31E-09	-1.77E-07	-3.90E-08	-2.43E-08	-3.85E-08	-6.79E-09	-9.64E-09	-3.02E-07
3705	476019.83, 3849307.25	3.92038	-4.96E-04	-2.32E-04	-4.58E-04	-1.72E-07	-5.18E-07	-3.00E-07	-1.40E-07	-1.27E-07	-5.80E-08	-1.15E-07	-5.73E-09	-1.38E-07	-3.06E-08	-1.90E-08	-3.02E-08	-5.32E-09	-7.56E-09	-2.37E-07
3706	476019.83, 3849332.25	3.19892	-4.05E-04	-1.89E-04	-3.74E-04	-1.40E-07	-4.23E-07	-2.45E-07	-1.14E-07	-1.04E-07	-4.73E-08	-9.35E-08	-4.68E-09	-1.13E-07	-2.49E-08	-1.55E-08	-2.47E-08	-4.34E-09	-6.17E-09	-1.93E-07
3707	476019.83, 3849357.25	2.67381	-3.38E-04	-1.58E-04	-3.12E-04	-1.17E-07	-3.54E-07	-2.05E-07	-9.57E-08	-8.67E-08	-3.96E-08	-7.81E-08	-3.91E-09	-9.45E-08	-2.08E-08	-1.30E-08	-2.06E-08	-3.63E-09	-5.15E-09	-1.62E-07

3708	476019.83, 3849382.25	2.28089	-2.89E-04	-1.35E-04	-2.66E-04	-9.99E-08	-3.02E-07	-1.75E-07	-8.16E-08	-7.40E-08	-3.38E-08	-6.67E-08	-3.34E-09	-8.06E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.10E-09	-4.40E-09	-1.38E-07
3709	476019.83, 3849407.25	1.97836	-2.50E-04	-1.17E-04	-2.31E-04	-8.66E-08	-2.62E-07	-1.51E-07	-7.08E-08	-6.42E-08	-2.93E-08	-5.78E-08	-2.89E-09	-6.99E-08	-1.54E-08	-9.61E-09	-1.52E-08	-2.69E-09	-3.81E-09	-1.20E-07
3710	476019.83, 3849432.25	1.73609	-2.20E-04	-1.03E-04	-2.03E-04	-7.60E-08	-2.30E-07	-1.33E-07	-6.21E-08	-5.63E-08	-2.57E-08	-5.07E-08	-2.54E-09	-6.13E-08	-1.35E-08	-8.43E-09	-1.34E-08	-2.36E-09	-3.35E-09	-1.05E-07
3711	476019.83, 3849457.25	1.53824	-1.95E-04	-9.10E-05	-1.80E-04	-6.74E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.99E-08	-2.28E-08	-4.50E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.47E-09	-1.19E-08	-2.09E-09	-2.97E-09	-9.30E-08
3712	476019.83, 3849482.25	1.37915	-1.74E-04	-8.16E-05	-1.61E-04	-6.04E-08	-1.82E-07	-1.06E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.03E-08	-2.02E-09	-4.87E-08	-1.08E-08	-6.70E-09	-1.06E-08	-1.87E-09	-2.66E-09	-8.33E-08
3713	476019.83, 3849507.25	1.24781	-1.58E-04	-7.38E-05	-1.46E-04	-5.46E-08	-1.65E-07	-9.55E-08	-4.46E-08	-4.05E-08	-1.85E-08	-3.65E-08	-1.82E-09	-4.41E-08	-9.73E-09	-6.06E-09	-9.62E-09	-1.69E-09	-2.41E-09	-7.54E-08
3714	476044.83, 3849257.25	7.01758	-8.88E-04	-4.15E-04	-8.20E-04	-3.07E-07	-9.28E-07	-5.37E-07	-2.51E-07	-2.28E-07	-1.04E-07	-2.05E-07	-1.03E-08	-2.48E-07	-5.47E-08	-3.41E-08	-5.41E-08	-9.53E-09	-1.35E-08	-4.24E-07
3715	476044.83, 3849282.25	5.13284	-6.49E-04	-3.04E-04	-5.99E-04	-2.25E-07	-6.79E-07	-3.93E-07	-1.84E-07	-1.66E-07	-7.60E-08	-1.50E-07	-7.51E-09	-1.81E-07	-4.00E-08	-2.49E-08	-3.96E-08	-6.97E-09	-9.90E-09	-3.10E-07
3716	476044.83, 3849307.25	4.03229	-5.10E-04	-2.38E-04	-4.71E-04	-1.77E-07	-5.33E-07	-3.09E-07	-1.44E-07	-1.31E-07	-5.97E-08	-1.18E-07	-5.90E-09	-1.42E-07	-3.14E-08	-1.96E-08	-3.11E-08	-5.48E-09	-7.77E-09	-2.44E-07
3717	476044.83, 3849332.25	3.29398	-4.17E-04	-1.95E-04	-3.85E-04	-1.44E-07	-4.36E-07	-2.52E-07	-1.18E-07	-1.07E-07	-4.87E-08	-9.63E-08	-4.82E-09	-1.16E-07	-2.57E-08	-1.60E-08	-2.54E-08	-4.47E-09	-6.35E-09	-1.99E-07
3718	476044.83, 3849357.25	2.75659	-3.49E-04	-1.63E-04	-3.22E-04	-1.21E-07	-3.65E-07	-2.11E-07	-9.86E-08	-8.94E-08	-4.08E-08	-8.06E-08	-4.03E-09	-9.74E-08	-2.15E-08	-1.34E-08	-2.12E-08	-3.74E-09	-5.31E-09	-1.67E-07
3719	476044.83, 3849382.25	2.35061	-2.97E-04	-1.39E-04	-2.75E-04	-1.03E-07	-3.11E-07	-1.80E-07	-8.41E-08	-7.62E-08	-3.48E-08	-6.87E-08	-3.44E-09	-8.30E-08	-1.83E-08	-1.14E-08	-1.81E-08	-3.19E-09	-4.53E-09	-1.42E-07
3720	476044.83, 3849407.25	2.03504	-2.57E-04	-1.20E-04	-2.38E-04	-8.91E-08	-2.69E-07	-1.56E-07	-7.28E-08	-6.60E-08	-3.01E-08	-5.95E-08	-2.98E-09	-7.19E-08	-1.59E-08	-9.89E-09	-1.57E-08	-2.76E-09	-3.92E-09	-1.23E-07
3721	476044.83, 3849432.25	1.78188	-2.25E-04	-1.05E-04	-2.08E-04	-7.80E-08	-2.36E-07	-1.36E-07	-6.38E-08	-5.78E-08	-2.64E-08	-5.21E-08	-2.61E-09	-6.29E-08	-1.39E-08	-8.66E-09	-1.37E-08	-2.42E-09	-3.44E-09	-1.08E-07
3722	476044.83, 3849457.25	1.57386	-1.99E-04	-9.31E-05	-1.84E-04	-6.89E-08	-2.08E-07	-1.20E-07	-5.63E-08	-5.10E-08	-2.33E-08	-4.60E-08	-2.30E-09	-5.56E-08	-1.23E-08	-7.65E-09	-1.21E-08	-2.14E-09	-3.03E-09	-9.51E-08
3723	476044.83, 3849482.25	1.40823	-1.78E-04	-8.33E-05	-1.64E-04	-6.17E-08	-1.86E-07	-1.08E-07	-5.04E-08	-4.57E-08	-2.08E-08	-4.12E-08	-2.06E-09	-4.97E-08	-1.10E-08	-6.84E-09	-1.09E-08	-1.91E-09	-2.71E-09	-8.51E-08
3724	476044.83, 3849507.25	1.27172	-1.61E-04	-7.52E-05	-1.49E-04	-5.57E-08	-1.68E-07	-9.73E-08	-4.55E-08	-4.12E-08	-1.88E-08	-3.72E-08	-1.86E-09	-4.49E-08	-9.91E-09	-6.18E-09	-9.80E-09	-1.73E-09	-2.45E-09	-7.69E-08
3725	476069.83, 3849257.25	7.47897	-9.46E-04	-4.42E-04	-8.73E-04	-3.28E-07	-9.89E-07	-5.73E-07	-2.68E-07	-2.43E-07	-1.11E-07	-2.19E-07	-1.09E-08	-2.64E-07	-5.83E-08	-3.63E-08	-5.76E-08	-1.02E-08	-1.44E-08	-4.52E-07
3726	476069.83, 3849282.25	5.38701	-6.82E-04	-3.19E-04	-6.29E-04	-2.36E-07	-7.12E-07	-4.12E-07	-1.93E-07	-1.75E-07	-7.97E-08	-1.57E-07	-7.88E-09	-1.90E-07	-4.20E-08	-2.62E-08	-4.15E-08	-7.32E-09	-1.04E-08	-3.26E-07
3727	476069.83, 3849307.25	4.1654	-5.27E-04	-2.46E-04	-4.86E-04	-1.82E-07	-5.51E-07	-3.19E-07	-1.49E-07	-1.35E-07	-6.16E-08	-1.22E-07	-6.09E-09	-1.47E-07	-3.25E-08	-2.02E-08	-3.21E-08	-5.66E-09	-8.03E-09	-2.52E-07
3728	476069.83, 3849332.25	3.38635	-4.28E-04	-2.00E-04	-3.95E-04	-1.48E-07	-4.48E-07	-2.59E-07	-1.21E-07	-1.10E-07	-5.01E-08	-9.90E-08	-4.95E-09	-1.20E-07	-2.64E-08	-1.65E-08	-2.61E-08	-4.60E-09	-6.53E-09	-2.05E-07
3729	476069.83, 3849357.25	2.83436	-3.59E-04	-1.68E-04	-3.31E-04	-1.24E-07	-3.75E-07	-2.17E-07	-1.01E-07	-9.19E-08	-4.19E-08	-8.28E-08	-4.15E-09	-1.00E-07	-2.21E-08	-1.38E-08	-2.18E-08	-3.85E-09	-5.46E-09	-1.71E-07
3730	476069.83, 3849382.25	2.41559	-3.06E-04	-1.43E-04	-2.82E-04	-1.06E-07	-3.19E-07	-1.85E-07	-8.64E-08	-7.83E-08	-3.58E-08	-7.06E-08	-3.53E-09	-8.53E-08	-1.88E-08	-1.17E-08	-1.86E-08	-3.28E-09	-4.66E-09	-1.46E-07
3731	476069.83, 3849407.25	2.08643	-2.64E-04	-1.23E-04	-2.44E-04	-9.14E-08	-2.76E-07	-1.60E-07	-7.47E-08	-6.77E-08	-3.09E-08	-6.10E-08	-3.05E-09	-7.37E-08	-1.63E-08	-1.01E-08	-1.61E-08	-2.83E-09	-4.02E-09	-1.26E-07
3732	476069.83, 3849432.25	1.82493	-2.31E-04	-1.08E-04	-2.13E-04	-7.99E-08	-2.41E-07	-1.40E-07	-6.53E-08	-5.92E-08	-2.70E-08	-5.33E-08	-2.67E-09	-6.45E-08	-1.42E-08	-8.87E-09	-1.41E-08	-2.48E-09	-3.52E-09	-1.10E-07
3733	476069.83, 3849457.25	1.60993	-2.04E-04	-9.52E-05	-1.88E-04	-7.05E-08	-2.13E-07	-1.23E-07	-5.76E-08	-5.22E-08	-2.38E-08	-4.71E-08	-2.35E-09	-5.69E-08	-1.25E-08	-7.82E-09	-1.24E-08	-2.19E-09	-3.10E-09	-9.73E-08
3734	476069.83, 3849482.25	1.43709	-1.82E-04	-8.50E-05	-1.68E-04	-6.29E-08	-1.90E-07	-1.10E-07	-5.14E-08	-4.66E-08	-2.13E-08	-4.20E-08	-2.10E-09	-5.08E-08	-1.12E-08	-6.98E-09	-1.11E-08	-1.95E-09	-2.77E-09	-8.68E-08
3735	476069.83, 3849507.25	1.29475	-1.64E-04	-7.66E-05	-1.51E-04	-5.67E-08	-1.71E-07	-9.91E-08	-4.63E-08	-4.20E-08	-1.92E-08	-3.78E-08	-1.89E-09	-4.57E-08	-1.01E-08	-6.29E-09	-9.98E-09	-1.76E-09	-2.50E-09	-7.82E-08
3736	476094.83, 3849257.25	8.01974	-1.01E-03	-4.74E-04	-9.37E-04	-3.51E-07	-1.06E-06	-6.14E-07	-2.87E-07	-2.60E-07	-1.19E-07	-2.34E-07	-1.17E-08	-2.83E-07	-6.25E-08	-3.90E-08	-6.18E-08	-1.09E-08	-1.55E-08	-4.85E-07
3737	476094.83, 3849282.25	5.69104	-7.20E-04	-3.37E-04	-6.65E-04	-2.49E-07	-7.53E-07	-4.36E-07	-2.04E-07	-1.85E-07	-8.42E-08	-1.66E-07	-8.32E-09	-2.01E-07	-4.44E-08	-2.76E-08	-4.39E-08	-7.73E-09	-1.10E-08	-3.44E-07
3738	476094.83, 3849307.25	4.33436	-5.48E-04	-2.56E-04	-5.06E-04	-1.90E-07	-5.73E-07	-3.32E-07	-1.55E-07	-1.41E-07	-6.41E-08	-1.27E-07	-6.34E-09	-1.53E-07	-3.38E-08	-2.11E-08	-3.34E-08	-5.89E-09	-8.36E-09	-2.62E-07
3739	476094.83, 3849332.25	3.4853	-4.41E-04	-2.06E-04	-4.07E-04	-1.53E-07	-4.61E-07	-2.67E-07	-1.25E-07	-1.13E-07	-5.16E-08	-1.02E-07	-5.10E-09	-1.23E-07	-2.72E-08	-1.69E-08	-2.69E-08	-4.73E-09	-6.72E-09	-2.11E-07
3740	476094.83, 3849357.25	2.90561	-3.68E-04	-1.72E-04	-3.39E-04	-1.27E-07	-3.84E-07	-2.22E-07	-1.04E-07	-9.42E-08	-4.30E-08	-8.49E-08	-4.25E-09	-1.03E-07	-2.26E-08	-1.41E-08	-2.24E-08	-3.95E-09	-5.60E-09	-1.76E-07
3741	476094.83, 3849382.25	2.47215	-3.13E-04	-1.46E-04	-2.89E-04	-1.08E-07	-3.27E-07	-1.89E-07	-8.85E-08	-8.02E-08	-3.66E-08	-7.23E-08	-3.62E-09	-8.73E-08	-1.93E-08	-1.20E-08	-1.91E-08	-3.36E-09	-4.77E-09	-1.49E-07
3742	476094.83, 3849407.25	2.13206	-2.70E-04	-1.26E-04	-2.49E-04	-9.34E-08	-2.82E-07	-1.63E-07	-7.63E-08	-6.92E-08	-3.16E-08	-6.23E-08	-3.12E-09	-7.53E-08	-1.66E-08	-1.04E-08	-1.64E-08	-2.90E-09	-4.11E-09	-1.29E-07
3743	476094.83, 3849432.25	1.86379	-2.36E-04	-1.10E-04	-2.18E-04	-8.16E-08	-2.46E-07	-1.43E-07	-6.67E-08	-6.05E-08	-2.76E-08	-5.45E-08	-2.73E-09	-6.58E-08	-1.45E-08	-9.05E-09	-1.44E-08	-2.53E-09	-3.59E-09	-1.13E-07
3744	476094.83, 3849457.25	1.64298	-2.08E-04	-9.72E-05	-1.92E-04	-7.20E-08	-2.17E-07	-1.26E-07	-5.88E-08	-5.33E-08	-2.43E-08	-4.80E-08	-2.40E-09	-5.80E-08	-1.28E-08	-7.98E-09	-1.27E-08	-2.23E-09	-3.17E-09	-9.93E-08
3745	476094.83, 3849482.25	1.46437	-1.85E-04	-8.66E-05	-1.71E-04	-6.41E-08	-1.94E-07	-1.12E-07	-5.24E-08	-4.75E-08	-2.17E-08	-4.28E-08	-2.14E-09	-5.17E-08	-1.14E-08	-7.11E-09	-1.13E-08	-1.99E-09	-2.82E-09	-8.85E-08
3746	476094.83, 3849507.25	1.31731	-1.67E-04	-7.79E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.40E-09	-1.02E-08	-1.79E-09	-2.54E-09	-7.96E-08
3747	476119.83, 3849257.25	8.58509	-1.09E-03	-5.08E-04	-1.00E-03	-3.76E-07	-1.14E-06	-6.57E-07	-3.07E-07	-2.78E-07	-1.27E-07	-2.51E-07	-1.26E-08	-3.03E-07	-6.69E-08	-4.17E-08	-6.62E-08	-1.17E-08	-1.66E-08	-5.19E-07
3748	476119.83, 3849282.25	5.98562	-7.57E-04	-3.54E-04	-6.99E-04	-2.62E-07	-7.91E-07	-4.58E-07	-2.14E-07	-1.94E-07	-8.86E-08	-1.75E-07	-8.75E-09	-2.11E-07	-4.67E-08	-2.91E-08	-4.61E-08	-8.13E-09	-1.15E-08	-3.62E-07
3749	476119.83, 3849307.25	4.51042	-5.71E-04	-2.67E-04	-5.27E-04	-1.98E-07	-5.96E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.68E-08	-1.32E-07	-6.60E-09	-1.59E-07	-3.52E-08	-2.19E-08	-3.48E-08	-6.13E-09	-8.70E-09	-2.73E-07
3750	476119.83, 3849332.25	3.60652	-4.56E-04	-2.13E-04	-4.21E-04	-1.58E-07	-4.77E-07	-2.76E-07	-1.29E-07	-1.17E-07	-5.34E-08	-1.05E-07	-5.27E-09	-1.27E-07	-2.81E-08	-1.75E-08	-2.78E-08	-4.90E-09	-6.95E-09	-2.18E-07
3751	476119.83, 3849357.25	2.98121	-3.77E-04	-1.76E-04	-3.48E-04	-1.31E-07	-3.94E-07	-2.28E-07	-1.07E-07	-9.67E-08	-4.41E-08	-8.71E-08	-4.36E-09	-1.05E-07	-2.32E-08	-1.45E-08	-2.30E-08	-4.05E-09	-5.75E-09	-1.80E-07
3752	476119.83, 3849382.25	2.5238	-3.19E-04	-1.49E-04	-2.95E-04	-1.11E-07	-3.34E-07	-1.93E-07	-9.03E-08	-8.19E-08	-3.74E-08	-7.38E-08	-3.69E-09	-8.92E-08	-1.97E-08	-1.23E-08	-1.94E-08	-3.43E-09	-4.87E-09	-1.53E-07
3753	476119.83, 3849407.25	2.17441	-2.75E-04	-1.29E-04	-2.54E-04	-9.52E-08	-2.88E-07	-1.66E-07	-7.78E-08	-7.05E-08	-3.22E-08	-6.36E-08	-3.18E-09	-7.68E-08	-1.69E-08	-1.06E-08	-1.68E-08	-2.95E-09	-4.19E-09	-1.31E-07
3754	476119.83, 3849432.25	1.89852	-2.40E-04	-1.12E-04	-2.22E-04	-8.31E-08	-2.51E-07	-1.45E-07	-6.79E-08	-6.16E-08	-2.81E-08	-5.55E-08	-2.78E-09	-6.71E-08	-1.48E-08	-9.22E-09	-1.46E-08	-2.58E-09	-3.66E-09	-1.15E-07
3755	476119.83, 3849457.25	1.67341	-2.12E-04	-9.90E-05	-1.95E-04	-7.33E-08	-2.21E-07	-1.28E-07	-5.99E-08	-5.43E-08	-2.48E-08	-4.89E-08	-2.45E-09	-5.91E-08	-1.30E-08	-8.13E-09	-1.29E-08	-2.27E-09	-3.23E-09	-1.01E-07
3756	476119.83, 3849482.25	1.48993	-1.88E-04	-8.81E-05	-1.74E-04	-6.53E-08	-1.97E-07	-1.14E-07	-5.33E-08	-4.83E-08	-2.21E-08	-4.35E-08	-2.18E-09	-5.26E-08	-1.16E-08	-7.24E-09	-1.15E-08	-2.02E-09	-2.87E-09	-9.00E-08
3757	476119.83, 3849507.25	1.33836	-1.69E-04	-7.91E-05	-1.56E-04	-5.86E-08	-1.77E-07	-1.02E-07	-4.79E-08	-4.34E-08	-1.98E-08	-3.91E-08	-1.96E-09	-4.73E-08	-1.04E-08	-6.50E-09	-1.03E-08	-1.82E-09	-2.58E-09	-8.09E-08
3758	476144.83, 3849257.25	9.25747	-1.17E-03	-5.47E-04	-1.08E-03	-4.05E-07	-1.22E-06	-7.09E-07	-3.31E-07	-3.00E-07	-1.37E-07	-2.71E-07	-1.35E-08	-3.27E-07	-7.22E-08	-4.50E-08	-7.13E-08	-1.26E-08	-1.78E-08	-5.59E-07
3759	476144.83, 3849282.25	6.30068	-7.97E-04	-3.73E-04	-7.36E-04	-2.76E-07	-8.33E-07	-4.82E-07	-2.25E-07	-2.04E-07	-9.32E-08	-1.84E-07	-9.21E-09	-2.23E-07	-4.91E-08	-3.06E-08	-4.86E-08	-8.56E-09	-1.21E-08	-3.81E-07
3760	476144.83, 3849307.25	4.67939	-5.92E-04	-2.77E-04	-5.46E-04	-2.05E-07	-6.19E-07	-3.58E-07	-1.67E-07	-1.52E-07	-6.93E-08	-1.37E-07	-6.84E-09	-1.65E-07	-3.65E-08	-2.27E-08	-3.61E-08	-6.36E-09	-9.02E-09	-2.83E-07
3761	476144.83, 3849332.25	3.71214	-4.70E-04	-2.20E-04	-4.34E-04	-1.63E-07	-4.91E-07	-2.84E-07	-1.33E-07	-1.20E-07	-5.49E-08	-1.08E-07	-5.43E-09	-1.31E-07	-2.89E-08	-1.80E-08	-2.86E-08	-5.04E-09	-7.16E-09	-2.24E-07
3762	476144.83, 3849357.25	3.0518	-3.86E-04	-1.80E-04	-3.56E-04	-1.34E-07	-4.04E-07	-2.34E-07	-1.09E-07	-9.90E-08	-4.52E-08	-8.92E-08	-4.46E-09	-1.08E-07	-2.38E-08	-1.48E-08	-2.35E-08	-4.14E-09	-5.88E-09	-1.84E-07
3763	476144.83, 3849382.25	2.57474	-3.26E-04	-1.52E-04	-3.01E-04	-1.13E-07	-3.40E-07	-1.97E-07	-9.21E-08	-8.35E-08	-3.81E-08	-7.53E-08	-3.77E-09	-9.10E-08	-2.01E-08	-1.25E-08	-1.98E-08	-3.50E-09	-4.96E-09	-1.56E-07
3764	476144.83, 3849407.25	2.21431	-2.80E-04	-1.31E-04	-2.59E-04	-9.70E-08	-2.93E-07	-1.70E-07	-7.92E-08	-7.18E-08	-3.28E-08	-6.47E-08	-3.24E-09	-7.82E-08	-1.73E-08	-1.08E-08	-1.71E-08	-3.01E-09	-4.27E-09	-1.34E-07
3765	476144.83, 3849432.25	1.9317	-2.44E-04	-1.14E-04	-2.26E-04	-8.46E-08	-2.55E-07	-1.48E-07	-6.91E-08	-6.27E-08	-2.86E-08	-5.65E-08	-2.82E-09	-6.82E-08	-1.51E-08	-9.38E-09	-1.49E-08	-2.62E-09	-3.72E-09	-1.17E-07
3766	476144.83, 3849457.25	1.70198	-2.15E-04	-1.01E-04	-1.99E-04	-7.45E-08	-2.25E-07	-1.30E-07	-6.09E-08	-5.52E-08	-2.52E-08	-4.97E-08	-2.49E-09	-6.01E-08	-1.33E-08	-8.27E-09	-1.31E-08	-2.31E-09	-3.28E-09	-1.03E-07
3767	476144.83, 3849482.25	1.51411	-1.92E-04	-8.95E-05	-1.77E-04	-6.63E-08	-2.00E-07	-1.16E-07	-5.42E-08	-4.91E-08	-2.24E-08	-4.43E-08	-2.21E-09	-5.35E-08	-1.18E-08	-7.36E-09	-1.17E-08	-2.06E-09	-2.92E-09	-9.15E-08
3768	476144.83, 3849507.25	1.35832	-1.72E-04	-8.03E-05	-1.59E-04	-5.95E-08	-1.80E-07	-1.04E-07	-4.86E-08	-4.41E-08	-2.01E-08	-3.97E-08	-1.99E-09	-4.80E-08	-1.06E-08	-6.60E-09	-1.05E-08	-1.84E-09	-2.62E-09	-8.21E-08
3769	476144.83, 3849532.25	1.22733	-1.55E-04	-7.26E-05	-1.43E-04	-5.38E-08	-1.62E-07	-9.40E-08	-4.39E-08	-3.98E-08	-1.82E-08	-3.59E-08	-1.79E-09	-4.34E-08	-9.57E-09	-5.96E-09	-9.46E-09	-1.67E-09	-2.37E-09	-7.42E-08
3770	476169.83, 3849257.25	10.14894	-1.28E-03	-6.00E-04	-1.19E-03	-4.44E-07	-1.34E-06	-7.77E-07	-3.63E-07	-3.29E-07	-1.50E-07	-2.97E-07	-1.48E-08	-3.59E-07	-7.91E-08	-4.93E-08	-7.82E-08	-1.38E-08	-1.96E-08	-6.13E-07
3771	476169.83, 3849282.25	6.64143	-8.40E-04	-3.93E-04	-7.76E-04	-2.91E-07	-8.78E-07	-5.08E-07	-2.38E-07	-2.15E-07	-9.83E-08	-1.94E-07	-9.71E-09	-2.35E-07	-5.18E-08	-3.23E-08	-5.12E-08	-9.02E-09	-1.28E-08	-4.01E-07

3772	476169.83, 3849307.25	4.86589	-6.16E-04	-2.88E-04	-5.68E-04	-2.13E-07	-6.43E-07	-3.72E-07	-1.74E-07	-1.58E-07	-7.20E-08	-1.42E-07	-7.12E-09	-1.72E-07	-3.79E-08	-2.36E-08	-3.75E-08	-6.61E-09	-9.38E-09	-2.94E-07
3773	476169.83, 3849332.25	3.816	-4.83E-04	-2.26E-04	-4.46E-04	-1.67E-07	-5.05E-07	-2.92E-07	-1.37E-07	-1.24E-07	-5.65E-08	-1.12E-07	-5.58E-09	-1.35E-07	-2.97E-08	-1.85E-08	-2.94E-08	-5.18E-09	-7.36E-09	-2.31E-07
3774	476169.83, 3849357.25	3.11827	-3.95E-04	-1.84E-04	-3.64E-04	-1.37E-07	-4.12E-07	-2.39E-07	-1.12E-07	-1.01E-07	-4.61E-08	-9.11E-08	-4.56E-09	-1.10E-07	-2.43E-08	-1.51E-08	-2.40E-08	-4.24E-09	-6.01E-09	-1.88E-07
3775	476169.83, 3849382.25	2.6235	-3.32E-04	-1.55E-04	-3.06E-04	-1.15E-07	-3.47E-07	-2.01E-07	-9.39E-08	-8.51E-08	-3.88E-08	-7.67E-08	-3.84E-09	-9.27E-08	-2.04E-08	-1.27E-08	-2.02E-08	-3.56E-09	-5.06E-09	-1.59E-07
3776	476169.83, 3849407.25	2.25338	-2.85E-04	-1.33E-04	-2.63E-04	-9.87E-08	-2.98E-07	-1.72E-07	-8.06E-08	-7.31E-08	-3.33E-08	-6.59E-08	-3.30E-09	-7.96E-08	-1.76E-08	-1.09E-08	-1.74E-08	-3.06E-09	-4.34E-09	-1.36E-07
3777	476169.83, 3849432.25	1.96466	-2.49E-04	-1.16E-04	-2.29E-04	-8.60E-08	-2.60E-07	-1.50E-07	-7.03E-08	-6.37E-08	-2.91E-08	-5.74E-08	-2.87E-09	-6.94E-08	-1.53E-08	-9.54E-09	-1.51E-08	-2.67E-09	-3.79E-09	-1.19E-07
3778	476169.83, 3849457.25	1.73089	-2.19E-04	-1.02E-04	-2.02E-04	-7.58E-08	-2.29E-07	-1.32E-07	-6.19E-08	-5.61E-08	-2.56E-08	-5.06E-08	-2.53E-09	-6.11E-08	-1.35E-08	-8.41E-09	-1.33E-08	-2.35E-09	-3.34E-09	-1.05E-07
3779	476169.83, 3849482.25	1.53743	-1.95E-04	-9.09E-05	-1.80E-04	-6.73E-08	-2.03E-07	-1.18E-07	-5.50E-08	-4.99E-08	-2.28E-08	-4.49E-08	-2.25E-09	-5.43E-08	-1.20E-08	-7.47E-09	-1.18E-08	-2.09E-09	-2.96E-09	-9.29E-08
3780	476169.83, 3849507.25	1.37671	-1.74E-04	-8.14E-05	-1.61E-04	-6.03E-08	-1.82E-07	-1.05E-07	-4.93E-08	-4.47E-08	-2.04E-08	-4.02E-08	-2.01E-09	-4.86E-08	-1.07E-08	-6.69E-09	-1.06E-08	-1.87E-09	-2.65E-09	-8.32E-08
3781	476169.83, 3849532.25	1.24203	-1.57E-04	-7.34E-05	-1.45E-04	-5.44E-08	-1.64E-07	-9.51E-08	-4.44E-08	-4.03E-08	-1.84E-08	-3.63E-08	-1.82E-09	-4.39E-08	-9.68E-09	-6.03E-09	-9.57E-09	-1.69E-09	-2.39E-09	-7.51E-08
3782	476194.83, 3849282.25	7.02425	-8.89E-04	-4.15E-04	-8.20E-04	-3.08E-07	-9.29E-07	-5.38E-07	-2.51E-07	-2.28E-07	-1.04E-07	-2.05E-07	-1.03E-08	-2.48E-07	-5.48E-08	-3.41E-08	-5.41E-08	-9.54E-09	-1.35E-08	-4.24E-07
3783	476194.83, 3849307.25	5.06915	-6.41E-04	-3.00E-04	-5.92E-04	-2.22E-07	-6.70E-07	-3.88E-07	-1.81E-07	-1.64E-07	-7.50E-08	-1.48E-07	-7.41E-09	-1.79E-07	-3.95E-08	-2.46E-08	-3.91E-08	-6.88E-09	-9.77E-09	-3.06E-07
3784	476194.83, 3849332.25	3.92944	-4.97E-04	-2.32E-04	-4.59E-04	-1.72E-07	-5.20E-07	-3.01E-07	-1.41E-07	-1.27E-07	-5.82E-08	-1.15E-07	-5.75E-09	-1.39E-07	-3.06E-08	-1.91E-08	-3.03E-08	-5.34E-09	-7.58E-09	-2.37E-07
3785	476194.83, 3849357.25	3.18874	-4.03E-04	-1.89E-04	-3.72E-04	-1.40E-07	-4.22E-07	-2.44E-07	-1.14E-07	-1.03E-07	-4.72E-08	-9.32E-08	-4.66E-09	-1.13E-07	-2.49E-08	-1.55E-08	-2.46E-08	-4.33E-09	-6.15E-09	-1.93E-07
3786	476194.83, 3849382.25	2.67082	-3.38E-04	-1.58E-04	-3.12E-04	-1.17E-07	-3.53E-07	-2.04E-07	-9.56E-08	-8.66E-08	-3.95E-08	-7.81E-08	-3.91E-09	-9.43E-08	-2.08E-08	-1.30E-08	-2.06E-08	-3.63E-09	-5.15E-09	-1.61E-07
3787	476194.83, 3849407.25	2.28825	-2.89E-04	-1.35E-04	-2.67E-04	-1.00E-07	-3.03E-07	-1.75E-07	-8.19E-08	-7.42E-08	-3.39E-08	-6.69E-08	-3.35E-09	-8.08E-08	-1.78E-08	-1.11E-08	-1.76E-08	-3.11E-09	-4.41E-09	-1.38E-07
3788	476194.83, 3849432.25	1.9948	-2.52E-04	-1.18E-04	-2.33E-04	-8.74E-08	-2.64E-07	-1.53E-07	-7.14E-08	-6.47E-08	-2.95E-08	-5.83E-08	-2.92E-09	-7.05E-08	-1.55E-08	-9.69E-09	-1.54E-08	-2.71E-09	-3.85E-09	-1.21E-07
3789	476194.83, 3849457.25	1.75509	-2.22E-04	-1.04E-04	-2.05E-04	-7.69E-08	-2.32E-07	-1.34E-07	-6.28E-08	-5.69E-08	-2.60E-08	-5.13E-08	-2.57E-09	-6.20E-08	-1.37E-08	-8.53E-09	-1.35E-08	-2.38E-09	-3.38E-09	-1.06E-07
3790	476194.83, 3849482.25	1.55763	-1.97E-04	-9.21E-05	-1.82E-04	-6.82E-08	-2.06E-07	-1.19E-07	-5.57E-08	-5.05E-08	-2.31E-08	-4.55E-08	-2.28E-09	-5.50E-08	-1.21E-08	-7.57E-09	-1.20E-08	-2.12E-09	-3.00E-09	-9.41E-08
3791	476194.83, 3849507.25	1.39355	-1.76E-04	-8.24E-05	-1.63E-04	-6.10E-08	-1.84E-07	-1.07E-07	-4.99E-08	-4.52E-08	-2.06E-08	-4.07E-08	-2.04E-09	-4.92E-08	-1.09E-08	-6.77E-09	-1.07E-08	-1.89E-09	-2.69E-09	-8.42E-08
3792	476194.83, 3849532.25	1.25601	-1.59E-04	-7.43E-05	-1.47E-04	-5.50E-08	-1.66E-07	-9.61E-08	-4.49E-08	-4.07E-08	-1.86E-08	-3.67E-08	-1.84E-09	-4.44E-08	-9.79E-09	-6.10E-09	-9.68E-09	-1.71E-09	-2.42E-09	-7.59E-08
3793	476219.83, 3849282.25	7.45161	-9.43E-04	-4.41E-04	-8.70E-04	-3.26E-07	-9.85E-07	-5.70E-07	-2.67E-07	-2.42E-07	-1.10E-07	-2.18E-07	-1.09E-08	-2.63E-07	-5.81E-08	-3.62E-08	-5.74E-08	-1.01E-08	-1.44E-08	-4.50E-07
3794	476219.83, 3849307.25	5.28547	-6.69E-04	-3.13E-04	-6.17E-04	-2.31E-07	-6.99E-07	-4.05E-07	-1.89E-07	-1.71E-07	-7.82E-08	-1.54E-07	-7.73E-09	-1.87E-07	-4.12E-08	-2.57E-08	-4.07E-08	-7.18E-09	-1.02E-08	-3.19E-07
3795	476219.83, 3849332.25	4.05001	-5.12E-04	-2.39E-04	-4.73E-04	-1.77E-07	-5.36E-07	-3.10E-07	-1.45E-07	-1.31E-07	-5.99E-08	-1.18E-07	-5.92E-09	-1.43E-07	-3.16E-08	-1.97E-08	-3.12E-08	-5.50E-09	-7.81E-09	-2.45E-07
3796	476219.83, 3849357.25	3.26526	-4.13E-04	-1.93E-04	-3.81E-04	-1.43E-07	-4.32E-07	-2.50E-07	-1.17E-07	-1.06E-07	-4.83E-08	-9.54E-08	-4.78E-09	-1.15E-07	-2.55E-08	-1.59E-08	-2.52E-08	-4.43E-09	-6.30E-09	-1.97E-07
3797	476219.83, 3849382.25	2.72334	-3.45E-04	-1.61E-04	-3.18E-04	-1.19E-07	-3.60E-07	-2.08E-07	-9.74E-08	-8.83E-08	-4.03E-08	-7.96E-08	-3.98E-09	-9.62E-08	-2.12E-08	-1.32E-08	-2.10E-08	-3.70E-09	-5.25E-09	-1.65E-07
3798	476219.83, 3849407.25	2.32517	-2.94E-04	-1.37E-04	-2.72E-04	-1.02E-07	-3.07E-07	-1.78E-07	-8.32E-08	-7.54E-08	-3.44E-08	-6.80E-08	-3.40E-09	-8.21E-08	-1.81E-08	-1.13E-08	-1.79E-08	-3.16E-09	-4.48E-09	-1.41E-07
3799	476219.83, 3849432.25	2.02148	-2.56E-04	-1.20E-04	-2.36E-04	-8.85E-08	-2.67E-07	-1.55E-07	-7.23E-08	-6.56E-08	-2.99E-08	-5.91E-08	-2.96E-09	-7.14E-08	-1.58E-08	-9.82E-09	-1.56E-08	-2.75E-09	-3.90E-09	-1.22E-07
3800	476219.83, 3849457.25	1.77646	-2.25E-04	-1.05E-04	-2.07E-04	-7.78E-08	-2.35E-07	-1.36E-07	-6.36E-08	-5.76E-08	-2.63E-08	-5.19E-08	-2.60E-09	-6.28E-08	-1.38E-08	-8.63E-09	-1.37E-08	-2.41E-09	-3.42E-09	-1.07E-07
3801	476219.83, 3849482.25	1.57546	-1.99E-04	-9.32E-05	-1.84E-04	-6.90E-08	-2.08E-07	-1.21E-07	-5.64E-08	-5.11E-08	-2.33E-08	-4.60E-08	-2.30E-09	-5.57E-08	-1.23E-08	-7.65E-09	-1.21E-08	-2.14E-09	-3.04E-09	-9.52E-08
3802	476219.83, 3849507.25	1.40818	-1.78E-04	-8.33E-05	-1.64E-04	-6.17E-08	-1.86E-07	-1.08E-07	-5.04E-08	-4.57E-08	-2.08E-08	-4.12E-08	-2.06E-09	-4.97E-08	-1.10E-08	-6.84E-09	-1.09E-08	-1.91E-09	-2.71E-09	-8.51E-08
3803	476219.83, 3849532.25	1.26796	-1.60E-04	-7.50E-05	-1.48E-04	-5.55E-08	-1.68E-07	-9.71E-08	-4.54E-08	-4.11E-08	-1.88E-08	-3.71E-08	-1.85E-09	-4.48E-08	-9.88E-09	-6.16E-09	-9.77E-09	-1.72E-09	-2.44E-09	-7.66E-08
3804	476244.83, 3849282.25	7.94779	-1.01E-03	-4.70E-04	-9.28E-04	-3.48E-07	-1.05E-06	-6.08E-07	-2.84E-07	-2.58E-07	-1.18E-07	-2.32E-07	-1.16E-08	-2.81E-07	-6.20E-08	-3.86E-08	-6.12E-08	-1.08E-08	-1.53E-08	-4.80E-07
3805	476244.83, 3849307.25	5.51528	-6.98E-04	-3.26E-04	-6.44E-04	-2.42E-07	-7.29E-07	-4.22E-07	-1.97E-07	-1.79E-07	-8.16E-08	-1.61E-07	-8.07E-09	-1.95E-07	-4.30E-08	-2.68E-08	-4.25E-08	-7.49E-09	-1.06E-08	-3.33E-07
3806	476244.83, 3849332.25	4.17572	-5.28E-04	-2.47E-04	-4.88E-04	-1.83E-07	-5.52E-07	-3.20E-07	-1.49E-07	-1.35E-07	-6.18E-08	-1.22E-07	-6.11E-09	-1.48E-07	-3.25E-08	-2.03E-08	-3.22E-08	-5.67E-09	-8.05E-09	-2.52E-07
3807	476244.83, 3849357.25	3.3427	-4.23E-04	-1.98E-04	-3.90E-04	-1.46E-07	-4.42E-07	-2.56E-07	-1.20E-07	-1.08E-07	-4.95E-08	-9.77E-08	-4.89E-09	-1.18E-07	-2.61E-08	-1.62E-08	-2.58E-08	-4.54E-09	-6.44E-09	-2.02E-07
3808	476244.83, 3849382.25	2.77664	-3.51E-04	-1.64E-04	-3.24E-04	-1.22E-07	-3.67E-07	-2.13E-07	-9.93E-08	-9.01E-08	-4.11E-08	-8.12E-08	-4.06E-09	-9.81E-08	-2.16E-08	-1.35E-08	-2.14E-08	-3.77E-09	-5.35E-09	-1.68E-07
3809	476244.83, 3849407.25	2.36279	-2.99E-04	-1.40E-04	-2.76E-04	-1.03E-07	-3.12E-07	-1.81E-07	-8.45E-08	-7.66E-08	-3.50E-08	-6.91E-08	-3.46E-09	-8.35E-08	-1.84E-08	-1.15E-08	-1.82E-08	-3.21E-09	-4.56E-09	-1.43E-07
3810	476244.83, 3849432.25	2.04348	-2.59E-04	-1.21E-04	-2.39E-04	-8.95E-08	-2.70E-07	-1.56E-07	-7.31E-08	-6.63E-08	-3.02E-08	-5.97E-08	-2.99E-09	-7.22E-08	-1.59E-08	-9.93E-09	-1.57E-08	-2.78E-09	-3.94E-09	-1.23E-07
3811	476244.83, 3849457.25	1.79544	-2.27E-04	-1.06E-04	-2.10E-04	-7.86E-08	-2.37E-07	-1.37E-07	-6.42E-08	-5.82E-08	-2.66E-08	-5.25E-08	-2.63E-09	-6.34E-08	-1.40E-08	-8.72E-09	-1.38E-08	-2.44E-09	-3.46E-09	-1.09E-07
3812	476244.83, 3849482.25	1.59164	-2.01E-04	-9.41E-05	-1.86E-04	-6.97E-08	-2.10E-07	-1.22E-07	-5.69E-08	-5.16E-08	-2.36E-08	-4.65E-08	-2.33E-09	-5.62E-08	-1.24E-08	-7.73E-09	-1.23E-08	-2.16E-09	-3.07E-09	-9.62E-08
3813	476244.83, 3849507.25	1.42179	-1.80E-04	-8.41E-05	-1.66E-04	-6.23E-08	-1.88E-07	-1.09E-07	-5.09E-08	-4.61E-08	-2.10E-08	-4.16E-08	-2.08E-09	-5.02E-08	-1.11E-08	-6.91E-09	-1.10E-08	-1.93E-09	-2.74E-09	-8.59E-08
3814	476244.83, 3849532.25	1.27943	-1.62E-04	-7.57E-05	-1.49E-04	-5.60E-08	-1.69E-07	-9.79E-08	-4.58E-08	-4.15E-08	-1.89E-08	-3.74E-08	-1.87E-09	-4.52E-08	-9.97E-09	-6.22E-09	-9.86E-09	-1.74E-09	-2.47E-09	-7.73E-08
3815	476269.83, 3849282.25	8.53162	-1.08E-03	-5.05E-04	-9.96E-04	-3.74E-07	-1.13E-06	-6.53E-07	-3.05E-07	-2.77E-07	-1.26E-07	-2.49E-07	-1.25E-08	-3.01E-07	-6.65E-08	-4.14E-08	-6.57E-08	-1.16E-08	-1.64E-08	-5.16E-07
3816	476269.83, 3849307.25	5.76057	-7.29E-04	-3.41E-04	-6.73E-04	-2.52E-07	-7.62E-07	-4.41E-07	-2.06E-07	-1.87E-07	-8.53E-08	-1.68E-07	-8.42E-09	-2.03E-07	-4.49E-08	-2.80E-08	-4.44E-08	-7.82E-09	-1.11E-08	-3.48E-07
3817	476269.83, 3849332.25	4.30633	-5.45E-04	-2.55E-04	-5.03E-04	-1.89E-07	-5.69E-07	-3.30E-07	-1.54E-07	-1.40E-07	-6.37E-08	-1.26E-07	-6.30E-09	-1.52E-07	-3.36E-08	-2.09E-08	-3.32E-08	-5.85E-09	-8.30E-09	-2.60E-07
3818	476269.83, 3849357.25	3.41931	-4.33E-04	-2.02E-04	-3.99E-04	-1.50E-07	-4.52E-07	-2.62E-07	-1.22E-07	-1.11E-07	-5.06E-08	-9.99E-08	-5.00E-09	-1.21E-07	-2.67E-08	-1.66E-08	-2.64E-08	-4.64E-09	-6.59E-09	-2.07E-07
3819	476269.83, 3849382.25	2.82047	-3.57E-04	-1.67E-04	-3.29E-04	-1.24E-07	-3.73E-07	-2.16E-07	-1.01E-07	-9.15E-08	-4.17E-08	-8.24E-08	-4.12E-09	-9.96E-08	-2.20E-08	-1.37E-08	-2.17E-08	-3.83E-09	-5.44E-09	-1.70E-07
3820	476269.83, 3849407.25	2.38864	-3.02E-04	-1.41E-04	-2.79E-04	-1.05E-07	-3.16E-07	-1.83E-07	-8.55E-08	-7.75E-08	-3.54E-08	-6.98E-08	-3.49E-09	-8.44E-08	-1.86E-08	-1.16E-08	-1.84E-08	-3.24E-09	-4.61E-09	-1.44E-07
3821	476269.83, 3849432.25	2.06176	-2.61E-04	-1.22E-04	-2.41E-04	-9.03E-08	-2.73E-07	-1.58E-07	-7.38E-08	-6.69E-08	-3.05E-08	-6.03E-08	-3.02E-09	-7.28E-08	-1.61E-08	-1.00E-08	-1.59E-08	-2.80E-09	-3.97E-09	-1.25E-07
3822	476269.83, 3849457.25	1.81114	-2.29E-04	-1.07E-04	-2.12E-04	-7.93E-08	-2.39E-07	-1.39E-07	-6.48E-08	-5.87E-08	-2.68E-08	-5.29E-08	-2.65E-09	-6.40E-08	-1.41E-08	-8.80E-09	-1.40E-08	-2.46E-09	-3.49E-09	-1.09E-07
3823	476269.83, 3849482.25	1.60431	-2.03E-04	-9.49E-05	-1.87E-04	-7.03E-08	-2.12E-07	-1.23E-07	-5.74E-08	-5.20E-08	-2.37E-08	-4.69E-08	-2.35E-09	-5.67E-08	-1.25E-08	-7.79E-09	-1.24E-08	-2.18E-09	-3.09E-09	-9.70E-08
3824	476269.83, 3849507.25	1.43271	-1.81E-04	-8.47E-05	-1.67E-04	-6.27E-08	-1.89E-07	-1.10E-07	-5.13E-08	-4.65E-08	-2.12E-08	-4.19E-08	-2.10E-09	-5.06E-08	-1.12E-08	-6.96E-09	-1.10E-08	-1.95E-09	-2.76E-09	-8.66E-08
3825	476269.83, 3849532.25	1.28923	-1.63E-04	-7.62E-05	-1.51E-04	-5.65E-08	-1.70E-07	-9.87E-08	-4.61E-08	-4.18E-08	-1.91E-08	-3.77E-08	-1.89E-09	-4.55E-08	-1.00E-08	-6.26E-09	-9.94E-09	-1.75E-09	-2.49E-09	-7.79E-08
3826	476294.83, 3849282.25	9.23603	-1.17E-03	-5.46E-04	-1.08E-03	-4.04E-07	-1.22E-06	-7.07E-07	-3.30E-07	-3.00E-07	-1.37E-07	-2.70E-07	-1.35E-08	-3.26E-07	-7.20E-08	-4.49E-08	-7.12E-08	-1.25E-08	-1.78E-08	-5.58E-07
3827	476294.83, 3849307.25	5.97097	-7.55E-04	-3.53E-04	-6.97E-04	-2.61E-07	-7.90E-07	-4.57E-07	-2.14E-07	-1.94E-07	-8.84E-08	-1.75E-07	-8.73E-09	-2.11E-07	-4.65E-08	-2.90E-08	-4.60E-08	-8.11E-09	-1.15E-08	-3.61E-07
3828	476294.83, 3849332.25	4.39856	-5.56E-04	-2.60E-04	-5.14E-04	-1.93E-07	-5.82E-07	-3.37E-07	-1.57E-07	-1.43E-07	-6.51E-08	-1.29E-07	-6.43E-09	-1.55E-07	-3.43E-08	-2.14E-08	-3.39E-08	-5.97E-09	-8.48E-09	-2.66E-07
3829	476294.83, 3849357.25	3.46547	-4.38E-04	-2.05E-04	-4.05E-04	-1.52E-07	-4.58E-07	-2.65E-07	-1.24E-07	-1.12E-07	-5.13E-08	-1.01E-07	-5.07E-09	-1.22E-07	-2.70E-08	-1.68E-08	-2.67E-08	-4.71E-09	-6.68E-09	-2.09E-07
3830	476294.83, 3849382.25	2.84502	-3.60E-04	-1.68E-04	-3.32E-04	-1.25E-07	-3.76E-07	-2.18E-07	-1.02E-07	-9.23E-08	-4.21E-08	-8.32E-08	-4.16E-09	-1.01E-07	-2.22E-08	-1.38E-08	-2.19E-08	-3.86E-09	-5.48E-09	-1.72E-07
3831	476294.83, 3849407.25	2.40433	-3.04E-04	-1.42E-04	-2.81E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.60E-08	-7.80E-08	-3.56E-08	-7.03E-08	-3.52E-09	-8.49E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.27E-09	-4.64E-09	-1.45E-07
3832	476294.83, 3849432.25	2.07463	-2.62E-04	-1.23E-04	-2.42E-04	-9.09E-08	-2.74E-07	-1.59E-07	-7.42E-08	-6.73E-08	-3.07E-08	-6.06E-08	-3.03E-09	-7.33E-08	-1.62E-08	-1.01E-08	-1.60E-08	-2.82E-09	-4.00E-09	-1.25E-07
3833	476294.83, 3849457.25	1.82185	-2.30E-04	-1.08E-04	-2.13E-04	-7.98E-08	-2.41E-07	-1.39E-07	-6.52E-08	-5.91E-08	-2.70E-08	-5.32E-08	-2.66E-09	-6.44E-08	-1.42E-08	-8.85E-09	-1.40E-08	-2.47E-09	-3.51E-09	-1.10E-07
3834	476294.83, 3849482.25	1.61536	-2.04E-04	-9.55E-05	-1.89E-04	-7.07E-08	-2.14E-07	-1.24E-07	-5.78E-08	-5.24E-08	-2.39E-08	-4.72E-08	-2.36E-09	-5.71E-08	-1.26E-08	-7.85E-09	-1.24E-08	-2.19E-09	-3.11E-09	-9.76E-08
3835	476294.83, 3849507.25	1.44323	-1.83E-04	-8.53E-05	-1.69E-04	-6.32E-08	-1.91E-07	-1.10E-07	-5.16E-08	-4.68E-08	-2.14E-08	-4.22E-08	-2.11E-09	-5.10E-08	-1.12E-08	-7.01E-09	-1.11E-08	-1.96E-09	-2.78E-09	-8.72E-08

3836	476294.83, 3849532.25	1.29845	-1.64E-04	-7.68E-05	-1.52E-04	-5.69E-08	-1.72E-07	-9.94E-08	-4.65E-08	-4.21E-08	-1.92E-08	-3.80E-08	-1.90E-09	-4.59E-08	-1.01E-08	-6.31E-09	-1.00E-08	-1.76E-09	-2.50E-09	-7.85E-08
3837	476319.83, 3849282.25	10.1391	-1.28E-03	-6.00E-04	-1.18E-03	-4.44E-07	-1.34E-06	-7.76E-07	-3.63E-07	-3.29E-07	-1.50E-07	-2.96E-07	-1.48E-08	-3.58E-07	-7.90E-08	-4.93E-08	-7.81E-08	-1.38E-08	-1.95E-08	-6.13E-07
3838	476319.83, 3849307.25	6.22616	-7.88E-04	-3.68E-04	-7.27E-04	-2.73E-07	-8.23E-07	-4.77E-07	-2.23E-07	-2.02E-07	-9.21E-08	-1.82E-07	-9.11E-09	-2.20E-07	-4.85E-08	-3.02E-08	-4.80E-08	-8.46E-09	-1.20E-08	-3.76E-07
3839	476319.83, 3849332.25	4.50675	-5.70E-04	-2.67E-04	-5.26E-04	-1.97E-07	-5.96E-07	-3.45E-07	-1.61E-07	-1.46E-07	-6.67E-08	-1.32E-07	-6.59E-09	-1.59E-07	-3.51E-08	-2.19E-08	-3.47E-08	-6.12E-09	-8.69E-09	-2.72E-07
3840	476319.83, 3849357.25	3.51579	-4.45E-04	-2.08E-04	-4.11E-04	-1.54E-07	-4.65E-07	-2.69E-07	-1.26E-07	-1.14E-07	-5.20E-08	-1.03E-07	-5.14E-09	-1.24E-07	-2.74E-08	-1.71E-08	-2.71E-08	-4.78E-09	-6.78E-09	-2.12E-07
3841	476319.83, 3849382.25	2.85763	-3.62E-04	-1.69E-04	-3.34E-04	-1.25E-07	-3.78E-07	-2.19E-07	-1.02E-07	-9.27E-08	-4.23E-08	-8.35E-08	-4.18E-09	-1.01E-07	-2.23E-08	-1.39E-08	-2.20E-08	-3.88E-09	-5.51E-09	-1.73E-07
3842	476319.83, 3849407.25	2.40131	-3.04E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.18E-07	-1.84E-07	-8.59E-08	-7.79E-08	-3.55E-08	-7.02E-08	-3.51E-09	-8.48E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.63E-09	-1.45E-07
3843	476319.83, 3849432.25	2.0835	-2.64E-04	-1.23E-04	-2.43E-04	-9.12E-08	-2.76E-07	-1.59E-07	-7.45E-08	-6.76E-08	-3.08E-08	-6.09E-08	-3.05E-09	-7.36E-08	-1.62E-08	-1.01E-08	-1.61E-08	-2.83E-09	-4.02E-09	-1.26E-07
3844	476319.83, 3849457.25	1.82861	-2.31E-04	-1.08E-04	-2.14E-04	-8.01E-08	-2.42E-07	-1.40E-07	-6.54E-08	-5.93E-08	-2.71E-08	-5.34E-08	-2.67E-09	-6.46E-08	-1.43E-08	-8.88E-09	-1.41E-08	-2.48E-09	-3.53E-09	-1.11E-07
3845	476319.83, 3849482.25	1.62212	-2.05E-04	-9.59E-05	-1.89E-04	-7.10E-08	-2.14E-07	-1.24E-07	-5.80E-08	-5.26E-08	-2.40E-08	-4.74E-08	-2.37E-09	-5.73E-08	-1.26E-08	-7.88E-09	-1.25E-08	-2.20E-09	-3.13E-09	-9.80E-08
3846	476319.83, 3849507.25	1.44987	-1.83E-04	-8.57E-05	-1.69E-04	-6.35E-08	-1.92E-07	-1.11E-07	-5.19E-08	-4.70E-08	-2.15E-08	-4.24E-08	-2.12E-09	-5.12E-08	-1.13E-08	-7.04E-09	-1.12E-08	-1.97E-09	-2.80E-09	-8.76E-08
3847	476319.83, 3849532.25	1.30472	-1.65E-04	-7.72E-05	-1.52E-04	-5.71E-08	-1.73E-07	-9.99E-08	-4.67E-08	-4.23E-08	-1.93E-08	-3.81E-08	-1.91E-09	-4.61E-08	-1.02E-08	-6.34E-09	-1.01E-08	-1.77E-09	-2.52E-09	-7.88E-08
3848	476319.83, 3849557.25	1.18211	-1.50E-04	-6.99E-05	-1.38E-04	-5.18E-08	-1.56E-07	-9.05E-08	-4.23E-08	-3.83E-08	-1.75E-08	-3.46E-08	-1.73E-09	-4.18E-08	-9.21E-09	-5.74E-09	-9.11E-09	-1.61E-09	-2.28E-09	-7.14E-08
3849	476344.83, 3849307.25	6.47111	-8.19E-04	-3.83E-04	-7.56E-04	-2.83E-07	-8.56E-07	-4.95E-07	-2.32E-07	-2.10E-07	-9.58E-08	-1.89E-07	-9.46E-09	-2.29E-07	-5.04E-08	-3.14E-08	-4.99E-08	-8.79E-09	-1.25E-08	-3.91E-07
3850	476344.83, 3849332.25	4.58496	-5.80E-04	-2.71E-04	-5.35E-04	-2.01E-07	-6.06E-07	-3.51E-07	-1.64E-07	-1.49E-07	-6.79E-08	-1.34E-07	-6.71E-09	-1.62E-07	-3.57E-08	-2.23E-08	-3.53E-08	-6.23E-09	-8.84E-09	-2.77E-07
3851	476344.83, 3849357.25	3.55044	-4.49E-04	-2.10E-04	-4.15E-04	-1.55E-07	-4.69E-07	-2.72E-07	-1.27E-07	-1.15E-07	-5.25E-08	-1.04E-07	-5.19E-09	-1.25E-07	-2.77E-08	-1.72E-08	-2.74E-08	-4.82E-09	-6.84E-09	-2.15E-07
3852	476344.83, 3849382.25	2.86762	-3.63E-04	-1.70E-04	-3.35E-04	-1.26E-07	-3.79E-07	-2.20E-07	-1.03E-07	-9.30E-08	-4.24E-08	-8.38E-08	-4.19E-09	-1.01E-07	-2.24E-08	-1.39E-08	-2.21E-08	-3.89E-09	-5.53E-09	-1.73E-07
3853	476344.83, 3849407.25	2.40076	-3.04E-04	-1.42E-04	-2.80E-04	-1.05E-07	-3.17E-07	-1.84E-07	-8.59E-08	-7.79E-08	-3.55E-08	-7.02E-08	-3.51E-09	-8.48E-08	-1.87E-08	-1.17E-08	-1.85E-08	-3.26E-09	-4.63E-09	-1.45E-07
3854	476344.83, 3849432.25	2.08753	-2.64E-04	-1.23E-04	-2.44E-04	-9.14E-08	-2.76E-07	-1.60E-07	-7.47E-08	-6.77E-08	-3.09E-08	-6.10E-08	-3.05E-09	-7.37E-08	-1.63E-08	-1.01E-08	-1.61E-08	-2.84E-09	-4.02E-09	-1.26E-07
3855	476344.83, 3849457.25	1.83365	-2.32E-04	-1.08E-04	-2.14E-04	-8.03E-08	-2.42E-07	-1.40E-07	-6.56E-08	-5.95E-08	-2.71E-08	-5.36E-08	-2.68E-09	-6.48E-08	-1.43E-08	-8.91E-09	-1.41E-08	-2.49E-09	-3.54E-09	-1.11E-07
3856	476344.83, 3849482.25	1.6276	-2.06E-04	-9.62E-05	-1.90E-04	-7.13E-08	-2.15E-07	-1.25E-07	-5.82E-08	-5.28E-08	-2.41E-08	-4.76E-08	-2.38E-09	-5.75E-08	-1.27E-08	-7.91E-09	-1.25E-08	-2.21E-09	-3.14E-09	-9.84E-08
3857	476344.83, 3849507.25	1.45569	-1.84E-04	-8.61E-05	-1.70E-04	-6.38E-08	-1.92E-07	-1.11E-07	-5.21E-08	-4.72E-08	-2.15E-08	-4.25E-08	-2.13E-09	-5.14E-08	-1.13E-08	-7.07E-09	-1.12E-08	-1.98E-09	-2.81E-09	-8.80E-08
3858	476344.83, 3849532.25	1.31065	-1.66E-04	-7.75E-05	-1.53E-04	-5.74E-08	-1.73E-07	-1.00E-07	-4.69E-08	-4.25E-08	-1.94E-08	-3.83E-08	-1.92E-09	-4.63E-08	-1.02E-08	-6.37E-09	-1.01E-08	-1.78E-09	-2.53E-09	-7.92E-08
3859	476344.83, 3849557.25	1.18803	-1.50E-04	-7.03E-05	-1.39E-04	-5.20E-08	-1.57E-07	-9.09E-08	-4.25E-08	-3.85E-08	-1.76E-08	-3.47E-08	-1.74E-09	-4.20E-08	-9.26E-09	-5.77E-09	-9.16E-09	-1.61E-09	-2.29E-09	-7.18E-08
3860	476369.83, 3849307.25	6.89677	-8.73E-04	-4.08E-04	-8.05E-04	-3.02E-07	-9.12E-07	-5.28E-07	-2.47E-07	-2.24E-07	-1.02E-07	-2.02E-07	-1.01E-08	-2.44E-07	-5.38E-08	-3.35E-08	-5.31E-08	-9.37E-09	-1.33E-08	-4.17E-07
3861	476369.83, 3849332.25	4.65067	-5.88E-04	-2.75E-04	-5.43E-04	-2.04E-07	-6.15E-07	-3.56E-07	-1.66E-07	-1.51E-07	-6.88E-08	-1.36E-07	-6.80E-09	-1.64E-07	-3.63E-08	-2.26E-08	-3.58E-08	-6.32E-09	-8.97E-09	-2.81E-07
3862	476369.83, 3849357.25	3.56764	-4.51E-04	-2.11E-04	-4.17E-04	-1.56E-07	-4.72E-07	-2.73E-07	-1.28E-07	-1.16E-07	-5.28E-08	-1.04E-07	-5.22E-09	-1.26E-07	-2.78E-08	-1.73E-08	-2.75E-08	-4.85E-09	-6.88E-09	-2.16E-07
3863	476369.83, 3849382.25	2.89295	-3.66E-04	-1.71E-04	-3.38E-04	-1.27E-07	-3.83E-07	-2.21E-07	-1.04E-07	-9.38E-08	-4.28E-08	-8.46E-08	-4.23E-09	-1.02E-07	-2.26E-08	-1.41E-08	-2.23E-08	-3.93E-09	-5.58E-09	-1.75E-07
3864	476369.83, 3849407.25	2.4264	-3.07E-04	-1.43E-04	-2.83E-04	-1.06E-07	-3.21E-07	-1.86E-07	-8.68E-08	-7.87E-08	-3.59E-08	-7.09E-08	-3.55E-09	-8.57E-08	-1.89E-08	-1.18E-08	-1.87E-08	-3.30E-09	-4.68E-09	-1.47E-07
3865	476369.83, 3849432.25	2.09098	-2.65E-04	-1.24E-04	-2.44E-04	-9.16E-08	-2.76E-07	-1.60E-07	-7.48E-08	-6.78E-08	-3.09E-08	-6.11E-08	-3.06E-09	-7.39E-08	-1.63E-08	-1.02E-08	-1.61E-08	-2.84E-09	-4.03E-09	-1.26E-07
3866	476369.83, 3849457.25	1.83774	-2.32E-04	-1.09E-04	-2.15E-04	-8.05E-08	-2.43E-07	-1.41E-07	-6.58E-08	-5.96E-08	-2.72E-08	-5.37E-08	-2.69E-09	-6.49E-08	-1.43E-08	-8.93E-09	-1.42E-08	-2.50E-09	-3.54E-09	-1.11E-07
3867	476369.83, 3849482.25	1.63214	-2.06E-04	-9.65E-05	-1.91E-04	-7.15E-08	-2.16E-07	-1.25E-07	-5.84E-08	-5.29E-08	-2.42E-08	-4.77E-08	-2.39E-09	-5.77E-08	-1.27E-08	-7.93E-09	-1.26E-08	-2.22E-09	-3.15E-09	-9.86E-08
3868	476369.83, 3849507.25	1.4612	-1.85E-04	-8.64E-05	-1.71E-04	-6.40E-08	-1.93E-07	-1.12E-07	-5.23E-08	-4.74E-08	-2.16E-08	-4.27E-08	-2.14E-09	-5.16E-08	-1.14E-08	-7.10E-09	-1.13E-08	-1.98E-09	-2.82E-09	-8.83E-08
3869	476369.83, 3849532.25	1.31698	-1.67E-04	-7.79E-05	-1.54E-04	-5.77E-08	-1.74E-07	-1.01E-07	-4.71E-08	-4.27E-08	-1.95E-08	-3.85E-08	-1.93E-09	-4.65E-08	-1.03E-08	-6.40E-09	-1.01E-08	-1.79E-09	-2.54E-09	-7.96E-08
3870	476369.83, 3849557.25	1.19416	-1.51E-04	-7.06E-05	-1.39E-04	-5.23E-08	-1.58E-07	-9.14E-08	-4.27E-08	-3.87E-08	-1.77E-08	-3.49E-08	-1.75E-09	-4.22E-08	-9.31E-09	-5.80E-09	-9.20E-09	-1.62E-09	-2.30E-09	-7.22E-08
3871	476394.83, 3849307.25	7.146	-9.04E-04	-4.23E-04	-8.35E-04	-3.13E-07	-9.45E-07	-5.47E-07	-2.56E-07	-2.32E-07	-1.06E-07	-2.09E-07	-1.05E-08	-2.52E-07	-5.57E-08	-3.47E-08	-5.51E-08	-9.71E-09	-1.38E-08	-4.32E-07
3872	476394.83, 3849332.25	4.73552	-5.99E-04	-2.80E-04	-5.53E-04	-2.07E-07	-6.26E-07	-3.63E-07	-1.69E-07	-1.54E-07	-7.01E-08	-1.38E-07	-6.93E-09	-1.67E-07	-3.69E-08	-2.30E-08	-3.65E-08	-6.43E-09	-9.13E-09	-2.86E-07
3873	476394.83, 3849357.25	3.60478	-4.56E-04	-2.13E-04	-4.21E-04	-1.58E-07	-4.77E-07	-2.76E-07	-1.29E-07	-1.17E-07	-5.33E-08	-1.05E-07	-5.27E-09	-1.27E-07	-2.81E-08	-1.75E-08	-2.78E-08	-4.90E-09	-6.95E-09	-2.18E-07
3874	476394.83, 3849382.25	2.92017	-3.69E-04	-1.73E-04	-3.41E-04	-1.28E-07	-3.86E-07	-2.24E-07	-1.04E-07	-9.47E-08	-4.32E-08	-8.53E-08	-4.27E-09	-1.03E-07	-2.28E-08	-1.42E-08	-2.25E-08	-3.97E-09	-5.63E-09	-1.76E-07
3875	476394.83, 3849407.25	2.44657	-3.10E-04	-1.45E-04	-2.86E-04	-1.07E-07	-3.24E-07	-1.87E-07	-8.75E-08	-7.94E-08	-3.62E-08	-7.15E-08	-3.58E-09	-8.64E-08	-1.91E-08	-1.19E-08	-1.89E-08	-3.32E-09	-4.72E-09	-1.48E-07
3876	476394.83, 3849432.25	2.09629	-2.65E-04	-1.24E-04	-2.45E-04	-9.18E-08	-2.77E-07	-1.60E-07	-7.50E-08	-6.80E-08	-3.10E-08	-6.13E-08	-3.07E-09	-7.41E-08	-1.63E-08	-1.02E-08	-1.62E-08	-2.85E-09	-4.04E-09	-1.27E-07
3877	476394.83, 3849457.25	1.84259	-2.33E-04	-1.09E-04	-2.15E-04	-8.07E-08	-2.44E-07	-1.41E-07	-6.59E-08	-5.98E-08	-2.73E-08	-5.39E-08	-2.69E-09	-6.51E-08	-1.44E-08	-8.95E-09	-1.42E-08	-2.50E-09	-3.55E-09	-1.11E-07
3878	476394.83, 3849482.25	1.63849	-2.07E-04	-9.69E-05	-1.91E-04	-7.18E-08	-2.17E-07	-1.25E-07	-5.86E-08	-5.31E-08	-2.42E-08	-4.79E-08	-2.40E-09	-5.79E-08	-1.28E-08	-7.96E-09	-1.26E-08	-2.23E-09	-3.16E-09	-9.90E-08
3879	476394.83, 3849507.25	1.46801	-1.86E-04	-8.68E-05	-1.71E-04	-6.43E-08	-1.94E-07	-1.12E-07	-5.25E-08	-4.76E-08	-2.17E-08	-4.29E-08	-2.15E-09	-5.19E-08	-1.14E-08	-7.13E-09	-1.13E-08	-1.99E-09	-2.83E-09	-8.87E-08
3880	476394.83, 3849532.25	1.32345	-1.67E-04	-7.83E-05	-1.55E-04	-5.80E-08	-1.75E-07	-1.01E-07	-4.74E-08	-4.29E-08	-1.96E-08	-3.87E-08	-1.94E-09	-4.68E-08	-1.03E-08	-6.43E-09	-1.02E-08	-1.80E-09	-2.55E-09	-8.00E-08
3881	476394.83, 3849557.25	1.20035	-1.52E-04	-7.10E-05	-1.40E-04	-5.26E-08	-1.59E-07	-9.19E-08	-4.29E-08	-3.89E-08	-1.78E-08	-3.51E-08	-1.76E-09	-4.24E-08	-9.36E-09	-5.83E-09	-9.25E-09	-1.63E-09	-2.31E-09	-7.25E-08

					2028			2033			2048		
	NO2			Rate (g/s):	2.82E-03	2.82E-03	2.82E-03	7.14E-03	7.14E-03	7.14E-03	2.56E-03	2.56E-03	2.56E-03
	Concentration [µg/m^3] at 1 g/s												
	Period	1st	8th		Annual	1hr (1st)	1hr (8th)	Annual	1hr (1st)	1hr (8th)	Annual	1hr (1st)	1hr (8th)
#	X, Y	Main (SLIN	Main (SLIN	Main (SLINE1)	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	473243.71, 3847205.61	0.11498	17.6604	11.6154	0.0003244	0.0498235	0.0327695	8.21E-04	1.26E-01	8.30E-02	2.94E-04	4.52E-02	2.97E-02
2	473268.71, 3847230.61	0.12957	19.3571	12.5602	0.0003655	0.0546104	0.0354349	9.26E-04	1.38E-01	8.97E-02	3.32E-04	4.96E-02	3.22E-02
3	473268.71, 3847255.61	0.13638	20.9574	12.2298	0.0003848	0.059125	0.0345029	9.74E-04	1.50E-01	8.74E-02	3.49E-04	5.36E-02	3.13E-02
4	473268.71, 3847280.61	0.1492	23.018	12.9803	0.0004209	0.0649384	0.0366201	1.07E-03	1.64E-01	9.27E-02	3.82E-04	5.89E-02	3.32E-02
5	473268.71, 3847305.61	0.16217	24.2798	12.9233	0.0004575	0.0684983	0.0364592	1.16E-03	1.73E-01	9.23E-02	4.15E-04	6.22E-02	3.31E-02
6	473268.71, 3847330.61	0.18805	27.4344	14.4025	0.0005305	0.0773981	0.0406324	1.34E-03	1.96E-01	1.03E-01	4.81E-04	7.02E-02	3.69E-02
7	473268.71, 3847355.61	0.21594	30.6224	16.6639	0.0006092	0.0863921	0.0470123	1.54E-03	2.19E-01	1.19E-01	5.53E-04	7.84E-02	4.27E-02
8	473268.71, 3847380.61	0.30041	45.0661	25.1138	0.0008475	0.1271409	0.0708513	2.15E-03	3.22E-01	1.79E-01	7.69E-04	1.15E-01	6.43E-02
9	473268.71, 3847405.61	0.50077	79.4472	45.1123	0.0014128	0.2241372	0.1272712	3.58E-03	5.68E-01	3.22E-01	1.28E-03	2.03E-01	1.15E-01
10	473268.71, 3847430.61	0.73566	104.962	63.4564	0.0020754	0.2961184	0.1790238	5.26E-03	7.50E-01	4.53E-01	1.88E-03	2.69E-01	1.62E-01
11	473268.71, 3847455.61	1.15057	120.955	83.9947	0.003246	0.3412393	0.2369664	8.22E-03	8.64E-01	6.00E-01	2.95E-03	3.10E-01	2.15E-01
12	473268.71, 3847480.61	2.28713	133.494	108.78	0.0064525	0.3766148	0.3068915	1.63E-02	9.54E-01	7.77E-01	5.85E-03	3.42E-01	2.78E-01
13	473293.71, 3847255.61	0.13741	19.532	12.6049	0.0003877	0.0551037	0.0355611	9.82E-04	1.40E-01	9.00E-02	3.52E-04	5.00E-02	3.23E-02
14	473293.71, 3847280.61	0.15198	22.3069	12.8472	0.0004288	0.0629325	0.0362445	1.09E-03	1.59E-01	9.18E-02	3.89E-04	5.71E-02	3.29E-02
15	473293.71, 3847305.61	0.16928	25.0149	14.1438	0.0004776	0.0705722	0.0399025	1.21E-03	1.79E-01	1.01E-01	4.33E-04	6.40E-02	3.62E-02
16	473293.71, 3847330.61	0.19746	28.7735	16.157	0.0005571	0.081176	0.0455824	1.41E-03	2.06E-01	1.15E-01	5.05E-04	7.37E-02	4.14E-02
17	473293.71, 3847355.61	0.21985	30.0348	15.9752	0.0006202	0.0847345	0.0450693	1.57E-03	2.15E-01	1.14E-01	5.63E-04	7.69E-02	4.09E-02
18	473293.71, 3847380.61	0.28442	40.2685	21.8976	0.0008024	0.1136058	0.0617777	2.03E-03	2.88E-01	1.56E-01	7.28E-04	1.03E-01	5.61E-02
19	473293.71, 3847405.61	0.46771	68.7042	39.3121	0.0013195	0.1938289	0.1109075	3.34E-03	4.91E-01	2.81E-01	1.20E-03	1.76E-01	1.01E-01
20	473293.71, 3847430.61	0.71507	96.0057	56.7358	0.0020174	0.270852	0.1600635	5.11E-03	6.86E-01	4.05E-01	1.83E-03	2.46E-01	1.45E-01
21	473293.71, 3847455.61	1.10958	113.849	74.0173	0.0031304	0.321191	0.2088183	7.93E-03	8.13E-01	5.29E-01	2.84E-03	2.91E-01	1.89E-01
22	473293.71, 3847480.61	2.22107	126.68	94.9739	0.0062661	0.3573914	0.2679411	1.59E-02	9.05E-01	6.78E-01	5.69E-03	3.24E-01	2.43E-01
23	473318.71, 3847255.61	0.13896	18.8373	13.1652	0.000392	0.0531439	0.0371416	9.93E-04	1.35E-01	9.40E-02	3.56E-04	4.82E-02	3.37E-02
24	473318.71, 3847280.61	0.14692	19.7007	12.661	0.0004145	0.0555799	0.0357192	1.05E-03	1.41E-01	9.04E-02	3.76E-04	5.04E-02	3.24E-02
25	473318.71, 3847305.61	0.16853	23.3437	13.3739	0.0004755	0.0658574	0.0377304	1.20E-03	1.67E-01	9.55E-02	4.31E-04	5.98E-02	3.42E-02
26	473318.71, 3847330.61	0.20013	28.4305	16.061	0.0005646	0.0802082	0.0453115	1.43E-03	2.03E-01	1.15E-01	5.12E-04	7.28E-02	4.11E-02
27	473318.71, 3847355.61	0.2297	31.2913	18.0959	0.000648	0.0882792	0.0510524	1.64E-03	2.24E-01	1.29E-01	5.88E-04	8.01E-02	4.63E-02
28	473318.71, 3847380.61	0.27206	35.2291	19.5856	0.0007675	0.0993887	0.0552551	1.94E-03	2.52E-01	1.40E-01	6.96E-04	9.02E-02	5.01E-02
29	473318.71, 3847405.61	0.43968	60.6439	34.4436	0.0012404	0.1710889	0.0971726	3.14E-03	4.33E-01	2.46E-01	1.13E-03	1.55E-01	8.82E-02
30	473318.71, 3847430.61	0.66798	81.3122	50.6451	0.0018845	0.2293986	0.1428803	4.77E-03	5.81E-01	3.62E-01	1.71E-03	2.08E-01	1.30E-01
31	473318.71, 3847455.61	1.07592	103.84	62.8011	0.0030354	0.2929535	0.1771751	7.69E-03	7.42E-01	4.49E-01	2.75E-03	2.66E-01	1.61E-01
32	473318.71, 3847480.61	2.17325	118.839	81.6504	0.0061312	0.3352684	0.2303527	1.55E-02	8.49E-01	5.83E-01	5.56E-03	3.04E-01	2.09E-01
33	473318.71, 3847505.61	5.57455	132.202	105.307	0.015727	0.3729688	0.2970928	3.98E-02	9.44E-01	7.52E-01	1.43E-02	3.38E-01	2.70E-01
34	473343.71, 3847280.61	0.15252	19.6058	13.7055	0.0004303	0.0553119	0.038666	1.09E-03	1.40E-01	9.79E-02	3.90E-04	5.02E-02	3.51E-02
35	473343.71, 3847305.61	0.16538	21.1025	13.4556	0.0004666	0.0595346	0.037961	1.18E-03	1.51E-01	9.61E-02	4.23E-04	5.40E-02	3.44E-02
36	473343.71, 3847330.61	0.187	24.0942	13.7592	0.0005276	0.0679747	0.0388176	1.34E-03	1.72E-01	9.83E-02	4.79E-04	6.17E-02	3.52E-02
37	473343.71, 3847355.61	0.23226	30.7695	17.2007	0.0006553	0.0868071	0.0485268	1.66E-03	2.20E-01	1.23E-01	5.95E-04	7.88E-02	4.40E-02
38	473343.71, 3847380.61	0.29715	39.1364	22.6145	0.0008383	0.1104118	0.0638002	2.12E-03	2.80E-01	1.62E-01	7.61E-04	1.00E-01	5.79E-02
39	473343.71, 3847405.61	0.43326	55.7876	32.1881	0.0012223	0.1573884	0.0908092	3.10E-03	3.99E-01	2.30E-01	1.11E-03	1.43E-01	8.24E-02
40	473343.71, 3847430.61	0.60983	68.2157	41.0926	0.0017205	0.1924506	0.1159308	4.36E-03	4.87E-01	2.94E-01	1.56E-03	1.75E-01	1.05E-01
41	473343.71, 3847455.61	1.09292	92.5826	58.6328	0.0030834	0.2611949	0.1654154	7.81E-03	6.61E-01	4.19E-01	2.80E-03	2.37E-01	1.50E-01
42	473343.71, 3847480.61	2.35201	114.388	78.48	0.0066355	0.3227136	0.2214084	1.68E-02	8.17E-01	5.61E-01	6.02E-03	2.93E-01	2.01E-01
43	473343.71, 3847505.61	5.08244	126.268	97.9283	0.0143386	0.3562281	0.276276	3.63E-02	9.02E-01	7.00E-01	1.30E-02	3.23E-01	2.51E-01
44	473343.71, 3847530.61	8.91411	135.23	115.037	0.0251486	0.381512	0.3245422	6.37E-02	9.66E-01	8.22E-01	2.28E-02	3.46E-01	2.94E-01
45	473368.71, 3847280.61	0.16068	21.1124	14.9931	0.0004533	0.0595624	0.0422986	1.15E-03	1.51E-01	1.07E-01	4.11E-04	5.40E-02	3.84E-02
46	473368.71, 3847305.61	0.17005	20.5651	14.2842	0.0004797	0.0580184	0.0402987	1.21E-03	1.47E-01	1.02E-01	4.35E-04	5.26E-02	3.66E-02
47	473368.71, 3847330.61	0.19605	23.9572	15.4464	0.0005531	0.0675882	0.0435775	1.40E-03	1.71E-01	1.10E-01	5.02E-04	6.13E-02	3.95E-02
48	473368.71, 3847355.61	0.23817	30.2836	17.741	0.0006719	0.0854364	0.0500511	1.70E-03	2.16E-01	1.27E-01	6.10E-04	7.75E-02	4.54E-02
49	473368.71, 3847380.61	0.29465	36.857	21.3008	0.0008313	0.1039812	0.0600941	2.10E-03	2.63E-01	1.52E-01	7.54E-04	9.43E-02	5.45E-02
50	473368.71, 3847405.61	0.40937	49.2588	28.0866	0.0011549	0.1389693	0.0792381	2.92E-03	3.52E-01	2.01E-01	1.05E-03	1.26E-01	7.19E-02
51	473368.71, 3847430.61	0.5083	49.9194	27.5621	0.001434	0.1408329	0.0777584	3.63E-03	3.57E-01	1.97E-01	1.30E-03	1.28E-01	7.06E-02
52	473368.71, 3847455.61	0.9707	74.9956	47.0671	0.0027385	0.2115781	0.1327861	6.93E-03	5.36E-01	3.36E-01	2.48E-03	1.92E-01	1.20E-01
53	473368.71, 3847480.61	2.29859	106.293	72.3469	0.0064848	0.2998736	0.2041055	1.64E-02	7.59E-01	5.17E-01	5.88E-03	2.72E-01	1.85E-01
54	473368.71, 3847505.61	4.60674	121.109	91.5071	0.0129966	0.3416733	0.2581607	3.29E-02	8.65E-01	6.54E-01	1.18E-02	3.10E-01	2.34E-01
55	473368.71, 3847530.61	7.43489	129.594	105.148	0.0209754	0.3656111	0.2966438	5.31E-02	9.26E-01	7.51E-01	1.90E-02	3.32E-01	2.69E-01
56	473393.71, 3847305.61	0.18931	24.4523	18.0641	0.0005341	0.0689849	0.0509625	1.35E-03	1.75E-01	1.29E-01	4.85E-04	6.26E-02	4.62E-02
57	473393.71, 3847330.61	0.21668	27.1936	20.0409	0.0006113	0.0767188	0.0565397	1.55E-03	1.94E-01	1.43E-01	5.55E-04	6.96E-02	5.13E-02
58	473393.71, 3847355.61	0.25332	31.4366	21.3462	0.0007147	0.0886892	0.0602221	1.81E-03	2.25E-01	1.52E-01	6.48E-04	8.05E-02	5.46E-02
59	473393.71, 3847380.61	0.30918	37.7829	23.4605	0.0008723	0.1065933	0.0661868	2.21E-03	2.70E-01	1.68E-01	7.91E-04	9.67E-02	6.01E-02
60	473393.71, 3847405.61	0.43188	50.731	28.7156	0.0012184	0.1431227	0.0810125	3.09E-03	3.62E-01	2.05E-01	1.11E-03	1.30E-01	7.35E-02
61	473393.71, 3847430.61	0.56726	52.5589	30.155	0.0016004	0.1482795	0.0850736	4.05E-03	3.75E-01	2.15E-01	1.45E-03	1.35E-01	7.72E-02
62	473393.71, 3847455.61	0.94864	66.1535	40.8742	0.0026763	0.1866328	0.1153147	6.78E-03	4.73E-01	2.92E-01	2.43E-03	1.69E-01	1.05E-01
63	473393.71, 3847480.61	1.96684	90.7401	60.3451	0.0055489	0.2559967	0.1702461	1.41E-02	6.48E-01	4.31E-01	5.03E-03	2.32E-01	1.54E-01
64	473393.71, 3847505.61	3.93497	113.343	81.3545	0.0111014	0.3197638	0.2295179	2.81E-02	8.10E-01	5.81E-01	1.01E-02	2.90E-01	2.08E-01
65	473393.71, 3847530.61	5.61247	122.641	90.8386	0.0158339	0.3459959	0.2562745	4.01E-02	8.76E-01	6.49E-01	1.44E-02	3.14E-01	2.33E-01
66	473393.71, 3847555.61	9.0159	134.217	109.187	0.0254357	0.3786548	0.3080388	6.44E-02	9.59E-01	7.80E-01	2.31E-02	3.44E-01	2.79E-01
67	473418.71, 3847305.61	0.20417	26.9401	18.8865	0.000576	0.0760035	0.0532827	1.46E-03	1.92E-01	1.35E-01	5.23E-04	6.90E-02	4.83E-02
68	473418.71, 3847330.61	0.23364	29.7535	21.7298	0.0006591	0.0839407	0.0613043	1.67E-03	2.13E-01	1.55E-01	5.98E-04	7.62E-02	5.56E-02
69	473418.71, 3847355.61	0.27463	34.3152	23.6569	0.0007748	0.0968103	0.0667409	1.96E-03	2.45E-01	1.69E-01	7.03E-04	8.78E-02	6.06E-02
70	473418.71, 3847380.61	0.33583	39.8806	26.5923	0.0009474	0.1125115	0.0750224	2.40E-03	2.85E-01	1.90E-01	8.60E-04	1.02E-01	6.81E-02
71	473418.71, 3847405.61	0.44158	48.1788	28.8835	0.0012458	0.1359225	0.0814864	3.15E-03	3.44E-01	2.06E-01	1.13E-03	1.23E-01	7.39E-02
72	473418.71, 3847430.61	0.67773	62.8349	33.6523	0.001912	0.1772704	0.0949401	4.84E-03	4.49E-01	2.40E-01	1.73E-03	1.61E-01	8.61E-02
73	473418.71, 3847455.61	1.07502	72.758	40.799	0.0030329	0.2052655	0.1151025	7.68E-03	5.20E-01	2.91E-01	2.75E-03	1.86E-01	1.04E-01
74	473418.71, 3847480.61	1.79394	81.327	53.9582	0.0050611	0.2294404	0.1522274	1.28E-02	5.81E-01	3.85E-01	4.59E-03	2.08E-01	1.38E-01
75	473418.71, 3847505.61	2.99179	97.82	65.5646	0.0084405	0.2759705	0.1849714	2.14E-02	6.99E-01	4.68E-01	7.66E-03	2.50E-01	1.68E-01

76	473418.71, 3847530.61	4.56944	114.237	76.5632	0.0128913	0.3222862	0.2160008	3.26E-02	8.16E-01	5.47E-01	1.17E-02	2.92E-01	1.96E-01
77	473418.71, 3847555.61	7.47639	128.113	98.984	0.0210925	0.3614325	0.2792545	5.34E-02	9.15E-01	7.07E-01	1.91E-02	3.28E-01	2.53E-01
78	473443.71, 3847330.61	0.25173	33.15	22.1429	0.0007102	0.0935231	0.0624696	1.80E-03	2.37E-01	1.58E-01	6.44E-04	8.49E-02	5.67E-02
79	473443.71, 3847355.61	0.29937	37.5257	24.8089	0.0008446	0.1058678	0.069991	2.14E-03	2.68E-01	1.77E-01	7.66E-04	9.61E-02	6.35E-02
80	473443.71, 3847380.61	0.36977	42.8685	27.7917	0.0010432	0.1209411	0.0784062	2.64E-03	3.06E-01	1.99E-01	9.47E-04	1.10E-01	7.11E-02
81	473443.71, 3847405.61	0.47877	49.3714	30.2227	0.0013507	0.1392869	0.0852645	3.42E-03	3.53E-01	2.16E-01	1.23E-03	1.26E-01	7.74E-02
82	473443.71, 3847430.61	0.67534	58.5273	33.4284	0.0019053	0.1651176	0.0943083	4.82E-03	4.18E-01	2.39E-01	1.73E-03	1.50E-01	8.56E-02
83	473443.71, 3847455.61	1.0006	66.273	35.6303	0.0028229	0.1869698	0.1005205	7.15E-03	4.73E-01	2.55E-01	2.56E-03	1.70E-01	9.12E-02
84	473443.71, 3847480.61	1.60613	76.163	44.6212	0.0045312	0.2148716	0.1258857	1.15E-02	5.44E-01	3.19E-01	4.11E-03	1.95E-01	1.14E-01
85	473443.71, 3847505.61	2.65948	87.4546	59.6091	0.0075029	0.2467276	0.1681697	1.90E-02	6.25E-01	4.26E-01	6.81E-03	2.24E-01	1.53E-01
86	473443.71, 3847530.61	4.0834	105.134	71.8037	0.0115201	0.2966055	0.2025732	2.92E-02	7.51E-01	5.13E-01	1.05E-02	2.69E-01	1.84E-01
87	473443.71, 3847555.61	6.56397	122.799	93.5647	0.0185183	0.346442	0.2639653	4.69E-02	8.77E-01	6.68E-01	1.68E-02	3.14E-01	2.40E-01
88	473443.71, 3847580.61	9.32672	131.857	108.392	0.0263126	0.3719968	0.3057957	6.66E-02	9.42E-01	7.74E-01	2.39E-02	3.38E-01	2.77E-01
89	473468.71, 3847330.61	0.24581	29.5618	19.8063	0.0006935	0.0833999	0.0558777	1.76E-03	2.11E-01	1.41E-01	6.29E-04	7.57E-02	5.07E-02
90	473468.71, 3847355.61	0.30568	36.4539	23.981	0.0008624	0.1028441	0.0676553	2.18E-03	2.60E-01	1.71E-01	7.82E-04	9.33E-02	6.14E-02
91	473468.71, 3847380.61	0.40093	45.3168	28.7285	0.0011311	0.1278482	0.081049	2.86E-03	3.24E-01	2.05E-01	1.03E-03	1.16E-01	7.35E-02
92	473468.71, 3847405.61	0.52396	51.207	32.1318	0.0014782	0.1444655	0.0906504	3.74E-03	3.66E-01	2.30E-01	1.34E-03	1.31E-01	8.23E-02
93	473468.71, 3847430.61	0.73404	60.2323	35.2607	0.0020709	0.1699277	0.0994779	5.24E-03	4.30E-01	2.52E-01	1.88E-03	1.54E-01	9.03E-02
94	473468.71, 3847455.61	1.05863	68.1287	37.3434	0.0029866	0.1922051	0.1053534	7.56E-03	4.87E-01	2.67E-01	2.71E-03	1.74E-01	9.56E-02
95	473468.71, 3847480.61	1.59531	77.325	41.9536	0.0045007	0.2181499	0.1183598	1.14E-02	5.52E-01	3.00E-01	4.08E-03	1.98E-01	1.07E-01
96	473468.71, 3847505.61	2.46115	86.8763	52.5356	0.0069434	0.2450961	0.1482137	1.76E-02	6.21E-01	3.75E-01	6.30E-03	2.22E-01	1.34E-01
97	473468.71, 3847530.61	3.72423	97.2323	65.8494	0.0105068	0.2743126	0.1857747	2.66E-02	6.95E-01	4.70E-01	9.53E-03	2.49E-01	1.69E-01
98	473468.71, 3847555.61	5.4217	112.871	80.9383	0.0152957	0.3184315	0.2283439	3.87E-02	8.06E-01	5.78E-01	1.39E-02	2.89E-01	2.07E-01
99	473468.71, 3847580.61	7.75783	126.805	99.7462	0.0218865	0.3577435	0.2814048	5.54E-02	9.06E-01	7.13E-01	1.99E-02	3.25E-01	2.55E-01
100	473468.71, 3847605.61	10.8203	135.865	115.391	0.0305263	0.3833034	0.3255432	7.73E-02	9.71E-01	8.24E-01	2.77E-02	3.48E-01	2.95E-01
101	473493.71, 3847355.61	0.31692	35.916	22.588	0.0008941	0.1013265	0.0637255	2.26E-03	2.57E-01	1.61E-01	8.11E-04	9.19E-02	5.78E-02
102	473493.71, 3847380.61	0.41079	43.7031	27.4381	0.0011589	0.1232956	0.0774087	2.93E-03	3.12E-01	1.96E-01	1.05E-03	1.12E-01	7.02E-02
103	473493.71, 3847405.61	0.53934	49.5082	30.7276	0.0015216	0.1396729	0.0866888	3.85E-03	3.54E-01	2.20E-01	1.38E-03	1.27E-01	7.87E-02
104	473493.71, 3847430.61	0.76128	58.5393	35.5044	0.0021477	0.1651515	0.1001652	5.44E-03	4.18E-01	2.54E-01	1.95E-03	1.50E-01	9.09E-02
105	473493.71, 3847455.61	1.10073	68.2633	39.4862	0.0031054	0.192585	0.1113989	7.86E-03	4.88E-01	2.82E-01	2.82E-03	1.75E-01	1.01E-01
106	473493.71, 3847480.61	1.60373	77.501	42.6934	0.0045245	0.2186464	0.1204468	1.15E-02	5.54E-01	3.05E-01	4.11E-03	1.98E-01	1.09E-01
107	473493.71, 3847505.61	2.3211	86.8133	47.7855	0.0065483	0.2449183	0.1348127	1.66E-02	6.20E-01	3.41E-01	5.94E-03	2.22E-01	1.22E-01
108	473493.71, 3847530.61	3.3196	94.7733	58.2278	0.0093653	0.2673751	0.1642727	2.37E-02	6.77E-01	4.16E-01	8.50E-03	2.43E-01	1.49E-01
109	473493.71, 3847555.61	4.5837	103.127	71.266	0.0129316	0.2909428	0.2010561	3.27E-02	7.37E-01	5.09E-01	1.17E-02	2.64E-01	1.82E-01
110	473493.71, 3847580.61	6.47473	118.616	87.0167	0.0182666	0.3346398	0.2454923	4.63E-02	8.47E-01	6.22E-01	1.66E-02	3.04E-01	2.23E-01
111	473493.71, 3847605.61	9.10387	130.24	106.307	0.0256839	0.3674334	0.2999152	6.50E-02	9.30E-01	7.59E-01	2.33E-02	3.33E-01	2.72E-01
112	473518.71, 3847355.61	0.31174	31.2432	20.6644	0.0008795	0.0881436	0.0582987	2.23E-03	2.23E-01	1.48E-01	7.98E-04	8.00E-02	5.29E-02
113	473518.71, 3847380.61	0.39715	37.2748	23.5358	0.0011204	0.10516	0.0663993	2.84E-03	2.66E-01	1.68E-01	1.02E-03	9.54E-02	6.02E-02
114	473518.71, 3847405.61	0.50864	41.5937	26.9315	0.001435	0.1173446	0.0759794	3.63E-03	2.97E-01	1.92E-01	1.30E-03	1.06E-01	6.89E-02
115	473518.71, 3847430.61	0.72665	51.8779	32.0448	0.00205	0.1463584	0.0904051	5.19E-03	3.71E-01	2.29E-01	1.86E-03	1.33E-01	8.20E-02
116	473518.71, 3847455.61	1.0517	62.1556	37.2899	0.0029671	0.1753538	0.1052026	7.51E-03	4.44E-01	2.66E-01	2.69E-03	1.59E-01	9.55E-02
117	473518.71, 3847480.61	1.52511	73.2577	42.1893	0.0043027	0.2066753	0.1190247	1.09E-02	5.23E-01	3.01E-01	3.90E-03	1.88E-01	1.08E-01
118	473518.71, 3847505.61	2.18057	84.2413	46.3907	0.0061518	0.2376623	0.1308779	1.56E-02	6.02E-01	3.31E-01	5.58E-03	2.16E-01	1.19E-01
119	473518.71, 3847530.61	3.04578	93.7704	53.3877	0.0085928	0.2645457	0.1506179	2.18E-02	6.70E-01	3.81E-01	7.80E-03	2.40E-01	1.37E-01
120	473518.71, 3847555.61	4.17748	101.903	65.0587	0.0117855	0.2874882	0.1835442	2.98E-02	7.28E-01	4.65E-01	1.07E-02	2.61E-01	1.67E-01
121	473518.71, 3847580.61	5.76635	110.844	81.1937	0.0162681	0.3127134	0.2290644	4.12E-02	7.92E-01	5.80E-01	1.48E-02	2.84E-01	2.08E-01
122	473518.71, 3847605.61	7.86045	124.991	98.0886	0.022176	0.3526254	0.2767285	5.62E-02	8.93E-01	7.01E-01	2.01E-02	3.20E-01	2.51E-01
123	473518.71, 3847630.61	10.6067	133.575	113.699	0.0299238	0.3768422	0.3207679	7.58E-02	9.54E-01	8.12E-01	2.72E-02	3.42E-01	2.91E-01
124	473543.71, 3847380.61	0.357	26.3566	18.515	0.0010072	0.0743574	0.0522346	2.55E-03	1.88E-01	1.32E-01	9.14E-04	6.75E-02	4.74E-02
125	473543.71, 3847405.61	0.49143	35.3956	22.8055	0.0013864	0.0998584	0.0643391	3.51E-03	2.53E-01	1.63E-01	1.26E-03	9.06E-02	5.84E-02
126	473543.71, 3847430.61	0.69327	45.7006	29.0464	0.0019559	0.1289308	0.0819459	4.95E-03	3.26E-01	2.08E-01	1.77E-03	1.17E-01	7.44E-02
127	473543.71, 3847455.61	0.99219	56.3362	34.1225	0.0027992	0.1589361	0.0962666	7.09E-03	4.02E-01	2.44E-01	2.54E-03	1.44E-01	8.73E-02
128	473543.71, 3847480.61	1.41775	66.8034	39.4493	0.0039998	0.1884663	0.1112947	1.01E-02	4.77E-01	2.82E-01	3.63E-03	1.71E-01	1.01E-01
129	473543.71, 3847505.61	1.99909	78.4683	45.2822	0.0056398	0.2213753	0.1277504	1.43E-02	5.61E-01	3.23E-01	5.12E-03	2.01E-01	1.16E-01
130	473543.71, 3847530.61	2.78042	90.4621	50.9713	0.0078441	0.2552123	0.1438007	1.99E-02	6.46E-01	3.64E-01	7.12E-03	2.32E-01	1.30E-01
131	473543.71, 3847555.61	3.73369	99.5939	58.2776	0.0105335	0.2809752	0.1644133	2.67E-02	7.11E-01	4.16E-01	9.56E-03	2.55E-01	1.49E-01
132	473543.71, 3847580.61	4.93115	106.297	70.7179	0.0139118	0.2998849	0.19951	3.52E-02	7.59E-01	5.05E-01	1.26E-02	2.72E-01	1.81E-01
133	473543.71, 3847605.61	6.72448	116.139	88.6667	0.0189712	0.3276516	0.2501473	4.80E-02	8.30E-01	6.33E-01	1.72E-02	2.97E-01	2.27E-01
134	473543.71, 3847630.61	8.90321	128.674	104.662	0.0251178	0.363015	0.295272	6.36E-02	9.19E-01	7.48E-01	2.28E-02	3.29E-01	2.68E-01
135	473568.71, 3847380.61	0.35822	23.4343	16.9768	0.0010106	0.066113	0.047895	2.56E-03	1.67E-01	1.21E-01	9.17E-04	6.00E-02	4.35E-02
136	473568.71, 3847405.61	0.45955	27.355	19.109	0.0012965	0.0771743	0.0539106	3.28E-03	1.95E-01	1.37E-01	1.18E-03	7.00E-02	4.89E-02
137	473568.71, 3847430.61	0.62861	35.2214	22.9927	0.0017734	0.099367	0.0648672	4.49E-03	2.52E-01	1.64E-01	1.61E-03	9.02E-02	5.89E-02
138	473568.71, 3847455.61	0.91113	47.9498	30.4025	0.0025705	0.1352763	0.0857716	6.51E-03	3.43E-01	2.17E-01	2.33E-03	1.23E-01	7.78E-02
139	473568.71, 3847480.61	1.31761	61.4457	36.7001	0.0037173	0.173351	0.1035386	9.41E-03	4.39E-01	2.62E-01	3.37E-03	1.57E-01	9.39E-02
140	473568.71, 3847505.61	1.84582	73.1085	42.5246	0.0052074	0.2062543	0.1199707	1.32E-02	5.22E-01	3.04E-01	4.72E-03	1.87E-01	1.09E-01
141	473568.71, 3847530.61	2.49647	84.5057	49.0471	0.0070431	0.2384081	0.1383719	1.78E-02	6.04E-01	3.50E-01	6.39E-03	2.16E-01	1.26E-01
142	473568.71, 3847555.61	3.192	92.435	52.0323	0.0090053	0.2607785	0.1467939	2.28E-02	6.60E-01	3.72E-01	8.17E-03	2.37E-01	1.33E-01
143	473568.71, 3847580.61	4.18167	101.377	59.8046	0.0117974	0.2860057	0.1687213	2.99E-02	7.24E-01	4.27E-01	1.07E-02	2.60E-01	1.53E-01
144	473568.71, 3847605.61	5.48553	108.305	74.4982	0.0154758	0.305552	0.2101749	3.92E-02	7.74E-01	5.32E-01	1.40E-02	2.77E-01	1.91E-01
145	473568.71, 3847630.61	7.54952	120.627	93.7096	0.0212988	0.3403149	0.2643742	5.39E-02	8.62E-01	6.69E-01	1.93E-02	3.09E-01	2.40E-01
146	473568.71, 3847655.61	10.0701	132.211	111.412	0.0284099	0.3729944	0.3143161	7.19E-02	9.44E-01	7.96E-01	2.58E-02	3.38E-01	2.85E-01
147	473593.71, 3847405.61	0.47095	26.0698	18.4431	0.0013286	0.0735482	0.0520319	3.36E-03	1.86E-01	1.32E-01	1.21E-03	6.67E-02	4.72E-02
148	473593.71, 3847430.61	0.60816	30.2786	20.7315	0.0017157	0.0854222	0.0584878	4.34E-03	2.16E-01	1.48E-01	1.56E-03	7.75E-02	5.31E-02
149	473593.71, 3847455.61	0.84953	40.4991	26.0664	0.0023967	0.1142564	0.0735386	6.07E-03	2.89E-01	1.86E-01	2.17E-03	1.04E-01	6.67E-02
150	473593.71, 3847480.61	1.22431	55.2148	34.3057	0.003454	0.1557723	0.0967834	8.75E-03	3.94E-01	2.45E-01	3.13E-03	1.41E-01	8.78E-02
151	473593.71, 3847505.61	1.70888	68.6214	40.6621	0.0048211	0.1935952	0.1147161	1.22E-02	4.90E-01	2.90E-01	4.37E-03	1.76E-01	1.04E-01
152	473593.71, 3847530.61	2.22441	76.6444	44.5356	0.0062755	0.2162299	0.1256441	1.59E-02	5.48E-01	3.18E-01	5.69E-03	1.96E-01	1.14E-01
153	473593.71, 3847555.61	2.86674	86.7684	50.1426	0.0080877	0.2447916	0.1414626	2.05E-02	6.20E-01	3.58E-01	7.34E-03	2.22E-01	1.28E-01
154	473593.71, 3847580.61	3.71375	97.4132	55.9993	0.0104773	0.2748229	0.1579858	2.65E-02	6.96E-01	4.00E-01	9.51E-03	2.49E-01	1.43E-01
155	473593.71, 3847605.61	4.7958	106.047	64.2255	0.0135299	0.299182	0.1811935	3.43E-02	7.58E-01	4.59E-01	1.23E-02	2.71E-01	1.64E-01

156	473593.71, 3847630.61	6.37617	112.78	81.9338	0.0179885	0.3181766	0.2311522	4.55E-02	8.06E-01	5.85E-01	1.63E-02	2.89E-01	2.10E-01
157	473593.71, 3847655.61	8.62339	126.373	101.283	0.0243284	0.3565239	0.2857406	6.16E-02	9.03E-01	7.24E-01	2.21E-02	3.23E-01	2.59E-01
158	473593.71, 3847680.61	11.6076	135.343	118.898	0.0327473	0.3818301	0.3354349	8.29E-02	9.67E-01	8.49E-01	2.97E-02	3.46E-01	3.04E-01
159	473618.71, 3847405.61	0.49649	27.0423	18.8498	0.0014007	0.0762921	0.0531792	3.55E-03	1.93E-01	1.35E-01	1.27E-03	6.92E-02	4.83E-02
160	473618.71, 3847430.61	0.64264	31.6852	21.1896	0.001813	0.0893905	0.0597804	4.59E-03	2.26E-01	1.51E-01	1.65E-03	8.11E-02	5.42E-02
161	473618.71, 3847455.61	0.86441	40.2381	25.9057	0.0024387	0.11352	0.0730852	6.18E-03	2.87E-01	1.85E-01	2.21E-03	1.03E-01	6.63E-02
162	473618.71, 3847480.61	1.18185	51.3614	31.6063	0.0033342	0.1449013	0.0891679	8.44E-03	3.67E-01	2.26E-01	3.03E-03	1.31E-01	8.09E-02
163	473618.71, 3847505.61	1.58944	63.0701	38.4222	0.0044841	0.1779338	0.108397	1.14E-02	4.51E-01	2.74E-01	4.07E-03	1.61E-01	9.84E-02
164	473618.71, 3847530.61	2.04844	72.2963	42.8209	0.0057791	0.2039629	0.1208067	1.46E-02	5.16E-01	3.06E-01	5.24E-03	1.85E-01	1.10E-01
165	473618.71, 3847555.61	2.64499	82.5067	47.6505	0.0074621	0.2327685	0.134432	1.89E-02	5.89E-01	3.40E-01	6.77E-03	2.11E-01	1.22E-01
166	473618.71, 3847580.61	3.30844	92.0281	53.6054	0.0093338	0.2596304	0.151232	2.36E-02	6.57E-01	3.83E-01	8.47E-03	2.36E-01	1.37E-01
167	473618.71, 3847605.61	4.18956	101.47	60.1799	0.0118196	0.2862673	0.16978	2.99E-02	7.25E-01	4.30E-01	1.07E-02	2.60E-01	1.54E-01
168	473618.71, 3847630.61	5.42036	110.134	69.6068	0.015292	0.3107119	0.1963752	3.87E-02	7.87E-01	4.97E-01	1.39E-02	2.82E-01	1.78E-01
169	473618.71, 3847655.61	7.43706	118.465	92.1412	0.0209815	0.3342156	0.2599496	5.31E-02	8.46E-01	6.58E-01	1.90E-02	3.03E-01	2.36E-01
170	473618.71, 3847680.61	9.81045	130.122	109.452	0.0276773	0.3671006	0.3087857	7.01E-02	9.30E-01	7.82E-01	2.51E-02	3.33E-01	2.80E-01
171	473643.71, 3847430.61	0.67266	33.3911	21.7588	0.0018977	0.0942033	0.061386	4.81E-03	2.39E-01	1.55E-01	1.72E-03	8.55E-02	5.57E-02
172	473643.71, 3847455.61	0.87576	39.6688	25.0785	0.0024707	0.1119141	0.0707517	6.26E-03	2.83E-01	1.79E-01	2.24E-03	1.02E-01	6.42E-02
173	473643.71, 3847480.61	1.13753	47.3973	29.3375	0.0032092	0.1337176	0.0827672	8.13E-03	3.39E-01	2.10E-01	2.91E-03	1.21E-01	7.51E-02
174	473643.71, 3847505.61	1.47602	56.246	33.7671	0.0041642	0.1586816	0.0952639	1.05E-02	4.02E-01	2.41E-01	3.78E-03	1.44E-01	8.64E-02
175	473643.71, 3847530.61	1.88025	65.8702	40.0606	0.0053046	0.1858337	0.1130193	1.34E-02	4.71E-01	2.86E-01	4.81E-03	1.69E-01	1.03E-01
176	473643.71, 3847555.61	2.38467	76.2505	45.26	0.0067277	0.2151184	0.1276878	1.70E-02	5.45E-01	3.23E-01	6.10E-03	1.95E-01	1.16E-01
177	473643.71, 3847580.61	2.91336	82.9078	48.3854	0.0082192	0.2339002	0.1365052	2.08E-02	5.92E-01	3.46E-01	7.46E-03	2.12E-01	1.24E-01
178	473643.71, 3847605.61	3.65061	94.7398	55.1285	0.0102991	0.2672808	0.1555291	2.61E-02	6.77E-01	3.94E-01	9.34E-03	2.43E-01	1.41E-01
179	473643.71, 3847630.61	4.71017	105.995	65.0155	0.0132884	0.2990332	0.1834223	3.36E-02	7.57E-01	4.64E-01	1.21E-02	2.71E-01	1.66E-01
180	473643.71, 3847655.61	6.26176	115.2	77.2843	0.0176657	0.3250045	0.2180351	4.47E-02	8.23E-01	5.52E-01	1.60E-02	2.95E-01	1.98E-01
181	473643.71, 3847680.61	8.39579	123.488	100.48	0.0236863	0.3483853	0.2834763	6.00E-02	8.82E-01	7.18E-01	2.15E-02	3.16E-01	2.57E-01
182	473643.71, 3847705.61	11.1334	133.424	117.454	0.0314097	0.376417	0.3313628	7.95E-02	9.53E-01	8.39E-01	2.85E-02	3.42E-01	3.01E-01
183	473668.71, 3847430.61	0.62366	26.3603	17.8153	0.0017595	0.0743678	0.0502606	4.46E-03	1.88E-01	1.27E-01	1.60E-03	6.75E-02	4.56E-02
184	473668.71, 3847455.61	0.79625	31.3363	21.0901	0.0022464	0.0884063	0.0594996	5.69E-03	2.24E-01	1.51E-01	2.04E-03	8.02E-02	5.40E-02
185	473668.71, 3847480.61	1.03429	38.5608	24.903	0.0029179	0.1087882	0.0702566	7.39E-03	2.75E-01	1.78E-01	2.65E-03	9.87E-02	6.37E-02
186	473668.71, 3847505.61	1.32114	46.6037	29.3256	0.0037272	0.1314787	0.0827335	9.44E-03	3.33E-01	2.09E-01	3.38E-03	1.19E-01	7.51E-02
187	473668.71, 3847530.61	1.61653	52.3717	32.6954	0.0045606	0.1477514	0.0922404	1.15E-02	3.74E-01	2.34E-01	4.14E-03	1.34E-01	8.37E-02
188	473668.71, 3847555.61	2.09445	65.5689	40.3513	0.0059089	0.1849835	0.1138395	1.50E-02	4.68E-01	2.88E-01	5.36E-03	1.68E-01	1.03E-01
189	473668.71, 3847580.61	2.63433	77.1569	46.1348	0.007432	0.2176756	0.1301558	1.88E-02	5.51E-01	3.30E-01	6.74E-03	1.98E-01	1.18E-01
190	473668.71, 3847605.61	3.32788	89.5389	52.4875	0.0093886	0.2526078	0.1480781	2.38E-02	6.40E-01	3.75E-01	8.52E-03	2.29E-01	1.34E-01
191	473668.71, 3847630.61	4.22259	102.539	61.3216	0.0119128	0.2892847	0.1730009	3.02E-02	7.33E-01	4.38E-01	1.08E-02	2.62E-01	1.57E-01
192	473668.71, 3847655.61	5.35798	111.75	71.0973	0.015116	0.315271	0.2005803	3.83E-02	7.98E-01	5.08E-01	1.37E-02	2.86E-01	1.82E-01
193	473668.71, 3847680.61	7.19834	119.505	86.1522	0.020308	0.3371488	0.2430533	5.14E-02	8.54E-01	6.15E-01	1.84E-02	3.06E-01	2.21E-01
194	473668.71, 3847705.61	9.43196	127.426	108.817	0.0266095	0.3594951	0.3069947	6.74E-02	9.10E-01	7.77E-01	2.41E-02	3.26E-01	2.79E-01
195	473693.71, 3847455.61	0.70834	22.6343	15.9921	0.0019984	0.0638561	0.045117	5.06E-03	1.62E-01	1.14E-01	1.81E-03	5.79E-02	4.09E-02
196	473693.71, 3847480.61	0.92336	29.4074	20.3905	0.002605	0.0829644	0.0575259	6.60E-03	2.10E-01	1.46E-01	2.36E-03	7.53E-02	5.22E-02
197	473693.71, 3847505.61	1.17116	36.1747	24.2406	0.0033041	0.1020562	0.0683879	8.37E-03	2.58E-01	1.73E-01	3.00E-03	9.26E-02	6.21E-02
198	473693.71, 3847530.61	1.39401	39.382	26.4846	0.0039328	0.1111049	0.0747186	9.96E-03	2.81E-01	1.89E-01	3.57E-03	1.01E-01	6.78E-02
199	473693.71, 3847555.61	1.78592	51.2569	32.393	0.0050385	0.1446064	0.0913874	1.28E-02	3.66E-01	2.31E-01	4.57E-03	1.31E-01	8.29E-02
200	473693.71, 3847580.61	2.37804	69.1795	42.3997	0.0067089	0.1951697	0.1196184	1.70E-02	4.94E-01	3.03E-01	6.09E-03	1.77E-01	1.09E-01
201	473693.71, 3847605.61	3.06204	85.6273	50.8517	0.0086387	0.2415724	0.1434631	2.19E-02	6.12E-01	3.63E-01	7.84E-03	2.19E-01	1.30E-01
202	473693.71, 3847630.61	3.81719	98.4391	57.6502	0.0107691	0.2777171	0.1626433	2.73E-02	7.03E-01	4.12E-01	9.77E-03	2.52E-01	1.48E-01
203	473693.71, 3847655.61	4.75993	108.631	66.4111	0.0134288	0.3064699	0.1873595	3.40E-02	7.76E-01	4.74E-01	1.22E-02	2.78E-01	1.70E-01
204	473693.71, 3847680.61	6.20521	116.894	78.5733	0.0175062	0.3297814	0.2216716	4.43E-02	8.35E-01	5.61E-01	1.59E-02	2.99E-01	2.01E-01
205	473693.71, 3847705.61	8.14356	123.417	97.0628	0.0229747	0.3481837	0.2738345	5.82E-02	8.82E-01	6.93E-01	2.08E-02	3.16E-01	2.48E-01
206	473693.71, 3847730.61	10.638	131.064	115.765	0.030012	0.3697579	0.3265985	7.60E-02	9.36E-01	8.27E-01	2.72E-02	3.35E-01	2.96E-01
207	473718.71, 3847455.61	0.66748	19.073	13.4598	0.0018831	0.0538089	0.0379728	4.77E-03	1.36E-01	9.62E-02	1.71E-03	4.88E-02	3.45E-02
208	473718.71, 3847480.61	0.82116	21.6782	15.4725	0.0023167	0.0611586	0.0436512	5.87E-03	1.55E-01	1.11E-01	2.10E-03	5.55E-02	3.96E-02
209	473718.71, 3847505.61	1.03657	27.0446	19.4455	0.0029244	0.0762984	0.0548599	7.41E-03	1.93E-01	1.39E-01	2.65E-03	6.92E-02	4.98E-02
210	473718.71, 3847530.61	1.25783	31.4866	21.9385	0.0035486	0.0888304	0.0618929	8.99E-03	2.25E-01	1.57E-01	3.22E-03	8.06E-02	5.62E-02
211	473718.71, 3847555.61	1.61977	43.0418	28.4318	0.0045697	0.1214297	0.080212	1.16E-02	3.07E-01	2.03E-01	4.15E-03	1.10E-01	7.28E-02
212	473718.71, 3847580.61	2.16799	61.024	36.8151	0.0061164	0.1721614	0.1038631	1.55E-02	4.36E-01	2.63E-01	5.55E-03	1.56E-01	9.42E-02
213	473718.71, 3847605.61	2.77578	77.4787	46.3024	0.0078311	0.2185836	0.1306286	1.98E-02	5.53E-01	3.31E-01	7.11E-03	1.98E-01	1.19E-01
214	473718.71, 3847630.61	3.43728	91.9702	54.713	0.0096973	0.2594671	0.1543567	2.46E-02	6.57E-01	3.91E-01	8.80E-03	2.35E-01	1.40E-01
215	473718.71, 3847655.61	4.28317	104.669	62.1243	0.0120837	0.295294	0.1752655	3.06E-02	7.48E-01	4.44E-01	1.10E-02	2.68E-01	1.59E-01
216	473718.71, 3847680.61	5.39356	114.164	72.4638	0.0152164	0.3220814	0.2044355	3.85E-02	8.16E-01	5.18E-01	1.38E-02	2.92E-01	1.85E-01
217	473718.71, 3847705.61	7.03277	121.257	86.089	0.0198409	0.3420905	0.242875	5.02E-02	8.66E-01	6.15E-01	1.80E-02	3.10E-01	2.20E-01
218	473718.71, 3847730.61	9.10613	126.439	105.486	0.0256903	0.3567109	0.2975966	6.51E-02	9.03E-01	7.54E-01	2.33E-02	3.24E-01	2.70E-01
219	473743.71, 3847480.61	0.78571	19.2067	13.4326	0.0022167	0.0541862	0.0378962	5.61E-03	1.37E-01	9.60E-02	2.01E-03	4.92E-02	3.44E-02
220	473743.71, 3847505.61	0.99797	24.573	17.2015	0.0028155	0.0693255	0.048529	7.13E-03	1.76E-01	1.23E-01	2.55E-03	6.29E-02	4.40E-02
221	473743.71, 3847530.61	1.24666	31.5225	21.6408	0.0035171	0.0889315	0.0610532	8.91E-03	2.25E-01	1.55E-01	3.19E-03	8.07E-02	5.54E-02
222	473743.71, 3847555.61	1.58913	42.0933	26.9242	0.0044833	0.1187538	0.0759588	1.14E-02	3.01E-01	1.92E-01	4.07E-03	1.08E-01	6.89E-02
223	473743.71, 3847580.61	2.02778	55.6137	34.0964	0.0057208	0.1568978	0.0961932	1.45E-02	3.97E-01	2.44E-01	5.19E-03	1.42E-01	8.73E-02
224	473743.71, 3847605.61	2.53558	69.3322	41.5399	0.0071534	0.1956006	0.1171927	1.81E-02	4.95E-01	2.97E-01	6.49E-03	1.77E-01	1.06E-01
225	473743.71, 3847630.61	3.12671	83.639	49.5205	0.0088211	0.2359631	0.1397076	2.23E-02	5.97E-01	3.54E-01	8.00E-03	2.14E-01	1.27E-01
226	473743.71, 3847655.61	3.85502	99.5578	58.9835	0.0108758	0.2808731	0.1664048	2.75E-02	7.11E-01	4.21E-01	9.87E-03	2.55E-01	1.51E-01
227	473743.71, 3847680.61	4.67301	108.404	65.6927	0.0131835	0.3058298	0.1853328	3.34E-02	7.74E-01	4.69E-01	1.20E-02	2.77E-01	1.68E-01
228	473743.71, 3847705.61	5.85373	117.158	77.0073	0.0165146	0.3305276	0.2172536	4.18E-02	8.37E-01	5.50E-01	1.50E-02	3.00E-01	1.97E-01
229	473743.71, 3847730.61	7.84073	124.987	93.6597	0.0221203	0.3526139	0.2642334	5.60E-02	8.93E-01	6.69E-01	2.01E-02	3.20E-01	2.40E-01
230	473743.71, 3847755.61	10.1894	129.913	113.271	0.0287465	0.3665105	0.3195608	7.28E-02	9.28E-01	8.09E-01	2.61E-02	3.33E-01	2.90E-01
231	473768.71, 3847480.61	0.7718	17.8758	12.6166	0.0021774	0.0504312	0.035594	5.51E-03	1.28E-01	9.01E-02	1.98E-03	4.58E-02	3.23E-02
232	473768.71, 3847505.61	0.96189	22.3177	15.2775	0.0027137	0.0629629	0.0431011	6.87E-03	1.59E-01	1.09E-01	2.46E-03	5.71E-02	3.91E-02
233	473768.71, 3847530.61	1.22341	30.5265	19.7391	0.0034515	0.0861215	0.0556882	8.74E-03	2.18E-01	1.41E-01	3.13E-03	7.81E-02	5.05E-02
234	473768.71, 3847555.61	1.51417	38.5456	24.6448	0.0042718	0.1087452	0.0695282	1.08E-02	2.75E-01	1.76E-01	3.88E-03	9.87E-02	6.31E-02
235	473768.71, 3847580.61	1.88878	49.2003	30.5614	0.0053286	0.1388043	0.0862201	1.35E-02	3.51E-01	2.18E-01	4.83E-03	1.26E-01	7.82E-02

236	473768.71, 3847605.61	2.32457	61.3747	36.6674	0.0065581	0.1731508	0.1034464	1.66E-02	4.38E-01	2.62E-01	5.95E-03	1.57E-01	9.39E-02
237	473768.71, 3847630.61	2.83862	74.5905	44.7496	0.0080083	0.2104352	0.1262479	2.03E-02	5.33E-01	3.20E-01	7.27E-03	1.91E-01	1.15E-01
238	473768.71, 3847655.61	3.47165	89.4838	53.1871	0.0097942	0.2524524	0.150052	2.48E-02	6.39E-01	3.80E-01	8.89E-03	2.29E-01	1.36E-01
239	473768.71, 3847680.61	4.20648	103.938	62.2506	0.0118674	0.2932311	0.1756219	3.01E-02	7.43E-01	4.45E-01	1.08E-02	2.66E-01	1.59E-01
240	473768.71, 3847705.61	5.18811	113.14	71.2144	0.0146367	0.3191905	0.2009107	3.71E-02	8.08E-01	5.09E-01	1.33E-02	2.90E-01	1.82E-01
241	473768.71, 3847730.61	6.63193	121.496	82.9409	0.0187101	0.3427657	0.2339935	4.74E-02	8.68E-01	5.93E-01	1.70E-02	3.11E-01	2.12E-01
242	473768.71, 3847755.61	8.71047	127.751	102.82	0.024574	0.3604126	0.2900761	6.22E-02	9.13E-01	7.35E-01	2.23E-02	3.27E-01	2.63E-01
243	473768.71, 3847780.61	11.4345	133.284	120.345	0.0322591	0.3760229	0.3395178	8.17E-02	9.52E-01	8.60E-01	2.93E-02	3.41E-01	3.08E-01
244	473793.71, 3847505.61	0.88935	18.2998	12.8962	0.002509	0.0516275	0.0363827	6.35E-03	1.31E-01	9.21E-02	2.28E-03	4.68E-02	3.30E-02
245	473793.71, 3847530.61	1.11198	24.1701	16.2565	0.0031371	0.0681888	0.045863	7.94E-03	1.73E-01	1.16E-01	2.85E-03	6.19E-02	4.16E-02
246	473793.71, 3847555.61	1.39582	32.6945	20.7122	0.0039379	0.092238	0.0584333	9.97E-03	2.34E-01	1.48E-01	3.57E-03	8.37E-02	5.30E-02
247	473793.71, 3847580.61	1.72806	41.9523	26.1184	0.0048752	0.1183563	0.0736853	1.23E-02	3.00E-01	1.87E-01	4.42E-03	1.07E-01	6.69E-02
248	473793.71, 3847605.61	2.12486	52.8183	32.2838	0.0059947	0.1490114	0.0910792	1.52E-02	3.77E-01	2.31E-01	5.44E-03	1.35E-01	8.26E-02
249	473793.71, 3847630.61	2.60249	66.0959	39.0036	0.0073422	0.1864702	0.1100373	1.86E-02	4.72E-01	2.79E-01	6.66E-03	1.69E-01	9.98E-02
250	473793.71, 3847655.61	3.18089	81.0946	48.3199	0.008974	0.2287848	0.1363204	2.27E-02	5.79E-01	3.45E-01	8.14E-03	2.08E-01	1.24E-01
251	473793.71, 3847680.61	3.88361	97.0363	57.8511	0.0109565	0.2737595	0.1632099	2.77E-02	6.93E-01	4.13E-01	9.94E-03	2.48E-01	1.48E-01
252	473793.71, 3847705.61	4.55043	107.396	65.4073	0.0128377	0.3029851	0.1845275	3.25E-02	7.67E-01	4.67E-01	1.16E-02	2.75E-01	1.67E-01
253	473793.71, 3847730.61	5.50078	115.047	74.8615	0.0155188	0.3245704	0.2111998	3.93E-02	8.22E-01	5.35E-01	1.41E-02	2.94E-01	1.92E-01
254	473793.71, 3847755.61	7.18017	124.26	89.5577	0.0202568	0.3505633	0.2526608	5.13E-02	8.88E-01	6.40E-01	1.84E-02	3.18E-01	2.29E-01
255	473793.71, 3847780.61	9.73933	130.125	110.145	0.0274767	0.3671109	0.3107431	6.96E-02	9.30E-01	7.87E-01	2.49E-02	3.33E-01	2.82E-01
256	473818.71, 3847505.61	0.86662	17.1132	12.2717	0.0024449	0.04828	0.034621	6.19E-03	1.22E-01	8.77E-02	2.22E-03	4.38E-02	3.14E-02
257	473818.71, 3847530.61	1.02778	19.5974	13.5898	0.0028996	0.0552882	0.0383396	7.34E-03	1.40E-01	9.71E-02	2.63E-03	5.02E-02	3.48E-02
258	473818.71, 3847555.61	1.29739	27.8154	18.1062	0.0036602	0.0784729	0.0510813	9.27E-03	1.99E-01	1.29E-01	3.32E-03	7.12E-02	4.63E-02
259	473818.71, 3847580.61	1.55656	34.2536	21.595	0.0043914	0.0966366	0.0609239	1.11E-02	2.45E-01	1.54E-01	3.98E-03	8.77E-02	5.53E-02
260	473818.71, 3847605.61	1.92728	44.6502	27.5401	0.0054373	0.1259674	0.0776962	1.38E-02	3.19E-01	1.97E-01	4.93E-03	1.14E-01	7.05E-02
261	473818.71, 3847630.61	2.40818	58.4102	34.7071	0.006794	0.1647874	0.0979161	1.72E-02	4.17E-01	2.48E-01	6.16E-03	1.50E-01	8.88E-02
262	473818.71, 3847655.61	2.90696	71.5863	42.4345	0.0082011	0.2019598	0.1197166	2.08E-02	5.11E-01	3.03E-01	7.44E-03	1.83E-01	1.09E-01
263	473818.71, 3847680.61	3.47327	85.7199	50.6227	0.0097988	0.2418336	0.1428171	2.48E-02	6.12E-01	3.62E-01	8.89E-03	2.19E-01	1.30E-01
264	473818.71, 3847705.61	3.86426	95.0416	56.425	0.0109019	0.2681322	0.1591865	2.76E-02	6.79E-01	4.03E-01	9.89E-03	2.43E-01	1.44E-01
265	473818.71, 3847730.61	4.6505	107.154	66.0237	0.01312	0.3023034	0.1862665	3.32E-02	7.65E-01	4.72E-01	1.19E-02	2.74E-01	1.69E-01
266	473818.71, 3847755.61	6.01684	118.842	80.3602	0.0169748	0.335279	0.2267128	4.30E-02	8.49E-01	5.74E-01	1.54E-02	3.04E-01	2.06E-01
267	473818.71, 3847780.61	8.34532	129.059	101.728	0.0235439	0.3641011	0.2869956	5.96E-02	9.22E-01	7.27E-01	2.14E-02	3.30E-01	2.60E-01
268	473818.71, 3847805.61	10.912	133.218	117.494	0.0307851	0.3758345	0.331476	7.80E-02	9.52E-01	8.39E-01	2.79E-02	3.41E-01	3.01E-01
269	473843.71, 3847530.61	0.98129	18.0349	12.9946	0.0027684	0.0508802	0.0366606	7.01E-03	1.29E-01	9.28E-02	2.51E-03	4.62E-02	3.33E-02
270	473843.71, 3847555.61	1.16699	21.2222	14.345	0.0032923	0.0598724	0.0404703	8.34E-03	1.52E-01	1.02E-01	2.99E-03	5.43E-02	3.67E-02
271	473843.71, 3847580.61	1.38945	26.5315	17.575	0.0039199	0.0748507	0.0495828	9.93E-03	1.90E-01	1.26E-01	3.56E-03	6.79E-02	4.50E-02
272	473843.71, 3847605.61	1.73849	36.8297	22.8543	0.0049046	0.1039041	0.0644767	1.24E-02	2.63E-01	1.63E-01	4.45E-03	9.43E-02	5.85E-02
273	473843.71, 3847630.61	2.19089	50.0786	30.0795	0.006181	0.1412822	0.0848606	1.57E-02	3.58E-01	2.15E-01	5.61E-03	1.28E-01	7.70E-02
274	473843.71, 3847655.61	2.61257	60.774	35.6622	0.0073706	0.171456	0.1006105	1.87E-02	4.34E-01	2.55E-01	6.69E-03	1.56E-01	9.13E-02
275	473843.71, 3847680.61	3.13456	74.3426	43.9875	0.0088432	0.2097359	0.1240977	2.24E-02	5.31E-01	3.14E-01	8.02E-03	1.90E-01	1.13E-01
276	473843.71, 3847705.61	3.57044	86.7524	50.8063	0.010073	0.2447467	0.1433351	2.55E-02	6.20E-01	3.63E-01	9.14E-03	2.22E-01	1.30E-01
277	473843.71, 3847730.61	4.21232	99.5676	60.3674	0.0118838	0.280901	0.1703089	3.01E-02	7.11E-01	4.31E-01	1.08E-02	2.55E-01	1.55E-01
278	473843.71, 3847755.61	5.32952	113.946	73.6524	0.0150357	0.3214662	0.2077886	3.81E-02	8.14E-01	5.26E-01	1.36E-02	2.92E-01	1.89E-01
279	473843.71, 3847780.61	7.27351	125.558	90.6767	0.0205201	0.3542239	0.2558177	5.20E-02	8.97E-01	6.48E-01	1.86E-02	3.21E-01	2.32E-01
280	473843.71, 3847805.61	9.30279	131.068	109.066	0.0262451	0.3697709	0.3076966	6.65E-02	9.36E-01	7.79E-01	2.38E-02	3.36E-01	2.79E-01
281	473868.71, 3847530.61	0.96537	17.0713	12.3267	0.0027235	0.0481616	0.034776	6.90E-03	1.22E-01	8.81E-02	2.47E-03	4.37E-02	3.16E-02
282	473868.71, 3847555.61	1.09901	18.9776	13.421	0.0031005	0.0535397	0.0378633	7.85E-03	1.36E-01	9.59E-02	2.81E-03	4.86E-02	3.44E-02
283	473868.71, 3847580.61	1.30394	23.7565	15.6655	0.0036787	0.0670221	0.0441955	9.32E-03	1.70E-01	1.12E-01	3.34E-03	6.08E-02	4.01E-02
284	473868.71, 3847605.61	1.58192	30.2233	19.4174	0.0044629	0.0852662	0.0547804	1.13E-02	2.16E-01	1.39E-01	4.05E-03	7.74E-02	4.97E-02
285	473868.71, 3847630.61	1.98015	41.7892	25.0633	0.0055864	0.1178961	0.0707087	1.41E-02	2.99E-01	1.79E-01	5.07E-03	1.07E-01	6.42E-02
286	473868.71, 3847655.61	2.41254	53.6256	31.7841	0.0068063	0.1512888	0.0896696	1.72E-02	3.83E-01	2.27E-01	6.18E-03	1.37E-01	8.14E-02
287	473868.71, 3847680.61	2.93857	67.5193	39.0432	0.0082903	0.190486	0.110149	2.10E-02	4.82E-01	2.79E-01	7.52E-03	1.73E-01	9.99E-02
288	473868.71, 3847705.61	3.50592	81.4196	47.1592	0.0098909	0.2297016	0.133046	2.50E-02	5.82E-01	3.37E-01	8.97E-03	2.08E-01	1.21E-01
289	473868.71, 3847730.61	4.06356	94.4907	56.4552	0.0114641	0.266578	0.1592719	2.90E-02	6.75E-01	4.03E-01	1.04E-02	2.42E-01	1.45E-01
290	473868.71, 3847755.61	4.91411	108.598	68.5742	0.0138637	0.3063781	0.1934621	3.51E-02	7.76E-01	4.90E-01	1.26E-02	2.78E-01	1.76E-01
291	473868.71, 3847780.61	6.38195	121.426	83.1122	0.0180048	0.3425693	0.2344767	4.56E-02	8.67E-01	5.94E-01	1.63E-02	3.11E-01	2.13E-01
292	473868.71, 3847805.61	8.11617	129.096	98.9514	0.0228974	0.3642062	0.2791625	5.80E-02	9.22E-01	7.07E-01	2.08E-02	3.30E-01	2.53E-01
293	473868.71, 3847830.61	10.3916	133.685	115.656	0.029317	0.3771522	0.3262884	7.42E-02	9.55E-01	8.26E-01	2.66E-02	3.42E-01	2.96E-01
294	473893.71, 3847555.61	1.09456	18.645	13.1979	0.003088	0.0526015	0.0372339	7.82E-03	1.33E-01	9.43E-02	2.80E-03	4.77E-02	3.38E-02
295	473893.71, 3847580.61	1.25579	21.6679	14.6996	0.0035428	0.0611298	0.0414707	8.97E-03	1.55E-01	1.05E-01	3.21E-03	5.55E-02	3.76E-02
296	473893.71, 3847605.61	1.49152	27.5083	17.3929	0.0042079	0.0776066	0.0490688	1.07E-02	1.97E-01	1.24E-01	3.82E-03	7.04E-02	4.45E-02
297	473893.71, 3847630.61	1.81273	35.0794	21.2076	0.0051141	0.0989663	0.0598309	1.29E-02	2.51E-01	1.52E-01	4.64E-03	8.98E-02	5.43E-02
298	473893.71, 3847655.61	2.2982	49.28	29.1059	0.0064837	0.1390292	0.0821137	1.64E-02	3.52E-01	2.08E-01	5.88E-03	1.26E-01	7.45E-02
299	473893.71, 3847680.61	2.80935	63.1003	36.7583	0.0079258	0.178019	0.1037027	2.01E-02	4.51E-01	2.63E-01	7.19E-03	1.62E-01	9.41E-02
300	473893.71, 3847705.61	3.34107	76.1244	43.9358	0.0094259	0.2147629	0.1239519	2.39E-02	5.44E-01	3.14E-01	8.55E-03	1.95E-01	1.12E-01
301	473893.71, 3847730.61	3.93471	89.2776	51.8283	0.0111006	0.2518707	0.1462185	2.81E-02	6.38E-01	3.70E-01	1.01E-02	2.29E-01	1.33E-01
302	473893.71, 3847755.61	4.65309	103.79	63.6131	0.0131273	0.2928124	0.1794658	3.32E-02	7.41E-01	4.54E-01	1.19E-02	2.66E-01	1.63E-01
303	473893.71, 3847780.61	5.59034	114.604	74.3605	0.0157715	0.323323	0.2097865	3.99E-02	8.19E-01	5.31E-01	1.43E-02	2.93E-01	1.90E-01
304	473893.71, 3847805.61	7.04878	124.422	88.8202	0.0198861	0.351019	0.2505803	5.04E-02	8.89E-01	6.35E-01	1.80E-02	3.18E-01	2.27E-01
305	473893.71, 3847830.61	8.99656	130.598	106.275	0.0253812	0.3684446	0.2998237	6.43E-02	9.33E-01	7.59E-01	2.30E-02	3.34E-01	2.72E-01
306	473893.71, 3847855.61	11.689	136.531	122.029	0.032977	0.3851828	0.3442702	8.35E-02	9.75E-01	8.72E-01	2.99E-02	3.49E-01	3.12E-01
307	473918.71, 3847555.61	1.14478	20.0048	13.8889	0.0032297	0.0564376	0.0391836	8.18E-03	1.43E-01	9.92E-02	2.93E-03	5.12E-02	3.56E-02
308	473918.71, 3847580.61	1.26495	21.9418	14.7905	0.0035687	0.0619023	0.0417271	9.04E-03	1.57E-01	1.06E-01	3.24E-03	5.62E-02	3.79E-02
309	473918.71, 3847605.61	1.45087	24.8991	16.3134	0.0040932	0.0702457	0.0460234	1.04E-02	1.78E-01	1.17E-01	3.71E-03	6.37E-02	4.18E-02
310	473918.71, 3847630.61	1.7777	33.3092	20.3401	0.0050153	0.0939722	0.0573837	1.27E-02	2.38E-01	1.45E-01	4.55E-03	8.53E-02	5.21E-02
311	473918.71, 3847655.61	2.23424	46.2292	27.2659	0.0063033	0.1304221	0.0769227	1.60E-02	3.30E-01	1.95E-01	5.72E-03	1.18E-01	6.98E-02
312	473918.71, 3847680.61	2.67561	57.7348	33.8853	0.0075485	0.1628819	0.0955975	1.91E-02	4.12E-01	2.42E-01	6.85E-03	1.48E-01	8.67E-02
313	473918.71, 3847705.61	3.10675	68.1867	39.7223	0.0087648	0.1923689	0.1120649	2.22E-02	4.87E-01	2.84E-01	7.95E-03	1.75E-01	1.02E-01
314	473918.71, 3847730.61	3.57827	78.8749	45.8617	0.010095	0.2225226	0.1293853	2.56E-02	5.63E-01	3.28E-01	9.16E-03	2.02E-01	1.17E-01
315	473918.71, 3847755.61	4.15813	91.2051	54.2044	0.0117309	0.2573087	0.1529219	2.97E-02	6.52E-01	3.87E-01	1.06E-02	2.33E-01	1.39E-01

316	473918.71, 3847780.61	4.91553	105.443	66.6009	0.0138677	0.2974779	0.1878949	3.51E-02	7.53E-01	4.76E-01	1.26E-02	2.70E-01	1.70E-01
317	473918.71, 3847805.61	5.90353	116.16	77.3219	0.0166551	0.327712	0.2181411	4.22E-02	8.30E-01	5.52E-01	1.51E-02	2.97E-01	1.98E-01
318	473918.71, 3847830.61	7.77292	127.623	96.5611	0.021929	0.3600497	0.272419	5.55E-02	9.12E-01	6.90E-01	1.99E-02	3.27E-01	2.47E-01
319	473918.71, 3847855.61	9.9802	133.04	112.325	0.0281562	0.3753343	0.3168931	7.13E-02	9.50E-01	8.02E-01	2.55E-02	3.41E-01	2.88E-01
320	473943.71, 3847580.61	1.32947	23.1412	15.682	0.0037507	0.0652862	0.0442422	9.50E-03	1.65E-01	1.12E-01	3.40E-03	5.92E-02	4.01E-02
321	473943.71, 3847605.61	1.54407	27.2705	18.0487	0.0043561	0.0769356	0.050919	1.10E-02	1.95E-01	1.29E-01	3.95E-03	6.98E-02	4.62E-02
322	473943.71, 3847630.61	1.84574	34.7633	22.3361	0.0052072	0.0980744	0.0630149	1.32E-02	2.48E-01	1.60E-01	4.72E-03	8.90E-02	5.72E-02
323	473943.71, 3847655.61	2.17186	42.8584	26.7503	0.0061273	0.1209125	0.0754682	1.55E-02	3.06E-01	1.91E-01	5.56E-03	1.10E-01	6.85E-02
324	473943.71, 3847680.61	2.4836	50.2813	30.8821	0.0070068	0.1418541	0.0871249	1.77E-02	3.59E-01	2.21E-01	6.36E-03	1.29E-01	7.91E-02
325	473943.71, 3847705.61	2.80607	57.7788	34.6149	0.0079165	0.1630059	0.0976558	2.00E-02	4.13E-01	2.47E-01	7.18E-03	1.48E-01	8.86E-02
326	473943.71, 3847730.61	3.16804	65.9801	39.0505	0.0089377	0.1861437	0.1101695	2.26E-02	4.71E-01	2.79E-01	8.11E-03	1.69E-01	1.00E-01
327	473943.71, 3847755.61	3.65046	76.8394	45.8203	0.0102987	0.21678	0.1292686	2.61E-02	5.49E-01	3.27E-01	9.34E-03	1.97E-01	1.17E-01
328	473943.71, 3847780.61	4.32757	91.6153	55.811	0.012209	0.2584657	0.1574544	3.09E-02	6.54E-01	3.99E-01	1.11E-02	2.35E-01	1.43E-01
329	473943.71, 3847805.61	5.22339	107.378	69.4622	0.0147363	0.3029368	0.1959673	3.73E-02	7.67E-01	4.96E-01	1.34E-02	2.75E-01	1.78E-01
330	473943.71, 3847830.61	6.61678	119.87	83.0734	0.0186673	0.338179	0.2343672	4.73E-02	8.56E-01	5.93E-01	1.69E-02	3.07E-01	2.13E-01
331	473943.71, 3847855.61	8.62821	128.901	104.062	0.024342	0.3636555	0.2935796	6.16E-02	9.21E-01	7.43E-01	2.21E-02	3.30E-01	2.66E-01
332	473943.71, 3847880.61	11.1094	135.564	117.916	0.0313419	0.3824541	0.3326645	7.94E-02	9.68E-01	8.42E-01	2.84E-02	3.47E-01	3.02E-01
333	473968.71, 3847605.61	1.54901	26.9749	18.6515	0.0043701	0.0761019	0.0526196	1.11E-02	1.93E-01	1.33E-01	3.97E-03	6.91E-02	4.77E-02
334	473968.71, 3847630.61	1.7105	29.2403	19.8552	0.0048257	0.0824929	0.0560157	1.22E-02	2.09E-01	1.42E-01	4.38E-03	7.48E-02	5.08E-02
335	473968.71, 3847655.61	1.87819	32.2749	20.9396	0.0052988	0.0910541	0.0590749	1.34E-02	2.31E-01	1.50E-01	4.81E-03	8.26E-02	5.36E-02
336	473968.71, 3847680.61	2.12048	37.6645	23.4868	0.0059823	0.1062593	0.066261	1.51E-02	2.69E-01	1.68E-01	5.43E-03	9.64E-02	6.01E-02
337	473968.71, 3847705.61	2.43673	45.1928	27.7323	0.0068745	0.1274982	0.0782387	1.74E-02	3.23E-01	1.98E-01	6.24E-03	1.16E-01	7.10E-02
338	473968.71, 3847730.61	2.78331	53.309	32.2866	0.0078523	0.1503958	0.0910872	1.99E-02	3.81E-01	2.31E-01	7.12E-03	1.36E-01	8.26E-02
339	473968.71, 3847755.61	3.23885	64.1439	39.3201	0.0091375	0.1809633	0.1109301	2.31E-02	4.58E-01	2.81E-01	8.29E-03	1.64E-01	1.01E-01
340	473968.71, 3847780.61	3.83715	77.9359	48.0275	0.0108254	0.2198734	0.1354957	2.74E-02	5.57E-01	3.43E-01	9.82E-03	1.99E-01	1.23E-01
341	473968.71, 3847805.61	4.47753	91.3199	56.2158	0.012632	0.2576323	0.1585964	3.20E-02	6.52E-01	4.02E-01	1.15E-02	2.34E-01	1.44E-01
342	473968.71, 3847830.61	5.65169	110.152	72.973	0.0159446	0.3107609	0.205872	4.04E-02	7.87E-01	5.21E-01	1.45E-02	2.82E-01	1.87E-01
343	473968.71, 3847855.61	7.28406	122.928	90.2249	0.0205498	0.3468046	0.2545432	5.20E-02	8.78E-01	6.45E-01	1.86E-02	3.15E-01	2.31E-01
344	473968.71, 3847880.61	9.40235	130.973	109.679	0.026526	0.3695021	0.3094279	6.72E-02	9.36E-01	7.84E-01	2.41E-02	3.35E-01	2.81E-01
345	473993.71, 3847605.61	1.37795	21.2476	15.1153	0.0038875	0.059944	0.0426434	9.84E-03	1.52E-01	1.08E-01	3.53E-03	5.44E-02	3.87E-02
346	473993.71, 3847630.61	1.42383	20.1596	14.0511	0.0040169	0.0568745	0.0396411	1.02E-02	1.44E-01	1.00E-01	3.64E-03	5.16E-02	3.60E-02
347	473993.71, 3847655.61	1.47091	19.0247	13.5052	0.0041497	0.0536727	0.038101	1.05E-02	1.36E-01	9.65E-02	3.77E-03	4.87E-02	3.46E-02
348	473993.71, 3847680.61	1.74987	25.1039	16.6762	0.0049367	0.0708234	0.047047	1.25E-02	1.79E-01	1.19E-01	4.48E-03	6.43E-02	4.27E-02
349	473993.71, 3847705.61	2.13347	34.7327	22.2051	0.006019	0.0979881	0.0626452	1.52E-02	2.48E-01	1.59E-01	5.46E-03	8.89E-02	5.68E-02
350	473993.71, 3847730.61	2.52163	44.387	28.2205	0.007114	0.1252249	0.0796158	1.80E-02	3.17E-01	2.02E-01	6.45E-03	1.14E-01	7.22E-02
351	473993.71, 3847755.61	2.96536	55.1447	34.9294	0.0083659	0.1555746	0.098543	2.12E-02	3.94E-01	2.50E-01	7.59E-03	1.41E-01	8.94E-02
352	473993.71, 3847780.61	3.49324	67.5247	43.1026	0.0098552	0.1905011	0.1216013	2.50E-02	4.82E-01	3.08E-01	8.94E-03	1.73E-01	1.10E-01
353	473993.71, 3847805.61	4.00216	78.2513	49.2378	0.0112909	0.2207632	0.1389102	2.86E-02	5.59E-01	3.52E-01	1.02E-02	2.00E-01	1.26E-01
354	473993.71, 3847830.61	4.99098	98.4657	62.5083	0.0140806	0.2777923	0.1763489	3.57E-02	7.03E-01	4.47E-01	1.28E-02	2.52E-01	1.60E-01
355	473993.71, 3847855.61	6.0058	111.84	76.9445	0.0169436	0.3155246	0.2170764	4.29E-02	7.99E-01	5.50E-01	1.54E-02	2.86E-01	1.97E-01
356	473993.71, 3847880.61	7.71081	124.465	95.8311	0.0217538	0.3511421	0.2703595	5.51E-02	8.89E-01	6.85E-01	1.97E-02	3.19E-01	2.45E-01
357	473993.71, 3847905.61	10.3531	133.099	114.685	0.0292082	0.3754989	0.3235496	7.40E-02	9.51E-01	8.19E-01	2.65E-02	3.41E-01	2.94E-01
358	474018.71, 3847630.61	1.28176	15.7837	12.0041	0.0036161	0.044529	0.033866	9.16E-03	1.13E-01	8.58E-02	3.28E-03	4.04E-02	3.07E-02
359	474018.71, 3847655.61	1.33113	15.4562	11.8605	0.0037554	0.0436051	0.033461	9.51E-03	1.10E-01	8.47E-02	3.41E-03	3.96E-02	3.04E-02
360	474018.71, 3847680.61	1.62729	21.3318	14.7233	0.0045909	0.0601814	0.0415376	1.16E-02	1.52E-01	1.05E-01	4.17E-03	5.46E-02	3.77E-02
361	474018.71, 3847705.61	1.90706	27.1749	18.2155	0.0053802	0.0766662	0.0513898	1.36E-02	1.94E-01	1.30E-01	4.88E-03	6.96E-02	4.66E-02
362	474018.71, 3847730.61	2.28044	36.2391	24.1386	0.0064336	0.1022381	0.0680999	1.63E-02	2.59E-01	1.72E-01	5.84E-03	9.28E-02	6.18E-02
363	474018.71, 3847755.61	2.73251	47.3186	31.2462	0.007709	0.1334957	0.0881519	1.95E-02	3.38E-01	2.23E-01	6.99E-03	1.21E-01	8.00E-02
364	474018.71, 3847780.61	3.24903	59.5002	39.3099	0.0091662	0.1678626	0.1109014	2.32E-02	4.25E-01	2.81E-01	8.32E-03	1.52E-01	1.01E-01
365	474018.71, 3847805.61	3.89323	74.0209	48.6857	0.0109836	0.2088284	0.1373523	2.78E-02	5.29E-01	3.48E-01	9.97E-03	1.89E-01	1.25E-01
366	474018.71, 3847830.61	4.46957	85.7127	55.5714	0.0126096	0.2418134	0.1567785	3.19E-02	6.12E-01	3.97E-01	1.14E-02	2.19E-01	1.42E-01
367	474018.71, 3847855.61	5.21438	99.2182	64.9989	0.0147109	0.2799151	0.1833755	3.73E-02	7.09E-01	4.64E-01	1.33E-02	2.54E-01	1.66E-01
368	474018.71, 3847880.61	6.38203	113.525	81.6358	0.018005	0.320279	0.2303117	4.56E-02	8.11E-01	5.83E-01	1.63E-02	2.91E-01	2.09E-01
369	474018.71, 3847905.61	8.63195	127.48	104.153	0.0243525	0.3596481	0.2938379	6.17E-02	9.11E-01	7.44E-01	2.21E-02	3.26E-01	2.67E-01
370	474018.71, 3847930.61	11.3016	135.23	121.101	0.031884	0.3815132	0.3416512	8.07E-02	9.66E-01	8.65E-01	2.89E-02	3.46E-01	3.10E-01
371	474043.71, 3847630.61	1.22536	14.1008	11.1548	0.003457	0.0397812	0.0314701	8.75E-03	1.01E-01	7.97E-02	3.14E-03	3.61E-02	2.86E-02
372	474043.71, 3847655.61	1.28458	14.1927	11.1972	0.0036241	0.0400406	0.0315897	9.18E-03	1.01E-01	8.00E-02	3.29E-03	3.63E-02	2.87E-02
373	474043.71, 3847680.61	1.51228	17.8717	13.1276	0.0042665	0.0504198	0.0370356	1.08E-02	1.28E-01	9.38E-02	3.87E-03	4.57E-02	3.36E-02
374	474043.71, 3847705.61	1.72643	21.825	15.0881	0.0048706	0.0615729	0.0425666	1.23E-02	1.56E-01	1.08E-01	4.42E-03	5.59E-02	3.86E-02
375	474043.71, 3847730.61	1.98391	26.8387	18.4351	0.005597	0.0757175	0.0520092	1.42E-02	1.92E-01	1.32E-01	5.08E-03	6.87E-02	4.72E-02
376	474043.71, 3847755.61	2.3638	35.7924	24.2105	0.0066688	0.1009779	0.0683027	1.69E-02	2.56E-01	1.73E-01	6.05E-03	9.16E-02	6.20E-02
377	474043.71, 3847780.61	2.90662	48.9604	33.6783	0.0082002	0.1381275	0.0950134	2.08E-02	3.50E-01	2.41E-01	7.44E-03	1.25E-01	8.62E-02
378	474043.71, 3847805.61	3.51198	62.7862	42.6202	0.009908	0.1771329	0.1202405	2.51E-02	4.49E-01	3.04E-01	8.99E-03	1.61E-01	1.09E-01
379	474043.71, 3847830.61	3.9856	72.6743	48.9903	0.0112442	0.2050292	0.1382119	2.85E-02	5.19E-01	3.50E-01	1.02E-02	1.86E-01	1.25E-01
380	474043.71, 3847855.61	4.71934	87.5624	58.2901	0.0133142	0.2470319	0.1644485	3.37E-02	6.26E-01	4.16E-01	1.21E-02	2.24E-01	1.49E-01
381	474043.71, 3847880.61	5.76829	105.074	71.9993	0.0162735	0.2964356	0.2031251	4.12E-02	7.51E-01	5.14E-01	1.48E-02	2.69E-01	1.84E-01
382	474043.71, 3847905.61	7.36464	118.295	90.9867	0.0207772	0.3337353	0.2566923	5.26E-02	8.45E-01	6.50E-01	1.89E-02	3.03E-01	2.33E-01
383	474043.71, 3847930.61	9.53656	128.162	110.824	0.0269046	0.3615703	0.3126587	6.81E-02	9.16E-01	7.92E-01	2.44E-02	3.28E-01	2.84E-01
384	474068.71, 3847655.61	1.24103	12.8042	10.2424	0.0035012	0.0361233	0.028896	8.87E-03	9.15E-02	7.32E-02	3.18E-03	3.28E-02	2.62E-02
385	474068.71, 3847680.61	1.39687	15.1883	12.0383	0.0039409	0.0428492	0.0339624	9.98E-03	1.09E-01	8.60E-02	3.58E-03	3.89E-02	3.08E-02
386	474068.71, 3847705.61	1.59321	18.2224	13.4799	0.0044948	0.0514091	0.0380295	1.14E-02	1.30E-01	9.63E-02	4.08E-03	4.66E-02	3.45E-02
387	474068.71, 3847730.61	1.72484	19.6808	14.1487	0.0048661	0.0555235	0.0399164	1.23E-02	1.41E-01	1.01E-01	4.42E-03	5.04E-02	3.62E-02
388	474068.71, 3847755.61	1.97605	24.2777	17.04	0.0055748	0.0684923	0.0480734	1.41E-02	1.73E-01	1.22E-01	5.06E-03	6.21E-02	4.36E-02
389	474068.71, 3847780.61	2.50999	37.1846	26.4924	0.0070812	0.1049055	0.0747406	1.79E-02	2.66E-01	1.89E-01	6.43E-03	9.52E-02	6.78E-02
390	474068.71, 3847805.61	3.04423	49.5508	34.8658	0.0085884	0.1397932	0.0983636	2.17E-02	3.54E-01	2.49E-01	7.79E-03	1.27E-01	8.92E-02
391	474068.71, 3847830.61	3.54569	60.4309	42.6175	0.0100031	0.1704882	0.1202329	2.53E-02	4.32E-01	3.04E-01	9.08E-03	1.55E-01	1.09E-01
392	474068.71, 3847855.61	4.21388	74.4916	51.6798	0.0118882	0.2101564	0.1457994	3.01E-02	5.32E-01	3.69E-01	1.08E-02	1.91E-01	1.32E-01
393	474068.71, 3847880.61	5.10543	92.0202	63.9222	0.0144035	0.2596081	0.1803379	3.65E-02	6.57E-01	4.57E-01	1.31E-02	2.36E-01	1.64E-01
394	474068.71, 3847905.61	6.29275	108.757	77.6542	0.0177532	0.3068258	0.2190788	4.50E-02	7.77E-01	5.55E-01	1.61E-02	2.78E-01	1.99E-01
395	474068.71, 3847930.61	8.20425	121.119	100.627	0.0231459	0.341702	0.2838896	5.86E-02	8.65E-01	7.19E-01	2.10E-02	3.10E-01	2.58E-01

396	474068.71, 3847955.61	10.2992	129.376	116.8	0.029056	0.3649962	0.3295157	7.36E-02	9.24E-01	8.34E-01	2.64E-02	3.31E-01	2.99E-01
397	474093.71, 3847655.61	1.26798	13.8319	11.0026	0.0035772	0.0390228	0.0310405	9.06E-03	9.88E-02	7.86E-02	3.25E-03	3.54E-02	2.82E-02
398	474093.71, 3847680.61	1.3803	14.8665	11.8139	0.0038941	0.0419413	0.0333295	9.86E-03	1.06E-01	8.44E-02	3.53E-03	3.81E-02	3.02E-02
399	474093.71, 3847705.61	1.47553	15.2704	12.241	0.0041628	0.0430811	0.0345343	1.05E-02	1.09E-01	8.74E-02	3.78E-03	3.91E-02	3.13E-02
400	474093.71, 3847730.61	1.64675	17.7033	13.3864	0.0046458	0.0499447	0.0377657	1.18E-02	1.26E-01	9.56E-02	4.22E-03	4.53E-02	3.43E-02
401	474093.71, 3847755.61	1.89504	22.0842	16.2109	0.0053463	0.0623041	0.0457342	1.35E-02	1.58E-01	1.16E-01	4.85E-03	5.65E-02	4.15E-02
402	474093.71, 3847780.61	2.24117	29.1417	21.4045	0.0063228	0.0822148	0.0603867	1.60E-02	2.08E-01	1.53E-01	5.74E-03	7.46E-02	5.48E-02
403	474093.71, 3847805.61	2.71137	39.9003	29.5591	0.0076493	0.1125671	0.0833923	1.94E-02	2.85E-01	2.11E-01	6.94E-03	1.02E-01	7.57E-02
404	474093.71, 3847830.61	3.20186	50.6222	37.2907	0.0090331	0.1428156	0.1052047	2.29E-02	3.62E-01	2.66E-01	8.20E-03	1.30E-01	9.55E-02
405	474093.71, 3847855.61	3.83113	63.9906	46.5355	0.0108084	0.1805309	0.1312862	2.74E-02	4.57E-01	3.32E-01	9.81E-03	1.64E-01	1.19E-01
406	474093.71, 3847880.61	4.59309	79.3553	57.6378	0.0129581	0.2238777	0.1626082	3.28E-02	5.67E-01	4.12E-01	1.18E-02	2.03E-01	1.48E-01
407	474093.71, 3847905.61	5.55323	97.0849	69.9521	0.0156668	0.2738967	0.1973494	3.97E-02	6.94E-01	5.00E-01	1.42E-02	2.49E-01	1.79E-01
408	474093.71, 3847930.61	7.00889	112.359	85.3379	0.0197735	0.3169895	0.2407559	5.01E-02	8.03E-01	6.10E-01	1.79E-02	2.88E-01	2.18E-01
409	474093.71, 3847955.61	8.88557	120.979	106.626	0.025068	0.3413061	0.3008129	6.35E-02	8.64E-01	7.62E-01	2.27E-02	3.10E-01	2.73E-01
410	474093.71, 3847980.61	11.0635	131.163	121.722	0.0312125	0.3700385	0.3434019	7.90E-02	9.37E-01	8.70E-01	2.83E-02	3.36E-01	3.12E-01
411	474118.71, 3847680.61	1.37628	14.9839	11.9587	0.0038828	0.0422726	0.033738	9.83E-03	1.07E-01	8.54E-02	3.52E-03	3.84E-02	3.06E-02
412	474118.71, 3847705.61	1.52857	17.1585	13.4421	0.0043124	0.0484076	0.037923	1.09E-02	1.23E-01	9.60E-02	3.91E-03	4.39E-02	3.44E-02
413	474118.71, 3847730.61	1.67059	18.1803	14.2728	0.0047131	0.0512903	0.0402666	1.19E-02	1.30E-01	1.02E-01	4.28E-03	4.65E-02	3.65E-02
414	474118.71, 3847755.61	1.88023	21.6779	16.8365	0.0053045	0.0611578	0.0474992	1.34E-02	1.55E-01	1.20E-01	4.81E-03	5.55E-02	4.31E-02
415	474118.71, 3847780.61	2.1397	26.1427	20.3485	0.0060365	0.0737541	0.0574074	1.53E-02	1.87E-01	1.45E-01	5.48E-03	6.69E-02	5.21E-02
416	474118.71, 3847805.61	2.4454	32.3766	25.197	0.006899	0.0913412	0.0710859	1.75E-02	2.31E-01	1.80E-01	6.26E-03	8.29E-02	6.45E-02
417	474118.71, 3847830.61	2.97281	44.1116	33.5244	0.0083869	0.1244479	0.0945792	2.12E-02	3.15E-01	2.39E-01	7.61E-03	1.13E-01	8.58E-02
418	474118.71, 3847855.61	3.5626	56.5593	42.6767	0.0100508	0.1595655	0.1204	2.55E-02	4.04E-01	3.05E-01	9.12E-03	1.45E-01	1.09E-01
419	474118.71, 3847880.61	4.15816	68.1842	51.2855	0.011731	0.1923618	0.1446871	2.97E-02	4.87E-01	3.66E-01	1.06E-02	1.75E-01	1.31E-01
420	474118.71, 3847905.61	4.90734	82.6482	62.1681	0.0138446	0.2331678	0.175389	3.51E-02	5.90E-01	4.44E-01	1.26E-02	2.12E-01	1.59E-01
421	474118.71, 3847930.61	6.17853	102.725	74.8545	0.0174309	0.2898087	0.21118	4.41E-02	7.34E-01	5.35E-01	1.58E-02	2.63E-01	1.92E-01
422	474118.71, 3847955.61	7.73745	115.243	93.6951	0.021829	0.3251251	0.2643332	5.53E-02	8.23E-01	6.69E-01	1.98E-02	2.95E-01	2.40E-01
423	474118.71, 3847980.61	9.38082	122.287	110.787	0.0264652	0.3449973	0.3125542	6.70E-02	8.74E-01	7.91E-01	2.40E-02	3.13E-01	2.84E-01
424	474143.71, 3847680.61	1.34112	14.394	11.5309	0.0037836	0.0406085	0.032531	9.58E-03	1.03E-01	8.24E-02	3.43E-03	3.68E-02	2.95E-02
425	474143.71, 3847705.61	1.46125	15.5301	12.483	0.0041225	0.0438137	0.0352172	1.04E-02	1.11E-01	8.92E-02	3.74E-03	3.98E-02	3.20E-02
426	474143.71, 3847730.61	1.5083	14.1968	11.7623	0.0042552	0.040052	0.0331839	1.08E-02	1.01E-01	8.40E-02	3.86E-03	3.63E-02	3.01E-02
427	474143.71, 3847755.61	1.64292	15.7632	13.0162	0.004635	0.0444712	0.0367213	1.17E-02	1.13E-01	9.30E-02	4.21E-03	4.04E-02	3.33E-02
428	474143.71, 3847780.61	1.90408	20.441	16.4747	0.0053718	0.0576684	0.0464784	1.36E-02	1.46E-01	1.18E-01	4.87E-03	5.23E-02	4.22E-02
429	474143.71, 3847805.61	2.2016	26.0615	21.2213	0.0062112	0.073525	0.0598696	1.57E-02	1.86E-01	1.52E-01	5.64E-03	6.67E-02	5.43E-02
430	474143.71, 3847830.61	2.73711	37.7397	29.9269	0.007722	0.1064717	0.0844301	1.96E-02	2.70E-01	2.14E-01	7.01E-03	9.66E-02	7.66E-02
431	474143.71, 3847855.61	3.28408	49.4152	39.0226	0.0092651	0.1394106	0.1100908	2.35E-02	3.53E-01	2.79E-01	8.41E-03	1.26E-01	9.99E-02
432	474143.71, 3847880.61	3.87494	61.1522	47.5748	0.010932	0.1725232	0.1342183	2.77E-02	4.37E-01	3.40E-01	9.92E-03	1.57E-01	1.22E-01
433	474143.71, 3847905.61	4.5459	73.603	56.8842	0.0128249	0.2076495	0.1604823	3.25E-02	5.26E-01	4.06E-01	1.16E-02	1.88E-01	1.46E-01
434	474143.71, 3847930.61	5.34757	87.7298	67.6815	0.0150866	0.247504	0.1909437	3.82E-02	6.27E-01	4.84E-01	1.37E-02	2.25E-01	1.73E-01
435	474143.71, 3847955.61	6.47579	104.35	78.9624	0.0182696	0.2943942	0.2227694	4.63E-02	7.45E-01	5.64E-01	1.66E-02	2.67E-01	2.02E-01
436	474143.71, 3847980.61	8.07216	116.363	99.8073	0.0227732	0.3282856	0.2815772	5.77E-02	8.31E-01	7.13E-01	2.07E-02	2.98E-01	2.55E-01
437	474143.71, 3848005.61	9.87814	123.646	114.826	0.0278683	0.3488313	0.3239473	7.06E-02	8.83E-01	8.20E-01	2.53E-02	3.17E-01	2.94E-01
438	474168.71, 3847705.61	1.38079	13.8441	11.2979	0.0038955	0.039057	0.0318737	9.86E-03	9.89E-02	8.07E-02	3.53E-03	3.54E-02	2.89E-02
439	474168.71, 3847730.61	1.41869	12.5093	10.5691	0.0040024	0.0352912	0.0298176	1.01E-02	8.94E-02	7.55E-02	3.63E-03	3.20E-02	2.71E-02
440	474168.71, 3847755.61	1.54805	13.678	11.7809	0.0043674	0.0385885	0.0332364	1.11E-02	9.77E-02	8.42E-02	3.96E-03	3.50E-02	3.02E-02
441	474168.71, 3847780.61	1.80258	17.9469	15.37	0.0050855	0.0506319	0.043362	1.29E-02	1.28E-01	1.10E-01	4.61E-03	4.59E-02	3.93E-02
442	474168.71, 3847805.61	2.10552	24.2128	20.2908	0.0059401	0.0683095	0.0572446	1.50E-02	1.73E-01	1.45E-01	5.39E-03	6.20E-02	5.19E-02
443	474168.71, 3847830.61	2.5524	33.6625	27.436	0.0072009	0.0949689	0.0774025	1.82E-02	2.40E-01	1.96E-01	6.53E-03	8.62E-02	7.02E-02
444	474168.71, 3847855.61	3.02641	43.2328	34.7062	0.0085381	0.1219688	0.0979133	2.16E-02	3.09E-01	2.48E-01	7.75E-03	1.11E-01	8.88E-02
445	474168.71, 3847880.61	3.5584	53.8225	42.9208	0.010039	0.1518444	0.1210886	2.54E-02	3.84E-01	3.07E-01	9.11E-03	1.38E-01	1.10E-01
446	474168.71, 3847905.61	4.15119	64.7694	52.1555	0.0117114	0.1827281	0.1471415	2.97E-02	4.63E-01	3.73E-01	1.06E-02	1.66E-01	1.34E-01
447	474168.71, 3847930.61	4.78232	76.0905	61.3688	0.0134919	0.214667	0.1731343	3.42E-02	5.44E-01	4.38E-01	1.22E-02	1.95E-01	1.57E-01
448	474168.71, 3847955.61	5.457	88.8745	70.5416	0.0153953	0.2507334	0.1990125	3.90E-02	6.35E-01	5.04E-01	1.40E-02	2.27E-01	1.81E-01
449	474168.71, 3847980.61	7.03388	108.426	88.1049	0.019844	0.305891	0.2485624	5.02E-02	7.75E-01	6.29E-01	1.80E-02	2.78E-01	2.26E-01
450	474168.71, 3848005.61	8.54266	114.851	106.172	0.0241006	0.3240185	0.2995322	6.10E-02	8.20E-01	7.58E-01	2.19E-02	2.94E-01	2.72E-01
451	474168.71, 3848030.61	10.1483	126.619	118.854	0.0286304	0.3572189	0.3353114	7.25E-02	9.05E-01	8.49E-01	2.60E-02	3.24E-01	3.04E-01
452	474193.71, 3847705.61	1.33341	13.1095	10.8019	0.0037618	0.0369847	0.0304745	9.53E-03	9.37E-02	7.72E-02	3.41E-03	3.36E-02	2.77E-02
453	474193.71, 3847730.61	1.43957	13.9682	11.7433	0.0040613	0.0394071	0.0331302	1.03E-02	9.98E-02	8.39E-02	3.68E-03	3.58E-02	3.01E-02
454	474193.71, 3847755.61	1.54101	13.8333	12.122	0.0043475	0.0390266	0.0341987	1.10E-02	9.88E-02	8.66E-02	3.94E-03	3.54E-02	3.10E-02
455	474193.71, 3847780.61	1.72021	17.0342	14.744	0.0048531	0.048057	0.0415958	1.23E-02	1.22E-01	1.05E-01	4.40E-03	4.36E-02	3.77E-02
456	474193.71, 3847805.61	2.01341	22.8723	19.0902	0.0056802	0.0645274	0.0538573	1.44E-02	1.63E-01	1.36E-01	5.15E-03	5.85E-02	4.89E-02
457	474193.71, 3847830.61	2.46666	32.8046	26.7352	0.006959	0.0925485	0.0754256	1.76E-02	2.34E-01	1.91E-01	6.31E-03	8.40E-02	6.84E-02
458	474193.71, 3847855.61	2.88997	40.7847	32.8131	0.0081532	0.1150622	0.0925724	2.06E-02	2.91E-01	2.34E-01	7.40E-03	1.04E-01	8.40E-02
459	474193.71, 3847880.61	3.30807	48.6437	39.0517	0.0093328	0.1372341	0.110173	2.36E-02	3.47E-01	2.79E-01	8.47E-03	1.25E-01	1.00E-01
460	474193.71, 3847905.61	3.72808	56.2065	46.5118	0.0105177	0.1585702	0.1312196	2.66E-02	4.02E-01	3.32E-01	9.54E-03	1.44E-01	1.19E-01
461	474193.71, 3847930.61	4.19622	65.8019	54.4597	0.0118384	0.1856408	0.1536423	3.00E-02	4.70E-01	3.89E-01	1.07E-02	1.68E-01	1.39E-01
462	474193.71, 3847955.61	5.03841	79.6786	65.7004	0.0142144	0.2247899	0.1853546	3.60E-02	5.69E-01	4.69E-01	1.29E-02	2.04E-01	1.68E-01
463	474193.71, 3847980.61	6.13545	94.93	76.4085	0.0173094	0.2678171	0.2155643	4.38E-02	6.78E-01	5.46E-01	1.57E-02	2.43E-01	1.96E-01
464	474193.71, 3848005.61	7.38687	109.607	92.9101	0.0208399	0.3092237	0.2621186	5.28E-02	7.83E-01	6.64E-01	1.89E-02	2.81E-01	2.38E-01
465	474193.71, 3848030.61	8.61647	117.049	108.885	0.0243089	0.3302207	0.3071866	6.16E-02	8.36E-01	7.78E-01	2.21E-02	3.00E-01	2.79E-01
466	474193.71, 3848055.61	10.2797	129.183	122.328	0.0290011	0.3644527	0.3451133	7.34E-02	9.23E-01	8.74E-01	2.63E-02	3.31E-01	3.13E-01
467	474218.71, 3847730.61	1.44077	14.7164	12.3527	0.0040647	0.041518	0.0348495	1.03E-02	1.05E-01	8.82E-02	3.69E-03	3.77E-02	3.16E-02
468	474218.71, 3847755.61	1.57737	16.4979	13.9526	0.0044501	0.046544	0.0393633	1.13E-02	1.18E-01	9.97E-02	4.04E-03	4.22E-02	3.57E-02
469	474218.71, 3847780.61	1.75556	19.6835	16.3764	0.0049528	0.0555312	0.0462011	1.25E-02	1.41E-01	1.17E-01	4.49E-03	5.04E-02	4.19E-02
470	474218.71, 3847805.61	1.95423	22.5803	18.3796	0.0055133	0.0637037	0.0518527	1.40E-02	1.61E-01	1.31E-01	5.00E-03	5.78E-02	4.70E-02
471	474218.71, 3847830.61	2.34475	31.1495	25.1586	0.006615	0.0878791	0.0709776	1.68E-02	2.23E-01	1.80E-01	6.00E-03	7.97E-02	6.44E-02
472	474218.71, 3847855.61	2.67411	37.1606	30.1316	0.0075442	0.1048376	0.0850074	1.91E-02	2.65E-01	2.15E-01	6.85E-03	9.51E-02	7.71E-02
473	474218.71, 3847880.61	3.00635	43.2472	35.0594	0.0084815	0.1220094	0.0989099	2.15E-02	3.09E-01	2.50E-01	7.70E-03	1.11E-01	8.97E-02
474	474218.71, 3847905.61	3.41297	51.3352	42.3952	0.0096287	0.1448274	0.1196057	2.44E-02	3.67E-01	3.03E-01	8.74E-03	1.31E-01	1.09E-01
475	474218.71, 3847930.61	3.90377	59.9821	50.2094	0.0110133	0.169222	0.1416512	2.79E-02	4.28E-01	3.59E-01	9.99E-03	1.54E-01	1.29E-01

476	474218.71, 3847955.61	4.56793	71.3606	60.3366	0.0128871	0.201323	0.1702221	3.26E-02	5.10E-01	4.31E-01	1.17E-02	1.83E-01	1.54E-01
477	474218.71, 3847980.61	5.31004	82.5106	69.4787	0.0149807	0.2327795	0.1960138	3.79E-02	5.89E-01	4.96E-01	1.36E-02	2.11E-01	1.78E-01
478	474218.71, 3848005.61	6.04401	94.6171	79.1902	0.0170514	0.2669346	0.2234121	4.32E-02	6.76E-01	5.66E-01	1.55E-02	2.42E-01	2.03E-01
479	474218.71, 3848030.61	7.2003	109.437	96.1289	0.0203135	0.3087433	0.2711997	5.14E-02	7.82E-01	6.87E-01	1.84E-02	2.80E-01	2.46E-01
480	474218.71, 3848055.61	8.82503	120.163	111.801	0.0248972	0.3390053	0.3154128	6.30E-02	8.58E-01	7.99E-01	2.26E-02	3.08E-01	2.86E-01
481	474218.71, 3848080.61	10.5009	130.574	123.526	0.0296252	0.3683765	0.3484925	7.50E-02	9.33E-01	8.82E-01	2.69E-02	3.34E-01	3.16E-01
482	474243.71, 3847755.61	1.54264	16.2151	13.788	0.0043521	0.0457462	0.0388987	1.10E-02	1.16E-01	9.85E-02	3.95E-03	4.15E-02	3.53E-02
483	474243.71, 3847780.61	1.70114	19.0137	16.0172	0.0047993	0.0536416	0.0451878	1.22E-02	1.36E-01	1.14E-01	4.35E-03	4.87E-02	4.10E-02
484	474243.71, 3847805.61	1.88724	22.5641	18.4417	0.0053243	0.0636579	0.0520278	1.35E-02	1.61E-01	1.32E-01	4.83E-03	5.78E-02	4.72E-02
485	474243.71, 3847830.61	2.19421	28.5758	22.7681	0.0061903	0.0806181	0.0642335	1.57E-02	2.04E-01	1.63E-01	5.62E-03	7.31E-02	5.83E-02
486	474243.71, 3847855.61	2.47478	33.7494	27.2246	0.0069819	0.0952142	0.0768062	1.77E-02	2.41E-01	1.94E-01	6.33E-03	8.64E-02	6.97E-02
487	474243.71, 3847880.61	2.81017	41.0045	32.9905	0.0079281	0.1156823	0.0930731	2.01E-02	2.93E-01	2.36E-01	7.19E-03	1.05E-01	8.44E-02
488	474243.71, 3847905.61	3.19929	47.9651	39.1881	0.0090259	0.1353195	0.1105578	2.29E-02	3.43E-01	2.80E-01	8.19E-03	1.23E-01	1.00E-01
489	474243.71, 3847930.61	3.67176	55.7042	46.9367	0.0103588	0.157153	0.1324182	2.62E-02	3.98E-01	3.35E-01	9.40E-03	1.43E-01	1.20E-01
490	474243.71, 3847955.61	4.19687	64.7329	55.3572	0.0118402	0.1826251	0.1561742	3.00E-02	4.62E-01	3.95E-01	1.07E-02	1.66E-01	1.42E-01
491	474243.71, 3847980.61	4.7168	73.8942	62.8924	0.0133071	0.2084709	0.1774326	3.37E-02	5.28E-01	4.49E-01	1.21E-02	1.89E-01	1.61E-01
492	474243.71, 3848005.61	5.31829	84.2696	72.1549	0.015004	0.2377422	0.203564	3.80E-02	6.02E-01	5.15E-01	1.36E-02	2.16E-01	1.85E-01
493	474243.71, 3848030.61	5.96666	96.2651	82.65	0.0168332	0.2715839	0.2331727	4.26E-02	6.88E-01	5.90E-01	1.53E-02	2.46E-01	2.12E-01
494	474243.71, 3848055.61	6.76713	107.983	96.8695	0.0190915	0.3046412	0.2732889	4.83E-02	7.71E-01	6.92E-01	1.73E-02	2.76E-01	2.48E-01
495	474243.71, 3848080.61	8.80991	122.548	113.756	0.0248546	0.345732	0.3209291	6.29E-02	8.75E-01	8.13E-01	2.26E-02	3.14E-01	2.91E-01
496	474243.71, 3848105.61	10.7461	131.883	124.658	0.0303171	0.3720684	0.3516847	7.68E-02	9.42E-01	8.91E-01	2.75E-02	3.38E-01	3.19E-01
497	474268.71, 3847755.61	1.47024	14.9771	12.8525	0.0041479	0.0422535	0.0362595	1.05E-02	1.07E-01	9.18E-02	3.76E-03	3.83E-02	3.29E-02
498	474268.71, 3847780.61	1.597	16.9742	14.3926	0.0045055	0.0478878	0.0406045	1.14E-02	1.21E-01	1.03E-01	4.09E-03	4.35E-02	3.68E-02
499	474268.71, 3847805.61	1.77544	20.4448	16.8954	0.0050089	0.0576791	0.0476655	1.27E-02	1.46E-01	1.21E-01	4.54E-03	5.23E-02	4.32E-02
500	474268.71, 3847830.61	2.03818	26.4512	21.1077	0.0057501	0.0746243	0.0595493	1.46E-02	1.89E-01	1.51E-01	5.22E-03	6.77E-02	5.40E-02
501	474268.71, 3847855.61	2.32187	32.0307	25.2887	0.0065505	0.0903651	0.0713446	1.66E-02	2.29E-01	1.81E-01	5.94E-03	8.20E-02	6.47E-02
502	474268.71, 3847880.61	2.62243	37.808	30.1893	0.0073984	0.1066642	0.0851703	1.87E-02	2.70E-01	2.16E-01	6.71E-03	9.68E-02	7.73E-02
503	474268.71, 3847905.61	2.96086	44.2617	35.2205	0.0083532	0.1248715	0.0993644	2.12E-02	3.16E-01	2.52E-01	7.58E-03	1.13E-01	9.02E-02
504	474268.71, 3847930.61	3.36113	51.0746	41.9967	0.0094824	0.1440919	0.1184813	2.40E-02	3.65E-01	3.00E-01	8.60E-03	1.31E-01	1.08E-01
505	474268.71, 3847955.61	3.74423	57.8975	49.0462	0.0105633	0.1633408	0.1383696	2.67E-02	4.14E-01	3.50E-01	9.58E-03	1.48E-01	1.26E-01
506	474268.71, 3847980.61	4.13491	65.1438	55.475	0.0116654	0.1837842	0.1565066	2.95E-02	4.65E-01	3.96E-01	1.06E-02	1.67E-01	1.42E-01
507	474268.71, 3848005.61	4.56475	74.0317	62.9684	0.0128781	0.2088589	0.177647	3.26E-02	5.29E-01	4.50E-01	1.17E-02	1.90E-01	1.61E-01
508	474268.71, 3848030.61	5.15449	86.0637	73.6142	0.0145419	0.2428037	0.2076808	3.68E-02	6.15E-01	5.26E-01	1.32E-02	2.20E-01	1.88E-01
509	474268.71, 3848055.61	6.04315	98.9215	87.0681	0.017049	0.2790782	0.2456373	4.32E-02	7.07E-01	6.22E-01	1.55E-02	2.53E-01	2.23E-01
510	474268.71, 3848080.61	7.41513	112.905	102.453	0.0209196	0.3185291	0.2890402	5.30E-02	8.07E-01	7.32E-01	1.90E-02	2.89E-01	2.62E-01
511	474268.71, 3848105.61	9.12573	124.048	115.266	0.0257456	0.3499649	0.3251905	6.52E-02	8.86E-01	8.23E-01	2.34E-02	3.18E-01	2.95E-01
512	474293.71, 3847780.61	1.56191	16.9851	14.2046	0.0044065	0.0479185	0.0400742	1.12E-02	1.21E-01	1.01E-01	4.00E-03	4.35E-02	3.64E-02
513	474293.71, 3847805.61	1.73313	20.4266	16.7944	0.0048895	0.0576278	0.0473806	1.24E-02	1.46E-01	1.20E-01	4.44E-03	5.23E-02	4.30E-02
514	474293.71, 3847830.61	1.94435	25.1103	20.0581	0.0054854	0.0708412	0.0565882	1.39E-02	1.79E-01	1.43E-01	4.98E-03	6.43E-02	5.13E-02
515	474293.71, 3847855.61	2.17297	29.6831	23.2703	0.0061304	0.0837422	0.0656502	1.55E-02	2.12E-01	1.66E-01	5.56E-03	7.60E-02	5.96E-02
516	474293.71, 3847880.61	2.41949	33.4526	26.9428	0.0068259	0.0943769	0.0760112	1.73E-02	2.39E-01	1.92E-01	6.19E-03	8.56E-02	6.90E-02
517	474293.71, 3847905.61	2.73224	39.7732	31.7115	0.0077082	0.1122085	0.0894646	1.95E-02	2.84E-01	2.27E-01	6.99E-03	1.02E-01	8.12E-02
518	474293.71, 3847930.61	3.05861	45.5557	37.1882	0.008629	0.128522	0.1049157	2.18E-02	3.25E-01	2.66E-01	7.83E-03	1.17E-01	9.52E-02
519	474293.71, 3847955.61	3.31411	51.1124	42.6698	0.0093498	0.1441988	0.1203805	2.37E-02	3.65E-01	3.05E-01	8.48E-03	1.31E-01	1.09E-01
520	474293.71, 3847980.61	3.63051	57.4997	48.2715	0.0102424	0.1622186	0.1361841	2.59E-02	4.11E-01	3.45E-01	9.29E-03	1.47E-01	1.24E-01
521	474293.71, 3848005.61	4.07837	66.6349	55.4803	0.0115059	0.1879909	0.1565215	2.91E-02	4.76E-01	3.96E-01	1.04E-02	1.71E-01	1.42E-01
522	474293.71, 3848030.61	4.64148	78.078	66.1115	0.0130946	0.2202743	0.1865142	3.32E-02	5.58E-01	4.72E-01	1.19E-02	2.00E-01	1.69E-01
523	474293.71, 3848055.61	5.31315	89.655	77.1141	0.0149895	0.2529353	0.2175548	3.80E-02	6.40E-01	5.51E-01	1.36E-02	2.29E-01	1.97E-01
524	474293.71, 3848080.61	6.21465	101.044	88.3585	0.0175328	0.2850673	0.2492777	4.44E-02	7.22E-01	6.31E-01	1.59E-02	2.59E-01	2.26E-01
525	474293.71, 3848105.61	7.73496	115.429	105.28	0.0218219	0.3256478	0.2970179	5.53E-02	8.25E-01	7.52E-01	1.98E-02	2.95E-01	2.69E-01
526	474293.71, 3848130.61	9.36868	125.313	116.101	0.026431	0.3535327	0.3275455	6.69E-02	8.95E-01	8.29E-01	2.40E-02	3.21E-01	2.97E-01
527	474318.71, 3847805.61	1.66148	19.5123	15.9347	0.0046874	0.0550483	0.0449551	1.19E-02	1.39E-01	1.14E-01	4.25E-03	4.99E-02	4.08E-02
528	474318.71, 3847830.61	1.84017	23.3264	18.6675	0.0051915	0.0658087	0.0526649	1.31E-02	1.67E-01	1.33E-01	4.71E-03	5.97E-02	4.78E-02
529	474318.71, 3847855.61	2.02019	26.9711	21.2125	0.0056994	0.0760909	0.0598448	1.44E-02	1.93E-01	1.52E-01	5.17E-03	6.90E-02	5.43E-02
530	474318.71, 3847880.61	2.23043	30.0908	23.9858	0.0062925	0.0848923	0.0676689	1.59E-02	2.15E-01	1.71E-01	5.71E-03	7.70E-02	6.14E-02
531	474318.71, 3847905.61	2.48577	35.4466	28.2272	0.0070129	0.1000021	0.0796349	1.78E-02	2.53E-01	2.02E-01	6.36E-03	9.07E-02	7.23E-02
532	474318.71, 3847930.61	2.68339	38.7397	31.5588	0.0075704	0.1092927	0.0890339	1.92E-02	2.77E-01	2.25E-01	6.87E-03	9.92E-02	8.08E-02
533	474318.71, 3847955.61	2.97036	45.1242	37.3694	0.00838	0.1273048	0.105427	2.12E-02	3.22E-01	2.67E-01	7.60E-03	1.16E-01	9.57E-02
534	474318.71, 3847980.61	3.27235	51.679	42.8931	0.009232	0.1457972	0.1210102	2.34E-02	3.69E-01	3.06E-01	8.38E-03	1.32E-01	1.10E-01
535	474318.71, 3848005.61	3.67145	60.4328	49.3162	0.0103579	0.1704934	0.1391312	2.62E-02	4.32E-01	3.52E-01	9.40E-03	1.55E-01	1.26E-01
536	474318.71, 3848030.61	4.09087	69.8185	57.8665	0.0115412	0.1969725	0.1632535	2.92E-02	4.99E-01	4.13E-01	1.05E-02	1.79E-01	1.48E-01
537	474318.71, 3848055.61	4.53337	80.6898	66.9842	0.0127896	0.2276427	0.1889763	3.24E-02	5.76E-01	4.79E-01	1.16E-02	2.07E-01	1.71E-01
538	474318.71, 3848080.61	5.41613	93.1391	79.1317	0.01528	0.2627648	0.2232469	3.87E-02	6.65E-01	5.65E-01	1.39E-02	2.38E-01	2.03E-01
539	474318.71, 3848105.61	6.28561	105.341	90.3307	0.017733	0.297188	0.2548418	4.49E-02	7.53E-01	6.45E-01	1.61E-02	2.70E-01	2.31E-01
540	474318.71, 3848130.61	7.93232	116.961	105.892	0.0223787	0.329972	0.2987424	5.67E-02	8.36E-01	7.56E-01	2.03E-02	2.99E-01	2.71E-01
541	474318.71, 3848155.61	9.55895	126.483	117.046	0.0269678	0.3568341	0.3302121	6.83E-02	9.04E-01	8.36E-01	2.45E-02	3.24E-01	3.00E-01
542	474343.71, 3847830.61	1.67831	19.7071	16.0689	0.0047349	0.0555979	0.0453336	1.20E-02	1.41E-01	1.15E-01	4.30E-03	5.04E-02	4.11E-02
543	474343.71, 3847855.61	1.79403	21.76	17.393	0.0050613	0.0613893	0.0490692	1.28E-02	1.55E-01	1.24E-01	4.59E-03	5.57E-02	4.45E-02
544	474343.71, 3847880.61	1.9486	24.5866	19.5527	0.0054974	0.0693638	0.0551622	1.39E-02	1.76E-01	1.40E-01	4.99E-03	6.29E-02	5.01E-02
545	474343.71, 3847905.61	2.15525	29.0903	22.9651	0.0060804	0.0820699	0.0647893	1.54E-02	2.08E-01	1.64E-01	5.52E-03	7.45E-02	5.88E-02
546	474343.71, 3847930.61	2.42021	34.7275	28.0976	0.0068279	0.0979735	0.0792691	1.73E-02	2.48E-01	2.01E-01	6.20E-03	8.89E-02	7.19E-02
547	474343.71, 3847955.61	2.66665	39.5082	32.5021	0.0075232	0.1114608	0.0916952	1.90E-02	2.82E-01	2.32E-01	6.83E-03	1.01E-01	8.32E-02
548	474343.71, 3847980.61	2.94742	45.2167	37.2167	0.0083153	0.1275658	0.1049962	2.11E-02	3.23E-01	2.66E-01	7.54E-03	1.16E-01	9.53E-02
549	474343.71, 3848005.61	3.29892	53.5161	43.2261	0.0093069	0.1509801	0.1219498	2.36E-02	3.82E-01	3.09E-01	8.44E-03	1.37E-01	1.11E-01
550	474343.71, 3848030.61	3.70244	62.3495	50.9262	0.0104454	0.1759009	0.1436735	2.64E-02	4.45E-01	3.64E-01	9.48E-03	1.60E-01	1.30E-01
551	474343.71, 3848055.61	4.16442	72.6072	60.1242	0.0117487	0.2048399	0.1696228	2.97E-02	5.19E-01	4.30E-01	1.07E-02	1.86E-01	1.54E-01
552	474343.71, 3848080.61	4.6639	84.5355	69.9894	0.0131578	0.2384923	0.1974547	3.33E-02	6.04E-01	5.00E-01	1.19E-02	2.16E-01	1.79E-01
553	474343.71, 3848105.61	5.44123	97.3276	80.5494	0.0153508	0.2745815	0.2272467	3.89E-02	6.95E-01	5.75E-01	1.39E-02	2.49E-01	2.06E-01
554	474343.71, 3848130.61	6.47189	107.712	92.9435	0.0182585	0.3038791	0.2622129	4.62E-02	7.69E-01	6.64E-01	1.66E-02	2.76E-01	2.38E-01
555	474343.71, 3848155.61	8.11758	118.014	107.572	0.0229014	0.3329421	0.3034818	5.80E-02	8.43E-01	7.68E-01	2.08E-02	3.02E-01	2.75E-01

556	474343.71, 3848180.61	9.71372	127.234	117.799	0.0274044	0.3589546	0.3323344	6.94E-02	9.09E-01	8.42E-01	2.49E-02	3.26E-01	3.02E-01
557	474368.71, 3847855.61	1.65664	18.7871	15.344	0.0046737	0.0530023	0.0432885	1.18E-02	1.34E-01	1.10E-01	4.24E-03	4.81E-02	3.93E-02
558	474368.71, 3847880.61	1.79921	21.5765	17.4669	0.0050759	0.0608717	0.0492778	1.29E-02	1.54E-01	1.25E-01	4.61E-03	5.52E-02	4.47E-02
559	474368.71, 3847905.61	1.98104	25.4918	20.2207	0.0055889	0.0719177	0.0570467	1.42E-02	1.82E-01	1.44E-01	5.07E-03	6.53E-02	5.18E-02
560	474368.71, 3847930.61	2.20561	30.557	24.2005	0.0062225	0.0862077	0.0682748	1.58E-02	2.18E-01	1.73E-01	5.65E-03	7.82E-02	6.19E-02
561	474368.71, 3847955.61	2.40116	33.4731	27.8798	0.0067742	0.0944346	0.0786548	1.72E-02	2.39E-01	1.99E-01	6.15E-03	8.57E-02	7.14E-02
562	474368.71, 3847980.61	2.68244	40.2846	33.1897	0.0075677	0.1136512	0.0936351	1.92E-02	2.88E-01	2.37E-01	6.87E-03	1.03E-01	8.50E-02
563	474368.71, 3848005.61	2.98448	47.8772	38.4425	0.0084198	0.1350716	0.1084543	2.13E-02	3.42E-01	2.75E-01	7.64E-03	1.23E-01	9.84E-02
564	474368.71, 3848030.61	3.31743	55.5634	45.0039	0.0093592	0.156756	0.1269653	2.37E-02	3.97E-01	3.21E-01	8.49E-03	1.42E-01	1.15E-01
565	474368.71, 3848055.61	3.69431	64.5836	53.1359	0.0104224	0.1822039	0.1499074	2.64E-02	4.61E-01	3.80E-01	9.46E-03	1.65E-01	1.36E-01
566	474368.71, 3848080.61	4.08153	74.4104	60.5134	0.0115148	0.2099272	0.170721	2.92E-02	5.32E-01	4.32E-01	1.04E-02	1.90E-01	1.55E-01
567	474368.71, 3848105.61	4.76221	88.2819	71.8083	0.0134352	0.2490616	0.2025861	3.40E-02	6.31E-01	5.13E-01	1.22E-02	2.26E-01	1.84E-01
568	474368.71, 3848130.61	5.63795	101.165	82.1768	0.0159058	0.2854081	0.2318378	4.03E-02	7.23E-01	5.87E-01	1.44E-02	2.59E-01	2.10E-01
569	474368.71, 3848155.61	6.82084	110.22	96.4338	0.019243	0.3109529	0.2720598	4.87E-02	7.87E-01	6.89E-01	1.75E-02	2.82E-01	2.47E-01
570	474368.71, 3848180.61	8.29502	119.524	108.724	0.023402	0.3372034	0.3067342	5.93E-02	8.54E-01	7.77E-01	2.12E-02	3.06E-01	2.78E-01
571	474368.71, 3848205.61	9.96892	128.124	119.541	0.0281244	0.3614654	0.33725	7.12E-02	9.15E-01	8.54E-01	2.55E-02	3.28E-01	3.06E-01
572	474393.71, 3847880.61	1.70577	20.0678	16.3611	0.0048123	0.0566154	0.0461582	1.22E-02	1.43E-01	1.17E-01	4.37E-03	5.14E-02	4.19E-02
573	474393.71, 3847905.61	1.86175	23.2813	18.7458	0.0052524	0.0656814	0.0528859	1.33E-02	1.66E-01	1.34E-01	4.77E-03	5.96E-02	4.80E-02
574	474393.71, 3847930.61	2.03681	27.2401	21.5522	0.0057463	0.0768498	0.0608031	1.46E-02	1.95E-01	1.54E-01	5.21E-03	6.97E-02	5.52E-02
575	474393.71, 3847955.61	2.12385	27.5249	22.9209	0.0059918	0.0776536	0.0646647	1.52E-02	1.97E-01	1.64E-01	5.44E-03	7.05E-02	5.87E-02
576	474393.71, 3847980.61	2.33532	32.5705	26.9062	0.0065884	0.0918881	0.0759081	1.67E-02	2.33E-01	1.92E-01	5.98E-03	8.34E-02	6.89E-02
577	474393.71, 3848005.61	2.70344	42.4438	34.1613	0.007627	0.1197428	0.0963762	1.93E-02	3.03E-01	2.44E-01	6.92E-03	1.09E-01	8.74E-02
578	474393.71, 3848030.61	3.08335	51.612	40.8645	0.0086988	0.1456082	0.1152873	2.20E-02	3.69E-01	2.92E-01	7.89E-03	1.32E-01	1.05E-01
579	474393.71, 3848055.61	3.38417	58.825	48.0579	0.0095474	0.1659575	0.1355814	2.42E-02	4.20E-01	3.43E-01	8.66E-03	1.51E-01	1.23E-01
580	474393.71, 3848080.61	3.8872	69.7751	57.3271	0.0109666	0.1968501	0.1617315	2.78E-02	4.98E-01	4.10E-01	9.95E-03	1.79E-01	1.47E-01
581	474393.71, 3848105.61	4.35966	79.7016	65.6379	0.0122995	0.2248549	0.1851781	3.11E-02	5.69E-01	4.69E-01	1.12E-02	2.04E-01	1.68E-01
582	474393.71, 3848130.61	4.97964	91.7844	74.6679	0.0140486	0.2589428	0.2106536	3.56E-02	6.56E-01	5.33E-01	1.27E-02	2.35E-01	1.91E-01
583	474393.71, 3848155.61	5.73901	104.569	85.1099	0.0161909	0.2950101	0.2401127	4.10E-02	7.47E-01	6.08E-01	1.47E-02	2.68E-01	2.18E-01
584	474393.71, 3848180.61	6.84529	111.474	96.7911	0.019312	0.3144908	0.2730677	4.89E-02	7.96E-01	6.91E-01	1.75E-02	2.85E-01	2.48E-01
585	474393.71, 3848205.61	8.44311	120.418	109.644	0.0238198	0.3397235	0.3093292	6.03E-02	8.60E-01	7.83E-01	2.16E-02	3.08E-01	2.81E-01
586	474393.71, 3848230.61	10.2084	128.675	119.839	0.0288001	0.3630197	0.3380896	7.29E-02	9.19E-01	8.56E-01	2.61E-02	3.29E-01	3.07E-01
587	474418.71, 3847905.61	1.76996	21.8639	17.5901	0.0049934	0.0616825	0.0496253	1.26E-02	1.56E-01	1.26E-01	4.53E-03	5.60E-02	4.50E-02
588	474418.71, 3847930.61	1.86667	23.4802	18.9601	0.0052663	0.0662426	0.0534905	1.33E-02	1.68E-01	1.35E-01	4.78E-03	6.01E-02	4.85E-02
589	474418.71, 3847955.61	1.90506	22.9847	19.4054	0.0053746	0.0648445	0.0547467	1.36E-02	1.64E-01	1.39E-01	4.88E-03	5.88E-02	4.97E-02
590	474418.71, 3847980.61	2.0539	25.8077	22.0036	0.0057945	0.0728088	0.0620767	1.47E-02	1.84E-01	1.57E-01	5.26E-03	6.61E-02	5.63E-02
591	474418.71, 3848005.61	2.38963	35.5943	28.9699	0.0067416	0.100419	0.0817302	1.71E-02	2.54E-01	2.07E-01	6.12E-03	9.11E-02	7.42E-02
592	474418.71, 3848030.61	2.78832	45.9631	36.2415	0.0078664	0.1296716	0.1022448	1.99E-02	3.28E-01	2.59E-01	7.14E-03	1.18E-01	9.28E-02
593	474418.71, 3848055.61	3.10926	53.4273	43.1575	0.0087719	0.1507294	0.1217564	2.22E-02	3.82E-01	3.08E-01	7.96E-03	1.37E-01	1.10E-01
594	474418.71, 3848080.61	3.40773	61.0248	50.3601	0.0096139	0.1721637	0.1420764	2.43E-02	4.36E-01	3.60E-01	8.72E-03	1.56E-01	1.29E-01
595	474418.71, 3848105.61	3.86294	71.6244	58.1501	0.0108982	0.2020672	0.1640536	2.76E-02	5.12E-01	4.15E-01	9.89E-03	1.83E-01	1.49E-01
596	474418.71, 3848130.61	4.37583	83.0106	66.73	0.0123451	0.2341901	0.1882593	3.13E-02	5.93E-01	4.77E-01	1.12E-02	2.12E-01	1.71E-01
597	474418.71, 3848155.61	5.02695	96.1508	75.5901	0.0141821	0.2712614	0.2132555	3.59E-02	6.87E-01	5.40E-01	1.29E-02	2.46E-01	1.93E-01
598	474418.71, 3848180.61	5.89465	105.232	87.1045	0.01663	0.2968813	0.2457399	4.21E-02	7.52E-01	6.22E-01	1.51E-02	2.69E-01	2.23E-01
599	474418.71, 3848205.61	7.24167	112.458	99.5691	0.0204303	0.3172668	0.2809052	5.17E-02	8.03E-01	7.11E-01	1.85E-02	2.88E-01	2.55E-01
600	474418.71, 3848230.61	8.6661	121.096	110.13	0.0244489	0.3416384	0.3107009	6.19E-02	8.65E-01	7.87E-01	2.22E-02	3.10E-01	2.82E-01
601	474418.71, 3848255.61	10.463	129.105	120.798	0.0295182	0.3642312	0.3407958	7.47E-02	9.22E-01	8.63E-01	2.68E-02	3.30E-01	3.09E-01
602	474443.71, 3847905.61	1.67245	20.1655	16.2705	0.0047183	0.056891	0.0459024	1.19E-02	1.44E-01	1.16E-01	4.28E-03	5.16E-02	4.16E-02
603	474443.71, 3847930.61	1.73305	20.5997	16.8944	0.0048893	0.0581162	0.0476627	1.24E-02	1.47E-01	1.21E-01	4.44E-03	5.27E-02	4.32E-02
604	474443.71, 3847955.61	1.73466	19.0579	16.5208	0.0048938	0.0537662	0.0466085	1.24E-02	1.36E-01	1.18E-01	4.44E-03	4.88E-02	4.23E-02
605	474443.71, 3847980.61	1.8733	22.2356	19.2535	0.005285	0.0627311	0.0543181	1.34E-02	1.59E-01	1.38E-01	4.80E-03	5.69E-02	4.93E-02
606	474443.71, 3848005.61	2.11971	29.3169	24.1704	0.0059801	0.082709	0.0681898	1.51E-02	2.09E-01	1.73E-01	5.43E-03	7.50E-02	6.19E-02
607	474443.71, 3848030.61	2.46098	38.9184	30.9075	0.0069429	0.1097968	0.0871966	1.76E-02	2.78E-01	2.21E-01	6.30E-03	9.96E-02	7.91E-02
608	474443.71, 3848055.61	2.80814	47.6242	38.3279	0.0079223	0.1343579	0.1081308	2.01E-02	3.40E-01	2.74E-01	7.19E-03	1.22E-01	9.81E-02
609	474443.71, 3848080.61	3.11365	55.4249	45.4592	0.0087843	0.1563652	0.1282499	2.22E-02	3.96E-01	3.25E-01	7.97E-03	1.42E-01	1.16E-01
610	474443.71, 3848105.61	3.52789	65.3143	52.9132	0.0099529	0.1842652	0.1492793	2.52E-02	4.67E-01	3.78E-01	9.03E-03	1.67E-01	1.35E-01
611	474443.71, 3848130.61	3.98658	75.8412	61.3095	0.011247	0.2139638	0.1729669	2.85E-02	5.42E-01	4.38E-01	1.02E-02	1.94E-01	1.57E-01
612	474443.71, 3848155.61	4.52995	87.0313	68.5505	0.0127799	0.2455333	0.1933951	3.24E-02	6.22E-01	4.90E-01	1.16E-02	2.23E-01	1.75E-01
613	474443.71, 3848180.61	5.22531	98.4983	78.15	0.0147417	0.2778841	0.2204775	3.73E-02	7.04E-01	5.58E-01	1.34E-02	2.52E-01	2.00E-01
614	474443.71, 3848205.61	6.07786	105.961	87.892	0.0171469	0.298938	0.2479616	4.34E-02	7.57E-01	6.28E-01	1.56E-02	2.71E-01	2.25E-01
615	474443.71, 3848230.61	7.48	113.749	99.689	0.0211026	0.3209096	0.2812435	5.34E-02	8.13E-01	7.12E-01	1.91E-02	2.91E-01	2.55E-01
616	474443.71, 3848255.61	8.91051	121.751	110.897	0.0251384	0.3434847	0.3128648	6.37E-02	8.70E-01	7.92E-01	2.28E-02	3.12E-01	2.84E-01
617	474443.71, 3848280.61	10.721	129.55	121.985	0.0302461	0.3654882	0.3441439	7.66E-02	9.25E-01	8.71E-01	2.74E-02	3.32E-01	3.12E-01
618	474468.71, 3847930.61	1.64701	19.1571	15.9424	0.0046466	0.054046	0.0449769	1.18E-02	1.37E-01	1.14E-01	4.22E-03	4.90E-02	4.08E-02
619	474468.71, 3847955.61	1.68533	19.01	16.1504	0.0047547	0.0536312	0.0455637	1.20E-02	1.36E-01	1.15E-01	4.31E-03	4.87E-02	4.13E-02
620	474468.71, 3847980.61	1.81459	21.7677	18.7258	0.0051193	0.0614113	0.0528293	1.30E-02	1.56E-01	1.34E-01	4.64E-03	5.57E-02	4.79E-02
621	474468.71, 3848005.61	2.01402	27.2295	22.8315	0.005682	0.0768202	0.0644123	1.44E-02	1.95E-01	1.63E-01	5.16E-03	6.97E-02	5.84E-02
622	474468.71, 3848030.61	2.27211	34.8252	28.127	0.0064101	0.0982492	0.079352	1.62E-02	2.49E-01	2.01E-01	5.82E-03	8.91E-02	7.20E-02
623	474468.71, 3848055.61	2.57141	42.9173	33.7115	0.0072545	0.1210786	0.0951072	1.84E-02	3.07E-01	2.41E-01	6.58E-03	1.10E-01	8.63E-02
624	474468.71, 3848080.61	2.91919	51.4215	41.6461	0.0082356	0.1450706	0.1174922	2.09E-02	3.67E-01	2.98E-01	7.47E-03	1.32E-01	1.07E-01
625	474468.71, 3848105.61	3.17035	58.121	47.115	0.0089442	0.1639714	0.1329212	2.26E-02	4.15E-01	3.37E-01	8.12E-03	1.49E-01	1.21E-01
626	474468.71, 3848130.61	3.57931	68.4589	55.1627	0.010098	0.1931369	0.1556253	2.56E-02	4.89E-01	3.94E-01	9.16E-03	1.75E-01	1.41E-01
627	474468.71, 3848155.61	4.06781	78.5102	62.6634	0.0114761	0.2214936	0.1767865	2.91E-02	5.61E-01	4.48E-01	1.04E-02	2.01E-01	1.60E-01
628	474468.71, 3848180.61	4.64785	90.659	70.4574	0.0131126	0.2557679	0.1987751	3.32E-02	6.48E-01	5.03E-01	1.19E-02	2.32E-01	1.80E-01
629	474468.71, 3848205.61	5.34337	99.8907	79.758	0.0150748	0.2818125	0.225014	3.82E-02	7.14E-01	5.70E-01	1.37E-02	2.56E-01	2.04E-01
630	474468.71, 3848230.61	6.34996	106.221	90.1187	0.0179146	0.2996716	0.2542436	4.54E-02	7.59E-01	6.44E-01	1.63E-02	2.72E-01	2.31E-01
631	474468.71, 3848255.61	7.65131	114.472	101.249	0.0215859	0.3229495	0.2856447	5.47E-02	8.18E-01	7.23E-01	1.96E-02	2.93E-01	2.59E-01
632	474468.71, 3848280.61	9.08726	122.218	111.901	0.0256371	0.3448032	0.315697	6.49E-02	8.73E-01	7.99E-01	2.33E-02	3.13E-01	2.86E-01
633	474468.71, 3848305.61	11.04	130.059	123.554	0.0311462	0.3669236	0.3485702	7.89E-02	9.29E-01	8.83E-01	2.83E-02	3.33E-01	3.16E-01
634	474493.71, 3847955.61	1.67082	20.0634	16.3515	0.0047137	0.0566029	0.0461309	1.19E-02	1.43E-01	1.17E-01	4.28E-03	5.14E-02	4.19E-02
635	474493.71, 3847980.61	1.77712	22.2518	18.7218	0.0050136	0.0627769	0.0528181	1.27E-02	1.59E-01	1.34E-01	4.55E-03	5.70E-02	4.79E-02

636	474493.71, 3848005.61	1.89763	25.2262	21.1951	0.0053536	0.0711682	0.0597958	1.36E-02	1.80E-01	1.51E-01	4.86E-03	6.46E-02	5.43E-02
637	474493.71, 3848030.61	2.0496	30.0751	24.384	0.0057823	0.0848482	0.0687923	1.46E-02	2.15E-01	1.74E-01	5.25E-03	7.70E-02	6.24E-02
638	474493.71, 3848055.61	2.26784	36.4511	28.7471	0.006398	0.1028361	0.0811016	1.62E-02	2.60E-01	2.05E-01	5.81E-03	9.33E-02	7.36E-02
639	474493.71, 3848080.61	2.62381	45.1012	36.3327	0.0074023	0.1272398	0.1025022	1.87E-02	3.22E-01	2.60E-01	6.72E-03	1.15E-01	9.30E-02
640	474493.71, 3848105.61	2.8532	51.5071	41.7444	0.0080495	0.1453123	0.1177698	2.04E-02	3.68E-01	2.98E-01	7.30E-03	1.32E-01	1.07E-01
641	474493.71, 3848130.61	3.23477	62.0442	49.3755	0.009126	0.1750395	0.1392987	2.31E-02	4.43E-01	3.53E-01	8.28E-03	1.59E-01	1.26E-01
642	474493.71, 3848155.61	3.66572	71.4752	56.8417	0.0103418	0.2016464	0.1603623	2.62E-02	5.11E-01	4.06E-01	9.38E-03	1.83E-01	1.46E-01
643	474493.71, 3848180.61	4.15603	82.1076	63.7056	0.011725	0.2316425	0.1797268	2.97E-02	5.87E-01	4.55E-01	1.06E-02	2.10E-01	1.63E-01
644	474493.71, 3848205.61	4.75456	93.1508	72.83	0.0134136	0.2627977	0.2054685	3.40E-02	6.65E-01	5.20E-01	1.22E-02	2.38E-01	1.86E-01
645	474493.71, 3848230.61	5.47468	100.539	80.216	0.0154452	0.2836411	0.226306	3.91E-02	7.18E-01	5.73E-01	1.40E-02	2.57E-01	2.05E-01
646	474493.71, 3848255.61	6.59337	107.161	90.6009	0.0186013	0.3023221	0.2556039	4.71E-02	7.66E-01	6.47E-01	1.69E-02	2.74E-01	2.32E-01
647	474493.71, 3848280.61	7.88431	115.203	102.284	0.0222433	0.3250119	0.2885644	5.63E-02	8.23E-01	7.31E-01	2.02E-02	2.95E-01	2.62E-01
648	474493.71, 3848305.61	9.38785	122.805	112.402	0.0264851	0.3464576	0.3171092	6.71E-02	8.77E-01	8.03E-01	2.40E-02	3.14E-01	2.88E-01
649	474518.71, 3847980.61	1.71434	21.6811	17.915	0.0048365	0.0611669	0.050542	1.22E-02	1.55E-01	1.28E-01	4.39E-03	5.55E-02	4.59E-02
650	474518.71, 3848005.61	1.81146	23.6238	19.9444	0.0051105	0.0666475	0.0562673	1.29E-02	1.69E-01	1.42E-01	4.64E-03	6.05E-02	5.11E-02
651	474518.71, 3848030.61	1.93104	27.301	22.632	0.0054479	0.0770218	0.0638496	1.38E-02	1.95E-01	1.62E-01	4.94E-03	6.99E-02	5.79E-02
652	474518.71, 3848055.61	2.08972	32.3371	25.8238	0.0058955	0.0912296	0.0728542	1.49E-02	2.31E-01	1.84E-01	5.35E-03	8.28E-02	6.61E-02
653	474518.71, 3848080.61	2.34903	39.0539	31.2922	0.0066271	0.1101792	0.0882819	1.68E-02	2.79E-01	2.24E-01	6.01E-03	1.00E-01	8.01E-02
654	474518.71, 3848105.61	2.61432	46.4039	38.0282	0.0073755	0.130915	0.1072853	1.87E-02	3.31E-01	2.72E-01	6.69E-03	1.19E-01	9.73E-02
655	474518.71, 3848130.61	2.93399	54.9008	43.4605	0.0082774	0.1548865	0.122611	2.10E-02	3.92E-01	3.10E-01	7.51E-03	1.41E-01	1.11E-01
656	474518.71, 3848155.61	3.32774	64.8954	51.7666	0.0093882	0.1830834	0.1460444	2.38E-02	4.64E-01	3.70E-01	8.52E-03	1.66E-01	1.33E-01
657	474518.71, 3848180.61	3.75534	74.0561	58.4334	0.0105946	0.2089277	0.1648528	2.68E-02	5.29E-01	4.17E-01	9.61E-03	1.90E-01	1.50E-01
658	474518.71, 3848205.61	4.26142	85.7939	66.0189	0.0120224	0.2420423	0.1862531	3.04E-02	6.13E-01	4.72E-01	1.09E-02	2.20E-01	1.69E-01
659	474518.71, 3848230.61	4.90622	94.0228	74.4446	0.0138415	0.2652578	0.2100236	3.50E-02	6.72E-01	5.32E-01	1.26E-02	2.41E-01	1.91E-01
660	474518.71, 3848255.61	5.69292	100.2	81.8294	0.0160609	0.2826839	0.2308578	4.07E-02	7.16E-01	5.85E-01	1.46E-02	2.56E-01	2.09E-01
661	474518.71, 3848280.61	6.88548	108.419	90.86	0.0194254	0.3058734	0.2563351	4.92E-02	7.75E-01	6.49E-01	1.76E-02	2.78E-01	2.33E-01
662	474518.71, 3848305.61	8.09961	115.716	103.661	0.0228507	0.3264601	0.2924494	5.79E-02	8.27E-01	7.41E-01	2.07E-02	2.96E-01	2.65E-01
663	474518.71, 3848330.61	9.62127	123.286	113.221	0.0271436	0.3478168	0.3194187	6.87E-02	8.81E-01	8.09E-01	2.46E-02	3.16E-01	2.90E-01
664	474543.71, 3848005.61	1.74698	22.8758	19.0838	0.0049286	0.0645373	0.0538393	1.25E-02	1.63E-01	1.36E-01	4.47E-03	5.86E-02	4.89E-02
665	474543.71, 3848030.61	1.83528	25.2029	21.1029	0.0051777	0.0711026	0.0595357	1.31E-02	1.80E-01	1.51E-01	4.70E-03	6.45E-02	5.40E-02
666	474543.71, 3848055.61	1.97271	29.8858	23.9972	0.0055654	0.0843141	0.067701	1.41E-02	2.13E-01	1.71E-01	5.05E-03	7.65E-02	6.14E-02
667	474543.71, 3848080.61	2.13309	34.5975	27.2696	0.0060179	0.0976066	0.0769333	1.52E-02	2.47E-01	1.95E-01	5.46E-03	8.86E-02	6.98E-02
668	474543.71, 3848105.61	2.39385	41.4741	33.7233	0.0067535	0.117007	0.0951405	1.71E-02	2.96E-01	2.41E-01	6.13E-03	1.06E-01	8.63E-02
669	474543.71, 3848130.61	2.73116	50.2618	40.2432	0.0077052	0.141799	0.1135345	1.95E-02	3.59E-01	2.87E-01	6.99E-03	1.29E-01	1.03E-01
670	474543.71, 3848155.61	3.08738	60.0718	47.6336	0.0087101	0.169475	0.1343844	2.21E-02	4.29E-01	3.40E-01	7.90E-03	1.54E-01	1.22E-01
671	474543.71, 3848180.61	3.41113	67.7117	53.2474	0.0096235	0.1910287	0.150222	2.44E-02	4.84E-01	3.80E-01	8.73E-03	1.73E-01	1.36E-01
672	474543.71, 3848205.61	3.86867	77.7093	59.7522	0.0109143	0.2192342	0.1685732	2.76E-02	5.55E-01	4.27E-01	9.90E-03	1.99E-01	1.53E-01
673	474543.71, 3848230.61	4.39883	87.8459	67.9994	0.01241	0.2478315	0.1918404	3.14E-02	6.28E-01	4.86E-01	1.13E-02	2.25E-01	1.74E-01
674	474543.71, 3848255.61	5.04013	93.9408	74.1076	0.0142193	0.2650267	0.2090728	3.60E-02	6.71E-01	5.29E-01	1.29E-02	2.40E-01	1.90E-01
675	474543.71, 3848280.61	5.88829	99.888	82.2776	0.0166121	0.2818048	0.2321223	4.21E-02	7.14E-01	5.88E-01	1.51E-02	2.56E-01	2.11E-01
676	474543.71, 3848305.61	7.03946	108.999	91.706	0.0198598	0.3075076	0.2587218	5.03E-02	7.79E-01	6.55E-01	1.80E-02	2.79E-01	2.35E-01
677	474543.71, 3848330.61	8.26968	115.979	104.371	0.0233305	0.3271999	0.2944517	5.91E-02	8.29E-01	7.46E-01	2.12E-02	2.97E-01	2.67E-01
678	474543.71, 3848355.61	9.83628	123.788	114.811	0.0277502	0.3492327	0.3239071	7.03E-02	8.84E-01	8.20E-01	2.52E-02	3.17E-01	2.94E-01
679	474568.71, 3848030.61	1.77807	24.4575	20.4426	0.0050163	0.0689997	0.0576727	1.27E-02	1.75E-01	1.46E-01	4.55E-03	6.26E-02	5.23E-02
680	474568.71, 3848055.61	1.86549	27.3705	22.2362	0.0052629	0.0772178	0.0627331	1.33E-02	1.96E-01	1.59E-01	4.78E-03	7.01E-02	5.69E-02
681	474568.71, 3848080.61	2.00434	31.8114	25.2249	0.0056547	0.0897467	0.0711647	1.43E-02	2.27E-01	1.80E-01	5.13E-03	8.14E-02	6.46E-02
682	474568.71, 3848105.61	2.24421	38.6029	30.7401	0.0063314	0.1089068	0.0867242	1.60E-02	2.76E-01	2.20E-01	5.74E-03	9.88E-02	7.87E-02
683	474568.71, 3848130.61	2.49145	45.8732	37.276	0.0070289	0.1294179	0.1051635	1.78E-02	3.28E-01	2.66E-01	6.38E-03	1.17E-01	9.54E-02
684	474568.71, 3848155.61	2.77679	53.6553	42.0835	0.0078339	0.1513727	0.1187264	1.98E-02	3.83E-01	3.01E-01	7.11E-03	1.37E-01	1.08E-01
685	474568.71, 3848180.61	3.11608	61.7146	48.9704	0.0087911	0.1741098	0.1381558	2.23E-02	4.41E-01	3.50E-01	7.98E-03	1.58E-01	1.25E-01
686	474568.71, 3848205.61	3.50624	70.1979	54.9908	0.0098918	0.198043	0.1551403	2.50E-02	5.01E-01	3.93E-01	8.98E-03	1.80E-01	1.41E-01
687	474568.71, 3848230.61	3.97349	81.1464	61.9846	0.01121	0.2289309	0.1748714	2.84E-02	5.80E-01	4.43E-01	1.02E-02	2.08E-01	1.59E-01
688	474568.71, 3848255.61	4.51529	88.9799	69.5551	0.0127386	0.2510309	0.1962294	3.23E-02	6.36E-01	4.97E-01	1.16E-02	2.28E-01	1.78E-01
689	474568.71, 3848280.61	5.1514	94.1167	74.9119	0.0145332	0.2655229	0.2113422	3.68E-02	6.72E-01	5.35E-01	1.32E-02	2.41E-01	1.92E-01
690	474568.71, 3848305.61	6.06729	100.884	81.464	0.0171171	0.2846134	0.229827	4.33E-02	7.21E-01	5.82E-01	1.55E-02	2.58E-01	2.09E-01
691	474568.71, 3848330.61	7.18473	109.36	92.7404	0.0202696	0.3085265	0.2616401	5.13E-02	7.81E-01	6.63E-01	1.84E-02	2.80E-01	2.37E-01
692	474568.71, 3848355.61	8.42018	116.2	105.202	0.0237551	0.3278234	0.2967955	6.02E-02	8.30E-01	7.52E-01	2.16E-02	2.97E-01	2.69E-01
693	474568.71, 3848380.61	10.062	124.31	116.197	0.0283871	0.350704	0.3278161	7.19E-02	8.88E-01	8.30E-01	2.58E-02	3.18E-01	2.97E-01
694	474593.71, 3848055.61	1.77101	25.1174	20.8809	0.0049964	0.0708613	0.0589093	1.27E-02	1.79E-01	1.49E-01	4.53E-03	6.43E-02	5.35E-02
695	474593.71, 3848080.61	1.89772	29.4971	23.5332	0.0053539	0.0832173	0.0663921	1.36E-02	2.11E-01	1.68E-01	4.86E-03	7.55E-02	6.02E-02
696	474593.71, 3848105.61	2.08914	35.1613	27.771	0.0058939	0.0991974	0.0783477	1.49E-02	2.51E-01	1.98E-01	5.35E-03	9.00E-02	7.11E-02
697	474593.71, 3848130.61	2.28185	40.0947	32.8713	0.0064376	0.1131155	0.0927367	1.63E-02	2.86E-01	2.35E-01	5.84E-03	1.03E-01	8.41E-02
698	474593.71, 3848155.61	2.53571	47.2001	37.5016	0.0071538	0.1331614	0.1057998	1.81E-02	3.37E-01	2.68E-01	6.49E-03	1.21E-01	9.60E-02
699	474593.71, 3848180.61	2.83027	55.1723	43.8137	0.0079848	0.1556526	0.1236076	2.02E-02	3.94E-01	3.13E-01	7.24E-03	1.41E-01	1.12E-01
700	474593.71, 3848205.61	3.16276	63.1537	49.5992	0.0089228	0.1781697	0.1399296	2.26E-02	4.51E-01	3.54E-01	8.10E-03	1.62E-01	1.27E-01
701	474593.71, 3848230.61	3.59759	72.8407	55.827	0.0101496	0.2054987	0.1574994	2.57E-02	5.20E-01	3.99E-01	9.21E-03	1.86E-01	1.43E-01
702	474593.71, 3848255.61	4.05058	82.7393	63.4645	0.0114275	0.2334247	0.1790466	2.89E-02	5.91E-01	4.53E-01	1.04E-02	2.12E-01	1.62E-01
703	474593.71, 3848280.61	4.58174	89.9272	69.7483	0.012926	0.2537034	0.1967745	3.27E-02	6.42E-01	4.98E-01	1.17E-02	2.30E-01	1.79E-01
704	474593.71, 3848305.61	5.21385	93.8727	75.215	0.0147094	0.2648345	0.2121971	3.72E-02	6.71E-01	5.37E-01	1.33E-02	2.40E-01	1.93E-01
705	474593.71, 3848330.61	6.16537	101.543	80.9831	0.0173938	0.2864733	0.22847	4.40E-02	7.25E-01	5.79E-01	1.58E-02	2.60E-01	2.07E-01
706	474593.71, 3848355.61	7.31759	109.77	93.6167	0.0206444	0.3096849	0.2641123	5.23E-02	7.84E-01	6.69E-01	1.87E-02	2.81E-01	2.40E-01
707	474593.71, 3848380.61	8.60856	116.702	106.114	0.0242865	0.3292412	0.2993707	6.15E-02	8.34E-01	7.58E-01	2.20E-02	2.99E-01	2.72E-01
708	474593.71, 3848405.61	10.324	124.903	117.528	0.0291261	0.3523762	0.3315703	7.38E-02	8.92E-01	8.40E-01	2.64E-02	3.20E-01	3.01E-01
709	474618.71, 3848055.61	1.72429	24.4861	20.3535	0.0048646	0.0690803	0.0574213	1.23E-02	1.75E-01	1.45E-01	4.41E-03	6.27E-02	5.21E-02
710	474618.71, 3848080.61	1.7945	27.0394	21.7555	0.0050627	0.0762837	0.0613767	1.28E-02	1.93E-01	1.55E-01	4.59E-03	6.92E-02	5.57E-02
711	474618.71, 3848105.61	1.90269	30.3026	24.1199	0.0053679	0.0854899	0.0680474	1.36E-02	2.16E-01	1.72E-01	4.87E-03	7.76E-02	6.17E-02
712	474618.71, 3848130.61	2.08227	35.1566	28.7327	0.0058745	0.0991841	0.0810609	1.49E-02	2.51E-01	2.05E-01	5.33E-03	9.00E-02	7.35E-02
713	474618.71, 3848155.61	2.31263	41.9063	33.6956	0.0065244	0.1182263	0.0950622	1.65E-02	2.99E-01	2.41E-01	5.92E-03	1.07E-01	8.63E-02
714	474618.71, 3848180.61	2.57753	49.5727	38.7446	0.0072717	0.139855	0.1093065	1.84E-02	3.54E-01	2.77E-01	6.60E-03	1.27E-01	9.92E-02
715	474618.71, 3848205.61	2.87136	57.1121	44.7843	0.0081007	0.1611252	0.1263458	2.05E-02	4.08E-01	3.20E-01	7.35E-03	1.46E-01	1.15E-01

716	474618.71, 3848230.61	3.24448	65.5062	50.9857	0.0091534	0.1848066	0.1438411	2.32E-02	4.68E-01	3.64E-01	8.31E-03	1.68E-01	1.31E-01
717	474618.71, 3848255.61	3.6341	75.8104	57.2769	0.0102526	0.2138769	0.1615901	2.60E-02	5.42E-01	4.09E-01	9.30E-03	1.94E-01	1.47E-01
718	474618.71, 3848280.61	4.09864	84.9667	64.7873	0.0115631	0.2397088	0.1827785	2.93E-02	6.07E-01	4.63E-01	1.05E-02	2.17E-01	1.66E-01
719	474618.71, 3848305.61	4.63327	89.8028	70.1955	0.0130714	0.2533524	0.198036	3.31E-02	6.42E-01	5.01E-01	1.19E-02	2.30E-01	1.80E-01
720	474618.71, 3848330.61	5.28645	93.5092	74.8912	0.0149142	0.2638088	0.2112836	3.78E-02	6.68E-01	5.35E-01	1.35E-02	2.39E-01	1.92E-01
721	474618.71, 3848355.61	6.30093	102.534	82.3726	0.0177762	0.289269	0.2323904	4.50E-02	7.32E-01	5.88E-01	1.61E-02	2.62E-01	2.11E-01
722	474618.71, 3848380.61	7.48282	110.181	94.9867	0.0211106	0.3108437	0.2679772	5.35E-02	7.87E-01	6.79E-01	1.92E-02	2.82E-01	2.43E-01
723	474618.71, 3848405.61	8.82408	117.23	107.163	0.0248946	0.3307298	0.302329	6.30E-02	8.37E-01	7.66E-01	2.26E-02	3.00E-01	2.74E-01
724	474618.71, 3848430.61	10.588	125.694	118.908	0.0298708	0.3546089	0.3354646	7.56E-02	8.98E-01	8.49E-01	2.71E-02	3.22E-01	3.04E-01
725	474643.71, 3848080.61	1.72534	25.5173	20.7492	0.0048675	0.0719897	0.0585379	1.23E-02	1.82E-01	1.48E-01	4.42E-03	6.53E-02	5.31E-02
726	474643.71, 3848105.61	1.79713	27.9405	22.3392	0.0050701	0.078826	0.0630234	1.28E-02	2.00E-01	1.60E-01	4.60E-03	7.15E-02	5.72E-02
727	474643.71, 3848130.61	1.9123	31.094	25.3818	0.005395	0.0877226	0.0716072	1.37E-02	2.22E-01	1.81E-01	4.90E-03	7.96E-02	6.50E-02
728	474643.71, 3848155.61	2.08768	36.5138	29.8633	0.0058898	0.1030131	0.0842506	1.49E-02	2.61E-01	2.13E-01	5.34E-03	9.35E-02	7.64E-02
729	474643.71, 3848180.61	2.33301	43.582	34.5985	0.0065819	0.1229539	0.0976095	1.67E-02	3.11E-01	2.47E-01	5.97E-03	1.12E-01	8.86E-02
730	474643.71, 3848205.61	2.63741	52.0514	40.9335	0.0074407	0.1468478	0.1154818	1.88E-02	3.72E-01	2.92E-01	6.75E-03	1.33E-01	1.05E-01
731	474643.71, 3848230.61	2.94568	59.5816	46.4092	0.0083104	0.1680921	0.1309299	2.10E-02	4.26E-01	3.32E-01	7.54E-03	1.53E-01	1.19E-01
732	474643.71, 3848255.61	3.26962	67.9971	51.4644	0.0092243	0.191834	0.1451919	2.34E-02	4.86E-01	3.68E-01	8.37E-03	1.74E-01	1.32E-01
733	474643.71, 3848280.61	3.6775	78.7308	59.1931	0.010375	0.2221159	0.1669961	2.63E-02	5.62E-01	4.23E-01	9.41E-03	2.02E-01	1.52E-01
734	474643.71, 3848305.61	4.14916	85.3825	65.3164	0.0117056	0.2408817	0.184271	2.96E-02	6.10E-01	4.67E-01	1.06E-02	2.19E-01	1.67E-01
735	474643.71, 3848330.61	4.71154	89.142	70.0688	0.0132922	0.2514881	0.1976787	3.37E-02	6.37E-01	5.01E-01	1.21E-02	2.28E-01	1.79E-01
736	474643.71, 3848355.61	5.42784	91.9812	73.7513	0.0153131	0.2594981	0.2080678	3.88E-02	6.57E-01	5.27E-01	1.39E-02	2.35E-01	1.89E-01
737	474643.71, 3848380.61	6.52358	103.106	83.9486	0.0184044	0.2908844	0.2368364	4.66E-02	7.37E-01	6.00E-01	1.67E-02	2.64E-01	2.15E-01
738	474643.71, 3848405.61	7.65156	110.517	96.3195	0.0215866	0.3117907	0.2717372	5.47E-02	7.90E-01	6.88E-01	1.96E-02	2.83E-01	2.47E-01
739	474643.71, 3848430.61	9.03317	117.796	108.287	0.0254845	0.3323273	0.3055009	6.45E-02	8.42E-01	7.74E-01	2.31E-02	3.02E-01	2.77E-01
740	474643.71, 3848455.61	10.8528	126.598	120.271	0.030618	0.3571599	0.3393103	7.75E-02	9.04E-01	8.59E-01	2.78E-02	3.24E-01	3.08E-01
741	474668.71, 3848105.61	1.76709	27.9657	22.2406	0.0049853	0.078897	0.0627454	1.26E-02	2.00E-01	1.59E-01	4.52E-03	7.16E-02	5.69E-02
742	474668.71, 3848130.61	1.82496	29.3708	23.5447	0.0051486	0.0828611	0.0664244	1.30E-02	2.10E-01	1.68E-01	4.67E-03	7.52E-02	6.03E-02
743	474668.71, 3848155.61	1.92154	32.2567	26.7577	0.0054211	0.0910027	0.0754891	1.37E-02	2.30E-01	1.91E-01	4.92E-03	8.26E-02	6.85E-02
744	474668.71, 3848180.61	2.10047	37.7132	30.3115	0.0059259	0.1063969	0.085515	1.50E-02	2.69E-01	2.17E-01	5.38E-03	9.65E-02	7.76E-02
745	474668.71, 3848205.61	2.40522	46.5132	36.4196	0.0067856	0.1312234	0.1027471	1.72E-02	3.32E-01	2.60E-01	6.16E-03	1.19E-01	9.32E-02
746	474668.71, 3848230.61	2.66864	53.7179	41.5951	0.0075288	0.1515494	0.1173484	1.91E-02	3.84E-01	2.97E-01	6.83E-03	1.38E-01	1.06E-01
747	474668.71, 3848255.61	2.97856	61.9649	47.0246	0.0084031	0.1748158	0.1326661	2.13E-02	4.43E-01	3.36E-01	7.62E-03	1.59E-01	1.20E-01
748	474668.71, 3848280.61	3.32208	71.6291	53.1417	0.0093723	0.2020805	0.1499237	2.37E-02	5.12E-01	3.80E-01	8.50E-03	1.83E-01	1.36E-01
749	474668.71, 3848305.61	3.72326	79.4002	59.567	0.0105041	0.2240046	0.168051	2.66E-02	5.67E-01	4.26E-01	9.53E-03	2.03E-01	1.52E-01
750	474668.71, 3848330.61	4.22671	84.5752	65.5001	0.0119244	0.2386041	0.1847895	3.02E-02	6.04E-01	4.68E-01	1.08E-02	2.16E-01	1.68E-01
751	474668.71, 3848355.61	4.82821	88.6412	69.6853	0.0136214	0.2500754	0.1965967	3.45E-02	6.33E-01	4.98E-01	1.24E-02	2.27E-01	1.78E-01
752	474668.71, 3848380.61	5.61245	93.1808	73.8997	0.0158339	0.2628824	0.2084864	4.01E-02	6.66E-01	5.28E-01	1.44E-02	2.39E-01	1.89E-01
753	474668.71, 3848405.61	6.69835	103.89	84.9116	0.0188974	0.293096	0.2395534	4.79E-02	7.42E-01	6.07E-01	1.71E-02	2.66E-01	2.17E-01
754	474668.71, 3848430.61	7.8299	110.896	97.01	0.0220898	0.31286	0.2736854	5.59E-02	7.92E-01	6.93E-01	2.00E-02	2.84E-01	2.48E-01
755	474668.71, 3848455.61	9.25035	118.447	109.483	0.0260972	0.3341633	0.3088741	6.61E-02	8.46E-01	7.82E-01	2.37E-02	3.03E-01	2.80E-01
756	474668.71, 3848480.61	11.0835	127.456	121.85	0.0312689	0.3595785	0.3437641	7.92E-02	9.11E-01	8.70E-01	2.84E-02	3.26E-01	3.12E-01
757	474693.71, 3848130.61	1.80538	29.9762	23.5902	0.0050934	0.0845691	0.0665528	1.29E-02	2.14E-01	1.69E-01	4.62E-03	7.67E-02	6.04E-02
758	474693.71, 3848155.61	1.88184	31.8243	25.7913	0.0053091	0.0897829	0.0727627	1.34E-02	2.27E-01	1.84E-01	4.82E-03	8.15E-02	6.60E-02
759	474693.71, 3848180.61	2.02389	36.4973	29.498	0.0057098	0.1029664	0.08322	1.45E-02	2.61E-01	2.11E-01	5.18E-03	9.34E-02	7.55E-02
760	474693.71, 3848205.61	2.2627	43.8241	34.3318	0.0063835	0.123637	0.0968572	1.62E-02	3.13E-01	2.45E-01	5.79E-03	1.12E-01	8.79E-02
761	474693.71, 3848230.61	2.45321	49.4523	38.5986	0.006921	0.1395152	0.1088945	1.75E-02	3.53E-01	2.76E-01	6.28E-03	1.27E-01	9.88E-02
762	474693.71, 3848255.61	2.68569	55.6005	42.6076	0.0075769	0.1568607	0.120205	1.92E-02	3.97E-01	3.04E-01	6.87E-03	1.42E-01	1.09E-01
763	474693.71, 3848280.61	2.99027	63.4267	47.5871	0.0084362	0.1789399	0.1342531	2.14E-02	4.53E-01	3.40E-01	7.65E-03	1.62E-01	1.22E-01
764	474693.71, 3848305.61	3.3893	73.3451	54.5527	0.0095619	0.2069216	0.1539044	2.42E-02	5.24E-01	3.90E-01	8.68E-03	1.88E-01	1.40E-01
765	474693.71, 3848330.61	3.80181	80.2425	60.6795	0.0107257	0.2263808	0.1711896	2.72E-02	5.73E-01	4.33E-01	9.73E-03	2.05E-01	1.55E-01
766	474693.71, 3848355.61	4.33737	84.7986	65.8225	0.0122366	0.2392346	0.1856991	3.10E-02	6.06E-01	4.70E-01	1.11E-02	2.17E-01	1.68E-01
767	474693.71, 3848380.61	4.96247	87.5295	69.1243	0.0140002	0.246939	0.1950141	3.55E-02	6.25E-01	4.94E-01	1.27E-02	2.24E-01	1.77E-01
768	474693.71, 3848405.61	5.79796	94.9389	75.577	0.0163573	0.2678425	0.2132185	4.14E-02	6.78E-01	5.40E-01	1.48E-02	2.43E-01	1.93E-01
769	474693.71, 3848430.61	6.86566	104.537	86.7519	0.0193695	0.2949203	0.2447453	4.90E-02	7.47E-01	6.20E-01	1.76E-02	2.68E-01	2.22E-01
770	474693.71, 3848455.61	8.00407	111.262	97.7003	0.0225811	0.3138936	0.2756329	5.72E-02	7.95E-01	6.98E-01	2.05E-02	2.85E-01	2.50E-01
771	474693.71, 3848480.61	9.4748	119.132	110.72	0.0267304	0.3360948	0.3123651	6.77E-02	8.51E-01	7.91E-01	2.43E-02	3.05E-01	2.83E-01
772	474718.71, 3848155.61	1.85053	31.9012	25.2131	0.0052207	0.0899999	0.0711313	1.32E-02	2.28E-01	1.80E-01	4.74E-03	8.17E-02	6.45E-02
773	474718.71, 3848180.61	1.91572	33.8214	27.7412	0.0054046	0.0954172	0.0782638	1.37E-02	2.42E-01	1.98E-01	4.90E-03	8.66E-02	7.10E-02
774	474718.71, 3848205.61	2.06293	38.3731	30.4119	0.00582	0.1082584	0.0857983	1.47E-02	2.74E-01	2.17E-01	5.28E-03	9.82E-02	7.78E-02
775	474718.71, 3848230.61	2.23532	44.0752	33.7931	0.0063063	0.1243454	0.0953373	1.60E-02	3.15E-01	2.41E-01	5.72E-03	1.13E-01	8.65E-02
776	474718.71, 3848255.61	2.421	48.8729	37.6796	0.0068301	0.1378805	0.1063019	1.73E-02	3.49E-01	2.69E-01	6.20E-03	1.25E-01	9.65E-02
777	474718.71, 3848280.61	2.70848	56.5164	42.5177	0.0076412	0.1594446	0.1199511	1.93E-02	4.04E-01	3.04E-01	6.93E-03	1.45E-01	1.09E-01
778	474718.71, 3848305.61	3.04845	66.3167	48.7233	0.0086003	0.1870931	0.1374584	2.18E-02	4.74E-01	3.48E-01	7.80E-03	1.70E-01	1.25E-01
779	474718.71, 3848330.61	3.4153	74.5702	55.044	0.0096353	0.2103779	0.1552907	2.44E-02	5.33E-01	3.93E-01	8.74E-03	1.91E-01	1.41E-01
780	474718.71, 3848355.61	3.89981	80.2691	61.4185	0.0110022	0.2264557	0.1732743	2.79E-02	5.73E-01	4.39E-01	9.98E-03	2.05E-01	1.57E-01
781	474718.71, 3848380.61	4.44242	84.0857	65.4025	0.012533	0.2372234	0.184514	3.17E-02	6.01E-01	4.67E-01	1.14E-02	2.15E-01	1.67E-01
782	474718.71, 3848405.61	5.06948	85.7831	68.2268	0.0143021	0.2420119	0.1924821	3.62E-02	6.13E-01	4.87E-01	1.30E-02	2.20E-01	1.75E-01
783	474718.71, 3848430.61	5.96326	95.8097	76.7276	0.0168236	0.270299	0.2164646	4.26E-02	6.84E-01	5.48E-01	1.53E-02	2.45E-01	1.96E-01
784	474718.71, 3848455.61	7.00829	105.008	87.7278	0.0197718	0.2962492	0.2474984	5.01E-02	7.50E-01	6.27E-01	1.79E-02	2.69E-01	2.25E-01
785	474718.71, 3848480.61	8.17892	111.912	99.4691	0.0230744	0.3157278	0.2806231	5.84E-02	7.99E-01	7.11E-01	2.09E-02	2.86E-01	2.55E-01
786	474718.71, 3848505.61	9.66826	119.99	111.913	0.0272762	0.3385176	0.3157301	6.91E-02	8.57E-01	7.99E-01	2.47E-02	3.07E-01	2.86E-01
787	474743.71, 3848180.61	1.81885	31.2277	25.3546	0.0051314	0.0880999	0.0715305	1.30E-02	2.23E-01	1.81E-01	4.66E-03	7.99E-02	6.49E-02
788	474743.71, 3848205.61	1.88794	33.4306	27.2353	0.0053263	0.0943146	0.0768363	1.35E-02	2.39E-01	1.95E-01	4.83E-03	8.56E-02	6.97E-02
789	474743.71, 3848230.61	1.99668	37.2484	29.132	0.005633	0.1050853	0.0821874	1.43E-02	2.66E-01	2.08E-01	5.11E-03	9.53E-02	7.46E-02
790	474743.71, 3848255.61	2.19793	43.2979	33.8075	0.0062008	0.1221525	0.095378	1.57E-02	3.09E-01	2.42E-01	5.63E-03	1.11E-01	8.65E-02
791	474743.71, 3848280.61	2.45677	50.3086	38.786	0.0069311	0.1419309	0.1094233	1.76E-02	3.59E-01	2.77E-01	6.29E-03	1.29E-01	9.93E-02
792	474743.71, 3848305.61	2.76454	59.3914	44.2983	0.0077993	0.1675556	0.1249748	1.97E-02	4.24E-01	3.16E-01	7.08E-03	1.52E-01	1.13E-01
793	474743.71, 3848330.61	3.11768	68.7119	50.4666	0.0087956	0.1938506	0.1423768	2.23E-02	4.91E-01	3.61E-01	7.98E-03	1.76E-01	1.29E-01
794	474743.71, 3848355.61	3.54193	75.9411	57.0002	0.0099925	0.2142457	0.1608095	2.53E-02	5.43E-01	4.07E-01	9.07E-03	1.94E-01	1.46E-01
795	474743.71, 3848380.61	4.01688	80.6325	61.9599	0.0113325	0.2274809	0.1748019	2.87E-02	5.76E-01	4.43E-01	1.03E-02	2.06E-01	1.59E-01

796	474743.71, 3848405.61	4.52634	84.0598	65.1545	0.0127697	0.2371503	0.1838145	3.23E-02	6.01E-01	4.65E-01	1.16E-02	2.15E-01	1.67E-01
797	474743.71, 3848430.61	5.17399	86.2198	68.2601	0.0145969	0.2432439	0.192576	3.70E-02	6.16E-01	4.88E-01	1.32E-02	2.21E-01	1.75E-01
798	474743.71, 3848455.61	6.14499	97.1353	77.8609	0.0173363	0.274039	0.2196619	4.39E-02	6.94E-01	5.56E-01	1.57E-02	2.49E-01	1.99E-01
799	474743.71, 3848480.61	7.14352	105.368	88.0301	0.0201534	0.2972664	0.2483512	5.10E-02	7.53E-01	6.29E-01	1.83E-02	2.70E-01	2.25E-01
800	474743.71, 3848505.61	8.30342	112.551	101.254	0.0234257	0.3175301	0.2856572	5.93E-02	8.04E-01	7.23E-01	2.13E-02	2.88E-01	2.59E-01
801	474743.71, 3848530.61	9.85033	121.038	113.25	0.0277898	0.3414728	0.3195015	7.04E-02	8.65E-01	8.09E-01	2.52E-02	3.10E-01	2.90E-01
802	474768.71, 3848205.61	1.73373	28.9336	24.0471	0.0048912	0.0816277	0.0678418	1.24E-02	2.07E-01	1.72E-01	4.44E-03	7.41E-02	6.16E-02
803	474768.71, 3848230.61	1.87631	33.8405	27.1207	0.0052935	0.0954711	0.0765131	1.34E-02	2.42E-01	1.94E-01	4.80E-03	8.66E-02	6.94E-02
804	474768.71, 3848255.61	2.0393	38.8957	30.191	0.0057533	0.1097329	0.085175	1.46E-02	2.78E-01	2.16E-01	5.22E-03	9.96E-02	7.73E-02
805	474768.71, 3848280.61	2.27187	45.9494	35.2233	0.0064094	0.1296327	0.0993724	1.62E-02	3.28E-01	2.52E-01	5.82E-03	1.18E-01	9.02E-02
806	474768.71, 3848305.61	2.54682	53.495	40.1157	0.0071851	0.1509205	0.1131747	1.82E-02	3.82E-01	2.87E-01	6.52E-03	1.37E-01	1.03E-01
807	474768.71, 3848330.61	2.87313	62.9756	45.9387	0.0081057	0.1776672	0.1296025	2.05E-02	4.50E-01	3.28E-01	7.35E-03	1.61E-01	1.18E-01
808	474768.71, 3848355.61	3.2473	71.7229	52.883	0.0091613	0.2023453	0.1491938	2.32E-02	5.12E-01	3.78E-01	8.31E-03	1.84E-01	1.35E-01
809	474768.71, 3848380.61	3.62802	77.0394	58.0303	0.0102354	0.2173442	0.1637157	2.59E-02	5.50E-01	4.15E-01	9.29E-03	1.97E-01	1.49E-01
810	474768.71, 3848405.61	4.07348	80.4502	61.3665	0.0114921	0.2269668	0.1731276	2.91E-02	5.75E-01	4.38E-01	1.04E-02	2.06E-01	1.57E-01
811	474768.71, 3848430.61	4.60281	83.9913	64.5051	0.0129855	0.236957	0.1819823	3.29E-02	6.00E-01	4.61E-01	1.18E-02	2.15E-01	1.65E-01
812	474768.71, 3848455.61	5.28996	86.7344	68.9903	0.0149241	0.2446958	0.194636	3.78E-02	6.20E-01	4.93E-01	1.35E-02	2.22E-01	1.77E-01
813	474768.71, 3848480.61	6.20537	97.4853	78.2145	0.0175066	0.2750263	0.2206594	4.43E-02	6.96E-01	5.59E-01	1.59E-02	2.50E-01	2.00E-01
814	474768.71, 3848505.61	7.22185	105.541	88.1839	0.0203743	0.2977536	0.2487852	5.16E-02	7.54E-01	6.30E-01	1.85E-02	2.70E-01	2.26E-01
815	474768.71, 3848530.61	8.42448	113.179	102.717	0.0237672	0.3193007	0.2897857	6.02E-02	8.09E-01	7.34E-01	2.16E-02	2.90E-01	2.63E-01
816	474768.71, 3848555.61	10.0932	122.155	114.451	0.0284751	0.3446257	0.3228911	7.21E-02	8.73E-01	8.18E-01	2.58E-02	3.13E-01	2.93E-01
817	474793.71, 3848205.61	1.66386	27.3058	22.9262	0.0046941	0.0770353	0.0646797	1.19E-02	1.95E-01	1.64E-01	4.26E-03	6.99E-02	5.87E-02
818	474793.71, 3848230.61	1.73236	29.431	24.0792	0.0048873	0.0830309	0.0679323	1.24E-02	2.10E-01	1.72E-01	4.43E-03	7.53E-02	6.16E-02
819	474793.71, 3848255.61	1.8869	34.7043	27.1888	0.0053233	0.097908	0.0767052	1.35E-02	2.48E-01	1.94E-01	4.83E-03	8.88E-02	6.96E-02
820	474793.71, 3848280.61	2.09678	41.3052	32.0094	0.0059155	0.1165304	0.0903052	1.50E-02	2.95E-01	2.29E-01	5.37E-03	1.06E-01	8.19E-02
821	474793.71, 3848305.61	2.34928	48.403	37.1114	0.0066278	0.136555	0.1046991	1.68E-02	3.46E-01	2.65E-01	6.01E-03	1.24E-01	9.50E-02
822	474793.71, 3848330.61	2.66082	57.9373	42.8351	0.0075067	0.163453	0.1208468	1.90E-02	4.14E-01	3.06E-01	6.81E-03	1.48E-01	1.10E-01
823	474793.71, 3848355.61	2.98081	66.4054	48.3529	0.0084095	0.1873435	0.1364135	2.13E-02	4.74E-01	3.45E-01	7.63E-03	1.70E-01	1.24E-01
824	474793.71, 3848380.61	3.30774	72.5857	53.8757	0.0093318	0.2047794	0.1519945	2.36E-02	5.19E-01	3.85E-01	8.47E-03	1.86E-01	1.38E-01
825	474793.71, 3848405.61	3.69626	77.0781	58.2636	0.0104279	0.2174534	0.1643739	2.64E-02	5.51E-01	4.16E-01	9.46E-03	1.97E-01	1.49E-01
826	474793.71, 3848430.61	4.15137	80.0476	60.9527	0.0117119	0.2258308	0.1719601	2.97E-02	5.72E-01	4.35E-01	1.06E-02	2.05E-01	1.56E-01
827	474793.71, 3848455.61	4.68292	83.6448	64.4289	0.0132115	0.2359793	0.1817674	3.35E-02	5.98E-01	4.60E-01	1.20E-02	2.14E-01	1.65E-01
828	474793.71, 3848480.61	5.36006	86.9803	70.0092	0.0151218	0.2453896	0.1975104	3.83E-02	6.21E-01	5.00E-01	1.37E-02	2.23E-01	1.79E-01
829	474793.71, 3848505.61	6.21244	97.4145	78.2151	0.0175266	0.2748265	0.2206611	4.44E-02	6.96E-01	5.59E-01	1.59E-02	2.49E-01	2.00E-01
830	474793.71, 3848530.61	7.32217	105.887	89.4431	0.0206574	0.2987287	0.2523376	5.23E-02	7.56E-01	6.39E-01	1.87E-02	2.71E-01	2.29E-01
831	474793.71, 3848555.61	8.60459	113.807	104.493	0.0242753	0.3210744	0.2947961	6.15E-02	8.13E-01	7.46E-01	2.20E-02	2.91E-01	2.67E-01
832	474793.71, 3848580.61	10.3286	123.282	116.121	0.0291391	0.347803	0.327602	7.38E-02	8.81E-01	8.30E-01	2.64E-02	3.16E-01	2.97E-01
833	474818.71, 3848230.61	1.67749	28.3261	23.4609	0.0047325	0.0799137	0.0661881	1.20E-02	2.02E-01	1.68E-01	4.29E-03	7.25E-02	6.01E-02
834	474818.71, 3848255.61	1.80543	32.825	26.2101	0.0050935	0.0926061	0.0739441	1.29E-02	2.34E-01	1.87E-01	4.62E-03	8.40E-02	6.71E-02
835	474818.71, 3848280.61	1.98203	38.7517	29.9376	0.0055917	0.1093266	0.0844601	1.42E-02	2.77E-01	2.14E-01	5.07E-03	9.92E-02	7.66E-02
836	474818.71, 3848305.61	2.22659	46.2447	35.1399	0.0062817	0.130466	0.0991369	1.59E-02	3.30E-01	2.51E-01	5.70E-03	1.18E-01	9.00E-02
837	474818.71, 3848330.61	2.47879	52.901	39.2192	0.0069932	0.1492447	0.1106456	1.77E-02	3.78E-01	2.80E-01	6.35E-03	1.35E-01	1.00E-01
838	474818.71, 3848355.61	2.73697	60.841	44.0583	0.0077216	0.1716451	0.1242975	1.96E-02	4.35E-01	3.15E-01	7.01E-03	1.56E-01	1.13E-01
839	474818.71, 3848380.61	3.03737	67.8972	49.6068	0.0085691	0.191552	0.1399512	2.17E-02	4.85E-01	3.54E-01	7.78E-03	1.74E-01	1.27E-01
840	474818.71, 3848405.61	3.37974	73.1091	54.496	0.0095349	0.2062559	0.1537446	2.41E-02	5.22E-01	3.89E-01	8.65E-03	1.87E-01	1.39E-01
841	474818.71, 3848430.61	3.77531	76.7667	57.8511	0.0106509	0.2165748	0.16321	2.70E-02	5.48E-01	4.13E-01	9.66E-03	1.97E-01	1.48E-01
842	474818.71, 3848455.61	4.234	79.8427	60.5017	0.011945	0.2252527	0.1706878	3.02E-02	5.70E-01	4.32E-01	1.08E-02	2.04E-01	1.55E-01
843	474818.71, 3848480.61	4.75231	81.9694	64.214	0.0134073	0.2312528	0.1811611	3.39E-02	5.86E-01	4.59E-01	1.22E-02	2.10E-01	1.64E-01
844	474818.71, 3848505.61	5.40122	87.26	69.7527	0.015238	0.2461786	0.1967868	3.86E-02	6.23E-01	4.98E-01	1.38E-02	2.23E-01	1.79E-01
845	474818.71, 3848530.61	6.3003	97.4663	78.5404	0.0177745	0.2749728	0.2215787	4.50E-02	6.96E-01	5.61E-01	1.61E-02	2.49E-01	2.01E-01
846	474818.71, 3848555.61	7.43776	106.355	90.9359	0.0209835	0.3000499	0.256549	5.31E-02	7.60E-01	6.50E-01	1.90E-02	2.72E-01	2.33E-01
847	474818.71, 3848580.61	8.77081	114.444	105.445	0.0247443	0.3228715	0.297481	6.27E-02	8.18E-01	7.53E-01	2.25E-02	2.93E-01	2.70E-01
848	474818.71, 3848605.61	10.543	124.541	117.297	0.029744	0.3513551	0.3309197	7.53E-02	8.90E-01	8.38E-01	2.70E-02	3.19E-01	3.00E-01
849	474843.71, 3848255.61	1.76528	32.0691	25.7489	0.0049802	0.0904736	0.0726429	1.26E-02	2.29E-01	1.84E-01	4.52E-03	8.21E-02	6.59E-02
850	474843.71, 3848280.61	1.92591	37.6427	28.8623	0.0054334	0.1061979	0.0814266	1.38E-02	2.69E-01	2.06E-01	4.93E-03	9.64E-02	7.39E-02
851	474843.71, 3848305.61	2.10642	43.1207	32.9785	0.0059426	0.1216524	0.0930392	1.50E-02	3.08E-01	2.36E-01	5.39E-03	1.10E-01	8.44E-02
852	474843.71, 3848330.61	2.30033	48.3415	36.6855	0.0064897	0.1363814	0.1034973	1.64E-02	3.45E-01	2.62E-01	5.89E-03	1.24E-01	9.39E-02
853	474843.71, 3848355.61	2.52356	55.2347	40.6758	0.0071195	0.1558287	0.1147549	1.80E-02	3.95E-01	2.91E-01	6.46E-03	1.41E-01	1.04E-01
854	474843.71, 3848380.61	2.79612	62.8923	45.4409	0.0078884	0.1774323	0.1281982	2.00E-02	4.49E-01	3.25E-01	7.16E-03	1.61E-01	1.16E-01
855	474843.71, 3848405.61	3.09992	68.8407	50.7417	0.0087455	0.1942139	0.1431529	2.21E-02	4.92E-01	3.62E-01	7.94E-03	1.76E-01	1.30E-01
856	474843.71, 3848430.61	3.44729	73.4379	54.9417	0.0097255	0.2071835	0.1550019	2.46E-02	5.25E-01	3.92E-01	8.82E-03	1.88E-01	1.41E-01
857	474843.71, 3848455.61	3.84015	76.3738	57.4438	0.0108339	0.2154665	0.1620608	2.74E-02	5.46E-01	4.10E-01	9.83E-03	1.96E-01	1.47E-01
858	474843.71, 3848480.61	4.26595	80.0434	60.5852	0.0120351	0.225819	0.1709234	3.05E-02	5.72E-01	4.33E-01	1.09E-02	2.05E-01	1.55E-01
859	474843.71, 3848505.61	4.78116	82.5879	64.5137	0.0134886	0.2329975	0.1820067	3.42E-02	5.90E-01	4.61E-01	1.22E-02	2.11E-01	1.65E-01
860	474843.71, 3848530.61	5.45376	87.5526	69.8483	0.0153862	0.247004	0.1970567	3.90E-02	6.25E-01	4.99E-01	1.40E-02	2.24E-01	1.79E-01
861	474843.71, 3848555.61	6.38763	96.9205	78.5442	0.0180208	0.2734328	0.2215895	4.56E-02	6.92E-01	5.61E-01	1.64E-02	2.48E-01	2.01E-01
862	474843.71, 3848580.61	7.55762	106.743	92.1102	0.0213216	0.301143	0.259862	5.40E-02	7.63E-01	6.58E-01	1.93E-02	2.73E-01	2.36E-01
863	474843.71, 3848605.61	8.91047	115.196	106.22	0.0251383	0.3249909	0.2996693	6.37E-02	8.23E-01	7.59E-01	2.28E-02	2.95E-01	2.72E-01
864	474843.71, 3848630.61	10.7853	125.843	118.397	0.0304276	0.3550288	0.3340234	7.70E-02	8.99E-01	8.46E-01	2.76E-02	3.22E-01	3.03E-01
865	474868.71, 3848280.61	1.83672	35.1884	27.6143	0.0051818	0.0992739	0.0779057	1.31E-02	2.51E-01	1.97E-01	4.70E-03	9.01E-02	7.07E-02
866	474868.71, 3848305.61	1.96719	39.6172	30.4483	0.0055499	0.1117683	0.0859009	1.41E-02	2.83E-01	2.18E-01	5.04E-03	1.01E-01	7.79E-02
867	474868.71, 3848330.61	2.09185	43.2469	32.5854	0.0059015	0.1220084	0.0919303	1.49E-02	3.09E-01	2.33E-01	5.35E-03	1.11E-01	8.34E-02
868	474868.71, 3848355.61	2.3238	49.8618	36.8388	0.0065559	0.1406704	0.10393	1.66E-02	3.56E-01	2.63E-01	5.95E-03	1.28E-01	9.43E-02
869	474868.71, 3848380.61	2.58162	57.7826	41.5266	0.0072833	0.1630167	0.1171552	1.84E-02	4.13E-01	2.97E-01	6.61E-03	1.48E-01	1.06E-01
870	474868.71, 3848405.61	2.88079	64.7348	47.0126	0.0081273	0.1826302	0.1326323	2.06E-02	4.62E-01	3.36E-01	7.37E-03	1.66E-01	1.20E-01
871	474868.71, 3848430.61	3.19276	69.6673	51.7031	0.0090074	0.1965461	0.1458652	2.28E-02	4.98E-01	3.69E-01	8.17E-03	1.78E-01	1.32E-01
872	474868.71, 3848455.61	3.50968	73.4557	54.7596	0.0099015	0.2072339	0.1544883	2.51E-02	5.25E-01	3.91E-01	8.98E-03	1.88E-01	1.40E-01
873	474868.71, 3848480.61	3.87064	76.2603	56.8314	0.0109199	0.2151461	0.1603333	2.77E-02	5.45E-01	4.06E-01	9.91E-03	1.95E-01	1.45E-01
874	474868.71, 3848505.61	4.30084	80.3093	61.2447	0.0121336	0.2265694	0.1727841	3.07E-02	5.74E-01	4.38E-01	1.10E-02	2.06E-01	1.57E-01
875	474868.71, 3848530.61	4.8112	83.7243	65.3457	0.0135734	0.2362037	0.1843537	3.44E-02	5.98E-01	4.67E-01	1.23E-02	2.14E-01	1.67E-01

876	474868.71, 3848555.61	5.51122	88.3116	70.6994	0.0155483	0.2491453	0.1994576	3.94E-02	6.31E-01	5.05E-01	1.41E-02	2.26E-01	1.81E-01
877	474868.71, 3848580.61	6.44133	96.2753	78.7776	0.0181723	0.2716126	0.222248	4.60E-02	6.88E-01	5.63E-01	1.65E-02	2.46E-01	2.02E-01
878	474868.71, 3848605.61	7.66105	106.895	92.6689	0.0216134	0.3015727	0.2614384	5.47E-02	7.64E-01	6.62E-01	1.96E-02	2.74E-01	2.37E-01
879	474868.71, 3848630.61	9.07299	116.028	106.926	0.0255968	0.3273381	0.3016594	6.48E-02	8.29E-01	7.64E-01	2.32E-02	2.97E-01	2.74E-01
880	474868.71, 3848655.61	10.9992	127.078	119.789	0.0310311	0.3585131	0.3379492	7.86E-02	9.08E-01	8.56E-01	2.82E-02	3.25E-01	3.07E-01
881	474893.71, 3848305.61	1.83666	35.9797	27.3993	0.0051816	0.1015063	0.0772991	1.31E-02	2.57E-01	1.96E-01	4.70E-03	9.21E-02	7.01E-02
882	474893.71, 3848330.61	1.97789	40.4146	30.6676	0.00558	0.1140179	0.0865196	1.41E-02	2.89E-01	2.19E-01	5.06E-03	1.03E-01	7.85E-02
883	474893.71, 3848355.61	2.17715	45.8843	34.5779	0.0061422	0.129449	0.0975515	1.56E-02	3.28E-01	2.47E-01	5.57E-03	1.17E-01	8.85E-02
884	474893.71, 3848380.61	2.43185	53.2734	39.1369	0.0068608	0.1502953	0.1104133	1.74E-02	3.81E-01	2.80E-01	6.23E-03	1.36E-01	1.00E-01
885	474893.71, 3848405.61	2.69682	60.5281	43.6767	0.0076083	0.1707625	0.1232209	1.93E-02	4.32E-01	3.12E-01	6.90E-03	1.55E-01	1.12E-01
886	474893.71, 3848430.61	2.95383	65.8309	48.1274	0.0083334	0.1857226	0.1357773	2.11E-02	4.70E-01	3.44E-01	7.56E-03	1.69E-01	1.23E-01
887	474893.71, 3848455.61	3.21657	69.8556	51.783	0.0090746	0.1970771	0.1460906	2.30E-02	4.99E-01	3.70E-01	8.23E-03	1.79E-01	1.33E-01
888	474893.71, 3848480.61	3.54227	73.0064	54.4478	0.0099935	0.2059662	0.1536087	2.53E-02	5.22E-01	3.89E-01	9.07E-03	1.87E-01	1.39E-01
889	474893.71, 3848505.61	3.90146	76.3655	57.0872	0.0110068	0.2154428	0.1610548	2.79E-02	5.46E-01	4.08E-01	9.99E-03	1.95E-01	1.46E-01
890	474893.71, 3848530.61	4.33031	80.3013	61.6083	0.0122167	0.2265467	0.1738099	3.09E-02	5.74E-01	4.40E-01	1.11E-02	2.06E-01	1.58E-01
891	474893.71, 3848555.61	4.93103	83.2462	65.4358	0.0139115	0.2348547	0.1846081	3.52E-02	5.95E-01	4.67E-01	1.26E-02	2.13E-01	1.68E-01
892	474893.71, 3848580.61	5.773	89.3911	71.7445	0.0162868	0.2521908	0.2024061	4.12E-02	6.39E-01	5.13E-01	1.48E-02	2.29E-01	1.84E-01
893	474893.71, 3848605.61	6.56514	96.9838	79.6298	0.0185216	0.2736115	0.2246523	4.69E-02	6.93E-01	5.69E-01	1.68E-02	2.48E-01	2.04E-01
894	474893.71, 3848630.61	7.81257	107.78	94.1051	0.0220409	0.3040701	0.2654902	5.58E-02	7.70E-01	6.72E-01	2.00E-02	2.76E-01	2.41E-01
895	474893.71, 3848655.61	9.30338	117.043	108.144	0.0262468	0.3302015	0.3050956	6.65E-02	8.36E-01	7.73E-01	2.38E-02	3.00E-01	2.77E-01
896	474918.71, 3848330.61	1.88131	37.926	29.0418	0.0053076	0.1069972	0.0819328	1.34E-02	2.71E-01	2.07E-01	4.82E-03	9.71E-02	7.43E-02
897	474918.71, 3848355.61	2.09146	43.5065	32.8426	0.0059004	0.1227409	0.0926558	1.49E-02	3.11E-01	2.35E-01	5.35E-03	1.11E-01	8.41E-02
898	474918.71, 3848380.61	2.32274	49.7344	36.7125	0.0065529	0.1403112	0.1035735	1.66E-02	3.55E-01	2.62E-01	5.95E-03	1.27E-01	9.40E-02
899	474918.71, 3848405.61	2.52484	56.2021	40.571	0.0071231	0.1585577	0.1144591	1.80E-02	4.01E-01	2.90E-01	6.46E-03	1.44E-01	1.04E-01
900	474918.71, 3848430.61	2.73666	61.8006	44.5961	0.0077207	0.1743524	0.125815	1.96E-02	4.41E-01	3.19E-01	7.01E-03	1.58E-01	1.14E-01
901	474918.71, 3848455.61	2.97883	66.0652	48.6496	0.0084039	0.1863836	0.1372507	2.13E-02	4.72E-01	3.48E-01	7.63E-03	1.69E-01	1.25E-01
902	474918.71, 3848480.61	3.26765	69.9289	51.7483	0.0092187	0.197284	0.1459926	2.33E-02	5.00E-01	3.70E-01	8.36E-03	1.79E-01	1.32E-01
903	474918.71, 3848505.61	3.57081	72.9382	54.0101	0.010074	0.205774	0.1523738	2.55E-02	5.21E-01	3.86E-01	9.14E-03	1.87E-01	1.38E-01
904	474918.71, 3848530.61	4.03957	76.3536	57.6398	0.0113965	0.2154093	0.1626139	2.89E-02	5.45E-01	4.12E-01	1.03E-02	1.95E-01	1.48E-01
905	474918.71, 3848555.61	4.51384	80.2108	61.785	0.0127345	0.2262912	0.1743084	3.22E-02	5.73E-01	4.41E-01	1.16E-02	2.05E-01	1.58E-01
906	474918.71, 3848580.61	4.98435	84.1693	66.0893	0.0140619	0.237459	0.1864517	3.56E-02	6.01E-01	4.72E-01	1.28E-02	2.15E-01	1.69E-01
907	474918.71, 3848605.61	5.66681	90.7688	71.6857	0.0159873	0.2560776	0.2022402	4.05E-02	6.48E-01	5.12E-01	1.45E-02	2.32E-01	1.84E-01
908	474918.71, 3848630.61	6.74528	98.4778	81.1077	0.0190298	0.2778264	0.2288218	4.82E-02	7.04E-01	5.79E-01	1.73E-02	2.52E-01	2.08E-01
909	474918.71, 3848655.61	7.9934	109.169	95.9928	0.022551	0.3079873	0.2708156	5.71E-02	7.80E-01	6.86E-01	2.05E-02	2.79E-01	2.46E-01
910	474918.71, 3848680.61	9.50461	118.226	109.574	0.0268145	0.3335388	0.3091322	6.79E-02	8.45E-01	7.83E-01	2.43E-02	3.03E-01	2.80E-01
911	474943.71, 3848330.61	1.7982	35.7467	26.968	0.0050731	0.1008489	0.0760824	1.28E-02	2.55E-01	1.93E-01	4.60E-03	9.15E-02	6.90E-02
912	474943.71, 3848355.61	1.98802	40.9465	31.0773	0.0056086	0.1155185	0.0876754	1.42E-02	2.93E-01	2.22E-01	5.09E-03	1.05E-01	7.96E-02
913	474943.71, 3848380.61	2.1749	46.001	34.7057	0.0061358	0.1297783	0.0979121	1.55E-02	3.29E-01	2.48E-01	5.57E-03	1.18E-01	8.88E-02
914	474943.71, 3848405.61	2.35071	51.4903	37.7467	0.0066318	0.1452648	0.1064914	1.68E-02	3.68E-01	2.70E-01	6.02E-03	1.32E-01	9.66E-02
915	474943.71, 3848430.61	2.55453	57.677	41.3822	0.0072069	0.1627187	0.1167478	1.82E-02	4.12E-01	2.96E-01	6.54E-03	1.48E-01	1.06E-01
916	474943.71, 3848455.61	2.78957	62.7076	45.4273	0.00787	0.1769111	0.12816	1.99E-02	4.48E-01	3.25E-01	7.14E-03	1.61E-01	1.16E-01
917	474943.71, 3848480.61	3.03027	66.5263	48.9747	0.008549	0.1876846	0.1381678	2.16E-02	4.75E-01	3.50E-01	7.76E-03	1.70E-01	1.25E-01
918	474943.71, 3848505.61	3.43821	69.8644	52.2102	0.0096999	0.1971021	0.1472958	2.46E-02	4.99E-01	3.73E-01	8.80E-03	1.79E-01	1.34E-01
919	474943.71, 3848530.61	3.7249	72.6524	54.0013	0.0105087	0.2049674	0.1523488	2.66E-02	5.19E-01	3.86E-01	9.53E-03	1.86E-01	1.38E-01
920	474943.71, 3848555.61	4.03888	76.2756	58.1595	0.0113945	0.2151893	0.1640801	2.89E-02	5.45E-01	4.15E-01	1.03E-02	1.95E-01	1.49E-01
921	474943.71, 3848580.61	4.46169	80.9216	62.5471	0.0125874	0.2282966	0.1764584	3.19E-02	5.78E-01	4.47E-01	1.14E-02	2.07E-01	1.60E-01
922	474943.71, 3848605.61	5.02357	85.4077	66.7624	0.0141725	0.2409528	0.1883507	3.59E-02	6.10E-01	4.77E-01	1.29E-02	2.19E-01	1.71E-01
923	474943.71, 3848630.61	5.89761	91.9612	72.508	0.0166384	0.2594416	0.2045603	4.21E-02	6.57E-01	5.18E-01	1.51E-02	2.35E-01	1.86E-01
924	474943.71, 3848655.61	6.92646	100.438	82.9698	0.019541	0.2833573	0.2340752	4.95E-02	7.18E-01	5.93E-01	1.77E-02	2.57E-01	2.12E-01
925	474943.71, 3848680.61	8.1469	110.113	97.312	0.0229841	0.3106506	0.2745375	5.82E-02	7.87E-01	6.95E-01	2.09E-02	2.82E-01	2.49E-01
926	474943.71, 3848705.61	9.74288	119.637	111.1	0.0274867	0.3375197	0.313437	6.96E-02	8.55E-01	7.94E-01	2.49E-02	3.06E-01	2.84E-01
927	474968.71, 3848355.61	1.84515	37.6237	28.6609	0.0052056	0.1061444	0.0808583	1.32E-02	2.69E-01	2.05E-01	4.72E-03	9.63E-02	7.34E-02
928	474968.71, 3848380.61	1.9906	41.8394	31.2133	0.0056159	0.1180376	0.0880593	1.42E-02	2.99E-01	2.23E-01	5.10E-03	1.07E-01	7.99E-02
929	474968.71, 3848405.61	2.17258	46.5326	34.3386	0.0061293	0.1312783	0.0968764	1.55E-02	3.32E-01	2.45E-01	5.56E-03	1.19E-01	8.79E-02
930	474968.71, 3848430.61	2.45262	53.9317	39.1451	0.0069194	0.1521526	0.1104365	1.75E-02	3.85E-01	2.80E-01	6.28E-03	1.38E-01	1.00E-01
931	474968.71, 3848455.61	2.76468	60.2021	44.0519	0.0077997	0.1698427	0.1242796	1.98E-02	4.30E-01	3.15E-01	7.08E-03	1.54E-01	1.13E-01
932	474968.71, 3848480.61	2.84653	63.2292	46.5732	0.0080307	0.1783826	0.1313927	2.03E-02	4.52E-01	3.33E-01	7.29E-03	1.62E-01	1.19E-01
933	474968.71, 3848505.61	3.15251	67.0675	49.819	0.0088939	0.1892113	0.1405498	2.25E-02	4.79E-01	3.56E-01	8.07E-03	1.72E-01	1.28E-01
934	474968.71, 3848530.61	3.382	69.4736	51.4215	0.0095413	0.1959994	0.1450707	2.42E-02	4.96E-01	3.67E-01	8.66E-03	1.78E-01	1.32E-01
935	474968.71, 3848555.61	3.67104	72.8855	54.7567	0.0103568	0.2056252	0.15448	2.62E-02	5.21E-01	3.91E-01	9.40E-03	1.87E-01	1.40E-01
936	474968.71, 3848580.61	4.07995	76.5834	58.7205	0.0115104	0.2160577	0.1656627	2.91E-02	5.47E-01	4.19E-01	1.04E-02	1.96E-01	1.50E-01
937	474968.71, 3848605.61	4.58649	81.0048	62.6969	0.0129394	0.2285313	0.1768809	3.28E-02	5.79E-01	4.48E-01	1.17E-02	2.07E-01	1.60E-01
938	474968.71, 3848630.61	5.16671	85.5129	66.8919	0.0145764	0.2412498	0.1887159	3.69E-02	6.11E-01	4.78E-01	1.32E-02	2.19E-01	1.71E-01
939	474968.71, 3848655.61	6.07922	93.0213	73.5332	0.0171507	0.2624323	0.2074523	4.34E-02	6.65E-01	5.25E-01	1.56E-02	2.38E-01	1.88E-01
940	474968.71, 3848680.61	7.09944	102.229	84.8487	0.020029	0.2884081	0.2393758	5.07E-02	7.30E-01	6.06E-01	1.82E-02	2.62E-01	2.17E-01
941	474968.71, 3848705.61	8.35756	111.422	99.6535	0.0235784	0.3143455	0.2811434	5.97E-02	7.96E-01	7.12E-01	2.14E-02	2.85E-01	2.55E-01
942	474968.71, 3848730.61	9.99486	121.167	112.669	0.0281976	0.3418373	0.3178628	7.14E-02	8.66E-01	8.05E-01	2.56E-02	3.10E-01	2.88E-01
943	474993.71, 3848380.61	2.10877	43.6851	33.533	0.0059493	0.1232447	0.0946035	1.51E-02	3.12E-01	2.40E-01	5.40E-03	1.12E-01	8.58E-02
944	474993.71, 3848405.61	2.26651	47.218	35.7618	0.0063943	0.1332118	0.1008915	1.62E-02	3.37E-01	2.55E-01	5.80E-03	1.21E-01	9.15E-02
945	474993.71, 3848430.61	2.38647	50.8398	37.7482	0.0067327	0.1434298	0.1064956	1.70E-02	3.63E-01	2.70E-01	6.11E-03	1.30E-01	9.66E-02
946	474993.71, 3848455.61	2.51759	55.7282	40.2503	0.0071026	0.1572208	0.1135544	1.80E-02	3.98E-01	2.88E-01	6.44E-03	1.43E-01	1.03E-01
947	474993.71, 3848480.61	2.66943	60.1008	43.2567	0.007531	0.1695569	0.122036	1.91E-02	4.29E-01	3.09E-01	6.83E-03	1.54E-01	1.11E-01
948	474993.71, 3848505.61	2.89346	63.6311	46.5918	0.0081631	0.1795164	0.131445	2.07E-02	4.55E-01	3.33E-01	7.41E-03	1.63E-01	1.19E-01
949	474993.71, 3848530.61	3.14172	66.6451	49.2566	0.0088634	0.1880197	0.1389631	2.24E-02	4.76E-01	3.52E-01	8.04E-03	1.71E-01	1.26E-01
950	474993.71, 3848555.61	3.4315	69.6662	51.3938	0.009681	0.196543	0.1449925	2.45E-02	4.98E-01	3.67E-01	8.78E-03	1.78E-01	1.32E-01
951	474993.71, 3848580.61	3.78365	72.8197	55.0722	0.0106745	0.2054396	0.1553701	2.70E-02	5.20E-01	3.93E-01	9.69E-03	1.86E-01	1.41E-01
952	474993.71, 3848605.61	4.21984	76.612	58.9291	0.011905	0.2161383	0.1662513	3.01E-02	5.47E-01	4.21E-01	1.08E-02	1.96E-01	1.51E-01
953	474993.71, 3848630.61	4.71916	81.2957	63.1214	0.0133137	0.2293522	0.1780787	3.37E-02	5.81E-01	4.51E-01	1.21E-02	2.08E-01	1.62E-01
954	474993.71, 3848655.61	5.30354	86.4056	67.4576	0.0149624	0.243768	0.1903119	3.79E-02	6.17E-01	4.82E-01	1.36E-02	2.21E-01	1.73E-01
955	474993.71, 3848680.61	6.24929	94.5245	75.2155	0.0176305	0.2666731	0.2121987	4.46E-02	6.75E-01	5.37E-01	1.60E-02	2.42E-01	1.93E-01

956	474993.71, 3848705.61	7.2942	103.776	86.7888	0.0205785	0.2927738	0.2448492	5.21E-02	7.41E-01	6.20E-01	1.87E-02	2.66E-01	2.22E-01
957	474993.71, 3848730.61	8.59612	112.393	101.096	0.0242514	0.3170838	0.2852141	6.14E-02	8.03E-01	7.22E-01	2.20E-02	2.88E-01	2.59E-01
958	474993.71, 3848755.61	10.2988	122.781	114.914	0.0290549	0.3463915	0.3241952	7.36E-02	8.77E-01	8.21E-01	2.64E-02	3.14E-01	2.94E-01
959	475018.71, 3848405.61	1.98858	41.6801	31.2228	0.0056102	0.1175882	0.088086	1.42E-02	2.98E-01	2.23E-01	5.09E-03	1.07E-01	7.99E-02
960	475018.71, 3848430.61	2.10934	44.9908	33.2361	0.0059509	0.1269285	0.0937659	1.51E-02	3.21E-01	2.37E-01	5.40E-03	1.15E-01	8.51E-02
961	475018.71, 3848455.61	2.27356	51.0951	36.3278	0.0064142	0.1441498	0.1024882	1.62E-02	3.65E-01	2.60E-01	5.82E-03	1.31E-01	9.30E-02
962	475018.71, 3848480.61	2.50745	56.7661	40.3783	0.007074	0.160149	0.1139155	1.79E-02	4.06E-01	2.88E-01	6.42E-03	1.45E-01	1.03E-01
963	475018.71, 3848505.61	2.73107	60.6604	44.5438	0.0077049	0.1711356	0.1256673	1.95E-02	4.33E-01	3.18E-01	6.99E-03	1.55E-01	1.14E-01
964	475018.71, 3848530.61	2.97128	64.0533	47.2844	0.0083826	0.1807077	0.1333992	2.12E-02	4.58E-01	3.38E-01	7.61E-03	1.64E-01	1.21E-01
965	475018.71, 3848555.61	3.23912	66.5733	49.1411	0.0091382	0.1878171	0.1386372	2.31E-02	4.76E-01	3.51E-01	8.29E-03	1.70E-01	1.26E-01
966	475018.71, 3848580.61	3.55067	69.5074	51.4718	0.0100172	0.1960947	0.1452127	2.54E-02	4.97E-01	3.68E-01	9.09E-03	1.78E-01	1.32E-01
967	475018.71, 3848605.61	3.92002	72.7526	55.37	0.0110592	0.2052502	0.1562103	2.80E-02	5.20E-01	3.96E-01	1.00E-02	1.86E-01	1.42E-01
968	475018.71, 3848630.61	4.32941	76.9252	59.263	0.0122142	0.2170221	0.1671933	3.09E-02	5.50E-01	4.23E-01	1.11E-02	1.97E-01	1.52E-01
969	475018.71, 3848655.61	4.81195	81.734	63.2799	0.0135755	0.2305885	0.1785257	3.44E-02	5.84E-01	4.52E-01	1.23E-02	2.09E-01	1.62E-01
970	475018.71, 3848680.61	5.59859	87.2979	68.3364	0.0157948	0.2462854	0.1927912	4.00E-02	6.24E-01	4.88E-01	1.43E-02	2.23E-01	1.75E-01
971	475018.71, 3848705.61	6.51829	95.9789	77.7537	0.0183895	0.2707764	0.2193594	4.66E-02	6.86E-01	5.55E-01	1.67E-02	2.46E-01	1.99E-01
972	475018.71, 3848730.61	7.56838	104.881	89.5783	0.021352	0.2958902	0.2527191	5.41E-02	7.49E-01	6.40E-01	1.94E-02	2.68E-01	2.29E-01
973	475018.71, 3848755.61	8.88812	113.687	102.887	0.0250752	0.3207347	0.2902667	6.35E-02	8.12E-01	7.35E-01	2.28E-02	2.91E-01	2.63E-01
974	475018.71, 3848780.61	10.6195	124.615	116.724	0.0299598	0.3515642	0.329302	7.59E-02	8.90E-01	8.34E-01	2.72E-02	3.19E-01	2.99E-01
975	475043.71, 3848430.61	1.93662	41.0109	30.4916	0.0054636	0.1157001	0.0860232	1.38E-02	2.93E-01	2.18E-01	4.96E-03	1.05E-01	7.81E-02
976	475043.71, 3848455.61	2.15332	47.3494	34.4974	0.006075	0.1335825	0.0973244	1.54E-02	3.38E-01	2.46E-01	5.51E-03	1.21E-01	8.83E-02
977	475043.71, 3848480.61	2.3749	53.4227	38.0948	0.0067001	0.1507165	0.1074734	1.70E-02	3.82E-01	2.72E-01	6.08E-03	1.37E-01	9.75E-02
978	475043.71, 3848505.61	2.58882	57.9667	41.6883	0.0073036	0.1635362	0.1176114	1.85E-02	4.14E-01	2.98E-01	6.63E-03	1.48E-01	1.07E-01
979	475043.71, 3848530.61	2.81985	61.323	45.0514	0.0079554	0.173005	0.1270994	2.01E-02	4.38E-01	3.22E-01	7.22E-03	1.57E-01	1.15E-01
980	475043.71, 3848555.61	3.07269	64.2368	47.3385	0.0086687	0.1812253	0.1335516	2.20E-02	4.59E-01	3.38E-01	7.87E-03	1.64E-01	1.21E-01
981	475043.71, 3848580.61	3.3533	66.4816	49.0288	0.0094604	0.1875585	0.1383206	2.40E-02	4.75E-01	3.50E-01	8.58E-03	1.70E-01	1.26E-01
982	475043.71, 3848605.61	3.6585	69.4022	51.9773	0.0103214	0.1957981	0.1466388	2.61E-02	4.96E-01	3.71E-01	9.36E-03	1.78E-01	1.33E-01
983	475043.71, 3848630.61	3.91602	73.0631	55.6922	0.0110479	0.2061263	0.1571194	2.80E-02	5.22E-01	3.98E-01	1.00E-02	1.87E-01	1.43E-01
984	475043.71, 3848655.61	4.41019	77.0882	59.3609	0.0124421	0.2174819	0.1674695	3.15E-02	5.51E-01	4.24E-01	1.13E-02	1.97E-01	1.52E-01
985	475043.71, 3848680.61	5.08404	81.1719	63.4024	0.0143431	0.2290029	0.1788714	3.63E-02	5.80E-01	4.53E-01	1.30E-02	2.08E-01	1.62E-01
986	475043.71, 3848705.61	5.89162	88.9705	70.2464	0.0166215	0.2510043	0.1981796	4.21E-02	6.36E-01	5.02E-01	1.51E-02	2.28E-01	1.80E-01
987	475043.71, 3848730.61	6.72726	96.8008	79.7388	0.018979	0.2730952	0.2249598	4.81E-02	6.92E-01	5.70E-01	1.72E-02	2.48E-01	2.04E-01
988	475043.71, 3848755.61	7.77622	105.795	91.4838	0.0219383	0.2984705	0.2580948	5.56E-02	7.56E-01	6.54E-01	1.99E-02	2.71E-01	2.34E-01
989	475043.71, 3848780.61	9.11701	115.127	104.96	0.025721	0.3247961	0.2961127	6.51E-02	8.22E-01	7.50E-01	2.33E-02	2.95E-01	2.69E-01
990	475043.71, 3848805.61	10.9299	126.333	118.287	0.0308355	0.3564128	0.3337109	7.81E-02	9.02E-01	8.45E-01	2.80E-02	3.23E-01	3.03E-01
991	475068.71, 3848455.61	2.04614	43.6463	32.107	0.0057726	0.1231354	0.0905805	1.46E-02	3.12E-01	2.29E-01	5.24E-03	1.12E-01	8.22E-02
992	475068.71, 3848480.61	2.2601	50.1861	35.9761	0.0063762	0.1415854	0.1014962	1.61E-02	3.59E-01	2.57E-01	5.79E-03	1.28E-01	9.21E-02
993	475068.71, 3848505.61	2.46107	55.09	39.282	0.0069432	0.1554204	0.1108227	1.76E-02	3.94E-01	2.81E-01	6.30E-03	1.41E-01	1.01E-01
994	475068.71, 3848530.61	2.68077	58.8001	43.1134	0.007563	0.1658873	0.1216319	1.92E-02	4.20E-01	3.08E-01	6.86E-03	1.51E-01	1.10E-01
995	475068.71, 3848555.61	2.91484	61.8274	45.4541	0.0082234	0.1744279	0.1282354	2.08E-02	4.42E-01	3.25E-01	7.46E-03	1.58E-01	1.16E-01
996	475068.71, 3848580.61	3.15588	64.1277	47.3634	0.0089034	0.1809177	0.1336221	2.25E-02	4.58E-01	3.38E-01	8.08E-03	1.64E-01	1.21E-01
997	475068.71, 3848605.61	3.39166	66.5451	49.0133	0.0095686	0.1877376	0.1382766	2.42E-02	4.75E-01	3.50E-01	8.68E-03	1.70E-01	1.25E-01
998	475068.71, 3848630.61	3.59511	69.8382	52.64	0.0101426	0.197028	0.1485084	2.57E-02	4.99E-01	3.76E-01	9.20E-03	1.79E-01	1.35E-01
999	475068.71, 3848655.61	4.09229	73.0395	55.9949	0.0115452	0.2060596	0.1579734	2.92E-02	5.22E-01	4.00E-01	1.05E-02	1.87E-01	1.43E-01
1000	475068.71, 3848680.61	4.6227	76.4988	59.5189	0.0130416	0.2158189	0.1679152	3.30E-02	5.46E-01	4.25E-01	1.18E-02	1.96E-01	1.52E-01
1001	475068.71, 3848705.61	5.33586	82.3417	64.473	0.0150536	0.2323032	0.1818917	3.81E-02	5.88E-01	4.61E-01	1.37E-02	2.11E-01	1.65E-01
1002	475068.71, 3848730.61	6.03282	89.3211	71.5095	0.0170198	0.2519935	0.2017431	4.31E-02	6.38E-01	5.11E-01	1.54E-02	2.29E-01	1.83E-01
1003	475068.71, 3848755.61	6.89235	97.6316	81.2232	0.0194448	0.2754392	0.2291476	4.92E-02	6.97E-01	5.80E-01	1.76E-02	2.50E-01	2.08E-01
1004	475068.71, 3848780.61	7.96363	106.992	93.2526	0.0224671	0.301846	0.2630848	5.69E-02	7.64E-01	6.66E-01	2.04E-02	2.74E-01	2.39E-01
1005	475068.71, 3848805.61	9.35221	116.499	107.112	0.0263845	0.3286681	0.3021846	6.68E-02	8.32E-01	7.65E-01	2.39E-02	2.98E-01	2.74E-01
1006	475068.71, 3848830.61	11.234	127.995	119.587	0.0316935	0.3611001	0.3373801	8.03E-02	9.14E-01	8.54E-01	2.88E-02	3.28E-01	3.06E-01
1007	475093.71, 3848480.61	2.15973	46.8681	34.2349	0.006093	0.1322246	0.0965837	1.54E-02	3.35E-01	2.45E-01	5.53E-03	1.20E-01	8.76E-02
1008	475093.71, 3848505.61	2.36545	52.2775	37.256	0.0066734	0.1474856	0.105107	1.69E-02	3.73E-01	2.66E-01	6.06E-03	1.34E-01	9.54E-02
1009	475093.71, 3848530.61	2.56941	56.423	40.9902	0.0072488	0.1591811	0.1156418	1.84E-02	4.03E-01	2.93E-01	6.58E-03	1.44E-01	1.05E-01
1010	475093.71, 3848555.61	2.77381	59.2897	43.9011	0.0078255	0.1672685	0.1238543	1.98E-02	4.24E-01	3.14E-01	7.10E-03	1.52E-01	1.12E-01
1011	475093.71, 3848580.61	2.96639	61.7992	45.6427	0.0083688	0.1743485	0.1287677	2.12E-02	4.41E-01	3.26E-01	7.59E-03	1.58E-01	1.17E-01
1012	475093.71, 3848605.61	3.14696	63.6138	46.7682	0.0088782	0.1794679	0.1319427	2.25E-02	4.54E-01	3.34E-01	8.06E-03	1.63E-01	1.20E-01
1013	475093.71, 3848630.61	3.43321	66.6366	49.4068	0.0096858	0.1879957	0.1393868	2.45E-02	4.76E-01	3.53E-01	8.79E-03	1.71E-01	1.26E-01
1014	475093.71, 3848655.61	3.85063	69.6055	52.8123	0.0108634	0.1963717	0.1489944	2.75E-02	4.97E-01	3.77E-01	9.86E-03	1.78E-01	1.35E-01
1015	475093.71, 3848680.61	4.28717	73.1078	56.4444	0.012095	0.2062523	0.1592415	3.06E-02	5.22E-01	4.03E-01	1.10E-02	1.87E-01	1.44E-01
1016	475093.71, 3848705.61	4.84048	76.8435	59.5697	0.013656	0.2167916	0.1680586	3.46E-02	5.49E-01	4.26E-01	1.24E-02	1.97E-01	1.52E-01
1017	475093.71, 3848730.61	5.47775	83.9154	65.847	0.0154539	0.2367429	0.1857681	3.91E-02	5.99E-01	4.70E-01	1.40E-02	2.15E-01	1.69E-01
1018	475093.71, 3848755.61	6.18501	90.0197	72.972	0.0174492	0.2539644	0.2058691	4.42E-02	6.43E-01	5.21E-01	1.58E-02	2.30E-01	1.87E-01
1019	475093.71, 3848780.61	7.06987	98.7419	82.7312	0.0199456	0.2785714	0.233402	5.05E-02	7.05E-01	5.91E-01	1.81E-02	2.53E-01	2.12E-01
1020	475093.71, 3848805.61	8.1698	108.33	95.1365	0.0230487	0.3056221	0.2683999	5.84E-02	7.74E-01	6.80E-01	2.09E-02	2.77E-01	2.44E-01
1021	475093.71, 3848830.61	9.61936	117.843	109.056	0.0271382	0.3324602	0.3076695	6.87E-02	8.42E-01	7.79E-01	2.46E-02	3.02E-01	2.79E-01
1022	475118.71, 3848480.61	2.04466	43.3638	31.8497	0.0057684	0.1223382	0.0898547	1.46E-02	3.10E-01	2.28E-01	5.23E-03	1.11E-01	8.15E-02
1023	475118.71, 3848505.61	2.2592	48.9052	35.5897	0.0063737	0.1379718	0.100406	1.61E-02	3.49E-01	2.54E-01	5.78E-03	1.25E-01	9.11E-02
1024	475118.71, 3848530.61	2.46927	53.851	38.6601	0.0069663	0.151925	0.1090681	1.76E-02	3.85E-01	2.76E-01	6.32E-03	1.38E-01	9.90E-02
1025	475118.71, 3848555.61	2.65308	57.0885	41.7889	0.0074849	0.1610584	0.1178951	1.90E-02	4.08E-01	2.99E-01	6.79E-03	1.46E-01	1.07E-01
1026	475118.71, 3848580.61	2.82498	59.4856	43.8229	0.0079699	0.1678213	0.1236335	2.02E-02	4.25E-01	3.13E-01	7.23E-03	1.52E-01	1.12E-01
1027	475118.71, 3848605.61	2.98579	61.4722	45.1848	0.0084235	0.1734258	0.1274756	2.13E-02	4.39E-01	3.23E-01	7.64E-03	1.57E-01	1.16E-01
1028	475118.71, 3848630.61	3.28031	63.8519	46.7952	0.0092544	0.1801395	0.1320189	2.34E-02	4.56E-01	3.34E-01	8.40E-03	1.63E-01	1.20E-01
1029	475118.71, 3848655.61	3.62679	66.4154	49.7823	0.0102319	0.1873717	0.1404463	2.59E-02	4.74E-01	3.56E-01	9.28E-03	1.70E-01	1.27E-01
1030	475118.71, 3848680.61	3.99041	69.5481	52.9759	0.0112578	0.1962095	0.1494559	2.85E-02	4.97E-01	3.78E-01	1.02E-02	1.78E-01	1.36E-01
1031	475118.71, 3848705.61	4.3934	72.7634	56.2764	0.0123947	0.2052806	0.1587674	3.14E-02	5.20E-01	4.02E-01	1.12E-02	1.86E-01	1.44E-01
1032	475118.71, 3848730.61	4.99878	77.9261	60.2034	0.0141026	0.2198459	0.1698462	3.57E-02	5.57E-01	4.30E-01	1.28E-02	1.99E-01	1.54E-01
1033	475118.71, 3848755.61	5.59802	83.7458	66.4326	0.0157932	0.2362643	0.1874202	4.00E-02	5.98E-01	4.75E-01	1.43E-02	2.14E-01	1.70E-01
1034	475118.71, 3848780.61	6.34671	90.4858	74.3069	0.0179054	0.2552793	0.2096351	4.53E-02	6.46E-01	5.31E-01	1.62E-02	2.32E-01	1.90E-01
1035	475118.71, 3848805.61	7.24973	100.167	84.2613	0.020453	0.2825925	0.2377185	5.18E-02	7.16E-01	6.02E-01	1.86E-02	2.56E-01	2.16E-01

1036	475118.71, 3848830.61	8.39197	109.649	97.0998	0.0236755	0.3093423	0.2739387	6.00E-02	7.83E-01	6.94E-01	2.15E-02	2.81E-01	2.49E-01
1037	475118.71, 3848855.61	9.86294	118.693	110.212	0.0278254	0.3348567	0.3109317	7.05E-02	8.48E-01	7.87E-01	2.52E-02	3.04E-01	2.82E-01
1038	475143.71, 3848505.61	2.16633	45.9162	33.8188	0.0061117	0.1295392	0.0954098	1.55E-02	3.28E-01	2.42E-01	5.55E-03	1.18E-01	8.66E-02
1039	475143.71, 3848530.61	2.37353	51.1226	36.7395	0.0066962	0.1442275	0.1036497	1.70E-02	3.65E-01	2.62E-01	6.08E-03	1.31E-01	9.40E-02
1040	475143.71, 3848555.61	2.55351	54.8062	39.8477	0.007204	0.1546196	0.1124187	1.82E-02	3.92E-01	2.85E-01	6.54E-03	1.40E-01	1.02E-01
1041	475143.71, 3848580.61	2.72825	57.3923	42.6049	0.007697	0.1619156	0.1201974	1.95E-02	4.10E-01	3.04E-01	6.98E-03	1.47E-01	1.09E-01
1042	475143.71, 3848605.61	2.90579	59.6017	43.984	0.0081978	0.1681487	0.124088	2.08E-02	4.26E-01	3.14E-01	7.44E-03	1.53E-01	1.13E-01
1043	475143.71, 3848630.61	3.12772	61.5685	45.3819	0.0088239	0.1736976	0.1280316	2.23E-02	4.40E-01	3.24E-01	8.01E-03	1.58E-01	1.16E-01
1044	475143.71, 3848655.61	3.39789	63.6897	47.1997	0.0095862	0.179682	0.1331601	2.43E-02	4.55E-01	3.37E-01	8.70E-03	1.63E-01	1.21E-01
1045	475143.71, 3848680.61	3.70959	66.489	50.2297	0.0104655	0.1875792	0.1417084	2.65E-02	4.75E-01	3.59E-01	9.50E-03	1.70E-01	1.29E-01
1046	475143.71, 3848705.61	4.06783	69.8014	53.6024	0.0114762	0.1969242	0.1512236	2.91E-02	4.99E-01	3.83E-01	1.04E-02	1.79E-01	1.37E-01
1047	475143.71, 3848730.61	4.51793	72.9571	56.3979	0.012746	0.2058272	0.1591103	3.23E-02	5.21E-01	4.03E-01	1.16E-02	1.87E-01	1.44E-01
1048	475143.71, 3848755.61	5.08949	79.1683	61.5119	0.0143585	0.2233504	0.1735379	3.64E-02	5.66E-01	4.39E-01	1.30E-02	2.03E-01	1.57E-01
1049	475143.71, 3848780.61	5.72234	84.2948	67.6703	0.0161439	0.2378131	0.190912	4.09E-02	6.02E-01	4.83E-01	1.46E-02	2.16E-01	1.73E-01
1050	475143.71, 3848805.61	6.50394	91.4936	76.0174	0.018349	0.2581224	0.2144608	4.65E-02	6.54E-01	5.43E-01	1.66E-02	2.34E-01	1.95E-01
1051	475143.71, 3848830.61	7.42972	101.639	86.0984	0.0209608	0.2867455	0.2429016	5.31E-02	7.26E-01	6.15E-01	1.90E-02	2.60E-01	2.20E-01
1052	475143.71, 3848855.61	8.62059	110.681	98.595	0.0243205	0.3122543	0.278157	6.16E-02	7.91E-01	7.04E-01	2.21E-02	2.83E-01	2.52E-01
1053	475143.71, 3848880.61	10.2144	119.932	111.573	0.0288169	0.3383528	0.3147716	7.30E-02	8.57E-01	7.97E-01	2.61E-02	3.07E-01	2.86E-01
1054	475168.71, 3848530.61	2.27754	48.314	35.3336	0.0064254	0.1363038	0.0996833	1.63E-02	3.45E-01	2.52E-01	5.83E-03	1.24E-01	9.04E-02
1055	475168.71, 3848555.61	2.44142	52.2309	37.6898	0.0068878	0.1473544	0.1063307	1.74E-02	3.73E-01	2.69E-01	6.25E-03	1.34E-01	9.65E-02
1056	475168.71, 3848580.61	2.60341	55.2358	40.3546	0.0073448	0.1558316	0.1138488	1.86E-02	3.95E-01	2.88E-01	6.66E-03	1.41E-01	1.03E-01
1057	475168.71, 3848605.61	2.7856	57.4489	42.804	0.0078588	0.1620754	0.120759	1.99E-02	4.10E-01	3.06E-01	7.13E-03	1.47E-01	1.10E-01
1058	475168.71, 3848630.61	2.95129	59.5132	43.9294	0.0083262	0.1678991	0.1239341	2.11E-02	4.25E-01	3.14E-01	7.55E-03	1.52E-01	1.12E-01
1059	475168.71, 3848655.61	3.14137	61.3327	44.9221	0.0088625	0.1730323	0.1267346	2.24E-02	4.38E-01	3.21E-01	8.04E-03	1.57E-01	1.15E-01
1060	475168.71, 3848680.61	3.40883	63.8555	47.3244	0.009617	0.1801497	0.133512	2.44E-02	4.56E-01	3.38E-01	8.73E-03	1.63E-01	1.21E-01
1061	475168.71, 3848705.61	3.75157	66.5735	50.3561	0.010584	0.1878177	0.1420651	2.68E-02	4.76E-01	3.60E-01	9.60E-03	1.70E-01	1.29E-01
1062	475168.71, 3848730.61	4.14493	69.8936	53.8011	0.0116937	0.1971844	0.1517841	2.96E-02	4.99E-01	3.84E-01	1.06E-02	1.79E-01	1.38E-01
1063	475168.71, 3848755.61	4.62619	74.379	57.2731	0.0130514	0.2098386	0.1615794	3.30E-02	5.31E-01	4.09E-01	1.18E-02	1.90E-01	1.47E-01
1064	475168.71, 3848780.61	5.21547	79.1999	62.3177	0.0147139	0.2234395	0.1758111	3.73E-02	5.66E-01	4.45E-01	1.34E-02	2.03E-01	1.60E-01
1065	475168.71, 3848805.61	5.89985	84.515	68.6583	0.0166447	0.2384343	0.1936994	4.21E-02	6.04E-01	4.90E-01	1.51E-02	2.16E-01	1.76E-01
1066	475168.71, 3848830.61	6.66846	92.9335	77.5914	0.0188131	0.2621848	0.2189016	4.76E-02	6.64E-01	5.54E-01	1.71E-02	2.38E-01	1.99E-01
1067	475168.71, 3848855.61	7.63061	102.969	87.8904	0.0215275	0.2904972	0.247957	5.45E-02	7.36E-01	6.28E-01	1.95E-02	2.64E-01	2.25E-01
1068	475168.71, 3848880.61	8.91857	111.575	99.8991	0.0251611	0.3147764	0.2818361	6.37E-02	7.97E-01	7.14E-01	2.28E-02	2.86E-01	2.56E-01
1069	475168.71, 3848905.61	10.6179	120.9	112.133	0.0299554	0.3410836	0.3163519	7.59E-02	8.64E-01	8.01E-01	2.72E-02	3.09E-01	2.87E-01
1070	475193.71, 3848555.61	2.28446	49.2259	35.1878	0.0064449	0.1388765	0.099272	1.63E-02	3.52E-01	2.51E-01	5.85E-03	1.26E-01	9.01E-02
1071	475193.71, 3848580.61	2.42317	52.5289	37.6829	0.0068363	0.1481948	0.1063114	1.73E-02	3.75E-01	2.69E-01	6.20E-03	1.34E-01	9.65E-02
1072	475193.71, 3848605.61	2.60311	55.1212	40.6539	0.0073439	0.1555085	0.114693	1.86E-02	3.94E-01	2.90E-01	6.66E-03	1.41E-01	1.04E-01
1073	475193.71, 3848630.61	2.75665	57.2641	41.9215	0.0077771	0.1615539	0.1182693	1.97E-02	4.09E-01	2.99E-01	7.06E-03	1.47E-01	1.07E-01
1074	475193.71, 3848655.61	2.95364	59.1025	43.395	0.0083328	0.1667403	0.1224262	2.11E-02	4.22E-01	3.10E-01	7.56E-03	1.51E-01	1.11E-01
1075	475193.71, 3848680.61	3.21092	61.3122	44.9407	0.0090587	0.1729745	0.1267871	2.29E-02	4.38E-01	3.21E-01	8.22E-03	1.57E-01	1.15E-01
1076	475193.71, 3848705.61	3.5335	63.7166	47.8715	0.0099687	0.1797579	0.1350554	2.52E-02	4.55E-01	3.42E-01	9.05E-03	1.63E-01	1.23E-01
1077	475193.71, 3848730.61	3.90366	66.6816	51.247	0.011013	0.1881227	0.1445785	2.79E-02	4.76E-01	3.66E-01	9.99E-03	1.71E-01	1.31E-01
1078	475193.71, 3848755.61	4.30786	69.603	53.6585	0.0121534	0.1963645	0.1513818	3.08E-02	4.97E-01	3.83E-01	1.10E-02	1.78E-01	1.37E-01
1079	475193.71, 3848780.61	4.83199	74.4844	58.0541	0.013632	0.2101359	0.1637826	3.45E-02	5.32E-01	4.15E-01	1.24E-02	1.91E-01	1.49E-01
1080	475193.71, 3848805.61	5.39312	79.1118	63.3817	0.0152151	0.2231908	0.1788129	3.85E-02	5.65E-01	4.53E-01	1.38E-02	2.03E-01	1.62E-01
1081	475193.71, 3848830.61	6.04741	85.4892	69.851	0.017061	0.2411828	0.1970641	4.32E-02	6.11E-01	4.99E-01	1.55E-02	2.19E-01	1.79E-01
1082	475193.71, 3848855.61	6.83936	94.2102	78.951	0.0192953	0.2657864	0.2227371	4.89E-02	6.73E-01	5.64E-01	1.75E-02	2.41E-01	2.02E-01
1083	475193.71, 3848880.61	7.90214	103.983	89.1125	0.0222936	0.2933578	0.2514049	5.65E-02	7.43E-01	6.37E-01	2.02E-02	2.66E-01	2.28E-01
1084	475193.71, 3848905.61	9.34144	112.262	101.447	0.0263541	0.3167152	0.2862029	6.67E-02	8.02E-01	7.25E-01	2.39E-02	2.87E-01	2.60E-01
1085	475218.71, 3848580.61	2.24859	49.4662	35.0034	0.0063437	0.1395543	0.0987519	1.61E-02	3.53E-01	2.50E-01	5.76E-03	1.27E-01	8.96E-02
1086	475218.71, 3848605.61	2.40635	52.4337	37.6484	0.0067888	0.1479262	0.1062138	1.72E-02	3.75E-01	2.69E-01	6.16E-03	1.34E-01	9.64E-02
1087	475218.71, 3848630.61	2.60984	55.0031	40.2869	0.0073629	0.1551752	0.1136576	1.86E-02	3.93E-01	2.88E-01	6.68E-03	1.41E-01	1.03E-01
1088	475218.71, 3848655.61	2.84601	57.3765	42.4047	0.0080292	0.1618709	0.1196325	2.03E-02	4.10E-01	3.03E-01	7.29E-03	1.47E-01	1.09E-01
1089	475218.71, 3848680.61	3.11062	58.9843	43.791	0.0087757	0.1664071	0.1235434	2.22E-02	4.21E-01	3.13E-01	7.96E-03	1.51E-01	1.12E-01
1090	475218.71, 3848705.61	3.40171	60.9364	45.9366	0.0095969	0.1719143	0.1295966	2.43E-02	4.35E-01	3.28E-01	8.71E-03	1.56E-01	1.18E-01
1091	475218.71, 3848730.61	3.71954	63.1483	48.2693	0.0104936	0.1781546	0.1361779	2.66E-02	4.51E-01	3.45E-01	9.52E-03	1.62E-01	1.24E-01
1092	475218.71, 3848755.61	4.11247	65.4333	51.318	0.0116021	0.184601	0.1447786	2.94E-02	4.67E-01	3.67E-01	1.05E-02	1.67E-01	1.31E-01
1093	475218.71, 3848780.61	4.5242	69.6315	54.5069	0.0127637	0.1964448	0.1537754	3.23E-02	4.97E-01	3.89E-01	1.16E-02	1.78E-01	1.40E-01
1094	475218.71, 3848805.61	4.99404	74.3388	59.065	0.0140892	0.2097252	0.1666345	3.57E-02	5.31E-01	4.22E-01	1.28E-02	1.90E-01	1.51E-01
1095	475218.71, 3848830.61	5.55688	79.8224	64.3313	0.0156771	0.2251955	0.1814921	3.97E-02	5.70E-01	4.60E-01	1.42E-02	2.04E-01	1.65E-01
1096	475218.71, 3848855.61	6.21655	86.5184	71.1763	0.0175382	0.2440863	0.2008032	4.44E-02	6.18E-01	5.08E-01	1.59E-02	2.21E-01	1.82E-01
1097	475218.71, 3848880.61	7.09576	95.536	80.2936	0.0200186	0.269527	0.2265249	5.07E-02	6.82E-01	5.74E-01	1.82E-02	2.45E-01	2.06E-01
1098	475218.71, 3848905.61	8.2807	105.051	90.2162	0.0233616	0.2963715	0.2545187	5.92E-02	7.50E-01	6.44E-01	2.12E-02	2.69E-01	2.31E-01
1099	475218.71, 3848930.61	9.98472	113.669	103.567	0.028169	0.3206827	0.2921852	7.13E-02	8.12E-01	7.40E-01	2.56E-02	2.91E-01	2.65E-01
1100	475243.71, 3848605.61	2.29202	50.2021	35.4968	0.0064663	0.1416307	0.1001437	1.64E-02	3.59E-01	2.54E-01	5.87E-03	1.29E-01	9.09E-02
1101	475243.71, 3848630.61	2.45136	52.6464	38.4694	0.0069158	0.1485264	0.1085301	1.75E-02	3.76E-01	2.75E-01	6.27E-03	1.35E-01	9.85E-02
1102	475243.71, 3848655.61	2.70451	55.4323	40.7743	0.00763	0.1563859	0.1150329	1.93E-02	3.96E-01	2.91E-01	6.92E-03	1.42E-01	1.04E-01
1103	475243.71, 3848680.61	2.96914	57.1344	42.9205	0.0083766	0.1611881	0.1210875	2.12E-02	4.08E-01	3.07E-01	7.60E-03	1.46E-01	1.10E-01
1104	475243.71, 3848705.61	3.2398	58.6227	44.6208	0.0091401	0.1653869	0.1258846	2.31E-02	4.19E-01	3.19E-01	8.29E-03	1.50E-01	1.14E-01
1105	475243.71, 3848730.61	3.5265	60.5461	46.5847	0.009949	0.1708132	0.1314252	2.52E-02	4.33E-01	3.33E-01	9.03E-03	1.55E-01	1.19E-01
1106	475243.71, 3848755.61	3.87032	61.9382	48.8961	0.010919	0.1747404	0.137946	2.76E-02	4.42E-01	3.49E-01	9.91E-03	1.59E-01	1.25E-01
1107	475243.71, 3848780.61	4.25101	65.7343	51.8111	0.011993	0.1854503	0.14617	3.04E-02	4.70E-01	3.70E-01	1.09E-02	1.68E-01	1.33E-01
1108	475243.71, 3848805.61	4.66621	70.2131	55.1231	0.0131643	0.1980858	0.1555138	3.33E-02	5.02E-01	3.94E-01	1.19E-02	1.80E-01	1.41E-01
1109	475243.71, 3848830.61	5.16009	75.0745	60.0724	0.0145577	0.2118008	0.1694767	3.69E-02	5.36E-01	4.29E-01	1.32E-02	1.92E-01	1.54E-01
1110	475243.71, 3848855.61	5.72211	80.7612	65.2388	0.0161433	0.2278442	0.1840523	4.09E-02	5.77E-01	4.66E-01	1.46E-02	2.07E-01	1.67E-01
1111	475243.71, 3848880.61	6.44787	87.7246	72.5216	0.0181908	0.2474893	0.2045986	4.61E-02	6.27E-01	5.18E-01	1.65E-02	2.25E-01	1.86E-01
1112	475243.71, 3848905.61	7.42576	96.5631	81.1787	0.0209496	0.2724245	0.2290221	5.30E-02	6.90E-01	5.80E-01	1.90E-02	2.47E-01	2.08E-01
1113	475243.71, 3848930.61	8.80542	106.281	91.8458	0.0248419	0.2998399	0.2591162	6.29E-02	7.59E-01	6.56E-01	2.25E-02	2.72E-01	2.35E-01
1114	475243.71, 3848955.61	10.7735	115.843	106.819	0.0303944	0.3268165	0.3013581	7.70E-02	8.28E-01	7.63E-01	2.76E-02	2.97E-01	2.73E-01
1115	475268.71, 3848630.61	2.33745	50.6918	36.2595	0.0065944	0.143012	0.1022955	1.67E-02	3.62E-01	2.59E-01	5.98E-03	1.30E-01	9.28E-02

1116	475268.71, 3848655.61	2.5612	53.3213	39.2591	0.0072257	0.1504304	0.110758	1.83E-02	3.81E-01	2.80E-01	6.56E-03	1.36E-01	1.00E-01
1117	475268.71, 3848680.61	2.81717	55.4571	41.4315	0.0079478	0.1564561	0.1168869	2.01E-02	3.96E-01	2.96E-01	7.21E-03	1.42E-01	1.06E-01
1118	475268.71, 3848705.61	3.07492	56.6818	43.2572	0.008675	0.1599112	0.1220375	2.20E-02	4.05E-01	3.09E-01	7.87E-03	1.45E-01	1.11E-01
1119	475268.71, 3848730.61	3.33445	58.2207	45.0417	0.0094072	0.1642527	0.1270721	2.38E-02	4.16E-01	3.22E-01	8.54E-03	1.49E-01	1.15E-01
1120	475268.71, 3848755.61	3.61422	59.2988	46.885	0.0101965	0.1672943	0.1322724	2.58E-02	4.24E-01	3.35E-01	9.25E-03	1.52E-01	1.20E-01
1121	475268.71, 3848780.61	3.94255	62.5739	49.2774	0.0111228	0.1765341	0.1390217	2.82E-02	4.47E-01	3.52E-01	1.01E-02	1.60E-01	1.26E-01
1122	475268.71, 3848805.61	4.32189	66.2479	52.0193	0.012193	0.186899	0.1467573	3.09E-02	4.73E-01	3.72E-01	1.11E-02	1.70E-01	1.33E-01
1123	475268.71, 3848830.61	4.78943	70.7153	56.0126	0.013512	0.1995027	0.1580231	3.42E-02	5.05E-01	4.00E-01	1.23E-02	1.81E-01	1.43E-01
1124	475268.71, 3848855.61	5.29374	75.7494	60.7705	0.0149347	0.2137048	0.1714463	3.78E-02	5.41E-01	4.34E-01	1.36E-02	1.94E-01	1.56E-01
1125	475268.71, 3848880.61	5.90916	81.5335	66.3356	0.016671	0.2300229	0.1871464	4.22E-02	5.82E-01	4.74E-01	1.51E-02	2.09E-01	1.70E-01
1126	475268.71, 3848905.61	6.71259	88.7853	73.9436	0.0189376	0.2504819	0.2086102	4.80E-02	6.34E-01	5.28E-01	1.72E-02	2.27E-01	1.89E-01
1127	475268.71, 3848930.61	7.84997	98.0402	82.8613	0.0221464	0.2765918	0.2337691	5.61E-02	7.00E-01	5.92E-01	2.01E-02	2.51E-01	2.12E-01
1128	475268.71, 3848955.61	9.46974	107.984	95.0772	0.0267161	0.3046459	0.2682326	6.76E-02	7.71E-01	6.79E-01	2.42E-02	2.76E-01	2.43E-01
1129	475268.71, 3848980.61	11.9748	119.628	111.247	0.0337833	0.3374947	0.3138506	8.55E-02	8.55E-01	7.95E-01	3.07E-02	3.06E-01	2.85E-01
1130	475293.71, 3848630.61	2.34152	49.4201	35.4707	0.0066059	0.1394242	0.1000702	1.67E-02	3.53E-01	2.53E-01	5.99E-03	1.27E-01	9.08E-02
1131	475293.71, 3848655.61	2.43828	51.4323	37.5999	0.0068789	0.1451013	0.106077	1.74E-02	3.67E-01	2.69E-01	6.24E-03	1.32E-01	9.62E-02
1132	475293.71, 3848680.61	2.63398	53.451	39.5819	0.007431	0.1507963	0.1116687	1.88E-02	3.82E-01	2.83E-01	6.74E-03	1.37E-01	1.01E-01
1133	475293.71, 3848705.61	2.89588	55.0974	41.5481	0.0081699	0.1554413	0.1172159	2.07E-02	3.94E-01	2.97E-01	7.41E-03	1.41E-01	1.06E-01
1134	475293.71, 3848730.61	3.15249	56.3053	43.3467	0.0088938	0.158849	0.1222899	2.25E-02	4.02E-01	3.10E-01	8.07E-03	1.44E-01	1.11E-01
1135	475293.71, 3848755.61	3.40762	58.0749	45.2649	0.0096136	0.1638414	0.1277016	2.43E-02	4.15E-01	3.23E-01	8.72E-03	1.49E-01	1.16E-01
1136	475293.71, 3848780.61	3.69268	59.5698	47.1756	0.0104178	0.1680589	0.1330922	2.64E-02	4.26E-01	3.37E-01	9.45E-03	1.52E-01	1.21E-01
1137	475293.71, 3848805.61	4.04386	62.9695	49.7145	0.0114086	0.1776501	0.1402551	2.89E-02	4.50E-01	3.55E-01	1.04E-02	1.61E-01	1.27E-01
1138	475293.71, 3848830.61	4.44789	66.9544	52.5497	0.0125484	0.1888923	0.1482536	3.18E-02	4.78E-01	3.75E-01	1.14E-02	1.71E-01	1.35E-01
1139	475293.71, 3848855.61	4.92153	71.333	56.8745	0.0138847	0.2012452	0.1604548	3.52E-02	5.10E-01	4.06E-01	1.26E-02	1.83E-01	1.46E-01
1140	475293.71, 3848880.61	5.43534	76.2373	61.2483	0.0153342	0.2150812	0.1727941	3.88E-02	5.45E-01	4.38E-01	1.39E-02	1.95E-01	1.57E-01
1141	475293.71, 3848905.61	6.10948	82.0967	67.2647	0.0172361	0.2316118	0.1897678	4.36E-02	5.86E-01	4.81E-01	1.56E-02	2.10E-01	1.72E-01
1142	475293.71, 3848930.61	7.07579	89.9798	75.5312	0.0199623	0.2538517	0.2130892	5.05E-02	6.43E-01	5.40E-01	1.81E-02	2.30E-01	1.93E-01
1143	475293.71, 3848955.61	8.42358	99.9225	85.0008	0.0237647	0.2819022	0.2398049	6.02E-02	7.14E-01	6.07E-01	2.16E-02	2.56E-01	2.18E-01
1144	475293.71, 3848980.61	10.4515	110.504	99.5538	0.0294858	0.3117552	0.2808621	7.47E-02	7.89E-01	7.11E-01	2.68E-02	2.83E-01	2.55E-01
1145	475318.71, 3848655.61	2.38643	49.8974	36.2291	0.0067326	0.1407708	0.1022098	1.70E-02	3.56E-01	2.59E-01	6.11E-03	1.28E-01	9.27E-02
1146	475318.71, 3848680.61	2.48701	51.5778	38.0491	0.0070164	0.1455117	0.1073443	1.78E-02	3.68E-01	2.72E-01	6.37E-03	1.32E-01	9.74E-02
1147	475318.71, 3848705.61	2.69326	53.5089	39.7583	0.0075982	0.1509596	0.1121663	1.92E-02	3.82E-01	2.84E-01	6.89E-03	1.37E-01	1.02E-01
1148	475318.71, 3848730.61	2.9721	54.5295	41.633	0.0083849	0.153839	0.1174554	2.12E-02	3.90E-01	2.97E-01	7.61E-03	1.40E-01	1.07E-01
1149	475318.71, 3848755.61	3.24931	55.7976	43.503	0.009167	0.1574167	0.1227311	2.32E-02	3.99E-01	3.11E-01	8.32E-03	1.43E-01	1.11E-01
1150	475318.71, 3848780.61	3.52938	56.448	45.1978	0.0099571	0.1592517	0.1275124	2.52E-02	4.03E-01	3.23E-01	9.03E-03	1.44E-01	1.16E-01
1151	475318.71, 3848805.61	3.82847	59.672	47.3727	0.0108009	0.1683472	0.1336483	2.73E-02	4.26E-01	3.38E-01	9.80E-03	1.53E-01	1.21E-01
1152	475318.71, 3848830.61	4.16227	63.4158	49.8749	0.0117426	0.1789092	0.1407075	2.97E-02	4.53E-01	3.56E-01	1.07E-02	1.62E-01	1.28E-01
1153	475318.71, 3848855.61	4.56424	67.3039	52.9204	0.0128767	0.1898783	0.1492995	3.26E-02	4.81E-01	3.78E-01	1.17E-02	1.72E-01	1.35E-01
1154	475318.71, 3848880.61	5.0374	71.7432	57.3482	0.0142116	0.2024024	0.1617912	3.60E-02	5.13E-01	4.10E-01	1.29E-02	1.84E-01	1.47E-01
1155	475318.71, 3848905.61	5.6548	76.9321	62.0239	0.0159534	0.2170414	0.1749824	4.04E-02	5.50E-01	4.43E-01	1.45E-02	1.97E-01	1.59E-01
1156	475318.71, 3848930.61	6.47358	83.1946	68.5216	0.0182633	0.2347092	0.1933137	4.62E-02	5.94E-01	4.90E-01	1.66E-02	2.13E-01	1.75E-01
1157	475318.71, 3848955.61	7.59265	91.3311	77.2406	0.0214204	0.257664	0.2179117	5.42E-02	6.52E-01	5.52E-01	1.94E-02	2.34E-01	1.98E-01
1158	475318.71, 3848980.61	9.2421	102.621	88.093	0.0260739	0.2895138	0.2485285	6.60E-02	7.33E-01	6.29E-01	2.37E-02	2.63E-01	2.25E-01
1159	475318.71, 3849005.61	11.8787	114.815	106.527	0.0335122	0.3239166	0.3005351	8.49E-02	8.20E-01	7.61E-01	3.04E-02	2.94E-01	2.73E-01
1160	475343.71, 3848680.61	2.43219	50.1879	36.5898	0.0068617	0.1415906	0.1032274	1.74E-02	3.59E-01	2.61E-01	6.23E-03	1.28E-01	9.37E-02
1161	475343.71, 3848705.61	2.53587	51.7658	38.2232	0.0071542	0.146042	0.1078356	1.81E-02	3.70E-01	2.73E-01	6.49E-03	1.33E-01	9.78E-02
1162	475343.71, 3848730.61	2.79067	53.4232	40.1197	0.0078731	0.1507179	0.1131861	1.99E-02	3.82E-01	2.87E-01	7.14E-03	1.37E-01	1.03E-01
1163	475343.71, 3848755.61	3.06119	54.2427	41.8057	0.0086363	0.1530299	0.1179426	2.19E-02	3.87E-01	2.99E-01	7.84E-03	1.39E-01	1.07E-01
1164	475343.71, 3848780.61	3.32975	54.463	43.4752	0.0093939	0.1536514	0.1226524	2.38E-02	3.89E-01	3.11E-01	8.52E-03	1.39E-01	1.11E-01
1165	475343.71, 3848805.61	3.61961	56.8344	45.4898	0.0102117	0.1603417	0.1283363	2.59E-02	4.06E-01	3.25E-01	9.27E-03	1.45E-01	1.16E-01
1166	475343.71, 3848830.61	3.921	60.1441	47.4965	0.011062	0.1696789	0.1339974	2.80E-02	4.30E-01	3.39E-01	1.00E-02	1.54E-01	1.22E-01
1167	475343.71, 3848855.61	4.28411	63.9266	50.1851	0.0120864	0.1803503	0.1415826	3.06E-02	4.57E-01	3.59E-01	1.10E-02	1.64E-01	1.28E-01
1168	475343.71, 3848880.61	4.75643	68.0794	53.6928	0.0134189	0.192066	0.1514786	3.40E-02	4.86E-01	3.84E-01	1.22E-02	1.74E-01	1.37E-01
1169	475343.71, 3848905.61	5.28992	72.5918	58.0876	0.014924	0.2047966	0.1638771	3.78E-02	5.19E-01	4.15E-01	1.35E-02	1.86E-01	1.49E-01
1170	475343.71, 3848930.61	5.97524	77.8542	63.1386	0.0168574	0.219643	0.1781271	4.27E-02	5.56E-01	4.51E-01	1.53E-02	1.99E-01	1.62E-01
1171	475343.71, 3848955.61	6.90731	84.3592	70.2115	0.019487	0.2379949	0.1980813	4.93E-02	6.03E-01	5.02E-01	1.77E-02	2.16E-01	1.80E-01
1172	475343.71, 3848980.61	8.27464	93.6695	79.6368	0.0233445	0.2642612	0.224672	5.91E-02	6.69E-01	5.69E-01	2.12E-02	2.40E-01	2.04E-01
1173	475343.71, 3849005.61	10.422	106.253	94.5568	0.0294025	0.2997605	0.2667645	7.45E-02	7.59E-01	6.75E-01	2.67E-02	2.72E-01	2.42E-01
1174	475368.71, 3848705.61	2.48312	50.3499	37.1532	0.0070054	0.1420476	0.1048169	1.77E-02	3.60E-01	2.65E-01	6.36E-03	1.29E-01	9.51E-02
1175	475368.71, 3848730.61	2.63653	51.9566	38.7257	0.0074382	0.1465802	0.1092532	1.88E-02	3.71E-01	2.77E-01	6.75E-03	1.33E-01	9.91E-02
1176	475368.71, 3848755.61	2.89012	52.8888	40.2418	0.0081536	0.1492103	0.1135305	2.06E-02	3.78E-01	2.87E-01	7.40E-03	1.35E-01	1.03E-01
1177	475368.71, 3848780.61	3.16563	53.4985	42.1413	0.0089309	0.1509303	0.1188893	2.26E-02	3.82E-01	3.01E-01	8.10E-03	1.37E-01	1.08E-01
1178	475368.71, 3848805.61	3.4422	54.0934	43.4549	0.0097112	0.1526087	0.1225953	2.46E-02	3.86E-01	3.10E-01	8.81E-03	1.38E-01	1.11E-01
1179	475368.71, 3848830.61	3.73087	57.182	45.5278	0.0105256	0.1613223	0.1284434	2.67E-02	4.08E-01	3.25E-01	9.55E-03	1.46E-01	1.17E-01
1180	475368.71, 3848855.61	4.07534	60.9915	48.0049	0.0114974	0.1720697	0.1354319	2.91E-02	4.36E-01	3.43E-01	1.04E-02	1.56E-01	1.23E-01
1181	475368.71, 3848880.61	4.49372	64.7688	51.0974	0.0126777	0.1827263	0.1441564	3.21E-02	4.63E-01	3.65E-01	1.15E-02	1.66E-01	1.31E-01
1182	475368.71, 3848905.61	4.93873	68.6108	54.537	0.0139332	0.1935652	0.1538603	3.53E-02	4.90E-01	3.90E-01	1.26E-02	1.76E-01	1.40E-01
1183	475368.71, 3848930.61	5.50474	73.0072	58.5411	0.01553	0.2059684	0.1651566	3.93E-02	5.22E-01	4.18E-01	1.41E-02	1.87E-01	1.50E-01
1184	475368.71, 3848955.61	6.28659	78.4381	64.2519	0.0177358	0.2212901	0.1812681	4.49E-02	5.60E-01	4.59E-01	1.61E-02	2.01E-01	1.64E-01
1185	475368.71, 3848980.61	7.44614	85.978	72.2859	0.0210071	0.2425617	0.2039335	5.32E-02	6.14E-01	5.16E-01	1.91E-02	2.20E-01	1.85E-01
1186	475368.71, 3849005.61	9.23925	97.1931	84.3519	0.0260658	0.2742019	0.2379742	6.60E-02	6.94E-01	6.03E-01	2.37E-02	2.49E-01	2.16E-01
1187	475368.71, 3849030.61	12.0821	112.15	105.119	0.034086	0.316398	0.296563	8.63E-02	8.01E-01	7.51E-01	3.09E-02	2.87E-01	2.69E-01
1188	475393.71, 3848730.61	2.61543	50.0393	37.3095	0.0073787	0.1411712	0.1052579	1.87E-02	3.57E-01	2.67E-01	6.69E-03	1.28E-01	9.55E-02
1189	475393.71, 3848755.61	2.78048	51.189	38.8742	0.0078443	0.1444148	0.1096723	1.99E-02	3.66E-01	2.78E-01	7.12E-03	1.31E-01	9.95E-02
1190	475393.71, 3848780.61	3.02329	52.0615	40.667	0.0085293	0.1468763	0.1147302	2.16E-02	3.72E-01	2.91E-01	7.74E-03	1.33E-01	1.04E-01
1191	475393.71, 3848805.61	3.27081	52.268	41.8744	0.0092276	0.147459	0.1181365	2.34E-02	3.73E-01	2.99E-01	8.37E-03	1.34E-01	1.07E-01
1192	475393.71, 3848830.61	3.52641	54.6675	43.9837	0.0099487	0.1542285	0.1240871	2.52E-02	3.91E-01	3.14E-01	9.03E-03	1.40E-01	1.13E-01
1193	475393.71, 3848855.61	3.7992	57.7054	45.7525	0.0107183	0.1627988	0.1290773	2.71E-02	4.12E-01	3.27E-01	9.73E-03	1.48E-01	1.17E-01
1194	475393.71, 3848880.61	4.13717	61.1974	48.1352	0.0116718	0.1726505	0.1357994	2.96E-02	4.37E-01	3.44E-01	1.06E-02	1.57E-01	1.23E-01
1195	475393.71, 3848905.61	4.56019	64.8445	51.1629	0.0128652	0.1829399	0.1443413	3.26E-02	4.63E-01	3.65E-01	1.17E-02	1.66E-01	1.31E-01

1196	475393.71, 3848930.61	4.95384	68.2329	54.501	0.0139758	0.1924991	0.1537586	3.54E-02	4.87E-01	3.89E-01	1.27E-02	1.75E-01	1.40E-01
1197	475393.71, 3848955.61	5.73546	73.2315	59.5275	0.0161809	0.2066012	0.1679393	4.10E-02	5.23E-01	4.25E-01	1.47E-02	1.87E-01	1.52E-01
1198	475393.71, 3848980.61	6.77014	79.5596	66.9398	0.0191	0.2244542	0.1888511	4.84E-02	5.68E-01	4.78E-01	1.73E-02	2.04E-01	1.71E-01
1199	475393.71, 3849005.61	8.28152	88.9841	76.689	0.0233639	0.2510426	0.2163556	5.92E-02	6.36E-01	5.48E-01	2.12E-02	2.28E-01	1.96E-01
1200	475393.71, 3849030.61	10.5831	103.629	93.8239	0.0298572	0.2923595	0.2646967	7.56E-02	7.40E-01	6.70E-01	2.71E-02	2.65E-01	2.40E-01
1201	475418.71, 3848755.61	2.73504	48.9235	37.6313	0.0077161	0.1380234	0.1061656	1.95E-02	3.49E-01	2.69E-01	7.00E-03	1.25E-01	9.63E-02
1202	475418.71, 3848780.61	2.89997	50.3618	39.0947	0.0081814	0.1420812	0.1102941	2.07E-02	3.60E-01	2.79E-01	7.42E-03	1.29E-01	1.00E-01
1203	475418.71, 3848805.61	3.09672	51.02	40.4258	0.0087365	0.143938	0.1140496	2.21E-02	3.64E-01	2.89E-01	7.93E-03	1.31E-01	1.03E-01
1204	475418.71, 3848830.61	3.31999	52.9558	42.0611	0.0093664	0.1493992	0.1186631	2.37E-02	3.78E-01	3.00E-01	8.50E-03	1.36E-01	1.08E-01
1205	475418.71, 3848855.61	3.56788	55.5666	44.3568	0.0100657	0.1567648	0.1251398	2.55E-02	3.97E-01	3.17E-01	9.13E-03	1.42E-01	1.14E-01
1206	475418.71, 3848880.61	3.86374	58.3789	46.0621	0.0109004	0.164699	0.1299508	2.76E-02	4.17E-01	3.29E-01	9.89E-03	1.49E-01	1.18E-01
1207	475418.71, 3848905.61	4.1749	61.8415	48.352	0.0117783	0.1744676	0.136411	2.98E-02	4.42E-01	3.45E-01	1.07E-02	1.58E-01	1.24E-01
1208	475418.71, 3848930.61	4.531	65.6379	51.2135	0.0127829	0.185178	0.1444841	3.24E-02	4.69E-01	3.66E-01	1.16E-02	1.68E-01	1.31E-01
1209	475418.71, 3848955.61	5.15744	68.5126	55.0859	0.0145502	0.1932882	0.1554088	3.68E-02	4.89E-01	3.94E-01	1.32E-02	1.75E-01	1.41E-01
1210	475418.71, 3848980.61	6.25147	74.5257	62.4465	0.0176367	0.2102524	0.1761745	4.47E-02	5.32E-01	4.46E-01	1.60E-02	1.91E-01	1.60E-01
1211	475418.71, 3849005.61	7.51483	82.7703	70.354	0.0212009	0.2335122	0.1984833	5.37E-02	5.91E-01	5.03E-01	1.92E-02	2.12E-01	1.80E-01
1212	475418.71, 3849030.61	9.36743	96.0684	84.075	0.0264275	0.271029	0.2371932	6.69E-02	6.86E-01	6.01E-01	2.40E-02	2.46E-01	2.15E-01
1213	475418.71, 3849055.61	12.6254	114.502	106.279	0.0356189	0.3230342	0.2998364	9.02E-02	8.18E-01	7.59E-01	3.23E-02	2.93E-01	2.72E-01
1214	475443.71, 3848780.61	2.84934	46.486	37.2402	0.0080386	0.1311466	0.1050623	2.04E-02	3.32E-01	2.66E-01	7.29E-03	1.19E-01	9.53E-02
1215	475443.71, 3848805.61	2.97979	49.1101	38.719	0.0084066	0.1385498	0.1092344	2.13E-02	3.51E-01	2.77E-01	7.63E-03	1.26E-01	9.91E-02
1216	475443.71, 3848830.61	3.14233	51.437	40.7246	0.0088652	0.1451146	0.1148925	2.24E-02	3.67E-01	2.91E-01	8.04E-03	1.32E-01	1.04E-01
1217	475443.71, 3848855.61	3.35312	53.6916	42.2944	0.0094598	0.1514751	0.1193213	2.40E-02	3.84E-01	3.02E-01	8.58E-03	1.37E-01	1.08E-01
1218	475443.71, 3848880.61	3.62603	56.6332	44.8558	0.0102298	0.159774	0.1265475	2.59E-02	4.05E-01	3.20E-01	9.28E-03	1.45E-01	1.15E-01
1219	475443.71, 3848905.61	3.89927	60.323	47.1014	0.0110007	0.1701837	0.1328828	2.79E-02	4.31E-01	3.36E-01	9.98E-03	1.54E-01	1.21E-01
1220	475443.71, 3848930.61	4.29336	62.9644	48.8496	0.0121125	0.1776356	0.1378149	3.07E-02	4.50E-01	3.49E-01	1.10E-02	1.61E-01	1.25E-01
1221	475443.71, 3848955.61	4.87189	65.106	52.0878	0.0137446	0.1836775	0.1469505	3.48E-02	4.65E-01	3.72E-01	1.25E-02	1.67E-01	1.33E-01
1222	475443.71, 3848980.61	5.80384	70.138	58.0449	0.0163738	0.1978739	0.1637568	4.15E-02	5.01E-01	4.15E-01	1.49E-02	1.80E-01	1.49E-01
1223	475443.71, 3849005.61	6.84346	77.0122	65.1337	0.0193068	0.2172675	0.1837557	4.89E-02	5.50E-01	4.65E-01	1.75E-02	1.97E-01	1.67E-01
1224	475443.71, 3849030.61	8.35947	88.7007	75.6299	0.0235838	0.2502432	0.2133675	5.97E-02	6.34E-01	5.40E-01	2.14E-02	2.27E-01	1.94E-01
1225	475443.71, 3849055.61	10.9436	106.812	93.6429	0.030874	0.3013378	0.2641862	7.82E-02	7.63E-01	6.69E-01	2.80E-02	2.73E-01	2.40E-01
1226	475468.71, 3848780.61	2.81133	43.4187	36.0569	0.0079313	0.1224932	0.101724	2.01E-02	3.10E-01	2.58E-01	7.20E-03	1.11E-01	9.23E-02
1227	475468.71, 3848805.61	2.90746	46.1184	37.3193	0.0082025	0.1301096	0.1052855	2.08E-02	3.29E-01	2.67E-01	7.44E-03	1.18E-01	9.55E-02
1228	475468.71, 3848830.61	3.01694	49.9107	39.3221	0.0085114	0.1408084	0.1109358	2.16E-02	3.57E-01	2.81E-01	7.72E-03	1.28E-01	1.01E-01
1229	475468.71, 3848855.61	3.17095	52.6974	41.0437	0.0089459	0.1486703	0.1157928	2.27E-02	3.76E-01	2.93E-01	8.12E-03	1.35E-01	1.05E-01
1230	475468.71, 3848880.61	3.39398	54.6299	42.7445	0.0095751	0.1541223	0.1205911	2.42E-02	3.90E-01	3.05E-01	8.69E-03	1.40E-01	1.09E-01
1231	475468.71, 3848905.61	3.67723	57.7923	45.0556	0.0103742	0.163044	0.1271111	2.63E-02	4.13E-01	3.22E-01	9.41E-03	1.48E-01	1.15E-01
1232	475468.71, 3848930.61	4.05381	60.8317	47.3127	0.0114366	0.171619	0.1334789	2.90E-02	4.35E-01	3.38E-01	1.04E-02	1.56E-01	1.21E-01
1233	475468.71, 3848955.61	4.55448	62.2467	48.8718	0.0128491	0.175611	0.1378775	3.25E-02	4.45E-01	3.49E-01	1.17E-02	1.59E-01	1.25E-01
1234	475468.71, 3848980.61	5.25419	65.7637	53.1186	0.0148232	0.1855331	0.1498587	3.75E-02	4.70E-01	3.79E-01	1.34E-02	1.68E-01	1.36E-01
1235	475468.71, 3849005.61	6.19076	71.175	59.2585	0.0174654	0.2007995	0.1671807	4.42E-02	5.08E-01	4.23E-01	1.58E-02	1.82E-01	1.52E-01
1236	475468.71, 3849030.61	7.38398	79.2406	67.0556	0.0208317	0.2235543	0.1891777	5.27E-02	5.66E-01	4.79E-01	1.89E-02	2.03E-01	1.72E-01
1237	475468.71, 3849055.61	9.62231	97.2726	82.4786	0.0271465	0.2744264	0.2326893	6.87E-02	6.95E-01	5.89E-01	2.46E-02	2.49E-01	2.11E-01
1238	475493.71, 3848805.61	2.84807	43.8632	36.3025	0.008035	0.1237471	0.102417	2.03E-02	3.13E-01	2.59E-01	7.29E-03	1.12E-01	9.29E-02
1239	475493.71, 3848830.61	2.94786	46.7037	37.4259	0.0083165	0.1317607	0.1055863	2.11E-02	3.34E-01	2.67E-01	7.55E-03	1.20E-01	9.58E-02
1240	475493.71, 3848855.61	3.07151	50.3584	39.6431	0.0086654	0.1420716	0.1118415	2.19E-02	3.60E-01	2.83E-01	7.86E-03	1.29E-01	1.01E-01
1241	475493.71, 3848880.61	3.21793	53.3284	41.2392	0.0090785	0.1504505	0.1163444	2.30E-02	3.81E-01	2.95E-01	8.24E-03	1.37E-01	1.06E-01
1242	475493.71, 3848905.61	3.45335	55.7928	42.6349	0.0097426	0.1574031	0.1202818	2.47E-02	3.99E-01	3.05E-01	8.84E-03	1.43E-01	1.09E-01
1243	475493.71, 3848930.61	3.80217	58.249	45.0685	0.0107267	0.1643327	0.1271477	2.72E-02	4.16E-01	3.22E-01	9.73E-03	1.49E-01	1.15E-01
1244	475493.71, 3848955.61	4.26416	60.9682	47.0789	0.0120301	0.172004	0.1328193	3.05E-02	4.36E-01	3.36E-01	1.09E-02	1.56E-01	1.21E-01
1245	475493.71, 3848980.61	4.83734	62.3972	50.143	0.0136471	0.1760356	0.1414638	3.46E-02	4.46E-01	3.58E-01	1.24E-02	1.60E-01	1.28E-01
1246	475493.71, 3849005.61	5.55188	65.4638	54.0415	0.015663	0.184687	0.1524624	3.97E-02	4.68E-01	3.86E-01	1.42E-02	1.68E-01	1.38E-01
1247	475493.71, 3849030.61	6.58529	71.4131	60.2905	0.0185785	0.2014713	0.170092	4.70E-02	5.10E-01	4.31E-01	1.69E-02	1.83E-01	1.54E-01
1248	475493.71, 3849055.61	8.81156	91.3426	75.5149	0.0248592	0.2576965	0.2130431	6.29E-02	6.53E-01	5.39E-01	2.26E-02	2.34E-01	1.93E-01
1249	475518.71, 3848830.61	2.88001	44.3586	36.6066	0.0081251	0.1251448	0.1032749	2.06E-02	3.17E-01	2.62E-01	7.37E-03	1.14E-01	9.37E-02
1250	475518.71, 3848855.61	3.01932	47.259	37.9874	0.0085181	0.1333274	0.1071702	2.16E-02	3.38E-01	2.71E-01	7.73E-03	1.21E-01	9.72E-02
1251	475518.71, 3848880.61	3.18805	49.997	39.3134	0.0089942	0.1410519	0.1109113	2.28E-02	3.57E-01	2.81E-01	8.16E-03	1.28E-01	1.01E-01
1252	475518.71, 3848905.61	3.29403	53.7057	41.1356	0.0092931	0.151515	0.1160519	2.35E-02	3.84E-01	2.94E-01	8.43E-03	1.37E-01	1.05E-01
1253	475518.71, 3848930.61	3.58468	56.1669	42.8047	0.0101131	0.1584586	0.1207609	2.56E-02	4.01E-01	3.06E-01	9.18E-03	1.44E-01	1.10E-01
1254	475518.71, 3848955.61	4.00605	58.6646	45.1409	0.0113019	0.1655051	0.127352	2.86E-02	4.19E-01	3.22E-01	1.03E-02	1.50E-01	1.16E-01
1255	475518.71, 3848980.61	4.52448	60.9496	47.4817	0.0127645	0.1719514	0.1339558	3.23E-02	4.35E-01	3.39E-01	1.16E-02	1.56E-01	1.22E-01
1256	475518.71, 3849005.61	5.16906	62.9614	50.9461	0.014583	0.1776273	0.1437295	3.69E-02	4.50E-01	3.64E-01	1.32E-02	1.61E-01	1.30E-01
1257	475518.71, 3849030.61	6.30564	68.7864	58.3111	0.0177895	0.1940606	0.1645076	4.50E-02	4.91E-01	4.17E-01	1.61E-02	1.76E-01	1.49E-01
1258	475518.71, 3849055.61	8.18219	86.7256	70.2535	0.0230837	0.2446709	0.1981999	5.85E-02	6.20E-01	5.02E-01	2.09E-02	2.22E-01	1.80E-01
1259	475518.71, 3849080.61	10.9103	108.116	90.0393	0.0307801	0.3050172	0.2540195	7.79E-02	7.72E-01	6.43E-01	2.79E-02	2.77E-01	2.30E-01
1260	475543.71, 3848855.61	2.98014	44.9018	36.4919	0.0084076	0.1266773	0.1029511	2.13E-02	3.21E-01	2.61E-01	7.63E-03	1.15E-01	9.34E-02
1261	475543.71, 3848880.61	3.10445	47.7757	38.2009	0.0087583	0.1347852	0.1077725	2.22E-02	3.41E-01	2.73E-01	7.95E-03	1.22E-01	9.78E-02
1262	475543.71, 3848905.61	3.2101	51.5726	39.9173	0.0090564	0.145497	0.112615	2.29E-02	3.68E-01	2.85E-01	8.22E-03	1.32E-01	1.02E-01
1263	475543.71, 3848930.61	3.46542	53.7948	41.566	0.0097767	0.1517664	0.1172662	2.48E-02	3.84E-01	2.97E-01	8.87E-03	1.38E-01	1.06E-01
1264	475543.71, 3848955.61	3.81461	56.1183	43.3613	0.0107618	0.1583215	0.1223311	2.73E-02	4.01E-01	3.10E-01	9.76E-03	1.44E-01	1.11E-01
1265	475543.71, 3848980.61	4.27781	58.8459	45.59	0.0120686	0.1660166	0.1286188	3.06E-02	4.20E-01	3.26E-01	1.10E-02	1.51E-01	1.17E-01
1266	475543.71, 3849005.61	4.91886	60.4303	48.3277	0.0138771	0.1704864	0.1363424	3.51E-02	4.32E-01	3.45E-01	1.26E-02	1.55E-01	1.24E-01
1267	475543.71, 3849030.61	5.85061	64.406	53.8057	0.0165058	0.1817028	0.1517971	4.18E-02	4.60E-01	3.84E-01	1.50E-02	1.65E-01	1.38E-01
1268	475543.71, 3849055.61	7.60767	81.4482	66.0213	0.0214628	0.2297822	0.1862598	5.43E-02	5.82E-01	4.72E-01	1.95E-02	2.08E-01	1.69E-01
1269	475543.71, 3849080.61	10.0049	101.634	83.4291	0.0282259	0.286732	0.2353709	7.15E-02	7.26E-01	5.96E-01	2.56E-02	2.60E-01	2.14E-01
1270	475568.71, 3848880.61	3.0363	45.3963	36.9456	0.008566	0.1280723	0.1042313	2.17E-02	3.24E-01	2.64E-01	7.77E-03	1.16E-01	9.46E-02
1271	475568.71, 3848905.61	3.20797	48.273	38.4611	0.0090504	0.1361881	0.1085067	2.29E-02	3.45E-01	2.75E-01	8.21E-03	1.24E-01	9.85E-02
1272	475568.71, 3848930.61	3.47311	50.5102	39.9514	0.0097984	0.1424999	0.1127112	2.48E-02	3.61E-01	2.85E-01	8.89E-03	1.29E-01	1.02E-01
1273	475568.71, 3848955.61	3.76891	53.1753	42.1965	0.0106329	0.1500186	0.119045	2.69E-02	3.80E-01	3.01E-01	9.65E-03	1.36E-01	1.08E-01
1274	475568.71, 3848980.61	4.13697	56.1949	43.9423	0.0116713	0.1585375	0.1239705	2.96E-02	4.01E-01	3.14E-01	1.06E-02	1.44E-01	1.12E-01
1275	475568.71, 3849005.61	4.69083	58.1977	46.4732	0.0132338	0.1641879	0.1311107	3.35E-02	4.16E-01	3.32E-01	1.20E-02	1.49E-01	1.19E-01

1276	475568.71, 3849030.61	5.48044	60.7641	50.8696	0.0154615	0.1714283	0.1435137	3.92E-02	4.34E-01	3.63E-01	1.40E-02	1.56E-01	1.30E-01
1277	475568.71, 3849055.61	7.16527	77.763	62.6713	0.0202147	0.2193857	0.1768087	5.12E-02	5.56E-01	4.48E-01	1.83E-02	1.99E-01	1.60E-01
1278	475568.71, 3849080.61	9.34563	98.2785	79.8033	0.026366	0.2772641	0.2251418	6.68E-02	7.02E-01	5.70E-01	2.39E-02	2.52E-01	2.04E-01
1279	475593.71, 3848905.61	3.1756	45.4115	36.8306	0.008959	0.1281152	0.1039068	2.27E-02	3.24E-01	2.63E-01	8.13E-03	1.16E-01	9.43E-02
1280	475593.71, 3848930.61	3.40767	47.5649	38.3345	0.0096137	0.1341904	0.1081496	2.43E-02	3.40E-01	2.74E-01	8.72E-03	1.22E-01	9.81E-02
1281	475593.71, 3848955.61	3.68857	49.9101	40.3164	0.0104062	0.1408068	0.113741	2.64E-02	3.57E-01	2.88E-01	9.44E-03	1.28E-01	1.03E-01
1282	475593.71, 3848980.61	4.06392	52.5664	42.0381	0.0114652	0.1483008	0.1185981	2.90E-02	3.76E-01	3.00E-01	1.04E-02	1.35E-01	1.08E-01
1283	475593.71, 3849005.61	4.61234	55.0393	45.4337	0.0130124	0.1552773	0.1281779	3.29E-02	3.93E-01	3.25E-01	1.18E-02	1.41E-01	1.16E-01
1284	475593.71, 3849030.61	5.52749	61.0718	51.8443	0.0155942	0.1722963	0.1462636	3.95E-02	4.36E-01	3.70E-01	1.41E-02	1.56E-01	1.33E-01
1285	475593.71, 3849055.61	6.79881	74.733	60.6984	0.0191809	0.2108372	0.1712428	4.86E-02	5.34E-01	4.34E-01	1.74E-02	1.91E-01	1.55E-01
1286	475593.71, 3849080.61	8.79017	95.3586	76.2447	0.0247989	0.2690263	0.2151021	6.28E-02	6.81E-01	5.45E-01	2.25E-02	2.44E-01	1.95E-01
1287	475618.71, 3848905.61	3.20459	44.9624	36.4256	0.0090408	0.1268483	0.1027643	2.29E-02	3.21E-01	2.60E-01	8.20E-03	1.15E-01	9.32E-02
1288	475618.71, 3848930.61	3.38574	46.1869	37.4483	0.0095519	0.1303029	0.1056493	2.42E-02	3.30E-01	2.68E-01	8.67E-03	1.18E-01	9.59E-02
1289	475618.71, 3848955.61	3.59581	47.689	38.7348	0.0101445	0.1345405	0.109279	2.57E-02	3.41E-01	2.77E-01	9.20E-03	1.22E-01	9.92E-02
1290	475618.71, 3848980.61	3.92553	50.1444	40.6051	0.0110747	0.1414679	0.1145554	2.80E-02	3.58E-01	2.90E-01	1.00E-02	1.28E-01	1.04E-01
1291	475618.71, 3849005.61	4.40376	52.6259	43.9246	0.0124239	0.1484685	0.1239204	3.15E-02	3.76E-01	3.14E-01	1.13E-02	1.35E-01	1.12E-01
1292	475618.71, 3849030.61	5.16828	57.4221	48.8712	0.0145808	0.1619997	0.1378759	3.69E-02	4.10E-01	3.49E-01	1.32E-02	1.47E-01	1.25E-01
1293	475618.71, 3849055.61	6.23098	66.6081	55.251	0.0175789	0.1879153	0.1558744	4.45E-02	4.76E-01	3.95E-01	1.59E-02	1.71E-01	1.41E-01
1294	475618.71, 3849080.61	7.9656	85.5432	67.8713	0.0224726	0.2413353	0.1914791	5.69E-02	6.11E-01	4.85E-01	2.04E-02	2.19E-01	1.74E-01
1295	475618.71, 3849105.61	11.035	109.65	93.0288	0.0311321	0.3093451	0.2624536	7.88E-02	7.83E-01	6.65E-01	2.82E-02	2.81E-01	2.38E-01
1296	475643.71, 3848905.61	3.15467	43.8118	36.5451	0.0089	0.1236022	0.1031014	2.25E-02	3.13E-01	2.61E-01	8.08E-03	1.12E-01	9.35E-02
1297	475643.71, 3848930.61	3.33939	45.2517	37.3197	0.0094211	0.1276645	0.1052868	2.39E-02	3.23E-01	2.67E-01	8.55E-03	1.16E-01	9.55E-02
1298	475643.71, 3848955.61	3.50323	46.0249	37.6996	0.0098833	0.1298457	0.1063585	2.50E-02	3.29E-01	2.69E-01	8.97E-03	1.18E-01	9.65E-02
1299	475643.71, 3848980.61	3.81354	48.0199	39.7196	0.0107588	0.135474	0.1120572	2.72E-02	3.43E-01	2.84E-01	9.76E-03	1.23E-01	1.02E-01
1300	475643.71, 3849005.61	4.30984	50.9799	43.336	0.012159	0.1438249	0.1222598	3.08E-02	3.64E-01	3.10E-01	1.10E-02	1.30E-01	1.11E-01
1301	475643.71, 3849030.61	5.04586	56.1003	48.1684	0.0142354	0.1582706	0.1358931	3.60E-02	4.01E-01	3.44E-01	1.29E-02	1.44E-01	1.23E-01
1302	475643.71, 3849055.61	5.9962	64.039	54.0095	0.0169165	0.1806673	0.1523721	4.28E-02	4.57E-01	3.86E-01	1.53E-02	1.64E-01	1.38E-01
1303	475643.71, 3849080.61	7.51055	81.3413	64.8637	0.0211888	0.2294808	0.1829939	5.37E-02	5.81E-01	4.63E-01	1.92E-02	2.08E-01	1.66E-01
1304	475643.71, 3849105.61	10.3439	106.754	89.2433	0.0291822	0.3011743	0.2517739	7.39E-02	7.63E-01	6.38E-01	2.65E-02	2.73E-01	2.28E-01
1305	475668.71, 3848905.61	3.04788	42.2804	34.7503	0.0085987	0.1192819	0.0980379	2.18E-02	3.02E-01	2.48E-01	7.80E-03	1.08E-01	8.90E-02
1306	475668.71, 3848930.61	3.253	43.9601	36.3639	0.0091774	0.1240206	0.1025902	2.32E-02	3.14E-01	2.60E-01	8.33E-03	1.13E-01	9.31E-02
1307	475668.71, 3848955.61	3.50207	45.673	37.7597	0.0098801	0.1288531	0.1065278	2.50E-02	3.26E-01	2.70E-01	8.96E-03	1.17E-01	9.67E-02
1308	475668.71, 3848980.61	3.80813	47.3425	39.5716	0.0107435	0.133563	0.1116397	2.72E-02	3.38E-01	2.83E-01	9.75E-03	1.21E-01	1.01E-01
1309	475668.71, 3849005.61	4.25224	49.936	42.4383	0.0119965	0.1408797	0.1197274	3.04E-02	3.57E-01	3.03E-01	1.09E-02	1.28E-01	1.09E-01
1310	475668.71, 3849030.61	4.91964	55.4599	47.3057	0.0138793	0.1564638	0.1334591	3.51E-02	3.96E-01	3.38E-01	1.26E-02	1.42E-01	1.21E-01
1311	475668.71, 3849055.61	5.88315	65.8408	54.1885	0.0165976	0.1857507	0.1528769	4.20E-02	4.70E-01	3.87E-01	1.51E-02	1.69E-01	1.39E-01
1312	475668.71, 3849080.61	7.34903	82.8934	65.9138	0.0207331	0.2338596	0.1859564	5.25E-02	5.92E-01	4.71E-01	1.88E-02	2.12E-01	1.69E-01
1313	475668.71, 3849105.61	9.90431	106.693	86.6675	0.0279421	0.3010029	0.244507	7.08E-02	7.62E-01	6.19E-01	2.54E-02	2.73E-01	2.22E-01
1314	475693.71, 3848905.61	2.99397	41.0215	34.3376	0.0084466	0.1157302	0.0968735	2.14E-02	2.93E-01	2.45E-01	7.66E-03	1.05E-01	8.79E-02
1315	475693.71, 3848930.61	3.21799	43.3401	36.4144	0.0090786	0.1222714	0.1027326	2.30E-02	3.10E-01	2.60E-01	8.24E-03	1.11E-01	9.32E-02
1316	475693.71, 3848955.61	3.48008	45.5696	37.8906	0.009818	0.1285613	0.1068973	2.49E-02	3.26E-01	2.71E-01	8.91E-03	1.17E-01	9.70E-02
1317	475693.71, 3848980.61	3.79366	47.4171	40.0752	0.0107027	0.1337734	0.1130605	2.71E-02	3.39E-01	2.86E-01	9.71E-03	1.21E-01	1.03E-01
1318	475693.71, 3849005.61	4.20483	49.8775	42.7466	0.0118627	0.1407149	0.1205971	3.00E-02	3.56E-01	3.05E-01	1.08E-02	1.28E-01	1.09E-01
1319	475693.71, 3849030.61	4.73538	53.2225	46.1088	0.0133595	0.1501516	0.1300826	3.38E-02	3.80E-01	3.29E-01	1.21E-02	1.36E-01	1.18E-01
1320	475693.71, 3849055.61	5.61402	62.39	52.5509	0.0158383	0.1760151	0.1482571	4.01E-02	4.46E-01	3.75E-01	1.44E-02	1.60E-01	1.35E-01
1321	475693.71, 3849080.61	6.94235	77.882	62.92	0.0195858	0.2197212	0.1775103	4.96E-02	5.56E-01	4.49E-01	1.78E-02	1.99E-01	1.61E-01
1322	475693.71, 3849105.61	9.28135	101.434	82.2566	0.0261846	0.2861663	0.2320631	6.63E-02	7.25E-01	5.88E-01	2.38E-02	2.60E-01	2.11E-01
1323	475693.71, 3849130.61	13.2978	124.211	111.602	0.0375159	0.3504254	0.3148528	9.50E-02	8.87E-01	7.97E-01	3.40E-02	3.18E-01	2.86E-01
1324	475718.71, 3848930.61	3.1571	43.0374	36.0979	0.0089068	0.1214175	0.1018396	2.26E-02	3.07E-01	2.58E-01	8.08E-03	1.10E-01	9.24E-02
1325	475718.71, 3848955.61	3.43229	47.1363	38.0023	0.0096832	0.1329813	0.1072125	2.45E-02	3.37E-01	2.71E-01	8.79E-03	1.21E-01	9.73E-02
1326	475718.71, 3848980.61	3.75783	50.6121	40.5646	0.0106016	0.1427872	0.1144411	2.68E-02	3.62E-01	2.90E-01	9.62E-03	1.30E-01	1.04E-01
1327	475718.71, 3849005.61	4.17444	53.9336	43.6583	0.011777	0.1521578	0.1231693	2.98E-02	3.85E-01	3.12E-01	1.07E-02	1.38E-01	1.12E-01
1328	475718.71, 3849030.61	4.65171	54.3633	46.2464	0.0131234	0.1533701	0.1304707	3.32E-02	3.88E-01	3.30E-01	1.19E-02	1.39E-01	1.18E-01
1329	475718.71, 3849055.61	5.33541	58.9368	50.4145	0.0150523	0.1662729	0.1422298	3.81E-02	4.21E-01	3.60E-01	1.37E-02	1.51E-01	1.29E-01
1330	475718.71, 3849080.61	6.5808	72.902	60.1284	0.0185658	0.2056717	0.1696348	4.70E-02	5.21E-01	4.30E-01	1.68E-02	1.87E-01	1.54E-01
1331	475718.71, 3849105.61	8.75298	97.8054	79.8723	0.024694	0.2759294	0.2253364	6.25E-02	6.99E-01	5.71E-01	2.24E-02	2.50E-01	2.04E-01
1332	475718.71, 3849130.61	12.4343	120.183	108.214	0.0350797	0.339061	0.3052955	8.88E-02	8.59E-01	7.73E-01	3.18E-02	3.08E-01	2.77E-01
1333	475743.71, 3848930.61	3.04558	40.9043	35.1603	0.0085922	0.1153995	0.0991944	2.18E-02	2.92E-01	2.51E-01	7.80E-03	1.05E-01	9.00E-02
1334	475743.71, 3848955.61	3.31198	44.6515	36.9561	0.0093438	0.1259711	0.1042607	2.37E-02	3.19E-01	2.64E-01	8.48E-03	1.14E-01	9.46E-02
1335	475743.71, 3848980.61	3.64203	50.2112	39.5111	0.0102749	0.1416562	0.1114689	2.60E-02	3.59E-01	2.82E-01	9.32E-03	1.29E-01	1.01E-01
1336	475743.71, 3849005.61	4.06939	54.7303	43.1425	0.0114806	0.1544054	0.1217139	2.91E-02	3.91E-01	3.08E-01	1.04E-02	1.40E-01	1.10E-01
1337	475743.71, 3849030.61	4.63102	59.4586	47.5321	0.0130651	0.1677451	0.1340978	3.31E-02	4.25E-01	3.40E-01	1.19E-02	1.52E-01	1.22E-01
1338	475743.71, 3849055.61	5.25185	60.0755	50.6537	0.0148166	0.1694853	0.1429047	3.75E-02	4.29E-01	3.62E-01	1.34E-02	1.54E-01	1.30E-01
1339	475743.71, 3849080.61	6.33454	70.6956	58.9396	0.0178711	0.1994471	0.1662808	4.53E-02	5.05E-01	4.21E-01	1.62E-02	1.81E-01	1.51E-01
1340	475743.71, 3849105.61	8.2814	94.43	75.842	0.0233636	0.2664066	0.2139661	5.92E-02	6.75E-01	5.42E-01	2.12E-02	2.42E-01	1.94E-01
1341	475743.71, 3849130.61	11.6577	115.792	103.54	0.0328887	0.3266741	0.2921069	8.33E-02	8.27E-01	7.40E-01	2.98E-02	2.96E-01	2.65E-01
1342	475768.71, 3848930.61	2.95376	39.7539	34.0864	0.0083332	0.1121539	0.0961648	2.11E-02	2.84E-01	2.44E-01	7.56E-03	1.02E-01	8.73E-02
1343	475768.71, 3848955.61	3.19182	42.3818	36.3237	0.0090048	0.119568	0.1024767	2.28E-02	3.03E-01	2.59E-01	8.17E-03	1.08E-01	9.30E-02
1344	475768.71, 3848980.61	3.50209	46.8212	38.8522	0.0098801	0.1320923	0.1096102	2.50E-02	3.34E-01	2.78E-01	8.96E-03	1.20E-01	9.95E-02
1345	475768.71, 3849005.61	3.90934	53.4758	42.1373	0.0110291	0.1508664	0.1188781	2.79E-02	3.82E-01	3.01E-01	1.00E-02	1.37E-01	1.08E-01
1346	475768.71, 3849030.61	4.46408	58.725	46.0949	0.0125941	0.1656755	0.1300432	3.19E-02	4.20E-01	3.29E-01	1.14E-02	1.50E-01	1.18E-01
1347	475768.71, 3849055.61	5.13966	60.236	50.7939	0.0145001	0.1699383	0.1433002	3.67E-02	4.30E-01	3.63E-01	1.32E-02	1.54E-01	1.30E-01
1348	475768.71, 3849080.61	5.99651	66.4873	56.8108	0.0169174	0.1875746	0.160275	4.28E-02	4.75E-01	4.06E-01	1.53E-02	1.70E-01	1.45E-01
1349	475768.71, 3849105.61	7.60692	83.8198	70.1078	0.0214607	0.236473	0.1977887	5.43E-02	5.99E-01	5.01E-01	1.95E-02	2.15E-01	1.79E-01
1350	475768.71, 3849130.61	10.925	111.575	97.6949	0.0308218	0.314776	0.2756176	7.80E-02	7.97E-01	6.98E-01	2.80E-02	2.86E-01	2.50E-01
1351	475793.71, 3848930.61	2.89381	38.5673	33.2047	0.008164	0.1088062	0.0936774	2.07E-02	2.76E-01	2.37E-01	7.41E-03	9.87E-02	8.50E-02
1352	475793.71, 3848955.61	3.11355	41.1634	35.5001	0.008784	0.1161304	0.1001531	2.22E-02	2.94E-01	2.54E-01	7.97E-03	1.05E-01	9.09E-02
1353	475793.71, 3848980.61	3.38352	44.9977	38.1042	0.0095456	0.1269478	0.1074998	2.42E-02	3.21E-01	2.72E-01	8.66E-03	1.15E-01	9.75E-02
1354	475793.71, 3849005.61	3.747	50.7185	41.1768	0.0105711	0.1430875	0.1161683	2.68E-02	3.62E-01	2.94E-01	9.59E-03	1.30E-01	1.05E-01
1355	475793.71, 3849030.61	4.24005	57.4598	44.6568	0.0119621	0.1621061	0.1259862	3.03E-02	4.10E-01	3.19E-01	1.09E-02	1.47E-01	1.14E-01

1356	475793.71, 3849055.61	4.99357	64.8248	50.7295	0.0140879	0.1828844	0.1431185	3.57E-02	4.63E-01	3.62E-01	1.28E-02	1.66E-01	1.30E-01
1357	475793.71, 3849080.61	6.02519	70.6171	59.2679	0.0169983	0.1992256	0.1672069	4.30E-02	5.04E-01	4.23E-01	1.54E-02	1.81E-01	1.52E-01
1358	475793.71, 3849105.61	7.33748	81.5041	68.57	0.0207006	0.2299401	0.1934502	5.24E-02	5.82E-01	4.90E-01	1.88E-02	2.09E-01	1.76E-01
1359	475793.71, 3849130.61	10.1013	107.234	90.9384	0.0284979	0.3025297	0.2565561	7.22E-02	7.66E-01	6.50E-01	2.59E-02	2.74E-01	2.33E-01
1360	475818.71, 3848930.61	2.83958	38.0263	32.6073	0.008011	0.1072802	0.0919919	2.03E-02	2.72E-01	2.33E-01	7.27E-03	9.73E-02	8.35E-02
1361	475818.71, 3848955.61	3.05537	39.9933	34.6855	0.0086198	0.1128295	0.0978551	2.18E-02	2.86E-01	2.48E-01	7.82E-03	1.02E-01	8.88E-02
1362	475818.71, 3848980.61	3.30952	43.6979	37.5558	0.0093368	0.1232807	0.1059527	2.36E-02	3.12E-01	2.68E-01	8.47E-03	1.12E-01	9.61E-02
1363	475818.71, 3849005.61	3.63658	49.1235	40.4512	0.0102595	0.1385876	0.1141213	2.60E-02	3.51E-01	2.89E-01	9.31E-03	1.26E-01	1.04E-01
1364	475818.71, 3849030.61	4.07927	55.8716	43.7134	0.0115085	0.1576254	0.1233247	2.91E-02	3.99E-01	3.12E-01	1.04E-02	1.43E-01	1.12E-01
1365	475818.71, 3849055.61	4.72275	63.3726	48.6813	0.0133239	0.1787874	0.13734	3.37E-02	4.53E-01	3.48E-01	1.21E-02	1.62E-01	1.25E-01
1366	475818.71, 3849080.61	5.72233	72.2035	56.7551	0.0161439	0.2037012	0.1601179	4.09E-02	5.16E-01	4.05E-01	1.46E-02	1.85E-01	1.45E-01
1367	475818.71, 3849105.61	7.28844	82.6081	68.9311	0.0205622	0.2330546	0.1944689	5.21E-02	5.90E-01	4.92E-01	1.87E-02	2.11E-01	1.76E-01
1368	475818.71, 3849130.61	9.78777	105.755	88.4621	0.0276133	0.2983563	0.24957	6.99E-02	7.55E-01	6.32E-01	2.51E-02	2.71E-01	2.26E-01
1369	475843.71, 3848955.61	3.00287	39.6456	34.3716	0.0084717	0.1118486	0.0969693	2.15E-02	2.83E-01	2.46E-01	7.69E-03	1.01E-01	8.80E-02
1370	475843.71, 3848980.61	3.26067	41.8774	36.9397	0.009199	0.1181448	0.1042144	2.33E-02	2.99E-01	2.64E-01	8.35E-03	1.07E-01	9.46E-02
1371	475843.71, 3849005.61	3.55428	47.3328	39.663	0.0100274	0.1335358	0.1118975	2.54E-02	3.38E-01	2.83E-01	9.10E-03	1.21E-01	1.02E-01
1372	475843.71, 3849030.61	3.9723	54.1017	43.0577	0.0112067	0.1526322	0.1214747	2.84E-02	3.86E-01	3.08E-01	1.02E-02	1.38E-01	1.10E-01
1373	475843.71, 3849055.61	4.54146	61.8116	47.4804	0.0128124	0.1743833	0.1339522	3.24E-02	4.42E-01	3.39E-01	1.16E-02	1.58E-01	1.22E-01
1374	475843.71, 3849080.61	5.388	70.3192	54.5724	0.0152007	0.198385	0.15396	3.85E-02	5.02E-01	3.90E-01	1.38E-02	1.80E-01	1.40E-01
1375	475843.71, 3849105.61	6.92958	80.2617	66.2426	0.0195498	0.226435	0.1868843	4.95E-02	5.73E-01	4.73E-01	1.77E-02	2.05E-01	1.70E-01
1376	475843.71, 3849130.61	9.36321	101.896	86.1206	0.0264156	0.2874688	0.242964	6.69E-02	7.28E-01	6.15E-01	2.40E-02	2.61E-01	2.20E-01
1377	475868.71, 3848955.61	2.93996	39.2009	33.7615	0.0082942	0.1105938	0.0952483	2.10E-02	2.80E-01	2.41E-01	7.53E-03	1.00E-01	8.64E-02
1378	475868.71, 3848980.61	3.20229	41.5907	36.2554	0.0090343	0.1173361	0.1022841	2.29E-02	2.97E-01	2.59E-01	8.20E-03	1.06E-01	9.28E-02
1379	475868.71, 3849005.61	3.52398	44.7244	39.2855	0.0099419	0.1261768	0.1108326	2.52E-02	3.20E-01	2.81E-01	9.02E-03	1.14E-01	1.01E-01
1380	475868.71, 3849030.61	3.91402	51.9611	42.6046	0.0110423	0.146593	0.1201966	2.80E-02	3.71E-01	3.04E-01	1.00E-02	1.33E-01	1.09E-01
1381	475868.71, 3849055.61	4.41536	60.0366	46.5322	0.0124566	0.1693757	0.1312769	3.15E-02	4.29E-01	3.32E-01	1.13E-02	1.54E-01	1.19E-01
1382	475868.71, 3849080.61	5.16697	68.3447	52.8375	0.0145771	0.1928146	0.1490655	3.69E-02	4.88E-01	3.77E-01	1.32E-02	1.75E-01	1.35E-01
1383	475868.71, 3849105.61	6.36871	78.0864	62.1918	0.0179675	0.2202979	0.1754559	4.55E-02	5.58E-01	4.44E-01	1.63E-02	2.00E-01	1.59E-01
1384	475868.71, 3849130.61	8.65691	94.3633	80.3332	0.0244229	0.2662186	0.2266368	6.18E-02	6.74E-01	5.74E-01	2.22E-02	2.42E-01	2.06E-01
1385	475893.71, 3848955.61	2.87743	39.4925	33.622	0.0081178	0.1114166	0.0948547	2.06E-02	2.82E-01	2.40E-01	7.37E-03	1.01E-01	8.61E-02
1386	475893.71, 3848980.61	3.13346	41.5645	35.9477	0.0088401	0.1172622	0.1014158	2.24E-02	2.97E-01	2.57E-01	8.02E-03	1.06E-01	9.20E-02
1387	475893.71, 3849005.61	3.45609	44.2572	38.8272	0.0097503	0.1248588	0.1095397	2.47E-02	3.16E-01	2.77E-01	8.85E-03	1.13E-01	9.94E-02
1388	475893.71, 3849030.61	3.84977	49.4543	42.5072	0.010861	0.1395209	0.1199216	2.75E-02	3.53E-01	3.04E-01	9.85E-03	1.27E-01	1.09E-01
1389	475893.71, 3849055.61	4.39202	57.5482	47.2928	0.0123908	0.1623553	0.1334229	3.14E-02	4.11E-01	3.38E-01	1.12E-02	1.47E-01	1.21E-01
1390	475893.71, 3849080.61	5.07915	66.5098	52.8719	0.0143293	0.187638	0.1491626	3.63E-02	4.75E-01	3.78E-01	1.30E-02	1.70E-01	1.35E-01
1391	475893.71, 3849105.61	6.09612	75.5965	60.317	0.0171984	0.2132735	0.1701667	4.35E-02	5.40E-01	4.31E-01	1.56E-02	1.94E-01	1.54E-01
1392	475893.71, 3849130.61	7.9101	89.5627	74.4838	0.022316	0.2526749	0.2101343	5.65E-02	6.40E-01	5.32E-01	2.02E-02	2.29E-01	1.91E-01
1393	475893.71, 3849155.61	11.8628	114.475	105.281	0.0334674	0.322958	0.2970186	8.47E-02	8.18E-01	7.52E-01	3.04E-02	2.93E-01	2.69E-01
1394	475918.71, 3848955.61	2.81604	39.6034	33.3129	0.0079446	0.1117293	0.0939827	2.01E-02	2.83E-01	2.38E-01	7.21E-03	1.01E-01	8.53E-02
1395	475918.71, 3848980.61	3.06838	41.643	35.819	0.0086565	0.1174837	0.1010529	2.19E-02	2.97E-01	2.56E-01	7.85E-03	1.07E-01	9.17E-02
1396	475918.71, 3849005.61	3.38097	44.0822	38.5469	0.0095384	0.1243652	0.1087487	2.42E-02	3.15E-01	2.75E-01	8.65E-03	1.13E-01	9.87E-02
1397	475918.71, 3849030.61	3.78251	47.9435	42.2106	0.0106712	0.1352586	0.1190848	2.70E-02	3.42E-01	3.02E-01	9.68E-03	1.23E-01	1.08E-01
1398	475918.71, 3849055.61	4.29419	55.4124	46.7877	0.0121148	0.1563299	0.1319977	3.07E-02	3.96E-01	3.34E-01	1.10E-02	1.42E-01	1.20E-01
1399	475918.71, 3849080.61	5.0016	64.6881	52.4633	0.0141106	0.1824984	0.1480098	3.57E-02	4.62E-01	3.75E-01	1.28E-02	1.66E-01	1.34E-01
1400	475918.71, 3849105.61	5.98718	74.1132	59.315	0.0168911	0.2090887	0.16734	4.28E-02	5.29E-01	4.24E-01	1.53E-02	1.90E-01	1.52E-01
1401	475918.71, 3849130.61	7.52026	84.449	71.3149	0.0212162	0.2382481	0.2011941	5.37E-02	6.03E-01	5.09E-01	1.93E-02	2.16E-01	1.83E-01
1402	475918.71, 3849155.61	10.6332	109.121	97.9739	0.0299984	0.3078536	0.2764046	7.60E-02	7.80E-01	7.00E-01	2.72E-02	2.79E-01	2.51E-01
1403	475943.71, 3848955.61	2.75738	38.7918	32.9307	0.0077791	0.1094396	0.0929045	1.97E-02	2.77E-01	2.35E-01	7.06E-03	9.93E-02	8.43E-02
1404	475943.71, 3848980.61	3.00664	41.4963	35.6793	0.0084824	0.1170697	0.1006588	2.15E-02	2.96E-01	2.55E-01	7.70E-03	1.06E-01	9.13E-02
1405	475943.71, 3849005.61	3.31677	44.696	38.6896	0.0093573	0.1260967	0.1091515	2.37E-02	3.19E-01	2.76E-01	8.49E-03	1.14E-01	9.90E-02
1406	475943.71, 3849030.61	3.71309	47.4342	41.9936	0.0104754	0.1338216	0.1184726	2.65E-02	3.39E-01	3.00E-01	9.50E-03	1.21E-01	1.07E-01
1407	475943.71, 3849055.61	4.19935	53.159	46.1599	0.0118472	0.1499725	0.1302267	3.00E-02	3.80E-01	3.30E-01	1.07E-02	1.36E-01	1.18E-01
1408	475943.71, 3849080.61	4.85305	62.1583	51.3618	0.0136915	0.1753614	0.1449024	3.47E-02	4.44E-01	3.67E-01	1.24E-02	1.59E-01	1.31E-01
1409	475943.71, 3849105.61	5.78272	71.5753	57.8197	0.0163143	0.2019289	0.1631213	4.13E-02	5.11E-01	4.13E-01	1.48E-02	1.83E-01	1.48E-01
1410	475943.71, 3849130.61	7.21946	80.6329	68.9234	0.0203676	0.2274821	0.1944472	5.16E-02	5.76E-01	4.92E-01	1.85E-02	2.06E-01	1.76E-01
1411	475943.71, 3849155.61	9.80017	103.368	89.5643	0.0276483	0.291622	0.2526796	7.00E-02	7.38E-01	6.40E-01	2.51E-02	2.65E-01	2.29E-01
1412	475968.71, 3848955.61	2.70092	38.0864	32.4834	0.0076199	0.1074496	0.0916425	1.93E-02	2.72E-01	2.32E-01	6.91E-03	9.75E-02	8.32E-02
1413	475968.71, 3848980.61	2.94398	40.6996	35.0808	0.0083056	0.114822	0.0989702	2.10E-02	2.91E-01	2.51E-01	7.54E-03	1.04E-01	8.98E-02
1414	475968.71, 3849005.61	3.2485	44.2	38.4862	0.0091647	0.1246974	0.1085777	2.32E-02	3.16E-01	2.75E-01	8.32E-03	1.13E-01	9.85E-02
1415	475968.71, 3849030.61	3.63103	47.0987	41.7658	0.0102439	0.1328752	0.1178301	2.59E-02	3.36E-01	2.98E-01	9.29E-03	1.21E-01	1.07E-01
1416	475968.71, 3849055.61	4.11859	51.9276	45.7829	0.0116194	0.1464986	0.129163	2.94E-02	3.71E-01	3.27E-01	1.05E-02	1.33E-01	1.17E-01
1417	475968.71, 3849080.61	4.77355	59.4649	50.8439	0.0134672	0.1677628	0.1434412	3.41E-02	4.25E-01	3.63E-01	1.22E-02	1.52E-01	1.30E-01
1418	475968.71, 3849105.61	5.67631	69.7661	57.2768	0.0160141	0.1968246	0.1615897	4.06E-02	4.98E-01	4.09E-01	1.45E-02	1.79E-01	1.47E-01
1419	475968.71, 3849130.61	7.00014	79.1245	66.9262	0.0197489	0.2232267	0.1888126	5.00E-02	5.65E-01	4.78E-01	1.79E-02	2.03E-01	1.71E-01
1420	475968.71, 3849155.61	9.23657	96.6484	84.5623	0.0260583	0.2726651	0.2385678	6.60E-02	6.90E-01	6.04E-01	2.36E-02	2.47E-01	2.16E-01
1421	475993.71, 3848980.61	2.88478	39.7907	34.8045	0.0081386	0.1122578	0.0981908	2.06E-02	2.84E-01	2.49E-01	7.38E-03	1.02E-01	8.91E-02
1422	475993.71, 3849005.61	3.1813	43.3232	38.1043	0.0089751	0.1222237	0.1075001	2.27E-02	3.09E-01	2.72E-01	8.14E-03	1.11E-01	9.75E-02
1423	475993.71, 3849030.61	3.55406	46.7804	41.7381	0.0100267	0.1319772	0.1177518	2.54E-02	3.34E-01	2.98E-01	9.10E-03	1.20E-01	1.07E-01
1424	475993.71, 3849055.61	4.02476	51.3841	44.8339	0.0113547	0.1449652	0.1264856	2.88E-02	3.67E-01	3.20E-01	1.03E-02	1.32E-01	1.15E-01
1425	475993.71, 3849080.61	4.64014	57.5073	49.9754	0.0130908	0.1622399	0.1409909	3.31E-02	4.11E-01	3.57E-01	1.19E-02	1.47E-01	1.28E-01
1426	475993.71, 3849105.61	5.51097	67.2212	56.162	0.0155476	0.189645	0.1584448	3.94E-02	4.80E-01	4.01E-01	1.41E-02	1.72E-01	1.44E-01
1427	475993.71, 3849130.61	6.81597	78.277	66.3327	0.0192293	0.2208356	0.1871382	4.87E-02	5.59E-01	4.74E-01	1.74E-02	2.00E-01	1.70E-01
1428	475993.71, 3849155.61	8.81276	92.985	81.1367	0.0248626	0.2623299	0.2289035	6.30E-02	6.64E-01	5.80E-01	2.26E-02	2.38E-01	2.08E-01
1429	476018.71, 3848980.61	2.82798	38.9673	34.6955	0.0079783	0.1099348	0.0978832	2.02E-02	2.78E-01	2.48E-01	7.24E-03	9.97E-02	8.88E-02
1430	476018.71, 3849005.61	3.11818	42.6599	37.7015	0.008797	0.1203523	0.1063637	2.23E-02	3.05E-01	2.69E-01	7.98E-03	1.09E-01	9.65E-02
1431	476018.71, 3849030.61	3.48676	46.7395	41.2646	0.0098369	0.1318619	0.116416	2.49E-02	3.34E-01	2.95E-01	8.93E-03	1.20E-01	1.06E-01
1432	476018.71, 3849055.61	3.9476	51.1368	44.6438	0.011137	0.1442676	0.1259496	2.82E-02	3.65E-01	3.19E-01	1.01E-02	1.31E-01	1.14E-01
1433	476018.71, 3849080.61	4.56829	56.8355	49.8871	0.0128881	0.1603447	0.140742	3.26E-02	4.06E-01	3.56E-01	1.17E-02	1.45E-01	1.28E-01
1434	476018.71, 3849105.61	5.40298	65.3563	56.6417	0.0152429	0.1843838	0.1597979	3.86E-02	4.67E-01	4.05E-01	1.38E-02	1.67E-01	1.45E-01
1435	476018.71, 3849130.61	6.59259	76.4475	65.4108	0.0185991	0.2156742	0.1845375	4.71E-02	5.46E-01	4.67E-01	1.69E-02	1.96E-01	1.67E-01

1436	476018.71, 3849155.61	8.60506	92.2461	80.822	0.0242767	0.2602455	0.2280155	6.15E-02	6.59E-01	5.77E-01	2.20E-02	2.36E-01	2.07E-01
1437	476043.71, 3848980.61	2.77085	38.7575	34.2457	0.0078171	0.1093431	0.0966141	1.98E-02	2.77E-01	2.45E-01	7.09E-03	9.92E-02	8.77E-02
1438	476043.71, 3849005.61	3.05266	42.2793	37.0419	0.0086122	0.1192786	0.1045028	2.18E-02	3.02E-01	2.65E-01	7.81E-03	1.08E-01	9.48E-02
1439	476043.71, 3849030.61	3.41506	46.4584	40.7078	0.0096346	0.1310689	0.1148453	2.44E-02	3.32E-01	2.91E-01	8.74E-03	1.19E-01	1.04E-01
1440	476043.71, 3849055.61	3.87275	51.2276	44.537	0.0109258	0.1445237	0.125648	2.77E-02	3.66E-01	3.18E-01	9.91E-03	1.31E-01	1.14E-01
1441	476043.71, 3849080.61	4.46264	56.382	49.7495	0.01259	0.1590653	0.1403536	3.19E-02	4.03E-01	3.55E-01	1.14E-02	1.44E-01	1.27E-01
1442	476043.71, 3849105.61	5.30804	64.9477	56.5068	0.0149751	0.1832311	0.1594175	3.79E-02	4.64E-01	4.04E-01	1.36E-02	1.66E-01	1.45E-01
1443	476043.71, 3849130.61	6.60563	77.9428	68.0456	0.0186359	0.2198927	0.1919707	4.72E-02	5.57E-01	4.86E-01	1.69E-02	2.00E-01	1.74E-01
1444	476043.71, 3849155.61	8.66599	97.3954	84.9455	0.0244486	0.2747726	0.2396488	6.19E-02	6.96E-01	6.07E-01	2.22E-02	2.49E-01	2.17E-01
1445	476068.71, 3848980.61	2.71328	38.6142	33.8124	0.0076547	0.1089386	0.0953919	1.94E-02	2.76E-01	2.42E-01	6.95E-03	9.88E-02	8.66E-02
1446	476068.71, 3849005.61	2.99118	42.172	36.683	0.0084387	0.118976	0.1034904	2.14E-02	3.01E-01	2.62E-01	7.66E-03	1.08E-01	9.39E-02
1447	476068.71, 3849030.61	3.34689	46.3283	40.1084	0.0094423	0.1307019	0.1131541	2.39E-02	3.31E-01	2.87E-01	8.57E-03	1.19E-01	1.03E-01
1448	476068.71, 3849055.61	3.79535	51.2456	44.2368	0.0107075	0.1445744	0.1248013	2.71E-02	3.66E-01	3.16E-01	9.72E-03	1.31E-01	1.13E-01
1449	476068.71, 3849080.61	4.38038	56.91	49.9453	0.012358	0.160555	0.1409062	3.13E-02	4.07E-01	3.57E-01	1.12E-02	1.46E-01	1.28E-01
1450	476068.71, 3849105.61	5.19558	65.1955	56.5746	0.0146578	0.18393	0.1596086	3.71E-02	4.66E-01	4.04E-01	1.33E-02	1.67E-01	1.45E-01
1451	476068.71, 3849130.61	6.41579	77.6321	67.6383	0.0181003	0.2190163	0.1908217	4.58E-02	5.55E-01	4.83E-01	1.64E-02	1.99E-01	1.73E-01
1452	476068.71, 3849155.61	8.31261	95.5212	82.7852	0.0234516	0.2694852	0.2335544	5.94E-02	6.82E-01	5.91E-01	2.13E-02	2.45E-01	2.12E-01
1453	476068.71, 3849180.61	11.7249	115.815	106.169	0.0330783	0.3267393	0.2995239	8.38E-02	8.27E-01	7.58E-01	3.00E-02	2.96E-01	2.72E-01
1454	476093.71, 3848980.61	2.6572	38.4384	33.4282	0.0074965	0.1084428	0.094308	1.90E-02	2.75E-01	2.39E-01	6.80E-03	9.84E-02	8.56E-02
1455	476093.71, 3849005.61	2.92238	41.7785	36.022	0.0082446	0.117866	0.1016254	2.09E-02	2.98E-01	2.57E-01	7.48E-03	1.07E-01	9.22E-02
1456	476093.71, 3849030.61	3.25953	45.7246	39.5782	0.0091958	0.1289987	0.1116583	2.33E-02	3.27E-01	2.83E-01	8.34E-03	1.17E-01	1.01E-01
1457	476093.71, 3849055.61	3.69921	50.7285	43.9479	0.0104362	0.1431156	0.1239861	2.64E-02	3.62E-01	3.14E-01	9.47E-03	1.30E-01	1.12E-01
1458	476093.71, 3849080.61	4.29108	57.6846	49.8442	0.012106	0.1627403	0.1406207	3.07E-02	4.12E-01	3.56E-01	1.10E-02	1.48E-01	1.28E-01
1459	476093.71, 3849105.61	5.08425	65.9613	57.6372	0.0143437	0.1860906	0.1626066	3.63E-02	4.71E-01	4.12E-01	1.30E-02	1.69E-01	1.48E-01
1460	476093.71, 3849130.61	6.23773	77.844	67.306	0.0175979	0.2196142	0.1898843	4.46E-02	5.56E-01	4.81E-01	1.60E-02	1.99E-01	1.72E-01
1461	476093.71, 3849155.61	8.04344	95.7002	82.6321	0.0226922	0.2699901	0.2331222	5.75E-02	6.84E-01	5.90E-01	2.06E-02	2.45E-01	2.12E-01
1462	476093.71, 3849180.61	11.1475	114.585	104.226	0.0314495	0.3232668	0.2940428	7.96E-02	8.19E-01	7.45E-01	2.85E-02	2.93E-01	2.67E-01
1463	476118.71, 3848980.61	2.58831	37.8102	32.4566	0.0073022	0.1066704	0.0915669	1.85E-02	2.70E-01	2.32E-01	6.63E-03	9.68E-02	8.31E-02
1464	476118.71, 3849005.61	2.84407	40.9379	35.5717	0.0080237	0.1154943	0.1003551	2.03E-02	2.92E-01	2.54E-01	7.28E-03	1.05E-01	9.11E-02
1465	476118.71, 3849030.61	3.16712	44.9051	38.8454	0.0089351	0.1266866	0.1095909	2.26E-02	3.21E-01	2.78E-01	8.11E-03	1.15E-01	9.94E-02
1466	476118.71, 3849055.61	3.59041	50.0951	43.5755	0.0101293	0.1413288	0.1229354	2.56E-02	3.58E-01	3.11E-01	9.19E-03	1.28E-01	1.12E-01
1467	476118.71, 3849080.61	4.154	56.6785	49.3512	0.0117193	0.1599019	0.1392301	2.97E-02	4.05E-01	3.53E-01	1.06E-02	1.45E-01	1.26E-01
1468	476118.71, 3849105.61	4.93064	65.5485	57.2994	0.0139104	0.184926	0.1616536	3.52E-02	4.68E-01	4.09E-01	1.26E-02	1.68E-01	1.47E-01
1469	476118.71, 3849130.61	6.02006	77.2587	67.0759	0.0169838	0.2179628	0.189235	4.30E-02	5.52E-01	4.79E-01	1.54E-02	1.98E-01	1.72E-01
1470	476118.71, 3849155.61	7.73049	94.5047	81.5037	0.0218093	0.2666175	0.229939	5.52E-02	6.75E-01	5.82E-01	1.98E-02	2.42E-01	2.09E-01
1471	476118.71, 3849180.61	10.6216	113.374	102.823	0.0299656	0.319851	0.2900864	7.59E-02	8.10E-01	7.35E-01	2.72E-02	2.90E-01	2.63E-01
1472	476143.71, 3849005.61	2.75307	39.7704	34.5161	0.007767	0.1122006	0.0973771	1.97E-02	2.84E-01	2.47E-01	7.05E-03	1.02E-01	8.84E-02
1473	476143.71, 3849030.61	3.07175	44.0943	38.2887	0.008666	0.1243993	0.1080204	2.19E-02	3.15E-01	2.74E-01	7.86E-03	1.13E-01	9.80E-02
1474	476143.71, 3849055.61	3.48012	49.1134	42.666	0.0098181	0.138559	0.1203697	2.49E-02	3.51E-01	3.05E-01	8.91E-03	1.26E-01	1.09E-01
1475	476143.71, 3849080.61	4.01622	55.5757	48.3691	0.0113306	0.1567905	0.1364593	2.87E-02	3.97E-01	3.46E-01	1.03E-02	1.42E-01	1.24E-01
1476	476143.71, 3849105.61	4.74256	63.9192	55.7905	0.0133797	0.1803294	0.1573965	3.39E-02	4.57E-01	3.99E-01	1.21E-02	1.64E-01	1.43E-01
1477	476143.71, 3849130.61	5.79675	75.8593	66.3472	0.0163538	0.214015	0.1871792	4.14E-02	5.42E-01	4.74E-01	1.48E-02	1.94E-01	1.70E-01
1478	476143.71, 3849155.61	7.40286	92.4266	79.8281	0.020885	0.2607547	0.2252118	5.29E-02	6.60E-01	5.70E-01	1.89E-02	2.37E-01	2.04E-01
1479	476143.71, 3849180.61	10.1249	112.183	101.208	0.0285644	0.3164914	0.2855275	7.23E-02	8.01E-01	7.23E-01	2.59E-02	2.87E-01	2.59E-01
1480	476168.71, 3849005.61	2.67264	39.1279	34.0626	0.0075401	0.1103878	0.0960976	1.91E-02	2.80E-01	2.43E-01	6.84E-03	1.00E-01	8.72E-02
1481	476168.71, 3849030.61	2.98363	43.1482	37.7819	0.0084174	0.1217302	0.1065905	2.13E-02	3.08E-01	2.70E-01	7.64E-03	1.10E-01	9.67E-02
1482	476168.71, 3849055.61	3.37136	48.1657	41.9463	0.0095113	0.1358856	0.1183394	2.41E-02	3.44E-01	3.00E-01	8.63E-03	1.23E-01	1.07E-01
1483	476168.71, 3849080.61	3.87813	54.304	47.563	0.010941	0.1532029	0.134185	2.77E-02	3.88E-01	3.40E-01	9.93E-03	1.39E-01	1.22E-01
1484	476168.71, 3849105.61	4.57135	62.3667	54.6277	0.0128967	0.1759495	0.1541161	3.27E-02	4.46E-01	3.90E-01	1.17E-02	1.60E-01	1.40E-01
1485	476168.71, 3849130.61	5.56688	73.8711	64.801	0.0157053	0.2084059	0.182817	3.98E-02	5.28E-01	4.63E-01	1.43E-02	1.89E-01	1.66E-01
1486	476168.71, 3849155.61	7.0241	90.1201	78.012	0.0198164	0.2542474	0.220088	5.02E-02	6.44E-01	5.57E-01	1.80E-02	2.31E-01	2.00E-01
1487	476168.71, 3849180.61	9.57335	110.498	99.0631	0.0270084	0.3117386	0.2794777	6.84E-02	7.89E-01	7.08E-01	2.45E-02	2.83E-01	2.54E-01
1488	476193.71, 3849005.61	2.60575	38.8242	33.5228	0.0073514	0.1095311	0.0945748	1.86E-02	2.77E-01	2.39E-01	6.67E-03	9.94E-02	8.58E-02
1489	476193.71, 3849030.61	2.9026	42.4027	37.0974	0.0081888	0.1196269	0.1046594	2.07E-02	3.03E-01	2.65E-01	7.43E-03	1.09E-01	9.50E-02
1490	476193.71, 3849055.61	3.2713	47.2352	41.2444	0.009229	0.1332602	0.1163591	2.34E-02	3.37E-01	2.95E-01	8.37E-03	1.21E-01	1.06E-01
1491	476193.71, 3849080.61	3.74793	52.9792	46.6945	0.0105737	0.1494653	0.1317349	2.68E-02	3.78E-01	3.34E-01	9.59E-03	1.36E-01	1.20E-01
1492	476193.71, 3849105.61	4.39621	60.4972	53.5888	0.0124026	0.170675	0.1511852	3.14E-02	4.32E-01	3.83E-01	1.13E-02	1.55E-01	1.37E-01
1493	476193.71, 3849130.61	5.31393	71.2382	62.7498	0.0149917	0.2009777	0.1770301	3.80E-02	5.09E-01	4.48E-01	1.36E-02	1.82E-01	1.61E-01
1494	476193.71, 3849155.61	6.72308	88.1138	76.3904	0.0189672	0.2485875	0.2155131	4.80E-02	6.29E-01	5.46E-01	1.72E-02	2.26E-01	1.96E-01
1495	476193.71, 3849180.61	9.03027	108.623	96.4067	0.0254763	0.3064488	0.2719835	6.45E-02	7.76E-01	6.89E-01	2.31E-02	2.78E-01	2.47E-01
1496	476218.71, 3849005.61	2.54193	39.3688	32.8496	0.0071713	0.1110675	0.0926756	1.82E-02	2.81E-01	2.35E-01	6.51E-03	1.01E-01	8.41E-02
1497	476218.71, 3849030.61	2.82694	41.789	36.4113	0.0079754	0.1178956	0.1027238	2.02E-02	2.99E-01	2.60E-01	7.24E-03	1.07E-01	9.32E-02
1498	476218.71, 3849055.61	3.17315	46.1078	40.4081	0.0089521	0.1300798	0.1139996	2.27E-02	3.29E-01	2.89E-01	8.12E-03	1.18E-01	1.03E-01
1499	476218.71, 3849080.61	3.62008	51.5896	45.7255	0.010213	0.145545	0.1290012	2.59E-02	3.69E-01	3.27E-01	9.27E-03	1.32E-01	1.17E-01
1500	476218.71, 3849105.61	4.22936	58.8898	52.3535	0.0119319	0.1661404	0.1477	3.02E-02	4.21E-01	3.74E-01	1.08E-02	1.51E-01	1.34E-01
1501	476218.71, 3849130.61	5.1081	69.8344	61.4184	0.014411	0.1970173	0.1732741	3.65E-02	4.99E-01	4.39E-01	1.31E-02	1.79E-01	1.57E-01
1502	476218.71, 3849155.61	6.46273	86.5141	75.1737	0.0182327	0.2440742	0.2120805	4.62E-02	6.18E-01	5.37E-01	1.65E-02	2.21E-01	1.92E-01
1503	476218.71, 3849180.61	8.58598	106.512	93.0881	0.0242228	0.3004915	0.2626209	6.13E-02	7.61E-01	6.65E-01	2.20E-02	2.73E-01	2.38E-01
1504	476243.71, 3849005.61	2.48754	39.5122	32.2409	0.0070179	0.1114721	0.0909582	1.78E-02	2.82E-01	2.30E-01	6.37E-03	1.01E-01	8.25E-02
1505	476243.71, 3849030.61	2.76023	41.4552	35.9162	0.0077872	0.1169537	0.101327	1.97E-02	2.96E-01	2.57E-01	7.07E-03	1.06E-01	9.19E-02
1506	476243.71, 3849055.61	3.08681	45.1916	39.7365	0.0087085	0.1274949	0.1121049	2.21E-02	3.23E-01	2.84E-01	7.90E-03	1.16E-01	1.02E-01
1507	476243.71, 3849080.61	3.516	50.6132	45.018	0.0099194	0.1427904	0.1270052	2.51E-02	3.62E-01	3.22E-01	9.00E-03	1.30E-01	1.15E-01
1508	476243.71, 3849105.61	4.09522	57.8894	51.3927	0.0115535	0.163318	0.1449896	2.93E-02	4.14E-01	3.67E-01	1.05E-02	1.48E-01	1.32E-01
1509	476243.71, 3849130.61	4.93768	69.1662	60.319	0.0139302	0.1951323	0.1701725	3.53E-02	4.94E-01	4.31E-01	1.26E-02	1.77E-01	1.54E-01
1510	476243.71, 3849155.61	6.1902	84.8315	73.5213	0.0174638	0.2393274	0.2074188	4.42E-02	6.06E-01	5.25E-01	1.58E-02	2.17E-01	1.88E-01
1511	476243.71, 3849180.61	8.12231	104.554	89.7865	0.0229147	0.2949694	0.2533063	5.80E-02	7.47E-01	6.41E-01	2.08E-02	2.68E-01	2.30E-01
1512	476268.71, 3849030.61	2.68099	41.7065	35.1779	0.0075636	0.1176626	0.0992443	1.92E-02	2.98E-01	2.51E-01	6.86E-03	1.07E-01	9.00E-02
1513	476268.71, 3849055.61	2.99016	44.7786	38.9465	0.0084359	0.1263296	0.1098761	2.14E-02	3.20E-01	2.78E-01	7.65E-03	1.15E-01	9.97E-02
1514	476268.71, 3849080.61	3.40391	49.4816	44.1426	0.0096031	0.1395979	0.1245356	2.43E-02	3.53E-01	3.15E-01	8.71E-03	1.27E-01	1.13E-01
1515	476268.71, 3849105.61	3.95491	57.0539	50.3535	0.0111576	0.1609608	0.1420576	2.83E-02	4.08E-01	3.60E-01	1.01E-02	1.46E-01	1.29E-01

1516	476268.71, 3849130.61	4.73757	68.1456	59.3392	0.0133657	0.1922529	0.1674083	3.38E-02	4.87E-01	4.24E-01	1.21E-02	1.74E-01	1.52E-01
1517	476268.71, 3849155.61	5.88878	83.0452	71.3737	0.0166135	0.2342876	0.2013599	4.21E-02	5.93E-01	5.10E-01	1.51E-02	2.13E-01	1.83E-01
1518	476268.71, 3849180.61	7.67677	102.095	87.3512	0.0216578	0.288032	0.2464359	5.48E-02	7.29E-01	6.24E-01	1.97E-02	2.61E-01	2.24E-01
1519	476268.71, 3849205.61	10.7983	120.375	111.154	0.0304642	0.3396018	0.313589	7.71E-02	8.60E-01	7.94E-01	2.76E-02	3.08E-01	2.85E-01
1520	476293.71, 3849030.61	2.60497	42.0807	34.4979	0.0073492	0.1187185	0.0973258	1.86E-02	3.01E-01	2.46E-01	6.67E-03	1.08E-01	8.83E-02
1521	476293.71, 3849055.61	2.90905	44.6449	38.3865	0.008207	0.1259525	0.1082962	2.08E-02	3.19E-01	2.74E-01	7.45E-03	1.14E-01	9.83E-02
1522	476293.71, 3849080.61	3.29541	48.4931	43.141	0.009297	0.1368092	0.1217099	2.35E-02	3.46E-01	3.08E-01	8.44E-03	1.24E-01	1.10E-01
1523	476293.71, 3849105.61	3.82522	56.3421	49.4043	0.0107917	0.1589527	0.1393798	2.73E-02	4.02E-01	3.53E-01	9.79E-03	1.44E-01	1.26E-01
1524	476293.71, 3849130.61	4.57107	67.2556	58.7401	0.0128959	0.1897419	0.165718	3.27E-02	4.80E-01	4.20E-01	1.17E-02	1.72E-01	1.50E-01
1525	476293.71, 3849155.61	5.66251	81.515	70.2814	0.0159751	0.2299706	0.1982786	4.05E-02	5.82E-01	5.02E-01	1.45E-02	2.09E-01	1.80E-01
1526	476293.71, 3849180.61	7.25376	99.4845	85.2386	0.0204644	0.2806664	0.2404759	5.18E-02	7.11E-01	6.09E-01	1.86E-02	2.55E-01	2.18E-01
1527	476293.71, 3849205.61	9.98936	117.851	108.238	0.0281821	0.3324815	0.3053607	7.14E-02	8.42E-01	7.73E-01	2.56E-02	3.02E-01	2.77E-01
1528	476318.71, 3849030.61	2.54305	41.6241	34.2702	0.0071745	0.1174302	0.0966835	1.82E-02	2.97E-01	2.45E-01	6.51E-03	1.07E-01	8.77E-02
1529	476318.71, 3849055.61	2.84342	44.4516	38.0283	0.0080219	0.1254072	0.1072857	2.03E-02	3.18E-01	2.72E-01	7.28E-03	1.14E-01	9.73E-02
1530	476318.71, 3849080.61	3.22095	48.5638	42.7815	0.009087	0.1370087	0.1206955	2.30E-02	3.47E-01	3.06E-01	8.24E-03	1.24E-01	1.10E-01
1531	476318.71, 3849105.61	3.71994	56.0028	49.0901	0.0104947	0.1579957	0.1384933	2.66E-02	4.00E-01	3.51E-01	9.52E-03	1.43E-01	1.26E-01
1532	476318.71, 3849130.61	4.41683	66.1943	57.5882	0.0124608	0.1867478	0.1624682	3.16E-02	4.73E-01	4.11E-01	1.13E-02	1.69E-01	1.47E-01
1533	476318.71, 3849155.61	5.4131	80.0307	68.8557	0.0152715	0.2257832	0.1942561	3.87E-02	5.72E-01	4.92E-01	1.39E-02	2.05E-01	1.76E-01
1534	476318.71, 3849180.61	6.82392	97.0523	83.0798	0.0192517	0.2738047	0.2343855	4.87E-02	6.93E-01	5.94E-01	1.75E-02	2.48E-01	2.13E-01
1535	476318.71, 3849205.61	9.1806	115.43	105.278	0.0259004	0.3256533	0.2970098	6.56E-02	8.25E-01	7.52E-01	2.35E-02	2.95E-01	2.69E-01
1536	476343.71, 3849030.61	2.51039	41.5939	34.434	0.0070823	0.1173451	0.0971456	1.79E-02	2.97E-01	2.46E-01	6.43E-03	1.06E-01	8.81E-02
1537	476343.71, 3849055.61	2.80041	43.6356	37.8473	0.0079005	0.1231051	0.1067751	2.00E-02	3.12E-01	2.70E-01	7.17E-03	1.12E-01	9.69E-02
1538	476343.71, 3849080.61	3.15791	48.7467	42.4658	0.0089091	0.1375244	0.119805	2.26E-02	3.48E-01	3.03E-01	8.08E-03	1.25E-01	1.09E-01
1539	476343.71, 3849105.61	3.6119	55.4826	48.4599	0.0101899	0.156528	0.1367153	2.58E-02	3.96E-01	3.46E-01	9.25E-03	1.42E-01	1.24E-01
1540	476343.71, 3849130.61	4.23628	64.809	56.4092	0.0119514	0.1828396	0.159142	3.03E-02	4.63E-01	4.03E-01	1.08E-02	1.66E-01	1.44E-01
1541	476343.71, 3849155.61	5.1481	77.7256	66.9325	0.0145239	0.2192802	0.1888304	3.68E-02	5.55E-01	4.78E-01	1.32E-02	1.99E-01	1.71E-01
1542	476343.71, 3849180.61	6.43864	94.1781	80.8654	0.0181647	0.2656961	0.2281382	4.60E-02	6.73E-01	5.78E-01	1.65E-02	2.41E-01	2.07E-01
1543	476343.71, 3849205.61	8.47426	112.611	101.703	0.0239077	0.3177003	0.2869259	6.05E-02	8.04E-01	7.27E-01	2.17E-02	2.88E-01	2.60E-01
1544	476343.71, 3849230.61	12.0966	130.248	122.317	0.034127	0.367458	0.3450803	8.64E-02	9.30E-01	8.74E-01	3.10E-02	3.33E-01	3.13E-01
1545	476368.71, 3849030.61	2.46642	41.3226	34.3169	0.0069583	0.1165796	0.0968151	1.76E-02	2.95E-01	2.45E-01	6.31E-03	1.06E-01	8.78E-02
1546	476368.71, 3849055.61	2.73372	43.6364	37.3852	0.0077124	0.1231074	0.1054713	1.95E-02	3.12E-01	2.67E-01	7.00E-03	1.12E-01	9.57E-02
1547	476368.71, 3849080.61	3.04999	47.9	41.1698	0.0086047	0.1351359	0.1161485	2.18E-02	3.42E-01	2.94E-01	7.81E-03	1.23E-01	1.05E-01
1548	476368.71, 3849105.61	3.4366	53.1418	46.3391	0.0096954	0.1499242	0.1307322	2.46E-02	3.80E-01	3.31E-01	8.80E-03	1.36E-01	1.19E-01
1549	476368.71, 3849130.61	3.97367	61.7728	53.643	0.0112105	0.1742739	0.151338	2.84E-02	4.41E-01	3.83E-01	1.02E-02	1.58E-01	1.37E-01
1550	476368.71, 3849155.61	4.86012	74.5861	64.0627	0.0137114	0.2104229	0.1807343	3.47E-02	5.33E-01	4.58E-01	1.24E-02	1.91E-01	1.64E-01
1551	476368.71, 3849180.61	6.07516	91.7211	78.596	0.0171393	0.2587644	0.2217356	4.34E-02	6.55E-01	5.61E-01	1.56E-02	2.35E-01	2.01E-01
1552	476368.71, 3849205.61	7.82844	109.892	97.8861	0.0220857	0.3100272	0.2761571	5.59E-02	7.85E-01	6.99E-01	2.00E-02	2.81E-01	2.51E-01
1553	476368.71, 3849230.61	10.7633	126.979	118.083	0.0303655	0.3582344	0.333138	7.69E-02	9.07E-01	8.44E-01	2.76E-02	3.25E-01	3.02E-01
1554	473295.03, 3846699.23	0.04356	6.4669	4.41411	0.0001229	0.0182445	0.0124531	3.11E-04	4.62E-02	3.15E-02	1.12E-04	1.66E-02	1.13E-02
1555	473295.03, 3846749.23	0.04864	7.04592	5.00741	0.0001372	0.019878	0.0141269	3.47E-04	5.03E-02	3.58E-02	1.25E-04	1.80E-02	1.28E-02
1556	473295.03, 3846799.23	0.05307	7.74508	5.48791	0.0001497	0.0218505	0.0154825	3.79E-04	5.53E-02	3.92E-02	1.36E-04	1.98E-02	1.40E-02
1557	473295.03, 3846849.23	0.05949	8.96602	6.05206	0.0001678	0.025295	0.0170741	4.25E-04	6.41E-02	4.32E-02	1.52E-04	2.30E-02	1.55E-02
1558	473295.03, 3846899.23	0.06594	10.1919	6.83967	0.000186	0.0287535	0.0192961	4.71E-04	7.28E-02	4.89E-02	1.69E-04	2.61E-02	1.75E-02
1559	473295.03, 3846949.23	0.07341	11.2929	7.72242	0.0002071	0.0318595	0.0217866	5.24E-04	8.07E-02	5.52E-02	1.88E-04	2.89E-02	1.98E-02
1560	473295.03, 3846999.23	0.08136	12.7095	9.11129	0.0002295	0.035856	0.0257048	5.81E-04	9.08E-02	6.51E-02	2.08E-04	3.25E-02	2.33E-02
1561	473295.03, 3847049.23	0.08799	13.2258	9.95477	0.0002482	0.0373128	0.0280845	6.29E-04	9.45E-02	7.11E-02	2.25E-04	3.39E-02	2.55E-02
1562	473295.03, 3847099.23	0.0953	14.3168	10.73	0.0002689	0.0403907	0.0302715	6.81E-04	1.02E-01	7.67E-02	2.44E-04	3.66E-02	2.75E-02
1563	473295.03, 3847149.23	0.10402	16.0878	10.9403	0.0002935	0.045387	0.0308649	7.43E-04	1.15E-01	7.82E-02	2.66E-04	4.12E-02	2.80E-02
1564	473295.03, 3847199.23	0.11777	17.6596	12.1437	0.0003323	0.0498215	0.0342599	8.41E-04	1.26E-01	8.68E-02	3.01E-04	4.52E-02	3.11E-02
1565	473345.03, 3846699.23	0.0437	6.27509	4.36912	0.0001233	0.0177033	0.0123262	3.12E-04	4.48E-02	3.12E-02	1.12E-04	1.61E-02	1.12E-02
1566	473345.03, 3846749.23	0.04771	6.68581	4.69411	0.0001346	0.0188621	0.0132431	3.41E-04	4.78E-02	3.35E-02	1.22E-04	1.71E-02	1.20E-02
1567	473345.03, 3846799.23	0.05222	7.18025	5.15121	0.0001473	0.020257	0.0145326	3.73E-04	5.13E-02	3.68E-02	1.34E-04	1.84E-02	1.32E-02
1568	473345.03, 3846849.23	0.0585	8.08956	5.80557	0.000165	0.0228223	0.0163787	4.18E-04	5.78E-02	4.15E-02	1.50E-04	2.07E-02	1.49E-02
1569	473345.03, 3846899.23	0.0641	9.14786	6.1714	0.0001808	0.025808	0.0174108	4.58E-04	6.54E-02	4.41E-02	1.64E-04	2.34E-02	1.58E-02
1570	473345.03, 3846949.23	0.07157	10.5235	7.13796	0.0002019	0.0296891	0.0201377	5.11E-04	7.52E-02	5.10E-02	1.83E-04	2.69E-02	1.83E-02
1571	473345.03, 3846999.23	0.08086	11.8818	8.14433	0.0002281	0.033521	0.0229768	5.78E-04	8.49E-02	5.82E-02	2.07E-04	3.04E-02	2.08E-02
1572	473345.03, 3847049.23	0.08915	13.1496	9.35921	0.0002515	0.0370978	0.0264043	6.37E-04	9.39E-02	6.69E-02	2.28E-04	3.37E-02	2.40E-02
1573	473345.03, 3847099.23	0.09736	13.7487	10.3574	0.0002747	0.0387878	0.0292204	6.96E-04	9.82E-02	7.40E-02	2.49E-04	3.52E-02	2.65E-02
1574	473345.03, 3847149.23	0.10983	15.6615	11.6134	0.0003099	0.0441845	0.0327637	7.85E-04	1.12E-01	8.30E-02	2.81E-04	4.01E-02	2.97E-02
1575	473345.03, 3847199.23	0.1197	17.1661	11.7488	0.0003377	0.0484291	0.0331458	8.55E-04	1.23E-01	8.39E-02	3.06E-04	4.39E-02	3.01E-02
1576	473395.03, 3846699.23	0.04292	5.99442	4.12327	0.0001211	0.0169115	0.0116326	3.07E-04	4.28E-02	2.95E-02	1.10E-04	1.53E-02	1.06E-02
1577	473395.03, 3846749.23	0.04723	6.43247	4.60998	0.0001332	0.0181473	0.0130057	3.37E-04	4.60E-02	3.29E-02	1.21E-04	1.65E-02	1.18E-02
1578	473395.03, 3846799.23	0.05263	6.9645	5.11798	0.0001485	0.0196483	0.0144389	3.76E-04	4.98E-02	3.66E-02	1.35E-04	1.78E-02	1.31E-02
1579	473395.03, 3846849.23	0.05775	7.53046	5.49121	0.0001629	0.021245	0.0154918	4.13E-04	5.38E-02	3.92E-02	1.48E-04	1.93E-02	1.41E-02
1580	473395.03, 3846899.23	0.06409	8.42344	6.06763	0.0001808	0.0237643	0.017118	4.58E-04	6.02E-02	4.33E-02	1.64E-04	2.16E-02	1.55E-02
1581	473395.03, 3846949.23	0.07126	9.71708	6.63794	0.000201	0.0274139	0.018727	5.09E-04	6.94E-02	4.74E-02	1.82E-04	2.49E-02	1.70E-02
1582	473395.03, 3846999.23	0.07965	11.1659	7.72284	0.0002247	0.0315014	0.0217877	5.69E-04	7.98E-02	5.52E-02	2.04E-04	2.86E-02	1.98E-02
1583	473395.03, 3847049.23	0.08913	12.3388	8.40461	0.0002515	0.0348102	0.0237112	6.37E-04	8.81E-02	6.00E-02	2.28E-04	3.16E-02	2.15E-02
1584	473395.03, 3847099.23	0.09888	13.6391	9.67607	0.000279	0.0384787	0.0272982	7.06E-04	9.74E-02	6.91E-02	2.53E-04	3.49E-02	2.48E-02
1585	473395.03, 3847149.23	0.1074	13.8946	10.4739	0.000303	0.0391994	0.0295489	7.67E-04	9.93E-02	7.48E-02	2.75E-04	3.56E-02	2.68E-02
1586	473395.03, 3847199.23	0.12713	17.122	12.6335	0.0003587	0.0483047	0.0356417	9.08E-04	1.22E-01	9.03E-02	3.25E-04	4.38E-02	3.23E-02
1587	473395.03, 3847249.23	0.15316	21.2551	15.2804	0.0004321	0.0599651	0.0431093	1.09E-03	1.52E-01	1.09E-01	3.92E-04	5.44E-02	3.91E-02
1588	473445.03, 3846699.23	0.04414	5.92149	4.07677	0.0001245	0.0167058	0.0115014	3.15E-04	4.23E-02	2.91E-02	1.13E-04	1.52E-02	1.04E-02
1589	473445.03, 3846749.23	0.04865	6.32927	4.52802	0.0001373	0.0178562	0.0127745	3.48E-04	4.52E-02	3.23E-02	1.25E-04	1.62E-02	1.16E-02
1590	473445.03, 3846799.23	0.05335	6.82413	4.98187	0.0001505	0.0192523	0.0140549	3.81E-04	4.87E-02	3.56E-02	1.37E-04	1.75E-02	1.28E-02
1591	473445.03, 3846849.23	0.05869	7.31806	5.5644	0.0001656	0.0206458	0.0156983	4.19E-04	5.23E-02	3.98E-02	1.50E-04	1.87E-02	1.42E-02
1592	473445.03, 3846899.23	0.06342	7.78231	5.82498	0.0001789	0.0219555	0.0164335	4.53E-04	5.56E-02	4.16E-02	1.62E-04	1.99E-02	1.49E-02
1593	473445.03, 3846949.23	0.07006	8.68072	6.35261	0.0001977	0.0244901	0.017922	5.00E-04	6.20E-02	4.54E-02	1.79E-04	2.22E-02	1.63E-02
1594	473445.03, 3846999.23	0.07841	10.037	7.06713	0.0002212	0.0283166	0.0199378	5.60E-04	7.17E-02	5.05E-02	2.01E-04	2.57E-02	1.81E-02
1595	473445.03, 3847049.23	0.08833	11.6391	8.18593	0.0002492	0.0328362	0.0230942	6.31E-04	8.31E-02	5.85E-02	2.26E-04	2.98E-02	2.10E-02

1596	473445.03, 3847099.23	0.09863	12.7631	8.71558	0.0002783	0.0360074	0.0245885	7.05E-04	9.12E-02	6.23E-02	2.52E-04	3.27E-02	2.23E-02
1597	473445.03, 3847149.23	0.11125	14.25	9.9869	0.0003139	0.0402022	0.0281751	7.95E-04	1.02E-01	7.13E-02	2.85E-04	3.65E-02	2.56E-02
1598	473445.03, 3847199.23	0.12783	15.9072	11.5624	0.0003606	0.0448776	0.0326199	9.13E-04	1.14E-01	8.26E-02	3.27E-04	4.07E-02	2.96E-02
1599	473445.03, 3847249.23	0.16034	21.0423	14.8786	0.0004524	0.0593648	0.0419756	1.15E-03	1.50E-01	1.06E-01	4.10E-04	5.39E-02	3.81E-02
1600	473495.03, 3846699.23	0.04613	6.01775	4.22033	0.0001301	0.0169773	0.0119064	3.30E-04	4.30E-02	3.01E-02	1.18E-04	1.54E-02	1.08E-02
1601	473495.03, 3846749.23	0.04982	6.26913	4.534	0.0001406	0.0176865	0.0127914	3.56E-04	4.48E-02	3.24E-02	1.28E-04	1.60E-02	1.16E-02
1602	473495.03, 3846799.23	0.05404	6.65438	4.8302	0.0001525	0.0187734	0.013627	3.86E-04	4.75E-02	3.45E-02	1.38E-04	1.70E-02	1.24E-02
1603	473495.03, 3846849.23	0.05935	7.1944	5.38286	0.0001674	0.0202969	0.0151862	4.24E-04	5.14E-02	3.85E-02	1.52E-04	1.84E-02	1.38E-02
1604	473495.03, 3846899.23	0.06501	7.66285	5.97123	0.0001834	0.0216185	0.0168461	4.64E-04	5.47E-02	4.27E-02	1.66E-04	1.96E-02	1.53E-02
1605	473495.03, 3846949.23	0.07084	8.22046	6.25077	0.0001999	0.0231916	0.0176347	5.06E-04	5.87E-02	4.47E-02	1.81E-04	2.10E-02	1.60E-02
1606	473495.03, 3846999.23	0.0785	9.26824	6.84665	0.0002215	0.0261476	0.0193158	5.61E-04	6.62E-02	4.89E-02	2.01E-04	2.37E-02	1.75E-02
1607	473495.03, 3847049.23	0.08615	10.2441	7.28744	0.000243	0.0289007	0.0205594	6.15E-04	7.32E-02	5.21E-02	2.21E-04	2.62E-02	1.87E-02
1608	473495.03, 3847099.23	0.09753	11.8361	8.45157	0.0002752	0.0333921	0.0238436	6.97E-04	8.46E-02	6.04E-02	2.50E-04	3.03E-02	2.16E-02
1609	473495.03, 3847149.23	0.11172	13.3191	9.23743	0.0003152	0.037576	0.0260607	7.98E-04	9.51E-02	6.60E-02	2.86E-04	3.41E-02	2.36E-02
1610	473495.03, 3847199.23	0.12753	14.6104	10.1598	0.0003598	0.0412189	0.028663	9.11E-04	1.04E-01	7.26E-02	3.26E-04	3.74E-02	2.60E-02
1611	473495.03, 3847249.23	0.15393	17.1234	12.3712	0.0004343	0.0483088	0.0349017	1.10E-03	1.22E-01	8.84E-02	3.94E-04	4.38E-02	3.17E-02
1612	473495.03, 3847299.23	0.19522	21.1405	15.1424	0.0005508	0.0596419	0.0427197	1.39E-03	1.51E-01	1.08E-01	5.00E-04	5.41E-02	3.88E-02
1613	473545.03, 3846699.23	0.04788	6.07985	4.35434	0.0001351	0.0171525	0.0122845	3.42E-04	4.34E-02	3.11E-02	1.23E-04	1.56E-02	1.11E-02
1614	473545.03, 3846749.23	0.05091	6.23784	4.49554	0.0001436	0.0175982	0.0126829	3.64E-04	4.46E-02	3.21E-02	1.30E-04	1.60E-02	1.15E-02
1615	473545.03, 3846799.23	0.05537	6.64194	4.92607	0.0001562	0.0187383	0.0138975	3.96E-04	4.74E-02	3.52E-02	1.42E-04	1.70E-02	1.26E-02
1616	473545.03, 3846849.23	0.05946	6.96624	5.10347	0.0001677	0.0196532	0.014398	4.25E-04	4.98E-02	3.65E-02	1.52E-04	1.78E-02	1.31E-02
1617	473545.03, 3846899.23	0.06555	7.502	5.61721	0.0001849	0.0211647	0.0158473	4.68E-04	5.36E-02	4.01E-02	1.68E-04	1.92E-02	1.44E-02
1618	473545.03, 3846949.23	0.07216	8.02616	6.18113	0.0002036	0.0226435	0.0174383	5.15E-04	5.73E-02	4.42E-02	1.85E-04	2.05E-02	1.58E-02
1619	473545.03, 3846999.23	0.07926	8.62756	6.63214	0.0002236	0.0243401	0.0187106	5.66E-04	6.16E-02	4.74E-02	2.03E-04	2.21E-02	1.70E-02
1620	473545.03, 3847049.23	0.08823	9.74555	7.29356	0.0002489	0.0274942	0.0205767	6.30E-04	6.96E-02	5.21E-02	2.26E-04	2.49E-02	1.87E-02
1621	473545.03, 3847099.23	0.09678	10.5626	7.60883	0.000273	0.0297992	0.0214661	6.91E-04	7.55E-02	5.44E-02	2.48E-04	2.70E-02	1.95E-02
1622	473545.03, 3847149.23	0.11242	12.3744	8.99584	0.0003172	0.0349108	0.0253791	8.03E-04	8.84E-02	6.43E-02	2.88E-04	3.17E-02	2.30E-02
1623	473545.03, 3847199.23	0.1305	13.8201	9.73252	0.0003682	0.0389892	0.0274575	9.32E-04	9.87E-02	6.95E-02	3.34E-04	3.54E-02	2.49E-02
1624	473545.03, 3847249.23	0.15021	14.4961	10.2538	0.0004238	0.0408964	0.0289281	1.07E-03	1.04E-01	7.33E-02	3.85E-04	3.71E-02	2.62E-02
1625	473545.03, 3847299.23	0.20045	19.215	13.551	0.0005655	0.0542095	0.03823	1.43E-03	1.37E-01	9.68E-02	5.13E-04	4.92E-02	3.47E-02
1626	473595.03, 3846699.23	0.04952	6.08798	4.4379	0.0001397	0.0171755	0.0125202	3.54E-04	4.35E-02	3.17E-02	1.27E-04	1.56E-02	1.14E-02
1627	473595.03, 3846749.23	0.05268	6.27934	4.6613	0.0001486	0.0177153	0.0131505	3.76E-04	4.49E-02	3.33E-02	1.35E-04	1.61E-02	1.19E-02
1628	473595.03, 3846799.23	0.05643	6.52165	4.86965	0.0001592	0.0183989	0.0137383	4.03E-04	4.66E-02	3.48E-02	1.44E-04	1.67E-02	1.25E-02
1629	473595.03, 3846849.23	0.06175	7.04468	5.35375	0.0001742	0.0198745	0.015104	4.41E-04	5.03E-02	3.82E-02	1.58E-04	1.80E-02	1.37E-02
1630	473595.03, 3846899.23	0.06623	7.36469	5.56041	0.0001868	0.0207773	0.0156871	4.73E-04	5.26E-02	3.97E-02	1.70E-04	1.89E-02	1.42E-02
1631	473595.03, 3846949.23	0.07381	7.98994	6.01923	0.0002082	0.0225413	0.0169815	5.27E-04	5.71E-02	4.30E-02	1.89E-04	2.05E-02	1.54E-02
1632	473595.03, 3846999.23	0.07995	8.31143	6.35822	0.0002256	0.0234483	0.0179379	5.71E-04	5.94E-02	4.54E-02	2.05E-04	2.13E-02	1.63E-02
1633	473595.03, 3847049.23	0.08867	8.88842	6.87954	0.0002502	0.0250761	0.0194086	6.33E-04	6.35E-02	4.91E-02	2.27E-04	2.28E-02	1.76E-02
1634	473595.03, 3847099.23	0.09966	9.92473	7.52712	0.0002812	0.0279997	0.0212356	7.12E-04	7.09E-02	5.38E-02	2.55E-04	2.54E-02	1.93E-02
1635	473595.03, 3847149.23	0.11217	10.9802	8.08468	0.0003165	0.0309775	0.0228086	8.01E-04	7.84E-02	5.78E-02	2.87E-04	2.81E-02	2.07E-02
1636	473595.03, 3847199.23	0.13218	12.7181	9.2841	0.0003729	0.0358805	0.0261924	9.44E-04	9.09E-02	6.63E-02	3.38E-04	3.26E-02	2.38E-02
1637	473595.03, 3847249.23	0.15896	14.2394	10.1928	0.0004485	0.0401723	0.028756	1.14E-03	1.02E-01	7.28E-02	4.07E-04	3.64E-02	2.61E-02
1638	473595.03, 3847299.23	0.20337	16.2808	11.2638	0.0005737	0.0459314	0.0317774	1.45E-03	1.16E-01	8.05E-02	5.21E-04	4.17E-02	2.88E-02
1639	473645.03, 3846699.23	0.05108	6.15956	4.57126	0.0001441	0.0173774	0.0128965	3.65E-04	4.40E-02	3.27E-02	1.31E-04	1.58E-02	1.17E-02
1640	473645.03, 3846749.23	0.05452	6.41173	4.8214	0.0001538	0.0180888	0.0136022	3.89E-04	4.58E-02	3.44E-02	1.40E-04	1.64E-02	1.23E-02
1641	473645.03, 3846799.23	0.05857	6.70047	5.09298	0.0001652	0.0189034	0.0143684	4.18E-04	4.79E-02	3.64E-02	1.50E-04	1.72E-02	1.30E-02
1642	473645.03, 3846849.23	0.06395	7.10043	5.46149	0.0001804	0.0200318	0.015408	4.57E-04	5.07E-02	3.90E-02	1.64E-04	1.82E-02	1.40E-02
1643	473645.03, 3846899.23	0.06915	7.4554	5.7475	0.0001951	0.0210332	0.0162149	4.94E-04	5.33E-02	4.11E-02	1.77E-04	1.91E-02	1.47E-02
1644	473645.03, 3846949.23	0.07612	7.9813	6.07285	0.0002148	0.0225169	0.0171328	5.44E-04	5.70E-02	4.34E-02	1.95E-04	2.04E-02	1.55E-02
1645	473645.03, 3846999.23	0.08322	8.41991	6.40664	0.0002348	0.0237543	0.0180745	5.95E-04	6.01E-02	4.58E-02	2.13E-04	2.16E-02	1.64E-02
1646	473645.03, 3847049.23	0.09121	8.77259	6.69956	0.0002573	0.0247493	0.0189009	6.52E-04	6.27E-02	4.79E-02	2.33E-04	2.25E-02	1.71E-02
1647	473645.03, 3847099.23	0.10133	9.17999	7.09336	0.0002859	0.0258987	0.0200118	7.24E-04	6.56E-02	5.07E-02	2.59E-04	2.35E-02	1.82E-02
1648	473645.03, 3847149.23	0.11458	9.9836	7.70608	0.0003233	0.0281658	0.0217405	8.19E-04	7.13E-02	5.51E-02	2.93E-04	2.56E-02	1.97E-02
1649	473645.03, 3847199.23	0.13485	11.4738	8.58771	0.0003804	0.0323701	0.0242277	9.63E-04	8.20E-02	6.13E-02	3.45E-04	2.94E-02	2.20E-02
1650	473645.03, 3847249.23	0.16566	13.2361	9.70612	0.0004674	0.0373419	0.027383	1.18E-03	9.46E-02	6.93E-02	4.24E-04	3.39E-02	2.48E-02
1651	473645.03, 3847299.23	0.21391	15.0187	10.7834	0.0006035	0.0423709	0.0304222	1.53E-03	1.07E-01	7.70E-02	5.48E-04	3.84E-02	2.76E-02
1652	473645.03, 3847349.23	0.32003	21.1849	13.6496	0.0009029	0.059767	0.0385085	2.29E-03	1.51E-01	9.75E-02	8.19E-04	5.42E-02	3.49E-02
1653	473695.03, 3846699.23	0.05288	6.30534	4.79799	0.0001492	0.0177887	0.0135361	3.78E-04	4.50E-02	3.43E-02	1.35E-04	1.61E-02	1.23E-02
1654	473695.03, 3846749.23	0.05651	6.5673	4.94783	0.0001594	0.0185277	0.0139589	4.04E-04	4.69E-02	3.53E-02	1.45E-04	1.68E-02	1.27E-02
1655	473695.03, 3846799.23	0.06089	6.88149	5.2391	0.0001718	0.0194141	0.0147806	4.35E-04	4.92E-02	3.74E-02	1.56E-04	1.76E-02	1.34E-02
1656	473695.03, 3846849.23	0.0662	7.27052	5.57009	0.0001868	0.0205116	0.0157144	4.73E-04	5.19E-02	3.98E-02	1.69E-04	1.86E-02	1.43E-02
1657	473695.03, 3846899.23	0.07165	7.54755	5.85611	0.0002021	0.0212932	0.0165213	5.12E-04	5.39E-02	4.18E-02	1.83E-04	1.93E-02	1.50E-02
1658	473695.03, 3846949.23	0.079	8.07535	6.28663	0.0002229	0.0227822	0.0177359	5.64E-04	5.77E-02	4.49E-02	2.02E-04	2.07E-02	1.61E-02
1659	473695.03, 3846999.23	0.08645	8.4175	6.51372	0.0002439	0.0237475	0.0183766	6.18E-04	6.01E-02	4.65E-02	2.21E-04	2.15E-02	1.67E-02
1660	473695.03, 3847049.23	0.09504	8.83453	6.61975	0.0002681	0.024924	0.0186757	6.79E-04	6.31E-02	4.73E-02	2.43E-04	2.26E-02	1.69E-02
1661	473695.03, 3847099.23	0.10629	9.37644	7.18144	0.0002999	0.0264529	0.0202603	7.59E-04	6.70E-02	5.13E-02	2.72E-04	2.40E-02	1.84E-02
1662	473695.03, 3847149.23	0.12046	9.77932	7.58023	0.0003398	0.0275895	0.0213854	8.61E-04	6.99E-02	5.42E-02	3.08E-04	2.50E-02	1.94E-02
1663	473695.03, 3847199.23	0.14062	10.4768	8.12695	0.0003967	0.0295571	0.0229278	1.00E-03	7.48E-02	5.81E-02	3.60E-04	2.68E-02	2.08E-02
1664	473695.03, 3847249.23	0.17314	11.9791	9.25335	0.0004885	0.0337955	0.0261056	1.24E-03	8.56E-02	6.61E-02	4.43E-04	3.07E-02	2.37E-02
1665	473695.03, 3847299.23	0.22283	13.4662	9.96343	0.0006286	0.0379909	0.0281089	1.59E-03	9.62E-02	7.12E-02	5.70E-04	3.45E-02	2.55E-02
1666	473695.03, 3847349.23	0.32487	17.7012	12.2087	0.0009165	0.0499388	0.0344433	2.32E-03	1.26E-01	8.72E-02	8.32E-04	4.53E-02	3.13E-02
1667	473745.03, 3846699.23	0.05373	6.35114	4.80622	0.0001516	0.0179179	0.0135593	3.84E-04	4.54E-02	3.43E-02	1.38E-04	1.63E-02	1.23E-02
1668	473745.03, 3846749.23	0.05802	6.76456	5.05687	0.0001637	0.0190842	0.0142665	4.14E-04	4.83E-02	3.61E-02	1.49E-04	1.73E-02	1.29E-02
1669	473745.03, 3846799.23	0.06281	7.15556	5.3803	0.0001772	0.0201873	0.0151789	4.49E-04	5.11E-02	3.84E-02	1.61E-04	1.83E-02	1.38E-02
1670	473745.03, 3846849.23	0.06856	7.57805	5.71529	0.0001934	0.0213793	0.016124	4.90E-04	5.41E-02	4.08E-02	1.75E-04	1.94E-02	1.46E-02
1671	473745.03, 3846899.23	0.07429	7.80448	5.97878	0.0002096	0.0220181	0.0168674	5.31E-04	5.58E-02	4.27E-02	1.90E-04	2.00E-02	1.53E-02
1672	473745.03, 3846949.23	0.08179	8.17384	6.35034	0.0002307	0.0230601	0.0179156	5.84E-04	5.84E-02	4.54E-02	2.09E-04	2.09E-02	1.63E-02
1673	473745.03, 3846999.23	0.08966	8.50748	6.61679	0.0002529	0.0240014	0.0186673	6.41E-04	6.08E-02	4.73E-02	2.30E-04	2.18E-02	1.69E-02
1674	473745.03, 3847049.23	0.09912	8.87635	6.96595	0.0002796	0.025042	0.0196524	7.08E-04	6.34E-02	4.98E-02	2.54E-04	2.27E-02	1.78E-02
1675	473745.03, 3847099.23	0.11061	9.32517	7.06802	0.0003121	0.0263082	0.0199404	7.90E-04	6.66E-02	5.05E-02	2.83E-04	2.39E-02	1.81E-02

1676	473745.03, 3847149.23	0.12556	9.69287	7.29974	0.0003542	0.0273456	0.0205941	8.97E-04	6.92E-02	5.21E-02	3.21E-04	2.48E-02	1.87E-02
1677	473745.03, 3847199.23	0.14906	10.3021	8.04103	0.0004205	0.0290644	0.0226854	1.06E-03	7.36E-02	5.74E-02	3.82E-04	2.64E-02	2.06E-02
1678	473745.03, 3847249.23	0.1833	11.0422	8.41926	0.0005171	0.0311525	0.0237525	1.31E-03	7.89E-02	6.01E-02	4.69E-04	2.83E-02	2.16E-02
1679	473745.03, 3847299.23	0.23277	11.9848	9.29099	0.0006567	0.0338117	0.0262118	1.66E-03	8.56E-02	6.64E-02	5.96E-04	3.07E-02	2.38E-02
1680	473745.03, 3847349.23	0.31718	13.7392	10.3356	0.0008948	0.0387612	0.0291589	2.27E-03	9.81E-02	7.38E-02	8.12E-04	3.52E-02	2.65E-02
1681	473745.03, 3847399.23	0.44519	15.5667	11.314	0.001256	0.0439168	0.0319191	3.18E-03	1.11E-01	8.08E-02	1.14E-03	3.98E-02	2.90E-02
1682	473795.03, 3846699.23	0.05458	6.29492	4.79422	0.000154	0.0177593	0.0135255	3.90E-04	4.50E-02	3.42E-02	1.40E-04	1.61E-02	1.23E-02
1683	473795.03, 3846749.23	0.05887	6.68352	5.01626	0.0001661	0.0188556	0.0141519	4.21E-04	4.77E-02	3.58E-02	1.51E-04	1.71E-02	1.28E-02
1684	473795.03, 3846799.23	0.06394	7.16324	5.2954	0.0001804	0.020209	0.0149394	4.57E-04	5.12E-02	3.78E-02	1.64E-04	1.83E-02	1.36E-02
1685	473795.03, 3846849.23	0.07001	7.67499	5.60955	0.0001975	0.0216527	0.0158257	5.00E-04	5.48E-02	4.01E-02	1.79E-04	1.96E-02	1.44E-02
1686	473795.03, 3846899.23	0.07677	8.11667	5.96285	0.0002166	0.0228988	0.0168224	5.48E-04	5.80E-02	4.26E-02	1.97E-04	2.08E-02	1.53E-02
1687	473795.03, 3846949.23	0.08441	8.48916	6.37025	0.0002381	0.0239497	0.0179718	6.03E-04	6.06E-02	4.55E-02	2.16E-04	2.17E-02	1.63E-02
1688	473795.03, 3846999.23	0.09272	8.69482	6.69754	0.0002616	0.0245299	0.0188952	6.62E-04	6.21E-02	4.78E-02	2.37E-04	2.23E-02	1.71E-02
1689	473795.03, 3847049.23	0.10264	8.89958	6.9648	0.0002896	0.0251076	0.0196492	7.33E-04	6.36E-02	4.98E-02	2.63E-04	2.28E-02	1.78E-02
1690	473795.03, 3847099.23	0.11444	9.12796	7.10782	0.0003229	0.0257519	0.0200526	8.18E-04	6.52E-02	5.08E-02	2.93E-04	2.34E-02	1.82E-02
1691	473795.03, 3847149.23	0.13044	9.34642	7.22112	0.000368	0.0263682	0.0203723	9.32E-04	6.68E-02	5.16E-02	3.34E-04	2.39E-02	1.85E-02
1692	473795.03, 3847199.23	0.15609	9.95643	7.49631	0.0004404	0.0280892	0.0211487	1.12E-03	7.11E-02	5.36E-02	4.00E-04	2.55E-02	1.92E-02
1693	473795.03, 3847249.23	0.19409	10.6751	8.29546	0.0005476	0.0301167	0.0234032	1.39E-03	7.63E-02	5.93E-02	4.97E-04	2.73E-02	2.12E-02
1694	473795.03, 3847299.23	0.24451	10.8766	8.39791	0.0006898	0.030685	0.0236923	1.75E-03	7.77E-02	6.00E-02	6.26E-04	2.78E-02	2.15E-02
1695	473795.03, 3847349.23	0.32783	12.2031	9.47921	0.0009249	0.0344274	0.0267428	2.34E-03	8.72E-02	6.77E-02	8.39E-04	3.12E-02	2.43E-02
1696	473795.03, 3847399.23	0.46868	15.1173	11.3692	0.0013222	0.0426489	0.0320748	3.35E-03	1.08E-01	8.12E-02	1.20E-03	3.87E-02	2.91E-02
1697	473845.03, 3846699.23	0.05528	6.22321	4.6413	0.000156	0.017557	0.0130941	3.95E-04	4.45E-02	3.32E-02	1.42E-04	1.59E-02	1.19E-02
1698	473845.03, 3846749.23	0.05996	6.53954	5.02388	0.0001692	0.0184494	0.0141734	4.28E-04	4.67E-02	3.59E-02	1.53E-04	1.67E-02	1.29E-02
1699	473845.03, 3846799.23	0.06529	7.01315	5.30978	0.0001842	0.0197856	0.01498	4.66E-04	5.01E-02	3.79E-02	1.67E-04	1.80E-02	1.36E-02
1700	473845.03, 3846849.23	0.07126	7.54323	5.6163	0.000201	0.021281	0.0158448	5.09E-04	5.39E-02	4.01E-02	1.82E-04	1.93E-02	1.44E-02
1701	473845.03, 3846899.23	0.07821	8.06916	5.93432	0.0002206	0.0227648	0.016742	5.59E-04	5.76E-02	4.24E-02	2.00E-04	2.07E-02	1.52E-02
1702	473845.03, 3846949.23	0.08627	8.55904	6.20676	0.0002434	0.0241468	0.0175106	6.16E-04	6.11E-02	4.43E-02	2.21E-04	2.19E-02	1.59E-02
1703	473845.03, 3846999.23	0.09552	8.93902	6.5579	0.0002695	0.0252188	0.0185012	6.82E-04	6.39E-02	4.68E-02	2.45E-04	2.29E-02	1.68E-02
1704	473845.03, 3847049.23	0.10648	9.17882	6.96969	0.0003004	0.0258954	0.0196629	7.61E-04	6.56E-02	4.98E-02	2.73E-04	2.35E-02	1.78E-02
1705	473845.03, 3847099.23	0.11936	9.11285	7.12785	0.0003367	0.0257092	0.0201091	8.53E-04	6.51E-02	5.09E-02	3.06E-04	2.33E-02	1.82E-02
1706	473845.03, 3847149.23	0.13735	9.26916	7.2054	0.0003875	0.0261502	0.0203279	9.81E-04	6.62E-02	5.15E-02	3.52E-04	2.37E-02	1.84E-02
1707	473845.03, 3847199.23	0.16402	9.70769	7.59781	0.0004627	0.0273874	0.021435	1.17E-03	6.93E-02	5.43E-02	4.20E-04	2.48E-02	1.94E-02
1708	473845.03, 3847249.23	0.20472	10.4121	7.92279	0.0005776	0.0293747	0.0223518	1.46E-03	7.44E-02	5.66E-02	5.24E-04	2.67E-02	2.03E-02
1709	473845.03, 3847299.23	0.25741	10.5432	8.19918	0.0007262	0.0297446	0.0231316	1.84E-03	7.53E-02	5.86E-02	6.59E-04	2.70E-02	2.10E-02
1710	473845.03, 3847349.23	0.34002	11.247	8.72114	0.0009593	0.0317301	0.0246042	2.43E-03	8.03E-02	6.23E-02	8.70E-04	2.88E-02	2.23E-02
1711	473845.03, 3847399.23	0.46156	12.6676	9.82092	0.0013022	0.0357379	0.0277069	3.30E-03	9.05E-02	7.02E-02	1.18E-03	3.24E-02	2.51E-02
1712	473845.03, 3847449.23	0.66218	16.6732	12.1332	0.0018681	0.0470387	0.0342303	4.73E-03	1.19E-01	8.67E-02	1.70E-03	4.27E-02	3.11E-02
1713	473895.03, 3846699.23	0.05628	6.24537	4.58256	0.0001588	0.0176195	0.0129284	4.02E-04	4.46E-02	3.27E-02	1.44E-04	1.60E-02	1.17E-02
1714	473895.03, 3846749.23	0.06061	6.42242	4.7634	0.000171	0.018119	0.0134385	4.33E-04	4.59E-02	3.40E-02	1.55E-04	1.64E-02	1.22E-02
1715	473895.03, 3846799.23	0.06604	6.73938	5.09396	0.0001863	0.0190132	0.0143711	4.72E-04	4.81E-02	3.64E-02	1.69E-04	1.73E-02	1.30E-02
1716	473895.03, 3846849.23	0.07228	7.19649	5.48043	0.0002039	0.0203028	0.0154614	5.16E-04	5.14E-02	3.92E-02	1.85E-04	1.84E-02	1.40E-02
1717	473895.03, 3846899.23	0.07922	7.74764	5.70252	0.0002235	0.0218577	0.016088	5.66E-04	5.53E-02	4.07E-02	2.03E-04	1.98E-02	1.46E-02
1718	473895.03, 3846949.23	0.08779	8.36358	6.10435	0.0002477	0.0235954	0.0172216	6.27E-04	5.97E-02	4.36E-02	2.25E-04	2.14E-02	1.56E-02
1719	473895.03, 3846999.23	0.09804	8.94417	6.41609	0.0002766	0.0252334	0.0181011	7.00E-04	6.39E-02	4.58E-02	2.51E-04	2.29E-02	1.64E-02
1720	473895.03, 3847049.23	0.11042	9.36901	6.69903	0.0003115	0.0264319	0.0188994	7.89E-04	6.69E-02	4.79E-02	2.83E-04	2.40E-02	1.71E-02
1721	473895.03, 3847099.23	0.1257	9.51803	7.11785	0.0003546	0.0268523	0.0200809	8.98E-04	6.80E-02	5.08E-02	3.22E-04	2.44E-02	1.82E-02
1722	473895.03, 3847149.23	0.14488	9.39774	7.29933	0.0004087	0.026513	0.0205929	1.03E-03	6.71E-02	5.21E-02	3.71E-04	2.41E-02	1.87E-02
1723	473895.03, 3847199.23	0.17144	9.31556	7.29506	0.0004837	0.0262811	0.0205809	1.22E-03	6.65E-02	5.21E-02	4.39E-04	2.38E-02	1.87E-02
1724	473895.03, 3847249.23	0.21649	10.2704	7.88227	0.0006108	0.0289749	0.0222375	1.55E-03	7.34E-02	5.63E-02	5.54E-04	2.63E-02	2.02E-02
1725	473895.03, 3847299.23	0.27267	10.5479	8.19023	0.0007693	0.0297578	0.0231063	1.95E-03	7.54E-02	5.85E-02	6.98E-04	2.70E-02	2.10E-02
1726	473895.03, 3847349.23	0.34927	10.6698	8.3292	0.0009854	0.0301017	0.0234984	2.50E-03	7.62E-02	5.95E-02	8.94E-04	2.73E-02	2.13E-02
1727	473895.03, 3847399.23	0.48218	12.6473	9.64694	0.0013603	0.0356806	0.027216	3.44E-03	9.03E-02	6.89E-02	1.23E-03	3.24E-02	2.47E-02
1728	473895.03, 3847449.23	0.67921	16.218	11.7943	0.0019162	0.0457544	0.0332742	4.85E-03	1.16E-01	8.43E-02	1.74E-03	4.15E-02	3.02E-02
1729	473945.03, 3846699.23	0.05686	6.23863	4.48108	0.0001604	0.0176005	0.0126421	4.06E-04	4.46E-02	3.20E-02	1.46E-04	1.60E-02	1.15E-02
1730	473945.03, 3846749.23	0.06159	6.4724	4.69036	0.0001738	0.01826	0.0132325	4.40E-04	4.62E-02	3.35E-02	1.58E-04	1.66E-02	1.20E-02
1731	473945.03, 3846799.23	0.06695	6.70335	4.92097	0.0001889	0.0189115	0.0138831	4.78E-04	4.79E-02	3.52E-02	1.71E-04	1.72E-02	1.26E-02
1732	473945.03, 3846849.23	0.07305	6.93973	5.17904	0.0002061	0.0195784	0.0146111	5.22E-04	4.96E-02	3.70E-02	1.87E-04	1.78E-02	1.33E-02
1733	473945.03, 3846899.23	0.08039	7.36409	5.57643	0.0002268	0.0207756	0.0157323	5.74E-04	5.26E-02	3.98E-02	2.06E-04	1.89E-02	1.43E-02
1734	473945.03, 3846949.23	0.0889	7.87885	5.87435	0.0002508	0.0222279	0.0165728	6.35E-04	5.63E-02	4.20E-02	2.28E-04	2.02E-02	1.50E-02
1735	473945.03, 3846999.23	0.09952	8.48672	6.17638	0.0002808	0.0239428	0.0174249	7.11E-04	6.06E-02	4.41E-02	2.55E-04	2.17E-02	1.58E-02
1736	473945.03, 3847049.23	0.11361	9.16247	6.55867	0.0003205	0.0258492	0.0185034	8.12E-04	6.55E-02	4.69E-02	2.91E-04	2.35E-02	1.68E-02
1737	473945.03, 3847099.23	0.13181	9.7146	6.87498	0.0003719	0.0274069	0.0193957	9.42E-04	6.94E-02	4.91E-02	3.37E-04	2.49E-02	1.76E-02
1738	473945.03, 3847149.23	0.15261	9.65604	7.07679	0.0004305	0.0272417	0.0199651	1.09E-03	6.90E-02	5.06E-02	3.91E-04	2.47E-02	1.81E-02
1739	473945.03, 3847199.23	0.18209	9.63695	7.35582	0.0005137	0.0271878	0.0207523	1.30E-03	6.88E-02	5.25E-02	4.66E-04	2.47E-02	1.88E-02
1740	473945.03, 3847249.23	0.22818	10.0552	7.87911	0.0006437	0.0283677	0.0222286	1.63E-03	7.18E-02	5.63E-02	5.84E-04	2.57E-02	2.02E-02
1741	473945.03, 3847299.23	0.28393	10.1599	7.8748	0.000801	0.0286631	0.0222164	2.03E-03	7.26E-02	5.63E-02	7.27E-04	2.60E-02	2.02E-02
1742	473945.03, 3847349.23	0.35318	9.77998	7.80748	0.0009964	0.0275914	0.0220265	2.52E-03	6.99E-02	5.58E-02	9.04E-04	2.50E-02	2.00E-02
1743	473945.03, 3847399.23	0.47436	11.301	8.73109	0.0013383	0.0318825	0.0246322	3.39E-03	8.07E-02	6.24E-02	1.21E-03	2.89E-02	2.23E-02
1744	473945.03, 3847449.23	0.62853	12.7521	9.71097	0.0017732	0.0359763	0.0273967	4.49E-03	9.11E-02	6.94E-02	1.61E-03	3.26E-02	2.49E-02
1745	473995.03, 3846699.23	0.05701	6.09096	4.40102	0.0001608	0.0171839	0.0124162	4.07E-04	4.35E-02	3.14E-02	1.46E-04	1.56E-02	1.13E-02
1746	473995.03, 3846749.23	0.06209	6.4013	4.61601	0.0001752	0.0180594	0.0130227	4.44E-04	4.57E-02	3.30E-02	1.59E-04	1.64E-02	1.18E-02
1747	473995.03, 3846799.23	0.06776	6.69958	4.81565	0.0001912	0.0189009	0.013586	4.84E-04	4.79E-02	3.44E-02	1.73E-04	1.71E-02	1.23E-02
1748	473995.03, 3846849.23	0.07413	6.96277	5.05411	0.0002091	0.0196434	0.0142587	5.30E-04	4.97E-02	3.61E-02	1.90E-04	1.78E-02	1.29E-02
1749	473995.03, 3846899.23	0.08157	7.20528	5.33281	0.0002301	0.0203276	0.015045	5.83E-04	5.15E-02	3.81E-02	2.09E-04	1.84E-02	1.37E-02
1750	473995.03, 3846949.23	0.09067	7.54631	5.67326	0.0002558	0.0212897	0.0160054	6.48E-04	5.39E-02	4.05E-02	2.32E-04	1.93E-02	1.45E-02
1751	473995.03, 3846999.23	0.10196	7.99063	6.01937	0.0002877	0.0225432	0.0169819	7.28E-04	5.71E-02	4.30E-02	2.61E-04	2.05E-02	1.54E-02
1752	473995.03, 3847049.23	0.11658	8.59497	6.26603	0.0003289	0.0242482	0.0176778	8.33E-04	6.14E-02	4.48E-02	2.98E-04	2.20E-02	1.60E-02
1753	473995.03, 3847099.23	0.13673	9.39687	6.72905	0.0003857	0.0265105	0.0189841	9.77E-04	6.71E-02	4.81E-02	3.50E-04	2.41E-02	1.72E-02
1754	473995.03, 3847149.23	0.16288	10.058	7.09004	0.0004595	0.0283758	0.0200025	1.16E-03	7.19E-02	5.06E-02	4.17E-04	2.57E-02	1.81E-02
1755	473995.03, 3847199.23	0.19189	9.87507	7.10071	0.0005414	0.0278596	0.0200326	1.37E-03	7.05E-02	5.07E-02	4.91E-04	2.53E-02	1.82E-02

1756	473995.03, 3847249.23	0.23999	10.4462	7.74424	0.0006771	0.029471	0.0218481	1.71E-03	7.46E-02	5.53E-02	6.14E-04	2.67E-02	1.98E-02
1757	473995.03, 3847299.23	0.29615	10.1429	7.88089	0.0008355	0.0286152	0.0222336	2.12E-03	7.25E-02	5.63E-02	7.58E-04	2.60E-02	2.02E-02
1758	473995.03, 3847349.23	0.35651	9.19211	7.2735	0.0010058	0.0259329	0.0205201	2.55E-03	6.57E-02	5.20E-02	9.13E-04	2.35E-02	1.86E-02
1759	473995.03, 3847399.23	0.45609	9.53159	7.7233	0.0012867	0.0268906	0.021789	3.26E-03	6.81E-02	5.52E-02	1.17E-03	2.44E-02	1.98E-02
1760	473995.03, 3847449.23	0.59144	10.6309	8.32077	0.0016686	0.0299918	0.0234746	4.23E-03	7.59E-02	5.94E-02	1.51E-03	2.72E-02	2.13E-02
1761	474045.03, 3846699.23	0.05744	5.94435	4.19667	0.0001621	0.0167702	0.0118397	4.10E-04	4.25E-02	3.00E-02	1.47E-04	1.52E-02	1.07E-02
1762	474045.03, 3846749.23	0.06247	6.2573	4.48996	0.0001762	0.0176531	0.0126671	4.46E-04	4.47E-02	3.21E-02	1.60E-04	1.60E-02	1.15E-02
1763	474045.03, 3846799.23	0.06803	6.54383	4.70795	0.0001919	0.0184615	0.0132821	4.86E-04	4.67E-02	3.36E-02	1.74E-04	1.68E-02	1.21E-02
1764	474045.03, 3846849.23	0.07446	6.82481	4.87905	0.0002101	0.0192542	0.0137648	5.32E-04	4.88E-02	3.49E-02	1.91E-04	1.75E-02	1.25E-02
1765	474045.03, 3846899.23	0.08255	7.15939	5.1037	0.0002329	0.0201981	0.0143986	5.90E-04	5.11E-02	3.65E-02	2.11E-04	1.83E-02	1.31E-02
1766	474045.03, 3846949.23	0.09285	7.53145	5.37495	0.0002619	0.0212478	0.0151639	6.63E-04	5.38E-02	3.84E-02	2.38E-04	1.93E-02	1.38E-02
1767	474045.03, 3846999.23	0.10532	7.8802	5.73697	0.0002971	0.0222317	0.0161852	7.52E-04	5.63E-02	4.10E-02	2.70E-04	2.02E-02	1.47E-02
1768	474045.03, 3847049.23	0.12177	8.37198	6.23835	0.0003435	0.0236191	0.0175997	8.70E-04	5.98E-02	4.46E-02	3.12E-04	2.14E-02	1.60E-02
1769	474045.03, 3847099.23	0.14173	8.78161	6.51473	0.0003998	0.0247747	0.0183794	1.01E-03	6.27E-02	4.65E-02	3.63E-04	2.25E-02	1.67E-02
1770	474045.03, 3847149.23	0.17024	9.69299	6.89107	0.0004803	0.0273459	0.0194411	1.22E-03	6.92E-02	4.92E-02	4.36E-04	2.48E-02	1.76E-02
1771	474045.03, 3847199.23	0.20617	10.3481	7.30399	0.0005816	0.0291941	0.0206061	1.47E-03	7.39E-02	5.22E-02	5.28E-04	2.65E-02	1.87E-02
1772	474045.03, 3847249.23	0.25177	10.6768	7.50858	0.0007103	0.0301214	0.0211833	1.80E-03	7.63E-02	5.36E-02	6.44E-04	2.73E-02	1.92E-02
1773	474045.03, 3847299.23	0.31115	10.7536	7.81338	0.0008778	0.0303382	0.0220432	2.22E-03	7.68E-02	5.58E-02	7.96E-04	2.75E-02	2.00E-02
1774	474045.03, 3847349.23	0.37725	9.97106	7.71537	0.0010643	0.0281304	0.0217667	2.69E-03	7.12E-02	5.51E-02	9.66E-04	2.55E-02	1.97E-02
1775	474045.03, 3847399.23	0.46438	9.53792	7.53839	0.0013101	0.0269085	0.0212674	3.32E-03	6.81E-02	5.39E-02	1.19E-03	2.44E-02	1.93E-02
1776	474045.03, 3847449.23	0.58993	10.2572	8.18857	0.0016643	0.0289377	0.0231017	4.21E-03	7.33E-02	5.85E-02	1.51E-03	2.63E-02	2.10E-02
1777	474095.03, 3846699.23	0.05828	5.82519	4.13955	0.0001644	0.0164341	0.0116785	4.16E-04	4.16E-02	2.96E-02	1.49E-04	1.49E-02	1.06E-02
1778	474095.03, 3846749.23	0.06331	6.12206	4.30183	0.0001786	0.0172716	0.0121364	4.52E-04	4.37E-02	3.07E-02	1.62E-04	1.57E-02	1.10E-02
1779	474095.03, 3846799.23	0.06892	6.40457	4.5171	0.0001944	0.0180686	0.0127437	4.92E-04	4.58E-02	3.23E-02	1.76E-04	1.64E-02	1.16E-02
1780	474095.03, 3846849.23	0.07553	6.69418	4.76753	0.0002131	0.0188857	0.0134502	5.40E-04	4.78E-02	3.41E-02	1.93E-04	1.71E-02	1.22E-02
1781	474095.03, 3846899.23	0.08395	7.03973	4.99605	0.0002368	0.0198605	0.0140949	6.00E-04	5.03E-02	3.57E-02	2.15E-04	1.80E-02	1.28E-02
1782	474095.03, 3846949.23	0.0947	7.41477	5.21715	0.0002672	0.0209186	0.0147187	6.77E-04	5.30E-02	3.73E-02	2.42E-04	1.90E-02	1.34E-02
1783	474095.03, 3846999.23	0.10845	7.812	5.50094	0.000306	0.0220393	0.0155193	7.75E-04	5.58E-02	3.93E-02	2.78E-04	2.00E-02	1.41E-02
1784	474095.03, 3847049.23	0.1258	8.22512	5.82942	0.0003549	0.0232048	0.016446	8.99E-04	5.88E-02	4.16E-02	3.22E-04	2.11E-02	1.49E-02
1785	474095.03, 3847099.23	0.14786	8.69668	6.31525	0.0004171	0.0245351	0.0178166	1.06E-03	6.21E-02	4.51E-02	3.78E-04	2.23E-02	1.62E-02
1786	474095.03, 3847149.23	0.17694	9.17541	6.78014	0.0004992	0.0258857	0.0191282	1.26E-03	6.55E-02	4.84E-02	4.53E-04	2.35E-02	1.74E-02
1787	474095.03, 3847199.23	0.21536	9.8745	7.12978	0.0006076	0.027858	0.0201146	1.54E-03	7.05E-02	5.09E-02	5.51E-04	2.53E-02	1.83E-02
1788	474095.03, 3847249.23	0.2634	10.5351	7.53433	0.0007431	0.0297217	0.0212559	1.88E-03	7.53E-02	5.38E-02	6.74E-04	2.70E-02	1.93E-02
1789	474095.03, 3847299.23	0.32152	10.7464	7.6461	0.0009071	0.0303178	0.0215712	2.30E-03	7.68E-02	5.46E-02	8.23E-04	2.75E-02	1.96E-02
1790	474095.03, 3847349.23	0.38558	10.1271	7.3833	0.0010878	0.0285707	0.0208298	2.75E-03	7.23E-02	5.27E-02	9.87E-04	2.59E-02	1.89E-02
1791	474095.03, 3847399.23	0.45808	9.18205	7.02651	0.0012923	0.0259045	0.0198232	3.27E-03	6.56E-02	5.02E-02	1.17E-03	2.35E-02	1.80E-02
1792	474095.03, 3847449.23	0.5932	10.3079	8.0536	0.0016735	0.0290808	0.0227209	4.24E-03	7.36E-02	5.75E-02	1.52E-03	2.64E-02	2.06E-02
1793	474145.03, 3846699.23	0.05918	5.86324	4.14825	0.000167	0.0165414	0.0117031	4.23E-04	4.19E-02	2.96E-02	1.51E-04	1.50E-02	1.06E-02
1794	474145.03, 3846749.23	0.06426	6.03192	4.29867	0.0001813	0.0170173	0.0121274	4.59E-04	4.31E-02	3.07E-02	1.64E-04	1.54E-02	1.10E-02
1795	474145.03, 3846799.23	0.07021	6.25862	4.46277	0.0001981	0.0176569	0.0125904	5.02E-04	4.47E-02	3.19E-02	1.80E-04	1.60E-02	1.14E-02
1796	474145.03, 3846849.23	0.07739	6.58091	4.62524	0.0002183	0.0185661	0.0130488	5.53E-04	4.70E-02	3.30E-02	1.98E-04	1.68E-02	1.18E-02
1797	474145.03, 3846899.23	0.08643	6.94359	4.9003	0.0002438	0.0195893	0.0138248	6.17E-04	4.96E-02	3.50E-02	2.21E-04	1.78E-02	1.25E-02
1798	474145.03, 3846949.23	0.0971	7.23647	5.13162	0.0002739	0.0204156	0.0144774	6.94E-04	5.17E-02	3.67E-02	2.49E-04	1.85E-02	1.31E-02
1799	474145.03, 3846999.23	0.11129	7.64184	5.36806	0.000314	0.0215592	0.0151444	7.95E-04	5.46E-02	3.83E-02	2.85E-04	1.96E-02	1.37E-02
1800	474145.03, 3847049.23	0.12987	8.1488	5.62413	0.0003664	0.0229895	0.0158668	9.28E-04	5.82E-02	4.02E-02	3.32E-04	2.09E-02	1.44E-02
1801	474145.03, 3847099.23	0.15317	8.57374	5.93633	0.0004321	0.0241883	0.0167476	1.09E-03	6.12E-02	4.24E-02	3.92E-04	2.19E-02	1.52E-02
1802	474145.03, 3847149.23	0.18366	9.06309	6.41483	0.0005181	0.0255689	0.0180976	1.31E-03	6.47E-02	4.58E-02	4.70E-04	2.32E-02	1.64E-02
1803	474145.03, 3847199.23	0.22266	9.56228	6.91108	0.0006282	0.0269772	0.0194976	1.59E-03	6.83E-02	4.94E-02	5.70E-04	2.45E-02	1.77E-02
1804	474145.03, 3847249.23	0.27529	10.1902	7.52965	0.0007767	0.0287486	0.0212427	1.97E-03	7.28E-02	5.38E-02	7.05E-04	2.61E-02	1.93E-02
1805	474145.03, 3847299.23	0.33654	10.6981	7.74721	0.0009494	0.0301814	0.0218565	2.40E-03	7.64E-02	5.53E-02	8.61E-04	2.74E-02	1.98E-02
1806	474145.03, 3847349.23	0.40192	10.5408	7.63637	0.0011339	0.0297377	0.0215438	2.87E-03	7.53E-02	5.46E-02	1.03E-03	2.70E-02	1.95E-02
1807	474145.03, 3847399.23	0.47547	9.91346	7.26117	0.0013414	0.0279679	0.0204853	3.40E-03	7.08E-02	5.19E-02	1.22E-03	2.54E-02	1.86E-02
1808	474145.03, 3847449.23	0.59239	10.5831	7.87793	0.0016713	0.0298572	0.0222253	4.23E-03	7.56E-02	5.63E-02	1.52E-03	2.71E-02	2.02E-02
1809	474195.03, 3846699.23	0.0596	5.89803	4.0204	0.0001681	0.0166396	0.0113424	4.26E-04	4.21E-02	2.87E-02	1.53E-04	1.51E-02	1.03E-02
1810	474195.03, 3846749.23	0.06467	6.01437	4.17304	0.0001824	0.0169678	0.011773	4.62E-04	4.30E-02	2.98E-02	1.66E-04	1.54E-02	1.07E-02
1811	474195.03, 3846799.23	0.07	6.05993	4.30118	0.0001975	0.0170963	0.0121345	5.00E-04	4.33E-02	3.07E-02	1.79E-04	1.55E-02	1.10E-02
1812	474195.03, 3846849.23	0.07593	6.04518	4.29058	0.0002142	0.0170547	0.0121046	5.42E-04	4.32E-02	3.07E-02	1.94E-04	1.55E-02	1.10E-02
1813	474195.03, 3846899.23	0.08628	6.43616	4.57863	0.0002434	0.0181577	0.0129173	6.16E-04	4.60E-02	3.27E-02	2.21E-04	1.65E-02	1.17E-02
1814	474195.03, 3846949.23	0.09831	6.82361	4.8149	0.0002774	0.0192508	0.0135838	7.02E-04	4.87E-02	3.44E-02	2.52E-04	1.75E-02	1.23E-02
1815	474195.03, 3846999.23	0.11411	7.35165	5.14702	0.0003219	0.0207405	0.0145208	8.15E-04	5.25E-02	3.68E-02	2.92E-04	1.88E-02	1.32E-02
1816	474195.03, 3847049.23	0.13271	7.79194	5.46021	0.0003744	0.0219827	0.0154044	9.48E-04	5.57E-02	3.90E-02	3.40E-04	1.99E-02	1.40E-02
1817	474195.03, 3847099.23	0.15632	8.21327	5.70389	0.000441	0.0231713	0.0160919	1.12E-03	5.87E-02	4.07E-02	4.00E-04	2.10E-02	1.46E-02
1818	474195.03, 3847149.23	0.1863	8.59742	5.92696	0.0005256	0.0242551	0.0167212	1.33E-03	6.14E-02	4.23E-02	4.77E-04	2.20E-02	1.52E-02
1819	474195.03, 3847199.23	0.22581	9.04663	6.39236	0.0006371	0.0255224	0.0180342	1.61E-03	6.46E-02	4.57E-02	5.78E-04	2.32E-02	1.64E-02
1820	474195.03, 3847249.23	0.27971	9.80112	7.07025	0.0007891	0.027651	0.0199466	2.00E-03	7.00E-02	5.05E-02	7.16E-04	2.51E-02	1.81E-02
1821	474195.03, 3847299.23	0.34767	10.5532	7.64169	0.0009808	0.0297728	0.0215588	2.48E-03	7.54E-02	5.46E-02	8.90E-04	2.70E-02	1.96E-02
1822	474195.03, 3847349.23	0.4203	10.6387	7.92958	0.0011858	0.030014	0.022371	3.00E-03	7.60E-02	5.66E-02	1.08E-03	2.72E-02	2.03E-02
1823	474195.03, 3847399.23	0.49564	10.4547	7.65323	0.0013983	0.029495	0.0215914	3.54E-03	7.47E-02	5.47E-02	1.27E-03	2.68E-02	1.96E-02
1824	474195.03, 3847449.23	0.59659	10.808	7.94339	0.0016831	0.0304915	0.02241	4.26E-03	7.72E-02	5.67E-02	1.53E-03	2.77E-02	2.03E-02
1825	474245.03, 3847049.23	0.13386	7.16103	5.09524	0.0003776	0.0202028	0.0143747	9.56E-04	5.12E-02	3.64E-02	3.43E-04	1.83E-02	1.30E-02
1826	474245.03, 3847099.23	0.15751	7.56394	5.33638	0.0004444	0.0213394	0.015055	1.13E-03	5.40E-02	3.81E-02	4.03E-04	1.94E-02	1.37E-02
1827	474245.03, 3847149.23	0.19176	8.3663	5.91614	0.000541	0.0236031	0.0166907	1.37E-03	5.98E-02	4.23E-02	4.91E-04	2.14E-02	1.51E-02
1828	474245.03, 3847199.23	0.23283	8.96123	6.28228	0.0006569	0.0252815	0.0177236	1.66E-03	6.40E-02	4.49E-02	5.96E-04	2.29E-02	1.61E-02
1829	474245.03, 3847249.23	0.2845	9.51053	6.89853	0.0008026	0.0268312	0.0194622	2.03E-03	6.79E-02	4.93E-02	7.28E-04	2.43E-02	1.77E-02
1830	474245.03, 3847299.23	0.35341	10.3049	7.5377	0.000997	0.0290723	0.0212654	2.52E-03	7.36E-02	5.38E-02	9.05E-04	2.64E-02	1.93E-02
1831	474245.03, 3847349.23	0.43316	10.9248	8.05371	0.001222	0.0308211	0.0227212	3.09E-03	7.80E-02	5.75E-02	1.11E-03	2.80E-02	2.06E-02
1832	474245.03, 3847399.23	0.51786	10.9409	8.18958	0.001461	0.0308666	0.0231045	3.70E-03	7.82E-02	5.85E-02	1.33E-03	2.80E-02	2.10E-02
1833	474245.03, 3847449.23	0.60861	10.8627	8.31049	0.001717	0.030646	0.0234456	4.35E-03	7.76E-02	5.94E-02	1.56E-03	2.78E-02	2.13E-02
1834	474659.97, 3847690.24	1.02384	16.2955	13.1697	0.0028885	0.0459731	0.0371544	7.31E-03	1.16E-01	9.41E-02	2.62E-03	4.17E-02	3.37E-02
1835	474659.97, 3847740.24	1.1575	18.9613	14.8392	0.0032655	0.0534939	0.0418644	8.27E-03	1.35E-01	1.06E-01	2.96E-03	4.85E-02	3.80E-02

1836	474709.97, 3847640.24	0.83337	12.8928	9.86634	0.0023511	0.0363731	0.027835	5.95E-03	9.21E-02	7.05E-02	2.13E-03	3.30E-02	2.53E-02
1837	474709.97, 3847690.24	0.95089	14.6431	11.8424	0.0026827	0.0413112	0.03341	6.79E-03	1.05E-01	8.46E-02	2.43E-03	3.75E-02	3.03E-02
1838	474709.97, 3847740.24	1.08486	17.559	13.7913	0.0030606	0.0495376	0.038908	7.75E-03	1.25E-01	9.85E-02	2.78E-03	4.49E-02	3.53E-02
1839	474759.97, 3847540.24	0.65864	12.1309	9.04789	0.0018582	0.0342237	0.025526	4.71E-03	8.67E-02	6.46E-02	1.69E-03	3.11E-02	2.32E-02
1840	474759.97, 3847590.24	0.71016	11.6425	8.67513	0.0020035	0.0328459	0.0244743	5.07E-03	8.32E-02	6.20E-02	1.82E-03	2.98E-02	2.22E-02
1841	474759.97, 3847640.24	0.7781	11.462	8.9587	0.0021952	0.0323367	0.0252744	5.56E-03	8.19E-02	6.40E-02	1.99E-03	2.93E-02	2.29E-02
1842	474759.97, 3847690.24	0.8852	13.1563	10.5938	0.0024973	0.0371168	0.0298873	6.32E-03	9.40E-02	7.57E-02	2.27E-03	3.37E-02	2.71E-02
1843	474759.97, 3847740.24	1.01635	16.1496	12.7622	0.0028673	0.0455614	0.0360048	7.26E-03	1.15E-01	9.12E-02	2.60E-03	4.13E-02	3.27E-02
1844	474759.97, 3847790.24	1.15183	18.959	14.8829	0.0032496	0.0534874	0.0419878	8.23E-03	1.35E-01	1.06E-01	2.95E-03	4.85E-02	3.81E-02
1845	474809.97, 3847490.24	0.56808	11.028	8.1788	0.0016027	0.0311122	0.0230741	4.06E-03	7.88E-02	5.84E-02	1.45E-03	2.82E-02	2.09E-02
1846	474809.97, 3847540.24	0.63095	11.4697	8.55955	0.00178	0.0323583	0.0241483	4.51E-03	8.19E-02	6.11E-02	1.62E-03	2.94E-02	2.19E-02
1847	474809.97, 3847590.24	0.68116	11.0852	8.286	0.0019217	0.0312736	0.0233765	4.87E-03	7.92E-02	5.92E-02	1.74E-03	2.84E-02	2.12E-02
1848	474809.97, 3847640.24	0.74574	10.9648	8.5674	0.0021039	0.0309339	0.0241704	5.33E-03	7.83E-02	6.12E-02	1.91E-03	2.81E-02	2.19E-02
1849	474809.97, 3847690.24	0.8401	12.3227	9.97182	0.0023701	0.0347648	0.0281326	6.00E-03	8.80E-02	7.12E-02	2.15E-03	3.15E-02	2.55E-02
1850	474809.97, 3847740.24	0.9611	15.0835	11.936	0.0027115	0.0425538	0.0336739	6.87E-03	1.08E-01	8.53E-02	2.46E-03	3.86E-02	3.06E-02
1851	474809.97, 3847790.24	1.09507	18.1548	14.1701	0.0030894	0.0512185	0.0399767	7.82E-03	1.30E-01	1.01E-01	2.80E-03	4.65E-02	3.63E-02
1852	474809.97, 3847840.24	1.23681	21.0177	16.1301	0.0034893	0.0592953	0.0455063	8.84E-03	1.50E-01	1.15E-01	3.17E-03	5.38E-02	4.13E-02
1853	474859.97, 3847440.24	0.48907	9.82641	7.44189	0.0013798	0.0277223	0.0209951	3.49E-03	7.02E-02	5.32E-02	1.25E-03	2.52E-02	1.90E-02
1854	474859.97, 3847490.24	0.54748	10.5044	7.7327	0.0015446	0.0296351	0.0218156	3.91E-03	7.50E-02	5.52E-02	1.40E-03	2.69E-02	1.98E-02
1855	474859.97, 3847540.24	0.60671	10.9186	8.11827	0.0017117	0.0308035	0.0229033	4.33E-03	7.80E-02	5.80E-02	1.55E-03	2.79E-02	2.08E-02
1856	474859.97, 3847590.24	0.66305	10.9888	8.16367	0.0018706	0.0310017	0.0230314	4.74E-03	7.85E-02	5.83E-02	1.70E-03	2.81E-02	2.09E-02
1857	474859.97, 3847640.24	0.72064	10.7348	8.35778	0.0020331	0.030285	0.023579	5.15E-03	7.67E-02	5.97E-02	1.84E-03	2.75E-02	2.14E-02
1858	474859.97, 3847690.24	0.80855	11.9233	9.67046	0.0022811	0.033638	0.0272824	5.78E-03	8.52E-02	6.91E-02	2.07E-03	3.05E-02	2.48E-02
1859	474859.97, 3847740.24	0.91548	14.3042	11.4028	0.0025828	0.040355	0.0321697	6.54E-03	1.02E-01	8.15E-02	2.34E-03	3.66E-02	2.92E-02
1860	474859.97, 3847790.24	1.04308	17.4001	13.6228	0.0029427	0.0490892	0.0384328	7.45E-03	1.24E-01	9.73E-02	2.67E-03	4.45E-02	3.49E-02
1861	474859.97, 3847840.24	1.18137	20.3249	15.6409	0.0033329	0.0573406	0.0441261	8.44E-03	1.45E-01	1.12E-01	3.02E-03	5.20E-02	4.00E-02
1862	474859.97, 3847890.24	1.31682	23.0911	17.6529	0.003715	0.0651447	0.0498026	9.41E-03	1.65E-01	1.26E-01	3.37E-03	5.91E-02	4.52E-02
1863	474909.97, 3847440.24	0.47153	9.27446	6.99822	0.0013303	0.0261652	0.0197434	3.37E-03	6.63E-02	5.00E-02	1.21E-03	2.37E-02	1.79E-02
1864	474909.97, 3847490.24	0.52964	10.0986	7.4197	0.0014942	0.0284903	0.0209325	3.78E-03	7.21E-02	5.30E-02	1.36E-03	2.59E-02	1.90E-02
1865	474909.97, 3847540.24	0.57902	10.1424	7.49978	0.0016335	0.0286138	0.0211584	4.14E-03	7.25E-02	5.36E-02	1.48E-03	2.60E-02	1.92E-02
1866	474909.97, 3847590.24	0.63418	10.326	7.69037	0.0017892	0.0291317	0.0216961	4.53E-03	7.38E-02	5.49E-02	1.62E-03	2.64E-02	1.97E-02
1867	474909.97, 3847640.24	0.70073	10.6877	8.25436	0.0019769	0.0301521	0.0232873	5.01E-03	7.64E-02	5.90E-02	1.79E-03	2.74E-02	2.11E-02
1868	474909.97, 3847690.24	0.78298	11.6891	9.48603	0.0022089	0.0329774	0.0267621	5.59E-03	8.35E-02	6.78E-02	2.00E-03	2.99E-02	2.43E-02
1869	474909.97, 3847740.24	0.87879	13.7807	10.999	0.0024792	0.0388782	0.0310305	6.28E-03	9.84E-02	7.86E-02	2.25E-03	3.53E-02	2.82E-02
1870	474909.97, 3847790.24	0.99631	16.7281	13.0398	0.0028108	0.0471934	0.0367879	7.12E-03	1.20E-01	9.32E-02	2.55E-03	4.28E-02	3.34E-02
1871	474909.97, 3847840.24	1.12503	19.5191	15.0841	0.0031739	0.0550673	0.0425554	8.04E-03	1.39E-01	1.08E-01	2.88E-03	5.00E-02	3.86E-02
1872	474909.97, 3847890.24	1.253	22.2155	17.0209	0.003535	0.0626746	0.0480195	8.95E-03	1.59E-01	1.22E-01	3.21E-03	5.69E-02	4.36E-02
1873	474909.97, 3847940.24	1.37645	24.3642	18.9662	0.0038833	0.0687363	0.0535075	9.83E-03	1.74E-01	1.35E-01	3.52E-03	6.24E-02	4.85E-02
1874	474959.97, 3847490.24	0.51125	9.62944	7.05949	0.0014423	0.0271667	0.0199163	3.65E-03	6.88E-02	5.04E-02	1.31E-03	2.46E-02	1.81E-02
1875	474959.97, 3847540.24	0.55928	9.71743	7.17874	0.0015778	0.0274149	0.0202527	4.00E-03	6.94E-02	5.13E-02	1.43E-03	2.49E-02	1.84E-02
1876	474959.97, 3847590.24	0.61454	10.0581	7.49446	0.0017337	0.028376	0.0211434	4.39E-03	7.19E-02	5.35E-02	1.57E-03	2.57E-02	1.92E-02
1877	474959.97, 3847640.24	0.68647	10.8564	8.27474	0.0019367	0.030628	0.0233448	4.90E-03	7.76E-02	5.91E-02	1.76E-03	2.78E-02	2.12E-02
1878	474959.97, 3847690.24	0.76686	11.7648	9.54034	0.0021635	0.0331909	0.0269153	5.48E-03	8.40E-02	6.82E-02	1.96E-03	3.01E-02	2.44E-02
1879	474959.97, 3847740.24	0.8442	13.2604	10.6078	0.0023817	0.0374104	0.0299267	6.03E-03	9.47E-02	7.58E-02	2.16E-03	3.39E-02	2.72E-02
1880	474959.97, 3847790.24	0.96212	16.4103	12.7631	0.0027143	0.0462968	0.0360074	6.87E-03	1.17E-01	9.12E-02	2.46E-03	4.20E-02	3.27E-02
1881	474959.97, 3847840.24	1.07719	18.883	14.6799	0.003039	0.0532729	0.0414151	7.70E-03	1.35E-01	1.05E-01	2.76E-03	4.83E-02	3.76E-02
1882	474959.97, 3847890.24	1.19215	21.3098	16.2929	0.0033633	0.0601192	0.0459657	8.52E-03	1.52E-01	1.16E-01	3.05E-03	5.45E-02	4.17E-02
1883	474959.97, 3847940.24	1.31014	23.4315	18.0986	0.0036962	0.0661053	0.05106	9.36E-03	1.67E-01	1.29E-01	3.35E-03	6.00E-02	4.63E-02
1884	474959.97, 3847990.24	1.43535	25.6461	20.2467	0.0040494	0.072353	0.0571202	1.03E-02	1.83E-01	1.45E-01	3.67E-03	6.56E-02	5.18E-02
1885	475009.97, 3847540.24	0.5585	10.2306	7.53389	0.0015756	0.0288626	0.0212547	3.99E-03	7.31E-02	5.38E-02	1.43E-03	2.62E-02	1.93E-02
1886	475009.97, 3847590.24	0.60836	10.4136	7.70578	0.0017163	0.0293788	0.0217396	4.35E-03	7.44E-02	5.50E-02	1.56E-03	2.67E-02	1.97E-02
1887	475009.97, 3847640.24	0.67129	10.9294	8.28719	0.0018938	0.0308342	0.0233799	4.80E-03	7.81E-02	5.92E-02	1.72E-03	2.80E-02	2.12E-02
1888	475009.97, 3847690.24	0.74462	11.6268	9.38433	0.0021007	0.0328017	0.0264751	5.32E-03	8.31E-02	6.70E-02	1.91E-03	2.98E-02	2.40E-02
1889	475009.97, 3847740.24	0.8322	13.5816	10.9216	0.0023478	0.0383164	0.0308121	5.95E-03	9.70E-02	7.80E-02	2.13E-03	3.48E-02	2.80E-02
1890	475009.97, 3847790.24	0.92813	16.0136	12.4055	0.0026184	0.0451776	0.0349986	6.63E-03	1.14E-01	8.86E-02	2.38E-03	4.10E-02	3.18E-02
1891	475009.97, 3847840.24	1.02802	18.1106	14.1223	0.0029003	0.0510938	0.039842	7.34E-03	1.29E-01	1.01E-01	2.63E-03	4.64E-02	3.62E-02
1892	475009.97, 3847890.24	1.13355	20.3616	15.4832	0.003198	0.0574442	0.0436812	8.10E-03	1.45E-01	1.11E-01	2.90E-03	5.21E-02	3.96E-02
1893	475009.97, 3847940.24	1.24509	22.514	17.2182	0.0035127	0.0635166	0.0485762	8.89E-03	1.61E-01	1.23E-01	3.19E-03	5.76E-02	4.41E-02
1894	475009.97, 3847990.24	1.36086	24.5808	19.4514	0.0038393	0.0693475	0.0548764	9.72E-03	1.76E-01	1.39E-01	3.48E-03	6.29E-02	4.98E-02
1895	475059.97, 3847590.24	0.60428	10.8345	7.98769	0.0017048	0.0305665	0.0225349	4.32E-03	7.74E-02	5.71E-02	1.55E-03	2.77E-02	2.04E-02
1896	475059.97, 3847640.24	0.65564	10.93	8.24398	0.0018497	0.0308358	0.023258	4.68E-03	7.81E-02	5.89E-02	1.68E-03	2.80E-02	2.11E-02
1897	475059.97, 3847690.24	0.71729	11.2351	9.0549	0.0020236	0.0316966	0.0255458	5.12E-03	8.03E-02	6.47E-02	1.84E-03	2.88E-02	2.32E-02
1898	475059.97, 3847740.24	0.79179	12.7816	10.3036	0.0022338	0.0360595	0.0290687	5.66E-03	9.13E-02	7.36E-02	2.03E-03	3.27E-02	2.64E-02
1899	475059.97, 3847790.24	0.87704	14.9207	11.5757	0.0024743	0.0420945	0.0326575	6.27E-03	1.07E-01	8.27E-02	2.25E-03	3.82E-02	2.96E-02
1900	475059.97, 3847840.24	0.97087	17.0083	13.271	0.002739	0.0479839	0.0374401	6.94E-03	1.22E-01	9.48E-02	2.49E-03	4.35E-02	3.40E-02
1901	475059.97, 3847890.24	1.06496	18.9795	14.4897	0.0030045	0.0535451	0.0408785	7.61E-03	1.36E-01	1.04E-01	2.73E-03	4.86E-02	3.71E-02
1902	475059.97, 3847940.24	1.17789	21.4062	16.3783	0.0033231	0.0603914	0.0462065	8.41E-03	1.53E-01	1.17E-01	3.02E-03	5.48E-02	4.19E-02
1903	475059.97, 3847990.24	1.28766	23.4332	18.428	0.0036328	0.0661099	0.0519893	9.20E-03	1.67E-01	1.32E-01	3.30E-03	6.00E-02	4.72E-02
1904	475059.97, 3848040.24	1.3934	25.6679	19.8589	0.0039311	0.0724146	0.056026	9.95E-03	1.83E-01	1.42E-01	3.57E-03	6.57E-02	5.08E-02
1905	475109.97, 3847640.24	0.6556	11.6427	8.71976	0.0018496	0.0328464	0.0246003	4.68E-03	8.32E-02	6.23E-02	1.68E-03	2.98E-02	2.23E-02
1906	475109.97, 3847690.24	0.69768	11.1421	8.86924	0.0019683	0.0314341	0.025022	4.98E-03	7.96E-02	6.34E-02	1.79E-03	2.85E-02	2.27E-02
1907	475109.97, 3847740.24	0.7602	12.2506	9.8795	0.0021447	0.0345614	0.0278721	5.43E-03	8.75E-02	7.06E-02	1.95E-03	3.14E-02	2.53E-02
1908	475109.97, 3847790.24	0.85392	14.7696	11.5464	0.0024091	0.0416681	0.0325747	6.10E-03	1.06E-01	8.25E-02	2.19E-03	3.78E-02	2.96E-02
1909	475109.97, 3847840.24	0.95631	17.3713	13.412	0.0026979	0.0490079	0.037838	6.83E-03	1.24E-01	9.58E-02	2.45E-03	4.45E-02	3.43E-02
1910	475109.97, 3847890.24	1.05351	19.446	14.8581	0.0029722	0.0548611	0.0419179	7.53E-03	1.39E-01	1.06E-01	2.70E-03	4.98E-02	3.80E-02
1911	475109.97, 3847940.24	1.15101	21.4531	16.3463	0.0032472	0.0605237	0.0461164	8.22E-03	1.53E-01	1.17E-01	2.95E-03	5.49E-02	4.18E-02
1912	475109.97, 3847990.24	1.25036	23.1248	17.9211	0.0035275	0.06524	0.0505592	8.93E-03	1.65E-01	1.28E-01	3.20E-03	5.92E-02	4.59E-02
1913	475109.97, 3848040.24	1.34824	24.8495	19.4781	0.0038037	0.0701057	0.0549516	9.63E-03	1.78E-01	1.39E-01	3.45E-03	6.36E-02	4.99E-02
1914	475109.97, 3848090.24	1.45286	27.1802	20.9547	0.0040988	0.0766811	0.0591175	1.04E-02	1.94E-01	1.50E-01	3.72E-03	6.96E-02	5.36E-02
1915	475159.97, 3847690.24	0.7092	12.452	9.61091	0.0020008	0.0351297	0.0271144	5.07E-03	8.90E-02	6.87E-02	1.82E-03	3.19E-02	2.46E-02

1916	475159.97, 3847740.24	0.76279	12.9868	10.4528	0.002152	0.0366384	0.0294895	5.45E-03	9.28E-02	7.47E-02	1.95E-03	3.32E-02	2.68E-02
1917	475159.97, 3847790.24	0.84317	14.9829	11.7745	0.0023788	0.04227	0.0332183	6.02E-03	1.07E-01	8.41E-02	2.16E-03	3.84E-02	3.01E-02
1918	475159.97, 3847840.24	0.93781	17.4836	13.5668	0.0026458	0.0493248	0.0382749	6.70E-03	1.25E-01	9.69E-02	2.40E-03	4.48E-02	3.47E-02
1919	475159.97, 3847890.24	1.02591	19.3222	14.825	0.0028943	0.0545118	0.0418244	7.33E-03	1.38E-01	1.06E-01	2.63E-03	4.95E-02	3.79E-02
1920	475159.97, 3847940.24	1.1095	20.9483	15.9828	0.0031301	0.0590995	0.0450909	7.93E-03	1.50E-01	1.14E-01	2.84E-03	5.36E-02	4.09E-02
1921	475159.97, 3847990.24	1.18725	22.0672	16.913	0.0033495	0.0622562	0.0477151	8.48E-03	1.58E-01	1.21E-01	3.04E-03	5.65E-02	4.33E-02
1922	475159.97, 3848040.24	1.27581	23.5677	18.3623	0.0035993	0.0664895	0.0518038	9.11E-03	1.68E-01	1.31E-01	3.27E-03	6.03E-02	4.70E-02
1923	475159.97, 3848090.24	1.37489	25.8765	19.9908	0.0038789	0.0730029	0.0563981	9.82E-03	1.85E-01	1.43E-01	3.52E-03	6.62E-02	5.12E-02
1924	475159.97, 3848140.24	1.4887	28.2039	21.5284	0.0041999	0.0795691	0.0607362	1.06E-02	2.01E-01	1.54E-01	3.81E-03	7.22E-02	5.51E-02
1925	475209.97, 3847740.24	0.76872	13.7689	11.126	0.0021687	0.0388448	0.0313887	5.49E-03	9.84E-02	7.95E-02	1.97E-03	3.52E-02	2.85E-02
1926	475209.97, 3847790.24	0.83816	15.3996	12.1175	0.0023646	0.0434456	0.0341859	5.99E-03	1.10E-01	8.66E-02	2.15E-03	3.94E-02	3.10E-02
1927	475209.97, 3847840.24	0.90798	17.1277	13.2739	0.0025616	0.0483207	0.0374484	6.49E-03	1.22E-01	9.48E-02	2.32E-03	4.38E-02	3.40E-02
1928	475209.97, 3847890.24	0.98147	18.5676	14.3058	0.0027689	0.0523832	0.0403597	7.01E-03	1.33E-01	1.02E-01	2.51E-03	4.75E-02	3.66E-02
1929	475209.97, 3847940.24	1.04704	19.7223	15.0025	0.0029539	0.0556407	0.0423252	7.48E-03	1.41E-01	1.07E-01	2.68E-03	5.05E-02	3.84E-02
1930	475209.97, 3847990.24	1.11477	20.6592	15.7887	0.003145	0.0582838	0.0445431	7.96E-03	1.48E-01	1.13E-01	2.85E-03	5.29E-02	4.04E-02
1931	475209.97, 3848040.24	1.20439	22.3448	17.3017	0.0033978	0.0630393	0.0488118	8.60E-03	1.60E-01	1.24E-01	3.08E-03	5.72E-02	4.43E-02
1932	475209.97, 3848090.24	1.31597	24.8636	19.1604	0.0037126	0.0701454	0.0540554	9.40E-03	1.78E-01	1.37E-01	3.37E-03	6.36E-02	4.90E-02
1933	475209.97, 3848140.24	1.42811	27.0762	20.8544	0.004029	0.0763875	0.0588347	1.02E-02	1.93E-01	1.49E-01	3.66E-03	6.93E-02	5.34E-02
1934	475209.97, 3848190.24	1.55024	29.4113	22.4781	0.0043735	0.0829754	0.0634154	1.11E-02	2.10E-01	1.61E-01	3.97E-03	7.53E-02	5.75E-02
1935	475259.97, 3847790.24	0.79633	14.4341	11.3744	0.0022466	0.0407216	0.0320897	5.69E-03	1.03E-01	8.13E-02	2.04E-03	3.69E-02	2.91E-02
1936	475259.97, 3847840.24	0.85314	15.8317	12.192	0.0024069	0.0446645	0.0343961	6.09E-03	1.13E-01	8.71E-02	2.18E-03	4.05E-02	3.12E-02
1937	475259.97, 3847890.24	0.92596	17.3501	13.3728	0.0026123	0.0489482	0.0377275	6.61E-03	1.24E-01	9.55E-02	2.37E-03	4.44E-02	3.42E-02
1938	475259.97, 3847940.24	0.9818	18.2702	13.7874	0.0027699	0.0515441	0.038897	7.01E-03	1.31E-01	9.85E-02	2.51E-03	4.68E-02	3.53E-02
1939	475259.97, 3847990.24	1.04467	19.177	14.5384	0.0029472	0.0541022	0.041016	7.46E-03	1.37E-01	1.04E-01	2.67E-03	4.91E-02	3.72E-02
1940	475259.97, 3848040.24	1.1449	21.3355	16.5331	0.00323	0.0601919	0.0466434	8.18E-03	1.52E-01	1.18E-01	2.93E-03	5.46E-02	4.23E-02
1941	475259.97, 3848090.24	1.25999	23.8434	18.4377	0.0035547	0.0672671	0.0520164	9.00E-03	1.70E-01	1.32E-01	3.23E-03	6.10E-02	4.72E-02
1942	475259.97, 3848140.24	1.37855	26.1991	20.288	0.0038892	0.0739132	0.0572366	9.85E-03	1.87E-01	1.45E-01	3.53E-03	6.71E-02	5.19E-02
1943	475259.97, 3848190.24	1.4866	28.2303	21.8562	0.004194	0.0796435	0.0616607	1.06E-02	2.02E-01	1.56E-01	3.81E-03	7.23E-02	5.59E-02
1944	475259.97, 3848240.24	1.61129	30.2848	22.7723	0.0045458	0.0854398	0.0642454	1.15E-02	2.16E-01	1.63E-01	4.12E-03	7.75E-02	5.83E-02
1945	475309.97, 3847840.24	0.80442	14.6415	11.2655	0.0022694	0.0413067	0.0317824	5.75E-03	1.05E-01	8.05E-02	2.06E-03	3.75E-02	2.88E-02
1946	475309.97, 3847890.24	0.87659	16.2386	12.5143	0.002473	0.0458124	0.0353054	6.26E-03	1.16E-01	8.94E-02	2.24E-03	4.16E-02	3.20E-02
1947	475309.97, 3847940.24	0.9104	16.4299	12.4028	0.0025684	0.0463522	0.0349909	6.50E-03	1.17E-01	8.86E-02	2.33E-03	4.21E-02	3.17E-02
1948	475309.97, 3847990.24	0.96856	17.3336	13.079	0.0027325	0.0489018	0.0368985	6.92E-03	1.24E-01	9.34E-02	2.48E-03	4.44E-02	3.35E-02
1949	475309.97, 3848040.24	1.07623	19.9602	15.3398	0.0030363	0.0563118	0.0432766	7.69E-03	1.43E-01	1.10E-01	2.75E-03	5.11E-02	3.93E-02
1950	475309.97, 3848090.24	1.19617	22.6158	17.5163	0.0033746	0.0638038	0.049417	8.55E-03	1.62E-01	1.25E-01	3.06E-03	5.79E-02	4.48E-02
1951	475309.97, 3848140.24	1.31509	25.0829	19.4178	0.0037101	0.0707641	0.0547816	9.39E-03	1.79E-01	1.39E-01	3.37E-03	6.42E-02	4.97E-02
1952	475309.97, 3848190.24	1.42852	27.0562	20.8454	0.0040302	0.0763311	0.0588093	1.02E-02	1.93E-01	1.49E-01	3.66E-03	6.93E-02	5.34E-02
1953	475309.97, 3848240.24	1.53774	28.9875	22.0111	0.0043383	0.0817798	0.062098	1.10E-02	2.07E-01	1.57E-01	3.94E-03	7.42E-02	5.63E-02
1954	475309.97, 3848290.24	1.65259	30.3074	22.7078	0.0046623	0.0855035	0.0640635	1.18E-02	2.17E-01	1.62E-01	4.23E-03	7.76E-02	5.81E-02
1955	475359.97, 3847890.24	0.82859	15.0781	11.6206	0.0023376	0.0425385	0.032784	5.92E-03	1.08E-01	8.30E-02	2.12E-03	3.86E-02	2.97E-02
1956	475359.97, 3847940.24	0.85771	15.1371	11.3659	0.0024198	0.042705	0.0320656	6.13E-03	1.08E-01	8.12E-02	2.20E-03	3.87E-02	2.91E-02
1957	475359.97, 3847990.24	0.91889	16.2638	12.3391	0.0025924	0.0458835	0.0348111	6.56E-03	1.16E-01	8.81E-02	2.35E-03	4.16E-02	3.16E-02
1958	475359.97, 3848040.24	1.01687	18.7374	14.2708	0.0028688	0.0528621	0.0402609	7.26E-03	1.34E-01	1.02E-01	2.60E-03	4.80E-02	3.65E-02
1959	475359.97, 3848090.24	1.12454	21.2186	16.3587	0.0031726	0.0598621	0.0461513	8.03E-03	1.52E-01	1.17E-01	2.88E-03	5.43E-02	4.19E-02
1960	475359.97, 3848140.24	1.24379	23.8804	18.5016	0.003509	0.0673715	0.0521968	8.89E-03	1.71E-01	1.32E-01	3.18E-03	6.11E-02	4.74E-02
1961	475359.97, 3848190.24	1.34907	25.8872	19.8715	0.003806	0.0730332	0.0560616	9.64E-03	1.85E-01	1.42E-01	3.45E-03	6.63E-02	5.09E-02
1962	475359.97, 3848240.24	1.4574	27.7702	21.1098	0.0041116	0.0783454	0.0595551	1.04E-02	1.98E-01	1.51E-01	3.73E-03	7.11E-02	5.40E-02
1963	475409.97, 3847940.24	0.82224	14.4339	10.874	0.0023197	0.040721	0.0306777	5.87E-03	1.03E-01	7.77E-02	2.10E-03	3.69E-02	2.78E-02
1964	475409.97, 3847990.24	0.87574	15.4136	11.7494	0.0024706	0.043485	0.0331474	6.26E-03	1.10E-01	8.39E-02	2.24E-03	3.95E-02	3.01E-02
1965	475409.97, 3848040.24	0.97057	17.8628	13.5531	0.0027382	0.0503947	0.0382361	6.93E-03	1.28E-01	9.68E-02	2.48E-03	4.57E-02	3.47E-02
1966	475409.97, 3848090.24	1.06956	20.1479	15.4214	0.0030175	0.0568415	0.0435069	7.64E-03	1.44E-01	1.10E-01	2.74E-03	5.16E-02	3.95E-02
1967	475409.97, 3848140.24	1.16679	22.4696	17.207	0.0032918	0.0633915	0.0485445	8.34E-03	1.61E-01	1.23E-01	2.99E-03	5.75E-02	4.40E-02
1968	475409.97, 3848190.24	1.26876	24.618	18.9216	0.0035794	0.0694524	0.0533817	9.06E-03	1.76E-01	1.35E-01	3.25E-03	6.30E-02	4.84E-02
1969	475459.97, 3848040.24	0.9162	16.6237	12.5501	0.0025848	0.046899	0.0354065	6.55E-03	1.19E-01	8.97E-02	2.35E-03	4.26E-02	3.21E-02
1970	475459.97, 3848090.24	1.00232	18.6816	14.3387	0.0028278	0.0527047	0.0404525	7.16E-03	1.33E-01	1.02E-01	2.57E-03	4.78E-02	3.67E-02
1971	475459.97, 3848140.24	1.09032	20.9091	15.9127	0.003076	0.0589888	0.0448931	7.79E-03	1.49E-01	1.14E-01	2.79E-03	5.35E-02	4.07E-02
1972	475509.97, 3848090.24	0.93691	17.1328	13.228	0.0026432	0.0483351	0.0373189	6.69E-03	1.22E-01	9.45E-02	2.40E-03	4.39E-02	3.39E-02
1973	475837.85, 3848791.56	2.03877	28.4872	25.2474	0.0057518	0.0803683	0.0712281	1.46E-02	2.04E-01	1.80E-01	5.22E-03	7.29E-02	6.46E-02
1974	475837.85, 3848841.56	2.25124	31.4121	27.5237	0.0063512	0.08862	0.07765	1.61E-02	2.24E-01	1.97E-01	5.76E-03	8.04E-02	7.05E-02
1975	475837.85, 3848891.56	2.52112	34.845	29.7519	0.0071126	0.0983049	0.0839364	1.80E-02	2.49E-01	2.13E-01	6.45E-03	8.92E-02	7.62E-02
1976	475887.85, 3848691.56	1.64382	24.5464	21.2542	0.0046376	0.0692506	0.0599626	1.17E-02	1.75E-01	1.52E-01	4.21E-03	6.28E-02	5.44E-02
1977	475887.85, 3848741.56	1.78725	25.9762	22.7023	0.0050422	0.0732844	0.0640479	1.28E-02	1.86E-01	1.62E-01	4.57E-03	6.65E-02	5.81E-02
1978	475887.85, 3848791.56	1.9461	27.3131	23.9509	0.0054904	0.077056	0.0675704	1.39E-02	1.95E-01	1.71E-01	4.98E-03	6.99E-02	6.13E-02
1979	475887.85, 3848841.56	2.14112	29.1841	25.9882	0.0060405	0.0823345	0.073318	1.53E-02	2.08E-01	1.86E-01	5.48E-03	7.47E-02	6.65E-02
1980	475887.85, 3848891.56	2.39949	32.6371	28.3867	0.0067695	0.092076	0.0800847	1.71E-02	2.33E-01	2.03E-01	6.14E-03	8.35E-02	7.27E-02
1981	475937.85, 3848591.56	1.3744	23.4301	19.2059	0.0038775	0.0661013	0.0541839	9.82E-03	1.67E-01	1.37E-01	3.52E-03	6.00E-02	4.92E-02
1982	475937.85, 3848641.56	1.47016	22.9614	20.0116	0.0041476	0.0647789	0.0564568	1.05E-02	1.64E-01	1.43E-01	3.76E-03	5.88E-02	5.12E-02
1983	475937.85, 3848691.56	1.57098	23.3143	20.5773	0.0044321	0.0657745	0.0580527	1.12E-02	1.67E-01	1.47E-01	4.02E-03	5.97E-02	5.27E-02
1984	475937.85, 3848741.56	1.71006	24.8169	21.7059	0.0048244	0.0700137	0.0612369	1.22E-02	1.77E-01	1.55E-01	4.38E-03	6.35E-02	5.56E-02
1985	475937.85, 3848791.56	1.85677	26.2249	23.2138	0.0052383	0.0739858	0.0654909	1.33E-02	1.87E-01	1.66E-01	4.75E-03	6.71E-02	5.94E-02
1986	475937.85, 3848841.56	2.04813	27.84	24.8047	0.0057782	0.0785425	0.0699791	1.46E-02	1.99E-01	1.77E-01	5.24E-03	7.13E-02	6.35E-02
1987	475937.85, 3848891.56	2.30455	31.332	27.6081	0.0065016	0.0883942	0.0778883	1.65E-02	2.24E-01	1.97E-01	5.90E-03	8.02E-02	7.07E-02
1988	475987.85, 3848591.56	1.31143	23.1495	18.7641	0.0036998	0.0653096	0.0529374	9.37E-03	1.65E-01	1.34E-01	3.36E-03	5.93E-02	4.80E-02
1989	475987.85, 3848641.56	1.40972	22.9979	19.4185	0.0039771	0.0648818	0.0547837	1.01E-02	1.64E-01	1.39E-01	3.61E-03	5.89E-02	4.97E-02
1990	475987.85, 3848691.56	1.51177	22.5212	19.8917	0.004265	0.0635369	0.0561187	1.08E-02	1.61E-01	1.42E-01	3.87E-03	5.76E-02	5.09E-02
1991	475987.85, 3848741.56	1.61856	23.6615	20.9869	0.0045663	0.0667541	0.0592085	1.16E-02	1.69E-01	1.50E-01	4.14E-03	6.06E-02	5.37E-02
1992	475987.85, 3848791.56	1.77637	25.1526	22.3071	0.0050115	0.0709608	0.0629331	1.27E-02	1.80E-01	1.59E-01	4.55E-03	6.44E-02	5.71E-02
1993	476037.85, 3848591.56	1.25414	22.5908	18.1627	0.0035382	0.0637334	0.0512408	8.96E-03	1.61E-01	1.30E-01	3.21E-03	5.78E-02	4.65E-02
1994	476037.85, 3848641.56	1.34877	22.9406	18.8921	0.0038052	0.0647202	0.0532986	9.64E-03	1.64E-01	1.35E-01	3.45E-03	5.87E-02	4.84E-02
1995	473244.83, 3847557.25	2.74918	116.636	88.4371	0.007756	0.3290537	0.2494996	1.96E-02	8.33E-01	6.32E-01	7.04E-03	2.99E-01	2.26E-01

1996	473269.83, 3847582.25	2.68639	108.985	81.2325	0.0075789	0.3074695	0.2291736	1.92E-02	7.79E-01	5.80E-01	6.88E-03	2.79E-01	2.08E-01
1997	473269.83, 3847607.25	2.14725	88.1075	66.3992	0.0060578	0.2485695	0.1873259	1.53E-02	6.29E-01	4.74E-01	5.50E-03	2.26E-01	1.70E-01
1998	473269.83, 3847632.25	1.80827	72.5737	56.6973	0.0051015	0.2047455	0.1599548	1.29E-02	5.18E-01	4.05E-01	4.63E-03	1.86E-01	1.45E-01
1999	473269.83, 3847657.25	1.57171	62.4264	49.6288	0.0044341	0.1761179	0.1400131	1.12E-02	4.46E-01	3.55E-01	4.02E-03	1.60E-01	1.27E-01
2000	473269.83, 3847682.25	1.39641	55.4632	44.4241	0.0039396	0.1564731	0.1253296	9.98E-03	3.96E-01	3.17E-01	3.57E-03	1.42E-01	1.14E-01
2001	473269.83, 3847707.25	1.26849	51.2273	40.4095	0.0035787	0.1445229	0.1140035	9.06E-03	3.66E-01	2.89E-01	3.25E-03	1.31E-01	1.03E-01
2002	473269.83, 3847732.25	1.16251	48.0588	37.3694	0.0032797	0.1355837	0.1054269	8.30E-03	3.43E-01	2.67E-01	2.98E-03	1.23E-01	9.57E-02
2003	473269.83, 3847757.25	1.07486	45.474	34.6514	0.0030324	0.1282916	0.0977588	7.68E-03	3.25E-01	2.48E-01	2.75E-03	1.16E-01	8.87E-02
2004	473269.83, 3847782.25	1.00224	43.2119	32.643	0.0028275	0.1219098	0.0920926	7.16E-03	3.09E-01	2.33E-01	2.57E-03	1.11E-01	8.36E-02
2005	473269.83, 3847807.25	0.93891	40.9533	31.1274	0.0026489	0.1155378	0.0878168	6.71E-03	2.93E-01	2.22E-01	2.40E-03	1.05E-01	7.97E-02
2006	473269.83, 3847832.25	0.88838	39.1265	29.4322	0.0025063	0.1103841	0.0830343	6.35E-03	2.80E-01	2.10E-01	2.27E-03	1.00E-01	7.53E-02
2007	473269.83, 3847857.25	0.84321	37.6666	27.7227	0.0023789	0.1062653	0.0782114	6.02E-03	2.69E-01	1.98E-01	2.16E-03	9.64E-02	7.10E-02
2008	473269.83, 3847882.25	0.80241	36.3936	26.7459	0.0022638	0.1026739	0.0754557	5.73E-03	2.60E-01	1.91E-01	2.05E-03	9.32E-02	6.85E-02
2009	473269.83, 3847907.25	0.7653	35.6797	25.7435	0.0021591	0.1006597	0.0726276	5.47E-03	2.55E-01	1.84E-01	1.96E-03	9.13E-02	6.59E-02
2010	473269.83, 3847932.25	0.732	35.0879	24.6757	0.0020651	0.0989902	0.0696154	5.23E-03	2.51E-01	1.76E-01	1.87E-03	8.98E-02	6.32E-02
2011	473269.83, 3847957.25	0.70246	34.3547	23.7442	0.0019818	0.0969216	0.0669874	5.02E-03	2.45E-01	1.70E-01	1.80E-03	8.79E-02	6.08E-02
2012	473269.83, 3847982.25	0.67471	33.3879	23.0686	0.0019035	0.0941942	0.0650812	4.82E-03	2.39E-01	1.65E-01	1.73E-03	8.55E-02	5.91E-02
2013	473294.83, 3847607.25	2.56196	100.266	74.1085	0.0072278	0.2828713	0.2090754	1.83E-02	7.16E-01	5.29E-01	6.56E-03	2.57E-01	1.90E-01
2014	473294.83, 3847632.25	2.084	80.6587	61.8105	0.0058794	0.2275549	0.1743804	1.49E-02	5.76E-01	4.42E-01	5.33E-03	2.06E-01	1.58E-01
2015	473294.83, 3847657.25	1.76817	67.7329	53.3401	0.0049884	0.1910885	0.1504834	1.26E-02	4.84E-01	3.81E-01	4.53E-03	1.73E-01	1.37E-01
2016	473294.83, 3847682.25	1.5463	59.2807	47.3611	0.0043624	0.1672432	0.1336154	1.10E-02	4.23E-01	3.38E-01	3.96E-03	1.52E-01	1.21E-01
2017	473294.83, 3847707.25	1.38295	53.7172	42.3711	0.0039016	0.1515474	0.1195377	9.88E-03	3.84E-01	3.03E-01	3.54E-03	1.38E-01	1.08E-01
2018	473294.83, 3847732.25	1.25734	50.1915	38.9155	0.0035472	0.1416007	0.1097887	8.98E-03	3.59E-01	2.78E-01	3.22E-03	1.28E-01	9.96E-02
2019	473294.83, 3847757.25	1.15653	47.5218	36.2507	0.0032628	0.1340688	0.1022707	8.26E-03	3.39E-01	2.59E-01	2.96E-03	1.22E-01	9.28E-02
2020	473294.83, 3847782.25	1.07131	45.1055	33.9836	0.0030224	0.1272521	0.0958747	7.65E-03	3.22E-01	2.43E-01	2.74E-03	1.15E-01	8.70E-02
2021	473294.83, 3847807.25	0.99535	42.6342	32.0214	0.0028081	0.12028	0.0903391	7.11E-03	3.05E-01	2.29E-01	2.55E-03	1.09E-01	8.20E-02
2022	473294.83, 3847832.25	0.93595	40.4922	30.6131	0.0026405	0.114237	0.0863658	6.69E-03	2.89E-01	2.19E-01	2.40E-03	1.04E-01	7.84E-02
2023	473294.83, 3847857.25	0.88555	38.8712	28.8579	0.0024983	0.1096636	0.081414	6.33E-03	2.78E-01	2.06E-01	2.27E-03	9.95E-02	7.39E-02
2024	473294.83, 3847882.25	0.84066	37.4441	27.3881	0.0023717	0.1056376	0.0772675	6.01E-03	2.67E-01	1.96E-01	2.15E-03	9.58E-02	7.01E-02
2025	473294.83, 3847907.25	0.80023	36.3555	26.3361	0.0022576	0.1025663	0.0742995	5.72E-03	2.60E-01	1.88E-01	2.05E-03	9.31E-02	6.74E-02
2026	473294.83, 3847932.25	0.76457	35.8305	25.3339	0.002157	0.1010853	0.0714722	5.46E-03	2.56E-01	1.81E-01	1.96E-03	9.17E-02	6.48E-02
2027	473294.83, 3847957.25	0.73202	35.1679	24.3693	0.0020652	0.0992159	0.0687509	5.23E-03	2.51E-01	1.74E-01	1.87E-03	9.00E-02	6.24E-02
2028	473294.83, 3847982.25	0.70195	34.2936	23.5965	0.0019803	0.0967493	0.0665705	5.01E-03	2.45E-01	1.69E-01	1.80E-03	8.78E-02	6.04E-02
2029	473294.83, 3848007.25	0.67334	33.1576	22.7573	0.0018996	0.0935445	0.064203	4.81E-03	2.37E-01	1.63E-01	1.72E-03	8.49E-02	5.83E-02
2030	473319.83, 3847607.25	3.1768	112.59	85.1619	0.0089624	0.3176392	0.2402594	2.27E-02	8.04E-01	6.08E-01	8.13E-03	2.88E-01	2.18E-01
2031	473319.83, 3847632.25	2.44046	91.2508	68.2654	0.006885	0.2574375	0.192591	1.74E-02	6.52E-01	4.88E-01	6.25E-03	2.34E-01	1.75E-01
2032	473319.83, 3847657.25	1.9976	73.4406	57.3905	0.0056356	0.2071912	0.1619105	1.43E-02	5.25E-01	4.10E-01	5.11E-03	1.88E-01	1.47E-01
2033	473319.83, 3847682.25	1.71595	63.2859	50.1617	0.0048411	0.1785426	0.1415167	1.23E-02	4.52E-01	3.58E-01	4.39E-03	1.62E-01	1.28E-01
2034	473319.83, 3847707.25	1.51506	56.7071	44.6777	0.0042743	0.1599824	0.1260451	1.08E-02	4.05E-01	3.19E-01	3.88E-03	1.45E-01	1.14E-01
2035	473319.83, 3847732.25	1.36284	52.4325	40.5575	0.0038449	0.147923	0.1144212	9.74E-03	3.75E-01	2.90E-01	3.49E-03	1.34E-01	1.04E-01
2036	473319.83, 3847757.25	1.24165	49.359	37.6224	0.003503	0.1392519	0.1061406	8.87E-03	3.53E-01	2.69E-01	3.18E-03	1.26E-01	9.63E-02
2037	473319.83, 3847782.25	1.14159	46.7549	35.0038	0.0032207	0.1319052	0.0987529	8.16E-03	3.34E-01	2.50E-01	2.92E-03	1.20E-01	8.96E-02
2038	473319.83, 3847807.25	1.05838	44.4092	33.1261	0.0029859	0.1252876	0.0934555	7.56E-03	3.17E-01	2.37E-01	2.71E-03	1.14E-01	8.48E-02
2039	473319.83, 3847832.25	0.99304	42.3737	31.6795	0.0028016	0.119545	0.0893744	7.09E-03	3.03E-01	2.26E-01	2.54E-03	1.08E-01	8.11E-02
2040	473319.83, 3847857.25	0.93246	40.1358	30.2041	0.0026307	0.1132316	0.0852121	6.66E-03	2.87E-01	2.16E-01	2.39E-03	1.03E-01	7.73E-02
2041	473319.83, 3847882.25	0.88084	38.5823	28.3636	0.002485	0.1088488	0.0800197	6.29E-03	2.76E-01	2.03E-01	2.25E-03	9.88E-02	7.26E-02
2042	473319.83, 3847907.25	0.83747	37.2926	26.9392	0.0023627	0.1052103	0.0760011	5.98E-03	2.66E-01	1.92E-01	2.14E-03	9.55E-02	6.90E-02
2043	473319.83, 3847932.25	0.79836	36.5213	26.019	0.0022523	0.1030341	0.0734051	5.70E-03	2.61E-01	1.86E-01	2.04E-03	9.35E-02	6.66E-02
2044	473319.83, 3847957.25	0.76276	35.9346	24.9556	0.0021519	0.1013788	0.0704049	5.45E-03	2.57E-01	1.78E-01	1.95E-03	9.20E-02	6.39E-02
2045	473319.83, 3847982.25	0.73084	35.1765	24.0926	0.0020619	0.0992402	0.0679702	5.22E-03	2.51E-01	1.72E-01	1.87E-03	9.00E-02	6.17E-02
2046	473319.83, 3848007.25	0.70031	34.1483	23.3899	0.0019757	0.0963393	0.0659879	5.00E-03	2.44E-01	1.67E-01	1.79E-03	8.74E-02	5.99E-02
2047	473344.83, 3847632.25	2.95916	105.121	78.6954	0.0083484	0.2965689	0.2220162	2.11E-02	7.51E-01	5.62E-01	7.57E-03	2.69E-01	2.01E-01
2048	473344.83, 3847657.25	2.29739	81.5416	62.5462	0.0064814	0.2300457	0.1764559	1.64E-02	5.83E-01	4.47E-01	5.88E-03	2.09E-01	1.60E-01
2049	473344.83, 3847682.25	1.9299	68.9291	54.1742	0.0054446	0.1944633	0.1528368	1.38E-02	4.92E-01	3.87E-01	4.94E-03	1.76E-01	1.39E-01
2050	473344.83, 3847707.25	1.67888	60.9803	48.0556	0.0047365	0.1720382	0.1355749	1.20E-02	4.36E-01	3.43E-01	4.30E-03	1.56E-01	1.23E-01
2051	473344.83, 3847732.25	1.48911	55.3355	42.9094	0.0042011	0.156113	0.1210564	1.06E-02	3.95E-01	3.07E-01	3.81E-03	1.42E-01	1.10E-01
2052	473344.83, 3847757.25	1.3406	51.5282	39.3016	0.0037821	0.1453717	0.1108779	9.58E-03	3.68E-01	2.81E-01	3.43E-03	1.32E-01	1.01E-01
2053	473344.83, 3847782.25	1.22353	48.6805	36.336	0.0034518	0.1373378	0.1025114	8.74E-03	3.48E-01	2.60E-01	3.13E-03	1.25E-01	9.30E-02
2054	473344.83, 3847807.25	1.1329	46.5096	34.3876	0.0031961	0.1312131	0.0970145	8.09E-03	3.32E-01	2.46E-01	2.90E-03	1.19E-01	8.80E-02
2055	473344.83, 3847832.25	1.05445	44.2597	32.8341	0.0029748	0.1248657	0.0926318	7.53E-03	3.16E-01	2.35E-01	2.70E-03	1.13E-01	8.40E-02
2056	473344.83, 3847857.25	0.98479	41.8656	31.1438	0.0027783	0.1181117	0.0878631	7.04E-03	2.99E-01	2.22E-01	2.52E-03	1.07E-01	7.97E-02
2057	473344.83, 3847882.25	0.92562	39.8669	29.4544	0.0026114	0.1124728	0.0830971	6.61E-03	2.85E-01	2.10E-01	2.37E-03	1.02E-01	7.54E-02
2058	473344.83, 3847907.25	0.87585	38.3343	27.8095	0.002471	0.1081489	0.0784564	6.26E-03	2.74E-01	1.99E-01	2.24E-03	9.81E-02	7.12E-02
2059	473344.83, 3847932.25	0.83242	37.1944	26.5648	0.0023484	0.1049332	0.0749447	5.95E-03	2.66E-01	1.90E-01	2.13E-03	9.52E-02	6.80E-02
2060	473344.83, 3847957.25	0.79346	36.598	25.5292	0.0022385	0.1032505	0.0720232	5.67E-03	2.61E-01	1.82E-01	2.03E-03	9.37E-02	6.53E-02
2061	473344.83, 3847982.25	0.75837	35.9172	24.5622	0.0021395	0.1013298	0.0692952	5.42E-03	2.57E-01	1.75E-01	1.94E-03	9.19E-02	6.29E-02
2062	473344.83, 3848007.25	0.72627	35.0185	23.7117	0.002049	0.0987943	0.0668957	5.19E-03	2.50E-01	1.69E-01	1.86E-03	8.96E-02	6.07E-02
2063	473344.83, 3848032.25	0.69701	33.8842	22.9985	0.0019664	0.0955945	0.0648836	4.98E-03	2.42E-01	1.64E-01	1.78E-03	8.67E-02	5.89E-02
2064	473369.83, 3847632.25	3.70625	117.22	91.2986	0.0104561	0.3307011	0.2575723	2.65E-02	8.37E-01	6.52E-01	9.49E-03	3.00E-01	2.34E-01
2065	473369.83, 3847657.25	2.73519	95.7619	71.2	0.0077165	0.2701642	0.2008699	1.95E-02	6.84E-01	5.09E-01	7.00E-03	2.45E-01	1.82E-01
2066	473369.83, 3847682.25	2.2166	77.6001	60.0073	0.0062535	0.218926	0.1692931	1.58E-02	5.54E-01	4.29E-01	5.67E-03	1.99E-01	1.54E-01
2067	473369.83, 3847707.25	1.88222	66.563	52.3397	0.0053101	0.187788	0.1476611	1.34E-02	4.76E-01	3.74E-01	4.82E-03	1.70E-01	1.34E-01
2068	473369.83, 3847732.25	1.63818	59.0621	45.7113	0.0046216	0.1666265	0.1289611	1.17E-02	4.22E-01	3.27E-01	4.19E-03	1.51E-01	1.17E-01
2069	473369.83, 3847757.25	1.45463	54.0126	41.1427	0.0041038	0.1523809	0.1160721	1.04E-02	3.86E-01	2.94E-01	3.72E-03	1.38E-01	1.05E-01
2070	473369.83, 3847782.25	1.31427	50.6645	37.8154	0.0037078	0.1429351	0.1066851	9.39E-03	3.62E-01	2.70E-01	3.36E-03	1.30E-01	9.68E-02
2071	473369.83, 3847807.25	1.20676	48.263	35.5425	0.0034045	0.1361599	0.1002727	8.62E-03	3.45E-01	2.54E-01	3.09E-03	1.24E-01	9.10E-02
2072	473369.83, 3847832.25	1.11762	46.0081	33.7957	0.003153	0.1297984	0.0953446	7.98E-03	3.29E-01	2.41E-01	2.86E-03	1.18E-01	8.65E-02
2073	473369.83, 3847857.25	1.04115	43.6976	32.0466	0.0029373	0.1232801	0.0904101	7.44E-03	3.12E-01	2.29E-01	2.67E-03	1.12E-01	8.20E-02
2074	473369.83, 3847882.25	0.97585	41.3324	30.5845	0.0027531	0.1166072	0.0862851	6.97E-03	2.95E-01	2.18E-01	2.50E-03	1.06E-01	7.83E-02
2075	473369.83, 3847907.25	0.9192	39.6405	28.9673	0.0025933	0.1118341	0.0817229	6.57E-03	2.83E-01	2.07E-01	2.35E-03	1.01E-01	7.42E-02

2076	473369.83, 3847932.25	0.86868	38.1271	27.2377	0.0024507	0.1075643	0.0768432	6.21E-03	2.72E-01	1.95E-01	2.22E-03	9.76E-02	6.97E-02
2077	473369.83, 3847957.25	0.82957	37.3655	26.1588	0.0023404	0.105416	0.0737994	5.93E-03	2.67E-01	1.87E-01	2.12E-03	9.56E-02	6.70E-02
2078	473369.83, 3847982.25	0.79087	36.7455	25.0791	0.0022312	0.1036666	0.0707532	5.65E-03	2.63E-01	1.79E-01	2.02E-03	9.41E-02	6.42E-02
2079	473369.83, 3848007.25	0.75571	35.926	24.2231	0.002132	0.1013546	0.0683385	5.40E-03	2.57E-01	1.73E-01	1.93E-03	9.20E-02	6.20E-02
2080	473369.83, 3848032.25	0.72446	34.9051	23.5797	0.0020439	0.0984746	0.0665233	5.18E-03	2.49E-01	1.68E-01	1.85E-03	8.93E-02	6.04E-02
2081	473394.83, 3847657.25	3.33379	109.13	82.8999	0.0094053	0.3078781	0.2338779	2.38E-02	7.80E-01	5.92E-01	8.53E-03	2.79E-01	2.12E-01
2082	473394.83, 3847682.25	2.59132	88.9857	67.2403	0.0073107	0.2510472	0.189699	1.85E-02	6.36E-01	4.80E-01	6.63E-03	2.28E-01	1.72E-01
2083	473394.83, 3847707.25	2.11635	72.5323	56.6602	0.0059707	0.2046288	0.1598503	1.51E-02	5.18E-01	4.05E-01	5.42E-03	1.86E-01	1.45E-01
2084	473394.83, 3847732.25	1.80499	62.9291	48.7215	0.0050923	0.1775359	0.1374535	1.29E-02	4.50E-01	3.48E-01	4.62E-03	1.61E-01	1.25E-01
2085	473394.83, 3847757.25	1.58503	56.9278	43.2625	0.0044717	0.1606051	0.1220525	1.13E-02	4.07E-01	3.09E-01	4.06E-03	1.46E-01	1.11E-01
2086	473394.83, 3847782.25	1.41977	52.9724	39.6146	0.0040055	0.1494461	0.1117609	1.01E-02	3.78E-01	2.83E-01	3.63E-03	1.36E-01	1.01E-01
2087	473394.83, 3847807.25	1.28712	49.939	36.5335	0.0036312	0.1408883	0.1030686	9.19E-03	3.57E-01	2.61E-01	3.29E-03	1.28E-01	9.35E-02
2088	473394.83, 3847832.25	1.18701	47.7716	34.8838	0.0033488	0.1347736	0.0984143	8.48E-03	3.41E-01	2.49E-01	3.04E-03	1.22E-01	8.93E-02
2089	473394.83, 3847857.25	1.10155	45.5108	33.1076	0.0031077	0.1283955	0.0934035	7.87E-03	3.25E-01	2.37E-01	2.82E-03	1.16E-01	8.47E-02
2090	473394.83, 3847882.25	1.02964	43.2182	31.3601	0.0029048	0.1219274	0.0884733	7.36E-03	3.09E-01	2.24E-01	2.64E-03	1.11E-01	8.03E-02
2091	473394.83, 3847907.25	0.96705	41.0456	29.8841	0.0027282	0.1157981	0.0843092	6.91E-03	2.93E-01	2.13E-01	2.48E-03	1.05E-01	7.65E-02
2092	473394.83, 3847932.25	0.90943	39.2726	28.2254	0.0025657	0.1107961	0.0796297	6.50E-03	2.81E-01	2.02E-01	2.33E-03	1.01E-01	7.23E-02
2093	473394.83, 3847957.25	0.86375	38.0793	26.7408	0.0024368	0.1074295	0.0754414	6.17E-03	2.72E-01	1.91E-01	2.21E-03	9.75E-02	6.85E-02
2094	473394.83, 3847982.25	0.82487	37.5302	25.666	0.0023271	0.1058804	0.072409	5.89E-03	2.68E-01	1.83E-01	2.11E-03	9.61E-02	6.57E-02
2095	473394.83, 3848007.25	0.78675	36.7993	24.6996	0.0022196	0.1038184	0.0696826	5.62E-03	2.63E-01	1.76E-01	2.01E-03	9.42E-02	6.32E-02
2096	473394.83, 3848032.25	0.75158	35.8276	23.9828	0.0021204	0.1010772	0.0676603	5.37E-03	2.56E-01	1.71E-01	1.92E-03	9.17E-02	6.14E-02
2097	473394.83, 3848057.25	0.721	34.6638	23.3211	0.0020341	0.0977938	0.0657937	5.15E-03	2.48E-01	1.67E-01	1.85E-03	8.87E-02	5.97E-02
2098	473419.83, 3847682.25	3.05107	101.186	75.3604	0.0086077	0.2854658	0.2126074	2.18E-02	7.23E-01	5.38E-01	7.81E-03	2.59E-01	1.93E-01
2099	473419.83, 3847707.25	2.41057	80.4347	61.889	0.0068007	0.2269231	0.1746018	1.72E-02	5.75E-01	4.42E-01	6.17E-03	2.06E-01	1.58E-01
2100	473419.83, 3847732.25	2.01468	68.1883	52.7819	0.0056838	0.1923732	0.1489088	1.44E-02	4.87E-01	3.77E-01	5.16E-03	1.75E-01	1.35E-01
2101	473419.83, 3847757.25	1.74096	60.6728	45.9922	0.0049116	0.1711706	0.1297535	1.24E-02	4.33E-01	3.29E-01	4.46E-03	1.55E-01	1.18E-01
2102	473419.83, 3847782.25	1.53809	55.4508	41.6755	0.0043393	0.1564381	0.1175753	1.10E-02	3.96E-01	2.98E-01	3.94E-03	1.42E-01	1.07E-01
2103	473419.83, 3847807.25	1.38135	51.8916	37.9087	0.0038971	0.1463969	0.1069482	9.87E-03	3.71E-01	2.71E-01	3.54E-03	1.33E-01	9.70E-02
2104	473419.83, 3847832.25	1.26576	49.6576	36.0028	0.003571	0.1400945	0.1015713	9.04E-03	3.55E-01	2.57E-01	3.24E-03	1.27E-01	9.22E-02
2105	473419.83, 3847857.25	1.16748	47.3284	34.1867	0.0032937	0.1335233	0.0964478	8.34E-03	3.38E-01	2.44E-01	2.99E-03	1.21E-01	8.75E-02
2106	473419.83, 3847882.25	1.08439	44.9634	32.2583	0.0030593	0.1268512	0.0910073	7.75E-03	3.21E-01	2.30E-01	2.78E-03	1.15E-01	8.26E-02
2107	473419.83, 3847907.25	1.01435	42.5551	30.8002	0.0028617	0.1200568	0.0868938	7.25E-03	3.04E-01	2.20E-01	2.60E-03	1.09E-01	7.88E-02
2108	473419.83, 3847932.25	0.95447	40.6828	29.0717	0.0026928	0.1147747	0.0820173	6.82E-03	2.91E-01	2.08E-01	2.44E-03	1.04E-01	7.44E-02
2109	473419.83, 3847957.25	0.90258	39.1653	27.4763	0.0025464	0.1104933	0.0775164	6.45E-03	2.80E-01	1.96E-01	2.31E-03	1.00E-01	7.03E-02
2110	473419.83, 3847982.25	0.85821	38.1835	26.1922	0.0024212	0.1077237	0.0738935	6.13E-03	2.73E-01	1.87E-01	2.20E-03	9.77E-02	6.70E-02
2111	473419.83, 3848007.25	0.81806	37.5845	25.2509	0.0023079	0.1060336	0.0712381	5.84E-03	2.68E-01	1.80E-01	2.09E-03	9.62E-02	6.46E-02
2112	473419.83, 3848032.25	0.78246	36.7982	24.5487	0.0022075	0.1038152	0.069257	5.59E-03	2.63E-01	1.75E-01	2.00E-03	9.42E-02	6.28E-02
2113	473419.83, 3848057.25	0.75045	35.7729	23.8655	0.0021172	0.1009227	0.0673295	5.36E-03	2.56E-01	1.70E-01	1.92E-03	9.16E-02	6.11E-02
2114	473444.83, 3847682.25	3.69255	112.535	86.6857	0.0104175	0.3174838	0.2445585	2.64E-02	8.04E-01	6.19E-01	9.45E-03	2.88E-01	2.22E-01
2115	473444.83, 3847707.25	2.85922	93.6885	70.7019	0.0080665	0.2643148	0.1994647	2.04E-02	6.69E-01	5.05E-01	7.32E-03	2.40E-01	1.81E-01
2116	473444.83, 3847732.25	2.31014	76.858	59.469	0.0065174	0.2168323	0.1677744	1.65E-02	5.49E-01	4.25E-01	5.91E-03	1.97E-01	1.52E-01
2117	473444.83, 3847757.25	1.93915	65.8047	50.034	0.0054707	0.1856486	0.1411562	1.39E-02	4.70E-01	3.57E-01	4.96E-03	1.68E-01	1.28E-01
2118	473444.83, 3847782.25	1.68037	58.8528	43.9664	0.0047407	0.1660359	0.1240383	1.20E-02	4.20E-01	3.14E-01	4.30E-03	1.51E-01	1.13E-01
2119	473444.83, 3847807.25	1.49285	54.2673	39.8617	0.0042116	0.1530994	0.112458	1.07E-02	3.88E-01	2.85E-01	3.82E-03	1.39E-01	1.02E-01
2120	473444.83, 3847832.25	1.35146	51.4565	37.0323	0.0038127	0.1451694	0.1044759	9.65E-03	3.68E-01	2.65E-01	3.46E-03	1.32E-01	9.48E-02
2121	473444.83, 3847857.25	1.23891	49.0866	35.0559	0.0034952	0.1384834	0.0989	8.85E-03	3.51E-01	2.50E-01	3.17E-03	1.26E-01	8.97E-02
2122	473444.83, 3847882.25	1.14655	46.8091	33.3708	0.0032347	0.1320582	0.094146	8.19E-03	3.34E-01	2.38E-01	2.93E-03	1.20E-01	8.54E-02
2123	473444.83, 3847907.25	1.0688	44.46	31.6391	0.0030153	0.1254308	0.0892604	7.64E-03	3.18E-01	2.26E-01	2.74E-03	1.14E-01	8.10E-02
2124	473444.83, 3847932.25	1.00187	42.0578	30.0213	0.0028265	0.1186537	0.0846962	7.16E-03	3.00E-01	2.14E-01	2.56E-03	1.08E-01	7.68E-02
2125	473444.83, 3847957.25	0.94466	40.4143	28.3639	0.0026651	0.1140171	0.0800204	6.75E-03	2.89E-01	2.03E-01	2.42E-03	1.03E-01	7.26E-02
2126	473444.83, 3847982.25	0.89525	39.055	26.9213	0.0025257	0.1101824	0.0759506	6.40E-03	2.79E-01	1.92E-01	2.29E-03	1.00E-01	6.89E-02
2127	473444.83, 3848007.25	0.85244	38.3847	25.8129	0.0024049	0.1082912	0.0728236	6.09E-03	2.74E-01	1.84E-01	2.18E-03	9.83E-02	6.61E-02
2128	473444.83, 3848032.25	0.8147	37.7247	25.0284	0.0022984	0.1064293	0.0706104	5.82E-03	2.69E-01	1.79E-01	2.09E-03	9.66E-02	6.41E-02
2129	473444.83, 3848057.25	0.7799	36.7973	24.3405	0.0022003	0.1038128	0.0686695	5.57E-03	2.63E-01	1.74E-01	2.00E-03	9.42E-02	6.23E-02
2130	473444.83, 3848082.25	0.74533	35.4992	23.6894	0.0021027	0.1001507	0.0668326	5.32E-03	2.54E-01	1.69E-01	1.91E-03	9.09E-02	6.06E-02
2131	473469.83, 3847707.25	3.35337	105.165	79.0006	0.0094606	0.2966919	0.2228772	2.40E-02	7.51E-01	5.64E-01	8.58E-03	2.69E-01	2.02E-01
2132	473469.83, 3847732.25	2.67551	86.667	66.4858	0.0075482	0.2445058	0.1875702	1.91E-02	6.19E-01	4.75E-01	6.85E-03	2.22E-01	1.70E-01
2133	473469.83, 3847757.25	2.20909	73.5016	56.1465	0.0062323	0.2073632	0.158401	1.58E-02	5.25E-01	4.01E-01	5.65E-03	1.88E-01	1.44E-01
2134	473469.83, 3847782.25	1.86145	63.6334	47.3045	0.0052515	0.1795232	0.1334558	1.33E-02	4.55E-01	3.38E-01	4.76E-03	1.63E-01	1.21E-01
2135	473469.83, 3847807.25	1.61434	56.8387	41.8371	0.0045544	0.1603538	0.1180311	1.15E-02	4.06E-01	2.99E-01	4.13E-03	1.45E-01	1.07E-01
2136	473469.83, 3847832.25	1.44908	53.3647	38.3776	0.0040882	0.1505529	0.1082711	1.04E-02	3.81E-01	2.74E-01	3.71E-03	1.37E-01	9.82E-02
2137	473469.83, 3847857.25	1.31794	50.8152	36.0183	0.0037182	0.1433603	0.101615	9.42E-03	3.63E-01	2.57E-01	3.37E-03	1.30E-01	9.22E-02
2138	473469.83, 3847882.25	1.21148	48.4708	34.2625	0.0034178	0.1367462	0.0966617	8.65E-03	3.46E-01	2.45E-01	3.10E-03	1.24E-01	8.77E-02
2139	473469.83, 3847907.25	1.12346	46.1444	32.6368	0.0031695	0.1301829	0.0920752	8.03E-03	3.30E-01	2.33E-01	2.88E-03	1.18E-01	8.35E-02
2140	473469.83, 3847932.25	1.04896	43.7117	30.9311	0.0029593	0.1233199	0.0872629	7.49E-03	3.12E-01	2.21E-01	2.69E-03	1.12E-01	7.92E-02
2141	473469.83, 3847957.25	0.98633	41.6734	29.333	0.0027826	0.1175693	0.0827544	7.05E-03	2.98E-01	2.10E-01	2.52E-03	1.07E-01	7.51E-02
2142	473469.83, 3847982.25	0.9318	40.0934	27.7363	0.0026288	0.1131118	0.07825	6.66E-03	2.86E-01	1.98E-01	2.39E-03	1.03E-01	7.10E-02
2143	473469.83, 3848007.25	0.88596	39.0369	26.4746	0.0024995	0.1101311	0.0746904	6.33E-03	2.79E-01	1.89E-01	2.27E-03	9.99E-02	6.78E-02
2144	473469.83, 3848032.25	0.84437	38.4541	25.6114	0.0023821	0.108487	0.0722552	6.03E-03	2.75E-01	1.83E-01	2.16E-03	9.84E-02	6.56E-02
2145	473469.83, 3848057.25	0.80402	37.5321	24.8144	0.0022683	0.1058857	0.0700066	5.74E-03	2.68E-01	1.77E-01	2.06E-03	9.61E-02	6.35E-02
2146	473469.83, 3848082.25	0.77039	36.4731	24.1272	0.0021734	0.1028982	0.068068	5.50E-03	2.61E-01	1.72E-01	1.97E-03	9.34E-02	6.18E-02
2147	473494.83, 3847707.25	4.1289	116.736	92.0386	0.0116485	0.3293352	0.2596599	2.95E-02	8.34E-01	6.58E-01	1.06E-02	2.99E-01	2.36E-01
2148	473494.83, 3847732.25	3.13253	98.5912	74.4903	0.0088375	0.2781463	0.2101527	2.24E-02	7.04E-01	5.32E-01	8.02E-03	2.52E-01	1.91E-01
2149	473494.83, 3847757.25	2.51968	81.2902	62.3485	0.0071085	0.2293365	0.175898	1.80E-02	5.81E-01	4.45E-01	6.45E-03	2.08E-01	1.60E-01
2150	473494.83, 3847782.25	2.08904	69.8354	51.9671	0.0058936	0.1970203	0.1466099	1.49E-02	4.99E-01	3.71E-01	5.35E-03	1.79E-01	1.33E-01
2151	473494.83, 3847807.25	1.76959	60.8544	44.503	0.0049924	0.1716829	0.1255521	1.26E-02	4.35E-01	3.18E-01	4.53E-03	1.56E-01	1.14E-01
2152	473494.83, 3847832.25	1.56523	55.9496	40.3289	0.0044158	0.1578454	0.1137761	1.12E-02	4.00E-01	2.88E-01	4.01E-03	1.43E-01	1.03E-01
2153	473494.83, 3847857.25	1.41127	52.8651	37.5265	0.0039815	0.1491434	0.1058702	1.01E-02	3.78E-01	2.68E-01	3.61E-03	1.35E-01	9.61E-02
2154	473494.83, 3847882.25	1.28866	50.4097	35.3866	0.0036356	0.1422161	0.099833	9.21E-03	3.60E-01	2.53E-01	3.30E-03	1.29E-01	9.06E-02
2155	473494.83, 3847907.25	1.1879	48.0252	33.6519	0.0033513	0.1354889	0.0949389	8.49E-03	3.43E-01	2.40E-01	3.04E-03	1.23E-01	8.61E-02

2156	473494.83, 3847932.25	1.10457	45.6348	31.8612	0.0031162	0.1287452	0.089887	7.89E-03	3.26E-01	2.28E-01	2.83E-03	1.17E-01	8.16E-02
2157	473494.83, 3847957.25	1.03431	43.1379	30.3416	0.002918	0.1217011	0.0856	7.39E-03	3.08E-01	2.17E-01	2.65E-03	1.10E-01	7.77E-02
2158	473494.83, 3847982.25	0.97357	41.3716	28.731	0.0027466	0.116718	0.0810562	6.95E-03	2.96E-01	2.05E-01	2.49E-03	1.06E-01	7.35E-02
2159	473494.83, 3848007.25	0.92252	39.9474	27.3015	0.0026026	0.1126998	0.0770231	6.59E-03	2.85E-01	1.95E-01	2.36E-03	1.02E-01	6.99E-02
2160	473494.83, 3848032.25	0.87693	39.1773	26.096	0.002474	0.1105274	0.0736221	6.26E-03	2.80E-01	1.86E-01	2.24E-03	1.00E-01	6.68E-02
2161	473494.83, 3848057.25	0.83399	38.3768	25.2893	0.0023529	0.1082689	0.0713464	5.96E-03	2.74E-01	1.81E-01	2.13E-03	9.82E-02	6.47E-02
2162	473494.83, 3848082.25	0.79725	37.4168	24.4744	0.0022492	0.1055604	0.0690475	5.70E-03	2.67E-01	1.75E-01	2.04E-03	9.58E-02	6.26E-02
2163	473494.83, 3848107.25	0.76592	36.2471	24.0418	0.0021608	0.1022606	0.0678269	5.47E-03	2.59E-01	1.72E-01	1.96E-03	9.28E-02	6.15E-02
2164	473519.83, 3847732.25	3.75195	109.858	84.8555	0.010585	0.3099318	0.2393949	2.68E-02	7.85E-01	6.06E-01	9.60E-03	2.81E-01	2.17E-01
2165	473519.83, 3847757.25	2.88615	90.4654	68.5639	0.0081424	0.2552217	0.1934331	2.06E-02	6.46E-01	4.90E-01	7.39E-03	2.32E-01	1.76E-01
2166	473519.83, 3847782.25	2.344	76.2289	56.9029	0.0066129	0.2150574	0.160535	1.67E-02	5.45E-01	4.07E-01	6.00E-03	1.95E-01	1.46E-01
2167	473519.83, 3847807.25	1.97147	66.6088	48.3363	0.0055619	0.1879173	0.1363668	1.41E-02	4.76E-01	3.45E-01	5.05E-03	1.71E-01	1.24E-01
2168	473519.83, 3847832.25	1.70186	59.3538	42.7108	0.0048013	0.1674495	0.1204959	1.22E-02	4.24E-01	3.05E-01	4.36E-03	1.52E-01	1.09E-01
2169	473519.83, 3847857.25	1.51737	55.0987	39.1918	0.0042808	0.1554448	0.1105682	1.08E-02	3.94E-01	2.80E-01	3.88E-03	1.41E-01	1.00E-01
2170	473519.83, 3847882.25	1.37538	52.4386	36.865	0.0038802	0.1479401	0.1040038	9.83E-03	3.75E-01	2.63E-01	3.52E-03	1.34E-01	9.44E-02
2171	473519.83, 3847907.25	1.26065	50.0118	34.6184	0.0035566	0.1410936	0.0976657	9.01E-03	3.57E-01	2.47E-01	3.23E-03	1.28E-01	8.86E-02
2172	473519.83, 3847932.25	1.1662	47.6059	32.8309	0.0032901	0.1343062	0.0926227	8.33E-03	3.40E-01	2.35E-01	2.99E-03	1.22E-01	8.40E-02
2173	473519.83, 3847957.25	1.0874	45.1305	31.2162	0.0030678	0.1273224	0.0880673	7.77E-03	3.22E-01	2.23E-01	2.78E-03	1.16E-01	7.99E-02
2174	473519.83, 3847982.25	1.02	42.8145	29.7308	0.0028776	0.1207887	0.0838769	7.29E-03	3.06E-01	2.12E-01	2.61E-03	1.10E-01	7.61E-02
2175	473519.83, 3848007.25	0.96202	41.1273	28.1822	0.0027141	0.1160288	0.0795077	6.87E-03	2.94E-01	2.01E-01	2.46E-03	1.05E-01	7.21E-02
2176	473519.83, 3848032.25	0.91174	39.8711	26.9699	0.0025722	0.1124846	0.0760876	6.51E-03	2.85E-01	1.93E-01	2.33E-03	1.02E-01	6.90E-02
2177	473519.83, 3848057.25	0.86736	39.2432	25.8759	0.002447	0.1107133	0.0730013	6.20E-03	2.80E-01	1.85E-01	2.22E-03	1.00E-01	6.62E-02
2178	473519.83, 3848082.25	0.82658	38.3508	25.1135	0.002332	0.1081957	0.0708503	5.90E-03	2.74E-01	1.79E-01	2.12E-03	9.82E-02	6.43E-02
2179	473519.83, 3848107.25	0.79062	37.224	24.456	0.0022305	0.1050165	0.0689954	5.65E-03	2.66E-01	1.75E-01	2.02E-03	9.53E-02	6.26E-02
2180	473544.83, 3847757.25	3.35027	101.957	75.7256	0.0094518	0.2876432	0.2136376	2.39E-02	7.28E-01	5.41E-01	8.58E-03	2.61E-01	1.94E-01
2181	473544.83, 3847782.25	2.66459	84.1102	62.7024	0.0075174	0.2372925	0.1768965	1.90E-02	6.01E-01	4.48E-01	6.82E-03	2.15E-01	1.61E-01
2182	473544.83, 3847807.25	2.21548	73.1711	52.9644	0.0062503	0.2064308	0.1494235	1.58E-02	5.23E-01	3.78E-01	5.67E-03	1.87E-01	1.36E-01
2183	473544.83, 3847832.25	1.87241	64.1724	45.9949	0.0052825	0.1810436	0.129761	1.34E-02	4.58E-01	3.29E-01	4.79E-03	1.64E-01	1.18E-01
2184	473544.83, 3847857.25	1.64177	58.2256	41.1777	0.0046318	0.1642664	0.1161707	1.17E-02	4.16E-01	2.94E-01	4.20E-03	1.49E-01	1.05E-01
2185	473544.83, 3847882.25	1.47255	54.5419	38.4392	0.0041544	0.153874	0.108445	1.05E-02	3.90E-01	2.75E-01	3.77E-03	1.40E-01	9.84E-02
2186	473544.83, 3847907.25	1.34095	52.0152	35.6952	0.0037831	0.1467458	0.1007037	9.58E-03	3.72E-01	2.55E-01	3.43E-03	1.33E-01	9.14E-02
2187	473544.83, 3847932.25	1.23292	49.5387	33.7707	0.0034783	0.1397591	0.0952743	8.81E-03	3.54E-01	2.41E-01	3.16E-03	1.27E-01	8.64E-02
2188	473544.83, 3847957.25	1.144	47.0684	32.1894	0.0032275	0.1327897	0.090813	8.17E-03	3.36E-01	2.30E-01	2.93E-03	1.20E-01	8.24E-02
2189	473544.83, 3847982.25	1.06976	44.5115	30.6852	0.003018	0.1255762	0.0865694	7.64E-03	3.18E-01	2.19E-01	2.74E-03	1.14E-01	7.85E-02
2190	473544.83, 3848007.25	1.00507	42.4973	29.0664	0.0028355	0.1198936	0.0820024	7.18E-03	3.04E-01	2.08E-01	2.57E-03	1.09E-01	7.44E-02
2191	473544.83, 3848032.25	0.94893	40.8814	27.6456	0.0026771	0.115335	0.0779941	6.78E-03	2.92E-01	1.97E-01	2.43E-03	1.05E-01	7.08E-02
2192	473544.83, 3848057.25	0.90056	39.9715	26.4403	0.0025407	0.1127678	0.0745937	6.43E-03	2.86E-01	1.89E-01	2.31E-03	1.02E-01	6.77E-02
2193	473544.83, 3848082.25	0.8559	39.1623	25.6822	0.0024147	0.110485	0.0724549	6.11E-03	2.80E-01	1.83E-01	2.19E-03	1.00E-01	6.57E-02
2194	473544.83, 3848107.25	0.81682	38.1453	24.8174	0.0023044	0.1076158	0.0700151	5.84E-03	2.73E-01	1.77E-01	2.09E-03	9.76E-02	6.35E-02
2195	473544.83, 3848132.25	0.7817	36.8408	24.3135	0.0022053	0.1039354	0.0685934	5.58E-03	2.63E-01	1.74E-01	2.00E-03	9.43E-02	6.22E-02
2196	473569.83, 3847757.25	4.0197	112.54	86.938	0.0113404	0.3174982	0.2452701	2.87E-02	8.04E-01	6.21E-01	1.03E-02	2.88E-01	2.23E-01
2197	473569.83, 3847782.25	3.06519	93.9118	69.4263	0.0086475	0.2649447	0.1958659	2.19E-02	6.71E-01	4.96E-01	7.85E-03	2.40E-01	1.78E-01
2198	473569.83, 3847807.25	2.47111	79.3475	57.1805	0.0069715	0.2238559	0.1613181	1.77E-02	5.67E-01	4.08E-01	6.33E-03	2.03E-01	1.46E-01
2199	473569.83, 3847832.25	2.08516	70.0984	49.94	0.0058827	0.1977621	0.1408912	1.49E-02	5.01E-01	3.57E-01	5.34E-03	1.79E-01	1.28E-01
2200	473569.83, 3847857.25	1.79228	62.4819	44.2261	0.0050564	0.1762744	0.1247709	1.28E-02	4.46E-01	3.16E-01	4.59E-03	1.60E-01	1.13E-01
2201	473569.83, 3847882.25	1.58502	57.2112	40.177	0.0044717	0.1614046	0.1133478	1.13E-02	4.09E-01	2.87E-01	4.06E-03	1.46E-01	1.03E-01
2202	473569.83, 3847907.25	1.43116	54.1141	37.3789	0.0040376	0.1526672	0.1054536	1.02E-02	3.87E-01	2.67E-01	3.66E-03	1.39E-01	9.57E-02
2203	473569.83, 3847932.25	1.30854	51.6003	34.7994	0.0036917	0.145575	0.0981763	9.35E-03	3.69E-01	2.49E-01	3.35E-03	1.32E-01	8.91E-02
2204	473569.83, 3847957.25	1.20623	49.0172	33.0689	0.003403	0.1382877	0.0932942	8.62E-03	3.50E-01	2.36E-01	3.09E-03	1.25E-01	8.46E-02
2205	473569.83, 3847982.25	1.12335	46.5074	31.5545	0.0031692	0.131207	0.0890218	8.02E-03	3.32E-01	2.25E-01	2.88E-03	1.19E-01	8.08E-02
2206	473569.83, 3848007.25	1.05231	43.9507	30.0685	0.0029688	0.1239939	0.0848296	7.52E-03	3.14E-01	2.15E-01	2.69E-03	1.13E-01	7.70E-02
2207	473569.83, 3848032.25	0.99054	42.1314	28.574	0.0027945	0.1188615	0.0806133	7.08E-03	3.01E-01	2.04E-01	2.54E-03	1.08E-01	7.31E-02
2208	473569.83, 3848057.25	0.93677	40.7492	27.3101	0.0026428	0.1149618	0.0770475	6.69E-03	2.91E-01	1.95E-01	2.40E-03	1.04E-01	6.99E-02
2209	473569.83, 3848082.25	0.8884	39.973	26.1222	0.0025064	0.1127722	0.0736962	6.35E-03	2.86E-01	1.87E-01	2.27E-03	1.02E-01	6.69E-02
2210	473569.83, 3848107.25	0.84585	39.0586	25.4158	0.0023863	0.1101925	0.0717033	6.04E-03	2.79E-01	1.82E-01	2.17E-03	1.00E-01	6.51E-02
2211	473569.83, 3848132.25	0.80795	37.8776	24.6635	0.0022794	0.1068605	0.0695808	5.77E-03	2.71E-01	1.76E-01	2.07E-03	9.70E-02	6.31E-02
2212	473594.83, 3847782.25	3.55615	104.9	77.1609	0.0100326	0.2959446	0.2176868	2.54E-02	7.49E-01	5.51E-01	9.10E-03	2.69E-01	1.98E-01
2213	473594.83, 3847807.25	2.79159	87.0434	62.2278	0.0078757	0.2455674	0.1755575	1.99E-02	6.22E-01	4.45E-01	7.15E-03	2.23E-01	1.59E-01
2214	473594.83, 3847832.25	2.31419	75.851	53.4138	0.0065288	0.2139914	0.1506914	1.65E-02	5.42E-01	3.82E-01	5.92E-03	1.94E-01	1.37E-01
2215	473594.83, 3847857.25	1.98455	68.0768	47.9137	0.0055988	0.1920588	0.1351744	1.42E-02	4.86E-01	3.42E-01	5.08E-03	1.74E-01	1.23E-01
2216	473594.83, 3847882.25	1.73098	61.5277	42.9023	0.0048835	0.1735824	0.1210363	1.24E-02	4.40E-01	3.06E-01	4.43E-03	1.57E-01	1.10E-01
2217	473594.83, 3847907.25	1.53698	56.6208	39.2609	0.0043361	0.159739	0.1107631	1.10E-02	4.04E-01	2.80E-01	3.93E-03	1.45E-01	1.00E-01
2218	473594.83, 3847932.25	1.39167	53.6625	36.2009	0.0039262	0.1513931	0.1021302	9.94E-03	3.83E-01	2.59E-01	3.56E-03	1.37E-01	9.27E-02
2219	473594.83, 3847957.25	1.27603	51.0501	34.0549	0.0035999	0.144023	0.096076	9.12E-03	3.65E-01	2.43E-01	3.27E-03	1.31E-01	8.72E-02
2220	473594.83, 3847982.25	1.18235	48.5298	32.5858	0.0033357	0.1369127	0.0919313	8.45E-03	3.47E-01	2.33E-01	3.03E-03	1.24E-01	8.34E-02
2221	473594.83, 3848007.25	1.1039	45.894	31.0005	0.0031143	0.1294765	0.0874588	7.89E-03	3.28E-01	2.21E-01	2.83E-03	1.17E-01	7.94E-02
2222	473594.83, 3848032.25	1.03657	43.6737	29.5755	0.0029244	0.1232126	0.0834387	7.41E-03	3.12E-01	2.11E-01	2.65E-03	1.12E-01	7.57E-02
2223	473594.83, 3848057.25	0.97782	41.9631	28.1629	0.0027586	0.1183866	0.0794535	6.99E-03	3.00E-01	2.01E-01	2.50E-03	1.07E-01	7.21E-02
2224	473594.83, 3848082.25	0.92631	40.8844	26.8873	0.0026133	0.1153435	0.0758546	6.62E-03	2.92E-01	1.92E-01	2.37E-03	1.05E-01	6.88E-02
2225	473594.83, 3848107.25	0.87758	39.9542	26.0679	0.0024758	0.112719	0.0735429	6.27E-03	2.85E-01	1.86E-01	2.25E-03	1.02E-01	6.67E-02
2226	473594.83, 3848132.25	0.83696	38.9097	25.187	0.0023612	0.1097725	0.0710579	5.98E-03	2.78E-01	1.80E-01	2.14E-03	9.96E-02	6.45E-02
2227	473594.83, 3848157.25	0.80124	37.5923	24.771	0.0022605	0.1060557	0.0698841	5.72E-03	2.69E-01	1.77E-01	2.05E-03	9.62E-02	6.34E-02
2228	473619.83, 3847782.25	4.25321	114.688	89.51	0.0119992	0.3235574	0.2525262	3.04E-02	8.19E-01	6.39E-01	1.09E-02	2.94E-01	2.29E-01
2229	473619.83, 3847807.25	3.19805	96.7871	68.9836	0.0090224	0.2730564	0.1946171	2.28E-02	6.91E-01	4.93E-01	8.19E-03	2.48E-01	1.77E-01
2230	473619.83, 3847832.25	2.5934	82.6349	58.1057	0.0073165	0.2331302	0.1639282	1.85E-02	5.90E-01	4.15E-01	6.64E-03	2.12E-01	1.49E-01
2231	473619.83, 3847857.25	2.20027	73.8754	51.4321	0.0062074	0.2084179	0.1451007	1.57E-02	5.28E-01	3.67E-01	5.63E-03	1.89E-01	1.32E-01
2232	473619.83, 3847882.25	1.90041	66.6258	46.1216	0.0053615	0.1879652	0.1301185	1.36E-02	4.76E-01	3.29E-01	4.86E-03	1.71E-01	1.18E-01
2233	473619.83, 3847907.25	1.66849	60.4661	41.5358	0.0047072	0.1705873	0.1171811	1.19E-02	4.32E-01	2.97E-01	4.27E-03	1.55E-01	1.06E-01
2234	473619.83, 3847932.25	1.49316	56.2953	38.368	0.0042125	0.1588207	0.1082441	1.07E-02	4.02E-01	2.74E-01	3.82E-03	1.44E-01	9.82E-02
2235	473619.83, 3847957.25	1.35612	53.2887	35.1929	0.0038259	0.1503384	0.0992866	9.69E-03	3.81E-01	2.51E-01	3.47E-03	1.36E-01	9.01E-02

2236	473619.83, 3847982.25	1.24807	50.619	33.5816	0.0035211	0.1428067	0.0947406	8.92E-03	3.62E-01	2.40E-01	3.19E-03	1.30E-01	8.60E-02
2237	473619.83, 3848007.25	1.15947	47.9641	32.2575	0.0032711	0.1353166	0.091005	8.28E-03	3.43E-01	2.30E-01	2.97E-03	1.23E-01	8.26E-02
2238	473619.83, 3848032.25	1.08384	45.1336	30.5237	0.0030577	0.1273314	0.0861137	7.74E-03	3.22E-01	2.18E-01	2.77E-03	1.16E-01	7.81E-02
2239	473619.83, 3848057.25	1.01782	43.1657	29.0278	0.0028715	0.1217793	0.0818934	7.27E-03	3.08E-01	2.07E-01	2.61E-03	1.10E-01	7.43E-02
2240	473619.83, 3848082.25	0.96196	41.6523	27.8319	0.0027139	0.1175097	0.0785195	6.87E-03	2.98E-01	1.99E-01	2.46E-03	1.07E-01	7.12E-02
2241	473619.83, 3848107.25	0.91087	40.7696	26.5009	0.0025698	0.1150194	0.0747645	6.51E-03	2.91E-01	1.89E-01	2.33E-03	1.04E-01	6.78E-02
2242	473619.83, 3848132.25	0.86751	39.8737	25.9438	0.0024474	0.1124921	0.0731929	6.20E-03	2.85E-01	1.85E-01	2.22E-03	1.02E-01	6.64E-02
2243	473619.83, 3848157.25	0.8298	38.7293	25.0775	0.002341	0.1092635	0.070749	5.93E-03	2.77E-01	1.79E-01	2.12E-03	9.91E-02	6.42E-02
2244	473619.83, 3848182.25	0.79699	37.4138	24.611	0.0022485	0.1055521	0.0694327	5.69E-03	2.67E-01	1.76E-01	2.04E-03	9.58E-02	6.30E-02
2245	473644.83, 3847807.25	3.76586	107.559	79.6511	0.0106243	0.3034452	0.2247124	2.69E-02	7.68E-01	5.69E-01	9.64E-03	2.75E-01	2.04E-01
2246	473644.83, 3847832.25	2.9573	91.3906	64.566	0.0083432	0.257832	0.182154	2.11E-02	6.53E-01	4.61E-01	7.57E-03	2.34E-01	1.65E-01
2247	473644.83, 3847857.25	2.44439	79.9254	55.4001	0.0068961	0.2254861	0.1562953	1.75E-02	5.71E-01	3.96E-01	6.26E-03	2.05E-01	1.42E-01
2248	473644.83, 3847882.25	2.08667	71.7983	48.9634	0.0058869	0.2025579	0.1381359	1.49E-02	5.13E-01	3.50E-01	5.34E-03	1.84E-01	1.25E-01
2249	473644.83, 3847907.25	1.82265	65.2256	44.3986	0.0051421	0.1840149	0.1252576	1.30E-02	4.66E-01	3.17E-01	4.67E-03	1.67E-01	1.14E-01
2250	473644.83, 3847932.25	1.61846	59.905	41.0397	0.004566	0.1690044	0.1157815	1.16E-02	4.28E-01	2.93E-01	4.14E-03	1.53E-01	1.05E-01
2251	473644.83, 3847957.25	1.44838	55.7847	37.4748	0.0040862	0.1573802	0.1057241	1.03E-02	3.99E-01	2.68E-01	3.71E-03	1.43E-01	9.59E-02
2252	473644.83, 3847982.25	1.32194	52.8224	34.7265	0.0037295	0.1490229	0.0979707	9.44E-03	3.77E-01	2.48E-01	3.38E-03	1.35E-01	8.89E-02
2253	473644.83, 3848007.25	1.22075	50.0695	33.2475	0.003444	0.1412564	0.0937981	8.72E-03	3.58E-01	2.38E-01	3.12E-03	1.28E-01	8.51E-02
2254	473644.83, 3848032.25	1.13633	47.2491	31.9044	0.0032058	0.1332994	0.090009	8.12E-03	3.38E-01	2.28E-01	2.91E-03	1.21E-01	8.17E-02
2255	473644.83, 3848057.25	1.06404	44.6895	30.0861	0.0030019	0.1260783	0.0848792	7.60E-03	3.19E-01	2.15E-01	2.72E-03	1.14E-01	7.70E-02
2256	473644.83, 3848082.25	1.00286	42.8848	28.6131	0.0028293	0.1209869	0.0807234	7.16E-03	3.06E-01	2.04E-01	2.57E-03	1.10E-01	7.32E-02
2257	473644.83, 3848107.25	0.95014	41.7139	27.366	0.0026805	0.1176836	0.077205	6.79E-03	2.98E-01	1.95E-01	2.43E-03	1.07E-01	7.01E-02
2258	473644.83, 3848132.25	0.90328	40.9361	26.6418	0.0025483	0.1154893	0.0751621	6.45E-03	2.92E-01	1.90E-01	2.31E-03	1.05E-01	6.82E-02
2259	473644.83, 3848157.25	0.86344	39.9637	25.7765	0.0024359	0.1127459	0.0727207	6.17E-03	2.85E-01	1.84E-01	2.21E-03	1.02E-01	6.60E-02
2260	473644.83, 3848182.25	0.82991	38.7375	25.5806	0.0023413	0.1092865	0.0721681	5.93E-03	2.77E-01	1.83E-01	2.12E-03	9.92E-02	6.55E-02
2261	473669.83, 3847807.25	4.57586	117.899	94.2341	0.0129095	0.3326179	0.2658539	3.27E-02	8.42E-01	6.73E-01	1.17E-02	3.02E-01	2.41E-01
2262	473669.83, 3847832.25	3.41701	102.015	72.9515	0.0096401	0.2878062	0.2058114	2.44E-02	7.29E-01	5.21E-01	8.75E-03	2.61E-01	1.87E-01
2263	473669.83, 3847857.25	2.74685	87.2415	60.7942	0.0077494	0.2461264	0.171513	1.96E-02	6.23E-01	4.34E-01	7.03E-03	2.23E-01	1.56E-01
2264	473669.83, 3847882.25	2.30213	77.4417	52.5206	0.0064948	0.2184792	0.1481715	1.64E-02	5.53E-01	3.75E-01	5.89E-03	1.98E-01	1.34E-01
2265	473669.83, 3847907.25	1.98521	69.9709	46.6726	0.0056007	0.1974024	0.1316731	1.42E-02	5.00E-01	3.33E-01	5.08E-03	1.79E-01	1.19E-01
2266	473669.83, 3847932.25	1.7489	63.7906	43.5151	0.004934	0.1799665	0.1227651	1.25E-02	4.56E-01	3.11E-01	4.48E-03	1.63E-01	1.11E-01
2267	473669.83, 3847957.25	1.55946	58.8233	39.733	0.0043996	0.1659527	0.1120949	1.11E-02	4.20E-01	2.84E-01	3.99E-03	1.51E-01	1.02E-01
2268	473669.83, 3847982.25	1.40922	55.3938	36.8073	0.0039757	0.1562773	0.1038411	1.01E-02	3.96E-01	2.63E-01	3.61E-03	1.42E-01	9.42E-02
2269	473669.83, 3848007.25	1.2906	52.3405	34.264	0.0036411	0.1476635	0.0966658	9.22E-03	3.74E-01	2.45E-01	3.30E-03	1.34E-01	8.77E-02
2270	473669.83, 3848032.25	1.19499	49.4491	33.0473	0.0033713	0.1395062	0.0932334	8.54E-03	3.53E-01	2.36E-01	3.06E-03	1.27E-01	8.46E-02
2271	473669.83, 3848057.25	1.11604	46.5408	31.3716	0.0031486	0.1313013	0.0885058	7.97E-03	3.32E-01	2.24E-01	2.86E-03	1.19E-01	8.03E-02
2272	473669.83, 3848082.25	1.04939	44.4346	29.7468	0.0029605	0.1253593	0.0839219	7.50E-03	3.17E-01	2.13E-01	2.69E-03	1.14E-01	7.61E-02
2273	473669.83, 3848107.25	0.99406	42.8949	28.5622	0.0028045	0.1210153	0.0805798	7.10E-03	3.06E-01	2.04E-01	2.54E-03	1.10E-01	7.31E-02
2274	473669.83, 3848132.25	0.94498	42.1208	27.3374	0.002666	0.1188315	0.0771246	6.75E-03	3.01E-01	1.95E-01	2.42E-03	1.08E-01	7.00E-02
2275	473669.83, 3848157.25	0.90289	41.3116	26.9546	0.0025472	0.1165486	0.0760444	6.45E-03	2.95E-01	1.93E-01	2.31E-03	1.06E-01	6.90E-02
2276	473669.83, 3848182.25	0.8657	40.1794	26.0569	0.0024423	0.1133545	0.0735118	6.18E-03	2.87E-01	1.86E-01	2.22E-03	1.03E-01	6.67E-02
2277	473669.83, 3848207.25	0.82754	38.6502	25.4368	0.0023347	0.1090402	0.0717624	5.91E-03	2.76E-01	1.82E-01	2.12E-03	9.89E-02	6.51E-02
2278	473694.83, 3847832.25	4.02801	110.941	84.5527	0.0113639	0.3129864	0.2385408	2.88E-02	7.93E-01	6.04E-01	1.03E-02	2.84E-01	2.16E-01
2279	473694.83, 3847857.25	3.11549	95.7755	67.0508	0.0087894	0.2702025	0.1891642	2.23E-02	6.84E-01	4.79E-01	7.97E-03	2.45E-01	1.72E-01
2280	473694.83, 3847882.25	2.55513	83.6515	56.7335	0.0072086	0.2359981	0.160057	1.83E-02	5.98E-01	4.05E-01	6.54E-03	2.14E-01	1.45E-01
2281	473694.83, 3847907.25	2.1743	75.2072	50.0048	0.0061342	0.2121753	0.141074	1.55E-02	5.37E-01	3.57E-01	5.57E-03	1.93E-01	1.28E-01
2282	473694.83, 3847932.25	1.89533	68.3844	45.6856	0.0053471	0.1929266	0.1288886	1.35E-02	4.89E-01	3.26E-01	4.85E-03	1.75E-01	1.17E-01
2283	473694.83, 3847957.25	1.68334	62.6198	42.0605	0.0047491	0.1766635	0.1186614	1.20E-02	4.47E-01	3.00E-01	4.31E-03	1.60E-01	1.08E-01
2284	473694.83, 3847982.25	1.50767	58.1261	38.7593	0.0042535	0.1639859	0.1093479	1.08E-02	4.15E-01	2.77E-01	3.86E-03	1.49E-01	9.92E-02
2285	473694.83, 3848007.25	1.36976	54.7839	35.885	0.0038644	0.1545569	0.101239	9.79E-03	3.91E-01	2.56E-01	3.51E-03	1.40E-01	9.19E-02
2286	473694.83, 3848032.25	1.26122	51.7878	34.2072	0.0035582	0.1461041	0.0965057	9.01E-03	3.70E-01	2.44E-01	3.23E-03	1.33E-01	8.76E-02
2287	473694.83, 3848057.25	1.17463	48.9564	32.9017	0.0033139	0.1381161	0.0928224	8.39E-03	3.50E-01	2.35E-01	3.01E-03	1.25E-01	8.42E-02
2288	473694.83, 3848082.25	1.10213	46.2597	31.1448	0.0031093	0.1305083	0.0878661	7.87E-03	3.30E-01	2.22E-01	2.82E-03	1.18E-01	7.97E-02
2289	473694.83, 3848107.25	1.03954	44.3796	29.5445	0.0029328	0.1252042	0.0833511	7.43E-03	3.17E-01	2.11E-01	2.66E-03	1.14E-01	7.56E-02
2290	473694.83, 3848132.25	0.98434	43.0365	28.3318	0.002777	0.1214149	0.07993	7.03E-03	3.07E-01	2.02E-01	2.52E-03	1.10E-01	7.25E-02
2291	473694.83, 3848157.25	0.9393	42.3864	27.5978	0.00265	0.1195809	0.0778591	6.71E-03	3.03E-01	1.97E-01	2.40E-03	1.09E-01	7.06E-02
2292	473694.83, 3848182.25	0.90013	41.4429	26.7183	0.0025395	0.1169191	0.075378	6.43E-03	2.96E-01	1.91E-01	2.30E-03	1.06E-01	6.84E-02
2293	473694.83, 3848207.25	0.85612	39.782	26.2996	0.0024153	0.1122334	0.0741966	6.12E-03	2.84E-01	1.88E-01	2.19E-03	1.02E-01	6.73E-02
2294	473719.83, 3847857.25	3.61149	105.575	75.8634	0.0101888	0.2978496	0.2140263	2.58E-02	7.54E-01	5.42E-01	9.24E-03	2.70E-01	1.94E-01
2295	473719.83, 3847882.25	2.87579	91.3106	63.1118	0.0081132	0.2576061	0.1780514	2.05E-02	6.52E-01	4.51E-01	7.36E-03	2.34E-01	1.62E-01
2296	473719.83, 3847907.25	2.403	81.2442	54.639	0.0067794	0.2292067	0.1541479	1.72E-02	5.80E-01	3.90E-01	6.15E-03	2.08E-01	1.40E-01
2297	473719.83, 3847932.25	2.06716	73.4944	48.5364	0.0058319	0.2073429	0.1369311	1.48E-02	5.25E-01	3.47E-01	5.29E-03	1.88E-01	1.24E-01
2298	473719.83, 3847957.25	1.81835	67.0306	44.6592	0.0051299	0.1891072	0.1259928	1.30E-02	4.79E-01	3.19E-01	4.65E-03	1.72E-01	1.14E-01
2299	473719.83, 3847982.25	1.62151	61.4551	40.7743	0.0045746	0.1733775	0.1150326	1.16E-02	4.39E-01	2.91E-01	4.15E-03	1.57E-01	1.04E-01
2300	473719.83, 3848007.25	1.46066	57.4783	37.8814	0.0041208	0.1621582	0.1068712	1.04E-02	4.11E-01	2.71E-01	3.74E-03	1.47E-01	9.70E-02
2301	473719.83, 3848032.25	1.33505	54.2311	35.4406	0.0037665	0.1529973	0.0999852	9.54E-03	3.87E-01	2.53E-01	3.42E-03	1.39E-01	9.07E-02
2302	473719.83, 3848057.25	1.23958	51.4672	34.2519	0.0034971	0.1451996	0.0966318	8.86E-03	3.68E-01	2.45E-01	3.17E-03	1.32E-01	8.77E-02
2303	473719.83, 3848082.25	1.16252	48.6779	32.8625	0.0032797	0.1373304	0.092712	8.30E-03	3.48E-01	2.35E-01	2.98E-03	1.25E-01	8.41E-02
2304	473719.83, 3848107.25	1.08759	46.0326	30.8342	0.0030683	0.1298675	0.0869896	7.77E-03	3.29E-01	2.20E-01	2.78E-03	1.18E-01	7.89E-02
2305	473719.83, 3848132.25	1.02392	44.0472	29.2109	0.0028887	0.1242663	0.0824101	7.31E-03	3.15E-01	2.09E-01	2.62E-03	1.13E-01	7.48E-02
2306	473719.83, 3848157.25	0.97286	43.1762	27.958	0.0027446	0.1218091	0.0788752	6.95E-03	3.08E-01	2.00E-01	2.49E-03	1.11E-01	7.16E-02
2307	473719.83, 3848182.25	0.92986	42.3787	27.6392	0.0026233	0.119559	0.0779759	6.64E-03	3.03E-01	1.97E-01	2.38E-03	1.08E-01	7.08E-02
2308	473719.83, 3848207.25	0.88508	40.9519	26.4685	0.002497	0.1155338	0.0746731	6.32E-03	2.93E-01	1.89E-01	2.27E-03	1.05E-01	6.78E-02
2309	473719.83, 3848232.25	0.84619	39.4005	25.8823	0.0023873	0.1111571	0.0730192	6.04E-03	2.81E-01	1.85E-01	2.17E-03	1.01E-01	6.63E-02
2310	473744.83, 3847857.25	4.2946	114.281	88.7148	0.012116	0.3224113	0.2502828	3.07E-02	8.16E-01	6.34E-01	1.10E-02	2.93E-01	2.27E-01
2311	473744.83, 3847882.25	3.3012	101.261	70.5448	0.0093134	0.2856793	0.1990215	2.36E-02	7.23E-01	5.04E-01	8.45E-03	2.59E-01	1.81E-01
2312	473744.83, 3847907.25	2.68616	88.4021	60.1595	0.0075782	0.2494007	0.1697224	1.92E-02	6.32E-01	4.30E-01	6.88E-03	2.26E-01	1.54E-01
2313	473744.83, 3847932.25	2.27102	79.2399	52.7489	0.006407	0.2235522	0.1488157	1.62E-02	5.66E-01	3.77E-01	5.81E-03	2.03E-01	1.35E-01
2314	473744.83, 3847957.25	1.97213	71.9468	46.9742	0.0055638	0.2029768	0.1325241	1.41E-02	5.14E-01	3.36E-01	5.05E-03	1.84E-01	1.20E-01
2315	473744.83, 3847982.25	1.74295	65.4012	43.0743	0.0049172	0.1845103	0.1215217	1.25E-02	4.67E-01	3.08E-01	4.46E-03	1.67E-01	1.10E-01

2316	473744.83, 3848007.25	1.55848	60.1147	39.4056	0.0043968	0.169596	0.1111714	1.11E-02	4.29E-01	2.82E-01	3.99E-03	1.54E-01	1.01E-01
2317	473744.83, 3848032.25	1.41641	56.7267	36.9135	0.003996	0.1600378	0.1041406	1.01E-02	4.05E-01	2.64E-01	3.63E-03	1.45E-01	9.45E-02
2318	473744.83, 3848057.25	1.30921	53.9476	35.4843	0.0036936	0.1521974	0.1001085	9.35E-03	3.85E-01	2.53E-01	3.35E-03	1.38E-01	9.08E-02
2319	473744.83, 3848082.25	1.22123	51.0946	34.2394	0.0034453	0.1441486	0.0965964	8.72E-03	3.65E-01	2.45E-01	3.13E-03	1.31E-01	8.76E-02
2320	473744.83, 3848107.25	1.14045	47.8318	32.2278	0.0032174	0.1349436	0.0909212	8.15E-03	3.42E-01	2.30E-01	2.92E-03	1.22E-01	8.25E-02
2321	473744.83, 3848132.25	1.07192	45.6608	30.3671	0.0030241	0.1288187	0.0856719	7.66E-03	3.26E-01	2.17E-01	2.74E-03	1.17E-01	7.77E-02
2322	473744.83, 3848157.25	1.01273	44.0719	29.0381	0.0028571	0.1243361	0.0819225	7.23E-03	3.15E-01	2.07E-01	2.59E-03	1.13E-01	7.43E-02
2323	473744.83, 3848182.25	0.96099	43.1885	28.01	0.0027112	0.1218436	0.0790219	6.87E-03	3.09E-01	2.00E-01	2.46E-03	1.11E-01	7.17E-02
2324	473744.83, 3848207.25	0.91611	42.0551	27.031	0.0025845	0.1186463	0.07626	6.54E-03	3.00E-01	1.93E-01	2.35E-03	1.08E-01	6.92E-02
2325	473744.83, 3848232.25	0.87597	40.5548	26.7922	0.0024713	0.1144136	0.0755864	6.26E-03	2.90E-01	1.91E-01	2.24E-03	1.04E-01	6.86E-02
2326	473769.83, 3847882.25	3.87419	109.722	80.5673	0.0109299	0.309549	0.2272972	2.77E-02	7.84E-01	5.76E-01	9.92E-03	2.81E-01	2.06E-01
2327	473769.83, 3847907.25	3.04652	97.1293	66.6136	0.0085949	0.274022	0.1879308	2.18E-02	6.94E-01	4.76E-01	7.80E-03	2.49E-01	1.71E-01
2328	473769.83, 3847932.25	2.52074	85.9837	57.472	0.0071115	0.2425778	0.1621404	1.80E-02	6.14E-01	4.11E-01	6.45E-03	2.20E-01	1.47E-01
2329	473769.83, 3847957.25	2.15261	77.368	50.6119	0.006073	0.2182712	0.1427866	1.54E-02	5.53E-01	3.62E-01	5.51E-03	1.98E-01	1.30E-01
2330	473769.83, 3847982.25	1.87502	69.8804	45.3256	0.0052898	0.197147	0.127873	1.34E-02	4.99E-01	3.24E-01	4.80E-03	1.79E-01	1.16E-01
2331	473769.83, 3848007.25	1.66648	63.542	41.4575	0.0047015	0.1792651	0.1169603	1.19E-02	4.54E-01	2.96E-01	4.27E-03	1.63E-01	1.06E-01
2332	473769.83, 3848032.25	1.50793	59.3649	38.6287	0.0042542	0.1674808	0.1089795	1.08E-02	4.24E-01	2.76E-01	3.86E-03	1.52E-01	9.89E-02
2333	473769.83, 3848057.25	1.38435	56.3943	36.719	0.0039055	0.1591001	0.1035918	9.89E-03	4.03E-01	2.62E-01	3.54E-03	1.44E-01	9.40E-02
2334	473769.83, 3848082.25	1.28075	53.2919	35.4571	0.0036133	0.1503474	0.1000319	9.15E-03	3.81E-01	2.53E-01	3.28E-03	1.36E-01	9.08E-02
2335	473769.83, 3848107.25	1.20254	50.5068	34.0963	0.0033926	0.1424902	0.0961926	8.59E-03	3.61E-01	2.44E-01	3.08E-03	1.29E-01	8.73E-02
2336	473769.83, 3848132.25	1.12577	47.6205	31.88	0.003176	0.1343474	0.0899402	8.04E-03	3.40E-01	2.28E-01	2.88E-03	1.22E-01	8.16E-02
2337	473769.83, 3848157.25	1.05698	45.3804	29.9697	0.002982	0.1280276	0.0845508	7.55E-03	3.24E-01	2.14E-01	2.71E-03	1.16E-01	7.67E-02
2338	473769.83, 3848182.25	0.99878	44.1126	28.5804	0.0028178	0.1244509	0.0806314	7.14E-03	3.15E-01	2.04E-01	2.56E-03	1.13E-01	7.32E-02
2339	473769.83, 3848207.25	0.94971	43.1003	28.0355	0.0026793	0.1215948	0.0790939	6.78E-03	3.08E-01	2.00E-01	2.43E-03	1.10E-01	7.18E-02
2340	473769.83, 3848232.25	0.90759	41.8187	27.0012	0.0025605	0.1179793	0.0761761	6.48E-03	2.99E-01	1.93E-01	2.32E-03	1.07E-01	6.91E-02
2341	473769.83, 3848257.25	0.8686	40.2805	26.4532	0.0024505	0.1136396	0.07463	6.21E-03	2.88E-01	1.89E-01	2.22E-03	1.03E-01	6.77E-02
2342	473794.83, 3847882.25	4.68458	118.893	94.5421	0.0132162	0.3354212	0.266723	3.35E-02	8.49E-01	6.75E-01	1.20E-02	3.04E-01	2.42E-01
2343	473794.83, 3847907.25	3.5162	106.06	75.114	0.0099199	0.2992178	0.2119121	2.51E-02	7.58E-01	5.37E-01	9.00E-03	2.71E-01	1.92E-01
2344	473794.83, 3847932.25	2.82807	93.816	62.7399	0.0079786	0.2646745	0.1770023	2.02E-02	6.70E-01	4.48E-01	7.24E-03	2.40E-01	1.61E-01
2345	473794.83, 3847957.25	2.36927	83.581	54.8422	0.0066842	0.2357993	0.1547212	1.69E-02	5.97E-01	3.92E-01	6.06E-03	2.14E-01	1.40E-01
2346	473794.83, 3847982.25	2.03523	75.0882	48.3618	0.0057418	0.2118394	0.1364388	1.45E-02	5.36E-01	3.45E-01	5.21E-03	1.92E-01	1.24E-01
2347	473794.83, 3848007.25	1.79161	67.9552	44.0749	0.0050545	0.1917157	0.1243445	1.28E-02	4.85E-01	3.15E-01	4.59E-03	1.74E-01	1.13E-01
2348	473794.83, 3848032.25	1.60815	62.2893	40.5003	0.0045369	0.175731	0.1142599	1.15E-02	4.45E-01	2.89E-01	4.12E-03	1.59E-01	1.04E-01
2349	473794.83, 3848057.25	1.46565	58.7789	38.3175	0.0041349	0.1658276	0.1081016	1.05E-02	4.20E-01	2.74E-01	3.75E-03	1.50E-01	9.81E-02
2350	473794.83, 3848082.25	1.35089	55.7243	36.5459	0.0038111	0.1572097	0.1031037	9.65E-03	3.98E-01	2.61E-01	3.46E-03	1.43E-01	9.35E-02
2351	473794.83, 3848107.25	1.26875	53.2535	35.6109	0.0035794	0.1502392	0.1004658	9.06E-03	3.80E-01	2.54E-01	3.25E-03	1.36E-01	9.12E-02
2352	473794.83, 3848132.25	1.18149	49.6356	33.5743	0.0033332	0.1400324	0.09472	8.44E-03	3.55E-01	2.40E-01	3.02E-03	1.27E-01	8.59E-02
2353	473794.83, 3848157.25	1.10476	46.9681	31.1745	0.0031168	0.1325067	0.0879498	7.89E-03	3.36E-01	2.23E-01	2.83E-03	1.20E-01	7.98E-02
2354	473794.83, 3848182.25	1.04213	45.1364	29.7681	0.0029401	0.1273391	0.0839821	7.44E-03	3.22E-01	2.13E-01	2.67E-03	1.16E-01	7.62E-02
2355	473794.83, 3848207.25	0.98744	44.1534	28.5398	0.0027858	0.1245659	0.0805167	7.05E-03	3.15E-01	2.04E-01	2.53E-03	1.13E-01	7.31E-02
2356	473794.83, 3848232.25	0.94428	43.15	27.8753	0.002664	0.1217351	0.0786421	6.75E-03	3.08E-01	1.99E-01	2.42E-03	1.10E-01	7.14E-02
2357	473794.83, 3848257.25	0.9019	41.5578	27.4637	0.0025444	0.1172432	0.0774809	6.44E-03	2.97E-01	1.96E-01	2.31E-03	1.06E-01	7.03E-02
2358	473794.83, 3848282.25	0.86334	40.0985	26.3799	0.0024357	0.1131262	0.0744233	6.17E-03	2.86E-01	1.88E-01	2.21E-03	1.03E-01	6.75E-02
2359	473819.83, 3847907.25	4.15021	113.924	86.4372	0.0117086	0.3214042	0.2438574	2.96E-02	8.14E-01	6.17E-01	1.06E-02	2.92E-01	2.21E-01
2360	473819.83, 3847932.25	3.20722	102.689	70.4817	0.0090482	0.2897057	0.1988434	2.29E-02	7.34E-01	5.04E-01	8.21E-03	2.63E-01	1.80E-01
2361	473819.83, 3847957.25	2.62166	90.3459	60.0814	0.0073962	0.2548847	0.1695022	1.87E-02	6.45E-01	4.29E-01	6.71E-03	2.31E-01	1.54E-01
2362	473819.83, 3847982.25	2.21946	80.615	52.1844	0.0062616	0.2274317	0.1472231	1.59E-02	5.76E-01	3.73E-01	5.68E-03	2.06E-01	1.34E-01
2363	473819.83, 3848007.25	1.93315	72.8077	46.6575	0.0054538	0.2054057	0.1316306	1.38E-02	5.20E-01	3.33E-01	4.95E-03	1.86E-01	1.19E-01
2364	473819.83, 3848032.25	1.72107	66.1667	43.043	0.0048555	0.1866701	0.1214333	1.23E-02	4.73E-01	3.07E-01	4.41E-03	1.69E-01	1.10E-01
2365	473819.83, 3848057.25	1.55851	61.3449	39.7345	0.0043969	0.1730666	0.1120992	1.11E-02	4.38E-01	2.84E-01	3.99E-03	1.57E-01	1.02E-01
2366	473819.83, 3848082.25	1.43012	58.2881	37.7881	0.0040347	0.1644428	0.1066081	1.02E-02	4.16E-01	2.70E-01	3.66E-03	1.49E-01	9.67E-02
2367	473819.83, 3848107.25	1.33005	55.511	36.7781	0.0037523	0.1566081	0.1037588	9.50E-03	3.97E-01	2.63E-01	3.40E-03	1.42E-01	9.41E-02
2368	473819.83, 3848132.25	1.23866	52.136	35.0587	0.0034945	0.1470866	0.098908	8.85E-03	3.72E-01	2.50E-01	3.17E-03	1.33E-01	8.97E-02
2369	473819.83, 3848157.25	1.1587	48.9233	32.7546	0.0032689	0.1380228	0.0924076	8.28E-03	3.49E-01	2.34E-01	2.97E-03	1.25E-01	8.38E-02
2370	473819.83, 3848182.25	1.09029	46.6777	30.8252	0.0030759	0.1316875	0.0869642	7.79E-03	3.33E-01	2.20E-01	2.79E-03	1.19E-01	7.89E-02
2371	473819.83, 3848207.25	1.0312	45.3069	29.3761	0.0029092	0.1278201	0.082876	7.37E-03	3.24E-01	2.10E-01	2.64E-03	1.16E-01	7.52E-02
2372	473819.83, 3848232.25	0.98111	44.3076	28.8247	0.0027679	0.1250009	0.0813204	7.01E-03	3.17E-01	2.06E-01	2.51E-03	1.13E-01	7.38E-02
2373	473819.83, 3848257.25	0.93547	42.892	27.6969	0.0026392	0.1210072	0.0781387	6.68E-03	3.06E-01	1.98E-01	2.39E-03	1.10E-01	7.09E-02
2374	473819.83, 3848282.25	0.89546	41.3344	27.226	0.0025263	0.1166129	0.0768102	6.40E-03	2.95E-01	1.94E-01	2.29E-03	1.06E-01	6.97E-02
2375	473844.83, 3847932.25	3.7014	109.844	79.4287	0.0104424	0.309893	0.2240849	2.64E-02	7.85E-01	5.67E-01	9.47E-03	2.81E-01	2.03E-01
2376	473844.83, 3847957.25	2.92879	98.2121	65.7967	0.0082627	0.2770769	0.1856261	2.09E-02	7.02E-01	4.70E-01	7.50E-03	2.51E-01	1.68E-01
2377	473844.83, 3847982.25	2.44129	86.917	57.3565	0.0068874	0.2452109	0.1618146	1.74E-02	6.21E-01	4.10E-01	6.25E-03	2.22E-01	1.47E-01
2378	473844.83, 3848007.25	2.10203	78.3194	50.0504	0.0059303	0.2209553	0.1412027	1.50E-02	5.59E-01	3.58E-01	5.38E-03	2.00E-01	1.28E-01
2379	473844.83, 3848032.25	1.85429	71.1184	45.432	0.0052313	0.2006397	0.1281732	1.32E-02	5.08E-01	3.25E-01	4.75E-03	1.82E-01	1.16E-01
2380	473844.83, 3848057.25	1.66593	65.008	41.9297	0.0046999	0.1834011	0.1182924	1.19E-02	4.64E-01	3.00E-01	4.26E-03	1.66E-01	1.07E-01
2381	473844.83, 3848082.25	1.51601	60.7727	39.3995	0.004277	0.1714523	0.1111541	1.08E-02	4.34E-01	2.81E-01	3.88E-03	1.56E-01	1.01E-01
2382	473844.83, 3848107.25	1.39824	57.7288	37.6156	0.0039447	0.162865	0.1061215	9.99E-03	4.12E-01	2.69E-01	3.58E-03	1.48E-01	9.63E-02
2383	473844.83, 3848132.25	1.29976	54.5489	36.411	0.0036669	0.1538939	0.102723	9.29E-03	3.90E-01	2.60E-01	3.33E-03	1.40E-01	9.32E-02
2384	473844.83, 3848157.25	1.21574	51.1491	34.6248	0.0034299	0.1443021	0.0976837	8.68E-03	3.65E-01	2.47E-01	3.11E-03	1.31E-01	8.86E-02
2385	473844.83, 3848182.25	1.14284	48.5038	32.4136	0.0032242	0.1368392	0.0914455	8.16E-03	3.46E-01	2.32E-01	2.93E-03	1.24E-01	8.30E-02
2386	473844.83, 3848207.25	1.07874	46.5251	30.6427	0.0030434	0.1312571	0.0864493	7.71E-03	3.32E-01	2.19E-01	2.76E-03	1.19E-01	7.84E-02
2387	473844.83, 3848232.25	1.02131	45.4249	29.3192	0.0028813	0.128153	0.0827157	7.30E-03	3.25E-01	2.09E-01	2.61E-03	1.16E-01	7.51E-02
2388	473844.83, 3848257.25	0.97135	44.1493	28.6761	0.0027404	0.1245545	0.0809011	6.94E-03	3.15E-01	2.05E-01	2.49E-03	1.13E-01	7.34E-02
2389	473844.83, 3848282.25	0.93048	42.6524	28.1586	0.0026251	0.1203312	0.0794412	6.65E-03	3.05E-01	2.01E-01	2.38E-03	1.09E-01	7.21E-02
2390	473844.83, 3848307.25	0.89478	41.3645	27.2543	0.0025244	0.1166978	0.0768902	6.39E-03	2.95E-01	1.95E-01	2.29E-03	1.06E-01	6.98E-02
2391	473869.83, 3847932.25	4.36263	117.481	92.1146	0.0123079	0.3314369	0.2598745	3.12E-02	8.39E-01	6.58E-01	1.12E-02	3.01E-01	2.36E-01
2392	473869.83, 3847957.25	3.32742	106.128	73.8499	0.0093873	0.299409	0.208346	2.38E-02	7.58E-01	5.28E-01	8.52E-03	2.72E-01	1.89E-01
2393	473869.83, 3847982.25	2.72034	94.7807	62.5557	0.0076746	0.2673959	0.1764827	1.94E-02	6.77E-01	4.47E-01	6.96E-03	2.43E-01	1.60E-01
2394	473869.83, 3848007.25	2.30751	84.7274	55.0826	0.00651	0.2390336	0.1553995	1.65E-02	6.05E-01	3.93E-01	5.91E-03	2.17E-01	1.41E-01
2395	473869.83, 3848032.25	2.01	76.5604	48.9193	0.0056706	0.2159929	0.1380115	1.44E-02	5.47E-01	3.49E-01	5.15E-03	1.96E-01	1.25E-01

2396	473869.83, 3848057.25	1.78753	69.5273	44.4452	0.005043	0.1961511	0.1253892	1.28E-02	4.97E-01	3.18E-01	4.58E-03	1.78E-01	1.14E-01
2397	473869.83, 3848082.25	1.61515	63.7784	41.1625	0.0045567	0.1799323	0.1161279	1.15E-02	4.56E-01	2.94E-01	4.13E-03	1.63E-01	1.05E-01
2398	473869.83, 3848107.25	1.48097	60.3246	39.2591	0.0041781	0.1701881	0.1107581	1.06E-02	4.31E-01	2.80E-01	3.79E-03	1.54E-01	1.00E-01
2399	473869.83, 3848132.25	1.37017	57.1126	37.5472	0.0038655	0.1611266	0.1059286	9.79E-03	4.08E-01	2.68E-01	3.51E-03	1.46E-01	9.61E-02
2400	473869.83, 3848157.25	1.27768	53.7903	36.0052	0.0036046	0.1517535	0.1015782	9.13E-03	3.84E-01	2.57E-01	3.27E-03	1.38E-01	9.22E-02
2401	473869.83, 3848182.25	1.19834	50.4547	34.0223	0.0033808	0.1423431	0.095984	8.56E-03	3.60E-01	2.43E-01	3.07E-03	1.29E-01	8.71E-02
2402	473869.83, 3848207.25	1.12741	48.0801	31.6566	0.0031807	0.135644	0.0893099	8.05E-03	3.43E-01	2.26E-01	2.89E-03	1.23E-01	8.10E-02
2403	473869.83, 3848232.25	1.06629	46.5619	30.3403	0.0030082	0.1313608	0.0855963	7.62E-03	3.33E-01	2.17E-01	2.73E-03	1.19E-01	7.77E-02
2404	473869.83, 3848257.25	1.01107	45.3886	29.5095	0.0028524	0.1280506	0.0832524	7.22E-03	3.24E-01	2.11E-01	2.59E-03	1.16E-01	7.55E-02
2405	473869.83, 3848282.25	0.96705	44.1024	28.4938	0.0027282	0.1244219	0.080387	6.91E-03	3.15E-01	2.04E-01	2.48E-03	1.13E-01	7.29E-02
2406	473869.83, 3848307.25	0.92956	42.6881	28.2378	0.0026225	0.1204321	0.0796648	6.64E-03	3.05E-01	2.02E-01	2.38E-03	1.09E-01	7.23E-02
2407	473869.83, 3848332.25	0.89141	41.3421	27.5883	0.0025149	0.1166347	0.0778324	6.37E-03	2.95E-01	1.97E-01	2.28E-03	1.06E-01	7.06E-02
2408	473894.83, 3847957.25	3.86686	113.27	84.8026	0.0109092	0.3195587	0.2392458	2.76E-02	8.09E-01	6.06E-01	9.90E-03	2.90E-01	2.17E-01
2409	473894.83, 3847982.25	3.06319	103.379	69.6671	0.0086419	0.2916524	0.1965453	2.19E-02	7.39E-01	4.98E-01	7.84E-03	2.65E-01	1.78E-01
2410	473894.83, 3848007.25	2.54588	91.5799	60.1592	0.0071825	0.258366	0.1697217	1.82E-02	6.54E-01	4.30E-01	6.52E-03	2.34E-01	1.54E-01
2411	473894.83, 3848032.25	2.18847	82.2769	52.6	0.0061741	0.2321204	0.1483955	1.56E-02	5.88E-01	3.76E-01	5.60E-03	2.11E-01	1.35E-01
2412	473894.83, 3848057.25	1.92845	74.687	47.5109	0.0054406	0.2107075	0.134038	1.38E-02	5.34E-01	3.39E-01	4.94E-03	1.91E-01	1.22E-01
2413	473894.83, 3848082.25	1.73252	68.1094	43.8219	0.0048878	0.1921508	0.1236307	1.24E-02	4.87E-01	3.13E-01	4.43E-03	1.74E-01	1.12E-01
2414	473894.83, 3848107.25	1.57626	63.1477	40.7335	0.004447	0.1781527	0.1149178	1.13E-02	4.51E-01	2.91E-01	4.03E-03	1.62E-01	1.04E-01
2415	473894.83, 3848132.25	1.45201	59.9221	38.9413	0.0040964	0.1690526	0.1098614	1.04E-02	4.28E-01	2.78E-01	3.72E-03	1.53E-01	9.97E-02
2416	473894.83, 3848157.25	1.34815	56.5753	37.6331	0.0038034	0.1596106	0.1061707	9.63E-03	4.04E-01	2.69E-01	3.45E-03	1.45E-01	9.63E-02
2417	473894.83, 3848182.25	1.25855	52.964	35.6979	0.0035506	0.1494225	0.1007111	8.99E-03	3.78E-01	2.55E-01	3.22E-03	1.36E-01	9.14E-02
2418	473894.83, 3848207.25	1.18154	49.969	33.4422	0.0033334	0.140973	0.0943473	8.44E-03	3.57E-01	2.39E-01	3.02E-03	1.28E-01	8.56E-02
2419	473894.83, 3848232.25	1.11503	47.812	31.4512	0.0031457	0.1348877	0.0887304	7.97E-03	3.42E-01	2.25E-01	2.85E-03	1.22E-01	8.05E-02
2420	473894.83, 3848257.25	1.05407	46.5662	30.1142	0.0029738	0.131373	0.0849584	7.53E-03	3.33E-01	2.15E-01	2.70E-03	1.19E-01	7.71E-02
2421	473894.83, 3848282.25	1.00454	45.3929	29.5905	0.002834	0.1280629	0.0834808	7.18E-03	3.24E-01	2.11E-01	2.57E-03	1.16E-01	7.57E-02
2422	473894.83, 3848307.25	0.96298	43.9004	28.9938	0.0027168	0.1238522	0.0817976	6.88E-03	3.14E-01	2.07E-01	2.47E-03	1.12E-01	7.42E-02
2423	473894.83, 3848332.25	0.92288	42.4608	27.9934	0.0026036	0.1197906	0.0789753	6.59E-03	3.03E-01	2.00E-01	2.36E-03	1.09E-01	7.17E-02
2424	473894.83, 3848357.25	0.88572	41.0787	27.9054	0.0024988	0.1158916	0.078727	6.33E-03	2.93E-01	1.99E-01	2.27E-03	1.05E-01	7.14E-02
2425	473919.83, 3847957.25	4.62492	121.296	98.9964	0.0130479	0.3422004	0.2792893	3.30E-02	8.67E-01	7.07E-01	1.18E-02	3.10E-01	2.53E-01
2426	473919.83, 3847982.25	3.50514	110.022	79.5102	0.0098887	0.3103953	0.2243148	2.50E-02	7.86E-01	5.68E-01	8.97E-03	2.82E-01	2.04E-01
2427	473919.83, 3848007.25	2.84202	99.9415	65.8257	0.0080179	0.2819558	0.1857081	2.03E-02	7.14E-01	4.70E-01	7.27E-03	2.56E-01	1.68E-01
2428	473919.83, 3848032.25	2.40397	88.778	57.7105	0.0067821	0.2504612	0.1628134	1.72E-02	6.34E-01	4.12E-01	6.15E-03	2.27E-01	1.48E-01
2429	473919.83, 3848057.25	2.09454	80.3787	51.2207	0.0059091	0.2267649	0.1445043	1.50E-02	5.74E-01	3.66E-01	5.36E-03	2.06E-01	1.31E-01
2430	473919.83, 3848082.25	1.86509	73.2685	46.307	0.0052618	0.2067057	0.1306418	1.33E-02	5.23E-01	3.31E-01	4.77E-03	1.88E-01	1.19E-01
2431	473919.83, 3848107.25	1.68685	67.0813	42.9489	0.004759	0.1892503	0.1211679	1.21E-02	4.79E-01	3.07E-01	4.32E-03	1.72E-01	1.10E-01
2432	473919.83, 3848132.25	1.54447	62.8629	40.8223	0.0043573	0.1773493	0.1151683	1.10E-02	4.49E-01	2.92E-01	3.95E-03	1.61E-01	1.04E-01
2433	473919.83, 3848157.25	1.42606	59.3889	38.9238	0.0040232	0.1675483	0.1098121	1.02E-02	4.24E-01	2.78E-01	3.65E-03	1.52E-01	9.96E-02
2434	473919.83, 3848182.25	1.32571	55.7583	37.2443	0.0037401	0.1573057	0.105074	9.47E-03	3.98E-01	2.66E-01	3.39E-03	1.43E-01	9.53E-02
2435	473919.83, 3848207.25	1.24154	52.0943	35.3188	0.0035026	0.1469688	0.0996415	8.87E-03	3.72E-01	2.52E-01	3.18E-03	1.33E-01	9.04E-02
2436	473919.83, 3848232.25	1.1681	49.5632	32.7265	0.0032955	0.1398281	0.0923282	8.34E-03	3.54E-01	2.34E-01	2.99E-03	1.27E-01	8.38E-02
2437	473919.83, 3848257.25	1.10128	47.7119	31.2369	0.0031069	0.1346051	0.0881259	7.87E-03	3.41E-01	2.23E-01	2.82E-03	1.22E-01	8.00E-02
2438	473919.83, 3848282.25	1.04524	46.6087	30.2525	0.0029488	0.1314929	0.0853486	7.47E-03	3.33E-01	2.16E-01	2.68E-03	1.19E-01	7.74E-02
2439	473919.83, 3848307.25	0.9978	45.2234	29.2094	0.002815	0.1275847	0.0824059	7.13E-03	3.23E-01	2.09E-01	2.55E-03	1.16E-01	7.48E-02
2440	473919.83, 3848332.25	0.95511	43.6261	28.9476	0.0026946	0.1230782	0.0816671	6.82E-03	3.12E-01	2.07E-01	2.44E-03	1.12E-01	7.41E-02
2441	473919.83, 3848357.25	0.91617	42.2808	28.2465	0.0025847	0.1192829	0.0796891	6.54E-03	3.02E-01	2.02E-01	2.35E-03	1.08E-01	7.23E-02
2442	473919.83, 3848382.25	0.88112	40.7783	28.2472	0.0024858	0.115044	0.0796911	6.29E-03	2.91E-01	2.02E-01	2.26E-03	1.04E-01	7.23E-02
2443	473944.83, 3847982.25	4.11794	117.31	90.5363	0.0116176	0.3309552	0.2554218	2.94E-02	8.38E-01	6.47E-01	1.05E-02	3.00E-01	2.32E-01
2444	473944.83, 3848007.25	3.24276	107.729	74.7616	0.0091485	0.3039265	0.210918	2.32E-02	7.70E-01	5.34E-01	8.30E-03	2.76E-01	1.91E-01
2445	473944.83, 3848032.25	2.68133	97.3661	63.4652	0.0075646	0.2746901	0.1790485	1.92E-02	6.96E-01	4.53E-01	6.86E-03	2.49E-01	1.62E-01
2446	473944.83, 3848057.25	2.29328	86.7512	56.1562	0.0064698	0.2447432	0.1584284	1.64E-02	6.20E-01	4.01E-01	5.87E-03	2.22E-01	1.44E-01
2447	473944.83, 3848082.25	2.01711	78.6965	49.7812	0.0056907	0.2220192	0.1404432	1.44E-02	5.62E-01	3.56E-01	5.16E-03	2.01E-01	1.27E-01
2448	473944.83, 3848107.25	1.81297	71.9672	45.7072	0.0051148	0.2030343	0.1289495	1.30E-02	5.14E-01	3.27E-01	4.64E-03	1.84E-01	1.17E-01
2449	473944.83, 3848132.25	1.64877	66.1792	42.6342	0.0046515	0.1867053	0.1202799	1.18E-02	4.73E-01	3.05E-01	4.22E-03	1.69E-01	1.09E-01
2450	473944.83, 3848157.25	1.5146	62.3506	40.6404	0.004273	0.175904	0.1146549	1.08E-02	4.45E-01	2.90E-01	3.88E-03	1.60E-01	1.04E-01
2451	473944.83, 3848182.25	1.40286	58.7473	38.9076	0.0039578	0.1657383	0.1097665	1.00E-02	4.20E-01	2.78E-01	3.59E-03	1.50E-01	9.96E-02
2452	473944.83, 3848207.25	1.30811	54.9935	36.925	0.0036905	0.155148	0.104173	9.34E-03	3.93E-01	2.64E-01	3.35E-03	1.41E-01	9.45E-02
2453	473944.83, 3848232.25	1.22681	51.6526	34.6692	0.0034611	0.1457226	0.097809	8.76E-03	3.69E-01	2.48E-01	3.14E-03	1.32E-01	8.87E-02
2454	473944.83, 3848257.25	1.15328	49.1116	32.3461	0.0032536	0.1385541	0.091255	8.24E-03	3.51E-01	2.31E-01	2.95E-03	1.26E-01	8.28E-02
2455	473944.83, 3848282.25	1.09118	47.8384	31.1354	0.0030784	0.134962	0.0878394	7.80E-03	3.42E-01	2.22E-01	2.79E-03	1.22E-01	7.97E-02
2456	473944.83, 3848307.25	1.03771	46.5649	30.3826	0.0029276	0.1313693	0.0857156	7.41E-03	3.33E-01	2.17E-01	2.66E-03	1.19E-01	7.78E-02
2457	473944.83, 3848332.25	0.9892	44.81	29.563	0.0027907	0.1264183	0.0834033	7.07E-03	3.20E-01	2.11E-01	2.53E-03	1.15E-01	7.57E-02
2458	473944.83, 3848357.25	0.94816	43.39	28.6048	0.002675	0.1224122	0.0807001	6.77E-03	3.10E-01	2.04E-01	2.43E-03	1.11E-01	7.32E-02
2459	473944.83, 3848382.25	0.91318	42.1156	28.5867	0.0025763	0.1188168	0.0806489	6.52E-03	3.01E-01	2.04E-01	2.34E-03	1.08E-01	7.32E-02
2460	473969.83, 3848007.25	3.78726	115.146	86.7175	0.0106846	0.3248504	0.244648	2.71E-02	8.23E-01	6.19E-01	9.69E-03	2.95E-01	2.22E-01
2461	473969.83, 3848032.25	3.03248	105.734	70.6689	0.0085553	0.2982978	0.1993718	2.17E-02	7.55E-01	5.05E-01	7.76E-03	2.71E-01	1.81E-01
2462	473969.83, 3848057.25	2.5375	94.436	61.0327	0.0071588	0.2664237	0.172186	1.81E-02	6.75E-01	4.36E-01	6.50E-03	2.42E-01	1.56E-01
2463	473969.83, 3848082.25	2.19961	84.8114	54.5518	0.0062056	0.2392706	0.1539021	1.57E-02	6.06E-01	3.90E-01	5.63E-03	2.17E-01	1.40E-01
2464	473969.83, 3848107.25	1.96068	77.6349	48.7418	0.0055315	0.2190242	0.1375106	1.40E-02	5.55E-01	3.48E-01	5.02E-03	1.99E-01	1.25E-01
2465	473969.83, 3848132.25	1.76946	70.669	45.1056	0.004992	0.199372	0.1272522	1.26E-02	5.05E-01	3.22E-01	4.53E-03	1.81E-01	1.15E-01
2466	473969.83, 3848157.25	1.61567	65.4853	42.3068	0.0045581	0.1847478	0.1193563	1.15E-02	4.68E-01	3.02E-01	4.14E-03	1.68E-01	1.08E-01
2467	473969.83, 3848182.25	1.49007	61.8695	40.3963	0.0042038	0.1745468	0.1139664	1.06E-02	4.42E-01	2.89E-01	3.81E-03	1.58E-01	1.03E-01
2468	473969.83, 3848207.25	1.38431	58.1346	38.7813	0.0039054	0.1640097	0.1094102	9.89E-03	4.15E-01	2.77E-01	3.54E-03	1.49E-01	9.93E-02
2469	473969.83, 3848232.25	1.29416	54.218	36.7705	0.0036511	0.1529602	0.1037373	9.25E-03	3.87E-01	2.63E-01	3.31E-03	1.39E-01	9.41E-02
2470	473969.83, 3848257.25	1.21206	51.1014	33.9965	0.0034195	0.1441678	0.0959113	8.66E-03	3.65E-01	2.43E-01	3.10E-03	1.31E-01	8.70E-02
2471	473969.83, 3848282.25	1.14328	49.1189	32.2764	0.0032254	0.1385746	0.0910585	8.17E-03	3.51E-01	2.31E-01	2.93E-03	1.26E-01	8.26E-02
2472	473969.83, 3848307.25	1.08413	47.9863	31.111	0.0030586	0.1353793	0.0877706	7.74E-03	3.43E-01	2.22E-01	2.78E-03	1.23E-01	7.96E-02
2473	473969.83, 3848332.25	1.02991	46.3384	29.9418	0.0029056	0.1307304	0.084472	7.36E-03	3.31E-01	2.14E-01	2.64E-03	1.19E-01	7.66E-02
2474	473969.83, 3848357.25	0.9847	44.6936	29.6558	0.002778	0.1260899	0.0836653	7.03E-03	3.19E-01	2.12E-01	2.52E-03	1.14E-01	7.59E-02
2475	473969.83, 3848382.25	0.94616	43.4184	28.9952	0.0026693	0.1224924	0.0818014	6.76E-03	3.10E-01	2.07E-01	2.42E-03	1.11E-01	7.42E-02

2476	473969.83, 3848407.25	0.90107	41.4842	28.7002	0.0025421	0.1170354	0.0809692	6.44E-03	2.96E-01	2.05E-01	2.31E-03	1.06E-01	7.35E-02
2477	473994.83, 3848007.25	4.55873	123.162	99.47	0.0128611	0.347466	0.2806257	3.26E-02	8.80E-01	7.11E-01	1.17E-02	3.15E-01	2.55E-01
2478	473994.83, 3848032.25	3.4965	112.779	81.32	0.0098644	0.318174	0.2294207	2.50E-02	8.06E-01	5.81E-01	8.95E-03	2.89E-01	2.08E-01
2479	473994.83, 3848057.25	2.84368	103.099	66.5003	0.0080226	0.2908649	0.1876113	2.03E-02	7.37E-01	4.75E-01	7.28E-03	2.64E-01	1.70E-01
2480	473994.83, 3848082.25	2.43069	92.4063	59.6197	0.0068575	0.2606973	0.1681995	1.74E-02	6.60E-01	4.26E-01	6.22E-03	2.37E-01	1.53E-01
2481	473994.83, 3848107.25	2.14538	84.4741	53.8247	0.0060526	0.2383189	0.1518508	1.53E-02	6.03E-01	3.85E-01	5.49E-03	2.16E-01	1.38E-01
2482	473994.83, 3848132.25	1.91532	76.6477	48.0675	0.0054035	0.2162392	0.1356083	1.37E-02	5.48E-01	3.43E-01	4.90E-03	1.96E-01	1.23E-01
2483	473994.83, 3848157.25	1.73383	69.7681	44.7158	0.0048915	0.1968302	0.1261525	1.24E-02	4.98E-01	3.19E-01	4.44E-03	1.79E-01	1.14E-01
2484	473994.83, 3848182.25	1.58933	65.152	42.5415	0.0044838	0.1838074	0.1200185	1.14E-02	4.65E-01	3.04E-01	4.07E-03	1.67E-01	1.09E-01
2485	473994.83, 3848207.25	1.46908	61.3331	40.4544	0.0041446	0.1730334	0.1141301	1.05E-02	4.38E-01	2.89E-01	3.76E-03	1.57E-01	1.04E-01
2486	473994.83, 3848232.25	1.36845	57.4464	38.4829	0.0038607	0.1620684	0.1085683	9.78E-03	4.10E-01	2.75E-01	3.50E-03	1.47E-01	9.85E-02
2487	473994.83, 3848257.25	1.27659	53.4187	36.0815	0.0036015	0.1507053	0.1017935	9.12E-03	3.82E-01	2.58E-01	3.27E-03	1.37E-01	9.24E-02
2488	473994.83, 3848282.25	1.20072	50.8225	33.3272	0.0033875	0.1433808	0.0940231	8.58E-03	3.63E-01	2.38E-01	3.07E-03	1.30E-01	8.53E-02
2489	473994.83, 3848307.25	1.1358	49.405	32.2607	0.0032043	0.1393818	0.0910142	8.11E-03	3.53E-01	2.30E-01	2.91E-03	1.26E-01	8.26E-02
2490	473994.83, 3848332.25	1.07597	47.9151	31.2472	0.0030355	0.1351786	0.0881548	7.69E-03	3.42E-01	2.23E-01	2.75E-03	1.23E-01	8.00E-02
2491	473994.83, 3848357.25	1.02528	46.1432	30.44	0.0028925	0.1301796	0.0858775	7.32E-03	3.30E-01	2.17E-01	2.62E-03	1.18E-01	7.79E-02
2492	473994.83, 3848382.25	0.98289	44.7204	29.5199	0.0027729	0.1261654	0.0832817	7.02E-03	3.19E-01	2.11E-01	2.52E-03	1.14E-01	7.56E-02
2493	473994.83, 3848407.25	0.93723	42.9616	29.0722	0.0026441	0.1212036	0.0820186	6.70E-03	3.07E-01	2.08E-01	2.40E-03	1.10E-01	7.44E-02
2494	473994.83, 3848432.25	0.89247	41.1091	28.4814	0.0025178	0.1159773	0.0803519	6.38E-03	2.94E-01	2.03E-01	2.28E-03	1.05E-01	7.29E-02
2495	474019.83, 3848032.25	4.15236	120.643	94.4073	0.0117147	0.3403587	0.2663428	2.97E-02	8.62E-01	6.74E-01	1.06E-02	3.09E-01	2.42E-01
2496	474019.83, 3848057.25	3.26092	110.382	76.854	0.0091997	0.3114095	0.2168211	2.33E-02	7.89E-01	5.49E-01	8.35E-03	2.83E-01	1.97E-01
2497	474019.83, 3848082.25	2.73797	102.343	65.1565	0.0077244	0.2887312	0.1838199	1.96E-02	7.31E-01	4.65E-01	7.01E-03	2.62E-01	1.67E-01
2498	474019.83, 3848107.25	2.37241	92.3327	59.5454	0.0066931	0.2604898	0.1679901	1.69E-02	6.60E-01	4.25E-01	6.07E-03	2.36E-01	1.52E-01
2499	474019.83, 3848132.25	2.09229	83.4723	52.6475	0.0059028	0.2354926	0.1485297	1.49E-02	5.96E-01	3.76E-01	5.36E-03	2.14E-01	1.35E-01
2500	474019.83, 3848157.25	1.87631	75.5257	47.9253	0.0052935	0.2130737	0.1352072	1.34E-02	5.40E-01	3.42E-01	4.80E-03	1.93E-01	1.23E-01
2501	474019.83, 3848182.25	1.70524	69.0192	44.6479	0.0048108	0.1947174	0.1259611	1.22E-02	4.93E-01	3.19E-01	4.37E-03	1.77E-01	1.14E-01
2502	474019.83, 3848207.25	1.56451	64.6209	42.2014	0.0044138	0.1823089	0.119059	1.12E-02	4.62E-01	3.01E-01	4.00E-03	1.65E-01	1.08E-01
2503	474019.83, 3848232.25	1.44965	60.6474	40.3958	0.0040898	0.1710988	0.1139651	1.04E-02	4.33E-01	2.89E-01	3.71E-03	1.55E-01	1.03E-01
2504	474019.83, 3848257.25	1.34852	56.303	37.9684	0.0038045	0.1588425	0.1071169	9.63E-03	4.02E-01	2.71E-01	3.45E-03	1.44E-01	9.72E-02
2505	474019.83, 3848282.25	1.26496	53.0407	35.4245	0.0035687	0.1496389	0.0999399	9.04E-03	3.79E-01	2.53E-01	3.24E-03	1.36E-01	9.07E-02
2506	474019.83, 3848307.25	1.19371	50.8512	33.4347	0.0033677	0.1434618	0.0943262	8.53E-03	3.63E-01	2.39E-01	3.06E-03	1.30E-01	8.56E-02
2507	474019.83, 3848332.25	1.12861	49.5607	32.1145	0.003184	0.1398211	0.0906017	8.06E-03	3.54E-01	2.29E-01	2.89E-03	1.27E-01	8.22E-02
2508	474019.83, 3848357.25	1.06979	47.7789	30.974	0.0030181	0.1347942	0.087384	7.64E-03	3.41E-01	2.21E-01	2.74E-03	1.22E-01	7.93E-02
2509	474019.83, 3848382.25	1.02235	46.1059	30.5822	0.0028843	0.1300743	0.0862788	7.30E-03	3.29E-01	2.18E-01	2.62E-03	1.18E-01	7.83E-02
2510	474019.83, 3848407.25	0.97373	44.4018	29.5477	0.0027471	0.1252668	0.0833603	6.96E-03	3.17E-01	2.11E-01	2.49E-03	1.14E-01	7.56E-02
2511	474019.83, 3848432.25	0.9284	42.4846	29.3837	0.0026192	0.1198578	0.0828975	6.63E-03	3.03E-01	2.10E-01	2.38E-03	1.09E-01	7.52E-02
2512	474019.83, 3848457.25	0.88833	40.7266	28.8468	0.0025062	0.1148982	0.0813827	6.35E-03	2.91E-01	2.06E-01	2.27E-03	1.04E-01	7.38E-02
2513	474044.83, 3848057.25	3.8631	118.534	89.448	0.0108986	0.3344078	0.2523514	2.76E-02	8.47E-01	6.39E-01	9.89E-03	3.03E-01	2.29E-01
2514	474044.83, 3848082.25	3.14873	110.166	74.6161	0.0088832	0.3108018	0.2105077	2.25E-02	7.87E-01	5.33E-01	8.06E-03	2.82E-01	1.91E-01
2515	474044.83, 3848107.25	2.65238	101.5	64.5539	0.0074829	0.2863512	0.18212	1.89E-02	7.25E-01	4.61E-01	6.79E-03	2.60E-01	1.65E-01
2516	474044.83, 3848132.25	2.30623	91.1071	58.9406	0.0065064	0.2570322	0.1662837	1.65E-02	6.51E-01	4.21E-01	5.90E-03	2.33E-01	1.51E-01
2517	474044.83, 3848157.25	2.04792	82.4263	51.6918	0.0057776	0.2325418	0.1458334	1.46E-02	5.89E-01	3.69E-01	5.24E-03	2.11E-01	1.32E-01
2518	474044.83, 3848182.25	1.84327	74.364	47.6349	0.0052002	0.2097962	0.1343878	1.32E-02	5.31E-01	3.40E-01	4.72E-03	1.90E-01	1.22E-01
2519	474044.83, 3848207.25	1.67402	68.0945	44.2465	0.0047228	0.1921086	0.1248286	1.20E-02	4.86E-01	3.16E-01	4.29E-03	1.74E-01	1.13E-01
2520	474044.83, 3848232.25	1.542	63.9806	41.9425	0.0043503	0.1805027	0.1183286	1.10E-02	4.57E-01	3.00E-01	3.95E-03	1.64E-01	1.07E-01
2521	474044.83, 3848257.25	1.42973	59.7057	39.8674	0.0040336	0.1684423	0.1124741	1.02E-02	4.27E-01	2.85E-01	3.66E-03	1.53E-01	1.02E-01
2522	474044.83, 3848282.25	1.33766	55.633	37.7771	0.0037738	0.1569523	0.106577	9.56E-03	3.97E-01	2.70E-01	3.42E-03	1.42E-01	9.67E-02
2523	474044.83, 3848307.25	1.25832	52.9472	34.8538	0.00355	0.1493751	0.0983297	8.99E-03	3.78E-01	2.49E-01	3.22E-03	1.36E-01	8.92E-02
2524	474044.83, 3848332.25	1.18533	51.1119	33.4114	0.0033441	0.1441973	0.0942605	8.47E-03	3.65E-01	2.39E-01	3.03E-03	1.31E-01	8.55E-02
2525	474044.83, 3848357.25	1.12175	49.576	32.341	0.0031647	0.1398642	0.0912407	8.01E-03	3.54E-01	2.31E-01	2.87E-03	1.27E-01	8.28E-02
2526	474044.83, 3848382.25	1.06664	47.6848	31.4338	0.0030092	0.1345287	0.0886812	7.62E-03	3.41E-01	2.25E-01	2.73E-03	1.22E-01	8.05E-02
2527	474044.83, 3848407.25	1.01488	45.8753	30.3204	0.0028632	0.1294237	0.08554	7.25E-03	3.28E-01	2.17E-01	2.60E-03	1.17E-01	7.76E-02
2528	474044.83, 3848432.25	0.96574	43.9628	29.8267	0.0027246	0.1240282	0.0841472	6.90E-03	3.14E-01	2.13E-01	2.47E-03	1.13E-01	7.63E-02
2529	474044.83, 3848457.25	0.91979	42.0678	29.2175	0.0025949	0.118682	0.0824286	6.57E-03	3.01E-01	2.09E-01	2.35E-03	1.08E-01	7.48E-02
2530	474044.83, 3848482.25	0.8784	40.8207	28.5835	0.0024781	0.1151637	0.0806399	6.28E-03	2.92E-01	2.04E-01	2.25E-03	1.04E-01	7.32E-02
2531	474069.83, 3848057.25	4.74878	127.137	105.064	0.0133973	0.35868	0.2964064	3.39E-02	9.08E-01	7.51E-01	1.22E-02	3.25E-01	2.69E-01
2532	474069.83, 3848082.25	3.70298	117.735	87.3836	0.0104469	0.3321552	0.2465272	2.65E-02	8.41E-01	6.24E-01	9.48E-03	3.01E-01	2.24E-01
2533	474069.83, 3848107.25	3.01069	108.617	71.0818	0.0084938	0.3064325	0.2005366	2.15E-02	7.76E-01	5.08E-01	7.71E-03	2.78E-01	1.82E-01
2534	474069.83, 3848132.25	2.5674	99.8423	63.8774	0.0072432	0.281676	0.1802114	1.83E-02	7.13E-01	4.56E-01	6.57E-03	2.56E-01	1.64E-01
2535	474069.83, 3848157.25	2.24833	89.7683	57.4961	0.006343	0.2532551	0.1622085	1.61E-02	6.41E-01	4.11E-01	5.76E-03	2.30E-01	1.47E-01
2536	474069.83, 3848182.25	2.00203	80.8472	50.7887	0.0056481	0.2280867	0.1432854	1.43E-02	5.78E-01	3.63E-01	5.12E-03	2.07E-01	1.30E-01
2537	474069.83, 3848207.25	1.80343	72.8062	46.8436	0.0050879	0.2054014	0.1321557	1.29E-02	5.20E-01	3.35E-01	4.62E-03	1.86E-01	1.20E-01
2538	474069.83, 3848232.25	1.64741	67.4558	44.1444	0.0046477	0.190307	0.1245404	1.18E-02	4.82E-01	3.15E-01	4.22E-03	1.73E-01	1.13E-01
2539	474069.83, 3848257.25	1.52008	63.1425	41.9164	0.0042885	0.1781381	0.1182549	1.09E-02	4.51E-01	2.99E-01	3.89E-03	1.62E-01	1.07E-01
2540	474069.83, 3848282.25	1.41784	59.0413	39.6341	0.004	0.1665678	0.1118161	1.01E-02	4.22E-01	2.83E-01	3.63E-03	1.51E-01	1.01E-01
2541	474069.83, 3848307.25	1.33021	55.496	37.4065	0.0037528	0.1565659	0.1055316	9.50E-03	3.96E-01	2.67E-01	3.41E-03	1.42E-01	9.58E-02
2542	474069.83, 3848332.25	1.24833	52.728	34.7226	0.0035218	0.1487568	0.0979596	8.92E-03	3.77E-01	2.48E-01	3.20E-03	1.35E-01	8.89E-02
2543	474069.83, 3848357.25	1.17654	51.2093	33.2981	0.0033193	0.144472	0.0939409	8.40E-03	3.66E-01	2.38E-01	3.01E-03	1.31E-01	8.52E-02
2544	474069.83, 3848382.25	1.11534	49.438	32.1646	0.0031466	0.139475	0.0907429	7.97E-03	3.53E-01	2.30E-01	2.86E-03	1.27E-01	8.23E-02
2545	474069.83, 3848407.25	1.05886	47.4061	31.4108	0.0029873	0.1337425	0.0886164	7.56E-03	3.39E-01	2.24E-01	2.71E-03	1.21E-01	8.04E-02
2546	474069.83, 3848432.25	1.00536	45.5266	30.1868	0.0028363	0.12844	0.0851632	7.18E-03	3.25E-01	2.16E-01	2.57E-03	1.17E-01	7.73E-02
2547	474069.83, 3848457.25	0.95571	43.4309	30.0003	0.0026963	0.1225276	0.084637	6.83E-03	3.10E-01	2.14E-01	2.45E-03	1.11E-01	7.68E-02
2548	474069.83, 3848482.25	0.91364	41.5779	29.5716	0.0025776	0.1172998	0.0834276	6.53E-03	2.97E-01	2.11E-01	2.34E-03	1.06E-01	7.57E-02
2549	474094.83, 3848082.25	4.47532	125.43	100.36	0.0126258	0.3538651	0.2831372	3.20E-02	8.96E-01	7.17E-01	1.15E-02	3.21E-01	2.57E-01
2550	474094.83, 3848107.25	3.53442	116.398	84.6757	0.0099713	0.3283831	0.2388879	2.52E-02	8.32E-01	6.05E-01	9.05E-03	2.98E-01	2.17E-01
2551	474094.83, 3848132.25	2.91821	107.88	69.5079	0.0082329	0.3043533	0.1960963	2.08E-02	7.71E-01	4.97E-01	7.47E-03	2.76E-01	1.78E-01
2552	474094.83, 3848157.25	2.49432	98.0373	63.027	0.007037	0.2765835	0.1778123	1.78E-02	7.00E-01	4.50E-01	6.38E-03	2.51E-01	1.61E-01
2553	474094.83, 3848182.25	2.18792	87.7783	55.8187	0.0061726	0.2476409	0.1574762	1.56E-02	6.27E-01	3.99E-01	5.60E-03	2.25E-01	1.43E-01
2554	474094.83, 3848207.25	1.95694	78.9257	50.2231	0.0055209	0.2226658	0.1416899	1.40E-02	5.64E-01	3.59E-01	5.01E-03	2.02E-01	1.29E-01
2555	474094.83, 3848232.25	1.77051	71.4778	46.4091	0.004995	0.2016538	0.1309296	1.26E-02	5.11E-01	3.32E-01	4.53E-03	1.83E-01	1.19E-01

2556	474094.83, 3848257.25	1.62505	66.8482	43.9409	0.0045846	0.1885928	0.1239663	1.16E-02	4.78E-01	3.14E-01	4.16E-03	1.71E-01	1.12E-01
2557	474094.83, 3848282.25	1.50801	62.7068	41.7944	0.0042544	0.1769089	0.1179107	1.08E-02	4.48E-01	2.99E-01	3.86E-03	1.61E-01	1.07E-01
2558	474094.83, 3848307.25	1.40861	58.3279	39.5252	0.003974	0.1645553	0.1115089	1.01E-02	4.17E-01	2.82E-01	3.61E-03	1.49E-01	1.01E-01
2559	474094.83, 3848332.25	1.31837	55.041	36.5042	0.0037194	0.1552821	0.102986	9.42E-03	3.93E-01	2.61E-01	3.37E-03	1.41E-01	9.34E-02
2560	474094.83, 3848357.25	1.23713	52.804	34.6124	0.0034902	0.1489711	0.0976486	8.84E-03	3.77E-01	2.47E-01	3.17E-03	1.35E-01	8.86E-02
2561	474094.83, 3848382.25	1.17061	51.3018	33.5	0.0033025	0.1447329	0.0945105	8.36E-03	3.66E-01	2.39E-01	3.00E-03	1.31E-01	8.58E-02
2562	474094.83, 3848407.25	1.10952	49.2379	32.4211	0.0031302	0.1389104	0.0914668	7.93E-03	3.52E-01	2.32E-01	2.84E-03	1.26E-01	8.30E-02
2563	474094.83, 3848432.25	1.05031	47.1444	31.1364	0.0029631	0.1330041	0.0878423	7.50E-03	3.37E-01	2.22E-01	2.69E-03	1.21E-01	7.97E-02
2564	474094.83, 3848457.25	0.99519	44.9491	30.5927	0.0028076	0.1268108	0.0863083	7.11E-03	3.21E-01	2.19E-01	2.55E-03	1.15E-01	7.83E-02
2565	474094.83, 3848482.25	0.95222	43.2455	30.1762	0.0026864	0.1220046	0.0851334	6.80E-03	3.09E-01	2.16E-01	2.44E-03	1.11E-01	7.72E-02
2566	474094.83, 3848507.25	0.90908	42.41	29.4688	0.0025647	0.1196475	0.0831377	6.49E-03	3.03E-01	2.11E-01	2.33E-03	1.09E-01	7.54E-02
2567	474119.83, 3848107.25	4.34305	125.099	98.7865	0.0122526	0.3529306	0.2786973	3.10E-02	8.94E-01	7.06E-01	1.11E-02	3.20E-01	2.53E-01
2568	474119.83, 3848132.25	3.39248	115.266	82.0085	0.0095709	0.3251889	0.2313631	2.42E-02	8.23E-01	5.86E-01	8.68E-03	2.95E-01	2.10E-01
2569	474119.83, 3848157.25	2.81337	106.408	68.3366	0.0079371	0.3001989	0.1927917	2.01E-02	7.60E-01	4.88E-01	7.20E-03	2.72E-01	1.75E-01
2570	474119.83, 3848182.25	2.42886	96.3877	62.0818	0.0068523	0.2719298	0.1751457	1.74E-02	6.89E-01	4.43E-01	6.22E-03	2.47E-01	1.59E-01
2571	474119.83, 3848207.25	2.14049	86.1525	54.3405	0.0060388	0.2430541	0.1533059	1.53E-02	6.15E-01	3.88E-01	5.48E-03	2.21E-01	1.39E-01
2572	474119.83, 3848232.25	1.9229	77.3963	49.7454	0.0054249	0.2183512	0.1403422	1.37E-02	5.53E-01	3.55E-01	4.92E-03	1.98E-01	1.27E-01
2573	474119.83, 3848257.25	1.74987	71.0134	46.4324	0.0049367	0.2003437	0.1309953	1.25E-02	5.07E-01	3.32E-01	4.48E-03	1.82E-01	1.19E-01
2574	474119.83, 3848282.25	1.60958	66.4561	43.8786	0.004541	0.1874865	0.1237906	1.15E-02	4.75E-01	3.13E-01	4.12E-03	1.70E-01	1.12E-01
2575	474119.83, 3848307.25	1.49241	61.8361	41.4808	0.0042104	0.1744524	0.1170259	1.07E-02	4.42E-01	2.96E-01	3.82E-03	1.58E-01	1.06E-01
2576	474119.83, 3848332.25	1.39226	57.5815	39.0269	0.0039279	0.1624494	0.1101031	9.95E-03	4.11E-01	2.79E-01	3.56E-03	1.47E-01	9.99E-02
2577	474119.83, 3848357.25	1.30694	54.6791	35.8612	0.0036871	0.154261	0.1011719	9.34E-03	3.91E-01	2.56E-01	3.35E-03	1.40E-01	9.18E-02
2578	474119.83, 3848382.25	1.23089	53.0809	34.643	0.0034726	0.1497523	0.0977351	8.79E-03	3.79E-01	2.47E-01	3.15E-03	1.36E-01	8.87E-02
2579	474119.83, 3848407.25	1.16471	51.2115	33.4922	0.0032859	0.1444784	0.0944886	8.32E-03	3.66E-01	2.39E-01	2.98E-03	1.31E-01	8.57E-02
2580	474119.83, 3848432.25	1.10002	48.8811	32.364	0.0031034	0.1379038	0.0913055	7.86E-03	3.49E-01	2.31E-01	2.82E-03	1.25E-01	8.28E-02
2581	474119.83, 3848457.25	1.03805	46.6411	30.9267	0.0029286	0.1315842	0.0872506	7.42E-03	3.33E-01	2.21E-01	2.66E-03	1.19E-01	7.92E-02
2582	474119.83, 3848482.25	0.99141	44.7708	30.9341	0.002797	0.1263077	0.0872714	7.08E-03	3.20E-01	2.21E-01	2.54E-03	1.15E-01	7.92E-02
2583	474119.83, 3848507.25	0.94537	42.841	30.3275	0.0026671	0.1208633	0.0855602	6.75E-03	3.06E-01	2.17E-01	2.42E-03	1.10E-01	7.76E-02
2584	474119.83, 3848532.25	0.90517	43.5787	30.1618	0.0025537	0.1229447	0.0850927	6.47E-03	3.11E-01	2.15E-01	2.32E-03	1.12E-01	7.72E-02
2585	474144.83, 3848107.25	5.47877	132.585	113.984	0.0154568	0.374051	0.3215726	3.91E-02	9.47E-01	8.14E-01	1.40E-02	3.39E-01	2.92E-01
2586	474144.83, 3848132.25	4.05838	122.914	94.4438	0.0114495	0.3467665	0.2664456	2.90E-02	8.78E-01	6.75E-01	1.04E-02	3.15E-01	2.42E-01
2587	474144.83, 3848157.25	3.25161	113.795	79.1983	0.0091735	0.3210398	0.2234349	2.32E-02	8.13E-01	5.66E-01	8.32E-03	2.91E-01	2.03E-01
2588	474144.83, 3848182.25	2.7273	105.068	67.5728	0.0076943	0.2964177	0.190637	1.95E-02	7.51E-01	4.83E-01	6.98E-03	2.69E-01	1.73E-01
2589	474144.83, 3848207.25	2.35153	93.4324	60.1079	0.0066342	0.2635921	0.1695769	1.68E-02	6.67E-01	4.29E-01	6.02E-03	2.39E-01	1.54E-01
2590	474144.83, 3848232.25	2.10209	84.6951	53.3121	0.0059304	0.2389426	0.1504044	1.50E-02	6.05E-01	3.81E-01	5.38E-03	2.17E-01	1.36E-01
2591	474144.83, 3848257.25	1.8978	76.5054	49.4322	0.0053541	0.2158375	0.1394585	1.36E-02	5.47E-01	3.53E-01	4.86E-03	1.96E-01	1.27E-01
2592	474144.83, 3848282.25	1.72912	70.5509	46.2881	0.0048782	0.1990387	0.1305882	1.24E-02	5.04E-01	3.31E-01	4.43E-03	1.81E-01	1.18E-01
2593	474144.83, 3848307.25	1.59036	65.6031	43.767	0.0044867	0.1850801	0.1234758	1.14E-02	4.69E-01	3.13E-01	4.07E-03	1.68E-01	1.12E-01
2594	474144.83, 3848332.25	1.47662	60.7497	40.9351	0.0041659	0.1713877	0.1154865	1.05E-02	4.34E-01	2.92E-01	3.78E-03	1.56E-01	1.05E-01
2595	474144.83, 3848357.25	1.38325	57.2241	38.1593	0.0039024	0.1614412	0.1076553	9.88E-03	4.09E-01	2.73E-01	3.54E-03	1.46E-01	9.77E-02
2596	474144.83, 3848382.25	1.298	54.8336	36.0876	0.0036619	0.1546969	0.1018106	9.27E-03	3.92E-01	2.58E-01	3.32E-03	1.40E-01	9.24E-02
2597	474144.83, 3848407.25	1.22322	53.1181	34.6693	0.003451	0.1498572	0.0978093	8.74E-03	3.79E-01	2.48E-01	3.13E-03	1.36E-01	8.87E-02
2598	474144.83, 3848432.25	1.15152	50.6672	33.2998	0.0032487	0.1429427	0.0939455	8.23E-03	3.62E-01	2.38E-01	2.95E-03	1.30E-01	8.52E-02
2599	474144.83, 3848457.25	1.08454	48.2737	31.8103	0.0030597	0.13619	0.0897435	7.75E-03	3.45E-01	2.27E-01	2.78E-03	1.24E-01	8.14E-02
2600	474144.83, 3848482.25	1.03233	46.2839	31.6665	0.0029124	0.1305765	0.0893379	7.37E-03	3.31E-01	2.26E-01	2.64E-03	1.18E-01	8.11E-02
2601	474144.83, 3848507.25	0.98268	44.2594	31.0407	0.0027723	0.124865	0.0875723	7.02E-03	3.16E-01	2.22E-01	2.52E-03	1.13E-01	7.95E-02
2602	474144.83, 3848532.25	0.94025	44.0341	30.5708	0.0026526	0.1242293	0.0862464	6.72E-03	3.15E-01	2.18E-01	2.41E-03	1.13E-01	7.83E-02
2603	474144.83, 3848557.25	0.90152	44.6087	30.5961	0.0025434	0.1258504	0.086318	6.44E-03	3.19E-01	2.19E-01	2.31E-03	1.14E-01	7.83E-02
2604	474169.83, 3848132.25	5.19186	131.564	111.102	0.0146473	0.3711689	0.3134406	3.71E-02	9.40E-01	7.94E-01	1.33E-02	3.37E-01	2.84E-01
2605	474169.83, 3848157.25	3.94198	122.625	93.5368	0.0111211	0.3459507	0.2638868	2.82E-02	8.76E-01	6.68E-01	1.01E-02	3.14E-01	2.39E-01
2606	474169.83, 3848182.25	3.16106	113.048	76.7896	0.008918	0.3189323	0.2166393	2.26E-02	8.08E-01	5.49E-01	8.09E-03	2.89E-01	1.97E-01
2607	474169.83, 3848207.25	2.66626	104.125	67.1891	0.0075221	0.2937593	0.1895544	1.90E-02	7.44E-01	4.80E-01	6.83E-03	2.67E-01	1.72E-01
2608	474169.83, 3848232.25	2.30095	91.6512	58.7341	0.0064915	0.2585671	0.1657011	1.64E-02	6.55E-01	4.20E-01	5.89E-03	2.35E-01	1.50E-01
2609	474169.83, 3848257.25	2.08414	84.1475	53.7135	0.0058798	0.2373976	0.1515368	1.49E-02	6.01E-01	3.84E-01	5.33E-03	2.15E-01	1.37E-01
2610	474169.83, 3848282.25	1.88611	76.2486	49.6851	0.0053211	0.2151133	0.1401719	1.35E-02	5.45E-01	3.55E-01	4.83E-03	1.95E-01	1.27E-01
2611	474169.83, 3848307.25	1.71017	69.9775	46.264	0.0048247	0.197421	0.1305203	1.22E-02	5.00E-01	3.30E-01	4.38E-03	1.79E-01	1.18E-01
2612	474169.83, 3848332.25	1.57476	64.7695	43.2501	0.0044427	0.1827282	0.1220174	1.12E-02	4.63E-01	3.09E-01	4.03E-03	1.66E-01	1.11E-01
2613	474169.83, 3848357.25	1.4677	60.1796	40.933	0.0041407	0.1697791	0.1154804	1.05E-02	4.30E-01	2.92E-01	3.76E-03	1.54E-01	1.05E-01
2614	474169.83, 3848382.25	1.3687	56.6914	37.2873	0.0038614	0.1599382	0.1051952	9.78E-03	4.05E-01	2.66E-01	3.50E-03	1.45E-01	9.54E-02
2615	474169.83, 3848407.25	1.2867	54.89	35.8114	0.00363	0.1548562	0.1010314	9.19E-03	3.92E-01	2.56E-01	3.29E-03	1.41E-01	9.17E-02
2616	474169.83, 3848432.25	1.20988	52.6654	34.633	0.0034133	0.1485801	0.0977069	8.64E-03	3.76E-01	2.47E-01	3.10E-03	1.35E-01	8.87E-02
2617	474169.83, 3848457.25	1.13644	50.0131	33.0333	0.0032061	0.1410975	0.0931938	8.12E-03	3.57E-01	2.36E-01	2.91E-03	1.28E-01	8.46E-02
2618	474169.83, 3848482.25	1.07636	47.9885	31.8724	0.0030366	0.1353856	0.0899187	7.69E-03	3.43E-01	2.28E-01	2.76E-03	1.23E-01	8.16E-02
2619	474169.83, 3848507.25	1.0275	46.0778	31.9421	0.0028988	0.129995	0.0901152	7.34E-03	3.29E-01	2.28E-01	2.63E-03	1.18E-01	8.18E-02
2620	474169.83, 3848532.25	0.97981	44.5122	31.2647	0.0027642	0.1255781	0.0882043	7.00E-03	3.18E-01	2.23E-01	2.51E-03	1.14E-01	8.00E-02
2621	474169.83, 3848557.25	0.93694	45.2827	31.2963	0.0026433	0.1277518	0.0882934	6.69E-03	3.23E-01	2.24E-01	2.40E-03	1.16E-01	8.01E-02
2622	474169.83, 3848582.25	0.89801	45.4042	30.3417	0.0025335	0.1280946	0.0856001	6.42E-03	3.24E-01	2.17E-01	2.30E-03	1.16E-01	7.77E-02
2623	474194.83, 3848157.25	4.97927	131.064	109.655	0.0140476	0.3697594	0.30936	3.56E-02	9.36E-01	7.83E-01	1.27E-02	3.35E-01	2.81E-01
2624	474194.83, 3848182.25	3.96093	123.683	95.3609	0.0111746	0.3489351	0.269033	2.83E-02	8.84E-01	6.81E-01	1.01E-02	3.17E-01	2.44E-01
2625	474194.83, 3848207.25	3.25924	115.506	80.0412	0.009195	0.3258652	0.2258129	2.33E-02	8.25E-01	5.72E-01	8.34E-03	2.96E-01	2.05E-01
2626	474194.83, 3848232.25	2.64054	104.202	67.5596	0.0074495	0.2939743	0.1905997	1.89E-02	7.44E-01	4.83E-01	6.76E-03	2.67E-01	1.73E-01
2627	474194.83, 3848257.25	2.31648	93.5578	59.6552	0.0065353	0.2639459	0.1682996	1.65E-02	6.68E-01	4.26E-01	5.93E-03	2.39E-01	1.53E-01
2628	474194.83, 3848282.25	2.06834	83.42	53.939	0.0058352	0.2353451	0.1521731	1.48E-02	5.96E-01	3.85E-01	5.29E-03	2.14E-01	1.38E-01
2629	474194.83, 3848307.25	1.86259	75.4007	49.5257	0.0052548	0.2127212	0.1397222	1.33E-02	5.39E-01	3.54E-01	4.77E-03	1.93E-01	1.27E-01
2630	474194.83, 3848332.25	1.6934	69.3314	46.0964	0.0047774	0.1955982	0.1300475	1.21E-02	4.95E-01	3.29E-01	4.33E-03	1.77E-01	1.18E-01
2631	474194.83, 3848357.25	1.5651	64.0851	43.1261	0.0044155	0.1807974	0.1216678	1.12E-02	4.58E-01	3.08E-01	4.01E-03	1.64E-01	1.10E-01
2632	474194.83, 3848382.25	1.45203	59.4899	40.1879	0.0040965	0.1678332	0.1133783	1.04E-02	4.25E-01	2.87E-01	3.72E-03	1.52E-01	1.03E-01
2633	474194.83, 3848407.25	1.35874	56.6717	37.3596	0.0038333	0.1598825	0.1053993	9.71E-03	4.05E-01	2.67E-01	3.48E-03	1.45E-01	9.56E-02
2634	474194.83, 3848432.25	1.27794	54.9218	35.7733	0.0036053	0.1549457	0.1009239	9.13E-03	3.92E-01	2.56E-01	3.27E-03	1.41E-01	9.16E-02
2635	474194.83, 3848457.25	1.20256	52.4851	34.4593	0.0033927	0.1480715	0.097217	8.59E-03	3.75E-01	2.46E-01	3.08E-03	1.34E-01	8.82E-02

2636	474194.83, 3848482.25	1.12765	49.8083	32.7456	0.0031813	0.1405197	0.0923822	8.06E-03	3.56E-01	2.34E-01	2.89E-03	1.27E-01	8.38E-02
2637	474194.83, 3848507.25	1.07034	47.5997	32.7595	0.0030197	0.1342885	0.0924213	7.65E-03	3.40E-01	2.34E-01	2.74E-03	1.22E-01	8.39E-02
2638	474194.83, 3848532.25	1.02332	45.7706	32.1792	0.002887	0.1291282	0.0907842	7.31E-03	3.27E-01	2.30E-01	2.62E-03	1.17E-01	8.24E-02
2639	474194.83, 3848557.25	0.9779	46.0237	32.0141	0.0027589	0.1298424	0.0903185	6.99E-03	3.29E-01	2.29E-01	2.50E-03	1.18E-01	8.19E-02
2640	474194.83, 3848582.25	0.93369	46.3396	31.5789	0.0026341	0.1307336	0.0890905	6.67E-03	3.31E-01	2.26E-01	2.39E-03	1.19E-01	8.08E-02
2641	474219.83, 3848182.25	4.70631	129.749	107.103	0.0132775	0.3660503	0.3021605	3.36E-02	9.27E-01	7.65E-01	1.20E-02	3.32E-01	2.74E-01
2642	474219.83, 3848207.25	3.64196	120.07	89.3064	0.0102747	0.3387411	0.251952	2.60E-02	8.58E-01	6.38E-01	9.32E-03	3.07E-01	2.29E-01
2643	474219.83, 3848232.25	3.02756	111.629	74.977	0.0085414	0.3149283	0.2115258	2.16E-02	7.97E-01	5.36E-01	7.75E-03	2.86E-01	1.92E-01
2644	474219.83, 3848257.25	2.58508	102.923	66.7947	0.007293	0.290366	0.1884418	1.85E-02	7.35E-01	4.77E-01	6.62E-03	2.63E-01	1.71E-01
2645	474219.83, 3848282.25	2.2793	91.8908	58.3544	0.0064304	0.259243	0.1646298	1.63E-02	6.56E-01	4.17E-01	5.83E-03	2.35E-01	1.49E-01
2646	474219.83, 3848307.25	2.04083	82.1259	53.3012	0.0057576	0.2316944	0.1503737	1.46E-02	5.87E-01	3.81E-01	5.22E-03	2.10E-01	1.36E-01
2647	474219.83, 3848332.25	1.83775	74.5558	49.1402	0.0051847	0.2103374	0.1386348	1.31E-02	5.33E-01	3.51E-01	4.70E-03	1.91E-01	1.26E-01
2648	474219.83, 3848357.25	1.68488	68.9607	46.0897	0.0047534	0.1945525	0.1300287	1.20E-02	4.93E-01	3.29E-01	4.31E-03	1.77E-01	1.18E-01
2649	474219.83, 3848382.25	1.55102	63.0103	42.7473	0.0043758	0.1777653	0.120599	1.11E-02	4.50E-01	3.05E-01	3.97E-03	1.61E-01	1.09E-01
2650	474219.83, 3848407.25	1.44266	59.1888	39.1903	0.00407	0.166984	0.1105639	1.03E-02	4.23E-01	2.80E-01	3.69E-03	1.52E-01	1.00E-01
2651	474219.83, 3848432.25	1.34925	56.8987	37.1242	0.0038065	0.1605231	0.1047351	9.64E-03	4.06E-01	2.65E-01	3.45E-03	1.46E-01	9.50E-02
2652	474219.83, 3848457.25	1.26265	54.4047	35.8189	0.0035622	0.1534871	0.1010525	9.02E-03	3.89E-01	2.56E-01	3.23E-03	1.39E-01	9.17E-02
2653	474219.83, 3848482.25	1.17995	51.4205	33.8743	0.0033289	0.1450679	0.0955663	8.43E-03	3.67E-01	2.42E-01	3.02E-03	1.32E-01	8.67E-02
2654	474219.83, 3848507.25	1.11824	49.4582	32.9992	0.0031548	0.1395318	0.0930977	7.99E-03	3.53E-01	2.36E-01	2.86E-03	1.27E-01	8.45E-02
2655	474219.83, 3848532.25	1.065	47.3947	32.9792	0.0030046	0.1337102	0.0930411	7.61E-03	3.39E-01	2.36E-01	2.73E-03	1.21E-01	8.44E-02
2656	474219.83, 3848557.25	1.01745	46.4294	32.4406	0.0028704	0.130987	0.0915217	7.27E-03	3.32E-01	2.32E-01	2.60E-03	1.19E-01	8.30E-02
2657	474219.83, 3848582.25	0.97464	47.3192	32.6895	0.0027497	0.1334973	0.0922239	6.96E-03	3.38E-01	2.34E-01	2.49E-03	1.21E-01	8.37E-02
2658	474219.83, 3848607.25	0.93644	47.4523	31.4533	0.0026419	0.1338728	0.0887363	6.69E-03	3.39E-01	2.25E-01	2.40E-03	1.21E-01	8.05E-02
2659	474244.83, 3848207.25	4.59294	129.321	106.088	0.0129576	0.3648424	0.299297	3.28E-02	9.24E-01	7.58E-01	1.18E-02	3.31E-01	2.72E-01
2660	474244.83, 3848232.25	3.57459	119.657	87.8138	0.0100847	0.3375778	0.2477409	2.55E-02	8.55E-01	6.27E-01	9.15E-03	3.06E-01	2.25E-01
2661	474244.83, 3848257.25	2.9657	110.661	74.7401	0.0083669	0.3121965	0.2108573	2.12E-02	7.91E-01	5.34E-01	7.59E-03	2.83E-01	1.91E-01
2662	474244.83, 3848282.25	2.56455	102.652	66.5511	0.0072351	0.2896019	0.1877546	1.83E-02	7.33E-01	4.75E-01	6.56E-03	2.63E-01	1.70E-01
2663	474244.83, 3848307.25	2.26545	91.1812	58.6861	0.0063913	0.2572413	0.1655658	1.62E-02	6.51E-01	4.19E-01	5.80E-03	2.33E-01	1.50E-01
2664	474244.83, 3848332.25	2.01966	81.1304	52.9857	0.0056979	0.2288858	0.1494837	1.44E-02	5.80E-01	3.79E-01	5.17E-03	2.08E-01	1.36E-01
2665	474244.83, 3848357.25	1.81837	73.8324	48.9874	0.00513	0.2082965	0.1382037	1.30E-02	5.27E-01	3.50E-01	4.65E-03	1.89E-01	1.25E-01
2666	474244.83, 3848382.25	1.65598	67.2161	45.1319	0.0046719	0.1896305	0.1273266	1.18E-02	4.80E-01	3.22E-01	4.24E-03	1.72E-01	1.16E-01
2667	474244.83, 3848407.25	1.53047	62.0356	42.3589	0.0043178	0.1750154	0.1195031	1.09E-02	4.43E-01	3.03E-01	3.92E-03	1.59E-01	1.08E-01
2668	474244.83, 3848432.25	1.42497	58.5968	38.5882	0.0040201	0.1653138	0.1088654	1.02E-02	4.19E-01	2.76E-01	3.65E-03	1.50E-01	9.88E-02
2669	474244.83, 3848457.25	1.33018	56.4319	36.854	0.0037527	0.159206	0.1039727	9.50E-03	4.03E-01	2.63E-01	3.40E-03	1.44E-01	9.43E-02
2670	474244.83, 3848482.25	1.24495	53.7041	35.1887	0.0035123	0.1515105	0.0992746	8.89E-03	3.84E-01	2.51E-01	3.19E-03	1.37E-01	9.01E-02
2671	474244.83, 3848507.25	1.17299	51.378	33.8065	0.0033092	0.1449481	0.0953752	8.38E-03	3.67E-01	2.42E-01	3.00E-03	1.32E-01	8.65E-02
2672	474244.83, 3848532.25	1.11226	49.0556	34.051	0.0031379	0.138396	0.0960649	7.95E-03	3.50E-01	2.43E-01	2.85E-03	1.26E-01	8.72E-02
2673	474244.83, 3848557.25	1.05998	47.0761	33.2604	0.0029904	0.1328115	0.0938346	7.57E-03	3.36E-01	2.38E-01	2.71E-03	1.21E-01	8.51E-02
2674	474244.83, 3848582.25	1.01252	47.8471	33.2629	0.0028565	0.1349867	0.0938416	7.23E-03	3.42E-01	2.38E-01	2.59E-03	1.22E-01	8.51E-02
2675	474244.83, 3848607.25	0.96712	48.1126	32.6086	0.0027284	0.1357358	0.0919955	6.91E-03	3.44E-01	2.33E-01	2.48E-03	1.23E-01	8.35E-02
2676	474244.83, 3848632.25	0.93117	47.6869	31.716	0.002627	0.1345347	0.0894775	6.65E-03	3.41E-01	2.27E-01	2.38E-03	1.22E-01	8.12E-02
2677	474269.83, 3848232.25	4.32267	127.111	102.409	0.0121952	0.3586076	0.2889171	3.09E-02	9.08E-01	7.32E-01	1.11E-02	3.25E-01	2.62E-01
2678	474269.83, 3848257.25	3.58152	120.099	87.7658	0.0101042	0.3388257	0.2476055	2.56E-02	8.58E-01	6.27E-01	9.17E-03	3.07E-01	2.25E-01
2679	474269.83, 3848282.25	2.95868	110.785	75.502	0.0083471	0.3125481	0.2130067	2.11E-02	7.91E-01	5.39E-01	7.57E-03	2.84E-01	1.93E-01
2680	474269.83, 3848307.25	2.52332	101.048	65.1065	0.0071188	0.2850773	0.1836788	1.80E-02	7.22E-01	4.65E-01	6.46E-03	2.59E-01	1.67E-01
2681	474269.83, 3848332.25	2.24082	89.7435	58.3671	0.0063218	0.2531852	0.1646658	1.60E-02	6.41E-01	4.17E-01	5.74E-03	2.30E-01	1.49E-01
2682	474269.83, 3848357.25	1.98266	79.4351	52.3459	0.0055935	0.2241031	0.1476786	1.42E-02	5.67E-01	3.74E-01	5.08E-03	2.03E-01	1.34E-01
2683	474269.83, 3848382.25	1.78505	72.1185	48.0561	0.005036	0.2034614	0.1355762	1.28E-02	5.15E-01	3.43E-01	4.57E-03	1.85E-01	1.23E-01
2684	474269.83, 3848407.25	1.63396	65.6725	44.3362	0.0046097	0.1852757	0.1250815	1.17E-02	4.69E-01	3.17E-01	4.18E-03	1.68E-01	1.13E-01
2685	474269.83, 3848432.25	1.51299	61.2344	40.8008	0.0042685	0.172755	0.1151076	1.08E-02	4.37E-01	2.91E-01	3.87E-03	1.57E-01	1.04E-01
2686	474269.83, 3848457.25	1.41119	58.6836	38.4915	0.0039813	0.1655586	0.1085925	1.01E-02	4.19E-01	2.75E-01	3.61E-03	1.50E-01	9.85E-02
2687	474269.83, 3848482.25	1.32102	56.316	37.0417	0.0037269	0.158879	0.1045023	9.44E-03	4.02E-01	2.65E-01	3.38E-03	1.44E-01	9.48E-02
2688	474269.83, 3848507.25	1.23738	53.54	35.2126	0.0034909	0.1510474	0.0993421	8.84E-03	3.82E-01	2.52E-01	3.17E-03	1.37E-01	9.01E-02
2689	474269.83, 3848532.25	1.16617	51.1924	34.3347	0.00329	0.1444245	0.0968653	8.33E-03	3.66E-01	2.45E-01	2.99E-03	1.31E-01	8.79E-02
2690	474269.83, 3848557.25	1.10726	48.9026	34.1357	0.0031238	0.1379644	0.0963039	7.91E-03	3.49E-01	2.44E-01	2.83E-03	1.25E-01	8.74E-02
2691	474269.83, 3848582.25	1.05666	48.44	33.7634	0.0029811	0.1366592	0.0952534	7.55E-03	3.46E-01	2.41E-01	2.70E-03	1.24E-01	8.64E-02
2692	474269.83, 3848607.25	1.00827	49.1071	33.8127	0.0028445	0.1385414	0.0953926	7.20E-03	3.51E-01	2.42E-01	2.58E-03	1.26E-01	8.66E-02
2693	474269.83, 3848632.25	0.96381	48.7779	32.357	0.0027191	0.1376127	0.0912857	6.89E-03	3.48E-01	2.31E-01	2.47E-03	1.25E-01	8.28E-02
2694	474269.83, 3848657.25	0.92387	47.3876	32.2365	0.0026064	0.1336904	0.0909459	6.60E-03	3.39E-01	2.30E-01	2.36E-03	1.21E-01	8.25E-02
2695	474294.83, 3848257.25	4.21776	126.425	101.459	0.0118992	0.3566711	0.2862364	3.01E-02	9.03E-01	7.25E-01	1.08E-02	3.24E-01	2.60E-01
2696	474294.83, 3848282.25	3.40305	117.604	83.5578	0.0096007	0.3317848	0.2357338	2.43E-02	8.40E-01	5.97E-01	8.71E-03	3.01E-01	2.14E-01
2697	474294.83, 3848307.25	2.97289	111.058	76.0523	0.0083871	0.3133177	0.2145593	2.12E-02	7.93E-01	5.43E-01	7.61E-03	2.84E-01	1.95E-01
2698	474294.83, 3848332.25	2.75068	105.514	70.079	0.0077602	0.2976778	0.1977074	1.97E-02	7.54E-01	5.01E-01	7.04E-03	2.70E-01	1.79E-01
2699	474294.83, 3848357.25	2.24262	89.5684	58.5322	0.0063269	0.252691	0.1651315	1.60E-02	6.40E-01	4.18E-01	5.74E-03	2.29E-01	1.50E-01
2700	474294.83, 3848382.25	1.95501	78.373	52.0013	0.0055155	0.2211064	0.1467065	1.40E-02	5.60E-01	3.71E-01	5.00E-03	2.01E-01	1.33E-01
2701	474294.83, 3848407.25	1.76423	70.9448	47.5815	0.0049773	0.2001502	0.1342373	1.26E-02	5.07E-01	3.40E-01	4.52E-03	1.82E-01	1.22E-01
2702	474294.83, 3848432.25	1.62071	64.9419	44.3628	0.0045724	0.1832146	0.1251568	1.16E-02	4.64E-01	3.17E-01	4.15E-03	1.66E-01	1.14E-01
2703	474294.83, 3848457.25	1.50403	61.0818	40.5316	0.0042432	0.1723244	0.114348	1.07E-02	4.36E-01	2.90E-01	3.85E-03	1.56E-01	1.04E-01
2704	474294.83, 3848482.25	1.40317	58.9249	38.5768	0.0039586	0.1662393	0.1088332	1.00E-02	4.21E-01	2.76E-01	3.59E-03	1.51E-01	9.87E-02
2705	474294.83, 3848507.25	1.30969	56.0707	36.6595	0.0036949	0.158187	0.103424	9.36E-03	4.01E-01	2.62E-01	3.35E-03	1.44E-01	9.38E-02
2706	474294.83, 3848532.25	1.2262	53.3083	35.1789	0.0034594	0.1503937	0.099247	8.76E-03	3.81E-01	2.51E-01	3.14E-03	1.36E-01	9.01E-02
2707	474294.83, 3848557.25	1.15842	50.7028	35.4532	0.0032681	0.1430431	0.1000208	8.28E-03	3.62E-01	2.53E-01	2.97E-03	1.30E-01	9.08E-02
2708	474294.83, 3848582.25	1.10238	48.817	34.5714	0.00311	0.1377229	0.0975331	7.88E-03	3.49E-01	2.47E-01	2.82E-03	1.25E-01	8.85E-02
2709	474294.83, 3848607.25	1.05023	49.8358	34.5371	0.0029629	0.1405971	0.0974363	7.50E-03	3.56E-01	2.47E-01	2.69E-03	1.28E-01	8.84E-02
2710	474294.83, 3848632.25	1.00223	49.9356	33.5696	0.0028275	0.1408786	0.0947068	7.16E-03	3.57E-01	2.40E-01	2.57E-03	1.28E-01	8.59E-02
2711	474294.83, 3848657.25	0.96244	49.13	33.1247	0.0027152	0.138606	0.0934517	6.88E-03	3.51E-01	2.37E-01	2.46E-03	1.26E-01	8.48E-02
2712	474294.83, 3848682.25	0.92537	47.2139	32.7912	0.0026107	0.1332001	0.0925108	6.61E-03	3.37E-01	2.34E-01	2.37E-03	1.21E-01	8.39E-02
2713	474319.83, 3848257.25	5.36686	134.045	116.892	0.015141	0.3781702	0.3297754	3.83E-02	9.58E-01	8.35E-01	1.37E-02	3.43E-01	2.99E-01
2714	474319.83, 3848282.25	4.24472	126.945	102.488	0.0119752	0.3581391	0.2891397	3.03E-02	9.07E-01	7.32E-01	1.09E-02	3.25E-01	2.62E-01
2715	474319.83, 3848307.25	3.59185	119.893	88.2012	0.0101334	0.3382432	0.248834	2.57E-02	8.56E-01	6.30E-01	9.19E-03	3.07E-01	2.26E-01

2716	474319.83, 3848332.25	3.09319	112.218	77.981	0.0087265	0.3165905	0.2200007	2.21E-02	8.02E-01	5.57E-01	7.92E-03	2.87E-01	2.00E-01
2717	474319.83, 3848357.25	2.72196	104.25	69.6926	0.0076792	0.2941102	0.1966172	1.94E-02	7.45E-01	4.98E-01	6.97E-03	2.67E-01	1.78E-01
2718	474319.83, 3848382.25	2.25354	89.6193	58.6366	0.0063577	0.2528348	0.1654261	1.61E-02	6.40E-01	4.19E-01	5.77E-03	2.29E-01	1.50E-01
2719	474319.83, 3848407.25	1.94407	78.0027	51.8173	0.0054846	0.2200618	0.1461872	1.39E-02	5.57E-01	3.70E-01	4.98E-03	2.00E-01	1.33E-01
2720	474319.83, 3848432.25	1.7485	69.8692	47.1798	0.0049329	0.1971155	0.133104	1.25E-02	4.99E-01	3.37E-01	4.48E-03	1.79E-01	1.21E-01
2721	474319.83, 3848457.25	1.61076	64.5757	43.6922	0.0045443	0.1821815	0.1232648	1.15E-02	4.61E-01	3.12E-01	4.12E-03	1.65E-01	1.12E-01
2722	474319.83, 3848482.25	1.4907	61.2142	40.4045	0.0042056	0.172698	0.1139894	1.06E-02	4.37E-01	2.89E-01	3.82E-03	1.57E-01	1.03E-01
2723	474319.83, 3848507.25	1.38526	58.3937	38.3915	0.0039081	0.1647408	0.1083105	9.90E-03	4.17E-01	2.74E-01	3.55E-03	1.49E-01	9.83E-02
2724	474319.83, 3848532.25	1.29007	55.2418	36.3474	0.0036396	0.1558485	0.1025437	9.22E-03	3.95E-01	2.60E-01	3.30E-03	1.41E-01	9.30E-02
2725	474319.83, 3848557.25	1.21394	52.8068	35.6594	0.0034248	0.1489791	0.1006026	8.67E-03	3.77E-01	2.55E-01	3.11E-03	1.35E-01	9.13E-02
2726	474319.83, 3848582.25	1.1521	50.4658	35.3834	0.0032503	0.1423746	0.0998238	8.23E-03	3.61E-01	2.53E-01	2.95E-03	1.29E-01	9.06E-02
2727	474319.83, 3848607.25	1.09528	50.4124	35.3088	0.00309	0.1422239	0.0996135	7.82E-03	3.60E-01	2.52E-01	2.80E-03	1.29E-01	9.04E-02
2728	474319.83, 3848632.25	1.04559	51.0725	34.9783	0.0029498	0.144086	0.098681	7.47E-03	3.65E-01	2.50E-01	2.68E-03	1.31E-01	8.95E-02
2729	474319.83, 3848657.25	0.99889	50.4688	33.6669	0.0028181	0.142383	0.0949814	7.14E-03	3.61E-01	2.41E-01	2.56E-03	1.29E-01	8.62E-02
2730	474319.83, 3848682.25	0.96344	49.0972	33.6835	0.0027181	0.1385134	0.095028	6.88E-03	3.51E-01	2.41E-01	2.47E-03	1.26E-01	8.62E-02
2731	474319.83, 3848707.25	0.92561	47.3185	33.5422	0.0026113	0.1334952	0.0946296	6.61E-03	3.38E-01	2.40E-01	2.37E-03	1.21E-01	8.59E-02
2732	474344.83, 3848282.25	5.34788	134.151	116.282	0.0150875	0.3784668	0.3280552	3.82E-02	9.58E-01	8.31E-01	1.37E-02	3.43E-01	2.98E-01
2733	474344.83, 3848307.25	4.18268	126.385	100.566	0.0118002	0.3565587	0.2837189	2.99E-02	9.03E-01	7.18E-01	1.07E-02	3.24E-01	2.57E-01
2734	474344.83, 3848332.25	3.38118	117.285	85.0353	0.009539	0.3308866	0.2399022	2.42E-02	8.38E-01	6.07E-01	8.66E-03	3.00E-01	2.18E-01
2735	474344.83, 3848357.25	2.8161	107.697	72.1839	0.0079448	0.3038351	0.2036458	2.01E-02	7.69E-01	5.16E-01	7.21E-03	2.76E-01	1.85E-01
2736	474344.83, 3848382.25	2.43913	96.3077	63.5301	0.0068813	0.2717042	0.1792317	1.74E-02	6.88E-01	4.54E-01	6.24E-03	2.47E-01	1.63E-01
2737	474344.83, 3848407.25	2.17882	86.4643	57.3104	0.0061469	0.2439338	0.1616845	1.56E-02	6.18E-01	4.09E-01	5.58E-03	2.21E-01	1.47E-01
2738	474344.83, 3848432.25	1.9456	77.9592	52.109	0.0054889	0.2199391	0.1470103	1.39E-02	5.57E-01	3.72E-01	4.98E-03	2.00E-01	1.33E-01
2739	474344.83, 3848457.25	1.74101	69.1381	47.1551	0.0049118	0.195053	0.1330342	1.24E-02	4.94E-01	3.37E-01	4.46E-03	1.77E-01	1.21E-01
2740	474344.83, 3848482.25	1.5933	63.9314	42.5759	0.004495	0.1803637	0.1201154	1.14E-02	4.57E-01	3.04E-01	4.08E-03	1.64E-01	1.09E-01
2741	474344.83, 3848507.25	1.47203	60.9738	39.962	0.0041529	0.1720199	0.1127411	1.05E-02	4.36E-01	2.85E-01	3.77E-03	1.56E-01	1.02E-01
2742	474344.83, 3848532.25	1.36572	57.7682	37.7928	0.003853	0.162976	0.1066213	9.76E-03	4.13E-01	2.70E-01	3.50E-03	1.48E-01	9.67E-02
2743	474344.83, 3848557.25	1.27831	55.0417	36.4354	0.0036064	0.1552841	0.1027917	9.13E-03	3.93E-01	2.60E-01	3.27E-03	1.41E-01	9.33E-02
2744	474344.83, 3848582.25	1.20648	52.3522	36.8211	0.0034037	0.1476964	0.1038799	8.62E-03	3.74E-01	2.63E-01	3.09E-03	1.34E-01	9.43E-02
2745	474344.83, 3848607.25	1.14508	50.9098	35.8965	0.0032305	0.1436271	0.1012715	8.18E-03	3.64E-01	2.56E-01	2.93E-03	1.30E-01	9.19E-02
2746	474344.83, 3848632.25	1.08844	51.8197	35.9638	0.0030707	0.146194	0.1014614	7.78E-03	3.70E-01	2.57E-01	2.79E-03	1.33E-01	9.21E-02
2747	474344.83, 3848657.25	1.03905	51.7818	34.4464	0.0029314	0.1460873	0.0971805	7.42E-03	3.70E-01	2.46E-01	2.66E-03	1.33E-01	8.82E-02
2748	474344.83, 3848682.25	0.99454	50.4754	34.454	0.0028058	0.1424017	0.0972018	7.10E-03	3.61E-01	2.46E-01	2.55E-03	1.29E-01	8.82E-02
2749	474344.83, 3848707.25	0.95517	48.3987	33.8102	0.0026947	0.1365427	0.0953856	6.82E-03	3.46E-01	2.42E-01	2.45E-03	1.24E-01	8.65E-02
2750	474369.83, 3848307.25	5.13147	132.938	113.892	0.0144769	0.3750449	0.3213144	3.67E-02	9.50E-01	8.14E-01	1.31E-02	3.40E-01	2.92E-01
2751	474369.83, 3848332.25	4.04264	125.104	97.6858	0.0114051	0.3529431	0.2755919	2.89E-02	8.94E-01	6.98E-01	1.03E-02	3.20E-01	2.50E-01
2752	474369.83, 3848357.25	3.36465	116.821	84.7474	0.0094924	0.3295775	0.23909	2.40E-02	8.35E-01	6.05E-01	8.61E-03	2.99E-01	2.17E-01
2753	474369.83, 3848382.25	2.81029	107.148	71.8666	0.0079284	0.3022863	0.2027506	2.01E-02	7.65E-01	5.13E-01	7.19E-03	2.74E-01	1.84E-01
2754	474369.83, 3848407.25	2.3921	93.9211	62.1075	0.0067486	0.2649708	0.1752181	1.71E-02	6.71E-01	4.44E-01	6.12E-03	2.40E-01	1.59E-01
2755	474369.83, 3848432.25	2.10196	83.1048	55.5046	0.0059301	0.2344559	0.15659	1.50E-02	5.94E-01	3.97E-01	5.38E-03	2.13E-01	1.42E-01
2756	474369.83, 3848457.25	1.89205	75.1243	50.659	0.0053379	0.2119411	0.1429194	1.35E-02	5.37E-01	3.62E-01	4.84E-03	1.92E-01	1.30E-01
2757	474369.83, 3848482.25	1.72086	68.2957	46.7929	0.0048549	0.1926762	0.1320125	1.23E-02	4.88E-01	3.34E-01	4.41E-03	1.75E-01	1.20E-01
2758	474369.83, 3848507.25	1.5784	63.9157	42.4473	0.004453	0.1803194	0.1197525	1.13E-02	4.57E-01	3.03E-01	4.04E-03	1.64E-01	1.09E-01
2759	474369.83, 3848532.25	1.45258	60.4383	39.8718	0.004098	0.170509	0.1124867	1.04E-02	4.32E-01	2.85E-01	3.72E-03	1.55E-01	1.02E-01
2760	474369.83, 3848557.25	1.34979	57.1977	37.7176	0.003808	0.1613667	0.1064091	9.64E-03	4.09E-01	2.69E-01	3.46E-03	1.46E-01	9.65E-02
2761	474369.83, 3848582.25	1.2671	54.6079	37.2391	0.0035748	0.1540602	0.1050593	9.05E-03	3.90E-01	2.66E-01	3.24E-03	1.40E-01	9.53E-02
2762	474369.83, 3848607.25	1.19962	52.0621	36.7013	0.0033844	0.1468779	0.1035419	8.57E-03	3.72E-01	2.62E-01	3.07E-03	1.33E-01	9.39E-02
2763	474369.83, 3848632.25	1.13853	52.6232	36.7385	0.003212	0.148461	0.103647	8.13E-03	3.76E-01	2.62E-01	2.91E-03	1.35E-01	9.40E-02
2764	474369.83, 3848657.25	1.08358	53.0067	36.2196	0.003057	0.1495429	0.1021829	7.74E-03	3.79E-01	2.59E-01	2.77E-03	1.36E-01	9.27E-02
2765	474369.83, 3848682.25	1.03422	52.0886	35.0866	0.0029177	0.1469528	0.0989865	7.39E-03	3.72E-01	2.51E-01	2.65E-03	1.33E-01	8.98E-02
2766	474369.83, 3848707.25	0.99418	50.1822	35.0603	0.0028048	0.1415743	0.0989125	7.10E-03	3.58E-01	2.50E-01	2.54E-03	1.28E-01	8.97E-02
2767	474369.83, 3848732.25	0.9606	49.3135	35.5106	0.0027101	0.1391237	0.1001828	6.86E-03	3.52E-01	2.54E-01	2.46E-03	1.26E-01	9.09E-02
2768	474394.83, 3848332.25	4.93068	131.959	112.337	0.0139105	0.3722831	0.316925	3.52E-02	9.43E-01	8.03E-01	1.26E-02	3.38E-01	2.88E-01
2769	474394.83, 3848357.25	3.87683	123.32	94.8584	0.0109373	0.3479121	0.2676153	2.77E-02	8.81E-01	6.78E-01	9.92E-03	3.16E-01	2.43E-01
2770	474394.83, 3848382.25	3.11003	112.615	79.3704	0.008774	0.3177102	0.2239204	2.22E-02	8.04E-01	5.67E-01	7.96E-03	2.88E-01	2.03E-01
2771	474394.83, 3848407.25	2.78039	105.998	71.6427	0.0078441	0.2990412	0.202119	1.99E-02	7.57E-01	5.12E-01	7.12E-03	2.71E-01	1.83E-01
2772	474394.83, 3848432.25	2.46649	95.9382	63.8807	0.0069585	0.2706616	0.1802206	1.76E-02	6.85E-01	4.56E-01	6.31E-03	2.46E-01	1.64E-01
2773	474394.83, 3848457.25	2.11532	83.6224	55.8268	0.0059678	0.2359163	0.1574991	1.51E-02	5.97E-01	3.99E-01	5.41E-03	2.14E-01	1.43E-01
2774	474394.83, 3848482.25	1.88092	74.1009	50.4492	0.0053065	0.209054	0.1423277	1.34E-02	5.29E-01	3.60E-01	4.81E-03	1.90E-01	1.29E-01
2775	474394.83, 3848507.25	1.70394	67.6528	45.3628	0.0048072	0.1908626	0.127978	1.22E-02	4.83E-01	3.24E-01	4.36E-03	1.73E-01	1.16E-01
2776	474394.83, 3848532.25	1.55666	63.6561	41.7699	0.0043917	0.179587	0.1178414	1.11E-02	4.55E-01	2.98E-01	3.98E-03	1.63E-01	1.07E-01
2777	474394.83, 3848557.25	1.43513	60.0579	39.5156	0.0040488	0.1694358	0.1114816	1.03E-02	4.29E-01	2.82E-01	3.67E-03	1.54E-01	1.01E-01
2778	474394.83, 3848582.25	1.33731	57.0261	37.8787	0.0037728	0.1608824	0.1068637	9.55E-03	4.07E-01	2.71E-01	3.42E-03	1.46E-01	9.70E-02
2779	474394.83, 3848607.25	1.26127	54.2945	38.3375	0.0035583	0.1531759	0.1081581	9.01E-03	3.88E-01	2.74E-01	3.23E-03	1.39E-01	9.81E-02
2780	474394.83, 3848632.25	1.194	53.3306	37.48	0.0033685	0.1504567	0.1057389	8.53E-03	3.81E-01	2.68E-01	3.06E-03	1.37E-01	9.59E-02
2781	474394.83, 3848657.25	1.13205	54.0721	37.4458	0.0031937	0.1525486	0.1056425	8.09E-03	3.86E-01	2.68E-01	2.90E-03	1.38E-01	9.59E-02
2782	474394.83, 3848682.25	1.07821	53.6517	35.944	0.0030419	0.1513626	0.1014054	7.70E-03	3.83E-01	2.57E-01	2.76E-03	1.37E-01	9.20E-02
2783	474394.83, 3848707.25	1.03042	51.8615	35.7305	0.002907	0.1463122	0.1008031	7.36E-03	3.70E-01	2.55E-01	2.64E-03	1.33E-01	9.15E-02
2784	474394.83, 3848732.25	0.9881	49.9649	35.6026	0.0027876	0.1409614	0.1004425	7.06E-03	3.57E-01	2.54E-01	2.53E-03	1.28E-01	9.11E-02
2785	474394.83, 3848757.25	0.95743	49.5682	35.8872	0.0027011	0.1398422	0.1012453	6.84E-03	3.54E-01	2.56E-01	2.45E-03	1.27E-01	9.19E-02
2786	474419.83, 3848357.25	4.86904	131.569	112.048	0.0137366	0.3711838	0.3161108	3.48E-02	9.40E-01	8.00E-01	1.25E-02	3.37E-01	2.87E-01
2787	474419.83, 3848382.25	3.80089	122.247	93.3426	0.0107231	0.3448847	0.2633388	2.72E-02	8.73E-01	6.67E-01	9.73E-03	3.13E-01	2.39E-01
2788	474419.83, 3848407.25	3.08428	111.947	79.0205	0.0087014	0.3158267	0.2229333	2.20E-02	8.00E-01	5.65E-01	7.90E-03	2.87E-01	2.02E-01
2789	474419.83, 3848432.25	2.62038	101.272	67.5806	0.0073926	0.2857084	0.1906589	1.87E-02	7.23E-01	4.83E-01	6.71E-03	2.59E-01	1.73E-01
2790	474419.83, 3848457.25	2.29949	89.2673	59.9127	0.0064873	0.2518415	0.1690262	1.64E-02	6.38E-01	4.28E-01	5.89E-03	2.29E-01	1.53E-01
2791	474419.83, 3848482.25	2.04772	80.3801	54.1977	0.005777	0.2267689	0.152903	1.46E-02	5.74E-01	3.87E-01	5.24E-03	2.06E-01	1.39E-01
2792	474419.83, 3848507.25	1.84471	72.3106	49.7167	0.0052043	0.2040033	0.1402612	1.32E-02	5.17E-01	3.55E-01	4.72E-03	1.85E-01	1.27E-01
2793	474419.83, 3848532.25	1.67272	66.6543	44.9771	0.0047191	0.1880455	0.1268897	1.19E-02	4.76E-01	3.21E-01	4.28E-03	1.71E-01	1.15E-01
2794	474419.83, 3848557.25	1.53063	62.8536	41.8253	0.0043182	0.1773231	0.117998	1.09E-02	4.49E-01	2.99E-01	3.92E-03	1.61E-01	1.07E-01
2795	474419.83, 3848582.25	1.41702	59.4314	39.3284	0.0039977	0.1676683	0.1109536	1.01E-02	4.25E-01	2.81E-01	3.63E-03	1.52E-01	1.01E-01

2796	474419.83, 3848607.25	1.32903	56.7954	39.1266	0.0037495	0.1602317	0.1103841	9.49E-03	4.06E-01	2.80E-01	3.40E-03	1.45E-01	1.00E-01
2797	474419.83, 3848632.25	1.25266	54.0415	38.3441	0.003534	0.1524622	0.1081766	8.95E-03	3.86E-01	2.74E-01	3.21E-03	1.38E-01	9.82E-02
2798	474419.83, 3848657.25	1.18754	55.1313	38.5206	0.0033503	0.155537	0.1086746	8.48E-03	3.94E-01	2.75E-01	3.04E-03	1.41E-01	9.86E-02
2799	474419.83, 3848682.25	1.12905	55.314	37.3157	0.0031853	0.1560523	0.1052753	8.07E-03	3.95E-01	2.67E-01	2.89E-03	1.42E-01	9.55E-02
2800	474419.83, 3848707.25	1.07494	53.8903	36.9233	0.0030326	0.1520358	0.1041683	7.68E-03	3.85E-01	2.64E-01	2.75E-03	1.38E-01	9.45E-02
2801	474419.83, 3848732.25	1.02729	51.4598	36.1792	0.0028982	0.1451788	0.102069	7.34E-03	3.68E-01	2.58E-01	2.63E-03	1.32E-01	9.26E-02
2802	474419.83, 3848757.25	1.0006	51.512	37.557	0.0028229	0.145326	0.1059561	7.15E-03	3.68E-01	2.68E-01	2.56E-03	1.32E-01	9.61E-02
2803	474419.83, 3848782.25	0.9427	49.1058	35.9442	0.0026596	0.1385376	0.1014062	6.73E-03	3.51E-01	2.57E-01	2.41E-03	1.26E-01	9.20E-02
2804	474444.83, 3848382.25	4.46101	128.193	107.319	0.0125854	0.3616595	0.3027703	3.19E-02	9.16E-01	7.67E-01	1.14E-02	3.28E-01	2.75E-01
2805	474444.83, 3848407.25	3.63524	119.967	90.3678	0.0102558	0.3384526	0.2549465	2.60E-02	8.57E-01	6.46E-01	9.31E-03	3.07E-01	2.31E-01
2806	474444.83, 3848432.25	3.1014	111.745	78.4471	0.0087497	0.315257	0.2213156	2.22E-02	7.98E-01	5.60E-01	7.94E-03	2.86E-01	2.01E-01
2807	474444.83, 3848457.25	2.66501	101.808	68.2995	0.0075185	0.2872225	0.1926872	1.90E-02	7.27E-01	4.88E-01	6.82E-03	2.61E-01	1.75E-01
2808	474444.83, 3848482.25	2.27763	88.4011	59.7036	0.0064257	0.2493978	0.1684363	1.63E-02	6.32E-01	4.27E-01	5.83E-03	2.26E-01	1.53E-01
2809	474444.83, 3848507.25	2.02226	78.8246	53.6482	0.0057052	0.2223807	0.1513527	1.44E-02	5.63E-01	3.83E-01	5.18E-03	2.02E-01	1.37E-01
2810	474444.83, 3848532.25	1.81272	70.9063	48.5063	0.0051141	0.2000413	0.1368465	1.29E-02	5.07E-01	3.47E-01	4.64E-03	1.82E-01	1.24E-01
2811	474444.83, 3848557.25	1.64486	66.2246	43.656	0.0046405	0.1868335	0.1231628	1.18E-02	4.73E-01	3.12E-01	4.21E-03	1.70E-01	1.12E-01
2812	474444.83, 3848582.25	1.51126	62.5054	41.3255	0.0042636	0.1763408	0.1165878	1.08E-02	4.47E-01	2.95E-01	3.87E-03	1.60E-01	1.06E-01
2813	474444.83, 3848607.25	1.40514	59.3657	39.6108	0.0039642	0.167483	0.1117503	1.00E-02	4.24E-01	2.83E-01	3.60E-03	1.52E-01	1.01E-01
2814	474444.83, 3848632.25	1.31947	56.276	39.8187	0.0037225	0.1587664	0.112337	9.43E-03	4.02E-01	2.84E-01	3.38E-03	1.44E-01	1.02E-01
2815	474444.83, 3848657.25	1.24524	55.8334	39.3113	0.0035131	0.1575177	0.1109053	8.90E-03	3.99E-01	2.81E-01	3.19E-03	1.43E-01	1.01E-01
2816	474444.83, 3848682.25	1.18201	56.6416	39.0386	0.0033347	0.1597977	0.110136	8.44E-03	4.05E-01	2.79E-01	3.03E-03	1.45E-01	9.99E-02
2817	474444.83, 3848707.25	1.12417	55.849	37.771	0.0031715	0.1575618	0.1065597	8.03E-03	3.99E-01	2.70E-01	2.88E-03	1.43E-01	9.67E-02
2818	474444.83, 3848732.25	1.06849	53.1881	37.4406	0.0030144	0.1500548	0.1056276	7.63E-03	3.80E-01	2.67E-01	2.74E-03	1.36E-01	9.58E-02
2819	474444.83, 3848757.25	1.02158	51.8095	37.6006	0.0028821	0.1461654	0.1060792	7.30E-03	3.70E-01	2.69E-01	2.62E-03	1.33E-01	9.62E-02
2820	474444.83, 3848782.25	0.99011	51.1387	37.126	0.0027933	0.1442728	0.1047403	7.07E-03	3.65E-01	2.65E-01	2.53E-03	1.31E-01	9.50E-02
2821	474444.83, 3848807.25	0.93873	50.5866	36.6847	0.0026484	0.1427154	0.1034951	6.71E-03	3.61E-01	2.62E-01	2.40E-03	1.29E-01	9.39E-02
2822	474469.83, 3848407.25	4.60707	129.369	108.275	0.0129975	0.3649771	0.3054668	3.29E-02	9.24E-01	7.73E-01	1.18E-02	3.31E-01	2.77E-01
2823	474469.83, 3848432.25	3.63913	119.767	90.1787	0.0102667	0.3378888	0.2544129	2.60E-02	8.56E-01	6.44E-01	9.32E-03	3.07E-01	2.31E-01
2824	474469.83, 3848457.25	2.95837	108.624	75.1737	0.0083462	0.3064519	0.2120805	2.11E-02	7.76E-01	5.37E-01	7.57E-03	2.78E-01	1.92E-01
2825	474469.83, 3848482.25	2.62109	99.6643	67.2884	0.0073946	0.2811738	0.1898345	1.87E-02	7.12E-01	4.81E-01	6.71E-03	2.55E-01	1.72E-01
2826	474469.83, 3848507.25	2.31727	89.4979	60.5618	0.0065375	0.2524921	0.1708574	1.66E-02	6.39E-01	4.33E-01	5.93E-03	2.29E-01	1.55E-01
2827	474469.83, 3848532.25	2.02438	78.3515	53.9466	0.0057112	0.2210459	0.1521946	1.45E-02	5.60E-01	3.85E-01	5.18E-03	2.01E-01	1.38E-01
2828	474469.83, 3848557.25	1.79501	70.4816	48.0127	0.0050641	0.1988432	0.1354538	1.28E-02	5.04E-01	3.43E-01	4.59E-03	1.80E-01	1.23E-01
2829	474469.83, 3848582.25	1.62477	65.9229	44.2931	0.0045838	0.1859822	0.1249599	1.16E-02	4.71E-01	3.16E-01	4.16E-03	1.69E-01	1.13E-01
2830	474469.83, 3848607.25	1.49667	62.2102	41.5484	0.0042224	0.1755078	0.1172167	1.07E-02	4.44E-01	2.97E-01	3.83E-03	1.59E-01	1.06E-01
2831	474469.83, 3848632.25	1.39502	59.0247	41.0648	0.0039356	0.1665209	0.1158524	9.97E-03	4.22E-01	2.93E-01	3.57E-03	1.51E-01	1.05E-01
2832	474469.83, 3848657.25	1.31134	56.5206	40.2403	0.0036996	0.1594563	0.1135263	9.37E-03	4.04E-01	2.87E-01	3.36E-03	1.45E-01	1.03E-01
2833	474469.83, 3848682.25	1.24071	57.8186	40.3381	0.0035003	0.1631182	0.1138022	8.86E-03	4.13E-01	2.88E-01	3.18E-03	1.48E-01	1.03E-01
2834	474469.83, 3848707.25	1.17728	57.6533	38.7604	0.0033214	0.1626521	0.1093512	8.41E-03	4.12E-01	2.77E-01	3.01E-03	1.48E-01	9.92E-02
2835	474469.83, 3848732.25	1.11742	55.5638	38.4455	0.0031525	0.156757	0.1084627	7.98E-03	3.97E-01	2.75E-01	2.86E-03	1.42E-01	9.84E-02
2836	474469.83, 3848757.25	1.06298	53.1255	38.0509	0.0029989	0.1498781	0.1073495	7.59E-03	3.80E-01	2.72E-01	2.72E-03	1.36E-01	9.74E-02
2837	474469.83, 3848782.25	1.0224	52.3235	37.9667	0.0028844	0.1476155	0.1071118	7.30E-03	3.74E-01	2.71E-01	2.62E-03	1.34E-01	9.72E-02
2838	474469.83, 3848807.25	0.97681	51.5979	37.5779	0.0027558	0.1455684	0.1060151	6.98E-03	3.69E-01	2.68E-01	2.50E-03	1.32E-01	9.62E-02
2839	474494.83, 3848432.25	4.36555	127.43	104.929	0.0123161	0.3595072	0.2960255	3.12E-02	9.10E-01	7.50E-01	1.12E-02	3.26E-01	2.69E-01
2840	474494.83, 3848457.25	3.6426	119.352	89.7083	0.0102765	0.3367175	0.2530858	2.60E-02	8.53E-01	6.41E-01	9.32E-03	3.06E-01	2.30E-01
2841	474494.83, 3848482.25	2.91619	107.157	74.6874	0.0082272	0.302312	0.2107086	2.08E-02	7.66E-01	5.34E-01	7.46E-03	2.74E-01	1.91E-01
2842	474494.83, 3848507.25	2.48294	94.2006	64.2657	0.0070049	0.2657594	0.1813069	1.77E-02	6.73E-01	4.59E-01	6.36E-03	2.41E-01	1.65E-01
2843	474494.83, 3848532.25	2.18749	84.1351	57.2009	0.0061714	0.2373625	0.1613756	1.56E-02	6.01E-01	4.09E-01	5.60E-03	2.15E-01	1.46E-01
2844	474494.83, 3848557.25	1.95679	75.6182	52.4398	0.0055205	0.2133347	0.1479435	1.40E-02	5.40E-01	3.75E-01	5.01E-03	1.94E-01	1.34E-01
2845	474494.83, 3848582.25	1.76511	70.1869	47.1068	0.0049797	0.1980119	0.1328981	1.26E-02	5.01E-01	3.37E-01	4.52E-03	1.80E-01	1.21E-01
2846	474494.83, 3848607.25	1.60561	65.778	43.8672	0.0045298	0.1855733	0.1237584	1.15E-02	4.70E-01	3.13E-01	4.11E-03	1.68E-01	1.12E-01
2847	474494.83, 3848632.25	1.48348	62.1333	41.8576	0.0041852	0.175291	0.1180889	1.06E-02	4.44E-01	2.99E-01	3.80E-03	1.59E-01	1.07E-01
2848	474494.83, 3848657.25	1.38545	58.5355	41.5343	0.0039086	0.1651407	0.1171768	9.90E-03	4.18E-01	2.97E-01	3.55E-03	1.50E-01	1.06E-01
2849	474494.83, 3848682.25	1.30401	58.712	41.4787	0.0036789	0.1656388	0.11702	9.32E-03	4.19E-01	2.96E-01	3.34E-03	1.50E-01	1.06E-01
2850	474494.83, 3848707.25	1.23339	59.167	40.6871	0.0034796	0.1669225	0.1147867	8.81E-03	4.23E-01	2.91E-01	3.16E-03	1.51E-01	1.04E-01
2851	474494.83, 3848732.25	1.1691	57.7695	39.7013	0.0032983	0.1629799	0.1120056	8.35E-03	4.13E-01	2.84E-01	2.99E-03	1.48E-01	1.02E-01
2852	474494.83, 3848757.25	1.11057	54.8892	38.8616	0.0031331	0.1548539	0.1096367	7.93E-03	3.92E-01	2.78E-01	2.84E-03	1.41E-01	9.95E-02
2853	474494.83, 3848782.25	1.05949	53.7424	39.3909	0.002989	0.1516186	0.1111298	7.57E-03	3.84E-01	2.81E-01	2.71E-03	1.38E-01	1.01E-01
2854	474494.83, 3848807.25	1.01714	52.7058	38.5993	0.0028696	0.1486941	0.1088966	7.27E-03	3.77E-01	2.76E-01	2.60E-03	1.35E-01	9.88E-02
2855	474494.83, 3848832.25	0.9829	54.2707	38.549	0.002773	0.1531089	0.1087548	7.02E-03	3.88E-01	2.75E-01	2.52E-03	1.39E-01	9.87E-02
2856	474519.83, 3848432.25	5.27965	133.319	117.975	0.014895	0.3761211	0.3328311	3.77E-02	9.52E-01	8.43E-01	1.35E-02	3.41E-01	3.02E-01
2857	474519.83, 3848457.25	4.10121	124.56	99.7071	0.0115704	0.3514097	0.2812944	2.93E-02	8.90E-01	7.12E-01	1.05E-02	3.19E-01	2.55E-01
2858	474519.83, 3848482.25	3.52626	117.337	87.6038	0.0099483	0.3310324	0.2471486	2.52E-02	8.38E-01	6.26E-01	9.03E-03	3.00E-01	2.24E-01
2859	474519.83, 3848507.25	2.97641	107.445	75.2407	0.0083971	0.3031244	0.2122696	2.13E-02	7.68E-01	5.38E-01	7.62E-03	2.75E-01	1.93E-01
2860	474519.83, 3848532.25	2.47004	93.6745	64.3073	0.0069685	0.2642753	0.1814244	1.76E-02	6.69E-01	4.59E-01	6.32E-03	2.40E-01	1.65E-01
2861	474519.83, 3848557.25	2.15597	82.3034	56.8449	0.0060824	0.2321949	0.1603712	1.54E-02	5.88E-01	4.06E-01	5.52E-03	2.11E-01	1.46E-01
2862	474519.83, 3848582.25	1.93089	74.7679	51.2968	0.0054474	0.2109357	0.1447188	1.38E-02	5.34E-01	3.66E-01	4.94E-03	1.91E-01	1.31E-01
2863	474519.83, 3848607.25	1.73821	69.7374	47.1272	0.0049039	0.1967438	0.1329557	1.24E-02	4.98E-01	3.37E-01	4.45E-03	1.79E-01	1.21E-01
2864	474519.83, 3848632.25	1.59033	65.5627	44.2006	0.0044867	0.1849661	0.1246991	1.14E-02	4.68E-01	3.16E-01	4.07E-03	1.68E-01	1.13E-01
2865	474519.83, 3848657.25	1.471	61.6456	43.2818	0.00415	0.173915	0.1221068	1.05E-02	4.40E-01	3.09E-01	3.77E-03	1.58E-01	1.11E-01
2866	474519.83, 3848682.25	1.37618	59.5354	42.2703	0.0038825	0.1679616	0.1192532	9.83E-03	4.25E-01	3.02E-01	3.52E-03	1.52E-01	1.08E-01
2867	474519.83, 3848707.25	1.29694	60.5748	42.1759	0.0036589	0.1708942	0.118987	9.27E-03	4.33E-01	3.01E-01	3.32E-03	1.55E-01	1.08E-01
2868	474519.83, 3848732.25	1.22571	59.8095	40.6313	0.003458	0.1687351	0.1146293	8.76E-03	4.27E-01	2.90E-01	3.14E-03	1.53E-01	1.04E-01
2869	474519.83, 3848757.25	1.16094	56.9637	40.3684	0.0032753	0.1607063	0.1138876	8.29E-03	4.07E-01	2.88E-01	2.97E-03	1.46E-01	1.03E-01
2870	474519.83, 3848782.25	1.10584	55.4637	40.5013	0.0031198	0.1564746	0.1142625	7.90E-03	3.96E-01	2.89E-01	2.83E-03	1.42E-01	1.04E-01
2871	474519.83, 3848807.25	1.05803	54.0928	39.6502	0.0029849	0.1526071	0.1118614	7.56E-03	3.86E-01	2.83E-01	2.71E-03	1.38E-01	1.01E-01
2872	474519.83, 3848832.25	1.01691	54.9639	39.3266	0.0028689	0.1550645	0.1109485	7.26E-03	3.93E-01	2.81E-01	2.60E-03	1.41E-01	1.01E-01
2873	474519.83, 3848857.25	0.97916	55.5647	38.613	0.0027624	0.1567596	0.1089353	6.99E-03	3.97E-01	2.76E-01	2.51E-03	1.42E-01	9.88E-02
2874	474544.83, 3848457.25	5.21045	132.907	117.189	0.0146998	0.3749577	0.3306159	3.72E-02	9.49E-01	8.37E-01	1.33E-02	3.40E-01	3.00E-01
2875	474544.83, 3848482.25	4.09581	124.21	98.9326	0.0115551	0.3504218	0.2791095	2.93E-02	8.87E-01	7.07E-01	1.05E-02	3.18E-01	2.53E-01

2876	474544.83, 3848507.25	3.24942	112.567	81.3767	0.0091673	0.3175759	0.2295807	2.32E-02	8.04E-01	5.81E-01	8.32E-03	2.88E-01	2.08E-01
2877	474544.83, 3848532.25	2.7678	102.276	70.1665	0.0078085	0.2885424	0.1979542	1.98E-02	7.31E-01	5.01E-01	7.08E-03	2.62E-01	1.80E-01
2878	474544.83, 3848557.25	2.39892	90.7848	62.0648	0.0067679	0.2561228	0.1750978	1.71E-02	6.49E-01	4.43E-01	6.14E-03	2.32E-01	1.59E-01
2879	474544.83, 3848582.25	2.11324	80.4366	56.3567	0.0059619	0.2269284	0.1589939	1.51E-02	5.75E-01	4.03E-01	5.41E-03	2.06E-01	1.44E-01
2880	474544.83, 3848607.25	1.89746	74.2893	50.6985	0.0053531	0.2095856	0.143031	1.36E-02	5.31E-01	3.62E-01	4.86E-03	1.90E-01	1.30E-01
2881	474544.83, 3848632.25	1.71184	69.3885	46.6994	0.0048295	0.1957593	0.1317486	1.22E-02	4.96E-01	3.34E-01	4.38E-03	1.78E-01	1.20E-01
2882	474544.83, 3848657.25	1.57117	65.1968	44.4344	0.0044326	0.1839337	0.1253588	1.12E-02	4.66E-01	3.17E-01	4.02E-03	1.67E-01	1.14E-01
2883	474544.83, 3848682.25	1.45981	61.0767	43.6964	0.0041184	0.1723099	0.1232766	1.04E-02	4.36E-01	3.12E-01	3.74E-03	1.56E-01	1.12E-01
2884	474544.83, 3848707.25	1.36805	61.8031	43.5338	0.0038596	0.1743594	0.1228179	9.77E-03	4.42E-01	3.11E-01	3.50E-03	1.58E-01	1.11E-01
2885	474544.83, 3848732.25	1.28936	61.798	42.076	0.0036376	0.1743451	0.1187052	9.21E-03	4.41E-01	3.01E-01	3.30E-03	1.58E-01	1.08E-01
2886	474544.83, 3848757.25	1.22035	59.8202	41.5858	0.0034429	0.1687653	0.1173221	8.72E-03	4.27E-01	2.97E-01	3.12E-03	1.53E-01	1.06E-01
2887	474544.83, 3848782.25	1.15486	57.0039	41.0576	0.0032581	0.1608198	0.1158321	8.25E-03	4.07E-01	2.93E-01	2.96E-03	1.46E-01	1.05E-01
2888	474544.83, 3848807.25	1.09969	55.481	40.4387	0.0031025	0.1565236	0.114086	7.86E-03	3.96E-01	2.89E-01	2.81E-03	1.42E-01	1.04E-01
2889	474544.83, 3848832.25	1.05434	55.6158	40.6571	0.0029745	0.1569037	0.1147021	7.53E-03	3.97E-01	2.90E-01	2.70E-03	1.42E-01	1.04E-01
2890	474544.83, 3848857.25	1.014	56.7467	39.8334	0.0028607	0.1600943	0.1123782	7.24E-03	4.05E-01	2.85E-01	2.60E-03	1.45E-01	1.02E-01
2891	474544.83, 3848882.25	0.9679	55.2117	39.2034	0.0027306	0.1557638	0.1106009	6.91E-03	3.94E-01	2.80E-01	2.48E-03	1.41E-01	1.00E-01
2892	474569.83, 3848482.25	4.94226	130.964	113.899	0.0139431	0.3694761	0.3213315	3.53E-02	9.36E-01	8.14E-01	1.27E-02	3.35E-01	2.92E-01
2893	474569.83, 3848507.25	3.80886	120.292	93.186	0.0107456	0.3393686	0.2628971	2.72E-02	8.59E-01	6.66E-01	9.75E-03	3.08E-01	2.39E-01
2894	474569.83, 3848532.25	3.15453	110.22	79.504	0.0088996	0.3109549	0.2242972	2.25E-02	7.87E-01	5.68E-01	8.07E-03	2.82E-01	2.04E-01
2895	474569.83, 3848557.25	2.70459	99.7786	69.4279	0.0076302	0.2814963	0.1958704	1.93E-02	7.13E-01	4.96E-01	6.92E-03	2.55E-01	1.78E-01
2896	474569.83, 3848582.25	2.35882	88.8958	61.7323	0.0066547	0.2507936	0.1741595	1.69E-02	6.35E-01	4.41E-01	6.04E-03	2.28E-01	1.58E-01
2897	474569.83, 3848607.25	2.08287	79.4158	55.3862	0.0058762	0.2240486	0.1562559	1.49E-02	5.67E-01	3.96E-01	5.33E-03	2.03E-01	1.42E-01
2898	474569.83, 3848632.25	1.88149	74.6763	50.7576	0.0053081	0.2106774	0.1431976	1.34E-02	5.33E-01	3.63E-01	4.82E-03	1.91E-01	1.30E-01
2899	474569.83, 3848657.25	1.69385	69.1562	47.0602	0.0047787	0.1951039	0.1327666	1.21E-02	4.94E-01	3.36E-01	4.34E-03	1.77E-01	1.20E-01
2900	474569.83, 3848682.25	1.55578	64.5296	45.7276	0.0043892	0.1820513	0.129007	1.11E-02	4.61E-01	3.27E-01	3.98E-03	1.65E-01	1.17E-01
2901	474569.83, 3848707.25	1.44859	62.8858	44.669	0.0040868	0.1774138	0.1260205	1.03E-02	4.49E-01	3.19E-01	3.71E-03	1.61E-01	1.14E-01
2902	474569.83, 3848732.25	1.35941	63.5575	44.1001	0.0038352	0.179309	0.1244155	9.71E-03	4.54E-01	3.15E-01	3.48E-03	1.63E-01	1.13E-01
2903	474569.83, 3848757.25	1.28163	62.2365	42.9243	0.0036157	0.175582	0.1210984	9.16E-03	4.45E-01	3.07E-01	3.28E-03	1.59E-01	1.10E-01
2904	474569.83, 3848782.25	1.21306	59.104	42.157	0.0034223	0.1667446	0.1189338	8.67E-03	4.22E-01	3.01E-01	3.11E-03	1.51E-01	1.08E-01
2905	474569.83, 3848807.25	1.14984	57.5917	42.2747	0.0032439	0.1624782	0.1192658	8.21E-03	4.11E-01	3.02E-01	2.94E-03	1.47E-01	1.08E-01
2906	474569.83, 3848832.25	1.09358	56.2638	41.2462	0.0030852	0.1587318	0.1163641	7.81E-03	4.02E-01	2.95E-01	2.80E-03	1.44E-01	1.06E-01
2907	474569.83, 3848857.25	1.04569	57.4033	40.5839	0.0029501	0.1619467	0.1144957	7.47E-03	4.10E-01	2.90E-01	2.68E-03	1.47E-01	1.04E-01
2908	474569.83, 3848882.25	1.00603	57.0628	40.184	0.0028382	0.1609859	0.1133673	7.19E-03	4.08E-01	2.87E-01	2.58E-03	1.46E-01	1.03E-01
2909	474569.83, 3848907.25	0.95663	53.7434	40.8265	0.0026989	0.1516214	0.11518	6.83E-03	3.84E-01	2.92E-01	2.45E-03	1.38E-01	1.05E-01
2910	474594.83, 3848507.25	4.77858	129.535	111.707	0.0134814	0.3654441	0.3151478	3.41E-02	9.25E-01	7.98E-01	1.22E-02	3.32E-01	2.86E-01
2911	474594.83, 3848532.25	3.7535	119.134	92.3813	0.0105894	0.336101	0.2606269	2.68E-02	8.51E-01	6.60E-01	9.61E-03	3.05E-01	2.36E-01
2912	474594.83, 3848557.25	3.0774	108.252	77.833	0.008682	0.3054028	0.2195832	2.20E-02	7.73E-01	5.56E-01	7.88E-03	2.77E-01	1.99E-01
2913	474594.83, 3848582.25	2.62127	97.0568	67.4191	0.0073951	0.2738175	0.1902032	1.87E-02	6.93E-01	4.82E-01	6.71E-03	2.48E-01	1.73E-01
2914	474594.83, 3848607.25	2.30077	86.0857	60.8604	0.006491	0.2428656	0.1716998	1.64E-02	6.15E-01	4.35E-01	5.89E-03	2.20E-01	1.56E-01
2915	474594.83, 3848632.25	2.05045	78.8691	54.5757	0.0057847	0.2225061	0.1539694	1.46E-02	5.63E-01	3.90E-01	5.25E-03	2.02E-01	1.40E-01
2916	474594.83, 3848657.25	1.83928	73.7975	50.2278	0.005189	0.208198	0.141703	1.31E-02	5.27E-01	3.59E-01	4.71E-03	1.89E-01	1.29E-01
2917	474594.83, 3848682.25	1.67386	68.8621	47.4406	0.0047223	0.1942742	0.1338397	1.20E-02	4.92E-01	3.39E-01	4.28E-03	1.76E-01	1.21E-01
2918	474594.83, 3848707.25	1.54365	64.3676	46.148	0.004355	0.1815943	0.1301932	1.10E-02	4.60E-01	3.30E-01	3.95E-03	1.65E-01	1.18E-01
2919	474594.83, 3848732.25	1.43871	65.1458	45.7262	0.0040589	0.18379	0.1290032	1.03E-02	4.65E-01	3.27E-01	3.68E-03	1.67E-01	1.17E-01
2920	474594.83, 3848757.25	1.34802	64.3338	43.8882	0.003803	0.1814991	0.1238177	9.63E-03	4.60E-01	3.14E-01	3.45E-03	1.65E-01	1.12E-01
2921	474594.83, 3848782.25	1.27344	61.5674	43.8768	0.0035926	0.1736945	0.1237856	9.10E-03	4.40E-01	3.13E-01	3.26E-03	1.58E-01	1.12E-01
2922	474594.83, 3848807.25	1.20779	59.8393	43.9901	0.0034074	0.1688191	0.1241051	8.63E-03	4.27E-01	3.14E-01	3.09E-03	1.53E-01	1.13E-01
2923	474594.83, 3848832.25	1.14531	57.9058	42.9419	0.0032312	0.1633644	0.1211479	8.18E-03	4.14E-01	3.07E-01	2.93E-03	1.48E-01	1.10E-01
2924	474594.83, 3848857.25	1.08702	58.4349	41.7353	0.0030667	0.1648569	0.1177439	7.77E-03	4.17E-01	2.98E-01	2.78E-03	1.50E-01	1.07E-01
2925	474594.83, 3848882.25	1.03984	58.3344	41.0867	0.0029336	0.1645734	0.115914	7.43E-03	4.17E-01	2.94E-01	2.66E-03	1.49E-01	1.05E-01
2926	474594.83, 3848907.25	1.00554	56.4805	42.2184	0.0028368	0.1593434	0.1191069	7.18E-03	4.03E-01	3.02E-01	2.57E-03	1.45E-01	1.08E-01
2927	474619.83, 3848532.25	4.46159	126.016	107.253	0.0125871	0.3555179	0.3025817	3.19E-02	9.00E-01	7.66E-01	1.14E-02	3.23E-01	2.75E-01
2928	474619.83, 3848557.25	3.55241	115.861	88.0745	0.0100221	0.3268672	0.2484765	2.54E-02	8.28E-01	6.29E-01	9.09E-03	2.97E-01	2.25E-01
2929	474619.83, 3848582.25	2.9875	106.052	75.5272	0.0084284	0.2991939	0.2130779	2.13E-02	7.58E-01	5.40E-01	7.65E-03	2.71E-01	1.93E-01
2930	474619.83, 3848607.25	2.58508	95.786	67.1181	0.007293	0.2702323	0.1893541	1.85E-02	6.84E-01	4.79E-01	6.62E-03	2.45E-01	1.72E-01
2931	474619.83, 3848632.25	2.25848	84.7149	60.0055	0.0063716	0.2389984	0.1692881	1.61E-02	6.05E-01	4.29E-01	5.78E-03	2.17E-01	1.54E-01
2932	474619.83, 3848657.25	2.02871	79.301	54.4554	0.0057234	0.2237246	0.1536301	1.45E-02	5.67E-01	3.89E-01	5.19E-03	2.03E-01	1.39E-01
2933	474619.83, 3848682.25	1.8331	74.4037	51.1849	0.0051716	0.2099083	0.1444031	1.31E-02	5.32E-01	3.66E-01	4.69E-03	1.90E-01	1.31E-01
2934	474619.83, 3848707.25	1.66755	68.8211	49.1622	0.0047045	0.1941587	0.1386967	1.19E-02	4.92E-01	3.51E-01	4.27E-03	1.76E-01	1.26E-01
2935	474619.83, 3848732.25	1.53495	66.9449	47.7771	0.0043304	0.1888655	0.1347892	1.10E-02	4.78E-01	3.41E-01	3.93E-03	1.71E-01	1.22E-01
2936	474619.83, 3848757.25	1.44248	67.7421	46.7898	0.0040695	0.1911146	0.1320036	1.03E-02	4.84E-01	3.34E-01	3.69E-03	1.73E-01	1.20E-01
2937	474619.83, 3848782.25	1.36131	66.0166	46.069	0.0038405	0.1862467	0.1299703	9.72E-03	4.72E-01	3.29E-01	3.48E-03	1.69E-01	1.18E-01
2938	474619.83, 3848807.25	1.28866	63.1939	45.7593	0.0036356	0.1782831	0.1290965	9.21E-03	4.51E-01	3.27E-01	3.30E-03	1.62E-01	1.17E-01
2939	474619.83, 3848832.25	1.22313	61.3699	45.1333	0.0034507	0.1731372	0.1273305	8.74E-03	4.38E-01	3.22E-01	3.13E-03	1.57E-01	1.16E-01
2940	474619.83, 3848857.25	1.16068	61.4353	44.6785	0.0032745	0.1733216	0.1260472	8.29E-03	4.39E-01	3.19E-01	2.97E-03	1.57E-01	1.14E-01
2941	474619.83, 3848882.25	1.09683	61.0505	42.747	0.0030944	0.1722363	0.1205982	7.84E-03	4.36E-01	3.05E-01	2.81E-03	1.56E-01	1.09E-01
2942	474619.83, 3848907.25	1.05043	59.0341	43.1289	0.0029635	0.1665476	0.1216755	7.50E-03	4.22E-01	3.08E-01	2.69E-03	1.51E-01	1.10E-01
2943	474619.83, 3848932.25	1.00533	55.7428	43.2203	0.0028362	0.1572621	0.1219333	7.18E-03	3.98E-01	3.09E-01	2.57E-03	1.43E-01	1.11E-01
2944	474644.83, 3848557.25	4.33576	124.533	105.015	0.0122321	0.3513347	0.2962692	3.10E-02	8.90E-01	7.50E-01	1.11E-02	3.19E-01	2.69E-01
2945	474644.83, 3848582.25	3.53501	115.265	88.5353	0.009973	0.3251865	0.2497765	2.53E-02	8.23E-01	6.32E-01	9.05E-03	2.95E-01	2.27E-01
2946	474644.83, 3848607.25	3.03502	106.494	78.1162	0.0085624	0.3004404	0.2203821	2.17E-02	7.61E-01	5.58E-01	7.77E-03	2.73E-01	2.00E-01
2947	474644.83, 3848632.25	2.57049	94.9756	67.664	0.0072519	0.2679459	0.1908942	1.84E-02	6.78E-01	4.83E-01	6.58E-03	2.43E-01	1.73E-01
2948	474644.83, 3848657.25	2.25628	85.2282	59.9926	0.0063654	0.2404466	0.1692517	1.61E-02	6.09E-01	4.29E-01	5.78E-03	2.18E-01	1.54E-01
2949	474644.83, 3848682.25	2.03746	81.2623	55.8617	0.0057481	0.2292579	0.1575976	1.46E-02	5.81E-01	3.99E-01	5.22E-03	2.08E-01	1.43E-01
2950	474644.83, 3848707.25	1.85437	76.5142	53.031	0.0052316	0.2158624	0.1496113	1.32E-02	5.47E-01	3.79E-01	4.75E-03	1.96E-01	1.36E-01
2951	474644.83, 3848732.25	1.69177	71.2512	51.0844	0.0047728	0.2010146	0.1441196	1.21E-02	5.09E-01	3.65E-01	4.33E-03	1.82E-01	1.31E-01
2952	474644.83, 3848757.25	1.5856	73.0431	51.1408	0.0044733	0.2060698	0.1442788	1.13E-02	5.22E-01	3.65E-01	4.06E-03	1.87E-01	1.31E-01
2953	474644.83, 3848782.25	1.48546	71.9113	49.6868	0.0041908	0.2028767	0.1401769	1.06E-02	5.14E-01	3.55E-01	3.80E-03	1.84E-01	1.27E-01
2954	474644.83, 3848807.25	1.3872	67.4469	48.3684	0.0039136	0.1902817	0.1364574	9.91E-03	4.82E-01	3.46E-01	3.55E-03	1.73E-01	1.24E-01
2955	474644.83, 3848832.25	1.29774	64.8529	47.8141	0.0036612	0.1829634	0.1348934	9.27E-03	4.63E-01	3.42E-01	3.32E-03	1.66E-01	1.22E-01

2956	474644.83, 3848857.25	1.22327	63.2892	46.4564	0.0034511	0.1785521	0.1310632	8.74E-03	4.52E-01	3.32E-01	3.13E-03	1.62E-01	1.19E-01
2957	474644.83, 3848882.25	1.16805	64.3861	45.5057	0.0032953	0.1816465	0.1283812	8.34E-03	4.60E-01	3.25E-01	2.99E-03	1.65E-01	1.16E-01
2958	474644.83, 3848907.25	1.10657	62.1476	44.6464	0.0031219	0.1753313	0.1259566	7.91E-03	4.44E-01	3.19E-01	2.83E-03	1.59E-01	1.14E-01
2959	474644.83, 3848932.25	1.10865	61.7395	47.4134	0.0031277	0.1741799	0.1337631	7.92E-03	4.41E-01	3.39E-01	2.84E-03	1.58E-01	1.21E-01
2960	474644.83, 3848957.25	1.09632	61.1144	46.7904	0.0030929	0.1724166	0.1320055	7.83E-03	4.37E-01	3.34E-01	2.81E-03	1.56E-01	1.20E-01
2961	474669.83, 3848582.25	4.25605	123.707	103.419	0.0120072	0.3490021	0.2917666	3.04E-02	8.84E-01	7.39E-01	1.09E-02	3.17E-01	2.65E-01
2962	474669.83, 3848607.25	3.48978	114.198	86.8914	0.0098454	0.3221756	0.2451386	2.49E-02	8.16E-01	6.21E-01	8.93E-03	2.92E-01	2.22E-01
2963	474669.83, 3848632.25	2.91563	104.206	75.4142	0.0082256	0.2939865	0.212759	2.08E-02	7.44E-01	5.39E-01	7.46E-03	2.67E-01	1.93E-01
2964	474669.83, 3848657.25	2.51774	93.0762	67.6093	0.0071031	0.2625874	0.1907398	1.80E-02	6.65E-01	4.83E-01	6.44E-03	2.38E-01	1.73E-01
2965	474669.83, 3848682.25	2.26189	87.2366	60.7511	0.0063813	0.2461126	0.1713914	1.62E-02	6.23E-01	4.34E-01	5.79E-03	2.23E-01	1.56E-01
2966	474669.83, 3848707.25	2.05475	83.111	57.7817	0.0057969	0.2344733	0.1630143	1.47E-02	5.94E-01	4.13E-01	5.26E-03	2.13E-01	1.48E-01
2967	474669.83, 3848732.25	1.85912	77.0987	55.3219	0.005245	0.2175114	0.1560746	1.33E-02	5.51E-01	3.95E-01	4.76E-03	1.97E-01	1.42E-01
2968	474669.83, 3848757.25	1.71932	76.3191	54.6448	0.0048506	0.2153119	0.1541643	1.23E-02	5.45E-01	3.90E-01	4.40E-03	1.95E-01	1.40E-01
2969	474669.83, 3848782.25	1.59917	76.091	52.4279	0.0045116	0.2146685	0.14791	1.14E-02	5.44E-01	3.75E-01	4.09E-03	1.95E-01	1.34E-01
2970	474669.83, 3848807.25	1.4793	71.7023	51.1239	0.0041734	0.2022872	0.144231	1.06E-02	5.12E-01	3.65E-01	3.79E-03	1.84E-01	1.31E-01
2971	474669.83, 3848832.25	1.38081	68.3635	50.496	0.0038956	0.1928678	0.1424596	9.86E-03	4.88E-01	3.61E-01	3.53E-03	1.75E-01	1.29E-01
2972	474669.83, 3848857.25	1.30268	66.0192	48.951	0.0036751	0.1862539	0.1381009	9.31E-03	4.72E-01	3.50E-01	3.33E-03	1.69E-01	1.25E-01
2973	474669.83, 3848882.25	1.23171	66.779	47.5466	0.0034749	0.1883976	0.1341389	8.80E-03	4.77E-01	3.40E-01	3.15E-03	1.71E-01	1.22E-01
2974	474669.83, 3848907.25	1.17881	66.0243	46.9069	0.0033257	0.1862682	0.132334	8.42E-03	4.72E-01	3.35E-01	3.02E-03	1.69E-01	1.20E-01
2975	474669.83, 3848932.25	1.2579	71.3415	53.0203	0.0035488	0.2012691	0.1495814	8.99E-03	5.10E-01	3.79E-01	3.22E-03	1.83E-01	1.36E-01
2976	474669.83, 3848957.25	1.19321	67.6376	51.1199	0.0033663	0.1908197	0.1442198	8.52E-03	4.83E-01	3.65E-01	3.05E-03	1.73E-01	1.31E-01
2977	474669.83, 3848982.25	1.11614	69.2188	48.1063	0.0031489	0.1952806	0.135718	7.97E-03	4.94E-01	3.44E-01	2.86E-03	1.77E-01	1.23E-01
2978	474694.83, 3848582.25	5.37372	131.839	118.381	0.0151604	0.3719445	0.3339785	3.84E-02	9.42E-01	8.46E-01	1.38E-02	3.37E-01	3.03E-01
2979	474694.83, 3848607.25	4.14072	122.484	101.045	0.0116818	0.3455524	0.2850697	2.96E-02	8.75E-01	7.22E-01	1.06E-02	3.14E-01	2.59E-01
2980	474694.83, 3848632.25	3.36639	112.162	84.5972	0.0094973	0.3164318	0.2386662	2.40E-02	8.01E-01	6.04E-01	8.62E-03	2.87E-01	2.17E-01
2981	474694.83, 3848657.25	2.88167	103.607	76.0221	0.0081298	0.2922967	0.2144742	2.06E-02	7.40E-01	5.43E-01	7.38E-03	2.65E-01	1.95E-01
2982	474694.83, 3848682.25	2.51558	93.6535	67.0911	0.007097	0.2642161	0.189278	1.80E-02	6.69E-01	4.79E-01	6.44E-03	2.40E-01	1.72E-01
2983	474694.83, 3848707.25	2.24341	88.4737	61.9078	0.0063291	0.2496028	0.1746548	1.60E-02	6.32E-01	4.42E-01	5.74E-03	2.26E-01	1.58E-01
2984	474694.83, 3848732.25	2.04127	83.7404	58.5666	0.0057588	0.236249	0.1652285	1.46E-02	5.98E-01	4.18E-01	5.23E-03	2.14E-01	1.50E-01
2985	474694.83, 3848757.25	1.86694	79.0639	56.8604	0.005267	0.2230558	0.1604151	1.33E-02	5.65E-01	4.06E-01	4.78E-03	2.02E-01	1.46E-01
2986	474694.83, 3848782.25	1.71778	79.654	55.575	0.0048462	0.2247204	0.1567887	1.23E-02	5.69E-01	3.97E-01	4.40E-03	2.04E-01	1.42E-01
2987	474694.83, 3848807.25	1.58439	76.4394	53.5467	0.0044699	0.2156514	0.1510663	1.13E-02	5.46E-01	3.83E-01	4.06E-03	1.96E-01	1.37E-01
2988	474694.83, 3848832.25	1.47072	71.6515	52.1834	0.0041492	0.2021437	0.1472203	1.05E-02	5.12E-01	3.73E-01	3.76E-03	1.83E-01	1.34E-01
2989	474694.83, 3848857.25	1.37927	68.8999	50.9889	0.0038912	0.194381	0.1438504	9.85E-03	4.92E-01	3.64E-01	3.53E-03	1.76E-01	1.31E-01
2990	474694.83, 3848882.25	1.31367	69.8878	50.3048	0.0037061	0.197168	0.1419203	9.38E-03	4.99E-01	3.59E-01	3.36E-03	1.79E-01	1.29E-01
2991	474694.83, 3848907.25	1.32105	73.649	51.9436	0.003727	0.207779	0.1465438	9.44E-03	5.26E-01	3.71E-01	3.38E-03	1.89E-01	1.33E-01
2992	474694.83, 3848932.25	1.28971	80.9926	55.3063	0.0036385	0.228497	0.1560305	9.21E-03	5.79E-01	3.95E-01	3.30E-03	2.07E-01	1.42E-01
2993	474694.83, 3848957.25	0.98435	60.0963	45.418	0.0027771	0.1695442	0.1281336	7.03E-03	4.29E-01	3.24E-01	2.52E-03	1.54E-01	1.16E-01
2994	474694.83, 3848982.25	0.84574	49.9653	36.995	0.002386	0.1409625	0.1043707	6.04E-03	3.57E-01	2.64E-01	2.16E-03	1.28E-01	9.47E-02
2995	474694.83, 3849007.25	0.80881	50.5805	33.1785	0.0022818	0.1426982	0.0936035	5.78E-03	3.61E-01	2.37E-01	2.07E-03	1.29E-01	8.49E-02
2996	474719.83, 3848607.25	5.17854	130.718	116.502	0.0146097	0.3687817	0.3286755	3.70E-02	9.34E-01	8.32E-01	1.33E-02	3.35E-01	2.98E-01
2997	474719.83, 3848632.25	4.03568	121.258	100.023	0.0113855	0.3420948	0.2821852	2.88E-02	8.66E-01	7.15E-01	1.03E-02	3.10E-01	2.56E-01
2998	474719.83, 3848657.25	3.32632	111.321	85.6079	0.0093842	0.3140589	0.2415176	2.38E-02	7.95E-01	6.12E-01	8.51E-03	2.85E-01	2.19E-01
2999	474719.83, 3848682.25	2.84591	102.537	76.2944	0.0080289	0.2892781	0.2152425	2.03E-02	7.32E-01	5.45E-01	7.28E-03	2.62E-01	1.95E-01
3000	474719.83, 3848707.25	2.49772	94.6607	67.9121	0.0070466	0.2670575	0.1915942	1.78E-02	6.76E-01	4.85E-01	6.39E-03	2.42E-01	1.74E-01
3001	474719.83, 3848732.25	2.23673	89.5997	62.9447	0.0063103	0.2527795	0.1775801	1.60E-02	6.40E-01	4.50E-01	5.73E-03	2.29E-01	1.61E-01
3002	474719.83, 3848757.25	2.04124	84.2022	60.7378	0.0057588	0.237552	0.1713539	1.46E-02	6.02E-01	4.34E-01	5.23E-03	2.16E-01	1.55E-01
3003	474719.83, 3848782.25	1.86327	83.4142	59.3562	0.0052567	0.2353289	0.1674561	1.33E-02	5.96E-01	4.24E-01	4.77E-03	2.14E-01	1.52E-01
3004	474719.83, 3848807.25	1.71003	81.4312	56.3345	0.0048244	0.2297345	0.1589314	1.22E-02	5.82E-01	4.02E-01	4.38E-03	2.08E-01	1.44E-01
3005	474719.83, 3848832.25	1.5856	76.2152	55.1115	0.0044733	0.2150189	0.1554811	1.13E-02	5.44E-01	3.94E-01	4.06E-03	1.95E-01	1.41E-01
3006	474719.83, 3848857.25	1.49795	74.3736	55.1827	0.004226	0.2098234	0.1556819	1.07E-02	5.31E-01	3.94E-01	3.83E-03	1.90E-01	1.41E-01
3007	474719.83, 3848882.25	1.46186	76.1847	55.8395	0.0041242	0.2149329	0.157535	1.04E-02	5.44E-01	3.99E-01	3.74E-03	1.95E-01	1.43E-01
3008	474719.83, 3848907.25	1.45628	81.9718	56.1216	0.0041085	0.2312594	0.1583306	1.04E-02	5.86E-01	4.01E-01	3.73E-03	2.10E-01	1.44E-01
3009	474719.83, 3848932.25	1.25531	81.0772	53.6238	0.0035415	0.2287355	0.1512838	8.97E-03	5.79E-01	3.83E-01	3.21E-03	2.08E-01	1.37E-01
3010	474719.83, 3848957.25	0.86308	50.2927	37.714	0.0024349	0.1418862	0.1063992	6.17E-03	3.59E-01	2.69E-01	2.21E-03	1.29E-01	9.65E-02
3011	474719.83, 3848982.25	0.65232	33.9358	26.2057	0.0018403	0.09574	0.0739317	4.66E-03	2.42E-01	1.87E-01	1.67E-03	8.69E-02	6.71E-02
3012	474719.83, 3849007.25	0.62888	32.8451	24.3866	0.0017742	0.0926628	0.0687997	4.49E-03	2.35E-01	1.74E-01	1.61E-03	8.41E-02	6.24E-02
3013	474744.83, 3848632.25	5.08925	130.132	116.262	0.0143578	0.3671291	0.3279991	3.64E-02	9.30E-01	8.31E-01	1.30E-02	3.33E-01	2.98E-01
3014	474744.83, 3848657.25	3.97717	120.462	99.4155	0.0112204	0.3398486	0.2804717	2.84E-02	8.61E-01	7.10E-01	1.02E-02	3.08E-01	2.54E-01
3015	474744.83, 3848682.25	3.31451	111.301	85.6105	0.0093509	0.3140033	0.241525	2.37E-02	7.95E-01	6.12E-01	8.48E-03	2.85E-01	2.19E-01
3016	474744.83, 3848707.25	2.86021	103.45	77.0886	0.0080692	0.2918541	0.2174829	2.04E-02	7.39E-01	5.51E-01	7.32E-03	2.65E-01	1.97E-01
3017	474744.83, 3848732.25	2.52669	98.4696	69.5634	0.0071283	0.2778033	0.1962527	1.81E-02	7.03E-01	4.97E-01	6.47E-03	2.52E-01	1.78E-01
3018	474744.83, 3848757.25	2.27936	92.8407	65.8388	0.0064305	0.2619228	0.185745	1.63E-02	6.63E-01	4.70E-01	5.83E-03	2.38E-01	1.69E-01
3019	474744.83, 3848782.25	2.05599	88.0552	63.3303	0.0058004	0.2484221	0.178668	1.47E-02	6.29E-01	4.52E-01	5.26E-03	2.25E-01	1.62E-01
3020	474744.83, 3848807.25	1.87481	87.3877	60.8748	0.0052892	0.2465387	0.1717405	1.34E-02	6.24E-01	4.35E-01	4.80E-03	2.24E-01	1.56E-01
3021	474744.83, 3848832.25	1.72677	82.8575	59.2945	0.0048716	0.2337582	0.1672822	1.23E-02	5.92E-01	4.24E-01	4.42E-03	2.12E-01	1.52E-01
3022	474744.83, 3848857.25	1.61956	79.623	58.98	0.0045691	0.2246331	0.1663949	1.16E-02	5.69E-01	4.21E-01	4.15E-03	2.04E-01	1.51E-01
3023	474744.83, 3848882.25	1.57411	80.7851	59.1131	0.0044409	0.2279115	0.1667703	1.12E-02	5.77E-01	4.22E-01	4.03E-03	2.07E-01	1.51E-01
3024	474744.83, 3848907.25	1.55172	85.9356	59.0637	0.0043777	0.2424422	0.1666309	1.11E-02	6.14E-01	4.22E-01	3.97E-03	2.20E-01	1.51E-01
3025	474744.83, 3848932.25	1.45316	85.0315	57.5925	0.0040997	0.2398916	0.1624805	1.04E-02	6.07E-01	4.11E-01	3.72E-03	2.18E-01	1.47E-01
3026	474744.83, 3848957.25	1.08217	66.6164	48.9467	0.003053	0.1879388	0.1380887	7.73E-03	4.76E-01	3.50E-01	2.77E-03	1.71E-01	1.25E-01
3027	474744.83, 3848982.25	0.71268	37.4471	29.0892	0.0020106	0.1056461	0.0820666	5.09E-03	2.68E-01	2.08E-01	1.82E-03	9.59E-02	7.45E-02
3028	474744.83, 3849007.25	0.57344	29.3198	21.6504	0.0016178	0.0827171	0.0610803	4.10E-03	2.09E-01	1.55E-01	1.47E-03	7.51E-02	5.54E-02
3029	474744.83, 3849032.25	0.70422	38.7488	28.7919	0.0019868	0.1093185	0.0812279	5.03E-03	2.77E-01	2.06E-01	1.80E-03	9.92E-02	7.37E-02
3030	474769.83, 3848657.25	5.00064	129.795	115.57	0.0141078	0.3661786	0.326048	3.57E-02	9.27E-01	8.26E-01	1.28E-02	3.32E-01	2.96E-01
3031	474769.83, 3848682.25	4.038	121.082	101.234	0.011392	0.3415979	0.2856022	2.88E-02	8.65E-01	7.23E-01	1.03E-02	3.10E-01	2.59E-01
3032	474769.83, 3848707.25	3.41388	112.768	90.3432	0.0096313	0.3181433	0.254877	2.44E-02	8.06E-01	6.45E-01	8.74E-03	2.89E-01	2.31E-01
3033	474769.83, 3848732.25	2.91474	106.133	79.2971	0.0082231	0.2994221	0.2237137	2.08E-02	7.58E-01	5.66E-01	7.46E-03	2.72E-01	2.03E-01
3034	474769.83, 3848757.25	2.51205	99.7549	71.1354	0.007087	0.2814294	0.2006878	1.79E-02	7.13E-01	5.08E-01	6.43E-03	2.55E-01	1.82E-01
3035	474769.83, 3848782.25	2.24151	91.9164	66.6589	0.0063238	0.2593152	0.1880587	1.60E-02	6.57E-01	4.76E-01	5.74E-03	2.35E-01	1.71E-01

3036	474769.83, 3848807.25	2.03746	92.012	64.7255	0.0057481	0.259585	0.1826042	1.46E-02	6.57E-01	4.62E-01	5.22E-03	2.36E-01	1.66E-01
3037	474769.83, 3848832.25	1.85735	88.3313	62.286	0.00524	0.249201	0.1757217	1.33E-02	6.31E-01	4.45E-01	4.75E-03	2.26E-01	1.59E-01
3038	474769.83, 3848857.25	1.71797	82.8849	60.7169	0.0048468	0.2338357	0.171295	1.23E-02	5.92E-01	4.34E-01	4.40E-03	2.12E-01	1.55E-01
3039	474769.83, 3848882.25	1.66618	83.4924	61.7424	0.0047006	0.2355495	0.174188	1.19E-02	5.96E-01	4.41E-01	4.27E-03	2.14E-01	1.58E-01
3040	474769.83, 3848907.25	1.65134	89.3455	61.8514	0.0046588	0.2520623	0.1744957	1.18E-02	6.38E-01	4.42E-01	4.23E-03	2.29E-01	1.58E-01
3041	474769.83, 3848932.25	1.53385	88.2505	59.1187	0.0043273	0.248973	0.166786	1.10E-02	6.30E-01	4.22E-01	3.93E-03	2.26E-01	1.51E-01
3042	474769.83, 3848957.25	1.19101	74.289	53.0505	0.0033601	0.2095846	0.1496664	8.51E-03	5.31E-01	3.79E-01	3.05E-03	1.90E-01	1.36E-01
3043	474769.83, 3848982.25	0.79658	42.5812	33.8121	0.0022473	0.1201305	0.0953911	5.69E-03	3.04E-01	2.42E-01	2.04E-03	1.09E-01	8.66E-02
3044	474769.83, 3849007.25	0.58604	29.6326	21.8122	0.0016533	0.0835998	0.0615367	4.19E-03	2.12E-01	1.56E-01	1.50E-03	7.59E-02	5.58E-02
3045	474769.83, 3849032.25	0.76586	43.2473	31.6544	0.0021607	0.1220095	0.0893036	5.47E-03	3.09E-01	2.26E-01	1.96E-03	1.11E-01	8.10E-02
3046	474769.83, 3849057.25	1.01442	65.4916	42.0956	0.0028619	0.1847654	0.1187603	7.25E-03	4.68E-01	3.01E-01	2.60E-03	1.68E-01	1.08E-01
3047	474794.83, 3848682.25	5.08134	130.815	116.252	0.0143355	0.3690568	0.3279697	3.63E-02	9.35E-01	8.30E-01	1.30E-02	3.35E-01	2.98E-01
3048	474794.83, 3848707.25	4.09009	121.469	102.914	0.011539	0.3426882	0.2903419	2.92E-02	8.68E-01	7.35E-01	1.05E-02	3.11E-01	2.63E-01
3049	474794.83, 3848732.25	3.32524	112.028	89.1278	0.0093812	0.3160539	0.251448	2.38E-02	8.00E-01	6.37E-01	8.51E-03	2.87E-01	2.28E-01
3050	474794.83, 3848757.25	2.84153	106.619	78.6117	0.0080165	0.3007956	0.22178	2.03E-02	7.62E-01	5.62E-01	7.27E-03	2.73E-01	2.01E-01
3051	474794.83, 3848782.25	2.49107	100.216	72.4271	0.0070278	0.2827305	0.204332	1.78E-02	7.16E-01	5.17E-01	6.38E-03	2.57E-01	1.85E-01
3052	474794.83, 3848807.25	2.24664	97.3351	70.2255	0.0063382	0.2746025	0.1981206	1.60E-02	6.95E-01	5.02E-01	5.75E-03	2.49E-01	1.80E-01
3053	474794.83, 3848832.25	2.03628	95.3254	65.9801	0.0057448	0.2689327	0.1861437	1.45E-02	6.81E-01	4.71E-01	5.21E-03	2.44E-01	1.69E-01
3054	474794.83, 3848857.25	1.86201	88.2794	64.2924	0.0052531	0.2490546	0.1813822	1.33E-02	6.31E-01	4.59E-01	4.77E-03	2.26E-01	1.65E-01
3055	474794.83, 3848882.25	1.75686	86.3583	63.9084	0.0049565	0.2436348	0.1802989	1.26E-02	6.17E-01	4.57E-01	4.50E-03	2.21E-01	1.64E-01
3056	474794.83, 3848907.25	1.7481	92.2049	64.6235	0.0049318	0.2601292	0.1823165	1.25E-02	6.59E-01	4.62E-01	4.47E-03	2.36E-01	1.65E-01
3057	474794.83, 3848932.25	1.62955	91.982	61.536	0.0045973	0.2595005	0.1736058	1.16E-02	6.57E-01	4.40E-01	4.17E-03	2.35E-01	1.58E-01
3058	474794.83, 3848957.25	1.30065	81.2769	56.9839	0.0036694	0.2292989	0.1607634	9.29E-03	5.81E-01	4.07E-01	3.33E-03	2.08E-01	1.46E-01
3059	474794.83, 3848982.25	0.96729	54.2433	43.389	0.0027289	0.1530317	0.1224093	6.91E-03	3.88E-01	3.10E-01	2.48E-03	1.39E-01	1.11E-01
3060	474794.83, 3849007.25	0.79089	41.8228	31.6336	0.0022313	0.1179909	0.089245	5.65E-03	2.99E-01	2.26E-01	2.02E-03	1.07E-01	8.10E-02
3061	474794.83, 3849032.25	0.89065	53.357	37.7606	0.0025127	0.1505312	0.1065305	6.36E-03	3.81E-01	2.70E-01	2.28E-03	1.37E-01	9.67E-02
3062	474794.83, 3849057.25	1.05767	67.8577	43.726	0.0029839	0.1914408	0.1233603	7.56E-03	4.85E-01	3.12E-01	2.71E-03	1.74E-01	1.12E-01
3063	474794.83, 3849082.25	1.12999	64.6713	43.3654	0.0031879	0.1824511	0.1223429	8.07E-03	4.62E-01	3.10E-01	2.89E-03	1.66E-01	1.11E-01
3064	474819.83, 3848707.25	5.00404	130.477	115.338	0.0141174	0.3681017	0.3253923	3.57E-02	9.32E-01	8.24E-01	1.28E-02	3.34E-01	2.95E-01
3065	474819.83, 3848732.25	3.8877	119.546	99.706	0.010968	0.3372649	0.2812914	2.78E-02	8.54E-01	7.12E-01	9.95E-03	3.06E-01	2.55E-01
3066	474819.83, 3848757.25	3.27592	112.177	88.8568	0.0092421	0.3164751	0.2506834	2.34E-02	8.01E-01	6.35E-01	8.39E-03	2.87E-01	2.27E-01
3067	474819.83, 3848782.25	2.83868	107.745	80.4112	0.0080085	0.303972	0.2268567	2.03E-02	7.70E-01	5.74E-01	7.27E-03	2.76E-01	2.06E-01
3068	474819.83, 3848807.25	2.51954	102.096	75.4487	0.0071081	0.2880334	0.2128566	1.80E-02	7.29E-01	5.39E-01	6.45E-03	2.61E-01	1.93E-01
3069	474819.83, 3848832.25	2.25033	101.641	71.5667	0.0063486	0.2867511	0.2019046	1.61E-02	7.26E-01	5.11E-01	5.76E-03	2.60E-01	1.83E-01
3070	474819.83, 3848857.25	2.03007	95.814	69.018	0.0057272	0.2703113	0.1947141	1.45E-02	6.84E-01	4.93E-01	5.20E-03	2.45E-01	1.77E-01
3071	474819.83, 3848882.25	1.87816	91.3383	67.8821	0.0052987	0.2576845	0.1915096	1.34E-02	6.52E-01	4.85E-01	4.81E-03	2.34E-01	1.74E-01
3072	474819.83, 3848907.25	1.82345	93.642	68.3334	0.0051443	0.2641837	0.1927827	1.30E-02	6.69E-01	4.88E-01	4.67E-03	2.40E-01	1.75E-01
3073	474819.83, 3848932.25	1.74752	96.0322	64.8749	0.0049301	0.2709268	0.1830257	1.25E-02	6.86E-01	4.63E-01	4.47E-03	2.46E-01	1.66E-01
3074	474819.83, 3848957.25	1.49526	91.2773	61.5394	0.0042184	0.2575123	0.1736156	1.07E-02	6.52E-01	4.40E-01	3.83E-03	2.34E-01	1.58E-01
3075	474819.83, 3848982.25	1.16838	68.0614	52.264	0.0032962	0.1920155	0.1474475	8.35E-03	4.86E-01	3.73E-01	2.99E-03	1.74E-01	1.34E-01
3076	474819.83, 3849007.25	1.03571	59.946	43.4406	0.002922	0.1691202	0.1225551	7.40E-03	4.28E-01	3.10E-01	2.65E-03	1.53E-01	1.11E-01
3077	474819.83, 3849032.25	1.199	76.038	48.9677	0.0033826	0.214519	0.138148	8.57E-03	5.43E-01	3.50E-01	3.07E-03	1.95E-01	1.25E-01
3078	474819.83, 3849057.25	1.21068	73.8879	47.7384	0.0034156	0.2084531	0.1346798	8.65E-03	5.28E-01	3.41E-01	3.10E-03	1.89E-01	1.22E-01
3079	474819.83, 3849082.25	1.1726	65.9487	44.8283	0.0033081	0.1860549	0.1264699	8.38E-03	4.71E-01	3.20E-01	3.00E-03	1.69E-01	1.15E-01
3080	474819.83, 3849107.25	1.0181	54.2284	40.1674	0.0028723	0.1529895	0.1133206	7.27E-03	3.87E-01	2.87E-01	2.61E-03	1.39E-01	1.03E-01
3081	474844.83, 3848732.25	4.72809	128.549	113.299	0.0133389	0.3626643	0.319641	3.38E-02	9.18E-01	8.09E-01	1.21E-02	3.29E-01	2.90E-01
3082	474844.83, 3848757.25	3.85208	119.228	101.245	0.0108675	0.3363666	0.2856345	2.75E-02	8.52E-01	7.23E-01	9.86E-03	3.05E-01	2.59E-01
3083	474844.83, 3848782.25	3.24824	113.497	89.3893	0.009164	0.3201989	0.2521859	2.32E-02	8.11E-01	6.39E-01	8.31E-03	2.91E-01	2.29E-01
3084	474844.83, 3848807.25	2.82149	108.167	81.5305	0.00796	0.3051605	0.2300144	2.02E-02	7.73E-01	5.82E-01	7.22E-03	2.77E-01	2.09E-01
3085	474844.83, 3848832.25	2.48521	105.737	77.6394	0.0070113	0.2983071	0.2190368	1.78E-02	7.55E-01	5.55E-01	6.36E-03	2.71E-01	1.99E-01
3086	474844.83, 3848857.25	2.21981	102.631	73.0336	0.0062625	0.2895432	0.2060428	1.59E-02	7.33E-01	5.22E-01	5.68E-03	2.63E-01	1.87E-01
3087	474844.83, 3848882.25	2.02617	96.6668	71.1972	0.0057162	0.2727172	0.2008622	1.45E-02	6.91E-01	5.09E-01	5.19E-03	2.47E-01	1.82E-01
3088	474844.83, 3848907.25	1.88403	92.8902	69.1106	0.0053152	0.2620624	0.1949755	1.35E-02	6.64E-01	4.94E-01	4.82E-03	2.38E-01	1.77E-01
3089	474844.83, 3848932.25	1.83075	98.0719	68.3094	0.0051649	0.2766812	0.1927151	1.31E-02	7.01E-01	4.88E-01	4.69E-03	2.51E-01	1.75E-01
3090	474844.83, 3848957.25	1.7079	95.1379	65.8099	0.0048183	0.2684038	0.1856633	1.22E-02	6.80E-01	4.70E-01	4.37E-03	2.44E-01	1.68E-01
3091	474844.83, 3848982.25	1.41469	83.2527	61.4699	0.0039911	0.2348731	0.1734195	1.01E-02	5.95E-01	4.39E-01	3.62E-03	2.13E-01	1.57E-01
3092	474844.83, 3849007.25	1.27197	75.4518	53.8812	0.0035885	0.2128651	0.15201	9.09E-03	5.39E-01	3.85E-01	3.26E-03	1.93E-01	1.38E-01
3093	474844.83, 3849032.25	1.37777	80.4342	54.3531	0.003887	0.2269215	0.1533413	9.84E-03	5.75E-01	3.88E-01	3.53E-03	2.06E-01	1.39E-01
3094	474844.83, 3849057.25	1.30797	74.2747	50.0738	0.0036901	0.2095444	0.1412686	9.34E-03	5.31E-01	3.58E-01	3.35E-03	1.90E-01	1.28E-01
3095	474844.83, 3849082.25	1.1958	65.8504	45.524	0.0033736	0.1857777	0.1284326	8.54E-03	4.70E-01	3.25E-01	3.06E-03	1.69E-01	1.17E-01
3096	474844.83, 3849107.25	1.08388	57.0291	42.3499	0.0030579	0.1608911	0.119478	7.74E-03	4.07E-01	3.03E-01	2.77E-03	1.46E-01	1.08E-01
3097	474869.83, 3848757.25	4.6625	127.731	112.649	0.0131539	0.3603562	0.3178058	3.33E-02	9.12E-01	8.05E-01	1.19E-02	3.27E-01	2.88E-01
3098	474869.83, 3848782.25	3.77906	119.053	100.492	0.0106615	0.3358727	0.2835093	2.70E-02	8.50E-01	7.18E-01	9.67E-03	3.05E-01	2.57E-01
3099	474869.83, 3848807.25	3.18452	113.687	89.4908	0.0089842	0.3207355	0.252472	2.27E-02	8.12E-01	6.39E-01	8.15E-03	2.91E-01	2.29E-01
3100	474869.83, 3848832.25	2.77674	109.005	84.1466	0.0078338	0.3075258	0.2373951	1.98E-02	7.79E-01	6.01E-01	7.11E-03	2.79E-01	2.15E-01
3101	474869.83, 3848857.25	2.47075	108.131	78.1261	0.0069705	0.3050592	0.22041	1.77E-02	7.72E-01	5.58E-01	6.32E-03	2.77E-01	2.00E-01
3102	474869.83, 3848882.25	2.21408	102.201	75.3882	0.0062464	0.2883295	0.2126858	1.58E-02	7.30E-01	5.39E-01	5.67E-03	2.62E-01	1.93E-01
3103	474869.83, 3848907.25	2.02596	97.6356	72.8902	0.0057157	0.2754503	0.2056384	1.45E-02	6.97E-01	5.21E-01	5.19E-03	2.50E-01	1.87E-01
3104	474869.83, 3848932.25	1.91524	99.9331	70.6925	0.0054033	0.2819322	0.1994382	1.37E-02	7.14E-01	5.05E-01	4.90E-03	2.56E-01	1.81E-01
3105	474869.83, 3848957.25	1.83015	98.6643	69.2017	0.0051632	0.2783525	0.1952324	1.31E-02	7.05E-01	4.94E-01	4.68E-03	2.53E-01	1.77E-01
3106	474869.83, 3848982.25	1.69431	90.7456	68.225	0.00478	0.2560123	0.192477	1.21E-02	6.48E-01	4.87E-01	4.34E-03	2.32E-01	1.75E-01
3107	474869.83, 3849007.25	1.55311	83.7397	62.0886	0.0043816	0.2362471	0.1751648	1.11E-02	5.98E-01	4.44E-01	3.98E-03	2.14E-01	1.59E-01
3108	474869.83, 3849032.25	1.46907	83.4779	57.7278	0.0041446	0.2355086	0.1628621	1.05E-02	5.96E-01	4.12E-01	3.76E-03	2.14E-01	1.48E-01
3109	474869.83, 3849057.25	1.3702	76.6886	52.1826	0.0038656	0.2163546	0.147218	9.79E-03	5.48E-01	3.73E-01	3.51E-03	1.96E-01	1.34E-01
3110	474869.83, 3849082.25	1.2762	70.3726	47.9294	0.0036004	0.1985358	0.1352187	9.12E-03	5.03E-01	3.42E-01	3.27E-03	1.80E-01	1.23E-01
3111	474869.83, 3849107.25	1.17624	61.6895	45.4398	0.0033184	0.1740388	0.128195	8.40E-03	4.41E-01	3.25E-01	3.01E-03	1.58E-01	1.16E-01
3112	474869.83, 3849132.25	1.0443	54.4981	39.8813	0.0029462	0.1537506	0.1125136	7.46E-03	3.89E-01	2.85E-01	2.67E-03	1.40E-01	1.02E-01
3113	474894.83, 3848757.25	6.08	136.632	125.877	0.0171529	0.3854672	0.3551239	4.34E-02	9.76E-01	8.99E-01	1.56E-02	3.50E-01	3.22E-01
3114	474894.83, 3848782.25	4.55643	126.609	111.853	0.0128546	0.3571899	0.3155595	3.26E-02	9.04E-01	7.99E-01	1.17E-02	3.24E-01	2.86E-01
3115	474894.83, 3848807.25	3.69211	119.313	98.9842	0.0104162	0.3366079	0.2792549	2.64E-02	8.52E-01	7.07E-01	9.45E-03	3.05E-01	2.53E-01

3116	474894.83, 3848832.25	3.14625	113.664	90.136	0.0088762	0.3206707	0.2542924	2.25E-02	8.12E-01	6.44E-01	8.05E-03	2.91E-01	2.31E-01
3117	474894.83, 3848857.25	2.76011	112.152	84.7911	0.0077868	0.3164027	0.2392133	1.97E-02	8.01E-01	6.06E-01	7.07E-03	2.87E-01	2.17E-01
3118	474894.83, 3848882.25	2.45056	108.145	81.1768	0.0069135	0.3051008	0.2290166	1.75E-02	7.73E-01	5.80E-01	6.27E-03	2.77E-01	2.08E-01
3119	474894.83, 3848907.25	2.2149	104.138	78.2904	0.0062487	0.2937956	0.2208734	1.58E-02	7.44E-01	5.59E-01	5.67E-03	2.67E-01	2.00E-01
3120	474894.83, 3848932.25	2.04851	102.758	75.3206	0.0057793	0.2899028	0.212495	1.46E-02	7.34E-01	5.38E-01	5.24E-03	2.63E-01	1.93E-01
3121	474894.83, 3848957.25	1.91344	101.653	71.8741	0.0053982	0.2867837	0.2027717	1.37E-02	7.26E-01	5.13E-01	4.90E-03	2.60E-01	1.84E-01
3122	474894.83, 3848982.25	1.79489	94.4651	71.5659	0.0050638	0.2665058	0.2019022	1.28E-02	6.75E-01	5.11E-01	4.59E-03	2.42E-01	1.83E-01
3123	474894.83, 3849007.25	1.67374	87.8307	66.4948	0.004722	0.2477886	0.1875957	1.20E-02	6.27E-01	4.75E-01	4.28E-03	2.25E-01	1.70E-01
3124	474894.83, 3849032.25	1.54273	84.8625	60.3506	0.0043524	0.2394149	0.1702617	1.10E-02	6.06E-01	4.31E-01	3.95E-03	2.17E-01	1.54E-01
3125	474894.83, 3849057.25	1.43444	79.4591	54.4749	0.0040469	0.2241706	0.1536849	1.02E-02	5.68E-01	3.89E-01	3.67E-03	2.03E-01	1.39E-01
3126	474894.83, 3849082.25	1.34532	73.7062	49.9848	0.0037954	0.2079406	0.1410176	9.61E-03	5.27E-01	3.57E-01	3.44E-03	1.89E-01	1.28E-01
3127	474894.83, 3849107.25	1.25688	65.833	47.8978	0.0035459	0.1857285	0.1351297	8.98E-03	4.70E-01	3.42E-01	3.22E-03	1.69E-01	1.23E-01
3128	474894.83, 3849132.25	1.13967	58.7184	43.29	0.0032152	0.1656567	0.12213	8.14E-03	4.19E-01	3.09E-01	2.92E-03	1.50E-01	1.11E-01
3129	474894.83, 3849157.25	0.97373	49.0849	36.789	0.0027471	0.1384788	0.1037895	6.96E-03	3.51E-01	2.63E-01	2.49E-03	1.26E-01	9.42E-02
3130	474919.83, 3848782.25	5.73096	135.201	123.795	0.0161682	0.3814293	0.3492527	4.09E-02	9.66E-01	8.84E-01	1.47E-02	3.46E-01	3.17E-01
3131	474919.83, 3848807.25	4.44051	125.666	110.77	0.0125276	0.3545305	0.3125065	3.17E-02	8.98E-01	7.91E-01	1.14E-02	3.22E-01	2.84E-01
3132	474919.83, 3848832.25	3.65455	119.98	99.8474	0.0103102	0.3384877	0.2816903	2.61E-02	8.57E-01	7.13E-01	9.35E-03	3.07E-01	2.56E-01
3133	474919.83, 3848857.25	3.11925	115.478	94.0847	0.0088001	0.3257869	0.2654324	2.23E-02	8.25E-01	6.72E-01	7.98E-03	2.96E-01	2.41E-01
3134	474919.83, 3848882.25	2.72648	113.172	86.2053	0.007692	0.3192814	0.2432031	1.95E-02	8.08E-01	6.16E-01	6.98E-03	2.90E-01	2.21E-01
3135	474919.83, 3848907.25	2.42987	108.452	83.4605	0.0068552	0.3059665	0.2354594	1.74E-02	7.75E-01	5.96E-01	6.22E-03	2.78E-01	2.14E-01
3136	474919.83, 3848932.25	2.2085	105.22	79.2409	0.0062306	0.2968479	0.223555	1.58E-02	7.52E-01	5.66E-01	5.65E-03	2.69E-01	2.03E-01
3137	474919.83, 3848957.25	2.03236	104.839	74.874	0.0057337	0.2957723	0.2112351	1.45E-02	7.49E-01	5.35E-01	5.20E-03	2.68E-01	1.92E-01
3138	474919.83, 3848982.25	1.88594	98.4999	74.2802	0.0053206	0.2778888	0.20956	1.35E-02	7.04E-01	5.31E-01	4.83E-03	2.52E-01	1.90E-01
3139	474919.83, 3849007.25	1.75452	90.6512	70.0703	0.0049499	0.2557459	0.197683	1.25E-02	6.48E-01	5.01E-01	4.49E-03	2.32E-01	1.79E-01
3140	474919.83, 3849032.25	1.60786	87.0405	62.9793	0.0045361	0.2455593	0.1776777	1.15E-02	6.22E-01	4.50E-01	4.12E-03	2.23E-01	1.61E-01
3141	474919.83, 3849057.25	1.49066	81.4222	56.0498	0.0042055	0.2297089	0.1581281	1.06E-02	5.82E-01	4.00E-01	3.82E-03	2.08E-01	1.43E-01
3142	474919.83, 3849082.25	1.38449	74.6123	51.273	0.0039059	0.2104967	0.1446519	9.89E-03	5.33E-01	3.66E-01	3.54E-03	1.91E-01	1.31E-01
3143	474919.83, 3849107.25	1.28918	66.4619	48.9184	0.003637	0.1875028	0.1380089	9.21E-03	4.75E-01	3.49E-01	3.30E-03	1.70E-01	1.25E-01
3144	474919.83, 3849132.25	1.18958	60.5486	44.7906	0.0033561	0.1708203	0.1263636	8.50E-03	4.33E-01	3.20E-01	3.05E-03	1.55E-01	1.15E-01
3145	474919.83, 3849157.25	1.04131	51.9865	39.0527	0.0029378	0.1466648	0.1101759	7.44E-03	3.71E-01	2.79E-01	2.67E-03	1.33E-01	1.00E-01
3146	474919.83, 3849182.25	0.93409	44.819	33.7999	0.0026353	0.1264437	0.0953564	6.67E-03	3.20E-01	2.41E-01	2.39E-03	1.15E-01	8.65E-02
3147	474944.83, 3848807.25	5.54394	133.892	122.173	0.0156406	0.3777378	0.344676	3.96E-02	9.56E-01	8.73E-01	1.42E-02	3.43E-01	3.13E-01
3148	474944.83, 3848832.25	4.35447	125.749	110.587	0.0122849	0.3547639	0.3119902	3.11E-02	8.98E-01	7.90E-01	1.11E-02	3.22E-01	2.83E-01
3149	474944.83, 3848857.25	3.59982	119.746	100.818	0.0101558	0.3378281	0.2844274	2.57E-02	8.55E-01	7.20E-01	9.21E-03	3.07E-01	2.58E-01
3150	474944.83, 3848882.25	3.0715	117.483	92.2836	0.0086653	0.3314452	0.2603513	2.19E-02	8.39E-01	6.59E-01	7.86E-03	3.01E-01	2.36E-01
3151	474944.83, 3848907.25	2.6893	112.363	88.5669	0.0075871	0.317	0.2498655	1.92E-02	8.03E-01	6.33E-01	6.88E-03	2.88E-01	2.27E-01
3152	474944.83, 3848932.25	2.39803	108.083	83.9387	0.0067653	0.3049258	0.2368085	1.71E-02	7.72E-01	6.00E-01	6.14E-03	2.77E-01	2.15E-01
3153	474944.83, 3848957.25	2.17688	107.438	78.4408	0.0061414	0.3031058	0.2212977	1.56E-02	7.68E-01	5.60E-01	5.57E-03	2.75E-01	2.01E-01
3154	474944.83, 3848982.25	2.00353	102.97	76.6272	0.0056524	0.2904986	0.2161812	1.43E-02	7.36E-01	5.47E-01	5.13E-03	2.64E-01	1.96E-01
3155	474944.83, 3849007.25	1.85481	93.8728	72.9641	0.0052328	0.2648346	0.2058468	1.33E-02	6.71E-01	5.21E-01	4.75E-03	2.40E-01	1.87E-01
3156	474944.83, 3849032.25	1.69741	90.1903	65.6827	0.0047887	0.2544457	0.1853046	1.21E-02	6.44E-01	4.69E-01	4.35E-03	2.31E-01	1.68E-01
3157	474944.83, 3849057.25	1.56795	84.6125	58.0397	0.0044235	0.2387095	0.1637421	1.12E-02	6.04E-01	4.15E-01	4.01E-03	2.17E-01	1.49E-01
3158	474944.83, 3849082.25	1.44757	76.8285	53.2246	0.0040839	0.2167492	0.1501577	1.03E-02	5.49E-01	3.80E-01	3.71E-03	1.97E-01	1.36E-01
3159	474944.83, 3849107.25	1.33783	68.1173	50.3738	0.0037743	0.1921732	0.1421149	9.56E-03	4.87E-01	3.60E-01	3.42E-03	1.74E-01	1.29E-01
3160	474944.83, 3849132.25	1.23264	61.9404	45.9727	0.0034775	0.1747468	0.1296986	8.81E-03	4.42E-01	3.28E-01	3.16E-03	1.59E-01	1.18E-01
3161	474944.83, 3849157.25	1.11262	54.7118	41.2661	0.0031389	0.1543533	0.1164202	7.95E-03	3.91E-01	2.95E-01	2.85E-03	1.40E-01	1.06E-01
3162	474944.83, 3849182.25	0.9794	46.585	35.1427	0.0027631	0.1314259	0.0991449	7.00E-03	3.33E-01	2.51E-01	2.51E-03	1.19E-01	9.00E-02
3163	474944.83, 3849207.25	0.9043	41.2565	32.7433	0.0025512	0.1163931	0.0923756	6.46E-03	2.95E-01	2.34E-01	2.31E-03	1.06E-01	8.38E-02
3164	474969.83, 3848832.25	5.39428	132.566	120.989	0.0152184	0.3739975	0.3413341	3.85E-02	9.47E-01	8.64E-01	1.38E-02	3.39E-01	3.10E-01
3165	474969.83, 3848857.25	4.24131	125.953	109.486	0.0119656	0.3553395	0.3088827	3.03E-02	9.00E-01	7.82E-01	1.09E-02	3.22E-01	2.80E-01
3166	474969.83, 3848882.25	3.50848	120.972	102.223	0.0098982	0.341287	0.288391	2.51E-02	8.64E-01	7.30E-01	8.98E-03	3.10E-01	2.62E-01
3167	474969.83, 3848907.25	2.9967	117.058	93.9057	0.0084543	0.3302448	0.2649275	2.14E-02	8.36E-01	6.71E-01	7.67E-03	3.00E-01	2.40E-01
3168	474969.83, 3848932.25	2.62476	111.908	89.5246	0.007405	0.3157148	0.2525676	1.88E-02	7.99E-01	6.40E-01	6.72E-03	2.86E-01	2.29E-01
3169	474969.83, 3848957.25	2.34724	109.746	83.086	0.0066221	0.3096158	0.2344029	1.68E-02	7.84E-01	5.94E-01	6.01E-03	2.81E-01	2.13E-01
3170	474969.83, 3848982.25	2.14037	106.577	79.3181	0.0060384	0.3006771	0.2237728	1.53E-02	7.61E-01	5.67E-01	5.48E-03	2.73E-01	2.03E-01
3171	474969.83, 3849007.25	1.97655	98.5556	76.6903	0.0055763	0.2780459	0.2163594	1.41E-02	7.04E-01	5.48E-01	5.06E-03	2.52E-01	1.96E-01
3172	474969.83, 3849032.25	1.79896	93.3987	68.3728	0.0050752	0.2634973	0.192894	1.29E-02	6.67E-01	4.88E-01	4.60E-03	2.39E-01	1.75E-01
3173	474969.83, 3849057.25	1.65396	87.82	60.7295	0.0046662	0.2477584	0.1713304	1.18E-02	6.27E-01	4.34E-01	4.23E-03	2.25E-01	1.55E-01
3174	474969.83, 3849082.25	1.52111	79.654	55.1997	0.0042914	0.2247205	0.1557299	1.09E-02	5.69E-01	3.94E-01	3.89E-03	2.04E-01	1.41E-01
3175	474969.83, 3849107.25	1.39011	69.5785	51.7488	0.0039218	0.1962955	0.145994	9.93E-03	4.97E-01	3.70E-01	3.56E-03	1.78E-01	1.32E-01
3176	474969.83, 3849132.25	1.2607	62.6972	46.4952	0.0035567	0.1768819	0.1311727	9.01E-03	4.48E-01	3.32E-01	3.23E-03	1.60E-01	1.19E-01
3177	474969.83, 3849157.25	1.14942	55.875	42.1918	0.0032428	0.157635	0.1190318	8.21E-03	3.99E-01	3.01E-01	2.94E-03	1.43E-01	1.08E-01
3178	474969.83, 3849182.25	1.03623	48.8621	36.9411	0.0029234	0.1378502	0.1042186	7.40E-03	3.49E-01	2.64E-01	2.65E-03	1.25E-01	9.46E-02
3179	474969.83, 3849207.25	0.94935	42.9588	34.2126	0.0026783	0.1211957	0.0965208	6.78E-03	3.07E-01	2.44E-01	2.43E-03	1.10E-01	8.76E-02
3180	474994.83, 3848857.25	5.34386	132.086	120.35	0.0150761	0.3726422	0.3395332	3.82E-02	9.44E-01	8.60E-01	1.37E-02	3.38E-01	3.08E-01
3181	474994.83, 3848882.25	4.07813	124.821	109.297	0.0115053	0.3521465	0.3083506	2.91E-02	8.92E-01	7.81E-01	1.04E-02	3.20E-01	2.80E-01
3182	474994.83, 3848907.25	3.38231	121.348	99.6558	0.0095422	0.3423487	0.2811496	2.42E-02	8.67E-01	7.12E-01	8.66E-03	3.11E-01	2.55E-01
3183	474994.83, 3848932.25	2.89652	115.599	93.6277	0.0081717	0.3261286	0.2641432	2.07E-02	8.26E-01	6.69E-01	7.41E-03	2.96E-01	2.40E-01
3184	474994.83, 3848957.25	2.557	112.022	89.4977	0.0072138	0.3160385	0.2524917	1.83E-02	8.00E-01	6.39E-01	6.55E-03	2.87E-01	2.29E-01
3185	474994.83, 3848982.25	2.32188	110.431	83.3388	0.0065505	0.3115477	0.235116	1.66E-02	7.89E-01	5.95E-01	5.94E-03	2.83E-01	2.13E-01
3186	474994.83, 3849007.25	2.13988	104.64	81.8262	0.006037	0.2952113	0.2308487	1.53E-02	7.48E-01	5.85E-01	5.48E-03	2.68E-01	2.09E-01
3187	474994.83, 3849032.25	1.90593	96.208	71.8313	0.005377	0.2714228	0.2026512	1.36E-02	6.87E-01	5.13E-01	4.88E-03	2.46E-01	1.84E-01
3188	474994.83, 3849057.25	1.73317	90.3081	63.6804	0.0048896	0.254778	0.1796555	1.24E-02	6.45E-01	4.55E-01	4.44E-03	2.31E-01	1.63E-01
3189	474994.83, 3849082.25	1.59894	82.4287	57.4205	0.0045109	0.2325486	0.1619952	1.14E-02	5.89E-01	4.10E-01	4.09E-03	2.11E-01	1.47E-01
3190	474994.83, 3849107.25	1.45432	71.8987	53.377	0.0041029	0.2028413	0.1505877	1.04E-02	5.14E-01	3.81E-01	3.72E-03	1.84E-01	1.37E-01
3191	474994.83, 3849132.25	1.30191	63.8898	47.5396	0.003673	0.1802465	0.1341191	9.30E-03	4.56E-01	3.40E-01	3.33E-03	1.64E-01	1.22E-01
3192	474994.83, 3849157.25	1.20191	57.6186	43.5658	0.0033908	0.162554	0.1229081	8.59E-03	4.12E-01	3.11E-01	3.08E-03	1.47E-01	1.12E-01
3193	474994.83, 3849182.25	1.09071	50.8229	38.5754	0.0030771	0.1433819	0.1088293	7.79E-03	3.63E-01	2.76E-01	2.79E-03	1.30E-01	9.87E-02
3194	474994.83, 3849207.25	0.99319	44.4472	35.5011	0.002802	0.1253947	0.1001561	7.10E-03	3.18E-01	2.54E-01	2.54E-03	1.14E-01	9.09E-02
3195	474994.83, 3849232.25	0.91917	41.9529	32.0557	0.0025932	0.1183579	0.0904359	6.57E-03	3.00E-01	2.29E-01	2.35E-03	1.07E-01	8.21E-02

3196	475019.83, 3848882.25	4.91326	130.954	117.318	0.0138613	0.3694484	0.3309785	3.51E-02	9.36E-01	8.38E-01	1.26E-02	3.35E-01	3.00E-01
3197	475019.83, 3848907.25	3.91191	124.867	108.009	0.0110363	0.3522766	0.3047159	2.79E-02	8.92E-01	7.72E-01	1.00E-02	3.20E-01	2.76E-01
3198	475019.83, 3848932.25	3.24319	119.099	99.8306	0.0091497	0.3360044	0.2816428	2.32E-02	8.51E-01	7.13E-01	8.30E-03	3.05E-01	2.56E-01
3199	475019.83, 3848957.25	2.81158	114.187	93.9281	0.0079321	0.3221467	0.2649907	2.01E-02	8.16E-01	6.71E-01	7.20E-03	2.92E-01	2.40E-01
3200	475019.83, 3848982.25	2.52247	113.696	88.1369	0.0071164	0.3207597	0.2486525	1.80E-02	8.12E-01	6.30E-01	6.46E-03	2.91E-01	2.26E-01
3201	475019.83, 3849007.25	2.30172	108.561	86.452	0.0064936	0.3062733	0.243899	1.64E-02	7.76E-01	6.18E-01	5.89E-03	2.78E-01	2.21E-01
3202	475019.83, 3849032.25	2.04109	99.8724	76.4177	0.0057583	0.2817607	0.2155902	1.46E-02	7.13E-01	5.46E-01	5.22E-03	2.56E-01	1.96E-01
3203	475019.83, 3849057.25	1.81426	92.2134	66.3565	0.0051184	0.2601532	0.1872056	1.30E-02	6.59E-01	4.74E-01	4.64E-03	2.36E-01	1.70E-01
3204	475019.83, 3849082.25	1.64875	82.9716	58.8493	0.0046515	0.2340802	0.166026	1.18E-02	5.93E-01	4.20E-01	4.22E-03	2.12E-01	1.51E-01
3205	475019.83, 3849107.25	1.5035	73.5251	54.6448	0.0042417	0.2074295	0.1541643	1.07E-02	5.25E-01	3.90E-01	3.85E-03	1.88E-01	1.40E-01
3206	475019.83, 3849132.25	1.36902	66.1501	49.3291	0.0038623	0.1866233	0.1391676	9.78E-03	4.73E-01	3.52E-01	3.50E-03	1.69E-01	1.26E-01
3207	475019.83, 3849157.25	1.27226	60.0516	45.5311	0.0035893	0.1694181	0.1284528	9.09E-03	4.29E-01	3.25E-01	3.26E-03	1.54E-01	1.17E-01
3208	475019.83, 3849182.25	1.14751	52.7489	40.2052	0.0032374	0.1488155	0.1134273	8.20E-03	3.77E-01	2.87E-01	2.94E-03	1.35E-01	1.03E-01
3209	475019.83, 3849207.25	1.03632	45.7722	36.6388	0.0029237	0.1291328	0.1033657	7.40E-03	3.27E-01	2.62E-01	2.65E-03	1.17E-01	9.38E-02
3210	475019.83, 3849232.25	0.95489	43.0472	32.847	0.0026939	0.1214451	0.0926683	6.82E-03	3.08E-01	2.35E-01	2.44E-03	1.10E-01	8.41E-02
3211	475019.83, 3849257.25	0.89351	41.2535	30.4	0.0025208	0.1163847	0.0857646	6.38E-03	2.95E-01	2.17E-01	2.29E-03	1.06E-01	7.78E-02
3212	475044.83, 3848907.25	4.66501	128.817	116.122	0.013161	0.3634188	0.3276056	3.33E-02	9.20E-01	8.30E-01	1.19E-02	3.30E-01	2.97E-01
3213	475044.83, 3848932.25	3.7193	123.994	105.99	0.0104929	0.3498122	0.2990205	2.66E-02	8.86E-01	7.57E-01	9.52E-03	3.17E-01	2.71E-01
3214	475044.83, 3848957.25	3.11556	117.723	99.5352	0.0087896	0.3321209	0.2808095	2.23E-02	8.41E-01	7.11E-01	7.98E-03	3.01E-01	2.55E-01
3215	475044.83, 3848982.25	2.70244	114.73	91.3396	0.0076241	0.3236769	0.2576879	1.93E-02	8.20E-01	6.53E-01	6.92E-03	2.94E-01	2.34E-01
3216	475044.83, 3849007.25	2.40285	109.407	87.0538	0.0067789	0.3086608	0.2455968	1.72E-02	7.82E-01	6.22E-01	6.15E-03	2.80E-01	2.23E-01
3217	475044.83, 3849032.25	2.1384	101.201	79.3962	0.0060329	0.2855079	0.2239931	1.53E-02	7.23E-01	5.67E-01	5.47E-03	2.59E-01	2.03E-01
3218	475044.83, 3849057.25	1.89659	94.1623	68.7889	0.0053507	0.2656514	0.1940677	1.35E-02	6.73E-01	4.91E-01	4.85E-03	2.41E-01	1.76E-01
3219	475044.83, 3849082.25	1.69086	83.9239	60.0895	0.0047703	0.2367668	0.169525	1.21E-02	6.00E-01	4.29E-01	4.33E-03	2.15E-01	1.54E-01
3220	475044.83, 3849107.25	1.54348	74.7233	55.4059	0.0043545	0.21081	0.1563115	1.10E-02	5.34E-01	3.96E-01	3.95E-03	1.91E-01	1.42E-01
3221	475044.83, 3849132.25	1.43843	68.3936	50.9911	0.0040581	0.1929525	0.1438564	1.03E-02	4.89E-01	3.64E-01	3.68E-03	1.75E-01	1.31E-01
3222	475044.83, 3849157.25	1.32085	61.4634	46.5415	0.0037264	0.173401	0.1313033	9.44E-03	4.39E-01	3.32E-01	3.38E-03	1.57E-01	1.19E-01
3223	475044.83, 3849182.25	1.1967	54.2274	41.3895	0.0033761	0.1529869	0.1167684	8.55E-03	3.87E-01	2.96E-01	3.06E-03	1.39E-01	1.06E-01
3224	475044.83, 3849207.25	1.08089	47.0609	37.7542	0.0030494	0.1327685	0.1065124	7.72E-03	3.36E-01	2.70E-01	2.77E-03	1.20E-01	9.66E-02
3225	475044.83, 3849232.25	0.99487	44.3024	33.7509	0.0028067	0.1249863	0.0952184	7.11E-03	3.16E-01	2.41E-01	2.55E-03	1.13E-01	8.64E-02
3226	475044.83, 3849257.25	0.92914	42.3852	31.3873	0.0026213	0.1195774	0.08855	6.64E-03	3.03E-01	2.24E-01	2.38E-03	1.08E-01	8.03E-02
3227	475044.83, 3849282.25	0.86869	39.7466	29.821	0.0024508	0.1121333	0.0841313	6.21E-03	2.84E-01	2.13E-01	2.22E-03	1.02E-01	7.63E-02
3228	475069.83, 3848932.25	4.40059	127.922	113.752	0.012415	0.3608936	0.3209175	3.14E-02	9.14E-01	8.13E-01	1.13E-02	3.27E-01	2.91E-01
3229	475069.83, 3848957.25	3.53617	121.663	104.64	0.0099763	0.343238	0.2952108	2.53E-02	8.69E-01	7.48E-01	9.05E-03	3.11E-01	2.68E-01
3230	475069.83, 3848982.25	2.96446	116.605	98.0659	0.0083634	0.3289667	0.2766643	2.12E-02	8.33E-01	7.01E-01	7.59E-03	2.98E-01	2.51E-01
3231	475069.83, 3849007.25	2.55615	111.568	88.5052	0.0072114	0.3147561	0.2496916	1.83E-02	7.97E-01	6.32E-01	6.54E-03	2.86E-01	2.27E-01
3232	475069.83, 3849032.25	2.23347	102.009	80.9455	0.0063011	0.2877877	0.228364	1.60E-02	7.29E-01	5.78E-01	5.72E-03	2.61E-01	2.07E-01
3233	475069.83, 3849057.25	1.97842	95.618	71.3557	0.0055815	0.2697583	0.2013094	1.41E-02	6.83E-01	5.10E-01	5.06E-03	2.45E-01	1.83E-01
3234	475069.83, 3849082.25	1.76266	85.8938	61.5367	0.0049728	0.2423243	0.1736078	1.26E-02	6.14E-01	4.40E-01	4.51E-03	2.20E-01	1.58E-01
3235	475069.83, 3849107.25	1.59422	76.2545	55.835	0.0044976	0.2151297	0.157522	1.14E-02	5.45E-01	3.99E-01	4.08E-03	1.95E-01	1.43E-01
3236	475069.83, 3849132.25	1.46287	68.4393	51.0674	0.0041271	0.1930814	0.1440717	1.05E-02	4.89E-01	3.65E-01	3.74E-03	1.75E-01	1.31E-01
3237	475069.83, 3849157.25	1.33866	61.4774	46.276	0.0037766	0.1734406	0.1305542	9.56E-03	4.39E-01	3.31E-01	3.43E-03	1.57E-01	1.18E-01
3238	475069.83, 3849182.25	1.23347	55.0258	42.0731	0.0034799	0.1552393	0.118697	8.81E-03	3.93E-01	3.01E-01	3.16E-03	1.41E-01	1.08E-01
3239	475069.83, 3849207.25	1.12333	48.1068	38.8045	0.0031691	0.1357194	0.1094754	8.02E-03	3.44E-01	2.77E-01	2.88E-03	1.23E-01	9.93E-02
3240	475069.83, 3849232.25	1.03615	45.5436	34.8133	0.0029232	0.128488	0.0982156	7.40E-03	3.25E-01	2.49E-01	2.65E-03	1.17E-01	8.91E-02
3241	475069.83, 3849257.25	0.96663	43.529	32.3787	0.0027271	0.1228042	0.0913471	6.91E-03	3.11E-01	2.31E-01	2.47E-03	1.11E-01	8.29E-02
3242	475069.83, 3849282.25	0.90003	40.5591	30.5796	0.0025392	0.1144257	0.0862714	6.43E-03	2.90E-01	2.18E-01	2.30E-03	1.04E-01	7.83E-02
3243	475069.83, 3849307.25	0.84523	37.4119	29.1484	0.0023846	0.1055468	0.0822336	6.04E-03	2.67E-01	2.08E-01	2.16E-03	9.58E-02	7.46E-02
3244	475094.83, 3848932.25	5.53091	132.778	123.679	0.0156038	0.3745951	0.3489254	3.95E-02	9.49E-01	8.84E-01	1.42E-02	3.40E-01	3.17E-01
3245	475094.83, 3848957.25	4.16524	126.854	111.909	0.011751	0.3578813	0.3157178	2.98E-02	9.06E-01	7.99E-01	1.07E-02	3.25E-01	2.86E-01
3246	475094.83, 3848982.25	3.39424	120.394	105.038	0.0095759	0.3396562	0.2963332	2.42E-02	8.60E-01	7.50E-01	8.69E-03	3.08E-01	2.69E-01
3247	475094.83, 3849007.25	2.84303	116.129	93.7238	0.0080208	0.3276252	0.2644143	2.03E-02	8.30E-01	6.70E-01	7.28E-03	2.97E-01	2.40E-01
3248	475094.83, 3849032.25	2.43615	106.622	86.5309	0.0068729	0.3008018	0.2441217	1.74E-02	7.62E-01	6.18E-01	6.24E-03	2.73E-01	2.22E-01
3249	475094.83, 3849057.25	2.11984	99.1956	74.815	0.0059805	0.2798514	0.2110688	1.51E-02	7.09E-01	5.34E-01	5.43E-03	2.54E-01	1.92E-01
3250	475094.83, 3849082.25	1.88471	90.1524	65.0933	0.0053172	0.2543386	0.1836416	1.35E-02	6.44E-01	4.65E-01	4.82E-03	2.31E-01	1.67E-01
3251	475094.83, 3849107.25	1.69426	79.8011	58.2077	0.0047799	0.2251354	0.164216	1.21E-02	5.70E-01	4.16E-01	4.34E-03	2.04E-01	1.49E-01
3252	475094.83, 3849132.25	1.5278	70.0358	52.6478	0.0043102	0.1975855	0.1485303	1.09E-02	5.00E-01	3.76E-01	3.91E-03	1.79E-01	1.35E-01
3253	475094.83, 3849157.25	1.37785	61.9875	46.8134	0.0038872	0.1748797	0.1320704	9.84E-03	4.43E-01	3.34E-01	3.53E-03	1.59E-01	1.20E-01
3254	475094.83, 3849182.25	1.30065	57.1221	43.982	0.0036694	0.1611533	0.1240823	9.29E-03	4.08E-01	3.14E-01	3.33E-03	1.46E-01	1.13E-01
3255	475094.83, 3849207.25	1.18586	50.1086	40.6447	0.0033456	0.1413669	0.114667	8.47E-03	3.58E-01	2.90E-01	3.04E-03	1.28E-01	1.04E-01
3256	475094.83, 3849232.25	1.08398	47.0627	36.2079	0.0030581	0.1327738	0.1021499	7.74E-03	3.36E-01	2.59E-01	2.77E-03	1.20E-01	9.27E-02
3257	475094.83, 3849257.25	1.00314	44.4928	33.2427	0.0028301	0.1255233	0.0937846	7.17E-03	3.18E-01	2.37E-01	2.57E-03	1.14E-01	8.51E-02
3258	475094.83, 3849282.25	0.93279	41.3615	31.4059	0.0026316	0.1166895	0.0886026	6.66E-03	2.95E-01	2.24E-01	2.39E-03	1.06E-01	8.04E-02
3259	475094.83, 3849307.25	0.87548	38.1055	30.0163	0.0024699	0.1075037	0.0846823	6.25E-03	2.72E-01	2.14E-01	2.24E-03	9.75E-02	7.68E-02
3260	475119.83, 3848957.25	5.17921	132.524	121.5	0.0146116	0.3738774	0.3427777	3.70E-02	9.47E-01	8.68E-01	1.33E-02	3.39E-01	3.11E-01
3261	475119.83, 3848982.25	3.92291	124.948	111.68	0.0110673	0.3525033	0.315073	2.80E-02	8.93E-01	7.98E-01	1.00E-02	3.20E-01	2.86E-01
3262	475119.83, 3849007.25	3.2055	120.364	101.253	0.0090434	0.3395708	0.2856555	2.29E-02	8.60E-01	7.23E-01	8.21E-03	3.08E-01	2.59E-01
3263	475119.83, 3849032.25	2.71564	112.167	93.7397	0.0076614	0.3164469	0.2644593	1.94E-02	8.01E-01	6.70E-01	6.95E-03	2.87E-01	2.40E-01
3264	475119.83, 3849057.25	2.33171	104.101	80.1016	0.0065782	0.2936902	0.2259833	1.67E-02	7.44E-01	5.72E-01	5.97E-03	2.66E-01	2.05E-01
3265	475119.83, 3849082.25	2.06059	96.7708	69.9148	0.0058134	0.2730106	0.1972442	1.47E-02	6.91E-01	4.99E-01	5.27E-03	2.48E-01	1.79E-01
3266	475119.83, 3849107.25	1.8344	84.9721	62.2207	0.0051752	0.2397241	0.1755377	1.31E-02	6.07E-01	4.44E-01	4.70E-03	2.18E-01	1.59E-01
3267	475119.83, 3849132.25	1.63161	73.3586	55.5923	0.0046031	0.2069597	0.1568374	1.17E-02	5.24E-01	3.97E-01	4.18E-03	1.88E-01	1.42E-01
3268	475119.83, 3849157.25	1.46665	64.965	49.3838	0.0041377	0.1832798	0.1393219	1.05E-02	4.64E-01	3.53E-01	3.75E-03	1.66E-01	1.26E-01
3269	475119.83, 3849182.25	1.37621	59.4117	46.1094	0.0038826	0.1676127	0.1300843	9.83E-03	4.24E-01	3.29E-01	3.52E-03	1.52E-01	1.18E-01
3270	475119.83, 3849207.25	1.26198	52.5292	42.6908	0.0035603	0.1481958	0.1204397	9.02E-03	3.75E-01	3.05E-01	3.23E-03	1.34E-01	1.09E-01
3271	475119.83, 3849232.25	1.14959	49.4317	38.2055	0.0032432	0.1394572	0.1077858	8.21E-03	3.53E-01	2.73E-01	2.94E-03	1.27E-01	9.78E-02
3272	475119.83, 3849257.25	1.05146	46.072	34.8029	0.0029664	0.1299787	0.0981861	7.51E-03	3.29E-01	2.49E-01	2.69E-03	1.18E-01	8.91E-02
3273	475119.83, 3849282.25	0.96796	42.2117	32.2758	0.0027308	0.119088	0.0910568	6.91E-03	3.02E-01	2.31E-01	2.48E-03	1.08E-01	8.26E-02
3274	475119.83, 3849307.25	0.90282	38.5102	30.6371	0.002547	0.1086452	0.0864335	6.45E-03	2.75E-01	2.19E-01	2.31E-03	9.86E-02	7.84E-02
3275	475119.83, 3849332.25	0.84674	34.6335	29.2525	0.0023888	0.0977084	0.0825274	6.05E-03	2.47E-01	2.09E-01	2.17E-03	8.87E-02	7.49E-02

3276	475144.83, 3848982.25	4.67299	129.654	118.551	0.0131835	0.3657798	0.3344559	3.34E-02	9.26E-01	8.47E-01	1.20E-02	3.32E-01	3.03E-01
3277	475144.83, 3849007.25	3.67914	124.286	108.916	0.0103796	0.350638	0.3072751	2.63E-02	8.88E-01	7.78E-01	9.42E-03	3.18E-01	2.79E-01
3278	475144.83, 3849032.25	3.10766	118.485	102.135	0.0087674	0.334272	0.2881441	2.22E-02	8.46E-01	7.30E-01	7.95E-03	3.03E-01	2.61E-01
3279	475144.83, 3849057.25	2.61407	109.645	88.5223	0.0073748	0.3093315	0.2497399	1.87E-02	7.83E-01	6.32E-01	6.69E-03	2.81E-01	2.27E-01
3280	475144.83, 3849082.25	2.25091	102.553	74.594	0.0063503	0.2893228	0.2104453	1.61E-02	7.33E-01	5.33E-01	5.76E-03	2.63E-01	1.91E-01
3281	475144.83, 3849107.25	1.95779	89.0239	65.1968	0.0055233	0.2511549	0.1839338	1.40E-02	6.36E-01	4.66E-01	5.01E-03	2.28E-01	1.67E-01
3282	475144.83, 3849132.25	1.72886	76.0761	58.2624	0.0048775	0.2146265	0.1643702	1.24E-02	5.43E-01	4.16E-01	4.43E-03	1.95E-01	1.49E-01
3283	475144.83, 3849157.25	1.59087	69.2296	52.9483	0.0044882	0.195311	0.149378	1.14E-02	4.95E-01	3.78E-01	4.07E-03	1.77E-01	1.36E-01
3284	475144.83, 3849182.25	1.44387	61.216	48.0236	0.0040735	0.1727032	0.1354847	1.03E-02	4.37E-01	3.43E-01	3.70E-03	1.57E-01	1.23E-01
3285	475144.83, 3849207.25	1.3398	54.7709	44.8109	0.0037799	0.1545202	0.1264208	9.57E-03	3.91E-01	3.20E-01	3.43E-03	1.40E-01	1.15E-01
3286	475144.83, 3849232.25	1.23509	52.508	40.8576	0.0034844	0.1481359	0.1152677	8.82E-03	3.75E-01	2.92E-01	3.16E-03	1.34E-01	1.05E-01
3287	475144.83, 3849257.25	1.11983	48.5919	37.1576	0.0031593	0.1370877	0.1048293	8.00E-03	3.47E-01	2.65E-01	2.87E-03	1.24E-01	9.51E-02
3288	475144.83, 3849282.25	1.00922	43.3339	33.7966	0.0028472	0.122254	0.0953471	7.21E-03	3.10E-01	2.41E-01	2.58E-03	1.11E-01	8.65E-02
3289	475144.83, 3849307.25	0.93037	38.8298	31.4045	0.0026248	0.1095468	0.0885985	6.65E-03	2.77E-01	2.24E-01	2.38E-03	9.94E-02	8.04E-02
3290	475144.83, 3849332.25	0.86942	34.7386	29.6143	0.0024528	0.0980049	0.083548	6.21E-03	2.48E-01	2.12E-01	2.23E-03	8.89E-02	7.58E-02
3291	475169.83, 3849007.25	4.31351	127.656	116.67	0.0121693	0.360145	0.3291506	3.08E-02	9.12E-01	8.33E-01	1.10E-02	3.27E-01	2.99E-01
3292	475169.83, 3849032.25	3.59959	124.943	109.611	0.0101552	0.3524914	0.3092343	2.57E-02	8.93E-01	7.83E-01	9.21E-03	3.20E-01	2.81E-01
3293	475169.83, 3849057.25	2.90927	113.874	95.7687	0.0082077	0.321262	0.2701834	2.08E-02	8.13E-01	6.84E-01	7.45E-03	2.91E-01	2.45E-01
3294	475169.83, 3849082.25	2.44394	106.301	80.1001	0.0068949	0.2998979	0.2259791	1.75E-02	7.59E-01	5.72E-01	6.26E-03	2.72E-01	2.05E-01
3295	475169.83, 3849107.25	2.10664	93.7381	69.3257	0.0059433	0.2644547	0.1955823	1.50E-02	6.70E-01	4.95E-01	5.39E-03	2.40E-01	1.77E-01
3296	475169.83, 3849132.25	1.86147	80.082	61.9798	0.0052516	0.225928	0.174858	1.33E-02	5.72E-01	4.43E-01	4.76E-03	2.05E-01	1.59E-01
3297	475169.83, 3849157.25	1.71811	73.1426	56.44	0.0048471	0.2063505	0.159229	1.23E-02	5.23E-01	4.03E-01	4.40E-03	1.87E-01	1.44E-01
3298	475169.83, 3849182.25	1.53218	63.6814	51.1272	0.0043226	0.1796586	0.1442405	1.09E-02	4.55E-01	3.65E-01	3.92E-03	1.63E-01	1.31E-01
3299	475169.83, 3849207.25	1.42915	57.3953	47.7118	0.0040319	0.161924	0.1346049	1.02E-02	4.10E-01	3.41E-01	3.66E-03	1.47E-01	1.22E-01
3300	475169.83, 3849232.25	1.3153	54.9883	43.2589	0.0037107	0.1551333	0.1220423	9.40E-03	3.93E-01	3.09E-01	3.37E-03	1.41E-01	1.11E-01
3301	475169.83, 3849257.25	1.17978	50.3764	39.2117	0.0033284	0.1421222	0.1106243	8.43E-03	3.60E-01	2.80E-01	3.02E-03	1.29E-01	1.00E-01
3302	475169.83, 3849282.25	1.05575	44.6312	35.3031	0.0029785	0.1259138	0.0995974	7.54E-03	3.19E-01	2.52E-01	2.70E-03	1.14E-01	9.04E-02
3303	475169.83, 3849307.25	0.96538	39.5351	32.4466	0.0027235	0.1115367	0.0915386	6.90E-03	2.82E-01	2.32E-01	2.47E-03	1.01E-01	8.31E-02
3304	475169.83, 3849332.25	0.89709	35.1304	30.7218	0.0025309	0.0991101	0.0866726	6.41E-03	2.51E-01	2.19E-01	2.30E-03	8.99E-02	7.86E-02
3305	475194.83, 3849007.25	5.46133	134.196	127.393	0.0154075	0.3785962	0.3594019	3.90E-02	9.59E-01	9.10E-01	1.40E-02	3.44E-01	3.26E-01
3306	475194.83, 3849032.25	4.06659	128.162	115.136	0.0114727	0.3615726	0.3248215	2.91E-02	9.16E-01	8.23E-01	1.04E-02	3.28E-01	2.95E-01
3307	475194.83, 3849057.25	3.25939	117.781	104.438	0.0091954	0.3322837	0.2946409	2.33E-02	8.41E-01	7.46E-01	8.34E-03	3.01E-01	2.67E-01
3308	475194.83, 3849082.25	2.7019	110.77	87.5037	0.0076226	0.3125045	0.246866	1.93E-02	7.91E-01	6.25E-01	6.92E-03	2.84E-01	2.24E-01
3309	475194.83, 3849107.25	2.30175	99.9503	74.9019	0.0064937	0.2819807	0.211314	1.64E-02	7.14E-01	5.35E-01	5.89E-03	2.56E-01	1.92E-01
3310	475194.83, 3849132.25	2.01465	84.8016	66.4708	0.0056837	0.2392429	0.187528	1.44E-02	6.06E-01	4.75E-01	5.16E-03	2.17E-01	1.70E-01
3311	475194.83, 3849157.25	1.82863	76.1153	59.6838	0.0051589	0.2147371	0.1683804	1.31E-02	5.44E-01	4.26E-01	4.68E-03	1.95E-01	1.53E-01
3312	475194.83, 3849182.25	1.63368	66.41	54.4148	0.004609	0.1873565	0.1535155	1.17E-02	4.74E-01	3.89E-01	4.18E-03	1.70E-01	1.39E-01
3313	475194.83, 3849207.25	1.50366	59.2487	50.0817	0.0042421	0.167153	0.141291	1.07E-02	4.23E-01	3.58E-01	3.85E-03	1.52E-01	1.28E-01
3314	475194.83, 3849232.25	1.3769	56.5353	45.0564	0.0038845	0.1594978	0.1271136	9.84E-03	4.04E-01	3.22E-01	3.52E-03	1.45E-01	1.15E-01
3315	475194.83, 3849257.25	1.24103	52.0131	41.182	0.0035012	0.1467399	0.116183	8.87E-03	3.72E-01	2.94E-01	3.18E-03	1.33E-01	1.05E-01
3316	475194.83, 3849282.25	1.11161	46.2559	37.2682	0.0031361	0.1304975	0.1051415	7.94E-03	3.30E-01	2.66E-01	2.85E-03	1.18E-01	9.54E-02
3317	475194.83, 3849307.25	1.00278	40.2725	33.8221	0.0028291	0.1136172	0.0954191	7.16E-03	2.88E-01	2.42E-01	2.57E-03	1.03E-01	8.66E-02
3318	475194.83, 3849332.25	0.93094	35.9065	31.719	0.0026264	0.1012996	0.089486	6.65E-03	2.57E-01	2.27E-01	2.38E-03	9.19E-02	8.12E-02
3319	475194.83, 3849357.25	0.86961	33.5873	29.7695	0.0024534	0.0947567	0.0839858	6.21E-03	2.40E-01	2.13E-01	2.23E-03	8.60E-02	7.62E-02
3320	475219.83, 3849032.25	4.91053	133.33	124.646	0.0138536	0.3761514	0.3516536	3.51E-02	9.52E-01	8.90E-01	1.26E-02	3.41E-01	3.19E-01
3321	475219.83, 3849057.25	3.76867	123.71	112.93	0.0106322	0.349012	0.3185999	2.69E-02	8.84E-01	8.07E-01	9.65E-03	3.17E-01	2.89E-01
3322	475219.83, 3849082.25	3.02951	115.204	97.4111	0.0085469	0.3250131	0.2748168	2.16E-02	8.23E-01	6.96E-01	7.75E-03	2.95E-01	2.49E-01
3323	475219.83, 3849107.25	2.52405	105.048	81.4013	0.0071209	0.2963632	0.2296499	1.80E-02	7.50E-01	5.82E-01	6.46E-03	2.69E-01	2.08E-01
3324	475219.83, 3849132.25	2.17379	89.5747	71.7089	0.0061327	0.252709	0.2023058	1.55E-02	6.40E-01	5.12E-01	5.56E-03	2.29E-01	1.84E-01
3325	475219.83, 3849157.25	1.92588	78.431	63.1708	0.0054333	0.22127	0.1782179	1.38E-02	5.60E-01	4.51E-01	4.93E-03	2.01E-01	1.62E-01
3326	475219.83, 3849182.25	1.7271	68.6748	56.9884	0.0048725	0.193746	0.160776	1.23E-02	4.91E-01	4.07E-01	4.42E-03	1.76E-01	1.46E-01
3327	475219.83, 3849207.25	1.56453	60.4212	51.6528	0.0044139	0.1704607	0.1457233	1.12E-02	4.32E-01	3.69E-01	4.00E-03	1.55E-01	1.32E-01
3328	475219.83, 3849232.25	1.4381	57.9205	47.0048	0.0040572	0.1634056	0.1326102	1.03E-02	4.14E-01	3.36E-01	3.68E-03	1.48E-01	1.20E-01
3329	475219.83, 3849257.25	1.31612	53.9712	44.0289	0.003713	0.152264	0.1242146	9.40E-03	3.86E-01	3.15E-01	3.37E-03	1.38E-01	1.13E-01
3330	475219.83, 3849282.25	1.17022	47.7692	39.3608	0.0033014	0.1347668	0.1110451	8.36E-03	3.41E-01	2.81E-01	3.00E-03	1.22E-01	1.01E-01
3331	475219.83, 3849307.25	1.04661	41.2574	35.0332	0.0029527	0.1163957	0.0988359	7.48E-03	2.95E-01	2.50E-01	2.68E-03	1.06E-01	8.97E-02
3332	475219.83, 3849332.25	0.96726	37.3459	33.0005	0.0027288	0.1053605	0.0931012	6.91E-03	2.67E-01	2.36E-01	2.48E-03	9.56E-02	8.45E-02
3333	475219.83, 3849357.25	0.89869	34.668	30.7292	0.0025354	0.0978057	0.0866934	6.42E-03	2.48E-01	2.20E-01	2.30E-03	8.87E-02	7.87E-02
3334	475244.83, 3849032.25	6.49848	138.482	134.225	0.0183336	0.3906862	0.3786756	4.64E-02	9.89E-01	9.59E-01	1.66E-02	3.54E-01	3.44E-01
3335	475244.83, 3849057.25	4.32599	128.319	119.278	0.0122045	0.3620132	0.3365088	3.09E-02	9.17E-01	8.52E-01	1.11E-02	3.28E-01	3.05E-01
3336	475244.83, 3849082.25	3.38216	118.761	104.788	0.0095418	0.3350487	0.29563	2.42E-02	8.48E-01	7.49E-01	8.66E-03	3.04E-01	2.68E-01
3337	475244.83, 3849107.25	2.7887	109.467	89.8956	0.0078675	0.3088286	0.2536142	1.99E-02	7.82E-01	6.42E-01	7.14E-03	2.80E-01	2.30E-01
3338	475244.83, 3849132.25	2.35199	94.5144	77.6851	0.0066355	0.2666449	0.2191658	1.68E-02	6.75E-01	5.55E-01	6.02E-03	2.42E-01	1.99E-01
3339	475244.83, 3849157.25	2.03501	80.7857	67.5077	0.0057412	0.2279134	0.1904534	1.45E-02	5.77E-01	4.82E-01	5.21E-03	2.07E-01	1.73E-01
3340	475244.83, 3849182.25	1.80166	70.1125	59.5808	0.0050829	0.197802	0.1680899	1.29E-02	5.01E-01	4.26E-01	4.61E-03	1.79E-01	1.53E-01
3341	475244.83, 3849207.25	1.62733	61.64	53.6188	0.004591	0.1738994	0.1512697	1.16E-02	4.40E-01	3.83E-01	4.17E-03	1.58E-01	1.37E-01
3342	475244.83, 3849232.25	1.4912	58.8323	49.4372	0.004207	0.1659781	0.1394725	1.07E-02	4.20E-01	3.53E-01	3.82E-03	1.51E-01	1.27E-01
3343	475244.83, 3849257.25	1.36035	54.6641	45.5222	0.0038378	0.1542187	0.1284276	9.72E-03	3.91E-01	3.25E-01	3.48E-03	1.40E-01	1.17E-01
3344	475244.83, 3849282.25	1.21302	48.4152	40.94	0.0034222	0.1365892	0.1155001	8.67E-03	3.46E-01	2.92E-01	3.11E-03	1.24E-01	1.05E-01
3345	475244.83, 3849307.25	1.08877	42.4566	36.6923	0.0030716	0.1197788	0.1035166	7.78E-03	3.03E-01	2.62E-01	2.79E-03	1.09E-01	9.39E-02
3346	475244.83, 3849332.25	0.9973	38.6779	33.7538	0.0028136	0.1091183	0.0952266	7.12E-03	2.76E-01	2.41E-01	2.55E-03	9.90E-02	8.64E-02
3347	475244.83, 3849357.25	0.92464	35.723	31.6538	0.0026086	0.1007819	0.089302	6.61E-03	2.55E-01	2.26E-01	2.37E-03	9.14E-02	8.10E-02
3348	475269.83, 3849057.25	5.32223	134.758	128.526	0.0150151	0.38018	0.3625999	3.80E-02	9.63E-01	9.18E-01	1.36E-02	3.45E-01	3.29E-01
3349	475269.83, 3849082.25	3.8944	123.634	114.25	0.0109869	0.3487965	0.3223238	2.78E-02	8.83E-01	8.16E-01	9.97E-03	3.16E-01	2.92E-01
3350	475269.83, 3849107.25	3.09473	113.777	97.7187	0.0087309	0.3209899	0.2756847	2.21E-02	8.13E-01	6.98E-01	7.92E-03	2.91E-01	2.50E-01
3351	475269.83, 3849132.25	2.5681	100.222	84.2806	0.0072451	0.282746	0.237773	1.83E-02	7.16E-01	6.02E-01	6.57E-03	2.57E-01	2.16E-01
3352	475269.83, 3849157.25	2.17789	84.1469	73.3688	0.0061443	0.237396	0.2069887	1.56E-02	6.01E-01	5.24E-01	5.57E-03	2.15E-01	1.88E-01
3353	475269.83, 3849182.25	1.89396	71.8786	62.9325	0.0053433	0.2027846	0.1775456	1.35E-02	5.13E-01	4.50E-01	4.85E-03	1.84E-01	1.61E-01
3354	475269.83, 3849207.25	1.68652	63.1276	56.684	0.004758	0.1780962	0.1599173	1.20E-02	4.51E-01	4.05E-01	4.32E-03	1.62E-01	1.45E-01
3355	475269.83, 3849232.25	1.5263	59.051	50.6651	0.004306	0.1665952	0.1429368	1.09E-02	4.22E-01	3.62E-01	3.91E-03	1.51E-01	1.30E-01

3356	475269.83, 3849257.25	1.38341	54.4857	46.3595	0.0039029	0.1537154	0.1307897	9.88E-03	3.89E-01	3.31E-01	3.54E-03	1.39E-01	1.19E-01
3357	475269.83, 3849282.25	1.23902	48.7736	41.6774	0.0034955	0.1376004	0.1175806	8.85E-03	3.48E-01	2.98E-01	3.17E-03	1.25E-01	1.07E-01
3358	475269.83, 3849307.25	1.11333	43.7548	37.4786	0.0031409	0.1234415	0.105735	7.95E-03	3.13E-01	2.68E-01	2.85E-03	1.12E-01	9.59E-02
3359	475269.83, 3849332.25	1.02343	40.2866	34.5853	0.0028873	0.113657	0.0975724	7.31E-03	2.88E-01	2.47E-01	2.62E-03	1.03E-01	8.85E-02
3360	475269.83, 3849357.25	0.94965	37.2452	32.3116	0.0026792	0.1050764	0.0911577	6.78E-03	2.66E-01	2.31E-01	2.43E-03	9.53E-02	8.27E-02
3361	475294.83, 3849082.25	4.54864	128.729	122.774	0.0128327	0.3631723	0.3463709	3.25E-02	9.20E-01	8.77E-01	1.16E-02	3.30E-01	3.14E-01
3362	475294.83, 3849107.25	3.43432	117.875	105.653	0.0096889	0.3325489	0.2980687	2.45E-02	8.42E-01	7.55E-01	8.79E-03	3.02E-01	2.70E-01
3363	475294.83, 3849132.25	2.82249	105.505	92.4807	0.0079628	0.2976512	0.2609073	2.02E-02	7.54E-01	6.61E-01	7.22E-03	2.70E-01	2.37E-01
3364	475294.83, 3849157.25	2.34682	88.8985	79.0667	0.0066209	0.2508011	0.2230636	1.68E-02	6.35E-01	5.65E-01	6.01E-03	2.28E-01	2.02E-01
3365	475294.83, 3849182.25	2.02002	75.0851	66.8242	0.0056989	0.2118307	0.188525	1.44E-02	5.36E-01	4.77E-01	5.17E-03	1.92E-01	1.71E-01
3366	475294.83, 3849207.25	1.77255	66.5534	59.9352	0.0050007	0.1877608	0.1690897	1.27E-02	4.75E-01	4.28E-01	4.54E-03	1.70E-01	1.53E-01
3367	475294.83, 3849232.25	1.58169	60.8569	53.2055	0.0044623	0.1716898	0.1501038	1.13E-02	4.35E-01	3.80E-01	4.05E-03	1.56E-01	1.36E-01
3368	475294.83, 3849257.25	1.42025	55.7143	48.2733	0.0040068	0.1571815	0.1361889	1.01E-02	3.98E-01	3.45E-01	3.64E-03	1.43E-01	1.24E-01
3369	475294.83, 3849282.25	1.27055	50.1706	42.8917	0.0035845	0.1415416	0.1210064	9.08E-03	3.58E-01	3.06E-01	3.25E-03	1.28E-01	1.10E-01
3370	475294.83, 3849307.25	1.15371	46.0031	39.1833	0.0032549	0.1297842	0.1105442	8.24E-03	3.29E-01	2.80E-01	2.95E-03	1.18E-01	1.00E-01
3371	475294.83, 3849332.25	1.05516	42.2018	35.6415	0.0029768	0.1190599	0.100552	7.54E-03	3.01E-01	2.55E-01	2.70E-03	1.08E-01	9.12E-02
3372	475294.83, 3849357.25	0.97645	39.1488	33.2722	0.0027548	0.1104468	0.0938679	6.98E-03	2.80E-01	2.38E-01	2.50E-03	1.00E-01	8.52E-02
3373	475294.83, 3849382.25	0.91052	36.6456	31.493	0.0025688	0.1033848	0.0888484	6.50E-03	2.62E-01	2.25E-01	2.33E-03	9.38E-02	8.06E-02
3374	475319.83, 3849082.25	5.41881	134.02	129.196	0.0152876	0.3780985	0.3644884	3.87E-02	9.57E-01	9.23E-01	1.39E-02	3.43E-01	3.31E-01
3375	475319.83, 3849107.25	3.91739	123.164	115.358	0.0110518	0.347472	0.32545	2.80E-02	8.80E-01	8.24E-01	1.00E-02	3.15E-01	2.95E-01
3376	475319.83, 3849132.25	3.09775	110.306	99.6904	0.0087394	0.3111958	0.2812474	2.21E-02	7.88E-01	7.12E-01	7.93E-03	2.82E-01	2.55E-01
3377	475319.83, 3849157.25	2.57466	98.3746	85.7929	0.0072637	0.2775352	0.2420397	1.84E-02	7.03E-01	6.13E-01	6.59E-03	2.52E-01	2.20E-01
3378	475319.83, 3849182.25	2.1785	83.4455	71.6906	0.006146	0.2354171	0.2022542	1.56E-02	5.96E-01	5.12E-01	5.58E-03	2.14E-01	1.84E-01
3379	475319.83, 3849207.25	1.89674	72.327	63.6976	0.0053511	0.2040495	0.1797043	1.35E-02	5.17E-01	4.55E-01	4.86E-03	1.85E-01	1.63E-01
3380	475319.83, 3849232.25	1.69251	65.2806	57.5428	0.0047749	0.1841702	0.1623403	1.21E-02	4.66E-01	4.11E-01	4.33E-03	1.67E-01	1.47E-01
3381	475319.83, 3849257.25	1.52132	59.8002	52.3769	0.004292	0.1687087	0.1477661	1.09E-02	4.27E-01	3.74E-01	3.89E-03	1.53E-01	1.34E-01
3382	475319.83, 3849282.25	1.3529	54.0482	46.6471	0.0038168	0.1524811	0.1316013	9.66E-03	3.86E-01	3.33E-01	3.46E-03	1.38E-01	1.19E-01
3383	475319.83, 3849307.25	1.21757	49.2689	41.7633	0.003435	0.1389977	0.1178229	8.70E-03	3.52E-01	2.98E-01	3.12E-03	1.26E-01	1.07E-01
3384	475319.83, 3849332.25	1.09425	44.7596	37.6671	0.0030871	0.126276	0.1062667	7.82E-03	3.20E-01	2.69E-01	2.80E-03	1.15E-01	9.64E-02
3385	475319.83, 3849357.25	1.00513	41.4628	34.9518	0.0028357	0.1169753	0.0986063	7.18E-03	2.96E-01	2.50E-01	2.57E-03	1.06E-01	8.95E-02
3386	475319.83, 3849382.25	0.9361	38.8542	32.4547	0.0026409	0.1096157	0.0915615	6.69E-03	2.78E-01	2.32E-01	2.40E-03	9.95E-02	8.31E-02
3387	475344.83, 3849107.25	4.68524	130.322	123.128	0.013218	0.3676648	0.3473698	3.35E-02	9.31E-01	8.80E-01	1.20E-02	3.34E-01	3.15E-01
3388	475344.83, 3849132.25	3.47807	117.295	109.716	0.0098124	0.3309129	0.3095314	2.48E-02	8.38E-01	7.84E-01	8.90E-03	3.00E-01	2.81E-01
3389	475344.83, 3849157.25	2.85978	107.161	93.3502	0.008068	0.3023224	0.2633604	2.04E-02	7.66E-01	6.67E-01	7.32E-03	2.74E-01	2.39E-01
3390	475344.83, 3849182.25	2.37414	93.7094	79.0355	0.0066979	0.2643736	0.2229755	1.70E-02	6.69E-01	5.65E-01	6.08E-03	2.40E-01	2.02E-01
3391	475344.83, 3849207.25	2.04409	81.1323	68.0913	0.0057668	0.228891	0.1920996	1.46E-02	5.80E-01	4.86E-01	5.23E-03	2.08E-01	1.74E-01
3392	475344.83, 3849232.25	1.82473	71.8636	62.1679	0.0051479	0.2027422	0.1753885	1.30E-02	5.13E-01	4.44E-01	4.67E-03	1.84E-01	1.59E-01
3393	475344.83, 3849257.25	1.65471	65.5448	57.3922	0.0046683	0.1849156	0.1619154	1.18E-02	4.68E-01	4.10E-01	4.24E-03	1.68E-01	1.47E-01
3394	475344.83, 3849282.25	1.47868	59.6488	51.5724	0.0041717	0.1682817	0.1454965	1.06E-02	4.26E-01	3.68E-01	3.79E-03	1.53E-01	1.32E-01
3395	475344.83, 3849307.25	1.28348	52.8173	45.0377	0.003621	0.1490087	0.1270607	9.17E-03	3.77E-01	3.22E-01	3.29E-03	1.35E-01	1.15E-01
3396	475344.83, 3849332.25	1.13246	47.3278	39.8972	0.0031949	0.1335215	0.1125583	8.09E-03	3.38E-01	2.85E-01	2.90E-03	1.21E-01	1.02E-01
3397	475344.83, 3849357.25	1.03311	43.7008	36.5746	0.0029146	0.1232891	0.1031846	7.38E-03	3.12E-01	2.61E-01	2.64E-03	1.12E-01	9.36E-02
3398	475344.83, 3849382.25	0.96027	41.0027	33.9403	0.0027091	0.1156771	0.0957526	6.86E-03	2.93E-01	2.42E-01	2.46E-03	1.05E-01	8.69E-02
3399	475369.83, 3849107.25	5.55396	134.919	129.365	0.0156689	0.380634	0.3649661	3.97E-02	9.64E-01	9.24E-01	1.42E-02	3.45E-01	3.31E-01
3400	475369.83, 3849132.25	3.95215	123.884	116.582	0.0111498	0.3495035	0.3289019	2.82E-02	8.85E-01	8.33E-01	1.01E-02	3.17E-01	2.98E-01
3401	475369.83, 3849157.25	3.12176	113.27	101.15	0.0088071	0.3195594	0.2853642	2.23E-02	8.09E-01	7.23E-01	7.99E-03	2.90E-01	2.59E-01
3402	475369.83, 3849182.25	2.5832	102.786	86.4168	0.0072877	0.2899812	0.2437999	1.85E-02	7.34E-01	6.17E-01	6.61E-03	2.63E-01	2.21E-01
3403	475369.83, 3849207.25	2.24152	91.3616	74.9474	0.0063238	0.2577501	0.2114423	1.60E-02	6.53E-01	5.35E-01	5.74E-03	2.34E-01	1.92E-01
3404	475369.83, 3849232.25	2.01612	81.9519	68.3601	0.0056879	0.2312033	0.1928579	1.44E-02	5.85E-01	4.88E-01	5.16E-03	2.10E-01	1.75E-01
3405	475369.83, 3849257.25	1.81311	73.1212	62.7764	0.0051152	0.2062902	0.1771053	1.30E-02	5.22E-01	4.48E-01	4.64E-03	1.87E-01	1.61E-01
3406	475369.83, 3849282.25	1.58459	64.599	56.071	0.0044705	0.1822472	0.1581878	1.13E-02	4.61E-01	4.01E-01	4.06E-03	1.65E-01	1.44E-01
3407	475369.83, 3849307.25	1.33569	55.7684	47.7363	0.0037683	0.1573341	0.1346741	9.54E-03	3.98E-01	3.41E-01	3.42E-03	1.43E-01	1.22E-01
3408	475369.83, 3849332.25	1.16716	49.4808	41.9248	0.0032928	0.1395955	0.1182787	8.34E-03	3.53E-01	3.00E-01	2.99E-03	1.27E-01	1.07E-01
3409	475369.83, 3849357.25	1.06094	45.7771	38.2904	0.0029931	0.1291468	0.1080251	7.58E-03	3.27E-01	2.74E-01	2.72E-03	1.17E-01	9.80E-02
3410	475369.83, 3849382.25	0.98363	43.034	35.8427	0.002775	0.121408	0.1011196	7.03E-03	3.07E-01	2.56E-01	2.52E-03	1.10E-01	9.17E-02
3411	475369.83, 3849407.25	0.91715	40.5135	33.5773	0.0025875	0.1142971	0.0947287	6.55E-03	2.89E-01	2.40E-01	2.35E-03	1.04E-01	8.60E-02
3412	475394.83, 3849132.25	4.60433	129.403	123.034	0.0129898	0.3650741	0.3471034	3.29E-02	9.24E-01	8.79E-01	1.18E-02	3.31E-01	3.15E-01
3413	475394.83, 3849157.25	3.45212	118.98	108.267	0.0097391	0.3356671	0.305445	2.47E-02	8.50E-01	7.73E-01	8.84E-03	3.05E-01	2.77E-01
3414	475394.83, 3849182.25	2.80307	109.044	93.1368	0.007908	0.3076346	0.2627583	2.00E-02	7.79E-01	6.65E-01	7.18E-03	2.79E-01	2.38E-01
3415	475394.83, 3849207.25	2.51658	102.726	85.5737	0.0070998	0.2898111	0.2414211	1.80E-02	7.34E-01	6.11E-01	6.44E-03	2.63E-01	2.19E-01
3416	475394.83, 3849232.25	2.2162	92.9058	75.6462	0.0062524	0.2621066	0.2134136	1.58E-02	6.64E-01	5.40E-01	5.67E-03	2.38E-01	1.94E-01
3417	475394.83, 3849257.25	1.94687	81.9617	67.9201	0.0054925	0.231231	0.1916167	1.39E-02	5.86E-01	4.85E-01	4.98E-03	2.10E-01	1.74E-01
3418	475394.83, 3849282.25	1.68628	70.4347	60.0567	0.0047573	0.1987109	0.1694324	1.20E-02	5.03E-01	4.29E-01	4.32E-03	1.80E-01	1.54E-01
3419	475394.83, 3849307.25	1.38386	58.4551	50.1544	0.0039042	0.1649141	0.1414959	9.89E-03	4.18E-01	3.58E-01	3.54E-03	1.50E-01	1.28E-01
3420	475394.83, 3849332.25	1.20552	51.8528	43.8655	0.003401	0.1462875	0.1237537	8.61E-03	3.70E-01	3.13E-01	3.09E-03	1.33E-01	1.12E-01
3421	475394.83, 3849357.25	1.09309	47.7852	40.1506	0.0030838	0.1348121	0.1132731	7.81E-03	3.41E-01	2.87E-01	2.80E-03	1.22E-01	1.03E-01
3422	475394.83, 3849382.25	1.00988	45.0088	37.744	0.0028491	0.1269793	0.1064836	7.21E-03	3.22E-01	2.70E-01	2.59E-03	1.15E-01	9.66E-02
3423	475394.83, 3849407.25	0.93827	42.4217	35.3058	0.0026471	0.1196805	0.0996051	6.70E-03	3.03E-01	2.52E-01	2.40E-03	1.09E-01	9.04E-02
3424	475419.83, 3849132.25	5.39893	133.712	127.843	0.0152315	0.3772286	0.3606719	3.86E-02	9.55E-01	9.13E-01	1.38E-02	3.42E-01	3.27E-01
3425	475419.83, 3849157.25	3.89615	124.167	113.379	0.0109918	0.3503022	0.319867	2.78E-02	8.87E-01	8.10E-01	9.97E-03	3.18E-01	2.90E-01
3426	475419.83, 3849182.25	3.10001	115.032	102.279	0.0087458	0.3245284	0.2885494	2.21E-02	8.22E-01	7.31E-01	7.94E-03	2.94E-01	2.62E-01
3427	475419.83, 3849207.25	2.7389	109.154	92.4519	0.007727	0.3079464	0.2608259	1.96E-02	7.80E-01	6.60E-01	7.01E-03	2.79E-01	2.37E-01
3428	475419.83, 3849232.25	2.27354	99.6288	82.5377	0.0064141	0.2810734	0.232856	1.62E-02	7.12E-01	5.90E-01	5.82E-03	2.55E-01	2.11E-01
3429	475419.83, 3849257.25	1.98643	88.6563	71.87	0.0056041	0.2501178	0.2027603	1.42E-02	6.33E-01	5.13E-01	5.08E-03	2.27E-01	1.84E-01
3430	475419.83, 3849282.25	1.77359	77.1009	63.2098	0.0050037	0.2175177	0.1783279	1.27E-02	5.51E-01	4.52E-01	4.54E-03	1.97E-01	1.62E-01
3431	475419.83, 3849307.25	1.45678	63.6231	53.1846	0.0041099	0.179494	0.1500448	1.04E-02	4.55E-01	3.80E-01	3.73E-03	1.63E-01	1.36E-01
3432	475419.83, 3849332.25	1.2584	54.8311	46.867	0.0035502	0.1546901	0.1322216	8.99E-03	3.92E-01	3.35E-01	3.22E-03	1.40E-01	1.20E-01
3433	475419.83, 3849357.25	1.13004	50.1137	42.221	0.0031881	0.1413811	0.1191142	8.07E-03	3.58E-01	3.02E-01	2.89E-03	1.28E-01	1.08E-01
3434	475419.83, 3849382.25	1.03583	46.7744	39.3194	0.0029223	0.1319604	0.1109282	7.40E-03	3.34E-01	2.81E-01	2.65E-03	1.20E-01	1.01E-01
3435	475419.83, 3849407.25	0.95951	44.1146	37.0867	0.002707	0.1244564	0.1046292	6.85E-03	3.15E-01	2.65E-01	2.46E-03	1.13E-01	9.49E-02

3436	475444.83, 3849157.25	4.43552	128.339	119.888	0.0125135	0.362071	0.3382298	3.17E-02	9.17E-01	8.56E-01	1.14E-02	3.29E-01	3.07E-01
3437	475444.83, 3849182.25	3.48028	120.552	108.296	0.0098186	0.3401021	0.3055251	2.49E-02	8.61E-01	7.74E-01	8.91E-03	3.09E-01	2.77E-01
3438	475444.83, 3849207.25	2.89175	113.609	100.239	0.0081582	0.3205156	0.2827955	2.07E-02	8.12E-01	7.16E-01	7.40E-03	2.91E-01	2.57E-01
3439	475444.83, 3849232.25	2.34983	104.882	86.612	0.0066294	0.2958953	0.2443504	1.68E-02	7.49E-01	6.19E-01	6.02E-03	2.68E-01	2.22E-01
3440	475444.83, 3849257.25	2.03828	94.1144	78.0392	0.0057504	0.2655162	0.2201648	1.46E-02	6.72E-01	5.57E-01	5.22E-03	2.41E-01	2.00E-01
3441	475444.83, 3849282.25	1.87982	84.7896	68.546	0.0053034	0.239209	0.1933826	1.34E-02	6.06E-01	4.90E-01	4.81E-03	2.17E-01	1.75E-01
3442	475444.83, 3849307.25	1.64046	73.7889	60.4421	0.0046281	0.2081738	0.1705197	1.17E-02	5.27E-01	4.32E-01	4.20E-03	1.89E-01	1.55E-01
3443	475444.83, 3849332.25	1.36412	61.5543	51.278	0.0038485	0.1736574	0.1446659	9.74E-03	4.40E-01	3.66E-01	3.49E-03	1.58E-01	1.31E-01
3444	475444.83, 3849357.25	1.17937	53.0843	45.3244	0.0033272	0.1497618	0.1278696	8.43E-03	3.79E-01	3.24E-01	3.02E-03	1.36E-01	1.16E-01
3445	475444.83, 3849382.25	1.06337	48.5887	41.1088	0.003	0.1370788	0.1159765	7.60E-03	3.47E-01	2.94E-01	2.72E-03	1.24E-01	1.05E-01
3446	475444.83, 3849407.25	0.98351	45.8231	38.3793	0.0027747	0.1292765	0.108276	7.03E-03	3.27E-01	2.74E-01	2.52E-03	1.17E-01	9.82E-02
3447	475444.83, 3849432.25	0.91454	43.3257	36.4096	0.0025801	0.1222308	0.102719	6.53E-03	3.10E-01	2.60E-01	2.34E-03	1.11E-01	9.32E-02
3448	475469.83, 3849157.25	5.13254	132.224	123.42	0.01448	0.3730327	0.3481946	3.67E-02	9.45E-01	8.82E-01	1.31E-02	3.38E-01	3.16E-01
3449	475469.83, 3849182.25	3.76062	123.995	113.855	0.0106095	0.3498145	0.3212084	2.69E-02	8.86E-01	8.13E-01	9.63E-03	3.17E-01	2.91E-01
3450	475469.83, 3849207.25	2.90682	115.879	102.855	0.0082007	0.3269199	0.290175	2.08E-02	8.28E-01	7.35E-01	7.44E-03	2.97E-01	2.63E-01
3451	475469.83, 3849232.25	2.245	108.692	91.7666	0.0063336	0.3066433	0.2588927	1.60E-02	7.76E-01	6.56E-01	5.75E-03	2.78E-01	2.35E-01
3452	475469.83, 3849257.25	1.87767	101.301	81.7776	0.0052973	0.2857904	0.2307116	1.34E-02	7.24E-01	5.84E-01	4.81E-03	2.59E-01	2.09E-01
3453	475469.83, 3849282.25	1.66526	90.5913	73.5098	0.004698	0.2555769	0.2073863	1.19E-02	6.47E-01	5.25E-01	4.26E-03	2.32E-01	1.88E-01
3454	475469.83, 3849307.25	1.6945	81.2784	65.844	0.0047805	0.2293032	0.1857597	1.21E-02	5.81E-01	4.70E-01	4.34E-03	2.08E-01	1.69E-01
3455	475469.83, 3849332.25	1.49471	69.4972	56.6944	0.0042169	0.1960661	0.1599466	1.07E-02	4.96E-01	4.05E-01	3.83E-03	1.78E-01	1.45E-01
3456	475469.83, 3849357.25	1.24525	58.1617	48.1788	0.0035131	0.1640862	0.1359224	8.90E-03	4.15E-01	3.44E-01	3.19E-03	1.49E-01	1.23E-01
3457	475469.83, 3849382.25	1.09865	51.0432	43.3737	0.0030995	0.1440034	0.1223662	7.85E-03	3.65E-01	3.10E-01	2.81E-03	1.31E-01	1.11E-01
3458	475469.83, 3849407.25	1.00662	47.3524	40.1375	0.0028399	0.1335909	0.1132362	7.19E-03	3.38E-01	2.87E-01	2.58E-03	1.21E-01	1.03E-01
3459	475469.83, 3849432.25	0.93355	44.8278	37.3638	0.0026337	0.1264684	0.105411	6.67E-03	3.20E-01	2.67E-01	2.39E-03	1.15E-01	9.56E-02
3460	475494.83, 3849157.25	5.60649	134.096	126.255	0.0158171	0.3783128	0.3561907	4.01E-02	9.58E-01	9.02E-01	1.44E-02	3.43E-01	3.23E-01
3461	475494.83, 3849182.25	3.35348	127.066	113.785	0.0094609	0.3584789	0.3210124	2.40E-02	9.08E-01	8.13E-01	8.58E-03	3.25E-01	2.91E-01
3462	475494.83, 3849207.25	2.31092	122.506	104.205	0.0065196	0.3456142	0.2939854	1.65E-02	8.75E-01	7.44E-01	5.92E-03	3.14E-01	2.67E-01
3463	475494.83, 3849232.25	1.76281	114.921	94.1341	0.0049733	0.3242171	0.2655719	1.26E-02	8.21E-01	6.72E-01	4.51E-03	2.94E-01	2.41E-01
3464	475494.83, 3849257.25	1.5163	108.545	85.2064	0.0042778	0.306228	0.240385	1.08E-02	7.75E-01	6.09E-01	3.88E-03	2.78E-01	2.18E-01
3465	475494.83, 3849282.25	1.50283	104.809	81.5024	0.0042398	0.295687	0.2299353	1.07E-02	7.49E-01	5.82E-01	3.85E-03	2.68E-01	2.09E-01
3466	475494.83, 3849307.25	1.67382	84.8018	70.3255	0.0047222	0.2392435	0.1984027	1.20E-02	6.06E-01	5.02E-01	4.28E-03	2.17E-01	1.80E-01
3467	475494.83, 3849332.25	1.59776	76.5818	61.9387	0.0045076	0.2160532	0.174742	1.14E-02	5.47E-01	4.42E-01	4.09E-03	1.96E-01	1.59E-01
3468	475494.83, 3849357.25	1.34655	64.7948	52.5265	0.0037989	0.1827996	0.148188	9.62E-03	4.63E-01	3.75E-01	3.45E-03	1.66E-01	1.34E-01
3469	475494.83, 3849382.25	1.15613	55.7496	46.0045	0.0032617	0.1572811	0.1297884	8.26E-03	3.98E-01	3.29E-01	2.96E-03	1.43E-01	1.18E-01
3470	475494.83, 3849407.25	1.02995	49.3588	41.7748	0.0029057	0.1392516	0.1178554	7.36E-03	3.53E-01	2.98E-01	2.64E-03	1.26E-01	1.07E-01
3471	475494.83, 3849432.25	0.94937	45.9317	38.8947	0.0026784	0.1295828	0.10973	6.78E-03	3.28E-01	2.78E-01	2.43E-03	1.18E-01	9.96E-02
3472	475519.83, 3849157.25	5.34636	134.086	127.004	0.0150832	0.3782842	0.3583054	3.82E-02	9.58E-01	9.07E-01	1.37E-02	3.43E-01	3.25E-01
3473	475519.83, 3849182.25	2.93836	126.551	111.767	0.0082897	0.3570266	0.315318	2.10E-02	9.04E-01	7.98E-01	7.52E-03	3.24E-01	2.86E-01
3474	475519.83, 3849207.25	1.87034	115.377	90.7203	0.0052766	0.3255013	0.2559407	1.34E-02	8.24E-01	6.48E-01	4.79E-03	2.95E-01	2.32E-01
3475	475519.83, 3849232.25	1.46928	108.526	80.7236	0.0041451	0.3061732	0.227738	1.05E-02	7.75E-01	5.77E-01	3.76E-03	2.78E-01	2.07E-01
3476	475519.83, 3849257.25	1.35367	106.476	81.9978	0.003819	0.3003902	0.2313329	9.67E-03	7.61E-01	5.86E-01	3.47E-03	2.73E-01	2.10E-01
3477	475519.83, 3849282.25	1.49843	107.356	83.6633	0.0042274	0.3028728	0.2360315	1.07E-02	7.67E-01	5.98E-01	3.84E-03	2.75E-01	2.14E-01
3478	475519.83, 3849307.25	1.61969	89.9182	73.1976	0.0045695	0.2536778	0.2065055	1.16E-02	6.42E-01	5.23E-01	4.15E-03	2.30E-01	1.87E-01
3479	475519.83, 3849332.25	1.65934	81.473	67.2722	0.0046813	0.2298523	0.1897889	1.19E-02	5.82E-01	4.81E-01	4.25E-03	2.09E-01	1.72E-01
3480	475519.83, 3849357.25	1.40437	69.0621	56.0904	0.003962	0.1948385	0.1582426	1.00E-02	4.93E-01	4.01E-01	3.59E-03	1.77E-01	1.44E-01
3481	475519.83, 3849382.25	1.19136	59.3529	47.976	0.0033611	0.1674468	0.1353503	8.51E-03	4.24E-01	3.43E-01	3.05E-03	1.52E-01	1.23E-01
3482	475519.83, 3849407.25	1.05863	52.7111	43.3657	0.0029866	0.148709	0.1223436	7.56E-03	3.77E-01	3.10E-01	2.71E-03	1.35E-01	1.11E-01
3483	475519.83, 3849432.25	0.97681	48.2457	40.6764	0.0027558	0.1361111	0.1147566	6.98E-03	3.45E-01	2.91E-01	2.50E-03	1.23E-01	1.04E-01
3484	475544.83, 3849182.25	3.05748	125.179	109.145	0.0086258	0.3531561	0.3079215	2.18E-02	8.94E-01	7.80E-01	7.83E-03	3.20E-01	2.79E-01
3485	475544.83, 3849207.25	1.98526	114.723	91.4781	0.0056008	0.3236585	0.2580787	1.42E-02	8.20E-01	6.53E-01	5.08E-03	2.94E-01	2.34E-01
3486	475544.83, 3849232.25	1.56866	110.646	81.6802	0.0044255	0.3121567	0.2304369	1.12E-02	7.90E-01	5.84E-01	4.02E-03	2.83E-01	2.09E-01
3487	475544.83, 3849257.25	1.4046	108.934	82.7572	0.0039627	0.3073249	0.2334754	1.00E-02	7.78E-01	5.91E-01	3.60E-03	2.79E-01	2.12E-01
3488	475544.83, 3849282.25	1.4953	109.113	86.8849	0.0042186	0.3078295	0.2451203	1.07E-02	7.79E-01	6.21E-01	3.83E-03	2.79E-01	2.22E-01
3489	475544.83, 3849307.25	1.74426	94.0738	76.2326	0.0049209	0.2654019	0.2150681	1.25E-02	6.72E-01	5.45E-01	4.46E-03	2.41E-01	1.95E-01
3490	475544.83, 3849332.25	1.70543	84.2179	68.5979	0.0048114	0.2375962	0.1935289	1.22E-02	6.02E-01	4.90E-01	4.37E-03	2.16E-01	1.76E-01
3491	475544.83, 3849357.25	1.40085	69.9358	57.6416	0.0039521	0.1973035	0.1626189	1.00E-02	5.00E-01	4.12E-01	3.59E-03	1.79E-01	1.48E-01
3492	475544.83, 3849382.25	1.19942	61.0397	49.449	0.0033838	0.1722058	0.139506	8.57E-03	4.36E-01	3.53E-01	3.07E-03	1.56E-01	1.27E-01
3493	475544.83, 3849407.25	1.08451	55.7255	44.9833	0.0030596	0.1572131	0.1269073	7.75E-03	3.98E-01	3.21E-01	2.78E-03	1.43E-01	1.15E-01
3494	475544.83, 3849432.25	0.99954	51.3056	42.1411	0.0028199	0.1447437	0.1188889	7.14E-03	3.67E-01	3.01E-01	2.56E-03	1.31E-01	1.08E-01
3495	475569.83, 3849182.25	4.10547	129.594	119.033	0.0115824	0.3656125	0.335817	2.93E-02	9.26E-01	8.50E-01	1.05E-02	3.32E-01	3.05E-01
3496	475569.83, 3849207.25	2.5282	122.544	105.226	0.0071326	0.345722	0.2968657	1.81E-02	8.75E-01	7.52E-01	6.47E-03	3.14E-01	2.69E-01
3497	475569.83, 3849232.25	1.90966	117.387	91.853	0.0053875	0.3311732	0.2591363	1.36E-02	8.39E-01	6.56E-01	4.89E-03	3.00E-01	2.35E-01
3498	475569.83, 3849257.25	1.72991	116.375	92.8507	0.0048804	0.3283184	0.2619511	1.24E-02	8.31E-01	6.63E-01	4.43E-03	2.98E-01	2.38E-01
3499	475569.83, 3849282.25	1.80995	109.718	89.2843	0.0051062	0.3095376	0.2518895	1.29E-02	7.84E-01	6.38E-01	4.63E-03	2.81E-01	2.29E-01
3500	475569.83, 3849307.25	1.92745	97.9565	80.1133	0.0054377	0.2763557	0.2260162	1.38E-02	7.00E-01	5.72E-01	4.93E-03	2.51E-01	2.05E-01
3501	475569.83, 3849332.25	1.73586	86.2239	69.8779	0.0048972	0.2432556	0.1971402	1.24E-02	6.16E-01	4.99E-01	4.44E-03	2.21E-01	1.79E-01
3502	475569.83, 3849357.25	1.4282	72.2759	59.166	0.0040292	0.2039053	0.1669195	1.02E-02	5.16E-01	4.23E-01	3.66E-03	1.85E-01	1.51E-01
3503	475569.83, 3849382.25	1.23228	63.5172	52.3781	0.0034765	0.1791952	0.1477696	8.80E-03	4.54E-01	3.74E-01	3.15E-03	1.63E-01	1.34E-01
3504	475569.83, 3849407.25	1.11103	58.2268	47.091	0.0031344	0.1642699	0.1328535	7.94E-03	4.16E-01	3.36E-01	2.84E-03	1.49E-01	1.21E-01
3505	475569.83, 3849432.25	1.01934	53.9344	43.4937	0.0028758	0.1521601	0.1227047	7.28E-03	3.85E-01	3.11E-01	2.61E-03	1.38E-01	1.11E-01
3506	475594.83, 3849182.25	6.00649	133.413	126.639	0.0169456	0.3763857	0.3572742	4.29E-02	9.53E-01	9.05E-01	1.54E-02	3.42E-01	3.24E-01
3507	475594.83, 3849207.25	3.66321	125.741	115.006	0.0103347	0.354742	0.3244564	2.62E-02	8.98E-01	8.22E-01	9.38E-03	3.22E-01	2.94E-01
3508	475594.83, 3849232.25	2.75412	120.96	106.653	0.0077699	0.3412529	0.3008905	1.97E-02	8.64E-01	7.62E-01	7.05E-03	3.10E-01	2.73E-01
3509	475594.83, 3849257.25	2.43166	113.937	99.8922	0.0068602	0.32144	0.2818167	1.74E-02	8.14E-01	7.14E-01	6.22E-03	2.92E-01	2.56E-01
3510	475594.83, 3849282.25	2.25436	106.713	89.6951	0.00636	0.3010599	0.2530486	1.61E-02	7.62E-01	6.41E-01	5.77E-03	2.73E-01	2.30E-01
3511	475594.83, 3849307.25	2.07076	100.388	81.1138	0.005842	0.2832149	0.2288388	1.48E-02	7.17E-01	5.79E-01	5.30E-03	2.57E-01	2.08E-01
3512	475594.83, 3849332.25	1.74285	85.9432	70.258	0.0049169	0.2424637	0.1982124	1.25E-02	6.14E-01	5.02E-01	4.46E-03	2.20E-01	1.80E-01
3513	475594.83, 3849357.25	1.44336	74.0966	60.2374	0.004072	0.2090418	0.1699422	1.03E-02	5.29E-01	4.30E-01	3.69E-03	1.90E-01	1.54E-01
3514	475594.83, 3849382.25	1.25459	65.5771	53.7052	0.0035395	0.1850067	0.1515135	8.96E-03	4.68E-01	3.84E-01	3.21E-03	1.68E-01	1.37E-01
3515	475594.83, 3849407.25	1.13565	60.2773	49.6815	0.0032039	0.1700549	0.1401618	8.11E-03	4.31E-01	3.55E-01	2.91E-03	1.54E-01	1.27E-01

3516	475594.83, 3849432.25	1.04286	56.251	45.4221	0.0029421	0.1586956	0.1281453	7.45E-03	4.02E-01	3.24E-01	2.67E-03	1.44E-01	1.16E-01
3517	475594.83, 3849457.25	0.96037	52.322	42.1385	0.0027094	0.1476112	0.1188814	6.86E-03	3.74E-01	3.01E-01	2.46E-03	1.34E-01	1.08E-01
3518	475619.83, 3849182.25	6.97162	134.964	128.196	0.0196684	0.3807602	0.3616662	4.98E-02	9.64E-01	9.16E-01	1.78E-02	3.45E-01	3.28E-01
3519	475619.83, 3849207.25	4.80937	127.65	119.785	0.0135682	0.3601262	0.3379384	3.44E-02	9.12E-01	8.56E-01	1.23E-02	3.27E-01	3.07E-01
3520	475619.83, 3849232.25	3.64982	121.735	109.911	0.0102969	0.3434403	0.3100804	2.61E-02	8.70E-01	7.85E-01	9.34E-03	3.12E-01	2.81E-01
3521	475619.83, 3849257.25	2.97689	114.601	102.064	0.0083984	0.3233126	0.2879427	2.13E-02	8.19E-01	7.29E-01	7.62E-03	2.93E-01	2.61E-01
3522	475619.83, 3849282.25	2.49209	107.78	92.9755	0.0070307	0.3040684	0.2623033	1.78E-02	7.70E-01	6.64E-01	6.38E-03	2.76E-01	2.38E-01
3523	475619.83, 3849307.25	2.11407	98.6689	79.8286	0.0059642	0.2783655	0.2252131	1.51E-02	7.05E-01	5.70E-01	5.41E-03	2.53E-01	2.04E-01
3524	475619.83, 3849332.25	1.74289	85.779	69.4954	0.0049171	0.2420003	0.1960608	1.25E-02	6.13E-01	4.96E-01	4.46E-03	2.20E-01	1.78E-01
3525	475619.83, 3849357.25	1.46207	74.806	61.249	0.0041248	0.2110432	0.1727961	1.04E-02	5.34E-01	4.38E-01	3.74E-03	1.91E-01	1.57E-01
3526	475619.83, 3849382.25	1.28088	67.9552	55.0796	0.0036136	0.1917158	0.1553911	9.15E-03	4.85E-01	3.93E-01	3.28E-03	1.74E-01	1.41E-01
3527	475619.83, 3849407.25	1.16136	62.5	51.2044	0.0032764	0.1763254	0.1444581	8.30E-03	4.46E-01	3.66E-01	2.97E-03	1.60E-01	1.31E-01
3528	475619.83, 3849432.25	1.06518	58.1627	47.8934	0.0030051	0.1640891	0.1351172	7.61E-03	4.16E-01	3.42E-01	2.73E-03	1.49E-01	1.23E-01
3529	475619.83, 3849457.25	0.98105	54.4449	43.8651	0.0027677	0.1536003	0.1237527	7.01E-03	3.89E-01	3.13E-01	2.51E-03	1.39E-01	1.12E-01
3530	475644.83, 3849182.25	7.41545	132.975	125.531	0.0209205	0.3751502	0.3541501	5.30E-02	9.50E-01	8.97E-01	1.90E-02	3.40E-01	3.21E-01
3531	475644.83, 3849207.25	4.99377	124.455	115.599	0.0140885	0.3511146	0.3261298	3.57E-02	8.89E-01	8.26E-01	1.28E-02	3.19E-01	2.96E-01
3532	475644.83, 3849232.25	3.75181	117.241	105.551	0.0105846	0.3307625	0.2977801	2.68E-02	8.38E-01	7.54E-01	9.60E-03	3.00E-01	2.70E-01
3533	475644.83, 3849257.25	2.97539	111.026	95.3268	0.0083942	0.313227	0.2689367	2.13E-02	7.93E-01	6.81E-01	7.62E-03	2.84E-01	2.44E-01
3534	475644.83, 3849282.25	2.42399	103.164	84.1635	0.0068386	0.2910468	0.2374429	1.73E-02	7.37E-01	6.01E-01	6.20E-03	2.64E-01	2.15E-01
3535	475644.83, 3849307.25	2.04342	93.9438	78.6724	0.0057649	0.265035	0.2219512	1.46E-02	6.71E-01	5.62E-01	5.23E-03	2.40E-01	2.01E-01
3536	475644.83, 3849332.25	1.72203	83.8737	67.8378	0.0048582	0.236625	0.1913845	1.23E-02	5.99E-01	4.85E-01	4.41E-03	2.15E-01	1.74E-01
3537	475644.83, 3849357.25	1.48249	75.8896	61.282	0.0041824	0.2141004	0.1728893	1.06E-02	5.42E-01	4.38E-01	3.79E-03	1.94E-01	1.57E-01
3538	475644.83, 3849382.25	1.31211	69.4139	56.7787	0.0037017	0.195831	0.1601846	9.37E-03	4.96E-01	4.06E-01	3.36E-03	1.78E-01	1.45E-01
3539	475644.83, 3849407.25	1.18852	64.9591	52.5053	0.0033531	0.1832631	0.1481285	8.49E-03	4.64E-01	3.75E-01	3.04E-03	1.66E-01	1.34E-01
3540	475644.83, 3849432.25	1.08683	60.1728	49.322	0.0030662	0.16976	0.1391477	7.76E-03	4.30E-01	3.52E-01	2.78E-03	1.54E-01	1.26E-01
3541	475644.83, 3849457.25	1.00063	56.1916	46.226	0.002823	0.1585282	0.1304132	7.15E-03	4.01E-01	3.30E-01	2.56E-03	1.44E-01	1.18E-01
3542	475669.83, 3849182.25	8.0174	132.13	125.485	0.0226188	0.3727671	0.3540191	5.73E-02	9.44E-01	8.96E-01	2.05E-02	3.38E-01	3.21E-01
3543	475669.83, 3849207.25	5.0571	122.348	113.098	0.0142671	0.3451696	0.3190737	3.61E-02	8.74E-01	8.08E-01	1.29E-02	3.13E-01	2.90E-01
3544	475669.83, 3849232.25	3.69917	113.1	102.64	0.0104361	0.3190786	0.2895674	2.64E-02	8.08E-01	7.33E-01	9.47E-03	2.90E-01	2.63E-01
3545	475669.83, 3849257.25	2.92146	107.85	90.9657	0.008242	0.3042673	0.256633	2.09E-02	7.70E-01	6.50E-01	7.48E-03	2.76E-01	2.33E-01
3546	475669.83, 3849282.25	2.4084	100.312	81.7029	0.0067946	0.2830014	0.2305008	1.72E-02	7.17E-01	5.84E-01	6.16E-03	2.57E-01	2.09E-01
3547	475669.83, 3849307.25	2.02323	91.3841	73.8401	0.005708	0.2578137	0.2083181	1.45E-02	6.53E-01	5.27E-01	5.18E-03	2.34E-01	1.89E-01
3548	475669.83, 3849332.25	1.73958	83.506	69.6747	0.0049077	0.2355877	0.1965667	1.24E-02	5.97E-01	4.98E-01	4.45E-03	2.14E-01	1.78E-01
3549	475669.83, 3849357.25	1.51442	76.6932	62.0809	0.0042725	0.2163675	0.1751433	1.08E-02	5.48E-01	4.43E-01	3.88E-03	1.96E-01	1.59E-01
3550	475669.83, 3849382.25	1.34389	71.0762	57.5807	0.0037914	0.2005207	0.162447	9.60E-03	5.08E-01	4.11E-01	3.44E-03	1.82E-01	1.47E-01
3551	475669.83, 3849407.25	1.21617	66.3203	54.2362	0.0034311	0.1871034	0.1530116	8.69E-03	4.74E-01	3.87E-01	3.11E-03	1.70E-01	1.39E-01
3552	475669.83, 3849432.25	1.10894	62.39	50.3208	0.0031286	0.1760151	0.1419653	7.92E-03	4.46E-01	3.59E-01	2.84E-03	1.60E-01	1.29E-01
3553	475669.83, 3849457.25	1.01835	57.9872	47.5534	0.002873	0.163594	0.134158	7.27E-03	4.14E-01	3.40E-01	2.61E-03	1.48E-01	1.22E-01
3554	475694.83, 3849207.25	5.46378	123.558	112.582	0.0154145	0.3485827	0.3176161	3.90E-02	8.83E-01	8.04E-01	1.40E-02	3.16E-01	2.88E-01
3555	475694.83, 3849232.25	3.93239	114.392	103.686	0.0110941	0.3227244	0.292521	2.81E-02	8.17E-01	7.41E-01	1.01E-02	2.93E-01	2.65E-01
3556	475694.83, 3849257.25	3.04948	106.829	90.9992	0.0086032	0.3013873	0.2567275	2.18E-02	7.63E-01	6.50E-01	7.81E-03	2.73E-01	2.33E-01
3557	475694.83, 3849282.25	2.48431	101.197	81.4364	0.0070088	0.2854966	0.229749	1.77E-02	7.23E-01	5.82E-01	6.36E-03	2.59E-01	2.08E-01
3558	475694.83, 3849307.25	2.07813	91.4548	74.3097	0.0058628	0.2580129	0.2096432	1.48E-02	6.53E-01	5.31E-01	5.32E-03	2.34E-01	1.90E-01
3559	475694.83, 3849332.25	1.77705	84.1421	68.9857	0.0050134	0.2373825	0.1946229	1.27E-02	6.01E-01	4.93E-01	4.55E-03	2.15E-01	1.77E-01
3560	475694.83, 3849357.25	1.55357	77.3815	63.2666	0.0043829	0.2183092	0.1784883	1.11E-02	5.53E-01	4.52E-01	3.98E-03	1.98E-01	1.62E-01
3561	475694.83, 3849382.25	1.38101	72.3898	58.311	0.0038961	0.2042266	0.1645074	9.87E-03	5.17E-01	4.17E-01	3.54E-03	1.85E-01	1.49E-01
3562	475694.83, 3849407.25	1.24349	67.7659	55.0544	0.0035081	0.1911818	0.15532	8.88E-03	4.84E-01	3.93E-01	3.18E-03	1.73E-01	1.41E-01
3563	475694.83, 3849432.25	1.13279	63.6477	51.9922	0.0031958	0.1795633	0.1466809	8.09E-03	4.55E-01	3.71E-01	2.90E-03	1.63E-01	1.33E-01
3564	475694.83, 3849457.25	1.03927	60.1469	48.5519	0.002932	0.169687	0.136975	7.42E-03	4.30E-01	3.47E-01	2.66E-03	1.54E-01	1.24E-01
3565	475719.83, 3849207.25	5.89461	124.185	114.994	0.0166299	0.3503528	0.3244227	4.21E-02	8.87E-01	8.21E-01	1.51E-02	3.18E-01	2.94E-01
3566	475719.83, 3849232.25	4.1696	115.357	104.917	0.0117633	0.3254468	0.2959916	2.98E-02	8.24E-01	7.49E-01	1.07E-02	2.95E-01	2.69E-01
3567	475719.83, 3849257.25	3.20847	107.017	92.7609	0.0090518	0.3019165	0.2616977	2.29E-02	7.65E-01	6.63E-01	8.21E-03	2.74E-01	2.37E-01
3568	475719.83, 3849282.25	2.60191	101.473	83.175	0.0073405	0.2862762	0.234654	1.86E-02	7.25E-01	5.94E-01	6.66E-03	2.60E-01	2.13E-01
3569	475719.83, 3849307.25	2.16118	93.2119	75.5216	0.0060971	0.2629701	0.2130621	1.54E-02	6.66E-01	5.40E-01	5.53E-03	2.39E-01	1.93E-01
3570	475719.83, 3849332.25	1.83935	84.9363	68.4602	0.0051892	0.2396228	0.1931404	1.31E-02	6.07E-01	4.89E-01	4.71E-03	2.17E-01	1.75E-01
3571	475719.83, 3849357.25	1.60008	78.9092	65.1548	0.0045142	0.2226194	0.1838152	1.14E-02	5.64E-01	4.65E-01	4.10E-03	2.02E-01	1.67E-01
3572	475719.83, 3849382.25	1.41791	73.3368	59.1156	0.0040002	0.2068983	0.1667773	1.01E-02	5.24E-01	4.22E-01	3.63E-03	1.88E-01	1.51E-01
3573	475719.83, 3849407.25	1.27497	69.1244	55.6219	0.003597	0.1950142	0.1569208	9.11E-03	4.94E-01	3.97E-01	3.26E-03	1.77E-01	1.42E-01
3574	475719.83, 3849432.25	1.15916	64.9841	52.6483	0.0032702	0.1833336	0.1485319	8.28E-03	4.64E-01	3.76E-01	2.97E-03	1.66E-01	1.35E-01
3575	475719.83, 3849457.25	1.0607	61.4111	49.9763	0.0029925	0.1732535	0.1409937	7.58E-03	4.39E-01	3.57E-01	2.72E-03	1.57E-01	1.28E-01
3576	475744.83, 3849207.25	6.40816	124.688	115.677	0.0180788	0.351772	0.3263488	4.58E-02	8.91E-01	8.26E-01	1.64E-02	3.19E-01	2.96E-01
3577	475744.83, 3849232.25	4.43185	116.421	104.172	0.0125032	0.328447	0.2938898	3.17E-02	8.32E-01	7.44E-01	1.13E-02	2.98E-01	2.67E-01
3578	475744.83, 3849257.25	3.37148	108.155	94.412	0.0095116	0.305127	0.2663558	2.41E-02	7.73E-01	6.74E-01	8.63E-03	2.77E-01	2.42E-01
3579	475744.83, 3849282.25	2.70923	99.8944	82.7978	0.0076433	0.281823	0.2335899	1.94E-02	7.14E-01	5.91E-01	6.94E-03	2.56E-01	2.12E-01
3580	475744.83, 3849307.25	2.23304	93.5163	74.9108	0.0062999	0.263829	0.2113389	1.60E-02	6.68E-01	5.35E-01	5.72E-03	2.39E-01	1.92E-01
3581	475744.83, 3849332.25	1.88541	85.3174	68.8102	0.0053191	0.2406981	0.194128	1.35E-02	6.09E-01	4.92E-01	4.83E-03	2.18E-01	1.76E-01
3582	475744.83, 3849357.25	1.63284	78.9652	62.6818	0.0046066	0.2227772	0.1768384	1.17E-02	5.64E-01	4.48E-01	4.18E-03	2.02E-01	1.60E-01
3583	475744.83, 3849382.25	1.44337	73.9161	61.2609	0.004072	0.2085326	0.1728297	1.03E-02	5.28E-01	4.38E-01	3.69E-03	1.89E-01	1.57E-01
3584	475744.83, 3849407.25	1.29603	69.5283	55.7487	0.0036564	0.1961537	0.1572785	9.26E-03	4.97E-01	3.98E-01	3.32E-03	1.78E-01	1.43E-01
3585	475744.83, 3849432.25	1.17592	65.892	53.0402	0.0033175	0.185895	0.1496374	8.40E-03	4.71E-01	3.79E-01	3.01E-03	1.69E-01	1.36E-01
3586	475744.83, 3849457.25	1.07449	61.996	50.1908	0.0030314	0.1749037	0.1415986	7.68E-03	4.43E-01	3.59E-01	2.75E-03	1.59E-01	1.28E-01
3587	475769.83, 3849207.25	6.93526	124.536	117.008	0.0195658	0.3513409	0.3301048	4.95E-02	8.90E-01	8.36E-01	1.78E-02	3.19E-01	3.00E-01
3588	475769.83, 3849232.25	4.72249	117.373	105.887	0.0133231	0.3311327	0.298728	3.37E-02	8.38E-01	7.56E-01	1.21E-02	3.00E-01	2.71E-01
3589	475769.83, 3849257.25	3.56301	109.321	96.4359	0.010052	0.3084168	0.2720657	2.55E-02	7.81E-01	6.89E-01	9.12E-03	2.80E-01	2.47E-01
3590	475769.83, 3849282.25	2.84193	101.154	84.639	0.0080177	0.2853758	0.2387843	2.03E-02	7.23E-01	6.05E-01	7.27E-03	2.59E-01	2.17E-01
3591	475769.83, 3849307.25	2.31984	92.8102	76.062	0.0065448	0.261837	0.2145868	1.66E-02	6.63E-01	5.43E-01	5.94E-03	2.38E-01	1.95E-01
3592	475769.83, 3849332.25	1.95231	86.7159	69.3268	0.0055079	0.2446435	0.1955854	1.39E-02	6.19E-01	4.95E-01	5.00E-03	2.22E-01	1.77E-01
3593	475769.83, 3849357.25	1.67899	79.4482	64.1542	0.0047368	0.2241398	0.1809922	1.20E-02	5.68E-01	4.58E-01	4.30E-03	2.03E-01	1.64E-01
3594	475769.83, 3849382.25	1.47579	74.3247	59.7607	0.0041635	0.2096856	0.1685974	1.05E-02	5.31E-01	4.27E-01	3.78E-03	1.90E-01	1.53E-01
3595	475769.83, 3849407.25	1.32211	70.0603	58.2025	0.0037299	0.1976547	0.1642014	9.44E-03	5.00E-01	4.16E-01	3.38E-03	1.79E-01	1.49E-01

3596	475769.83, 3849432.25	1.19584	66.3977	53.3034	0.0033737	0.1873218	0.1503799	8.54E-03	4.74E-01	3.81E-01	3.06E-03	1.70E-01	1.36E-01
3597	475769.83, 3849457.25	1.09094	63.1124	50.7674	0.0030778	0.1780532	0.1432253	7.79E-03	4.51E-01	3.63E-01	2.79E-03	1.62E-01	1.30E-01
3598	475769.83, 3849482.25	0.99898	59.3799	48.1857	0.0028183	0.1675231	0.1359419	7.14E-03	4.24E-01	3.44E-01	2.56E-03	1.52E-01	1.23E-01
3599	475794.83, 3849207.25	7.50679	124.474	117.368	0.0211782	0.3511668	0.3311188	5.36E-02	8.89E-01	8.38E-01	1.92E-02	3.19E-01	3.00E-01
3600	475794.83, 3849232.25	5.02013	117.446	107.441	0.0141628	0.3313389	0.3031126	3.59E-02	8.39E-01	7.68E-01	1.29E-02	3.01E-01	2.75E-01
3601	475794.83, 3849257.25	3.73687	110.007	95.343	0.0105425	0.3103526	0.2689824	2.67E-02	7.86E-01	6.81E-01	9.57E-03	2.82E-01	2.44E-01
3602	475794.83, 3849282.25	2.94297	101.877	86.1285	0.0083027	0.2874154	0.2429863	2.10E-02	7.28E-01	6.15E-01	7.53E-03	2.61E-01	2.20E-01
3603	475794.83, 3849307.25	2.40479	91.6666	76.5376	0.0067844	0.2586107	0.2159285	1.72E-02	6.55E-01	5.47E-01	6.16E-03	2.35E-01	1.96E-01
3604	475794.83, 3849332.25	2.01466	86.5403	69.7464	0.0056838	0.2441481	0.1967691	1.44E-02	6.18E-01	4.98E-01	5.16E-03	2.22E-01	1.79E-01
3605	475794.83, 3849357.25	1.72926	80.7242	64.961	0.0048786	0.2277398	0.1832686	1.24E-02	5.77E-01	4.64E-01	4.43E-03	2.07E-01	1.66E-01
3606	475794.83, 3849382.25	1.51573	74.7776	60.0223	0.0042762	0.2109631	0.1693353	1.08E-02	5.34E-01	4.29E-01	3.88E-03	1.91E-01	1.54E-01
3607	475794.83, 3849407.25	1.35092	70.7702	57.6852	0.0038112	0.1996574	0.1627418	9.65E-03	5.06E-01	4.12E-01	3.46E-03	1.81E-01	1.48E-01
3608	475794.83, 3849432.25	1.21762	66.6846	54.6525	0.0034352	0.188131	0.1541862	8.70E-03	4.76E-01	3.90E-01	3.12E-03	1.71E-01	1.40E-01
3609	475794.83, 3849457.25	1.10906	63.6573	51.1639	0.0031289	0.1795904	0.144344	7.92E-03	4.55E-01	3.66E-01	2.84E-03	1.63E-01	1.31E-01
3610	475794.83, 3849482.25	1.01397	60.559	48.613	0.0028606	0.1708494	0.1371474	7.24E-03	4.33E-01	3.47E-01	2.60E-03	1.55E-01	1.24E-01
3611	475819.83, 3849207.25	8.19789	125.486	119.288	0.023128	0.3540209	0.3365364	5.86E-02	8.96E-01	8.52E-01	2.10E-02	3.21E-01	3.05E-01
3612	475819.83, 3849232.25	5.36605	117.601	107.525	0.0151387	0.3317773	0.3033513	3.83E-02	8.40E-01	7.68E-01	1.37E-02	3.01E-01	2.75E-01
3613	475819.83, 3849257.25	3.95724	111.121	95.9257	0.0111642	0.3134943	0.2706265	2.83E-02	7.94E-01	6.85E-01	1.01E-02	2.84E-01	2.46E-01
3614	475819.83, 3849282.25	3.09522	103.222	87.9188	0.0087323	0.2912095	0.2480373	2.21E-02	7.37E-01	6.28E-01	7.92E-03	2.64E-01	2.25E-01
3615	475819.83, 3849307.25	2.5075	93.2949	77.3047	0.0070742	0.2632044	0.2180926	1.79E-02	6.66E-01	5.52E-01	6.42E-03	2.39E-01	1.98E-01
3616	475819.83, 3849332.25	2.09789	86.0944	70.5039	0.0059186	0.2428902	0.1989061	1.50E-02	6.15E-01	5.04E-01	5.37E-03	2.20E-01	1.80E-01
3617	475819.83, 3849357.25	1.79227	81.6134	64.6069	0.0050564	0.2302484	0.1822695	1.28E-02	5.83E-01	4.62E-01	4.59E-03	2.09E-01	1.65E-01
3618	475819.83, 3849382.25	1.56235	75.9841	61.1649	0.0044077	0.2143669	0.1725589	1.12E-02	5.43E-01	4.37E-01	4.00E-03	1.95E-01	1.57E-01
3619	475819.83, 3849407.25	1.38695	71.3507	56.5538	0.0039129	0.201295	0.15955	9.91E-03	5.10E-01	4.04E-01	3.55E-03	1.83E-01	1.45E-01
3620	475819.83, 3849432.25	1.24763	67.7747	55.4197	0.0035198	0.1912066	0.1563505	8.91E-03	4.84E-01	3.96E-01	3.19E-03	1.73E-01	1.42E-01
3621	475819.83, 3849457.25	1.13347	64.191	51.647	0.0031978	0.1810961	0.1457069	8.10E-03	4.59E-01	3.69E-01	2.90E-03	1.64E-01	1.32E-01
3622	475819.83, 3849482.25	1.03834	61.513	49.3272	0.0029294	0.1735409	0.1391622	7.42E-03	4.39E-01	3.52E-01	2.66E-03	1.57E-01	1.26E-01
3623	475844.83, 3849207.25	9.09313	127.722	122.548	0.0256536	0.3603309	0.3457326	6.50E-02	9.12E-01	8.75E-01	2.33E-02	3.27E-01	3.14E-01
3624	475844.83, 3849232.25	5.7462	117.66	108.841	0.0162112	0.3319444	0.3070635	4.10E-02	8.41E-01	7.78E-01	1.47E-02	3.01E-01	2.79E-01
3625	475844.83, 3849257.25	4.19566	111.624	99.021	0.0118368	0.3149137	0.2793588	3.00E-02	7.97E-01	7.07E-01	1.07E-02	2.86E-01	2.53E-01
3626	475844.83, 3849282.25	3.2517	104.367	87.3203	0.0091737	0.2944411	0.2463487	2.32E-02	7.46E-01	6.24E-01	8.32E-03	2.67E-01	2.24E-01
3627	475844.83, 3849307.25	2.62545	95.345	79.6338	0.0074069	0.268988	0.2246635	1.88E-02	6.81E-01	5.69E-01	6.72E-03	2.44E-01	2.04E-01
3628	475844.83, 3849332.25	2.18075	85.7281	71.3104	0.0061523	0.2418568	0.2011815	1.56E-02	6.12E-01	5.09E-01	5.58E-03	2.19E-01	1.83E-01
3629	475844.83, 3849357.25	1.85011	81.2179	65.9183	0.0052195	0.2291327	0.1859693	1.32E-02	5.80E-01	4.71E-01	4.74E-03	2.08E-01	1.69E-01
3630	475844.83, 3849382.25	1.60351	76.8727	60.995	0.0045238	0.2168739	0.1720794	1.15E-02	5.49E-01	4.36E-01	4.10E-03	1.97E-01	1.56E-01
3631	475844.83, 3849407.25	1.41692	71.6929	57.5931	0.0039974	0.2022605	0.1624821	1.01E-02	5.12E-01	4.11E-01	3.63E-03	1.84E-01	1.47E-01
3632	475844.83, 3849432.25	1.26926	67.9812	53.3814	0.0035808	0.1917891	0.1505999	9.07E-03	4.86E-01	3.81E-01	3.25E-03	1.74E-01	1.37E-01
3633	475844.83, 3849457.25	1.15055	64.776	53.3081	0.0032459	0.1827467	0.1503931	8.22E-03	4.63E-01	3.81E-01	2.95E-03	1.66E-01	1.36E-01
3634	475844.83, 3849482.25	1.04833	61.6523	48.9297	0.0029576	0.1739339	0.1380408	7.49E-03	4.40E-01	3.50E-01	2.68E-03	1.58E-01	1.25E-01
3635	475869.83, 3849232.25	6.12297	117.61	109.376	0.0172742	0.3318018	0.3085718	4.37E-02	8.40E-01	7.81E-01	1.57E-02	3.01E-01	2.80E-01
3636	475869.83, 3849257.25	4.4062	111.437	99.4512	0.0124308	0.3143872	0.2805726	3.15E-02	7.96E-01	7.10E-01	1.13E-02	2.85E-01	2.55E-01
3637	475869.83, 3849282.25	3.39234	105.337	87.0476	0.0095705	0.2971776	0.2455794	2.42E-02	7.53E-01	6.22E-01	8.68E-03	2.70E-01	2.23E-01
3638	475869.83, 3849307.25	2.72997	96.3887	81.058	0.0077018	0.2719326	0.2286814	1.95E-02	6.89E-01	5.79E-01	6.99E-03	2.47E-01	2.07E-01
3639	475869.83, 3849332.25	2.25797	87.3242	72.1142	0.0063702	0.2463598	0.2034492	1.61E-02	6.24E-01	5.15E-01	5.78E-03	2.24E-01	1.85E-01
3640	475869.83, 3849357.25	1.91076	80.3724	65.3695	0.0053907	0.2267472	0.1844211	1.37E-02	5.74E-01	4.67E-01	4.89E-03	2.06E-01	1.67E-01
3641	475869.83, 3849382.25	1.645	76.8021	61.112	0.0046409	0.2166747	0.1724097	1.18E-02	5.49E-01	4.37E-01	4.21E-03	1.97E-01	1.56E-01
3642	475869.83, 3849407.25	1.44054	72.3508	57.9129	0.0040641	0.2041167	0.1633843	1.03E-02	5.17E-01	4.14E-01	3.69E-03	1.85E-01	1.48E-01
3643	475869.83, 3849432.25	1.29119	68.0071	54.3335	0.0036427	0.1918622	0.1532861	9.22E-03	4.86E-01	3.88E-01	3.31E-03	1.74E-01	1.39E-01
3644	475869.83, 3849457.25	1.16105	64.6755	51.5639	0.0032756	0.1824631	0.1454725	8.29E-03	4.62E-01	3.68E-01	2.97E-03	1.66E-01	1.32E-01
3645	475869.83, 3849482.25	1.05549	61.6478	50.6731	0.0029778	0.1739212	0.1429594	7.54E-03	4.40E-01	3.62E-01	2.70E-03	1.58E-01	1.30E-01
3646	475894.83, 3849232.25	6.5778	118.058	110.612	0.0185573	0.3330656	0.3120587	4.70E-02	8.43E-01	7.90E-01	1.68E-02	3.02E-01	2.83E-01
3647	475894.83, 3849257.25	4.668	111.584	99.6885	0.0131694	0.3148006	0.2812419	3.33E-02	7.97E-01	7.12E-01	1.19E-02	2.86E-01	2.55E-01
3648	475894.83, 3849282.25	3.56492	105.954	88.7424	0.0100574	0.2989182	0.2503607	2.55E-02	7.57E-01	6.34E-01	9.13E-03	2.71E-01	2.27E-01
3649	475894.83, 3849307.25	2.85462	97.7819	80.3462	0.0080535	0.2758632	0.2266733	2.04E-02	6.99E-01	5.74E-01	7.31E-03	2.50E-01	2.06E-01
3650	475894.83, 3849332.25	2.33835	88.7506	73.7404	0.006597	0.2503838	0.2080369	1.67E-02	6.34E-01	5.27E-01	5.99E-03	2.27E-01	1.89E-01
3651	475894.83, 3849357.25	1.96289	80.2801	65.9668	0.0055377	0.2264868	0.1861061	1.40E-02	5.74E-01	4.71E-01	5.02E-03	2.05E-01	1.69E-01
3652	475894.83, 3849382.25	1.68497	75.9408	61.6481	0.0047537	0.2142449	0.1739222	1.20E-02	5.43E-01	4.40E-01	4.31E-03	1.94E-01	1.58E-01
3653	475894.83, 3849407.25	1.47597	72.8002	57.3121	0.004164	0.2053846	0.1616895	1.05E-02	5.20E-01	4.09E-01	3.78E-03	1.86E-01	1.47E-01
3654	475894.83, 3849432.25	1.31735	68.8832	55.3623	0.0037165	0.1943339	0.1561887	9.41E-03	4.92E-01	3.95E-01	3.37E-03	1.76E-01	1.42E-01
3655	475894.83, 3849457.25	1.18525	65.0933	51.4173	0.0033438	0.1836418	0.1450588	8.47E-03	4.65E-01	3.67E-01	3.03E-03	1.67E-01	1.32E-01
3656	475894.83, 3849482.25	1.08141	62.5647	50.6245	0.0030509	0.1765079	0.1428224	7.73E-03	4.47E-01	3.62E-01	2.77E-03	1.60E-01	1.30E-01
3657	475919.83, 3849232.25	7.07738	119.12	111.671	0.0199668	0.336062	0.3150471	5.06E-02	8.51E-01	7.98E-01	1.81E-02	3.05E-01	2.86E-01
3658	475919.83, 3849257.25	4.96247	111.886	101.355	0.0140002	0.3156525	0.2859431	3.55E-02	7.99E-01	7.24E-01	1.27E-02	2.86E-01	2.59E-01
3659	475919.83, 3849282.25	3.74245	106.15	91.0293	0.0105582	0.2994713	0.2568125	2.67E-02	7.58E-01	6.50E-01	9.58E-03	2.72E-01	2.33E-01
3660	475919.83, 3849307.25	2.97765	99.0301	80.4819	0.0084006	0.2793844	0.2270562	2.13E-02	7.07E-01	5.75E-01	7.62E-03	2.53E-01	2.06E-01
3661	475919.83, 3849332.25	2.42903	89.7969	75.1097	0.0068528	0.2533358	0.2119	1.74E-02	6.41E-01	5.37E-01	6.22E-03	2.30E-01	1.92E-01
3662	475919.83, 3849357.25	2.02844	81.7481	67.4979	0.0057227	0.2306283	0.1904255	1.45E-02	5.84E-01	4.82E-01	5.19E-03	2.09E-01	1.73E-01
3663	475919.83, 3849382.25	1.73046	75.0435	61.3265	0.004882	0.2117133	0.1730149	1.24E-02	5.36E-01	4.38E-01	4.43E-03	1.92E-01	1.57E-01
3664	475919.83, 3849407.25	1.50538	72.2263	57.9005	0.004247	0.2037654	0.1633493	1.08E-02	5.16E-01	4.14E-01	3.85E-03	1.85E-01	1.48E-01
3665	475919.83, 3849432.25	1.33389	69.1556	54.4658	0.0037632	0.1951024	0.1536592	9.53E-03	4.94E-01	3.89E-01	3.41E-03	1.77E-01	1.39E-01
3666	475919.83, 3849457.25	1.19799	65.3703	52.223	0.0033798	0.1844231	0.1473321	8.56E-03	4.67E-01	3.73E-01	3.07E-03	1.67E-01	1.34E-01
3667	475919.83, 3849482.25	1.0872	62.3717	48.65	0.0030672	0.1759636	0.1372518	7.77E-03	4.46E-01	3.48E-01	2.78E-03	1.60E-01	1.25E-01
3668	475944.83, 3849232.25	7.709	120.9	114.343	0.0217487	0.3410848	0.3225863	5.51E-02	8.64E-01	8.17E-01	1.97E-02	3.09E-01	2.93E-01
3669	475944.83, 3849257.25	5.29302	112.423	103.054	0.0149327	0.3171697	0.2907355	3.78E-02	8.03E-01	7.36E-01	1.35E-02	2.88E-01	2.64E-01
3670	475944.83, 3849282.25	3.92771	106.351	91.3845	0.0110809	0.3000369	0.2578147	2.81E-02	7.60E-01	6.53E-01	1.01E-02	2.72E-01	2.34E-01
3671	475944.83, 3849307.25	3.08932	99.7977	80.732	0.0087156	0.2815501	0.2277616	2.21E-02	7.13E-01	5.77E-01	7.91E-03	2.55E-01	2.07E-01
3672	475944.83, 3849332.25	2.50897	90.7299	74.1812	0.0070783	0.2559679	0.2092806	1.79E-02	6.48E-01	5.30E-01	6.42E-03	2.32E-01	1.90E-01
3673	475944.83, 3849357.25	2.08624	82.9516	68.7299	0.0058857	0.2340237	0.1939012	1.49E-02	5.93E-01	4.91E-01	5.34E-03	2.12E-01	1.76E-01
3674	475944.83, 3849382.25	1.77354	75.679	61.4088	0.0050035	0.2135061	0.1732471	1.27E-02	5.41E-01	4.39E-01	4.54E-03	1.94E-01	1.57E-01
3675	475944.83, 3849407.25	1.53849	71.3848	57.9413	0.0043404	0.2013913	0.1634644	1.10E-02	5.10E-01	4.14E-01	3.94E-03	1.83E-01	1.48E-01

3676	475944.83, 3849432.25	1.35982	69.1237	54.6137	0.0038363	0.1950122	0.1540766	9.71E-03	4.94E-01	3.90E-01	3.48E-03	1.77E-01	1.40E-01
3677	475944.83, 3849457.25	1.22622	66.4342	52.8016	0.0034594	0.1874246	0.1489644	8.76E-03	4.75E-01	3.77E-01	3.14E-03	1.70E-01	1.35E-01
3678	475944.83, 3849482.25	1.10143	62.4812	49.8767	0.0031074	0.1762724	0.1407125	7.87E-03	4.46E-01	3.56E-01	2.82E-03	1.60E-01	1.28E-01
3679	475969.83, 3849232.25	8.38389	123.04	116.715	0.0236527	0.3471222	0.3292765	5.99E-02	8.79E-01	8.34E-01	2.15E-02	3.15E-01	2.99E-01
3680	475969.83, 3849257.25	5.59344	112.585	103.706	0.0157803	0.3176258	0.2925764	4.00E-02	8.04E-01	7.41E-01	1.43E-02	2.88E-01	2.65E-01
3681	475969.83, 3849282.25	4.11095	106.405	91.514	0.0115978	0.3001914	0.2581799	2.94E-02	7.60E-01	6.54E-01	1.05E-02	2.72E-01	2.34E-01
3682	475969.83, 3849307.25	3.20723	100.122	83.0314	0.0090483	0.2824636	0.2342489	2.29E-02	7.15E-01	5.93E-01	8.21E-03	2.56E-01	2.13E-01
3683	475969.83, 3849332.25	2.59089	91.5768	74.0408	0.0073094	0.2583571	0.2088845	1.85E-02	6.54E-01	5.29E-01	6.63E-03	2.34E-01	1.90E-01
3684	475969.83, 3849357.25	2.14722	83.597	69.6273	0.0060578	0.2358445	0.196433	1.53E-02	5.97E-01	4.97E-01	5.50E-03	2.14E-01	1.78E-01
3685	475969.83, 3849382.25	1.82191	76.8694	63.2097	0.00514	0.2168646	0.1783276	1.30E-02	5.49E-01	4.52E-01	4.66E-03	1.97E-01	1.62E-01
3686	475969.83, 3849407.25	1.58095	71.1263	58.0672	0.0044602	0.200662	0.1638196	1.13E-02	5.08E-01	4.15E-01	4.05E-03	1.82E-01	1.49E-01
3687	475969.83, 3849432.25	1.40579	69.2355	56.013	0.003966	0.1953277	0.1580242	1.00E-02	4.95E-01	4.00E-01	3.60E-03	1.77E-01	1.43E-01
3688	475969.83, 3849457.25	1.24337	66.5956	51.9987	0.0035078	0.18788	0.1466992	8.88E-03	4.76E-01	3.71E-01	3.18E-03	1.70E-01	1.33E-01
3689	475969.83, 3849482.25	1.11316	63.0518	50.5803	0.0031405	0.1778821	0.1426975	7.95E-03	4.50E-01	3.61E-01	2.85E-03	1.61E-01	1.29E-01
3690	475969.83, 3849507.25	1.00872	59.6091	47.0212	0.0028458	0.1681696	0.1326565	7.21E-03	4.26E-01	3.36E-01	2.58E-03	1.53E-01	1.20E-01
3691	475994.83, 3849232.25	8.93302	124.399	118.04	0.0252019	0.3509561	0.3330158	6.38E-02	8.89E-01	8.43E-01	2.29E-02	3.18E-01	3.02E-01
3692	475994.83, 3849257.25	5.83633	112.418	104.723	0.0164655	0.3171533	0.2954448	4.17E-02	8.03E-01	7.48E-01	1.49E-02	2.88E-01	2.68E-01
3693	475994.83, 3849282.25	4.28784	106.389	92.2797	0.0120969	0.3001458	0.2603401	3.06E-02	7.60E-01	6.59E-01	1.10E-02	2.72E-01	2.36E-01
3694	475994.83, 3849307.25	3.31574	99.8749	83.7143	0.0093544	0.2817677	0.2361756	2.37E-02	7.13E-01	5.98E-01	8.49E-03	2.56E-01	2.14E-01
3695	475994.83, 3849332.25	2.67659	92.4696	74.7013	0.0075512	0.2608759	0.2107479	1.91E-02	6.61E-01	5.34E-01	6.85E-03	2.37E-01	1.91E-01
3696	475994.83, 3849357.25	2.21357	84.7332	68.9775	0.0062449	0.23905	0.1945998	1.58E-02	6.05E-01	4.93E-01	5.67E-03	2.17E-01	1.77E-01
3697	475994.83, 3849382.25	1.87558	78.1821	64.6302	0.0052914	0.2205679	0.1823353	1.34E-02	5.59E-01	4.62E-01	4.80E-03	2.00E-01	1.65E-01
3698	475994.83, 3849407.25	1.62291	72.2207	58.7644	0.0045786	0.2037496	0.1657867	1.16E-02	5.16E-01	4.20E-01	4.15E-03	1.85E-01	1.50E-01
3699	475994.83, 3849432.25	1.42362	68.0838	55.0516	0.0040163	0.1920786	0.1553119	1.02E-02	4.86E-01	3.93E-01	3.64E-03	1.74E-01	1.41E-01
3700	475994.83, 3849457.25	1.25963	66.0679	52.5278	0.0035537	0.1863913	0.1481917	9.00E-03	4.72E-01	3.75E-01	3.22E-03	1.69E-01	1.34E-01
3701	475994.83, 3849482.25	1.12852	63.5752	49.6845	0.0031838	0.179359	0.1401704	8.06E-03	4.54E-01	3.55E-01	2.89E-03	1.63E-01	1.27E-01
3702	475994.83, 3849507.25	1.02148	60.3636	48.0612	0.0028818	0.1702982	0.1355908	7.30E-03	4.31E-01	3.43E-01	2.61E-03	1.55E-01	1.23E-01
3703	476019.83, 3849257.25	5.9453	112.058	104.268	0.0167729	0.3161378	0.2941631	4.25E-02	8.01E-01	7.45E-01	1.52E-02	2.87E-01	2.67E-01
3704	476019.83, 3849282.25	4.40824	105.844	92.4244	0.0124366	0.2986077	0.2607485	3.15E-02	7.56E-01	6.60E-01	1.13E-02	2.71E-01	2.37E-01
3705	476019.83, 3849307.25	3.41195	99.5348	83.1862	0.0096258	0.2808084	0.2346856	2.44E-02	7.11E-01	5.94E-01	8.73E-03	2.55E-01	2.13E-01
3706	476019.83, 3849332.25	2.75072	92.6608	75.4929	0.0077604	0.2614153	0.2129811	1.97E-02	6.62E-01	5.39E-01	7.04E-03	2.37E-01	1.93E-01
3707	476019.83, 3849357.25	2.27726	85.5047	68.9086	0.0064246	0.2412265	0.1944055	1.63E-02	6.11E-01	4.92E-01	5.83E-03	2.19E-01	1.76E-01
3708	476019.83, 3849382.25	1.93032	78.9317	65.3922	0.0054458	0.2226828	0.1844851	1.38E-02	5.64E-01	4.67E-01	4.94E-03	2.02E-01	1.67E-01
3709	476019.83, 3849407.25	1.66668	73.5324	60.1171	0.0047021	0.2074501	0.1696029	1.19E-02	5.25E-01	4.29E-01	4.27E-03	1.88E-01	1.54E-01
3710	476019.83, 3849432.25	1.45491	68.0717	55.3104	0.0041046	0.1920444	0.1560421	1.04E-02	4.86E-01	3.95E-01	3.72E-03	1.74E-01	1.42E-01
3711	476019.83, 3849457.25	1.28118	65.4411	52.836	0.0036145	0.184623	0.1490614	9.15E-03	4.67E-01	3.77E-01	3.28E-03	1.68E-01	1.35E-01
3712	476019.83, 3849482.25	1.14418	63.5148	49.9818	0.003228	0.1791884	0.141009	8.17E-03	4.54E-01	3.57E-01	2.93E-03	1.63E-01	1.28E-01
3713	476019.83, 3849507.25	1.03337	60.8551	48.0789	0.0029154	0.1716848	0.1356405	7.38E-03	4.35E-01	3.43E-01	2.65E-03	1.56E-01	1.23E-01
3714	476044.83, 3849257.25	6.1924	112.964	105.863	0.01747	0.318694	0.2986623	4.42E-02	8.07E-01	7.56E-01	1.59E-02	2.89E-01	2.71E-01
3715	476044.83, 3849282.25	4.50099	105.218	92.5649	0.0126982	0.2968432	0.2611449	3.22E-02	7.52E-01	6.61E-01	1.15E-02	2.69E-01	2.37E-01
3716	476044.83, 3849307.25	3.50049	98.8996	82.7509	0.0098756	0.2790164	0.2334574	2.50E-02	7.07E-01	5.91E-01	8.96E-03	2.53E-01	2.12E-01
3717	476044.83, 3849332.25	2.82937	92.5888	76.8832	0.0079822	0.2612122	0.2169034	2.02E-02	6.61E-01	5.49E-01	7.24E-03	2.37E-01	1.97E-01
3718	476044.83, 3849357.25	2.34582	86.3597	69.5979	0.006618	0.2436388	0.19635	1.68E-02	6.17E-01	4.97E-01	6.00E-03	2.21E-01	1.78E-01
3719	476044.83, 3849382.25	1.98614	80.2246	65.2114	0.0056033	0.2263303	0.1839748	1.42E-02	5.73E-01	4.66E-01	5.08E-03	2.05E-01	1.67E-01
3720	476044.83, 3849407.25	1.70962	74.7203	61.6844	0.0048232	0.2108014	0.1740245	1.22E-02	5.34E-01	4.41E-01	4.38E-03	1.91E-01	1.58E-01
3721	476044.83, 3849432.25	1.48737	69.2985	56.508	0.0041962	0.1955056	0.1594208	1.06E-02	4.95E-01	4.04E-01	3.81E-03	1.77E-01	1.45E-01
3722	476044.83, 3849457.25	1.30323	64.9213	52.5771	0.0036767	0.1831564	0.1483309	9.31E-03	4.64E-01	3.76E-01	3.34E-03	1.66E-01	1.35E-01
3723	476044.83, 3849482.25	1.16039	62.9483	50.233	0.0032737	0.1775901	0.1417177	8.29E-03	4.50E-01	3.59E-01	2.97E-03	1.61E-01	1.29E-01
3724	476044.83, 3849507.25	1.04555	61.0461	47.3518	0.0029497	0.1722236	0.1335892	7.47E-03	4.36E-01	3.38E-01	2.68E-03	1.56E-01	1.21E-01
3725	476069.83, 3849257.25	6.59427	115.38	108.217	0.0186038	0.3255107	0.3053032	4.71E-02	8.24E-01	7.73E-01	1.69E-02	2.95E-01	2.77E-01
3726	476069.83, 3849282.25	4.72668	106.009	94.1575	0.0133349	0.2990741	0.265638	3.38E-02	7.57E-01	6.73E-01	1.21E-02	2.71E-01	2.41E-01
3727	476069.83, 3849307.25	3.61113	98.7643	83.2268	0.0101877	0.2786347	0.2348001	2.58E-02	7.06E-01	5.95E-01	9.24E-03	2.53E-01	2.13E-01
3728	476069.83, 3849332.25	2.90406	92.2645	76.6496	0.008193	0.2602972	0.2162445	2.07E-02	6.59E-01	5.48E-01	7.43E-03	2.36E-01	1.96E-01
3729	476069.83, 3849357.25	2.40809	86.8548	69.88	0.0067937	0.2450353	0.1971459	1.72E-02	6.20E-01	4.99E-01	6.16E-03	2.22E-01	1.79E-01
3730	476069.83, 3849382.25	2.03524	80.9345	65.0893	0.0057418	0.228333	0.1836305	1.45E-02	5.78E-01	4.65E-01	5.21E-03	2.07E-01	1.67E-01
3731	476069.83, 3849407.25	1.74447	75.2009	61.8422	0.0049215	0.2121573	0.1744696	1.25E-02	5.37E-01	4.42E-01	4.47E-03	1.92E-01	1.58E-01
3732	476069.83, 3849432.25	1.51513	70.3497	57.3905	0.0042745	0.1984711	0.1619105	1.08E-02	5.03E-01	4.10E-01	3.88E-03	1.80E-01	1.47E-01
3733	476069.83, 3849457.25	1.32555	65.0721	52.3901	0.0037397	0.1835819	0.1478033	9.47E-03	4.65E-01	3.74E-01	3.39E-03	1.67E-01	1.34E-01
3734	476069.83, 3849482.25	1.17655	62.3022	50.2503	0.0033193	0.1757674	0.1417666	8.40E-03	4.45E-01	3.59E-01	3.01E-03	1.59E-01	1.29E-01
3735	476069.83, 3849507.25	1.05706	60.6627	48.0497	0.0029822	0.171142	0.1355581	7.55E-03	4.33E-01	3.43E-01	2.71E-03	1.55E-01	1.23E-01
3736	476094.83, 3849257.25	7.08446	118.465	111.945	0.0199867	0.3342155	0.3158203	5.06E-02	8.46E-01	8.00E-01	1.81E-02	3.03E-01	2.87E-01
3737	476094.83, 3849282.25	5.00375	107.768	97.4669	0.0141166	0.3040358	0.2749743	3.57E-02	7.70E-01	6.96E-01	1.28E-02	2.76E-01	2.49E-01
3738	476094.83, 3849307.25	3.76298	99.6272	84.455	0.0106161	0.281069	0.2382651	2.69E-02	7.12E-01	6.03E-01	9.63E-03	2.55E-01	2.16E-01
3739	476094.83, 3849332.25	2.9866	92.3345	76.7544	0.0084258	0.2604947	0.2165402	2.13E-02	6.60E-01	5.48E-01	7.65E-03	2.36E-01	1.96E-01
3740	476094.83, 3849357.25	2.46192	86.8673	71.3861	0.0069456	0.2450707	0.2013951	1.76E-02	6.21E-01	5.10E-01	6.30E-03	2.22E-01	1.83E-01
3741	476094.83, 3849382.25	2.07292	81.3329	65.475	0.0058481	0.2294571	0.1847186	1.48E-02	5.81E-01	4.68E-01	5.31E-03	2.08E-01	1.68E-01
3742	476094.83, 3849407.25	1.77082	75.9979	61.559	0.0049959	0.2144058	0.1736706	1.27E-02	5.43E-01	4.40E-01	4.53E-03	1.95E-01	1.58E-01
3743	476094.83, 3849432.25	1.53645	70.9997	58.5247	0.0043346	0.2003048	0.1651104	1.10E-02	5.07E-01	4.18E-01	3.93E-03	1.82E-01	1.50E-01
3744	476094.83, 3849457.25	1.34357	65.9111	53.7674	0.0037905	0.185949	0.1516889	9.60E-03	4.71E-01	3.84E-01	3.44E-03	1.69E-01	1.38E-01
3745	476094.83, 3849482.25	1.19105	61.8385	49.7635	0.0033602	0.1744593	0.1403931	8.51E-03	4.42E-01	3.55E-01	3.05E-03	1.58E-01	1.27E-01
3746	476094.83, 3849507.25	1.06862	60.0268	48.3402	0.0030148	0.1693482	0.1363777	7.63E-03	4.29E-01	3.45E-01	2.74E-03	1.54E-01	1.24E-01
3747	476119.83, 3849257.25	7.59707	121.415	114.945	0.0214329	0.3425366	0.3242839	5.43E-02	8.67E-01	8.21E-01	1.94E-02	3.11E-01	2.94E-01
3748	476119.83, 3849282.25	5.26558	109.678	100.67	0.0148553	0.3094244	0.2840118	3.76E-02	7.84E-01	7.19E-01	1.35E-02	2.81E-01	2.58E-01
3749	476119.83, 3849307.25	3.91994	100.992	86.6504	0.011059	0.2849192	0.2444587	2.80E-02	7.21E-01	6.19E-01	1.00E-02	2.59E-01	2.22E-01
3750	476119.83, 3849332.25	3.09647	93.0835	77.5203	0.0087358	0.2626078	0.2187008	2.21E-02	6.65E-01	5.54E-01	7.93E-03	2.38E-01	1.98E-01
3751	476119.83, 3849357.25	2.52176	86.9139	72.0722	0.0071144	0.2452022	0.2033306	1.80E-02	6.21E-01	5.15E-01	6.46E-03	2.22E-01	1.84E-01
3752	476119.83, 3849382.25	2.10431	81.5904	65.5661	0.0059367	0.2301836	0.1849755	1.50E-02	5.83E-01	4.68E-01	5.39E-03	2.09E-01	1.68E-01
3753	476119.83, 3849407.25	1.79252	76.2469	61.2937	0.0050571	0.2151085	0.1729224	1.28E-02	5.45E-01	4.38E-01	4.59E-03	1.95E-01	1.57E-01
3754	476119.83, 3849432.25	1.55194	71.1745	58.1601	0.0043783	0.200798	0.1640819	1.11E-02	5.08E-01	4.15E-01	3.97E-03	1.82E-01	1.49E-01
3755	476119.83, 3849457.25	1.35835	66.6828	54.2672	0.0038322	0.188126	0.153099	9.70E-03	4.76E-01	3.88E-01	3.48E-03	1.71E-01	1.39E-01

3756	476119.83, 3849482.25	1.20394	62.1229	50.2227	0.0033966	0.1752617	0.1416885	8.60E-03	4.44E-01	3.59E-01	3.08E-03	1.59E-01	1.29E-01
3757	476119.83, 3849507.25	1.07887	59.4052	47.8742	0.0030437	0.1675944	0.1350631	7.71E-03	4.24E-01	3.42E-01	2.76E-03	1.52E-01	1.23E-01
3758	476144.83, 3849257.25	8.19584	124.827	117.655	0.0231222	0.3521643	0.3319283	5.85E-02	8.92E-01	8.40E-01	2.10E-02	3.20E-01	3.01E-01
3759	476144.83, 3849282.25	5.54352	111.588	104.103	0.0156394	0.3148117	0.2936972	3.96E-02	7.97E-01	7.44E-01	1.42E-02	2.86E-01	2.66E-01
3760	476144.83, 3849307.25	4.06587	102.43	88.9153	0.0114707	0.2889754	0.2508485	2.90E-02	7.32E-01	6.35E-01	1.04E-02	2.62E-01	2.28E-01
3761	476144.83, 3849332.25	3.18492	93.7149	78.5074	0.0089853	0.2643893	0.2214856	2.28E-02	6.69E-01	5.61E-01	8.15E-03	2.40E-01	2.01E-01
3762	476144.83, 3849357.25	2.57485	86.9612	72.0248	0.0072642	0.2453357	0.2031969	1.84E-02	6.21E-01	5.15E-01	6.59E-03	2.23E-01	1.84E-01
3763	476144.83, 3849382.25	2.13534	81.6414	66.2376	0.0060242	0.2303273	0.1868701	1.53E-02	5.83E-01	4.73E-01	5.47E-03	2.09E-01	1.70E-01
3764	476144.83, 3849407.25	1.8114	76.3539	61.38	0.0051103	0.2154101	0.1731657	1.29E-02	5.45E-01	4.38E-01	4.64E-03	1.95E-01	1.57E-01
3765	476144.83, 3849432.25	1.566	71.7392	57.9145	0.004418	0.2023913	0.1633887	1.12E-02	5.12E-01	4.14E-01	4.01E-03	1.84E-01	1.48E-01
3766	476144.83, 3849457.25	1.37149	67.1261	55.2225	0.0038693	0.1893767	0.1557942	9.80E-03	4.80E-01	3.94E-01	3.51E-03	1.72E-01	1.41E-01
3767	476144.83, 3849482.25	1.2158	62.7542	51.1352	0.00343	0.1770427	0.1442631	8.69E-03	4.48E-01	3.65E-01	3.11E-03	1.61E-01	1.31E-01
3768	476144.83, 3849507.25	1.08845	59.0204	47.4051	0.0030707	0.1665088	0.1337396	7.78E-03	4.22E-01	3.39E-01	2.79E-03	1.51E-01	1.21E-01
3769	476144.83, 3849532.25	0.9826	57.3217	46.274	0.0027721	0.1617164	0.1305486	7.02E-03	4.09E-01	3.31E-01	2.52E-03	1.47E-01	1.18E-01
3770	476169.83, 3849257.25	8.96501	128.45	120.907	0.0252922	0.3623848	0.3411033	6.40E-02	9.18E-01	8.64E-01	2.29E-02	3.29E-01	3.09E-01
3771	476169.83, 3849282.25	5.83928	113.356	106.662	0.0164738	0.319801	0.3009155	4.17E-02	8.10E-01	7.62E-01	1.49E-02	2.90E-01	2.73E-01
3772	476169.83, 3849307.25	4.22916	103.833	90.9488	0.0119313	0.2929341	0.2565854	3.02E-02	7.42E-01	6.50E-01	1.08E-02	2.66E-01	2.33E-01
3773	476169.83, 3849332.25	3.26912	94.4873	79.3405	0.0092229	0.2665683	0.2238359	2.34E-02	6.75E-01	5.67E-01	8.37E-03	2.42E-01	2.03E-01
3774	476169.83, 3849357.25	2.62162	87.0953	72.218	0.0073961	0.2457139	0.2037421	1.87E-02	6.22E-01	5.16E-01	6.71E-03	2.23E-01	1.85E-01
3775	476169.83, 3849382.25	2.16378	81.525	67.1031	0.0061045	0.229999	0.1893117	1.55E-02	5.82E-01	4.79E-01	5.54E-03	2.09E-01	1.72E-01
3776	476169.83, 3849407.25	1.83044	76.6197	61.665	0.0051641	0.21616	0.1739698	1.31E-02	5.47E-01	4.41E-01	4.69E-03	1.96E-01	1.58E-01
3777	476169.83, 3849432.25	1.58144	72.0281	57.895	0.0044616	0.2032062	0.1633339	1.13E-02	5.15E-01	4.14E-01	4.05E-03	1.84E-01	1.48E-01
3778	476169.83, 3849457.25	1.38648	67.5657	54.9257	0.0039115	0.1906169	0.1549567	9.90E-03	4.83E-01	3.92E-01	3.55E-03	1.73E-01	1.41E-01
3779	476169.83, 3849482.25	1.2275	63.6348	51.7892	0.003463	0.1795271	0.1461082	8.77E-03	4.55E-01	3.70E-01	3.14E-03	1.63E-01	1.33E-01
3780	476169.83, 3849507.25	1.09679	59.5692	48.231	0.0030943	0.1680572	0.1360696	7.84E-03	4.26E-01	3.45E-01	2.81E-03	1.52E-01	1.23E-01
3781	476169.83, 3849532.25	0.98838	56.8768	45.8841	0.0027884	0.1604614	0.1294487	7.06E-03	4.06E-01	3.28E-01	2.53E-03	1.46E-01	1.17E-01
3782	476194.83, 3849282.25	6.16822	115.433	108.941	0.0174018	0.3256618	0.3073452	4.41E-02	8.25E-01	7.78E-01	1.58E-02	2.95E-01	2.79E-01
3783	476194.83, 3849307.25	4.40661	104.814	93.6285	0.012432	0.2957013	0.2641454	3.15E-02	7.49E-01	6.69E-01	1.13E-02	2.68E-01	2.40E-01
3784	476194.83, 3849332.25	3.3617	95.5119	80.8291	0.0094841	0.2694588	0.2280357	2.40E-02	6.82E-01	5.77E-01	8.61E-03	2.44E-01	2.07E-01
3785	476194.83, 3849357.25	2.67153	87.4152	72.769	0.0075369	0.2466166	0.2052965	1.91E-02	6.24E-01	5.20E-01	6.84E-03	2.24E-01	1.86E-01
3786	476194.83, 3849382.25	2.19043	81.3366	67.0751	0.0061797	0.2294675	0.1892329	1.56E-02	5.81E-01	4.79E-01	5.61E-03	2.08E-01	1.72E-01
3787	476194.83, 3849407.25	1.84589	76.6087	61.5182	0.0052076	0.2161291	0.1735556	1.32E-02	5.47E-01	4.39E-01	4.73E-03	1.96E-01	1.57E-01
3788	476194.83, 3849432.25	1.59529	72.1649	57.9692	0.0045006	0.2035922	0.163543	1.14E-02	5.16E-01	4.14E-01	4.08E-03	1.85E-01	1.48E-01
3789	476194.83, 3849457.25	1.39651	68.1686	54.9354	0.0039398	0.1923177	0.1549841	9.98E-03	4.87E-01	3.92E-01	3.57E-03	1.74E-01	1.41E-01
3790	476194.83, 3849482.25	1.23597	64.0698	52.4341	0.0034869	0.1807542	0.1479274	8.83E-03	4.58E-01	3.75E-01	3.16E-03	1.64E-01	1.34E-01
3791	476194.83, 3849507.25	1.10395	60.2414	48.9761	0.0031145	0.1699535	0.1381717	7.89E-03	4.30E-01	3.50E-01	2.83E-03	1.54E-01	1.25E-01
3792	476194.83, 3849532.25	0.99408	56.6545	45.5457	0.0028045	0.1598341	0.1284938	7.10E-03	4.05E-01	3.25E-01	2.54E-03	1.45E-01	1.17E-01
3793	476219.83, 3849282.25	6.53324	117.678	111.264	0.0184316	0.331993	0.3138991	4.67E-02	8.41E-01	7.95E-01	1.67E-02	3.01E-01	2.85E-01
3794	476219.83, 3849307.25	4.59205	105.977	96.2098	0.0129551	0.2989845	0.2714279	3.28E-02	7.57E-01	6.87E-01	1.18E-02	2.71E-01	2.46E-01
3795	476219.83, 3849332.25	3.45782	96.4987	83.0586	0.0097552	0.272243	0.2343255	2.47E-02	6.89E-01	5.93E-01	8.85E-03	2.47E-01	2.13E-01
3796	476219.83, 3849357.25	2.72629	88.1895	73.674	0.0076914	0.2488008	0.2078498	1.95E-02	6.30E-01	5.26E-01	6.98E-03	2.26E-01	1.89E-01
3797	476219.83, 3849382.25	2.22439	81.6289	67.5	0.0062755	0.2302922	0.1904314	1.59E-02	5.83E-01	4.82E-01	5.69E-03	2.09E-01	1.73E-01
3798	476219.83, 3849407.25	1.86681	76.7057	62.6366	0.0052667	0.2164026	0.176711	1.33E-02	5.48E-01	4.47E-01	4.78E-03	1.96E-01	1.60E-01
3799	476219.83, 3849432.25	1.60697	72.4283	58.2965	0.0045336	0.2043353	0.1644666	1.15E-02	5.17E-01	4.16E-01	4.11E-03	1.85E-01	1.49E-01
3800	476219.83, 3849457.25	1.40443	68.4945	55.0128	0.0039622	0.1932374	0.1552025	1.00E-02	4.89E-01	3.93E-01	3.60E-03	1.75E-01	1.41E-01
3801	476219.83, 3849482.25	1.2424	64.52	52.2833	0.0035051	0.1820242	0.1475021	8.88E-03	4.61E-01	3.73E-01	3.18E-03	1.65E-01	1.34E-01
3802	476219.83, 3849507.25	1.10903	60.9814	49.6881	0.0031288	0.1720411	0.1401804	7.92E-03	4.36E-01	3.55E-01	2.84E-03	1.56E-01	1.27E-01
3803	476219.83, 3849532.25	0.99789	57.2863	46.3024	0.0028153	0.1616166	0.1306288	7.13E-03	4.09E-01	3.31E-01	2.55E-03	1.47E-01	1.19E-01
3804	476244.83, 3849282.25	6.95887	120.709	113.543	0.0196324	0.3405444	0.3203287	4.97E-02	8.62E-01	8.11E-01	1.78E-02	3.09E-01	2.91E-01
3805	476244.83, 3849307.25	4.78402	107.519	98.9029	0.0134967	0.3033327	0.2790257	3.42E-02	7.68E-01	7.07E-01	1.22E-02	2.75E-01	2.53E-01
3806	476244.83, 3849332.25	3.55336	97.4555	84.7669	0.0100248	0.2749422	0.2391451	2.54E-02	6.96E-01	6.06E-01	9.10E-03	2.49E-01	2.17E-01
3807	476244.83, 3849357.25	2.77982	88.961	74.7962	0.0078425	0.2509776	0.2110156	1.99E-02	6.36E-01	5.34E-01	7.12E-03	2.28E-01	1.91E-01
3808	476244.83, 3849382.25	2.261	82.1641	67.9606	0.0063788	0.2318019	0.191731	1.62E-02	5.87E-01	4.85E-01	5.79E-03	2.10E-01	1.74E-01
3809	476244.83, 3849407.25	1.89142	76.9888	63.1491	0.0053361	0.2172013	0.1781567	1.35E-02	5.50E-01	4.51E-01	4.84E-03	1.97E-01	1.62E-01
3810	476244.83, 3849432.25	1.6151	72.6201	58.2076	0.0045565	0.2048765	0.1642156	1.15E-02	5.19E-01	4.16E-01	4.13E-03	1.86E-01	1.49E-01
3811	476244.83, 3849457.25	1.41116	68.6792	55.2458	0.0039812	0.1937582	0.1558598	1.01E-02	4.91E-01	3.95E-01	3.61E-03	1.76E-01	1.41E-01
3812	476244.83, 3849482.25	1.24798	65.1961	52.53	0.0035208	0.1839319	0.1481981	8.92E-03	4.66E-01	3.75E-01	3.19E-03	1.67E-01	1.34E-01
3813	476244.83, 3849507.25	1.11379	61.4381	49.9362	0.0031422	0.1733297	0.1408803	7.96E-03	4.39E-01	3.57E-01	2.85E-03	1.57E-01	1.28E-01
3814	476244.83, 3849532.25	1.00204	58.0194	47.1333	0.002827	0.1636849	0.1329728	7.16E-03	4.14E-01	3.37E-01	2.57E-03	1.49E-01	1.21E-01
3815	476269.83, 3849282.25	7.45677	124.057	116.796	0.0210371	0.3499895	0.3295051	5.33E-02	8.86E-01	8.34E-01	1.91E-02	3.18E-01	2.99E-01
3816	476269.83, 3849307.25	4.98183	109.438	102.175	0.0140548	0.3087467	0.2882571	3.56E-02	7.82E-01	7.30E-01	1.28E-02	2.80E-01	2.62E-01
3817	476269.83, 3849332.25	3.64672	98.5506	86.7496	0.0102882	0.2780317	0.2447386	2.61E-02	7.04E-01	6.20E-01	9.33E-03	2.52E-01	2.22E-01
3818	476269.83, 3849357.25	2.83174	89.7285	75.8097	0.0079889	0.2531427	0.2138749	2.02E-02	6.41E-01	5.42E-01	7.25E-03	2.30E-01	1.94E-01
3819	476269.83, 3849382.25	2.28841	82.6432	68.8872	0.0064561	0.2331537	0.1943451	1.63E-02	5.90E-01	4.92E-01	5.86E-03	2.12E-01	1.76E-01
3820	476269.83, 3849407.25	1.90383	77.0079	63.6966	0.0053711	0.2172553	0.1797014	1.36E-02	5.50E-01	4.55E-01	4.87E-03	1.97E-01	1.63E-01
3821	476269.83, 3849432.25	1.62129	72.7443	58.9141	0.004574	0.2052267	0.1662088	1.16E-02	5.20E-01	4.21E-01	4.15E-03	1.86E-01	1.51E-01
3822	476269.83, 3849457.25	1.41587	69.0005	55.5569	0.0039945	0.1946647	0.1567376	1.01E-02	4.93E-01	3.97E-01	3.62E-03	1.77E-01	1.42E-01
3823	476269.83, 3849482.25	1.25058	65.5862	52.6725	0.0035281	0.1850324	0.1486001	8.93E-03	4.69E-01	3.76E-01	3.20E-03	1.68E-01	1.35E-01
3824	476269.83, 3849507.25	1.1162	61.9617	50.159	0.003149	0.1748068	0.141509	7.97E-03	4.43E-01	3.58E-01	2.86E-03	1.59E-01	1.28E-01
3825	476269.83, 3849532.25	1.00502	58.7023	47.8367	0.0028354	0.1656115	0.1349571	7.18E-03	4.19E-01	3.42E-01	2.57E-03	1.50E-01	1.22E-01
3826	476294.83, 3849282.25	8.03587	127.55	120.191	0.0226709	0.3598461	0.339084	5.74E-02	9.11E-01	8.59E-01	2.06E-02	3.27E-01	3.08E-01
3827	476294.83, 3849307.25	5.12885	111.052	104.281	0.0144696	0.3133002	0.2941974	3.66E-02	7.93E-01	7.45E-01	1.31E-02	2.84E-01	2.67E-01
3828	476294.83, 3849332.25	3.69305	98.6729	88.0674	0.0104189	0.2783767	0.2484563	2.64E-02	7.05E-01	6.29E-01	9.45E-03	2.53E-01	2.25E-01
3829	476294.83, 3849357.25	2.8498	89.5955	76.7702	0.0080399	0.2527675	0.2165846	2.04E-02	6.40E-01	5.48E-01	7.29E-03	2.29E-01	1.97E-01
3830	476294.83, 3849382.25	2.29509	82.6975	68.8995	0.0064749	0.2333069	0.1943799	1.64E-02	5.91E-01	4.92E-01	5.87E-03	2.12E-01	1.76E-01
3831	476294.83, 3849407.25	1.90682	77.06	63.5398	0.0053795	0.2174023	0.179259	1.36E-02	5.50E-01	4.54E-01	4.88E-03	1.97E-01	1.63E-01
3832	476294.83, 3849432.25	1.62392	72.7589	59.3325	0.0045814	0.2052679	0.1673894	1.16E-02	5.20E-01	4.24E-01	4.16E-03	1.86E-01	1.52E-01
3833	476294.83, 3849457.25	1.417	69.2936	55.6441	0.0039977	0.1954917	0.1569835	1.01E-02	4.95E-01	3.98E-01	3.63E-03	1.77E-01	1.42E-01
3834	476294.83, 3849482.25	1.25327	65.8096	53.0518	0.0035357	0.1856625	0.1496702	8.95E-03	4.70E-01	3.79E-01	3.21E-03	1.68E-01	1.36E-01
3835	476294.83, 3849507.25	1.11965	62.6398	50.3864	0.0031588	0.1767199	0.1421506	8.00E-03	4.47E-01	3.60E-01	2.87E-03	1.60E-01	1.29E-01

3836	476294.83, 3849532.25	1.00838	59.1413	47.9855	0.0028448	0.16685	0.1353772	7.20E-03	4.22E-01	3.43E-01	2.58E-03	1.51E-01	1.23E-01
3837	476319.83, 3849282.25	8.7362	131.362	124.001	0.0246466	0.3705984	0.3498316	6.24E-02	9.38E-01	8.86E-01	2.24E-02	3.36E-01	3.17E-01
3838	476319.83, 3849307.25	5.29396	113.393	106.913	0.0149354	0.3199059	0.3016233	3.78E-02	8.10E-01	7.64E-01	1.36E-02	2.90E-01	2.74E-01
3839	476319.83, 3849332.25	3.75319	100.563	90.0252	0.0105885	0.2837093	0.2539799	2.68E-02	7.18E-01	6.43E-01	9.61E-03	2.57E-01	2.30E-01
3840	476319.83, 3849357.25	2.87357	90.1884	78.3333	0.0081069	0.2544402	0.2209946	2.05E-02	6.44E-01	5.60E-01	7.36E-03	2.31E-01	2.01E-01
3841	476319.83, 3849382.25	2.29067	82.5947	69.5406	0.0064625	0.2330169	0.1961884	1.64E-02	5.90E-01	4.97E-01	5.86E-03	2.11E-01	1.78E-01
3842	476319.83, 3849407.25	1.89096	76.4784	63.3043	0.0053348	0.2157614	0.1785946	1.35E-02	5.46E-01	4.52E-01	4.84E-03	1.96E-01	1.62E-01
3843	476319.83, 3849432.25	1.62537	72.738	59.6515	0.0045855	0.2052089	0.1682892	1.16E-02	5.20E-01	4.26E-01	4.16E-03	1.86E-01	1.53E-01
3844	476319.83, 3849457.25	1.4164	69.4144	55.7605	0.003996	0.1958324	0.1573119	1.01E-02	4.96E-01	3.98E-01	3.63E-03	1.78E-01	1.43E-01
3845	476319.83, 3849482.25	1.2528	65.9387	53.2673	0.0035344	0.1860268	0.1502782	8.95E-03	4.71E-01	3.81E-01	3.21E-03	1.69E-01	1.36E-01
3846	476319.83, 3849507.25	1.11958	62.9884	50.6187	0.0031586	0.1777034	0.1428058	8.00E-03	4.50E-01	3.62E-01	2.87E-03	1.61E-01	1.30E-01
3847	476319.83, 3849532.25	1.00881	59.68	48.2908	0.0028461	0.1683698	0.1362385	7.21E-03	4.26E-01	3.45E-01	2.58E-03	1.53E-01	1.24E-01
3848	476319.83, 3849557.25	0.91588	56.6463	46.1812	0.0025839	0.1598111	0.1302868	6.54E-03	4.05E-01	3.30E-01	2.34E-03	1.45E-01	1.18E-01
3849	476344.83, 3849307.25	5.41881	115.932	109.51	0.0152876	0.327068	0.3089497	3.87E-02	8.28E-01	7.82E-01	1.39E-02	2.97E-01	2.80E-01
3850	476344.83, 3849332.25	3.77875	102.422	92.495	0.0106606	0.2889546	0.2609476	2.70E-02	7.32E-01	6.61E-01	9.67E-03	2.62E-01	2.37E-01
3851	476344.83, 3849357.25	2.88208	90.8865	79.7715	0.0081309	0.2564096	0.2250521	2.06E-02	6.49E-01	5.70E-01	7.38E-03	2.33E-01	2.04E-01
3852	476344.83, 3849382.25	2.28706	82.7114	69.8701	0.0064523	0.233346	0.1971182	1.63E-02	5.91E-01	4.99E-01	5.85E-03	2.12E-01	1.79E-01
3853	476344.83, 3849407.25	1.88196	76.3605	63.3341	0.0053094	0.2154287	0.1786786	1.34E-02	5.46E-01	4.52E-01	4.82E-03	1.95E-01	1.62E-01
3854	476344.83, 3849432.25	1.62391	72.7748	59.7847	0.0045814	0.2053129	0.1686652	1.16E-02	5.20E-01	4.27E-01	4.16E-03	1.86E-01	1.53E-01
3855	476344.83, 3849457.25	1.41618	69.4692	56.2593	0.0039953	0.1959872	0.1587192	1.01E-02	4.96E-01	4.02E-01	3.63E-03	1.78E-01	1.44E-01
3856	476344.83, 3849482.25	1.25248	66.2616	53.3866	0.0035335	0.1869377	0.1506148	8.95E-03	4.73E-01	3.81E-01	3.21E-03	1.70E-01	1.37E-01
3857	476344.83, 3849507.25	1.11942	63.138	50.9855	0.0031581	0.1781254	0.1438407	8.00E-03	4.51E-01	3.64E-01	2.87E-03	1.62E-01	1.31E-01
3858	476344.83, 3849532.25	1.00919	60.1933	48.3592	0.0028471	0.1698178	0.1364313	7.21E-03	4.30E-01	3.45E-01	2.58E-03	1.54E-01	1.24E-01
3859	476344.83, 3849557.25	0.917	57.0363	46.1873	0.002587	0.1609111	0.130304	6.55E-03	4.07E-01	3.30E-01	2.35E-03	1.46E-01	1.18E-01
3860	476369.83, 3849307.25	5.66626	121.128	114.918	0.0159857	0.3417262	0.324208	4.05E-02	8.65E-01	8.21E-01	1.45E-02	3.10E-01	2.94E-01
3861	476369.83, 3849332.25	3.7912	104.64	95.7796	0.0106958	0.2952121	0.2702141	2.71E-02	7.48E-01	6.84E-01	9.70E-03	2.68E-01	2.45E-01
3862	476369.83, 3849357.25	2.87367	91.4528	81.2054	0.0081072	0.2580074	0.2290972	2.05E-02	6.53E-01	5.80E-01	7.36E-03	2.34E-01	2.08E-01
3863	476369.83, 3849382.25	2.30145	83.6637	71.5322	0.0064929	0.2360328	0.2018072	1.64E-02	5.98E-01	5.11E-01	5.89E-03	2.14E-01	1.83E-01
3864	476369.83, 3849407.25	1.90446	77.5996	64.3196	0.0053729	0.2189246	0.181459	1.36E-02	5.54E-01	4.59E-01	4.88E-03	1.99E-01	1.65E-01
3865	476369.83, 3849432.25	1.6225	72.8679	59.9636	0.0045774	0.2055754	0.1691697	1.16E-02	5.21E-01	4.28E-01	4.15E-03	1.87E-01	1.53E-01
3866	476369.83, 3849457.25	1.41559	69.4036	56.2907	0.0039937	0.195802	0.1588079	1.01E-02	4.96E-01	4.02E-01	3.62E-03	1.78E-01	1.44E-01
3867	476369.83, 3849482.25	1.25165	66.3962	53.2313	0.0035312	0.1873175	0.1501767	8.94E-03	4.74E-01	3.80E-01	3.20E-03	1.70E-01	1.36E-01
3868	476369.83, 3849507.25	1.11923	63.2109	51.174	0.0031576	0.1783312	0.1443725	8.00E-03	4.52E-01	3.66E-01	2.86E-03	1.62E-01	1.31E-01
3869	476369.83, 3849532.25	1.01012	60.5731	48.6726	0.0028498	0.1708894	0.1373155	7.22E-03	4.33E-01	3.48E-01	2.59E-03	1.55E-01	1.25E-01
3870	476369.83, 3849557.25	0.91827	57.5695	46.5112	0.0025906	0.1624157	0.1312178	6.56E-03	4.11E-01	3.32E-01	2.35E-03	1.47E-01	1.19E-01
3871	476394.83, 3849307.25	5.73494	125.436	119.076	0.0161795	0.3538822	0.3359368	4.10E-02	8.96E-01	8.51E-01	1.47E-02	3.21E-01	3.05E-01
3872	476394.83, 3849332.25	3.81214	107.224	99.5575	0.0107548	0.3025017	0.2808724	2.72E-02	7.66E-01	7.11E-01	9.76E-03	2.74E-01	2.55E-01
3873	476394.83, 3849357.25	2.88055	92.9158	83.1606	0.0081266	0.2621348	0.2346134	2.06E-02	6.64E-01	5.94E-01	7.37E-03	2.38E-01	2.13E-01
3874	476394.83, 3849382.25	2.31359	84.5819	73.1517	0.0065271	0.2386232	0.2063761	1.65E-02	6.04E-01	5.23E-01	5.92E-03	2.17E-01	1.87E-01
3875	476394.83, 3849407.25	1.91781	78.4076	66.019	0.0054105	0.221204	0.1862533	1.37E-02	5.60E-01	4.72E-01	4.91E-03	2.01E-01	1.69E-01
3876	476394.83, 3849432.25	1.62255	73.0007	60.3444	0.0045776	0.2059501	0.170244	1.16E-02	5.21E-01	4.31E-01	4.15E-03	1.87E-01	1.54E-01
3877	476394.83, 3849457.25	1.416	69.358	56.6877	0.0039948	0.1956732	0.1599278	1.01E-02	4.95E-01	4.05E-01	3.62E-03	1.78E-01	1.45E-01
3878	476394.83, 3849482.25	1.25351	66.5162	53.5696	0.0035364	0.1876561	0.1511311	8.95E-03	4.75E-01	3.83E-01	3.21E-03	1.70E-01	1.37E-01
3879	476394.83, 3849507.25	1.1211	63.534	51.3078	0.0031629	0.1792427	0.1447499	8.01E-03	4.54E-01	3.67E-01	2.87E-03	1.63E-01	1.31E-01
3880	476394.83, 3849532.25	1.01143	60.7603	49.1007	0.0028535	0.1714173	0.1385234	7.23E-03	4.34E-01	3.51E-01	2.59E-03	1.56E-01	1.26E-01
3881	476394.83, 3849557.25	0.91967	58.0615	46.6012	0.0025946	0.1638037	0.1314716	6.57E-03	4.15E-01	3.33E-01	2.35E-03	1.49E-01	1.19E-01

				2028		2033		2048	
	CO	Rate (g/s):		1.73E-02	1.73E-02	2.37E-02	2.37E-02	2.48E-02	2.48E-02
	Concentration [µg/m^3] at 1 g/s								
		1 HR	8 HR	1 HR	8 HR	1 HR	8 HR	1 HR	8 HR
#	X, Y	Main (SLIN	Main (SLINE1)	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	473243.71, 3847205.61	20.9005	4.08694	0.3624491	0.0708743	0.494683	0.0967317	0.5188623	0.1014598
2	473268.71, 3847230.61	22.6186	4.60311	0.392244	0.0798256	0.5353481	0.1089487	0.561515	0.1142739
3	473268.71, 3847255.61	26.0153	4.51286	0.4511477	0.0782605	0.615742	0.1068126	0.6458384	0.1120335
4	473268.71, 3847280.61	30.8724	4.94492	0.5353793	0.0857531	0.7307042	0.1170388	0.7664197	0.1227595
5	473268.71, 3847305.61	33.767	5.40583	0.5855754	0.0937461	0.7992136	0.1279479	0.8382778	0.1342018
6	473268.71, 3847330.61	38.497	6.42633	0.6676012	0.1114433	0.9111651	0.1521016	0.9557013	0.1595361
7	473268.71, 3847355.61	39.9627	7.22357	0.6930199	0.1252687	0.9458575	0.1709711	0.9920894	0.1793279
8	473268.71, 3847380.61	53.7481	10.4977	0.9320816	0.1820469	1.2721372	0.2484639	1.3343171	0.2606084
9	473268.71, 3847405.61	105.769	17.3733	1.8342045	0.3012823	2.5033857	0.4112005	2.6257469	0.4312992
10	473268.71, 3847430.61	135.398	23.4501	2.348035	0.4066637	3.2046794	0.5550287	3.3613187	0.5821576
11	473268.71, 3847455.61	166.964	32.2825	2.8954274	0.5598326	3.9517794	0.7640789	4.1449357	0.8014258
12	473268.71, 3847480.61	218.723	45.8539	3.7930194	0.7951824	5.176844	1.0852924	5.4298794	1.1383396
13	473293.71, 3847255.61	22.7944	4.48276	0.3952919	0.0777385	0.5395081	0.1061002	0.5658784	0.1112862
14	473293.71, 3847280.61	28.3011	4.82463	0.4907875	0.0836671	0.6698437	0.1141918	0.7025845	0.1197733
15	473293.71, 3847305.61	34.0279	5.40846	0.5900997	0.0937917	0.8053885	0.1280101	0.8447545	0.1342671
16	473293.71, 3847330.61	40.8662	6.46383	0.7086877	0.1120936	0.9672415	0.1529892	1.0145186	0.160467
17	473293.71, 3847355.61	42.5473	7.09215	0.7378413	0.1229897	1.0070313	0.1678606	1.0562533	0.1760653
18	473293.71, 3847380.61	52.3101	9.32271	0.907144	0.1616713	1.2381015	0.2206546	1.2986177	0.2314398
19	473293.71, 3847405.61	97.8332	15.2863	1.6965908	0.2650897	2.3155657	0.3618036	2.4287466	0.3794879
20	473293.71, 3847430.61	129.825	20.9371	2.2513761	0.3630833	3.0727559	0.4955486	3.222947	0.5197702
21	473293.71, 3847455.61	154.886	27.1525	2.685975	0.4708688	3.6659115	0.642658	3.845095	0.6740701
22	473293.71, 3847480.61	184.191	37.3061	3.1941721	0.646949	4.3595165	0.8829783	4.5726022	0.9261368
23	473318.71, 3847255.61	22.7239	4.82121	0.3940694	0.0836078	0.5378395	0.1141108	0.5641282	0.1196884
24	473318.71, 3847280.61	22.976	4.6199	0.3984419	0.0801168	0.5438073	0.1093461	0.5703876	0.1146908
25	473318.71, 3847305.61	30.0404	5.31389	0.520951	0.0921517	0.711012	0.1257718	0.745765	0.1319193
26	473318.71, 3847330.61	39.4273	6.28236	0.6837346	0.1089466	0.9331846	0.148694	0.9787971	0.155962
27	473318.71, 3847355.61	45.1385	7.14567	0.7827762	0.1239178	1.06836	0.1691273	1.1205796	0.177394
28	473318.71, 3847380.61	49.7867	8.29128	0.8633835	0.1437846	1.1783756	0.1962422	1.2359726	0.2058342
29	473318.71, 3847405.61	89.0473	13.4562	1.5442283	0.2333522	2.1076162	0.3184871	2.2106329	0.3340543
30	473318.71, 3847430.61	116.48	18.0669	2.0199554	0.3133098	2.756905	0.427616	2.8916578	0.4485171
31	473318.71, 3847455.61	141.48	23.2259	2.4534926	0.4027752	3.3486116	0.5497215	3.512286	0.576591
32	473318.71, 3847480.61	166.597	30.3712	2.8890617	0.5266873	3.9430912	0.718841	4.1358228	0.7539768
33	473318.71, 3847505.61	209.278	48.562	3.6292288	0.842145	4.9532969	1.1493886	5.1954057	1.2055688
34	473343.71, 3847280.61	23.6235	5.00966	0.409671	0.0868758	0.5591331	0.1185711	0.5864626	0.1243667
35	473343.71, 3847305.61	24.3883	5.19702	0.4229339	0.090125	0.5772348	0.1230057	0.605449	0.129018
36	473343.71, 3847330.61	31.269	5.74411	0.5422558	0.0996124	0.7400894	0.1359545	0.7762637	0.1425997
37	473343.71, 3847355.61	42.8385	6.82338	0.7428909	0.1183288	1.0139231	0.1614992	1.0634819	0.169393
38	473343.71, 3847380.61	54.9707	8.69098	0.9532837	0.1507161	1.3010746	0.2057025	1.3646689	0.2157569
39	473343.71, 3847405.61	84.3052	12.2548	1.4619915	0.2125188	1.9953766	0.290053	2.0929072	0.3042303
40	473343.71, 3847430.61	101.345	15.1851	1.7574985	0.2633351	2.3986947	0.3594088	2.5159388	0.3769761
41	473343.71, 3847455.61	133.466	20.5906	2.3145204	0.3570756	3.1589374	0.4873491	3.3133409	0.5111699
42	473343.71, 3847480.61	165.917	31.5428	2.8772738	0.5470044	3.9270028	0.7465706	4.118948	0.7830617
43	473343.71, 3847505.61	188.132	42.7259	3.2625168	0.7409389	4.4527957	1.011259	4.6704408	1.0606876
44	473343.71, 3847530.61	224.996	63.3336	3.9018006	1.0983093	5.3253123	1.4990105	5.5856045	1.5722796
45	473368.71, 3847280.61	26.4086	6.07478	0.4579685	0.1053468	0.6250513	0.1437809	0.6556027	0.1508087
46	473368.71, 3847305.61	24.7798	5.42598	0.429723	0.0940955	0.5865007	0.1284248	0.6151679	0.134702
47	473368.71, 3847330.61	28.8102	5.75841	0.4996161	0.0998604	0.6818933	0.1362929	0.7152231	0.1429547
48	473368.71, 3847355.61	39.3044	6.65201	0.681603	0.1153569	0.9302753	0.1574431	0.9757456	0.1651387
49	473368.71, 3847380.61	50.1207	7.82053	0.8691761	0.135621	1.1862816	0.1851002	1.2442651	0.1941476
50	473368.71, 3847405.61	71.8514	10.5069	1.2460223	0.182207	1.7006143	0.2486823	1.7837374	0.2608375
51	473368.71, 3847430.61	68.8864	11.2416	1.1946053	0.1949475	1.6304386	0.2660711	1.7101316	0.2790762

52	473368.71, 3847455.61	110.751	16.7626	1.9206043	0.2906907	2.6213072	0.3967447	2.7494322	0.4161369
53	473368.71, 3847480.61	159.282	29.9785	2.7622199	0.5198762	3.7699732	0.709545	3.954243	0.7442263
54	473368.71, 3847505.61	180.956	41.1631	3.1380805	0.7138361	4.2829607	0.9742682	4.4923045	1.0218888
55	473368.71, 3847530.61	200.317	54.1371	3.4738342	0.938827	4.7412089	1.2813436	4.9729512	1.3439735
56	473393.71, 3847305.61	30.5176	7.4674	0.5292254	0.1294971	0.7223052	0.1767422	0.7576102	0.185381
57	473393.71, 3847330.61	31.928	7.78546	0.5536845	0.1350128	0.7556877	0.1842702	0.7926244	0.193277
58	473393.71, 3847355.61	38.2335	8.04572	0.663033	0.1395262	0.9049304	0.1904301	0.9491618	0.199738
59	473393.71, 3847380.61	48.6528	8.53373	0.8437198	0.1479891	1.1515379	0.2019806	1.2078231	0.2118531
60	473393.71, 3847405.61	71.3141	10.7782	1.2367049	0.1869123	1.6878977	0.2551043	1.7703992	0.2675734
61	473393.71, 3847430.61	77.2906	11.2881	1.3403471	0.1957543	1.829352	0.2671722	1.9187676	0.2802311
62	473393.71, 3847455.61	101.59	14.7527	1.7617398	0.2558358	2.4044833	0.3491736	2.5220104	0.3662406
63	473393.71, 3847480.61	140.281	24.1052	2.4327099	0.4180248	3.3202465	0.5705347	3.4825345	0.5984214
64	473393.71, 3847505.61	174.03	37.1628	3.0179624	0.6444653	4.1190194	0.8795885	4.3203501	0.9225813
65	473393.71, 3847530.61	183.623	42.1306	3.1843354	0.7306138	4.346091	0.997167	4.5585205	1.0459068
66	473393.71, 3847555.61	218.875	61.8517	3.7956614	1.0726112	5.1804499	1.4639368	5.4336615	1.5354916
67	473418.71, 3847305.61	33.7749	9.09536	0.5857121	0.1577287	0.7994001	0.2152735	0.8384734	0.2257957
68	473418.71, 3847330.61	36.3844	9.45988	0.6309662	0.1640501	0.8611645	0.2239012	0.9032567	0.2348451
69	473418.71, 3847355.61	40.5668	9.82202	0.7034951	0.1703302	0.9601544	0.2324725	1.0070851	0.2438354
70	473418.71, 3847380.61	50.9127	10.2429	0.8829114	0.1776282	1.205028	0.2424331	1.2639278	0.2542829
71	473418.71, 3847405.61	64.8771	11.0938	1.1250774	0.1923841	1.5355445	0.2625724	1.6105993	0.2754065
72	473418.71, 3847430.61	88.5455	13.9754	1.5355266	0.2423563	2.0957398	0.3307763	2.198176	0.3469441
73	473418.71, 3847455.61	107.029	17.0737	1.8560663	0.2960864	2.5332234	0.4041089	2.6570431	0.4238611
74	473418.71, 3847480.61	126.791	21.3189	2.1987707	0.3697052	3.0009582	0.5045864	3.1476399	0.5292497
75	473418.71, 3847505.61	149.839	27.5387	2.5984601	0.4775669	3.5464682	0.6517998	3.7198135	0.6836586
76	473418.71, 3847530.61	168.301	34.0699	2.9186207	0.5908282	3.9834344	0.8063828	4.1781379	0.8457974
77	473418.71, 3847555.61	199.73	52.3321	3.4636584	0.9075248	4.7273207	1.2386212	4.9583841	1.2991629
78	473443.71, 3847330.61	39.1178	10.9998	0.6783679	0.1907548	0.92586	0.2603488	0.9711144	0.2730742
79	473443.71, 3847355.61	42.8829	11.6497	0.7436608	0.2020243	1.014974	0.2757298	1.0645842	0.289207
80	473443.71, 3847380.61	51.4972	12.2263	0.8930471	0.2120237	1.2188616	0.2893773	1.2784374	0.3035215
81	473443.71, 3847405.61	63.2997	12.689	1.0977214	0.2200489	1.4982081	0.3003303	1.571438	0.31501
82	473443.71, 3847430.61	78.6269	13.7423	1.3635209	0.2383135	1.8609804	0.3252585	1.951942	0.3411565
83	473443.71, 3847455.61	93.5934	14.8133	1.6230654	0.2568873	2.2152158	0.3506086	2.3234918	0.3677458
84	473443.71, 3847480.61	112.577	18.4046	1.9522672	0.3191671	2.6645218	0.4356103	2.7947591	0.4569021
85	473443.71, 3847505.61	137.189	25.1627	2.3790884	0.4363626	3.2470621	0.5955627	3.405773	0.6246728
86	473443.71, 3847530.61	161.191	32.1487	2.7953199	0.5575119	3.8151492	0.7609116	4.0016272	0.7981036
87	473443.71, 3847555.61	193.302	47.9076	3.3521805	0.830798	4.5751718	1.1339018	4.7987984	1.189325
88	473443.71, 3847580.61	211.726	60.2196	3.6716805	1.0443087	5.0112365	1.4253087	5.2561772	1.4949753
89	473468.71, 3847330.61	35.9492	10.425	0.6234194	0.1807875	0.8508644	0.2467451	0.8924532	0.2588056
90	473468.71, 3847355.61	43.0483	11.9557	0.746529	0.2073319	1.0188885	0.2829737	1.0686901	0.296805
91	473468.71, 3847380.61	52.4549	13.7744	0.9096557	0.2388708	1.2415296	0.3260192	1.3022135	0.3419544
92	473468.71, 3847405.61	60.7949	14.5271	1.0542854	0.2519241	1.4389251	0.3438347	1.5092574	0.3606407
93	473468.71, 3847430.61	75.8443	15.6533	1.3152662	0.2714543	1.7951207	0.3704902	1.8828632	0.3885991
94	473468.71, 3847455.61	90.6797	16.6022	1.5725368	0.2879092	2.1462526	0.3929485	2.2511578	0.4121551
95	473468.71, 3847480.61	108.093	19.3952	1.874509	0.3363443	2.5583946	0.4590544	2.6834446	0.4814922
96	473468.71, 3847505.61	130.257	24.4292	2.2588746	0.4236424	3.0829902	0.5782019	3.2336815	0.6064634
97	473468.71, 3847530.61	153.476	31.1335	2.6615321	0.5399074	3.632551	0.7368842	3.8101039	0.7729019
98	473468.71, 3847555.61	176.928	41.2038	3.0682322	0.7145431	4.1876294	0.9752332	4.3923136	1.0229009
99	473468.71, 3847580.61	202.925	51.2881	3.5190602	0.8894211	4.802935	1.2139127	5.0376943	1.2732467
100	473468.71, 3847605.61	226.884	66.5547	3.9345373	1.1541683	5.3699925	1.5752488	5.6324686	1.6522443
101	473493.71, 3847355.61	44.9709	12.2951	0.7798707	0.2132177	1.0643945	0.2910068	1.1164203	0.3052308
102	473493.71, 3847380.61	52.3104	13.9558	0.9071495	0.2420159	1.238109	0.3303117	1.2986257	0.3464568
103	473493.71, 3847405.61	57.9728	14.9868	1.0053455	0.2598964	1.3721303	0.3547156	1.4391977	0.3720535
104	473493.71, 3847430.61	68.5305	16.6218	1.1884336	0.2882497	1.6220152	0.3934131	1.7012965	0.4126425
105	473493.71, 3847455.61	84.9015	18.2053	1.4723339	0.3157098	2.0094922	0.4308917	2.1077128	0.451953
106	473493.71, 3847480.61	102.354	20.672	1.7749943	0.358486	2.4225736	0.4892741	2.5409849	0.513189
107	473493.71, 3847505.61	122.615	24.4295	2.1263498	0.4236475	2.9021157	0.5782087	3.0439662	0.6064706

108	473493.71, 3847530.61	143.028	29.3757	2.4803396	0.5094228	3.3852533	0.6952779	3.5507187	0.7292619
109	473493.71, 3847555.61	163.535	35.9008	2.8359767	0.6225792	3.8706391	0.8497177	4.0598293	0.8912504
110	473493.71, 3847580.61	188.193	45.1907	3.2635729	0.7836824	4.4542371	1.0695969	4.6719526	1.1218769
111	473493.71, 3847605.61	211.571	58.1906	3.6689959	1.0091216	5.0075724	1.3772841	5.252334	1.4446034
112	473518.71, 3847355.61	40.9645	11.3625	0.7103919	0.197044	0.9695674	0.2689324	1.0169582	0.2820774
113	473518.71, 3847380.61	46.7262	12.7585	0.8103102	0.2212531	1.1059394	0.3019739	1.1599958	0.3167338
114	473518.71, 3847405.61	49.364	13.4587	0.8560546	0.2333966	1.1683729	0.3185477	1.2254809	0.3341178
115	473518.71, 3847430.61	60.8911	15.6957	1.0559537	0.2721895	1.4412021	0.3714937	1.5116456	0.3896517
116	473518.71, 3847455.61	72.8291	17.8566	1.2629769	0.3096638	1.7237545	0.4226399	1.8080087	0.4432978
117	473518.71, 3847480.61	90.8426	20.6558	1.5753621	0.3582059	2.1501087	0.4888918	2.2552024	0.512788
118	473518.71, 3847505.61	111.876	24.5209	1.9401116	0.425233	2.6479314	0.5803727	2.7773578	0.6087404
119	473518.71, 3847530.61	133.913	28.9489	2.3222799	0.5020221	3.1695279	0.6851771	3.324449	0.7186674
120	473518.71, 3847555.61	154.88	34.5059	2.6858689	0.5983894	3.6657667	0.8167025	3.8449431	0.8566215
121	473518.71, 3847580.61	178.659	43.1999	3.0982415	0.7491576	4.2285871	1.0224762	4.4352732	1.0724531
122	473518.71, 3847605.61	202.765	52.5262	3.5162763	0.9108924	4.7991355	1.2432174	5.033709	1.3039838
123	473518.71, 3847630.61	226.195	66.2136	3.9225958	1.1482536	5.3536944	1.5671762	5.6153738	1.6437771
124	473543.71, 3847380.61	32.3692	9.94738	0.5613358	0.1725041	0.7661305	0.2354396	0.8035776	0.2469475
125	473543.71, 3847405.61	43.8357	12.2958	0.760184	0.2132295	1.0375253	0.2910229	1.0882378	0.3052476
126	473543.71, 3847430.61	54.5174	14.6472	0.9454215	0.2540065	1.290344	0.3466768	1.3534138	0.3636218
127	473543.71, 3847455.61	66.0241	17.1126	1.1449674	0.2967604	1.5626911	0.4050289	1.6390727	0.424826
128	473543.71, 3847480.61	78.6363	20.1212	1.3636836	0.3489342	1.8612025	0.4762375	1.9521749	0.4995152
129	473543.71, 3847505.61	96.9603	23.9149	1.6814531	0.414724	2.2949053	0.5660296	2.4070763	0.5936962
130	473543.71, 3847530.61	121.314	28.3871	2.1037885	0.4922797	2.8713232	0.6718804	3.0116686	0.7047207
131	473543.71, 3847555.61	143.829	32.5174	2.4942405	0.5639053	3.4042257	0.7696374	3.5706184	0.807256
132	473543.71, 3847580.61	164.202	38.1374	2.8475299	0.6613663	3.8864073	0.9026556	4.0763682	0.9467759
133	473543.71, 3847605.61	190.571	47.3843	3.3048254	0.8217228	4.51054	1.1215156	4.7310075	1.1763334
134	473543.71, 3847630.61	213.034	57.9279	3.6943724	1.0045655	5.0422072	1.3710657	5.2886617	1.438081
135	473568.71, 3847380.61	29.3308	9.31876	0.5086456	0.1616028	0.694217	0.2205611	0.7281492	0.2313417
136	473568.71, 3847405.61	33.8228	10.3896	0.586544	0.1801721	0.8005355	0.2459051	0.8396643	0.2579245
137	473568.71, 3847430.61	43.3626	12.3432	0.7519793	0.2140516	1.0263273	0.2921451	1.0764924	0.3064246
138	473568.71, 3847455.61	57.2115	15.5446	0.9921433	0.2695689	1.3541114	0.3679169	1.4202981	0.3859001
139	473568.71, 3847480.61	71.8275	19.3617	1.2456082	0.3357646	1.7000491	0.4582631	1.7831446	0.4806623
140	473568.71, 3847505.61	86.2493	23.4235	1.4957056	0.4062021	2.0413908	0.5543987	2.1411705	0.5814967
141	473568.71, 3847530.61	104.618	27.2097	1.8142482	0.471862	2.4761487	0.6440135	2.5971786	0.6754918
142	473568.71, 3847555.61	125.134	29.3472	2.1700262	0.50893	2.9617267	0.6946052	3.1064909	0.7285563
143	473568.71, 3847580.61	148.603	33.3091	2.5770256	0.577635	3.5172137	0.7883763	3.6891291	0.8269107
144	473568.71, 3847605.61	171.465	39.7554	2.973494	0.6894241	4.0583275	0.9409498	4.2566916	0.9869418
145	473568.71, 3847630.61	201.897	51.0478	3.5012319	0.8852532	4.7786023	1.2082242	5.0121723	1.2672802
146	473568.71, 3847655.61	225.262	63.9109	3.9064176	1.1083213	5.3316138	1.5126752	5.592214	1.5866122
147	473593.71, 3847405.61	34.5372	10.2031	0.5989325	0.1769386	0.8174438	0.2414919	0.857399	0.2532956
148	473593.71, 3847430.61	38.8214	11.3108	0.6732273	0.1961481	0.9188439	0.2677097	0.9637554	0.2807949
149	473593.71, 3847455.61	50.7461	14.1194	0.8800216	0.2448532	1.2010839	0.3341841	1.2597909	0.3505184
150	473593.71, 3847480.61	65.4944	18.2889	1.1357815	0.3171593	1.5501538	0.4328699	1.6259227	0.4540279
151	473593.71, 3847505.61	79.9078	22.7264	1.385734	0.3941129	1.8912977	0.5378989	1.9837411	0.5641905
152	473593.71, 3847530.61	90.4857	25.6285	1.5691733	0.4444405	2.1416619	0.6065877	2.2463427	0.6362367
153	473593.71, 3847555.61	108.411	28.3339	1.8800194	0.4913566	2.5659155	0.6706205	2.6913331	0.7033993
154	473593.71, 3847580.61	133.619	31.7808	2.3171778	0.5511311	3.1625644	0.7522027	3.3171451	0.7889691
155	473593.71, 3847605.61	158.295	36.7249	2.7450997	0.6368705	3.7466069	0.8692229	3.9297347	0.911709
156	473593.71, 3847630.61	184.323	45.1206	3.1964712	0.7824666	4.3626545	1.0679375	4.5758936	1.1201364
157	473593.71, 3847655.61	214.522	57.5159	3.7201675	0.9974205	5.0774131	1.361314	5.3255885	1.4278527
158	473593.71, 3847680.61	240.439	73.2223	4.1696039	1.2697961	5.6908195	1.7330617	5.9689771	1.8177708
159	473618.71, 3847405.61	37.6452	10.3438	0.6528299	0.1793778	0.8910048	0.2448211	0.9345556	0.2567875
160	473618.71, 3847430.61	43.5127	11.9116	0.7545817	0.206567	1.0298792	0.2819297	1.080218	0.29571
161	473618.71, 3847455.61	52.7842	14.3808	0.9153651	0.2493873	1.249322	0.3403725	1.3103867	0.3570093
162	473618.71, 3847480.61	63.9071	17.8433	1.1082558	0.3094332	1.5125858	0.4223251	1.5865184	0.4429677
163	473618.71, 3847505.61	74.1272	21.7641	1.285489	0.3774257	1.7544798	0.5151236	1.8402357	0.540302

164	473618.71, 3847530.61	84.0544	24.9022	1.4576435	0.4318457	1.9894422	0.589398	2.0866827	0.6182068
165	473618.71, 3847555.61	97.3861	28.2221	1.6888373	0.4894173	2.3049836	0.6679736	2.4176472	0.7006231
166	473618.71, 3847580.61	115.729	30.4988	2.0069294	0.5289006	2.7391266	0.7218618	2.8730104	0.7571452
167	473618.71, 3847605.61	141.479	34.1329	2.4534772	0.5919206	3.3485905	0.8078737	3.5122639	0.8473611
168	473618.71, 3847630.61	168.505	40.771	2.9221622	0.7070373	3.988268	0.964989	4.1832077	1.012156
169	473618.71, 3847655.61	200.867	52.1398	3.483375	0.9041912	4.7542306	1.2340714	4.9866093	1.2943907
170	473618.71, 3847680.61	225.2	64.3515	3.9053384	1.1159622	5.3301409	1.5231038	5.5906691	1.5975505
171	473643.71, 3847430.61	45.6951	12.037	0.7924282	0.2087419	1.0815334	0.2848982	1.1343969	0.2988236
172	473643.71, 3847455.61	53.1772	14.2309	0.9221813	0.2467871	1.2586249	0.3368236	1.3201443	0.353287
173	473643.71, 3847480.61	60.9665	16.9599	1.0572607	0.2941127	1.4429859	0.4014152	1.5135166	0.4210357
174	473643.71, 3847505.61	69.5317	20.3356	1.2057955	0.3526533	1.6457114	0.4813134	1.726151	0.5048392
175	473643.71, 3847530.61	77.2478	23.6176	1.3396045	0.409568	1.8283385	0.5589925	1.9177046	0.5863151
176	473643.71, 3847555.61	88.5121	26.8277	1.5349465	0.4652373	2.0949481	0.6349719	2.1973456	0.6660083
177	473643.71, 3847580.61	98.0593	28.5838	1.7005121	0.4956912	2.3209177	0.6765364	2.4343602	0.7096044
178	473643.71, 3847605.61	120.665	31.7035	2.0925284	0.5497921	2.855955	0.7503753	2.9955492	0.7870524
179	473643.71, 3847630.61	151.058	37.5311	2.6196019	0.6508519	3.5753232	0.8883051	3.7500789	0.931724
180	473643.71, 3847655.61	181.371	46.5963	3.1452766	0.8080574	4.2927822	1.1028646	4.5026061	1.1567708
181	473643.71, 3847680.61	213.946	58.0318	3.7101818	1.0063671	5.0637843	1.3735246	5.3112935	1.4406601
182	473643.71, 3847705.61	237.167	71.1429	4.1128708	1.2337366	5.6133883	1.6838463	5.8877611	1.7661499
183	473668.71, 3847430.61	36.8039	9.94953	0.6382414	0.1725414	0.8710939	0.2354905	0.9136715	0.2470008
184	473668.71, 3847455.61	43.1752	11.803	0.74873	0.2046843	1.0218925	0.2793603	1.0718409	0.2930149
185	473668.71, 3847480.61	51.9049	14.5437	0.9001177	0.2522116	1.2285117	0.3442271	1.2885592	0.3610524
186	473668.71, 3847505.61	60.2014	17.5897	1.0439917	0.3050338	1.424876	0.4163207	1.4945215	0.4366697
187	473668.71, 3847530.61	65.1965	19.8731	1.1306156	0.344633	1.5431032	0.470367	1.6185275	0.4933577
188	473668.71, 3847555.61	77.0605	24.0573	1.3363567	0.4171943	1.8239059	0.5694012	1.9130553	0.5972326
189	473668.71, 3847580.61	89.5851	27.3924	1.5535547	0.4750294	2.1203451	0.6483366	2.223984	0.6800262
190	473668.71, 3847605.61	105.821	31.2135	1.8351179	0.5412935	2.5046323	0.7387761	2.6270545	0.7748862
191	473668.71, 3847630.61	132.883	36.178	2.3044208	0.6273865	3.1451531	0.8562788	3.2988828	0.8981323
192	473668.71, 3847655.61	163.435	42.5051	2.8342294	0.7371091	3.8682542	1.006032	4.0573279	1.0552052
193	473668.71, 3847680.61	195.672	52.6059	3.3932809	0.9122731	4.6312671	1.2451019	4.8576355	1.3059603
194	473668.71, 3847705.61	224.31	64.121	3.8899115	1.1119645	5.3090856	1.5176475	5.5685847	1.5918276
195	473693.71, 3847455.61	31.0432	9.09864	0.53834	0.1577856	0.7347451	0.2153512	0.7706582	0.2258772
196	473693.71, 3847480.61	40.7186	11.7684	0.7061281	0.2040831	0.963748	0.2785397	1.0108544	0.2921542
197	473693.71, 3847505.61	49.0441	14.5568	0.8505058	0.2524398	1.1607997	0.3445386	1.2175376	0.3613791
198	473693.71, 3847530.61	51.8869	16.164	0.8998055	0.2803105	1.2280857	0.3825774	1.2881124	0.4012772
199	473693.71, 3847555.61	63.8759	19.995	1.1077147	0.3467467	1.5118473	0.4732519	1.5857438	0.4963837
200	473693.71, 3847580.61	81.0687	25.574	1.4058661	0.4434954	1.9187747	0.6052978	2.0125611	0.6348837
201	473693.71, 3847605.61	99.0752	30.5978	1.7181281	0.5306162	2.3449606	0.7242034	2.4595783	0.7596012
202	473693.71, 3847630.61	116.304	35.0665	2.0169073	0.6081121	2.7527447	0.8299725	2.8872942	0.8705401
203	473693.71, 3847655.61	143.783	40.5535	2.4934322	0.7032658	3.4031225	0.9598415	3.5694613	1.006757
204	473693.71, 3847680.61	177.404	48.945	3.0764855	0.8487872	4.1988937	1.1584541	4.4041285	1.2150774
205	473693.71, 3847705.61	210.673	58.697	3.6534133	1.017904	4.9863048	1.3892705	5.2300269	1.4571757
206	473693.71, 3847730.61	234.717	70.631	4.0703874	1.2248597	5.5554054	1.6717309	5.8269442	1.7534423
207	473718.71, 3847455.61	24.6368	7.80417	0.4272427	0.1353373	0.5831157	0.184713	0.6116174	0.1937415
208	473718.71, 3847480.61	29.0921	9.1305	0.5045051	0.1583381	0.6885659	0.2161053	0.7222219	0.2266681
209	473718.71, 3847505.61	37.3183	11.5769	0.6471605	0.2007632	0.8832671	0.2740086	0.9264397	0.2874017
210	473718.71, 3847530.61	42.808	13.6786	0.7423618	0.2372093	1.013201	0.3237515	1.0627245	0.3395759
211	473718.71, 3847555.61	56.2466	17.6874	0.9754087	0.3067289	1.3312716	0.4186343	1.3963419	0.4390964
212	473718.71, 3847580.61	75.184	23.5634	1.3038156	0.4086291	1.7794926	0.5577111	1.8664712	0.5849711
213	473718.71, 3847605.61	89.9145	28.7528	1.559267	0.4986217	2.1281415	0.6805362	2.2321614	0.7137996
214	473718.71, 3847630.61	106.203	33.3183	1.841736	0.5777944	2.5136649	0.7885938	2.6365286	0.8271389
215	473718.71, 3847655.61	125.619	38.9953	2.178435	0.6762432	2.9732033	0.9229601	3.1185285	0.9680728
216	473718.71, 3847680.61	156.373	46.106	2.7117763	0.7995544	3.701126	1.0912595	3.8820307	1.1445984
217	473718.71, 3847705.61	191.888	54.7655	3.3276578	0.9497245	4.5417024	1.2962169	4.7636931	1.3595737
218	473718.71, 3847730.61	218.793	65.0431	3.7942261	1.1279562	5.1784909	1.5394737	5.4316067	1.6147205
219	473743.71, 3847480.61	25.0753	8.10703	0.4348481	0.1405894	0.5934957	0.1918813	0.6225048	0.2012601

220	473743.71, 3847505.61	34.1825	10.557	0.5927819	0.1830754	0.8090493	0.2498677	0.8485942	0.2620808
221	473743.71, 3847530.61	43.3379	13.4233	0.7515506	0.2327815	1.0257422	0.3177082	1.0758787	0.3332373
222	473743.71, 3847555.61	56.1015	17.3325	0.9728926	0.3005739	1.3278375	0.4102336	1.3927399	0.4302851
223	473743.71, 3847580.61	70.5255	21.9588	1.2230298	0.3808026	1.6692334	0.5197326	1.7508227	0.5451363
224	473743.71, 3847605.61	83.9934	26.5979	1.4565844	0.4612522	1.9879968	0.6295329	2.0851666	0.6603034
225	473743.71, 3847630.61	96.5577	31.3526	1.6744717	0.5437054	2.2853768	0.7420679	2.3970821	0.7783389
226	473743.71, 3847655.61	114.697	36.9147	1.9890319	0.6401616	2.7146995	0.8737147	2.8473894	0.9164204
227	473743.71, 3847680.61	132.518	42.303	2.2980838	0.7336039	3.1365042	1.0012479	3.2898112	1.0501872
228	473743.71, 3847705.61	165.77	49.5168	2.8747319	0.858704	3.9235335	1.1719889	4.1153091	1.2292738
229	473743.71, 3847730.61	205.549	60.4538	3.564555	1.0483693	4.8650279	1.4308506	5.1028221	1.5007882
230	473743.71, 3847755.61	230.142	70.9046	3.99105	1.229603	5.447123	1.6782047	5.713369	1.7602325
231	473768.71, 3847480.61	23.4966	7.50687	0.4074701	0.1301816	0.5561293	0.1776764	0.583312	0.1863609
232	473768.71, 3847505.61	30.9391	9.55796	0.5365362	0.1657509	0.7322831	0.2262226	0.7680758	0.23728
233	473768.71, 3847530.61	41.789	12.7556	0.7246909	0.2212035	0.9890833	0.3019062	1.037428	0.3166628
234	473768.71, 3847555.61	51.8654	15.9466	0.899433	0.2765402	1.2275773	0.3774317	1.2875791	0.3958799
235	473768.71, 3847580.61	64.3023	19.908	1.115108	0.3452378	1.5219379	0.4711925	1.5963276	0.4942236
236	473768.71, 3847605.61	76.851	24.1032	1.3327233	0.4179899	1.8189468	0.5704871	1.9078539	0.5983715
237	473768.71, 3847630.61	89.5127	28.6936	1.5522995	0.4975953	2.118632	0.6791352	2.2221871	0.7123302
238	473768.71, 3847655.61	103.211	34.1904	1.7898553	0.5929181	2.4428564	0.8092351	2.562259	0.8487891
239	473768.71, 3847680.61	120.913	40.0373	2.0968388	0.6943139	2.8618381	0.9476236	3.0017198	0.9939418
240	473768.71, 3847705.61	142.92	46.9474	2.4784624	0.8141467	3.3826911	1.1111756	3.5480313	1.1654879
241	473768.71, 3847730.61	179.226	55.0369	3.1080811	0.9544321	4.2420166	1.3026419	4.4493591	1.3663128
242	473768.71, 3847755.61	215.027	65.5847	3.7289247	1.1373476	5.0893653	1.5522913	5.3381248	1.6281647
243	473768.71, 3847780.61	248.122	76.7366	4.3028413	1.3307399	5.8726665	1.8162399	6.1597125	1.9050146
244	473793.71, 3847505.61	24.3085	8.01411	0.42155	0.138978	0.575346	0.189682	0.6034679	0.1989533
245	473793.71, 3847530.61	33.3041	10.4846	0.577549	0.1818208	0.7882589	0.2481552	0.8267876	0.2602847
246	473793.71, 3847555.61	44.3312	13.7514	0.7687761	0.2384722	1.0492521	0.325475	1.1005378	0.3413837
247	473793.71, 3847580.61	55.856	17.2812	0.9686356	0.2996851	1.3220274	0.4090206	1.3866458	0.4290128
248	473793.71, 3847605.61	68.4072	21.2969	1.1862941	0.3693238	1.6190952	0.504066	1.6982338	0.5287038
249	473793.71, 3847630.61	81.9673	25.9617	1.4214497	0.4502184	1.9400437	0.6144736	2.0348697	0.644508
250	473793.71, 3847655.61	96.1339	31.5285	1.667121	0.5467573	2.2753444	0.7462333	2.3865594	0.7827079
251	473793.71, 3847680.61	111.759	38.1148	1.938093	0.660974	2.6451764	0.9021202	2.7744681	0.9462143
252	473793.71, 3847705.61	126.911	43.1431	2.2008558	0.7481723	3.0038041	1.0211314	3.1506249	1.0710425
253	473793.71, 3847730.61	147.519	49.3038	2.5582233	0.8550099	3.4915516	1.1669471	3.6622127	1.2239855
254	473793.71, 3847755.61	190.609	58.5602	3.3054685	1.0155313	4.5114176	1.3860322	4.731928	1.4537791
255	473793.71, 3847780.61	222.998	71.6526	3.867159	1.2425753	5.2780323	1.6959097	5.5360136	1.7788029
256	473818.71, 3847505.61	22.2356	7.34469	0.3856016	0.1273691	0.5262824	0.1738378	0.5520062	0.1823347
257	473818.71, 3847530.61	26.7658	8.78617	0.4641628	0.1523668	0.6335054	0.2079555	0.6644701	0.21812
258	473818.71, 3847555.61	37.7542	11.8815	0.6547206	0.2060455	0.8935853	0.281218	0.9372623	0.2949635
259	473818.71, 3847580.61	46.1274	14.4427	0.7999258	0.2504601	1.0917664	0.3418366	1.1451301	0.358545
260	473818.71, 3847605.61	58.8748	18.2895	1.0209868	0.317171	1.3934781	0.432886	1.4615889	0.4540447
261	473818.71, 3847630.61	74.2137	23.3059	1.2869883	0.4041638	1.7565261	0.5516167	1.8423821	0.5785788
262	473818.71, 3847655.61	87.7124	28.2743	1.5210794	0.4903225	2.0760218	0.6692091	2.1774942	0.7019189
263	473818.71, 3847680.61	100.959	33.9133	1.7507885	0.5881125	2.3895367	0.8026763	2.5063332	0.8419097
264	473818.71, 3847705.61	109.575	37.291	1.9002064	0.6466873	2.5934673	0.8826212	2.7202316	0.9257622
265	473818.71, 3847730.61	126.731	43.4722	2.1977286	0.7538801	2.999536	1.0289216	3.1461482	1.0792135
266	473818.71, 3847755.61	157.732	53.3492	2.735328	0.9251635	3.7332702	1.2626952	3.9157461	1.3244135
267	473818.71, 3847780.61	208.516	67.1516	3.6160115	1.1645201	4.9352575	1.5893773	5.1764845	1.6670633
268	473818.71, 3847805.61	239.498	77.9428	4.1532875	1.3516576	5.6685503	1.8447891	5.9456194	1.9349592
269	473843.71, 3847530.61	23.3977	8.04136	0.4057542	0.1394506	0.5537873	0.1903269	0.5808555	0.1996298
270	473843.71, 3847555.61	29.0069	9.57375	0.5030282	0.1660248	0.6865503	0.2265963	0.7201077	0.237672
271	473843.71, 3847580.61	36.18	11.6966	0.6274205	0.2028387	0.8563252	0.2768412	0.8981809	0.2903728
272	473843.71, 3847605.61	49.0623	15.3663	0.8508212	0.2664767	1.1612302	0.3636966	1.2179891	0.3814735
273	473843.71, 3847630.61	64.4894	20.1357	1.118353	0.3491862	1.5263668	0.4765814	1.600973	0.4998759
274	473843.71, 3847655.61	76.7524	24.3174	1.3310139	0.4217038	1.8166138	0.575556	1.9054068	0.6036881
275	473843.71, 3847680.61	90.7605	29.7674	1.5739384	0.5162164	2.1481655	0.70455	2.2531642	0.7389872

276	473843.71, 3847705.61	102.877	34.4114	1.7840647	0.5967514	2.4349532	0.814467	2.5539696	0.8542767
277	473843.71, 3847730.61	114.706	40.375	1.9891982	0.70017	2.7149265	0.9556162	2.8476275	1.0023251
278	473843.71, 3847755.61	140.702	50.0277	2.4399984	0.8675639	3.3301942	1.1840812	3.4929684	1.241957
279	473843.71, 3847780.61	177.492	63.352	3.0780018	1.0986284	4.2009633	1.499446	4.4062993	1.5727363
280	473843.71, 3847805.61	213.172	73.0213	3.6967599	1.266311	5.0454656	1.728305	5.2920794	1.8127816
281	473868.71, 3847530.61	21.8877	7.41326	0.3795688	0.1285583	0.5180486	0.1754608	0.5433699	0.184037
282	473868.71, 3847555.61	24.7264	8.61334	0.4287964	0.1493696	0.5852361	0.2038649	0.6138415	0.2138294
283	473868.71, 3847580.61	31.5243	10.5517	0.5466835	0.1829832	0.7461325	0.2497417	0.7826022	0.2619487
284	473868.71, 3847605.61	40.5526	12.9498	0.7032488	0.2245716	0.9598183	0.3065031	1.0067326	0.3214844
285	473868.71, 3847630.61	54.4356	17.032	0.9440035	0.295363	1.2884086	0.4031217	1.3513838	0.4228256
286	473868.71, 3847655.61	67.971	21.422	1.1787297	0.3714936	1.608771	0.5070274	1.687405	0.53181
287	473868.71, 3847680.61	83.1152	27.0132	1.4413562	0.468454	1.9672127	0.6393622	2.0633667	0.6706131
288	473868.71, 3847705.61	97.6424	33.2045	1.6932816	0.5758213	2.3110493	0.7859008	2.4240095	0.8243143
289	473868.71, 3847730.61	110.22	39.1153	1.9114027	0.6783237	2.6087484	0.9257996	2.7362596	0.9710511
290	473868.71, 3847755.61	128.891	47.4372	2.2351807	0.8226405	3.0506519	1.1227682	3.1997626	1.1776472
291	473868.71, 3847780.61	159.082	59.1102	2.7587429	1.025069	3.7652276	1.3990496	3.9492655	1.4674328
292	473868.71, 3847805.61	190.819	69.4387	3.3091161	1.2041833	4.516396	1.6435109	4.7371498	1.723843
293	473868.71, 3847830.61	224.344	79.4451	3.8904966	1.3777105	5.3098842	1.880347	5.5694223	1.9722551
294	473893.71, 3847555.61	24.0008	8.20998	0.416214	0.1423747	0.5680632	0.1943179	0.5958292	0.2038159
295	473893.71, 3847580.61	28.3363	9.63237	0.4913977	0.1670413	0.6706766	0.2279838	0.7034581	0.2391272
296	473893.71, 3847605.61	36.1276	11.7852	0.6265127	0.204375	0.8550862	0.278938	0.8968813	0.292572
297	473893.71, 3847630.61	45.9933	14.561	0.7976007	0.2525123	1.088593	0.3446375	1.1418015	0.3614828
298	473893.71, 3847655.61	61.7318	19.5818	1.0705312	0.3395806	1.461098	0.4634714	1.532514	0.4861251
299	473893.71, 3847680.61	76.4331	24.9401	1.3254766	0.4325025	1.8090563	0.5902943	1.8974798	0.6191469
300	473893.71, 3847705.61	91.8168	30.7409	1.5922562	0.5330989	2.1731663	0.7275918	2.279387	0.7631552
301	473893.71, 3847730.61	107.46	37.3554	1.863532	0.6478048	2.5434129	0.8841463	2.6677306	0.9273619
302	473893.71, 3847755.61	123.609	44.8856	2.1435803	0.7783904	2.9256325	1.0623742	3.0686324	1.1143012
303	473893.71, 3847780.61	140.669	53.3053	2.4394407	0.9244021	3.329433	1.2616559	3.49217	1.3233235
304	473893.71, 3847805.61	168.316	63.682	2.9188789	1.1043518	3.9837868	1.5072575	4.1785075	1.5809297
305	473893.71, 3847830.61	196.23	74.4629	3.4029621	1.29131	4.6444803	1.7624246	4.8714946	1.8485689
306	473893.71, 3847855.61	244.19	86.6976	4.2346618	1.5034808	5.7796129	2.0520025	6.0621105	2.1523009
307	473918.71, 3847555.61	25.4064	8.4741	0.4405885	0.146955	0.6013305	0.2005693	0.6307225	0.2103727
308	473918.71, 3847580.61	28.0165	9.47029	0.4858525	0.1642306	0.6631083	0.2241476	0.6955199	0.2351035
309	473918.71, 3847605.61	32.7378	10.8075	0.5677286	0.18742	0.7748556	0.2557973	0.8127292	0.2683003
310	473918.71, 3847630.61	42.9701	13.8016	0.7451727	0.2393432	1.0170374	0.3266639	1.0667485	0.3426307
311	473918.71, 3847655.61	56.8572	18.3563	0.9859983	0.3183293	1.3457245	0.4344668	1.4115012	0.4557028
312	473918.71, 3847680.61	69.8169	22.7794	1.2107408	0.395033	1.6524609	0.5391547	1.7332304	0.5655077
313	473918.71, 3847705.61	82.5191	27.3185	1.4310183	0.4737474	1.9531032	0.6465868	2.0485676	0.6781908
314	473918.71, 3847730.61	95.3034	32.5791	1.6527193	0.5649758	2.2556885	0.7710985	2.3659427	0.8087885
315	473918.71, 3847755.61	109.815	39.0714	1.9043717	0.6775632	2.5991523	0.9247617	2.7261944	0.9699625
316	473918.71, 3847780.61	126.598	46.8186	2.1954274	0.8119126	2.9963952	1.1081264	3.1428539	1.1622897
317	473918.71, 3847805.61	144.494	55.1865	2.5057582	0.9570259	3.4199454	1.306182	3.5871065	1.370026
318	473918.71, 3847830.61	179.231	68.8231	3.1081706	1.1935065	4.2421387	1.628939	4.4494872	1.7085587
319	473918.71, 3847855.61	207.151	80.3968	3.5923509	1.3942139	4.9029647	1.9028713	5.1426133	1.9958804
320	473943.71, 3847580.61	28.8473	10.0169	0.5002596	0.1737088	0.6827717	0.2370838	0.7161444	0.2486721
321	473943.71, 3847605.61	34.5408	11.7571	0.5989954	0.203888	0.8175297	0.2782734	0.8574892	0.2918749
322	473943.71, 3847630.61	42.9675	14.6885	0.7451286	0.2547229	1.0169773	0.3476546	1.0666854	0.3646473
323	473943.71, 3847655.61	51.9175	17.4642	0.9003365	0.3028581	1.2288104	0.4133512	1.2888725	0.4335551
324	473943.71, 3847680.61	60.8083	19.9966	1.0545162	0.3467747	1.4392402	0.47329	1.5095878	0.4964236
325	473943.71, 3847705.61	69.7925	23.1677	1.2103186	0.4017665	1.6518846	0.5483447	1.7326259	0.5751469
326	473943.71, 3847730.61	79.4817	27.0927	1.3783449	0.4698332	1.8812128	0.6412446	1.9731632	0.6725875
327	473943.71, 3847755.61	92.4124	32.5868	1.6025846	0.565109	2.1872628	0.7712803	2.2941725	0.8089791
328	473943.71, 3847780.61	109.973	40.0445	1.9071135	0.6944375	2.6028945	0.9477924	2.7301195	0.9941188
329	473943.71, 3847805.61	130.291	48.8899	2.2594608	0.847832	3.0837902	1.1571504	3.2345206	1.21371
330	473943.71, 3847830.61	155.285	60.4018	2.6928926	1.0474668	3.6753529	1.4296189	3.8549979	1.4994963
331	473943.71, 3847855.61	185.754	73.8461	3.2212828	1.2806137	4.3965182	1.7478258	4.6114125	1.8332566

332	473943.71, 3847880.61	221.347	86.8737	3.8385313	1.506535	5.2389601	2.056171	5.4950316	2.1566732
333	473968.71, 3847605.61	33.0777	12.857	0.573622	0.2229618	0.7828991	0.3043059	0.8211659	0.3191799
334	473968.71, 3847630.61	36.5122	13.1558	0.6331826	0.2281433	0.8641895	0.3113778	0.9064297	0.3265975
335	473968.71, 3847655.61	40.6877	13.4601	0.7055926	0.2334209	0.9630171	0.3185809	1.0100878	0.3341526
336	473968.71, 3847680.61	47.2486	15.4436	0.8193688	0.2678172	1.1183029	0.3655262	1.1729636	0.3833925
337	473968.71, 3847705.61	56.0783	18.4051	0.9724908	0.3191756	1.3272891	0.4356219	1.3921647	0.4569143
338	473968.71, 3847730.61	65.7329	21.9917	1.1399177	0.3813721	1.555799	0.5205099	1.6318438	0.5459515
339	473968.71, 3847755.61	78.0736	27.104	1.3539263	0.4700286	1.8478854	0.6415113	1.9382069	0.6728673
340	473968.71, 3847780.61	93.6938	33.8597	1.624807	0.5871827	2.2175928	0.8014072	2.325985	0.8405786
341	473968.71, 3847805.61	109.114	40.707	1.8922183	0.7059262	2.5825649	0.9634725	2.7087963	1.0105654
342	473968.71, 3847830.61	136.707	51.7357	2.3707233	0.8971824	3.2356451	1.2245056	3.393798	1.2843573
343	473968.71, 3847855.61	165.282	64.6628	2.8662697	1.12136	3.9119839	1.5304709	4.103195	1.6052777
344	473968.71, 3847880.61	194.662	78.2811	3.3757638	1.3575238	4.6073591	1.8527954	4.8325589	1.9433569
345	473993.71, 3847605.61	25.9281	10.1465	0.449636	0.1759577	0.6136788	0.2401532	0.6436744	0.2518914
346	473993.71, 3847630.61	25.4542	9.00139	0.4414187	0.1560991	0.6024635	0.2130494	0.6319109	0.2234629
347	473993.71, 3847655.61	24.6572	8.67671	0.4275974	0.1504686	0.5835997	0.2053647	0.612125	0.2154026
348	473993.71, 3847680.61	33.0264	11.0393	0.5727334	0.1914393	0.7816864	0.261283	0.8198938	0.274054
349	473993.71, 3847705.61	44.4661	14.5989	0.7711167	0.2531694	1.0524467	0.3455343	1.1038885	0.3624235
350	473993.71, 3847730.61	55.3979	18.4762	0.9606914	0.3204075	1.3111848	0.4373033	1.3752733	0.4586779
351	473993.71, 3847755.61	67.4836	23.2915	1.1702784	0.4039135	1.5972364	0.5512751	1.6753066	0.5782205
352	473993.71, 3847780.61	81.2896	29.2049	1.4096967	0.5064622	1.9240028	0.6912372	2.0180448	0.7250237
353	473993.71, 3847805.61	93.9405	34.8221	1.6290847	0.603873	2.2234311	0.8241867	2.3321087	0.8644715
354	473993.71, 3847830.61	119.323	44.8645	2.0692624	0.7780251	2.8242009	1.0618755	2.962243	1.1137782
355	473993.71, 3847855.61	140.541	53.8904	2.4372111	0.9345483	3.3263899	1.2755038	3.4889782	1.3378483
356	473993.71, 3847880.61	170.176	67.2414	2.9511429	1.166077	4.0278218	1.5915022	4.2246949	1.6692922
357	473993.71, 3847905.61	204.321	83.6745	3.5432577	1.4510542	4.8359606	1.9804489	5.0723341	2.0772498
358	474018.71, 3847630.61	19.3544	7.76555	0.335637	0.1346676	0.4580889	0.1837989	0.4804795	0.1927827
359	474018.71, 3847655.61	19.104	7.76415	0.3312957	0.1346433	0.4521638	0.1837658	0.4742648	0.192748
360	474018.71, 3847680.61	27.5573	9.86696	0.4778891	0.1711095	0.6522395	0.2335362	0.6841199	0.244951
361	474018.71, 3847705.61	35.4074	12.1202	0.6140239	0.2101839	0.8380411	0.2868663	0.8790031	0.3008878
362	474018.71, 3847730.61	45.9344	15.3827	0.7965786	0.2667609	1.087198	0.3640845	1.1403383	0.3818803
363	474018.71, 3847755.61	58.1458	20.0854	1.0083454	0.3483144	1.3762247	0.4753916	1.4434922	0.4986279
364	474018.71, 3847780.61	71.8181	25.7213	1.2454446	0.4460505	1.6998259	0.6087851	1.7829105	0.6385415
365	474018.71, 3847805.61	89.7136	32.7398	1.5557829	0.5677629	2.1233863	0.7749025	2.2271738	0.8127784
366	474018.71, 3847830.61	103.678	38.8609	1.7979467	0.6739123	2.4538998	0.9197788	2.5738423	0.964736
367	474018.71, 3847855.61	120.286	46.0366	2.0859642	0.7983504	2.846996	1.0896162	2.9861523	1.1428747
368	474018.71, 3847880.61	144.476	55.9095	2.5054481	0.9695634	3.4195222	1.3232936	3.5866626	1.387974
369	474018.71, 3847905.61	179.889	72.6502	3.1195776	1.259875	4.2577074	1.7195209	4.4658169	1.8035682
370	474018.71, 3847930.61	215.5	89.6527	3.7371361	1.5547261	5.1005725	2.1219439	5.3498798	2.2256609
371	474043.71, 3847630.61	16.7775	7.47097	0.2909501	0.129559	0.3970988	0.1768267	0.4165083	0.1854697
372	474043.71, 3847655.61	17.242	7.56472	0.2990051	0.1311848	0.4080925	0.1790456	0.4280394	0.187797
373	474043.71, 3847680.61	22.6308	8.97447	0.3924561	0.1556322	0.5356376	0.2124123	0.5618187	0.2227946
374	474043.71, 3847705.61	28.1385	10.5218	0.4879687	0.182465	0.6659966	0.2490345	0.6985494	0.2612069
375	474043.71, 3847730.61	35.0162	12.5182	0.6072398	0.2170866	0.8287819	0.2962873	0.8692914	0.3107693
376	474043.71, 3847755.61	45.5141	15.6832	0.7892897	0.2719723	1.0772498	0.3711971	1.129904	0.3893406
377	474043.71, 3847780.61	59.6875	21.3861	1.0350805	0.3708702	1.4127137	0.5061765	1.4817647	0.5309175
378	474043.71, 3847805.61	76.0284	27.9367	1.3184584	0.4844682	1.7994776	0.6612189	1.887433	0.6935381
379	474043.71, 3847830.61	87.8556	33.0764	1.5235629	0.5736001	2.0794114	0.7828693	2.1810495	0.8211346
380	474043.71, 3847855.61	105.944	40.4297	1.8372511	0.7011189	2.5075438	0.9569114	2.6301083	1.0036836
381	474043.71, 3847880.61	129.399	49.8448	2.2439854	0.8643921	3.0626689	1.1797522	3.2123669	1.2374165
382	474043.71, 3847905.61	158.677	62.6672	2.7517214	1.0867526	3.7556445	1.4832375	3.939214	1.5557357
383	474043.71, 3847930.61	180.666	77.3737	3.1330509	1.3417881	4.2760961	1.8313188	4.4851044	1.9208306
384	474068.71, 3847655.61	15.2859	7.3006	0.2650828	0.1266045	0.3617941	0.1727943	0.379478	0.1812402
385	474068.71, 3847680.61	18.1976	8.34697	0.3155761	0.1447503	0.4307092	0.1975603	0.4517616	0.2072167
386	474068.71, 3847705.61	22.8749	9.52607	0.3966881	0.1651979	0.5414137	0.2254678	0.567877	0.2364883
387	474068.71, 3847730.61	25.312	10.143	0.4389518	0.1758963	0.5990966	0.2400694	0.6283795	0.2518036

388	474068.71, 3847755.61	31.8819	11.9124	0.5528855	0.2065814	0.7545973	0.2819494	0.7914807	0.2957306
389	474068.71, 3847780.61	46.8723	16.6438	0.812844	0.2886319	1.1093976	0.3939348	1.1636231	0.4131896
390	474068.71, 3847805.61	60.2831	22.3687	1.0454084	0.3879106	1.4268095	0.5294339	1.4965495	0.5553117
391	474068.71, 3847830.61	72.882	27.8072	1.2638948	0.4822224	1.7250073	0.6581538	1.8093227	0.6903233
392	474068.71, 3847855.61	90.142	34.6851	1.5632119	0.6014977	2.1335256	0.8209448	2.2378087	0.8610712
393	474068.71, 3847880.61	111.517	43.1366	1.9338957	0.7480602	2.6394476	1.0209785	2.7684594	1.0708821
394	474068.71, 3847905.61	136.737	53.1603	2.3712529	0.9218887	3.236368	1.2582256	3.3945561	1.3197255
395	474068.71, 3847930.61	164.902	67.9043	2.8596681	1.1775728	3.9029738	1.6071921	4.0937445	1.6857489
396	474068.71, 3847955.61	187.535	81.2022	3.2521638	1.4081811	4.4386656	1.9219342	4.65562	2.015875
397	474093.71, 3847655.61	17.029	7.9228	0.2953119	0.1373945	0.4030519	0.1875208	0.4227524	0.1966865
398	474093.71, 3847680.61	17.8515	8.476	0.3095752	0.1469879	0.422519	0.2006142	0.443171	0.2104199
399	474093.71, 3847705.61	18.4132	8.71185	0.3193155	0.151078	0.4358129	0.2061964	0.4571146	0.216275
400	474093.71, 3847730.61	22.1557	9.74159	0.384216	0.1689354	0.5243913	0.2305688	0.5500226	0.2418387
401	474093.71, 3847755.61	28.4108	11.5551	0.4926902	0.2003838	0.6724406	0.2734907	0.7053083	0.2868585
402	474093.71, 3847780.61	37.5412	14.3688	0.6510262	0.249178	0.888543	0.3400868	0.9319735	0.3567096
403	474093.71, 3847805.61	49.4746	18.3198	0.8579712	0.3176958	1.1709887	0.4336022	1.2282246	0.454796
404	474093.71, 3847830.61	61.3	23.5944	1.0630431	0.4091656	1.450878	0.5584434	1.5217944	0.5857391
405	474093.71, 3847855.61	77.4496	30.0981	1.3431044	0.5219511	1.8331153	0.7123769	1.9227148	0.7471967
406	474093.71, 3847880.61	96.2683	37.5174	1.6694525	0.6506146	2.2785264	0.8879814	2.3898969	0.9313844
407	474093.71, 3847905.61	118.075	46.0847	2.0476167	0.799185	2.7946581	1.0907553	2.9312562	1.1440696
408	474093.71, 3847930.61	145.035	57.7778	2.5151407	1.0019632	3.432751	1.367514	3.600538	1.4343557
409	474093.71, 3847955.61	163.798	70.71	2.8405346	1.2262294	3.8768599	1.6736002	4.0663542	1.755403
410	474093.71, 3847980.61	196.128	84.7813	3.4011922	1.4702479	4.6420647	2.0066452	4.8689609	2.1047266
411	474118.71, 3847680.61	18.9297	8.71442	0.328273	0.1511225	0.4480383	0.2062573	0.4699377	0.2163388
412	474118.71, 3847705.61	21.4762	9.72878	0.3724337	0.1687132	0.5083104	0.2302656	0.5331558	0.2415206
413	474118.71, 3847730.61	22.1881	10.3283	0.3847779	0.1791102	0.5251581	0.2444559	0.550827	0.2564044
414	474118.71, 3847755.61	26.9702	11.9061	0.4677085	0.2064711	0.6383447	0.2817988	0.6695459	0.2955727
415	474118.71, 3847780.61	33.1832	13.8623	0.5754517	0.2403955	0.7853964	0.3281001	0.8237852	0.3441371
416	474118.71, 3847805.61	40.6275	15.9971	0.7045477	0.2774165	0.9615911	0.3786276	1.008592	0.3971343
417	474118.71, 3847830.61	53.0407	20.6319	0.9198143	0.3577908	1.2553944	0.4883252	1.3167559	0.5121937
418	474118.71, 3847855.61	67.9653	26.7133	1.1786314	0.4632522	1.6086368	0.6322626	1.6872642	0.6631665
419	474118.71, 3847880.61	82.6735	32.6514	1.4336962	0.5662296	1.9567581	0.7728097	2.0524011	0.8105833
420	474118.71, 3847905.61	100.349	39.6417	1.7402174	0.6874523	2.3751088	0.9382587	2.4912001	0.9841192
421	474118.71, 3847930.61	126.228	49.8979	2.1890115	0.8653122	2.9876385	1.1810081	3.1336692	1.2387337
422	474118.71, 3847955.61	151.009	62.5982	2.6187473	1.0855562	3.5741568	1.4816047	3.7488555	1.554023
423	474118.71, 3847980.61	167.465	72.8266	2.9041165	1.2629342	3.9636385	1.7236963	4.1573744	1.8079476
424	474143.71, 3847680.61	18.2144	8.55503	0.3158673	0.1483585	0.4311066	0.2024847	0.4521784	0.2123819
425	474143.71, 3847705.61	19.756	9.25777	0.3426012	0.1605451	0.467594	0.2191175	0.4904492	0.2298276
426	474143.71, 3847730.61	16.9409	8.9238	0.2937834	0.1547535	0.4009657	0.211213	0.4205642	0.2215367
427	474143.71, 3847755.61	19.2584	9.66784	0.333973	0.1676564	0.4558179	0.2288233	0.4780976	0.2400078
428	474143.71, 3847780.61	25.5219	11.7312	0.4425917	0.2034385	0.6040644	0.2776599	0.6335901	0.2912315
429	474143.71, 3847805.61	32.6841	13.9934	0.5667958	0.242668	0.7735825	0.3312016	0.8113939	0.3473902
430	474143.71, 3847830.61	45.1727	18.425	0.7833699	0.3195193	1.0691704	0.436091	1.1214296	0.4574063
431	474143.71, 3847855.61	58.3462	23.4523	1.0118198	0.4067017	1.3809667	0.5550806	1.448466	0.582212
432	474143.71, 3847880.61	72.8926	29.2036	1.2640791	0.5064392	1.7252589	0.6912057	1.8095866	0.7249907
433	474143.71, 3847905.61	88.7011	35.4937	1.5382253	0.61552	2.0994231	0.8400829	2.2020393	0.8811448
434	474143.71, 3847930.61	106.634	42.3722	1.8492104	0.7348036	2.5238663	1.0028853	2.6472286	1.0519046
435	474143.71, 3847955.61	128.835	51.4107	2.2342146	0.8915464	3.0493333	1.2168133	3.1983795	1.2762891
436	474143.71, 3847980.61	153.797	64.0636	2.667088	1.1109696	3.6401339	1.5162897	3.8180575	1.5904033
437	474143.71, 3848005.61	171.345	74.7988	2.9714023	1.2971353	4.0554726	1.7703751	4.2536972	1.856908
438	474168.71, 3847705.61	17.1956	8.59117	0.2982	0.1489852	0.4069936	0.2033401	0.4268868	0.213279
439	474168.71, 3847730.61	14.9475	8.30869	0.2592138	0.1440865	0.353784	0.1966542	0.3710763	0.2062664
440	474168.71, 3847755.61	16.1709	9.05891	0.2804301	0.1570966	0.3827407	0.2144108	0.4014485	0.2248909
441	474168.71, 3847780.61	21.8998	11.0742	0.3797791	0.1920442	0.5183357	0.2621085	0.5436711	0.27492
442	474168.71, 3847805.61	29.3165	13.554	0.508396	0.2350496	0.6938764	0.3208038	0.7277919	0.3364842
443	474168.71, 3847830.61	40.1961	17.2423	0.6970672	0.2990109	0.9513815	0.4081004	0.9978834	0.4280476

444	474168.71, 3847855.61	49.5692	21.3067	0.8596115	0.3694934	1.1732275	0.5042974	1.2305729	0.5289466
445	474168.71, 3847880.61	62.53	26.5087	1.0843735	0.4597046	1.4799905	0.6274207	1.5523299	0.658088
446	474168.71, 3847905.61	76.5353	31.4338	1.3272494	0.545114	1.8114759	0.7439905	1.9000177	0.7803555
447	474168.71, 3847930.61	91.046	36.9565	1.5788891	0.6408863	2.1549224	0.8747038	2.2602513	0.9174578
448	474168.71, 3847955.61	107.751	43.0365	1.8685889	0.7463252	2.5503147	1.0186104	2.6749697	1.0683984
449	474168.71, 3847980.61	136.584	55.2114	2.3685976	0.9574577	3.2327438	1.3067714	3.3907549	1.3706441
450	474168.71, 3848005.61	148.417	65.1615	2.5737918	1.1300093	3.5128	1.5422758	3.6844997	1.6176596
451	474168.71, 3848030.61	176.889	76.0922	3.0675436	1.3195658	4.1866896	1.8009891	4.3913278	1.8890184
452	474193.71, 3847705.61	15.7605	8.24598	0.2733128	0.142999	0.3730267	0.19517	0.3912596	0.2047096
453	474193.71, 3847730.61	17.0715	8.88207	0.2960473	0.1540299	0.4040556	0.2102253	0.4238052	0.2205007
454	474193.71, 3847755.61	16.9408	9.24029	0.2937823	0.160242	0.4009643	0.2187038	0.4205628	0.2293937
455	474193.71, 3847780.61	20.9246	10.7632	0.3628677	0.1866511	0.4952544	0.2547479	0.5194616	0.2671995
456	474193.71, 3847805.61	28.0336	13.0777	0.4861489	0.2267886	0.6635128	0.3095289	0.6959442	0.3246581
457	474193.71, 3847830.61	39.5047	17.0078	0.685077	0.2949441	0.9350168	0.4025499	0.9807189	0.4222258
458	474193.71, 3847855.61	48.0781	20.6002	0.8337548	0.357241	1.1379373	0.4875749	1.1935577	0.5114068
459	474193.71, 3847880.61	55.2535	24.7021	0.9581879	0.4283752	1.307768	0.5846612	1.3716895	0.6132385
460	474193.71, 3847905.61	64.1044	27.9788	1.1116766	0.4851989	1.5172546	0.6622163	1.5914155	0.6945843
461	474193.71, 3847930.61	76.6915	31.4347	1.3299585	0.54513	1.8151734	0.7440123	1.903896	0.7803783
462	474193.71, 3847955.61	94.8728	38.6489	1.6452523	0.6702364	2.2454973	0.9147618	2.3552533	0.9594738
463	474193.71, 3847980.61	115.681	47.2415	2.0061029	0.8192462	2.7379986	1.1181355	2.8718273	1.1727881
464	474193.71, 3848005.61	138.639	57.4086	2.4042291	0.9955604	3.281375	1.3587753	3.4417631	1.4251899
465	474193.71, 3848030.61	153.418	65.7454	2.6605199	1.1401353	3.6311695	1.5560961	3.8086548	1.6321554
466	474193.71, 3848055.61	183.35	76.6468	3.179599	1.3291827	4.3396267	1.8141144	4.5517402	1.9027853
467	474218.71, 3847730.61	17.5039	9.07654	0.303546	0.1574023	0.4142901	0.2148281	0.4345399	0.2253285
468	474218.71, 3847755.61	19.9875	10.1111	0.3466156	0.1753428	0.473073	0.2393139	0.496196	0.2510111
469	474218.71, 3847780.61	23.6703	11.569	0.4104815	0.2006252	0.5602394	0.2738202	0.5876229	0.2872041
470	474218.71, 3847805.61	27.5561	12.8893	0.4778693	0.2235214	0.6522125	0.3050697	0.6840916	0.319981
471	474218.71, 3847830.61	37.6189	16.2915	0.652374	0.2825224	0.8903825	0.3855963	0.9339029	0.4044436
472	474218.71, 3847855.61	44.5517	18.6583	0.7726001	0.3235651	1.0544713	0.4416128	1.106012	0.4631981
473	474218.71, 3847880.61	50.5113	21.8854	0.87595	0.3795285	1.1955268	0.5179937	1.2539621	0.5433123
474	474218.71, 3847905.61	59.2762	25.9976	1.0279483	0.4508408	1.4029793	0.6153231	1.4715546	0.645399
475	474218.71, 3847930.61	68.3271	29.8394	1.1849063	0.5174641	1.617201	0.7062529	1.6962471	0.7407734
476	474218.71, 3847955.61	81.6568	34.8684	1.4160653	0.6046764	1.9326948	0.8252833	2.0271617	0.8656217
477	474218.71, 3847980.61	97.7328	40.3802	1.6948492	0.7002595	2.3131887	0.9557384	2.4262534	1.0024532
478	474218.71, 3848005.61	114.362	46.6535	1.9832332	0.8090484	2.7067852	1.1042173	2.8390883	1.1581895
479	474218.71, 3848030.61	138.869	55.6158	2.4082148	0.9644698	3.2868148	1.3163417	3.4474687	1.3806823
480	474218.71, 3848055.61	153.726	66.1302	2.6658684	1.1468072	3.6384693	1.565202	3.8163115	1.6417065
481	474218.71, 3848080.61	189.787	77.3734	3.2912299	1.3417842	4.4919844	1.8313134	4.7115449	1.9208249
482	474243.71, 3847755.61	19.4697	9.88966	0.3376363	0.1715032	0.4608177	0.2340734	0.4833417	0.2455145
483	474243.71, 3847780.61	22.5137	11.1986	0.390425	0.1942025	0.5328655	0.2650543	0.5589111	0.2780097
484	474243.71, 3847805.61	27.2674	12.7042	0.4728619	0.2203121	0.6453783	0.3006896	0.6769233	0.3153868
485	474243.71, 3847830.61	34.797	15.1694	0.6034372	0.2630625	0.8235919	0.3590367	0.8638477	0.3765858
486	474243.71, 3847855.61	41.0617	17.2239	0.7120789	0.2986916	0.9718699	0.4076646	1.0193732	0.4275906
487	474243.71, 3847880.61	48.5716	20.794	0.8423116	0.3606027	1.1496161	0.4921631	1.2058073	0.5162192
488	474243.71, 3847905.61	55.8284	24.5608	0.9681568	0.4259251	1.3213739	0.5813173	1.3859604	0.6097311
489	474243.71, 3847930.61	65.0688	28.6809	1.1284019	0.4973738	1.540082	0.678833	1.6153585	0.7120132
490	474243.71, 3847955.61	74.3921	32.663	1.2900831	0.5664301	1.76075	0.7730833	1.8468125	0.8108703
491	474243.71, 3847980.61	85.4435	35.845	1.4817326	0.6216116	2.0223199	0.848397	2.1211674	0.8898652
492	474243.71, 3848005.61	97.2855	40.5857	1.6870922	0.703823	2.3026018	0.960602	2.415149	1.0075546
493	474243.71, 3848030.61	113.544	46.1469	1.9690481	0.8002645	2.6874249	1.0922287	2.8187816	1.145615
494	474243.71, 3848055.61	133.195	52.4889	2.3098149	0.9102448	3.1525152	1.2423336	3.3066048	1.3030568
495	474243.71, 3848080.61	163.27	66.4967	2.8313704	1.1531629	3.8643523	1.5738765	4.0532352	1.650805
496	474243.71, 3848105.61	193.765	78.3101	3.3602118	1.3580272	4.5861332	1.8534825	4.8102955	1.9440776
497	474268.71, 3847755.61	18.1658	9.18871	0.3150247	0.1593475	0.4299566	0.217483	0.4509721	0.2281132
498	474268.71, 3847780.61	20.3663	10.2089	0.3531847	0.1770386	0.4820386	0.2416284	0.5055999	0.2534388
499	474268.71, 3847805.61	24.7347	11.7367	0.42894	0.2035334	0.5854321	0.2777894	0.614047	0.2913673

500	474268.71, 3847830.61	32.2609	14.0082	0.5594572	0.2429257	0.7635665	0.3315533	0.8008883	0.3477591
501	474268.71, 3847855.61	39.2621	16.2762	0.6808696	0.2822569	0.9292744	0.385234	0.9746957	0.4040636
502	474268.71, 3847880.61	45.598	19.1375	0.7907453	0.3318759	1.0792366	0.4529557	1.1319878	0.4750954
503	474268.71, 3847905.61	51.8443	22.5692	0.8990664	0.3913871	1.2270769	0.5341787	1.2870543	0.5602884
504	474268.71, 3847930.61	60.1829	26.2285	1.0436707	0.4548456	1.4244379	0.6207891	1.494062	0.6511322
505	474268.71, 3847955.61	67.4285	28.9894	1.1693229	0.5027241	1.5959323	0.6861352	1.6739387	0.7196723
506	474268.71, 3847980.61	77.3074	31.227	1.3406396	0.5415276	1.8297513	0.7390956	1.9191864	0.7752213
507	474268.71, 3848005.61	86.5721	33.9665	1.5013044	0.5890347	2.0490321	0.803935	2.1491853	0.84323
508	474268.71, 3848030.61	97.3186	39.1656	1.6876657	0.679196	2.3033845	0.9269901	2.41597	0.9722998
509	474268.71, 3848055.61	114.568	46.3236	1.9867995	0.8033281	2.7116527	1.09641	2.8441936	1.1500006
510	474268.71, 3848080.61	141.722	55.9169	2.4576947	0.9696915	3.3543467	1.3234685	3.5183014	1.3881574
511	474268.71, 3848105.61	165.977	66.9892	2.8783168	1.1617049	3.9284262	1.5855349	4.120441	1.6630332
512	474293.71, 3847780.61	20.6508	9.91388	0.3581185	0.1719232	0.4887725	0.2346467	0.5126629	0.2461158
513	474293.71, 3847805.61	24.169	11.4334	0.4191312	0.1982749	0.5720447	0.2706124	0.6000053	0.2838395
514	474293.71, 3847830.61	30.4751	13.2715	0.5284889	0.2301494	0.7213	0.3141158	0.7565559	0.3294693
515	474293.71, 3847855.61	36.4148	15.1167	0.631493	0.2621489	0.8618835	0.3577899	0.9040109	0.375278
516	474293.71, 3847880.61	41.0434	16.8002	0.7117608	0.2913434	0.9714358	0.3976356	1.0189179	0.4170713
517	474293.71, 3847905.61	47.2728	19.9693	0.8197885	0.3463014	1.1188756	0.4726441	1.1735644	0.4957462
518	474293.71, 3847930.61	54.1717	23.0646	0.9394265	0.3999777	1.2821618	0.5459033	1.3448317	0.5725862
519	474293.71, 3847955.61	60.1694	25.1384	1.0434373	0.4359408	1.4241193	0.5949871	1.4937278	0.624069
520	474293.71, 3847980.61	68.6426	27.0347	1.1903772	0.4688268	1.624668	0.6398711	1.704079	0.6711469
521	474293.71, 3848005.61	78.8177	29.9266	1.3668292	0.5189765	1.8654957	0.7083171	1.9566779	0.7429384
522	474293.71, 3848030.61	89.8421	34.3218	1.5580111	0.5951976	2.1264274	0.8123463	2.2303636	0.8520524
523	474293.71, 3848055.61	101.389	39.9268	1.7582581	0.6923971	2.3997314	0.9450075	2.5170262	0.9911979
524	474293.71, 3848080.61	115.434	46.7279	2.00182	0.8103397	2.7321531	1.1059796	2.8656961	1.160038
525	474293.71, 3848105.61	144.913	57.0588	2.5130349	0.989494	3.4298769	1.3504956	3.5975234	1.4165055
526	474293.71, 3848130.61	169.099	68.2423	2.9324645	1.1834357	4.002329	1.6151939	4.197956	1.6941419
527	474318.71, 3847805.61	23.1719	10.7463	0.4018393	0.1863582	0.5484442	0.2543481	0.5752512	0.2667802
528	474318.71, 3847830.61	28.2476	12.3349	0.4898605	0.2139068	0.6685786	0.2919474	0.7012576	0.3062173
529	474318.71, 3847855.61	33.1924	13.8034	0.5756121	0.2393744	0.7856153	0.3267065	0.8240149	0.3426754
530	474318.71, 3847880.61	37.352	15.2785	0.647746	0.264955	0.8840661	0.3616197	0.9272778	0.379295
531	474318.71, 3847905.61	42.673	17.3977	0.740021	0.3017056	1.0100062	0.4117782	1.0593736	0.4319052
532	474318.71, 3847930.61	46.3717	18.9774	0.8041621	0.3290997	1.0975482	0.4491666	1.1511945	0.4711211
533	474318.71, 3847955.61	53.775	22.0238	0.9325471	0.3819297	1.2727725	0.5212708	1.3349834	0.5467497
534	474318.71, 3847980.61	61.7152	24.192	1.0702442	0.4195302	1.4607063	0.5725893	1.5321032	0.6005765
535	474318.71, 3848005.61	71.7371	27.0675	1.2440408	0.4693956	1.6979099	0.6406474	1.7809009	0.6719612
536	474318.71, 3848030.61	81.1949	29.2432	1.4080553	0.5071263	1.9217626	0.6921434	2.0156951	0.7259742
537	474318.71, 3848055.61	92.3405	33.125	1.6013374	0.5744433	2.1855606	0.7840201	2.2923871	0.8223416
538	474318.71, 3848080.61	107.418	40.346	1.8628002	0.6996674	2.5424141	0.9549303	2.666683	1.0016057
539	474318.71, 3848105.61	121.501	47.2029	2.1070263	0.8185765	2.8757424	1.1172214	3.0163038	1.1718293
540	474318.71, 3848130.61	146.019	58.4103	2.5322098	1.0129309	3.4560474	1.3824831	3.6249731	1.4500565
541	474318.71, 3848155.61	173.245	69.1613	3.0043546	1.1993723	4.100447	1.6369448	4.3008698	1.7169559
542	474343.71, 3847830.61	24.075	10.7091	0.4175009	0.1857134	0.5698197	0.2534681	0.5976715	0.2658572
543	474343.71, 3847855.61	27.2243	11.607	0.4721152	0.2012838	0.6443591	0.2747191	0.6758543	0.2881469
544	474343.71, 3847880.61	30.8812	12.7718	0.5355312	0.2214841	0.7309115	0.3022891	0.7666372	0.3170645
545	474343.71, 3847905.61	35.5525	14.2923	0.61654	0.247853	0.8414751	0.3382783	0.882605	0.3548127
546	474343.71, 3847930.61	41.595	16.9666	0.7213261	0.2942298	0.9844909	0.4015749	1.0326111	0.4212032
547	474343.71, 3847955.61	47.5257	19.1646	0.8241738	0.3323453	1.1248609	0.4535964	1.1798422	0.4757674
548	474343.71, 3847980.61	53.8396	20.7218	0.9336689	0.3593512	1.2743036	0.4904549	1.3365894	0.5144275
549	474343.71, 3848005.61	63.4632	23.4873	1.1005566	0.4073092	1.5020777	0.5559097	1.5754967	0.5830816
550	474343.71, 3848030.61	73.2472	26.3551	1.2702278	0.4570406	1.7336508	0.6237848	1.8183887	0.6542743
551	474343.71, 3848055.61	82.5621	29.4601	1.4317636	0.5108871	1.9541205	0.6972764	2.0496346	0.7313581
552	474343.71, 3848080.61	98.6283	33.7941	1.7103788	0.5860454	2.3343841	0.799855	2.4484848	0.8389506
553	474343.71, 3848105.61	111.677	41.0025	1.9366721	0.7110522	2.643237	0.9704687	2.7724339	1.0179035
554	474343.71, 3848130.61	125.22	48.9037	2.1715248	0.848071	2.9637722	1.1574766	3.1086363	1.2140521
555	474343.71, 3848155.61	149.158	59.4098	2.5866433	1.0302653	3.5303402	1.4061417	3.7028972	1.4748715

556	474343.71, 3848180.61	178.084	69.6565	3.0882679	1.2079594	4.2149748	1.6486648	4.4209956	1.7292487
557	474368.71, 3847855.61	23.6602	10.2956	0.4103069	0.1785428	0.560001	0.2436814	0.5873729	0.2555922
558	474368.71, 3847880.61	27.2496	11.4009	0.4725529	0.1977111	0.6449565	0.2698429	0.6764809	0.2830324
559	474368.71, 3847905.61	31.5559	12.8091	0.5472313	0.2221316	0.7468802	0.3031729	0.7833864	0.3179915
560	474368.71, 3847930.61	36.6442	14.78	0.6354721	0.25631	0.8673143	0.3498207	0.9097071	0.3669193
561	474368.71, 3847955.61	40.183	15.8086	0.6968402	0.2741471	0.9510716	0.3741654	0.9975584	0.392454
562	474368.71, 3847980.61	47.7362	18.4036	0.8278255	0.3191492	1.1298448	0.4355859	1.1850697	0.4568766
563	474368.71, 3848005.61	56.8309	20.8431	0.9855416	0.3614547	1.3451013	0.4933259	1.4108476	0.5174388
564	474368.71, 3848030.61	65.754	23.4725	1.1402829	0.4070513	1.5562975	0.5555577	1.6323666	0.5827124
565	474368.71, 3848055.61	74.4864	26.2874	1.2917174	0.4558676	1.7629805	0.6221838	1.849152	0.6525951
566	474368.71, 3848080.61	86.1862	28.3276	1.4946112	0.4912479	2.039897	0.6704721	2.1396037	0.7032436
567	474368.71, 3848105.61	102.931	35.3987	1.7850029	0.613872	2.4362337	0.8378337	2.5553126	0.8787856
568	474368.71, 3848130.61	114.862	43.0937	1.9918936	0.7473163	2.7186053	1.0199631	2.8514861	1.0698171
569	474368.71, 3848155.61	130.777	51.1012	2.2678895	0.8861796	3.095294	1.2094886	3.2465867	1.2686063
570	474368.71, 3848180.61	151.949	60.5752	2.6350515	1.0504744	3.5964094	1.4337238	3.7721958	1.5038017
571	474368.71, 3848205.61	182.115	70.3835	3.1581692	1.2205666	4.3103785	1.6658715	4.5210625	1.7472965
572	474393.71, 3847880.61	25.4221	10.5625	0.4408617	0.1831705	0.6017033	0.2499974	0.6311135	0.2622168
573	474393.71, 3847905.61	29.1894	11.7911	0.5061929	0.2044776	0.6908696	0.2790781	0.7246381	0.292719
574	474393.71, 3847930.61	32.9811	13.1189	0.5719477	0.227503	0.7806139	0.310504	0.818769	0.3256809
575	474393.71, 3847955.61	33.0573	13.1384	0.5732677	0.2278412	0.7824156	0.3109655	0.8206587	0.326165
576	474393.71, 3847980.61	38.4582	14.6274	0.6669292	0.2536634	0.910248	0.3462086	0.9547393	0.3631307
577	474393.71, 3848005.61	50.3321	18.3569	0.8728429	0.3183395	1.1912861	0.4344808	1.2495141	0.4557175
578	474393.71, 3848030.61	60.8492	21.7969	1.0552265	0.377994	1.4402096	0.5158993	1.5106046	0.5411155
579	474393.71, 3848055.61	68.8095	24.261	1.1932714	0.4207263	1.628618	0.5742218	1.7082221	0.6022887
580	474393.71, 3848080.61	78.7584	27.8362	1.3658011	0.4827251	1.8640926	0.65884	1.9552063	0.6910429
581	474393.71, 3848105.61	93.1006	31.1506	1.61452	0.5402024	2.2035527	0.7372868	2.3112586	0.7733242
582	474393.71, 3848130.61	105.101	37.8644	1.8226302	0.6566315	2.4875886	0.8961934	2.6091777	0.9399978
583	474393.71, 3848155.61	119.286	44.4989	2.0686187	0.7716843	2.8233223	1.0532213	2.9613215	1.104701
584	474393.71, 3848180.61	133.908	51.9886	2.3221811	0.9015681	3.169393	1.2304913	3.3243075	1.2906356
585	474393.71, 3848205.61	155.681	61.2076	2.6997701	1.0614413	3.6847396	1.4486917	3.8648434	1.5195013
586	474393.71, 3848230.61	185.195	71.1075	3.211585	1.2331222	4.3832823	1.6830078	4.5975296	1.7652703
587	474418.71, 3847905.61	27.6113	10.9917	0.4788262	0.1906145	0.6535186	0.2601573	0.6854615	0.2728734
588	474418.71, 3847930.61	28.7567	11.5562	0.4986883	0.2004043	0.6806271	0.2735186	0.7138949	0.2868878
589	474418.71, 3847955.61	27.4561	11.367	0.4761344	0.1971234	0.6498448	0.2690408	0.6816081	0.2821911
590	474418.71, 3847980.61	30.1355	12.3738	0.5225997	0.2145826	0.7132621	0.2928698	0.7481252	0.3071848
591	474418.71, 3848005.61	41.9411	15.4125	0.7273288	0.2672782	0.9926835	0.3647905	1.0412041	0.3826209
592	474418.71, 3848030.61	54.2386	19.3198	0.9405881	0.3350369	1.2837471	0.45727	1.3464945	0.4796206
593	474418.71, 3848055.61	63.3128	22.3047	1.0979487	0.3867999	1.4985184	0.5279179	1.5717634	0.5537216
594	474418.71, 3848080.61	69.7935	24.373	1.2103352	0.4226678	1.6519073	0.5768717	1.7326498	0.6050682
595	474418.71, 3848105.61	83.215	27.0064	1.4430858	0.4683354	1.9695734	0.6392003	2.0658428	0.6704433
596	474418.71, 3848130.61	96.9656	32.8609	1.6815455	0.5698625	2.2950314	0.777768	2.4072086	0.815784
597	474418.71, 3848155.61	108.53	39.1877	1.8820855	0.679579	2.5687354	0.927513	2.6942908	0.9728482
598	474418.71, 3848180.61	120.861	45.633	2.0959301	0.7913516	2.8605978	1.080064	3.000419	1.1328557
599	474418.71, 3848205.61	135.187	53.7354	2.3443675	0.931861	3.1996737	1.2718362	3.3560683	1.3340014
600	474418.71, 3848230.61	159.279	61.8292	2.7621543	1.0722214	3.7698837	1.4634048	3.9541492	1.5349335
601	474418.71, 3848255.61	187.567	72.5634	3.2527179	1.2583704	4.4394218	1.7174674	4.6564132	1.8014143
602	474443.71, 3847905.61	25.5747	10.3899	0.4435082	0.1801775	0.6053153	0.2459124	0.6349021	0.2579322
603	474443.71, 3847930.61	25.5373	10.3398	0.44286	0.179309	0.6044306	0.2447271	0.6339741	0.2566889
604	474443.71, 3847955.61	22.5012	9.8396	0.3902075	0.170635	0.5325687	0.2328886	0.5585998	0.2442718
605	474443.71, 3847980.61	25.7557	11.0482	0.4466474	0.1915949	0.6095998	0.2614953	0.639396	0.2742767
606	474443.71, 3848005.61	34.3417	13.3675	0.5955427	0.2318149	0.8128173	0.3163889	0.8525464	0.3318535
607	474443.71, 3848030.61	45.8181	16.305	0.7945628	0.282756	1.0844467	0.3859152	1.1374526	0.404778
608	474443.71, 3848055.61	56.5935	19.8391	0.9814258	0.3440435	1.3394838	0.4695625	1.4049555	0.4925139
609	474443.71, 3848080.61	64.2814	22.3713	1.1147469	0.3879559	1.5214451	0.5294956	1.5958108	0.5553765
610	474443.71, 3848105.61	74.626	25.1906	1.2941386	0.4368462	1.7662851	0.5962228	1.8526181	0.6253652
611	474443.71, 3848130.61	88.9793	29.0423	1.5430482	0.5036421	2.1060055	0.6873882	2.2089435	0.7209866

612	474443.71, 3848155.61	99.1944	34.9387	1.7201956	0.6058954	2.3477824	0.8269469	2.462538	0.8673667
613	474443.71, 3848180.61	111.272	40.8661	1.9296473	0.7086855	2.6336493	0.9672384	2.7623776	1.0145154
614	474443.71, 3848205.61	122.586	46.9109	2.1258497	0.8135136	2.9014331	1.1103114	3.0432502	1.1645816
615	474443.71, 3848230.61	137.971	54.6712	2.392644	0.9480887	3.2655633	1.2939842	3.4251785	1.357232
616	474443.71, 3848255.61	161.823	62.5034	2.8062871	1.0839133	3.8301177	1.4793623	4.0173273	1.551671
617	474443.71, 3848280.61	189.891	74.2495	3.2930191	1.2876102	4.4944262	1.7573749	4.7141061	1.8432724
618	474468.71, 3847930.61	24.0311	9.91398	0.4167387	0.1719249	0.5687794	0.2346491	0.5965804	0.2461183
619	474468.71, 3847955.61	22.5406	9.63198	0.3908922	0.1670346	0.5335032	0.2279745	0.5595799	0.2391175
620	474468.71, 3847980.61	25.903	10.5849	0.4492004	0.1835599	0.6130843	0.250529	0.6430508	0.2627744
621	474468.71, 3848005.61	32.0458	12.6029	0.555727	0.2185554	0.7584754	0.298292	0.7955483	0.312872
622	474468.71, 3848030.61	40.8218	14.9278	0.7079184	0.2588734	0.9661916	0.3533194	1.0134174	0.370589
623	474468.71, 3848055.61	50.9076	17.8419	0.8828219	0.3094077	1.2049059	0.4222903	1.2637997	0.4429312
624	474468.71, 3848080.61	60.6307	21.1446	1.0514365	0.3666832	1.4350369	0.5004619	1.505179	0.5249237
625	474468.71, 3848105.61	65.5104	22.7491	1.1360595	0.3945064	1.5505333	0.5384359	1.6263207	0.5647538
626	474468.71, 3848130.61	80.1839	25.4968	1.3905219	0.4421569	1.8978323	0.6034711	1.9905951	0.6329677
627	474468.71, 3848155.61	91.7828	30.8135	1.5916661	0.5343573	2.1723609	0.7293094	2.2785422	0.7649568
628	474468.71, 3848180.61	102.355	36.4682	1.7750037	0.6324194	2.4225864	0.8631479	2.5409983	0.9053371
629	474468.71, 3848205.61	113.155	41.9054	1.9623018	0.7267097	2.6782174	0.9918385	2.8091241	1.0403179
630	474468.71, 3848230.61	123.348	48.2988	2.1390671	0.8375815	2.9194728	1.1431602	3.0621716	1.199036
631	474468.71, 3848255.61	141.432	55.2113	2.4526648	0.9574563	3.3474816	1.3067695	3.5111008	1.3706421
632	474468.71, 3848280.61	164.142	62.8713	2.8464873	1.0902924	3.8849843	1.4880688	4.0748757	1.560803
633	474468.71, 3848305.61	192.099	76.1574	3.3313093	1.3206955	4.546686	1.8025308	4.7689203	1.8906355
634	474493.71, 3847955.61	24.4348	9.93219	0.4237408	0.1722407	0.5783361	0.2350801	0.6066041	0.2465704
635	474493.71, 3847980.61	26.6414	10.6688	0.4620064	0.1850149	0.6305623	0.2525147	0.6613831	0.2648572
636	474493.71, 3848005.61	29.3248	11.7267	0.508541	0.203361	0.6940743	0.2775541	0.7279995	0.2911205
637	474493.71, 3848030.61	35.2862	13.2874	0.6119209	0.2304261	0.8351708	0.3144936	0.8759925	0.3298655
638	474493.71, 3848055.61	43.3201	15.1602	0.7512421	0.2629029	1.0253212	0.358819	1.0754371	0.3763574
639	474493.71, 3848080.61	53.7472	18.6271	0.9320655	0.323024	1.2721152	0.4408744	1.334294	0.4624236
640	474493.71, 3848105.61	59.0505	20.3698	1.0240337	0.3532467	1.3976366	0.4821234	1.4659507	0.5056887
641	474493.71, 3848130.61	71.6544	23.317	1.2426058	0.4043554	1.6959513	0.5518782	1.7788466	0.5788531
642	474493.71, 3848155.61	84.0121	27.0731	1.4569101	0.4694921	1.9884412	0.640779	2.0856329	0.6720992
643	474493.71, 3848180.61	93.7228	32.3706	1.6253093	0.5613601	2.2182783	0.7661636	2.3267039	0.8036124
644	474493.71, 3848205.61	105.325	37.6721	1.8265076	0.6532976	2.4928807	0.8916431	2.6147284	0.9352251
645	474493.71, 3848230.61	114.174	42.7912	1.9799756	0.7420702	2.7023391	1.0128031	2.8344248	1.0623072
646	474493.71, 3848255.61	123.757	49.2975	2.1461446	0.8549008	2.9291324	1.1667982	3.0723034	1.2238293
647	474493.71, 3848280.61	144.382	56.1629	2.5038253	0.9739578	3.4173073	1.3292912	3.5843394	1.3942647
648	474493.71, 3848305.61	166.703	63.7833	2.890903	1.1061085	3.9456043	1.5096551	4.1384587	1.5834445
649	474518.71, 3847980.61	25.9589	10.3347	0.4501702	0.1792202	0.6144078	0.2446059	0.644439	0.2565618
650	474518.71, 3848005.61	28.0671	11.1437	0.4867307	0.1932503	0.6643069	0.2637547	0.6967771	0.2766466
651	474518.71, 3848030.61	32.124	12.3747	0.5570833	0.2145972	0.7603265	0.2928897	0.7974899	0.3072056
652	474518.71, 3848055.61	38.1593	13.8202	0.6617454	0.2396654	0.903173	0.3271037	0.9473185	0.3430919
653	474518.71, 3848080.61	46.7558	16.1758	0.8108237	0.2805158	1.1066402	0.3828577	1.1607309	0.4015711
654	474518.71, 3848105.61	54.0183	18.5769	0.9367667	0.322155	1.2785315	0.4396883	1.341024	0.4611796
655	474518.71, 3848130.61	62.4485	20.9902	1.0829605	0.3640055	1.478062	0.4968073	1.5503071	0.5210904
656	474518.71, 3848155.61	76.3493	24.1147	1.3240233	0.418189	1.8070728	0.5707588	1.8953995	0.5986565
657	474518.71, 3848180.61	86.5598	28.736	1.5010901	0.4983307	2.0487396	0.680139	2.1488785	0.713383
658	474518.71, 3848205.61	96.7794	33.7895	1.6783165	0.5859665	2.2906243	0.7997473	2.4025862	0.8388376
659	474518.71, 3848230.61	106.529	38.8269	1.8473863	0.6733222	2.5213766	0.9189734	2.6446172	0.9638912
660	474518.71, 3848255.61	114	43.872	1.9769441	0.7608129	2.6982016	1.0383838	2.8300851	1.0891382
661	474518.71, 3848280.61	127.263	50.2696	2.2069592	0.8717581	3.0121342	1.1898056	3.1593622	1.2479613
662	474518.71, 3848305.61	146.228	56.7657	2.5358281	0.9844118	3.4609858	1.3435593	3.6301529	1.4092302
663	474518.71, 3848330.61	168.532	64.9564	2.9226303	1.1264527	3.9889068	1.5374216	4.1838778	1.6125682
664	474543.71, 3848005.61	27.4919	10.8239	0.4767548	0.1877039	0.6506914	0.2561848	0.6824961	0.2687067
665	474543.71, 3848030.61	29.59	11.6122	0.5131402	0.201374	0.7003514	0.2748422	0.7345834	0.288276
666	474543.71, 3848055.61	34.9345	12.9872	0.6058225	0.2252193	0.8268475	0.3073871	0.8672624	0.3224116
667	474543.71, 3848080.61	41.3533	14.3484	0.717135	0.2488248	0.9787707	0.3396047	1.0266113	0.356204

668	474543.71, 3848105.61	49.1446	16.8532	0.8522489	0.2922622	1.1631788	0.3988895	1.220033	0.4183866
669	474543.71, 3848130.61	57.2169	19.7452	0.9922362	0.342415	1.3542383	0.4673398	1.4204312	0.4901825
670	474543.71, 3848155.61	69.6507	22.4591	1.2078593	0.3894778	1.6485282	0.5315728	1.7291054	0.5575551
671	474543.71, 3848180.61	79.696	25.489	1.3820609	0.4420211	1.8862844	0.6032857	1.9784828	0.6327733
672	474543.71, 3848205.61	88.8146	30.3481	1.5401934	0.5262857	2.1021092	0.7182929	2.2048567	0.7534018
673	474543.71, 3848230.61	99.3403	35.0993	1.7227261	0.6086802	2.3512361	0.8307478	2.4661605	0.8713534
674	474543.71, 3848255.61	106.63	39.6472	1.8491476	0.6875491	2.5237806	0.9383908	2.6471387	0.9842577
675	474543.71, 3848280.61	112.764	44.68	1.9555081	0.7748248	2.668945	1.0575077	2.7993985	1.1091969
676	474543.71, 3848305.61	129.735	50.8541	2.2498231	0.8818952	3.0706364	1.2036411	3.2207239	1.262473
677	474543.71, 3848330.61	148.162	57.1839	2.5693709	0.9916646	3.5067662	1.3534582	3.6781709	1.4196129
678	474543.71, 3848355.61	170.393	66.2973	2.9549029	1.1497051	4.0329536	1.5691573	4.2300775	1.645855
679	474568.71, 3848030.61	28.7067	11.2112	0.4978216	0.19442	0.6794441	0.2653511	0.7126542	0.278321
680	474568.71, 3848055.61	32.0872	12.1784	0.5564456	0.2111935	0.7594562	0.2882442	0.7965771	0.3023331
681	474568.71, 3848080.61	37.7509	13.4249	0.6546637	0.2328101	0.8935077	0.3177473	0.9371809	0.3332782
682	474568.71, 3848105.61	46.3496	15.8458	0.8037783	0.2747932	1.0970244	0.3750473	1.1506451	0.393379
683	474568.71, 3848130.61	53.2222	18.1519	0.922961	0.3147834	1.259689	0.4296273	1.3212605	0.4506268
684	474568.71, 3848155.61	61.4383	20.2432	1.0654416	0.3510511	1.4541516	0.4791267	1.525228	0.5025456
685	474568.71, 3848180.61	72.8802	22.8636	1.2638644	0.3964929	1.7249659	0.5411472	1.8092792	0.5675975
686	474568.71, 3848205.61	82.0391	27.0571	1.4226943	0.4692158	1.9417423	0.640402	2.0366514	0.6717037
687	474568.71, 3848230.61	91.6338	31.6883	1.5890817	0.5495284	2.1688336	0.7500153	2.2748425	0.7866748
688	474568.71, 3848255.61	100.868	36.0896	1.7492141	0.6258542	2.3873878	0.8541875	2.5040793	0.8959387
689	474568.71, 3848280.61	107.075	40.2775	1.8568531	0.6984783	2.5342972	0.9533074	2.6581694	0.9999034
690	474568.71, 3848305.61	114.154	45.2508	1.9796154	0.7847248	2.7018475	1.0710196	2.8339092	1.1233692
691	474568.71, 3848330.61	131.45	51.3085	2.2795684	0.8897739	3.1112338	1.2143941	3.2633056	1.2737517
692	474568.71, 3848355.61	149.865	57.6058	2.5989044	0.99898	3.5470746	1.3634425	3.7204495	1.4300853
693	474568.71, 3848380.61	172.293	67.5944	2.987849	1.172199	4.0779195	1.5998577	4.2772413	1.678056
694	474593.71, 3848055.61	29.5119	11.43	0.5117858	0.1982152	0.6985029	0.270531	0.7326446	0.2837541
695	474593.71, 3848080.61	34.6822	12.6655	0.601447	0.2196412	0.8208757	0.2997739	0.8609987	0.3144263
696	474593.71, 3848105.61	42.1244	14.4454	0.7305072	0.250508	0.9970214	0.3419019	1.0457541	0.3586135
697	474593.71, 3848130.61	47.0359	16.0991	0.8156807	0.2791855	1.1132693	0.381042	1.167684	0.3996667
698	474593.71, 3848155.61	53.5583	18.1516	0.9287893	0.3147781	1.2676438	0.42962	1.329604	0.4506191
699	474593.71, 3848180.61	64.6652	20.0647	1.1214028	0.347956	1.5305293	0.4749023	1.605339	0.4981148
700	474593.71, 3848205.61	74.3642	23.7973	1.2895981	0.4126841	1.760088	0.5632455	1.8461181	0.590776
701	474593.71, 3848230.61	83.3443	28.3525	1.4453288	0.4916792	1.9726347	0.6710607	2.0690537	0.703861
702	474593.71, 3848255.61	93.6099	32.5929	1.6233514	0.5652151	2.2156061	0.7714251	2.3239011	0.8091311
703	474593.71, 3848280.61	102.274	36.7169	1.7735966	0.6367328	2.420666	0.869035	2.538984	0.9115119
704	474593.71, 3848305.61	107.037	40.555	1.8562002	0.7032905	2.5334061	0.9598751	2.6572347	1.0067922
705	474593.71, 3848330.61	116.259	45.5964	2.0161284	0.7907176	2.7516818	1.0791987	2.8861793	1.1319481
706	474593.71, 3848355.61	132.649	51.754	2.3003534	0.8975001	3.1396019	1.2249392	3.2930603	1.2848121
707	474593.71, 3848380.61	151.522	58.2247	2.6276508	1.0097123	3.5863087	1.3780902	3.7616013	1.4454489
708	474593.71, 3848405.61	174.24	69.0127	3.0216087	1.1967957	4.123996	1.6334282	4.3255699	1.7132673
709	474618.71, 3848055.61	28.6517	11.0494	0.4968678	0.1916155	0.6781423	0.2615235	0.7112888	0.2743063
710	474618.71, 3848080.61	31.5297	11.8721	0.5467769	0.2058811	0.74626	0.2809936	0.782736	0.2947281
711	474618.71, 3848105.61	36.2124	12.8016	0.6279824	0.2220002	0.8570921	0.3029935	0.8989853	0.3178033
712	474618.71, 3848130.61	41.9872	14.3778	0.7281274	0.2493355	0.9937734	0.3403017	1.0423474	0.3569351
713	474618.71, 3848155.61	47.7993	16.3692	0.8289201	0.2838685	1.1313388	0.3874335	1.1866367	0.4063706
714	474618.71, 3848180.61	57.4303	18.2654	0.9959366	0.3167529	1.3592887	0.4323154	1.4257284	0.4534462
715	474618.71, 3848205.61	67.6216	21.0432	1.1726705	0.3649246	1.6005012	0.4980617	1.678731	0.5224061
716	474618.71, 3848230.61	76.3875	25.1469	1.3246868	0.4360882	1.8079784	0.5951883	1.8963493	0.6242801
717	474618.71, 3848255.61	85.7228	29.2041	1.4865756	0.506447	2.0289298	0.6912163	2.1281004	0.7250018
718	474618.71, 3848280.61	96.5318	33.3427	1.674022	0.5782179	2.2847631	0.7891718	2.3964384	0.8277451
719	474618.71, 3848305.61	102.41	37.1069	1.7759606	0.643495	2.4238924	0.8782643	2.5423682	0.9211923
720	474618.71, 3848330.61	106.582	40.764	1.8483165	0.7069147	2.5226462	0.9648216	2.6459488	1.0119805
721	474618.71, 3848355.61	118.594	46.2683	2.0566115	0.8023686	2.8069345	1.0951004	2.9441327	1.148627
722	474618.71, 3848380.61	134.546	52.0583	2.3332584	0.9027779	3.1845117	1.2321424	3.3401652	1.2923675
723	474618.71, 3848405.61	153.13	58.8909	2.6555265	1.0212669	3.6243544	1.3938603	3.8015066	1.4619898

724	474618.71, 3848430.61	176.293	70.5435	3.057217	1.2233416	4.1725954	1.669659	4.3765448	1.751269
725	474643.71, 3848080.61	29.9624	11.3281	0.5195977	0.1964486	0.7091649	0.2681199	0.7438277	0.2812251
726	474643.71, 3848105.61	33.0976	12.0381	0.5739669	0.2087602	0.7833699	0.2849231	0.8216597	0.2988496
727	474643.71, 3848130.61	37.3857	12.8793	0.6483297	0.2233492	0.8848628	0.3048347	0.9281134	0.3197345
728	474643.71, 3848155.61	42.2161	14.4596	0.7320969	0.2507539	0.9991911	0.3422375	1.0480299	0.3589655
729	474643.71, 3848180.61	49.812	16.3353	0.8638224	0.2832813	1.1789747	0.3866321	1.236601	0.40553
730	474643.71, 3848205.61	61.3312	18.8508	1.0635843	0.3269041	1.4516167	0.44617	1.5225692	0.467978
731	474643.71, 3848230.61	70.289	22.2579	1.218928	0.3859892	1.6636351	0.5268114	1.7449507	0.552561
732	474643.71, 3848255.61	77.9988	25.9537	1.3526291	0.4500802	1.846115	0.614285	1.9363499	0.6443102
733	474643.71, 3848280.61	89.2175	30.0161	1.5471799	0.5205289	2.1116446	0.7104359	2.2148581	0.7451608
734	474643.71, 3848305.61	97.3024	33.8624	1.6873856	0.58723	2.3030023	0.8014718	2.4155691	0.8406464
735	474643.71, 3848330.61	101.676	37.4818	1.7632348	0.6499959	2.4065238	0.8871369	2.5241506	0.9304986
736	474643.71, 3848355.61	104.511	41.0169	1.8123915	0.7113006	2.4736145	0.9708076	2.5945206	1.018259
737	474643.71, 3848380.61	120.247	46.7748	2.0852835	0.8111528	2.846067	1.1070894	2.9851779	1.1612021
738	474643.71, 3848405.61	136.224	52.6772	2.3623431	0.9135099	3.2242076	1.2467899	3.3818013	1.3077309
739	474643.71, 3848430.61	154.823	59.6348	2.6848956	1.0341659	3.6644384	1.4114654	3.8435499	1.4804554
740	474643.71, 3848455.61	178.128	71.9406	3.0890391	1.24757	4.2160274	1.7027267	4.4220996	1.7859531
741	474668.71, 3848105.61	32.7321	11.8906	0.5676287	0.2062028	0.7747193	0.2814327	0.8125863	0.2951886
742	474668.71, 3848130.61	35.2755	12.3512	0.611736	0.2141898	0.8349185	0.2923337	0.8757279	0.3066225
743	474668.71, 3848155.61	37.9539	13.0593	0.6581839	0.2264695	0.8983122	0.3090934	0.9422202	0.3242013
744	474668.71, 3848180.61	43.1218	14.4883	0.7478037	0.2512514	1.0206284	0.3429166	1.070515	0.3596778
745	474668.71, 3848205.61	54.4804	16.8071	0.9447802	0.2914626	1.2894687	0.3977982	1.3524958	0.4172419
746	474668.71, 3848230.61	63.731	19.663	1.1052021	0.3409898	1.508418	0.4653947	1.5821469	0.4881424
747	474668.71, 3848255.61	72.2015	23.1874	1.2520945	0.4021083	1.7089018	0.5488113	1.79243	0.5756362
748	474668.71, 3848280.61	81.1693	26.8878	1.4076112	0.4662792	1.9211564	0.6363939	2.0150593	0.6674998
749	474668.71, 3848305.61	90.2819	30.5843	1.5656376	0.5303832	2.1368364	0.7238853	2.2412813	0.7592675
750	474668.71, 3848330.61	96.5359	34.3279	1.6740933	0.5953027	2.2848604	0.8124897	2.3965404	0.8522028
751	474668.71, 3848355.61	101.402	37.9477	1.7584755	0.6580768	2.4000282	0.8981659	2.5173375	0.9420667
752	474668.71, 3848380.61	106.816	41.7544	1.8523746	0.7240911	2.5281849	0.9882646	2.6517582	1.0365693
753	474668.71, 3848405.61	121.659	47.4915	2.1097731	0.823582	2.8794912	1.1240531	3.0202358	1.1789949
754	474668.71, 3848430.61	137.876	53.3716	2.3910073	0.925552	3.2633295	1.2632253	3.4228355	1.3249696
755	474668.71, 3848455.61	156.599	60.514	2.715684	1.0494136	3.7064594	1.432276	3.8876249	1.5022832
756	474668.71, 3848480.61	180.112	73.0137	3.1234432	1.2661787	4.2629833	1.7281244	4.4713507	1.8125922
757	474693.71, 3848130.61	35.5998	12.3587	0.6173598	0.2143211	0.8425939	0.2925129	0.8837785	0.3068104
758	474693.71, 3848155.61	38.2086	12.9855	0.6626002	0.2251902	0.9043396	0.3073473	0.9485422	0.3223699
759	474693.71, 3848180.61	41.9252	14.2752	0.7270531	0.2475548	0.9923071	0.3378714	1.0408094	0.354386
760	474693.71, 3848205.61	50.2365	16.2863	0.8711843	0.2824312	1.1890225	0.3854718	1.2471398	0.4043131
761	474693.71, 3848230.61	58.7597	17.828	1.0189911	0.3091675	1.3907543	0.4219625	1.458732	0.4425873
762	474693.71, 3848255.61	65.9684	20.391	1.1440011	0.353613	1.5613722	0.4826232	1.6376895	0.506213
763	474693.71, 3848280.61	72.9022	23.7047	1.2642447	0.4110789	1.7254849	0.5610547	1.8098237	0.5884781
764	474693.71, 3848305.61	83.1017	27.6794	1.4411217	0.4800065	1.9668927	0.6551295	2.0630311	0.6871511
765	474693.71, 3848330.61	91.5272	31.2918	1.5872334	0.5426512	2.166311	0.7406291	2.2721966	0.7768298
766	474693.71, 3848355.61	96.8288	34.9488	1.6791728	0.6060707	2.2917931	0.8271862	2.403812	0.8676177
767	474693.71, 3848380.61	99.7334	38.2968	1.7295436	0.6641294	2.3605409	0.9064267	2.4759201	0.9507313
768	474693.71, 3848405.61	109.692	42.4674	1.9022331	0.7364561	2.5962335	1.0051407	2.7231329	1.0542702
769	474693.71, 3848430.61	123.456	48.1774	2.1409244	0.8354761	2.9220077	1.1402866	3.0648304	1.1960219
770	474693.71, 3848455.61	139.366	54.0242	2.4168374	0.9368688	3.2985832	1.2786709	3.4598124	1.3411702
771	474693.71, 3848480.61	158.372	61.4023	2.7464336	1.0648182	3.7484275	1.4533007	3.9316442	1.5243355
772	474718.71, 3848155.61	38.3107	12.9134	0.6643716	0.223939	0.9067573	0.3056396	0.9510781	0.3205788
773	474718.71, 3848180.61	39.6323	13.4459	0.6872904	0.2331734	0.9380376	0.3182431	0.9838873	0.3337983
774	474718.71, 3848205.61	43.8541	14.5848	0.7605022	0.2529245	1.0379597	0.3452001	1.0886934	0.3620729
775	474718.71, 3848230.61	52.0066	15.6088	0.9018816	0.2706817	1.2309192	0.3694357	1.2910845	0.3874931
776	474718.71, 3848255.61	58.1985	17.7214	1.009259	0.3073184	1.3774715	0.4194388	1.4448	0.4399402
777	474718.71, 3848280.61	65.4943	20.8438	1.1357808	0.3614667	1.5501529	0.4933422	1.6259217	0.517456
778	474718.71, 3848305.61	75.2674	24.534	1.3052626	0.4254605	1.7814675	0.5806833	1.8685426	0.6090661
779	474718.71, 3848330.61	84.8395	28.1279	1.4712584	0.4877837	2.0080243	0.6657441	2.1061731	0.6982845

780	474718.71, 3848355.61	91.6194	31.9364	1.5888321	0.5538306	2.168493	0.7558872	2.2744852	0.7928337
781	474718.71, 3848380.61	96.2876	35.3769	1.6697873	0.6134934	2.2789835	0.837317	2.3903763	0.8782437
782	474718.71, 3848405.61	97.1994	38.3831	1.6855996	0.6656273	2.3005646	0.9084712	2.4130123	0.9528757
783	474718.71, 3848430.61	110.899	43.1379	1.9231747	0.7480829	2.6248153	1.0210095	2.7531118	1.0709147
784	474718.71, 3848455.61	125.097	48.7263	2.1693925	0.8449946	2.9608619	1.1532778	3.1055838	1.2096481
785	474718.71, 3848480.61	140.802	54.6824	2.4417407	0.9482834	3.3325721	1.29425	3.4954626	1.3575107
786	474718.71, 3848505.61	160.307	62.2097	2.7799829	1.0788204	3.7942168	1.4724113	3.9796717	1.5443803
787	474743.71, 3848180.61	37.3971	12.6456	0.6485272	0.2192952	0.8851324	0.2993017	0.9283961	0.3139311
788	474743.71, 3848205.61	38.3893	13.017	0.6657335	0.225737	0.908616	0.3080936	0.9530276	0.3231527
789	474743.71, 3848230.61	43.6923	13.4541	0.7576963	0.2333158	1.0341301	0.3184374	1.0846766	0.3340021
790	474743.71, 3848255.61	51.922	15.5819	0.900414	0.2702161	1.2289162	0.3688002	1.2889835	0.3868266
791	474743.71, 3848280.61	59.6604	18.333	1.0346101	0.3179244	1.4120716	0.4339142	1.4810912	0.4551232
792	474743.71, 3848305.61	68.3813	21.6753	1.1858451	0.3758865	1.6184824	0.5130228	1.6975911	0.5380985
793	474743.71, 3848330.61	77.8737	25.3407	1.35046	0.4394495	1.8431545	0.5997759	1.9332448	0.629092
794	474743.71, 3848355.61	86.6339	29.1222	1.5023754	0.5050274	2.0504939	0.6892788	2.1507186	0.7229696
795	474743.71, 3848380.61	92.1835	32.5987	1.5986159	0.565316	2.1818463	0.7715629	2.2884912	0.8092755
796	474743.71, 3848405.61	96.5887	35.7305	1.6750092	0.6196268	2.2861105	0.8456881	2.3978517	0.8870239
797	474743.71, 3848430.61	98.7517	38.5419	1.7125182	0.6683808	2.3373041	0.9122293	2.4515475	0.9568175
798	474743.71, 3848455.61	112.399	43.9878	1.9491811	0.7628209	2.6603098	1.0411244	2.7903412	1.0920128
799	474743.71, 3848480.61	126.472	49.23	2.1932283	0.8537299	2.9933938	1.1652001	3.1397057	1.2221531
800	474743.71, 3848505.61	142.156	55.226	2.4652291	0.9577098	3.3646299	1.3071155	3.5290873	1.3710051
801	474743.71, 3848530.61	162.526	63.1054	2.8184648	1.094353	3.8467382	1.4936107	4.0347602	1.5666159
802	474768.71, 3848205.61	33.1877	11.5654	0.5755298	0.2005634	0.7855029	0.2737359	0.8238969	0.2871157
803	474768.71, 3848230.61	38.8516	12.6588	0.6737521	0.2195245	0.9195601	0.2996146	0.9645066	0.3142592
804	474768.71, 3848255.61	46.3432	13.7892	0.8036678	0.2391275	1.0968736	0.3263695	1.150487	0.3423219
805	474768.71, 3848280.61	54.8321	16.5978	0.9508805	0.287834	1.2977946	0.3928458	1.3612286	0.4120474
806	474768.71, 3848305.61	61.9668	19.324	1.0746077	0.335111	1.4666618	0.4573711	1.5383497	0.4797266
807	474768.71, 3848330.61	71.5702	22.839	1.2411458	0.3960654	1.6939587	0.5405637	1.7767565	0.5669856
808	474768.71, 3848355.61	81.5895	26.5144	1.4148983	0.4598029	1.9311022	0.6275549	2.0254912	0.6582288
809	474768.71, 3848380.61	87.9782	29.7754	1.525688	0.5163555	2.0823117	0.7047398	2.1840916	0.7391863
810	474768.71, 3848405.61	92.5454	32.8578	1.6048914	0.5698084	2.1904112	0.7776942	2.2974748	0.8157066
811	474768.71, 3848430.61	96.3605	35.9617	1.6710514	0.6236348	2.2807087	0.8511584	2.3921858	0.8927615
812	474768.71, 3848455.61	100.452	38.958	1.742011	0.6755962	2.3775569	0.922077	2.4937678	0.9671466
813	474768.71, 3848480.61	113.147	44.1938	1.9621612	0.7663933	2.6780254	1.0460001	2.8089227	1.0971268
814	474768.71, 3848505.61	127.449	49.5431	2.2101761	0.8591589	3.0165247	1.1726098	3.1639673	1.2299249
815	474768.71, 3848530.61	143.508	55.806	2.4886681	0.9677694	3.3966203	1.3208451	3.5626413	1.3854058
816	474768.71, 3848555.61	164.807	64.0884	2.8580296	1.1113991	3.9007376	1.5168759	4.091399	1.5910182
817	474793.71, 3848205.61	32.0905	11.2414	0.556502	0.1949449	0.7595331	0.2660676	0.7966578	0.2790725
818	474793.71, 3848230.61	33.7713	11.3971	0.585651	0.1976438	0.7993168	0.2697511	0.838386	0.2829361
819	474793.71, 3848255.61	40.9738	12.2682	0.7105539	0.2127515	0.9697885	0.2903706	1.0171901	0.3045634
820	474793.71, 3848280.61	49.5954	14.8213	0.8600664	0.2570255	1.1738483	0.3507973	1.231224	0.3679436
821	474793.71, 3848305.61	57.4177	17.6009	0.9957188	0.305228	1.3589914	0.4165857	1.4254166	0.4369478
822	474793.71, 3848330.61	66.8066	20.6106	1.1585379	0.3574223	1.5812126	0.4878223	1.6584996	0.5116662
823	474793.71, 3848355.61	75.2339	23.9254	1.3046803	0.4149062	1.7806727	0.5662784	1.867709	0.5939571
824	474793.71, 3848380.61	82.859	27.0388	1.4369136	0.4688983	1.9611493	0.6399686	2.057007	0.6712492
825	474793.71, 3848405.61	88.4586	30.1518	1.5340198	0.5228825	2.0936832	0.7136482	2.1960189	0.7485301
826	474793.71, 3848430.61	92.4623	33.1455	1.6034497	0.5747972	2.1884436	0.7845031	2.295411	0.8228483
827	474793.71, 3848455.61	95.7004	36.1554	1.6596043	0.6269939	2.2650853	0.855743	2.3757988	0.8975702
828	474793.71, 3848480.61	100.841	39.2155	1.7487429	0.6800615	2.3867447	0.9281714	2.5034047	0.9735389
829	474793.71, 3848505.61	113.731	44.2381	1.972287	0.7671617	2.6918454	1.0470488	2.8234183	1.0982268
830	474793.71, 3848530.61	128.438	49.939	2.2273322	0.8660257	3.03994	1.1819818	3.1885271	1.239755
831	474793.71, 3848555.61	144.878	56.4512	2.5124312	0.9789568	3.429053	1.3361141	3.5966593	1.4014211
832	474793.71, 3848580.61	167.147	65.0344	2.8986056	1.127805	3.9561172	1.5392673	4.1494854	1.614504
833	474818.71, 3848230.61	32.5543	11.2017	0.5645452	0.1942566	0.7705108	0.2651282	0.8081721	0.2780872
834	474818.71, 3848255.61	38.0049	12.1273	0.6590675	0.2103082	0.8995181	0.287036	0.943485	0.3010658
835	474818.71, 3848280.61	46.2063	13.7083	0.8012934	0.2377242	1.0936329	0.3244542	1.1470879	0.340313

836	474818.71, 3848305.61	55.2718	16.6889	0.958505	0.2894138	1.3082007	0.395002	1.3721433	0.414309
837	474818.71, 3848330.61	61.5129	19.1254	1.0667362	0.3316661	1.4559184	0.4526693	1.5270812	0.474795
838	474818.71, 3848355.61	69.2464	21.4512	1.2008481	0.372	1.638959	0.5077185	1.7190685	0.5325349
839	474818.71, 3848380.61	77.2298	24.4812	1.3392929	0.4245453	1.8279132	0.579434	1.9172585	0.6077558
840	474818.71, 3848405.61	83.5092	27.5394	1.448189	0.4775787	1.9765384	0.6518159	2.0731482	0.6836755
841	474818.71, 3848430.61	88.5197	30.4974	1.5350795	0.5288763	2.0951296	0.7218287	2.197536	0.7571105
842	474818.71, 3848455.61	92.0633	33.3862	1.5965311	0.5789719	2.1790008	0.7902009	2.2855067	0.8288245
843	474818.71, 3848480.61	93.3066	36.1146	1.6180918	0.6262865	2.2084277	0.8547775	2.3163718	0.8965576
844	474818.71, 3848505.61	100.926	39.438	1.7502291	0.6839207	2.3887731	0.9334386	2.5055323	0.9790635
845	474818.71, 3848530.61	114.42	44.4414	1.9842401	0.7706875	2.7081594	1.0518609	2.8405297	1.103274
846	474818.71, 3848555.61	128.951	50.1714	2.2362259	0.8700557	3.0520784	1.1874821	3.2012588	1.2455242
847	474818.71, 3848580.61	146.1	56.9455	2.5336212	0.9875304	3.4579738	1.3478156	3.6269937	1.4136945
848	474818.71, 3848605.61	169.718	66.0387	2.9431902	1.1452214	4.0169677	1.5630378	4.2133102	1.6394364
849	474843.71, 3848255.61	36.8282	12.1944	0.6386614	0.2114705	0.8716671	0.2886222	0.9142727	0.3027296
850	474843.71, 3848280.61	44.2602	13.3293	0.767545	0.2311521	1.0475719	0.3154843	1.0987754	0.3309047
851	474843.71, 3848305.61	51.7506	15.4703	0.8974413	0.2682799	1.2248589	0.3661576	1.2847279	0.3840548
852	474843.71, 3848330.61	57.5492	17.5842	0.9979992	0.3049386	1.3621038	0.4161907	1.4286811	0.4365334
853	474843.71, 3848355.61	63.7866	19.495	1.1061654	0.3380762	1.5097328	0.4614182	1.5835259	0.4839715
854	474843.71, 3848380.61	71.2449	22.0834	1.2355056	0.3829629	1.6862607	0.522681	1.7686823	0.5482287
855	474843.71, 3848405.61	78.5816	25.0024	1.3627362	0.4335837	1.8599094	0.5917701	1.9508187	0.6206948
856	474843.71, 3848430.61	84.3401	27.9347	1.4625969	0.4844335	1.9962029	0.6611715	2.0937739	0.6934885
857	474843.71, 3848455.61	88.4813	30.7168	1.5344121	0.5326799	2.0942186	0.7270199	2.1965805	0.7625554
858	474843.71, 3848480.61	92.1583	33.399	1.5981775	0.5791934	2.1812479	0.7905031	2.2878636	0.8291416
859	474843.71, 3848505.61	94.1654	36.1916	1.632984	0.6276224	2.228753	0.8566007	2.3376906	0.8984699
860	474843.71, 3848530.61	101.603	39.622	1.761969	0.6871105	2.4047962	0.9377922	2.5223386	0.9836299
861	474843.71, 3848555.61	114.35	44.2626	1.9830119	0.7675868	2.7064832	1.047629	2.8387715	1.0988353
862	474843.71, 3848580.61	129.619	50.4121	2.2478089	0.8742302	3.0678873	1.1931796	3.2178404	1.2515002
863	474843.71, 3848605.61	147.399	57.4577	2.5561471	0.9964123	3.488718	1.3599379	3.6592406	1.4264094
864	474843.71, 3848630.61	172.403	67.165	2.9897628	1.164752	4.0805316	1.5896937	4.279981	1.6673953
865	474868.71, 3848280.61	40.5894	12.8623	0.7038882	0.2230537	0.960691	0.3044314	1.0076479	0.3193115
866	474868.71, 3848305.61	47.206	13.9833	0.8186307	0.2424932	1.1172955	0.3309631	1.171907	0.34714
867	474868.71, 3848330.61	51.7491	15.5466	0.8974162	0.2696039	1.2248246	0.3679647	1.284692	0.3859502
868	474868.71, 3848355.61	57.9375	17.8769	1.0047326	0.3100147	1.3712938	0.4231187	1.4383203	0.4438001
869	474868.71, 3848380.61	65.8661	19.891	1.1422279	0.3449429	1.5589521	0.4707899	1.6351511	0.4938013
870	474868.71, 3848405.61	73.6074	22.8347	1.2764748	0.3959919	1.7421769	0.5404634	1.8273315	0.5668803
871	474868.71, 3848430.61	79.6303	25.6549	1.3809217	0.4448979	1.8847297	0.6072121	1.976852	0.6368916
872	474868.71, 3848455.61	84.9331	28.2332	1.4728807	0.4896108	2.0102385	0.6682378	2.1084955	0.7009001
873	474868.71, 3848480.61	88.4275	30.7181	1.5334803	0.532703	2.0929469	0.7270514	2.1952466	0.7625884
874	474868.71, 3848505.61	92.3928	33.4016	1.6022447	0.5792386	2.1867989	0.7905649	2.2936859	0.8292063
875	474868.71, 3848530.61	96.8501	36.2535	1.6795422	0.6286951	2.2922972	0.8580648	2.4043408	0.9000056
876	474868.71, 3848555.61	103.226	39.8858	1.790106	0.6916854	2.4431986	0.9440362	2.562618	0.9901791
877	474868.71, 3848580.61	114.208	44.03	1.9805574	0.7635529	2.7031332	1.0421234	2.8352577	1.0930606
878	474868.71, 3848605.61	130.158	50.6054	2.2571521	0.8775825	3.0806392	1.1977549	3.2312156	1.2562992
879	474868.71, 3848630.61	148.664	58.0303	2.5780885	1.0063416	3.5186643	1.3734898	3.6906506	1.4406236
880	474868.71, 3848655.61	176.185	67.9518	3.0553422	1.1783972	4.1700366	1.6083173	4.3738609	1.6869291
881	474893.71, 3848305.61	42.4911	12.5173	0.7368662	0.2170713	1.0057004	0.2962664	1.0548574	0.3107474
882	474893.71, 3848330.61	48.5889	14.4278	0.8426125	0.2502015	1.1500267	0.3414837	1.206238	0.3581748
883	474893.71, 3848355.61	54.5962	16.5972	0.9467889	0.2878224	1.2922103	0.3928299	1.3553713	0.4120308
884	474893.71, 3848380.61	61.59	18.8256	1.0680736	0.3264672	1.4577437	0.4455737	1.5289958	0.4673526
885	474893.71, 3848405.61	68.5304	20.9405	1.1884318	0.3631429	1.6220128	0.49563	1.7012941	0.5198556
886	474893.71, 3848430.61	75.1096	23.4396	1.3025249	0.4064808	1.777731	0.554779	1.8646235	0.5818957
887	474893.71, 3848455.61	80.2475	25.8064	1.3916258	0.447525	1.899339	0.6107976	1.9921755	0.6406524
888	474893.71, 3848480.61	84.9753	28.2915	1.4736136	0.4906224	2.0112387	0.6696184	2.1095447	0.7023482
889	474893.71, 3848505.61	88.3664	30.6902	1.5324205	0.5322183	2.0915005	0.7263899	2.1937295	0.7618946
890	474893.71, 3848530.61	93.3495	33.3048	1.6188361	0.5775612	2.2094435	0.7882754	2.3174373	0.826805
891	474893.71, 3848555.61	96.2574	36.4287	1.6692633	0.6317349	2.2782682	0.8622137	2.3896261	0.9043572

892	474893.71, 3848580.61	105.051	40.3687	1.8217549	0.7000604	2.4863941	0.9554666	2.6079248	1.0021682
893	474893.71, 3848605.61	115.554	44.3789	2.0039003	0.7696031	2.7349924	1.0503809	2.8686742	1.1017217
894	474893.71, 3848630.61	132.164	51.2194	2.2919407	0.8882287	3.1281198	1.2122853	3.281017	1.2715397
895	474893.71, 3848655.61	150.476	58.7972	2.6095068	1.0196409	3.561545	1.3916412	3.7356273	1.4596622
896	474918.71, 3848330.61	45.3829	13.3724	0.7870155	0.2319	1.074146	0.3165051	1.1266484	0.3319754
897	474918.71, 3848355.61	51.9665	15.6488	0.9011854	0.2713764	1.229969	0.3703839	1.2900877	0.3884876
898	474918.71, 3848380.61	57.9738	17.9959	1.0053621	0.3120794	1.372153	0.4259367	1.4392215	0.4467558
899	474918.71, 3848405.61	64.1275	19.4954	1.1120772	0.3380827	1.5178014	0.4614269	1.5919889	0.4839807
900	474918.71, 3848430.61	70.2509	21.377	1.2182669	0.3707124	1.6627328	0.5059611	1.7440044	0.5306916
901	474918.71, 3848455.61	75.5151	23.6686	1.3095575	0.4104524	1.7873293	0.5601996	1.8746909	0.5875812
902	474918.71, 3848480.61	80.9473	26.0669	1.4037603	0.4520438	1.9159006	0.6169649	2.0095466	0.6471211
903	474918.71, 3848505.61	85.0254	28.3109	1.4744824	0.4909578	2.0124245	0.6700761	2.1107884	0.7028283
904	474918.71, 3848530.61	88.0819	31.0943	1.5274867	0.539226	2.0847666	0.7359543	2.1866664	0.7719265
905	474918.71, 3848555.61	92.684	33.8001	1.607294	0.5861491	2.1936905	0.7999965	2.3009143	0.839099
906	474918.71, 3848580.61	98.4173	36.4046	1.7067195	0.6313165	2.3293898	0.8616426	2.4432464	0.9037582
907	474918.71, 3848605.61	107.295	40.0243	1.8606811	0.6940885	2.5395218	0.9473159	2.6636493	0.9936191
908	474918.71, 3848630.61	117.738	44.9221	2.0417735	0.7790243	2.786683	1.0632393	2.9228913	1.1152086
909	474918.71, 3848655.61	134.945	51.8284	2.3401715	0.8987907	3.1939469	1.2267006	3.3500616	1.2866596
910	474918.71, 3848680.61	152.813	59.5325	2.6500354	1.0323919	3.61686	1.4090441	3.7936459	1.4779158
911	474943.71, 3848330.61	42.2857	12.4097	0.7333035	0.2152055	1.000838	0.29372	1.0497572	0.3080765
912	474943.71, 3848355.61	49.109	14.6265	0.8516319	0.2536485	1.1623367	0.3461883	1.2191497	0.3631094
913	474943.71, 3848380.61	54.8284	16.7291	0.9508155	0.2901097	1.2977058	0.3959518	1.3611355	0.4153052
914	474943.71, 3848405.61	59.591	18.2247	1.0334078	0.3160471	1.4104306	0.4313521	1.4793701	0.4524358
915	474943.71, 3848430.61	65.2905	19.5781	1.1322459	0.3395161	1.5453283	0.4633833	1.6208613	0.4860327
916	474943.71, 3848455.61	71.5349	21.8533	1.2405335	0.3789721	1.693123	0.5172342	1.7758799	0.5425157
917	474943.71, 3848480.61	76.352	24.0207	1.32407	0.4165587	1.8071365	0.5685337	1.8954663	0.5963227
918	474943.71, 3848505.61	80.8205	26.8591	1.4015619	0.4657818	1.9129001	0.6357151	2.0063994	0.6667878
919	474943.71, 3848530.61	84.2597	28.8308	1.4612027	0.4999732	1.9942999	0.6823807	2.0917779	0.7157343
920	474943.71, 3848555.61	88.9782	30.8389	1.5430295	0.5347985	2.10598	0.7299115	2.2089167	0.7655883
921	474943.71, 3848580.61	95.4436	33.2658	1.6551515	0.576884	2.259008	0.7873512	2.3694244	0.8258356
922	474943.71, 3848605.61	100.965	36.2102	1.7509078	0.6279444	2.3896995	0.8570402	2.506504	0.8989309
923	474943.71, 3848630.61	109.04	40.5563	1.8909294	0.7033134	2.5808059	0.9599064	2.7069512	1.006825
924	474943.71, 3848655.61	120.568	45.5286	2.0908528	0.789542	2.8536682	1.0775942	2.9931506	1.1302652
925	474943.71, 3848680.61	136.647	52.0692	2.3696793	0.902966	3.2342203	1.2323992	3.3923035	1.2926368
926	474943.71, 3848705.61	155.522	60.6107	2.6970111	1.0510902	3.6809739	1.4345642	3.8608936	1.5046833
927	474968.71, 3848355.61	45.0695	13.2492	0.7815799	0.2297639	1.0667273	0.3135897	1.1188671	0.3289174
928	474968.71, 3848380.61	50.12	15.0018	0.8691635	0.2601562	1.1862644	0.3550701	1.2442469	0.3724254
929	474968.71, 3848405.61	54.13	16.6822	0.9387049	0.2892962	1.2811769	0.3948415	1.3437987	0.4141407
930	474968.71, 3848430.61	61.5879	18.797	1.0680373	0.3259716	1.4576943	0.4448973	1.5289439	0.4666431
931	474968.71, 3848455.61	68.3025	21.1118	1.1844793	0.3661134	1.6166183	0.4996842	1.6956359	0.5241079
932	474968.71, 3848480.61	72.327	22.3053	1.2542701	0.386811	1.7118713	0.527933	1.7955446	0.5537375
933	474968.71, 3848505.61	77.3526	24.725	1.3414229	0.4287733	1.8308204	0.5852047	1.9203078	0.6138085
934	474968.71, 3848530.61	81.2714	26.5101	1.4093806	0.4597284	1.9235713	0.6274532	2.0175922	0.658122
935	474968.71, 3848555.61	84.9472	28.4135	1.4731254	0.4927375	2.0105725	0.6725052	2.1088458	0.7053761
936	474968.71, 3848580.61	90.0553	30.7321	1.5617087	0.5329454	2.131474	0.7273823	2.2356568	0.7629355
937	474968.71, 3848605.61	95.6408	33.4305	1.6585707	0.579741	2.2636747	0.7912506	2.3743192	0.8299255
938	474968.71, 3848630.61	101.058	36.4093	1.7525213	0.631397	2.3919016	0.8617524	2.5088137	0.9038734
939	474968.71, 3848655.61	110.63	40.6563	1.91851	0.705048	2.6184487	0.9622739	2.746434	1.0093083
940	474968.71, 3848680.61	123.279	46.2815	2.1378631	0.8025985	2.9178295	1.0954142	3.060448	1.1489562
941	474968.71, 3848705.61	138.977	52.8122	2.410087	0.9158517	3.28937	1.2499861	3.4501488	1.3110833
942	474968.71, 3848730.61	158.74	61.8259	2.7528221	1.0721645	3.7571467	1.4633271	3.9407897	1.5348521
943	474993.71, 3848380.61	51.9282	15.8095	0.9005207	0.2741632	1.2290617	0.3741874	1.2891362	0.3924771
944	474993.71, 3848405.61	55.8832	17.3942	0.969107	0.3016437	1.3226707	0.4116937	1.3873206	0.4318166
945	474993.71, 3848430.61	58.7853	18.3781	1.019434	0.3187072	1.3913588	0.4349826	1.459366	0.4562438
946	474993.71, 3848455.61	63.0193	19.1356	1.092859	0.3318428	1.4915717	0.4529105	1.5644772	0.475048
947	474993.71, 3848480.61	68.5358	20.645	1.1885246	0.3580181	1.6221395	0.4886355	1.7014269	0.5125192

948	474993.71, 3848505.61	72.8852	22.6454	1.2639506	0.3927094	1.7250835	0.5359834	1.8094026	0.5621814
949	474993.71, 3848530.61	77.6609	24.6269	1.3467695	0.4270707	1.8381176	0.5828809	1.9279617	0.6113711
950	474993.71, 3848555.61	81.209	26.6272	1.4082983	0.4617591	1.9220942	0.6302247	2.0160429	0.6610291
951	474993.71, 3848580.61	85.1325	28.6998	1.476339	0.4977028	2.0149585	0.679282	2.1134462	0.7124841
952	474993.71, 3848605.61	90.0816	31.046	1.5621646	0.5383889	2.1320963	0.7348118	2.2363095	0.7707282
953	474993.71, 3848630.61	96.1285	33.6587	1.6670277	0.5836985	2.2752171	0.7966519	2.3864258	0.8355909
954	474993.71, 3848655.61	102.389	36.6333	1.7755907	0.6352827	2.4233876	0.8670558	2.5418387	0.909436
955	474993.71, 3848680.61	112.745	41.014	1.9551888	0.7112508	2.6685093	0.9707397	2.7989414	1.0181878
956	474993.71, 3848705.61	125.357	47.0803	2.1739062	0.8164514	2.9670223	1.1143211	3.1120453	1.1687872
957	474993.71, 3848730.61	140.239	53.8278	2.4319694	0.9334639	3.3192359	1.2740239	3.4814745	1.336296
958	474993.71, 3848755.61	162.64	63.3063	2.8204475	1.0978359	3.8494442	1.4983643	4.0375985	1.5716018
959	475018.71, 3848405.61	49.8007	14.9732	0.8636273	0.2596595	1.1787084	0.3543923	1.2363217	0.3717144
960	475018.71, 3848430.61	52.358	16.1277	0.9079748	0.2796815	1.2392354	0.381719	1.2998071	0.4003767
961	475018.71, 3848455.61	58.4836	17.5257	1.0142034	0.3039255	1.3842199	0.414808	1.4518782	0.4350831
962	475018.71, 3848480.61	64.4851	19.0967	1.1182796	0.331168	1.5262666	0.4519896	1.600868	0.474082
963	475018.71, 3848505.61	69.3871	21.1311	1.2032883	0.3664484	1.6422894	0.5001415	1.7225617	0.5245875
964	475018.71, 3848530.61	73.9077	23.1165	1.2816821	0.4008789	1.7492841	0.5471334	1.8347861	0.5738763
965	475018.71, 3848555.61	77.8964	25.0641	1.3508535	0.4346534	1.8436916	0.5932299	1.9338081	0.622226
966	475018.71, 3848580.61	80.7327	27.0036	1.4000386	0.468287	1.9108211	0.6391343	2.0042188	0.6703741
967	475018.71, 3848605.61	85.0746	29.0643	1.4753353	0.504024	2.0135886	0.6879094	2.1120093	0.7215332
968	475018.71, 3848630.61	90.7366	31.2396	1.5735241	0.5417473	2.1476001	0.7393955	2.2525711	0.7755359
969	475018.71, 3848655.61	97.035	33.7462	1.6827476	0.5852159	2.2966721	0.7987229	2.4089295	0.8377632
970	475018.71, 3848680.61	103.419	37.2988	1.7934571	0.6468225	2.4477723	0.8828058	2.5674152	0.9259558
971	475018.71, 3848705.61	114.582	42.6553	1.9870501	0.739714	2.7119947	1.0095873	2.8445524	1.0589342
972	475018.71, 3848730.61	126.434	47.9922	2.1925776	0.8322649	2.9925057	1.1359039	3.1387743	1.191425
973	475018.71, 3848755.61	142.537	55.2177	2.4718256	0.9575668	3.373633	1.3069202	3.5385304	1.3708003
974	475018.71, 3848780.61	167.628	64.7576	2.9069444	1.1230036	3.9674982	1.5327142	4.1614227	1.6076306
975	475043.71, 3848430.61	48.7989	14.7271	0.8462539	0.2553926	1.1549966	0.3485686	1.2114509	0.3656061
976	475043.71, 3848455.61	54.9623	16.6398	0.953137	0.2885625	1.3008743	0.3938401	1.3644589	0.4130903
977	475043.71, 3848480.61	60.4643	18.1604	1.0485515	0.3149322	1.4310994	0.4298304	1.5010491	0.4508398
978	475043.71, 3848505.61	66.0612	19.7565	1.1456108	0.3426109	1.5635692	0.4676072	1.6399938	0.4904631
979	475043.71, 3848530.61	70.0819	21.7218	1.215336	0.3766928	1.6587326	0.5141234	1.7398087	0.5392529
980	475043.71, 3848555.61	74.4783	23.6413	1.2915767	0.40998	1.7627886	0.5595549	1.8489507	0.5869049
981	475043.71, 3848580.61	77.6279	25.4982	1.3461969	0.4421803	1.8373361	0.603503	1.9271419	0.6330012
982	475043.71, 3848605.61	80.3925	27.2975	1.3941397	0.4733841	1.90277	0.6460909	1.9957742	0.6776708
983	475043.71, 3848630.61	86.3641	28.7769	1.4976965	0.4990398	2.0441079	0.6811068	2.1440204	0.7143982
984	475043.71, 3848655.61	91.2662	31.3118	1.5827082	0.5429987	2.1601349	0.7411034	2.2657186	0.7773273
985	475043.71, 3848680.61	95.5338	34.4317	1.6567155	0.5971036	2.2611426	0.8149477	2.3716634	0.854781
986	475043.71, 3848705.61	105.42	38.9108	1.8281543	0.6747782	2.4951282	0.9209606	2.6170859	0.9659756
987	475043.71, 3848730.61	115.528	43.3975	2.0034538	0.7525854	2.734383	1.0271545	2.8680349	1.0773601
988	475043.71, 3848755.61	127.477	48.8686	2.2106546	0.8474632	3.0171778	1.156647	3.1646523	1.213182
989	475043.71, 3848780.61	145.481	56.1798	2.5228756	0.9742515	3.4433078	1.3296922	3.6116109	1.3946853
990	475043.71, 3848805.61	173.541	65.9845	3.009487	1.1442817	4.1074519	1.5617552	4.3082172	1.6380911
991	475068.71, 3848455.61	50.8329	15.6334	0.8815272	0.2711099	1.2031388	0.3700201	1.2619462	0.3881061
992	475068.71, 3848480.61	57.4828	17.4032	0.9968475	0.3018004	1.360532	0.4119077	1.4270325	0.432041
993	475068.71, 3848505.61	62.5327	18.5607	1.0844203	0.3218741	1.4800544	0.4393049	1.5523969	0.4607774
994	475068.71, 3848530.61	67.1908	20.411	1.1652002	0.3539609	1.5903056	0.483098	1.668037	0.506711
995	475068.71, 3848555.61	71.0316	22.2784	1.2318058	0.3863449	1.6812111	0.5272968	1.7633858	0.5530702
996	475068.71, 3848580.61	74.7047	24.0113	1.2955032	0.4163966	1.7681476	0.5683124	1.8545717	0.5960906
997	475068.71, 3848605.61	77.5084	25.5547	1.3441248	0.4431603	1.8345079	0.6048405	1.9241756	0.6344041
998	475068.71, 3848630.61	82.4103	26.807	1.4291317	0.4648781	1.9505283	0.6344818	2.0458668	0.6654942
999	475068.71, 3848655.61	85.9443	29.3438	1.4904175	0.508871	2.0341733	0.6945247	2.1336002	0.7284719
1000	475068.71, 3848680.61	89.4977	32.0343	1.5520395	0.555528	2.1182772	0.7582039	2.221815	0.7952636
1001	475068.71, 3848705.61	96.7108	35.4593	1.6771265	0.6149238	2.2890002	0.8392692	2.4008826	0.8802913
1002	475068.71, 3848730.61	106.189	39.4953	1.841493	0.6849135	2.5133333	0.9347936	2.6361808	0.9804848
1003	475068.71, 3848755.61	116.113	43.9001	2.0136002	0.7613008	2.7482312	1.0390496	2.88256	1.0898366

1004	475068.71, 3848780.61	129.435	49.6995	2.2446217	0.8618722	3.0635373	1.1763129	3.2132777	1.2338091
1005	475068.71, 3848805.61	148.371	57.139	2.5730084	0.9908853	3.5117309	1.3523945	3.6833783	1.4184973
1006	475068.71, 3848830.61	179.567	67.8227	3.1139886	1.1761577	4.2500792	1.6052607	4.4578159	1.6837232
1007	475093.71, 3848480.61	54.3995	16.6795	0.9433783	0.2892501	1.2875554	0.3947785	1.3504889	0.4140746
1008	475093.71, 3848505.61	59.2304	18.0139	1.0271537	0.3123901	1.4018948	0.4263608	1.4704171	0.4472006
1009	475093.71, 3848530.61	64.2262	19.2826	1.113789	0.3343927	1.5201377	0.4563907	1.5944394	0.4786983
1010	475093.71, 3848555.61	67.8617	21.0034	1.1768348	0.3642332	1.6061848	0.4971181	1.6846923	0.5214163
1011	475093.71, 3848580.61	71.5018	22.5386	1.2399598	0.3908573	1.69234	0.5334556	1.7750587	0.55953
1012	475093.71, 3848605.61	74.6186	23.8806	1.29401	0.4141298	1.7661095	0.5652187	1.8524339	0.5928457
1013	475093.71, 3848630.61	77.4941	25.6034	1.3438768	0.4440061	1.8341695	0.6059948	1.9238206	0.6356148
1014	475093.71, 3848655.61	81.2727	27.7962	1.4094031	0.4820318	1.9236021	0.6578937	2.0176245	0.6900504
1015	475093.71, 3848680.61	85.4	30.0627	1.4809777	0.5213365	2.0212896	0.7115381	2.1200868	0.7463169
1016	475093.71, 3848705.61	89.5062	32.6835	1.5521862	0.5667864	2.1184774	0.7735697	2.222025	0.8113805
1017	475093.71, 3848730.61	98.8554	36.4141	1.7143173	0.6314812	2.3397594	0.8618674	2.4541229	0.903994
1018	475093.71, 3848755.61	107.123	40.0961	1.8576914	0.6953324	2.5354414	0.9490137	2.6593694	0.9953998
1019	475093.71, 3848780.61	117.325	44.6933	2.0346152	0.7750553	2.7769131	1.0578223	2.9126439	1.1095268
1020	475093.71, 3848805.61	131.814	50.6097	2.2858796	0.8776571	3.1198475	1.1978567	3.2723403	1.2564059
1021	475093.71, 3848830.61	151.289	58.1634	2.6236043	1.0086496	3.5807859	1.3766398	3.7558086	1.4439276
1022	475118.71, 3848480.61	50.6329	15.6405	0.8780585	0.2712323	1.1984046	0.3701872	1.2569806	0.3882813
1023	475118.71, 3848505.61	56.0316	17.1891	0.9716803	0.2980876	1.3261828	0.4068402	1.3910044	0.4267259
1024	475118.71, 3848530.61	61.0499	18.5256	1.0587072	0.3212642	1.4449601	0.4384725	1.5155873	0.4599043
1025	475118.71, 3848555.61	65.1547	19.8536	1.1298902	0.3442943	1.5421132	0.4699047	1.617489	0.4928729
1026	475118.71, 3848580.61	68.1657	21.3122	1.1821061	0.3695885	1.6133793	0.5044271	1.6922385	0.5290827
1027	475118.71, 3848605.61	71.7236	22.6035	1.2438072	0.3919819	1.6975911	0.5349905	1.7805665	0.5611399
1028	475118.71, 3848630.61	74.5356	24.4317	1.2925711	0.4236855	1.7641457	0.5782606	1.8503742	0.6065249
1029	475118.71, 3848655.61	76.9007	26.3073	1.3335868	0.4562118	1.8201253	0.6226537	1.9090899	0.6530879
1030	475118.71, 3848680.61	80.6361	28.2511	1.3983636	0.4899205	1.908535	0.6686605	2.0018209	0.7013435
1031	475118.71, 3848705.61	84.4213	30.3707	1.4640063	0.526679	1.9981264	0.7188297	2.0957914	0.7539648
1032	475118.71, 3848730.61	90.8512	33.7251	1.5755109	0.5848485	2.1503118	0.7982214	2.2554154	0.8372371
1033	475118.71, 3848755.61	98.8373	36.7936	1.714003	0.6380627	2.3393306	0.8708501	2.4536731	0.9134158
1034	475118.71, 3848780.61	107.616	40.6038	1.8662462	0.7041367	2.5471173	0.9610302	2.671616	1.0080037
1035	475118.71, 3848805.61	119.032	45.5234	2.0642174	0.7894515	2.8173153	1.0774707	2.9550208	1.1301356
1036	475118.71, 3848830.61	134.171	51.5379	2.3267527	0.8937524	3.1756325	1.2198242	3.330852	1.2794471
1037	475118.71, 3848855.61	152.264	59.2663	2.6405024	1.0277766	3.6038489	1.402745	3.7799989	1.4713088
1038	475143.71, 3848505.61	53.2799	16.5625	0.9239624	0.2872208	1.2610559	0.3920088	1.3226941	0.4111696
1039	475143.71, 3848530.61	57.9737	17.9597	1.0053609	0.3114506	1.3721513	0.4250785	1.4392197	0.4458556
1040	475143.71, 3848555.61	62.3122	18.8484	1.0805974	0.3268619	1.4748367	0.4461124	1.5469242	0.4679177
1041	475143.71, 3848580.61	65.6505	20.3287	1.1384887	0.3525328	1.5538487	0.4811489	1.6297982	0.5046667
1042	475143.71, 3848605.61	68.6623	21.7377	1.1907178	0.3769686	1.6251328	0.5144997	1.7045665	0.5396476
1043	475143.71, 3848630.61	71.8432	23.2636	1.2458808	0.4034293	1.7004211	0.5506143	1.7835348	0.5775274
1044	475143.71, 3848655.61	74.0608	24.8408	1.2843371	0.4307815	1.7529077	0.5879455	1.8385868	0.6166832
1045	475143.71, 3848680.61	76.8728	26.5628	1.3331021	0.4606428	1.8194638	0.6287012	1.9083961	0.659431
1046	475143.71, 3848705.61	81.1823	28.5105	1.4078368	0.4944197	1.9214644	0.6748011	2.0153823	0.7077842
1047	475143.71, 3848730.61	84.5019	30.7757	1.4654028	0.5337025	2.0000324	0.7284157	2.0977906	0.7640194
1048	475143.71, 3848755.61	92.5672	34.3128	1.6052692	0.5950409	2.1909269	0.8121323	2.2980157	0.851828
1049	475143.71, 3848780.61	99.7114	37.2202	1.7291607	0.6454598	2.3600183	0.8809459	2.4753719	0.924005
1050	475143.71, 3848805.61	108.652	41.3587	1.8842017	0.7172278	2.5716237	0.9788973	2.6973202	1.0267441
1051	475143.71, 3848830.61	120.903	46.2589	2.096665	0.8022054	2.8616009	1.0948777	3.0014711	1.1483934
1052	475143.71, 3848855.61	135.938	52.2005	2.3573949	0.9052437	3.217454	1.2355079	3.3747177	1.2958974
1053	475143.71, 3848880.61	154.208	61.6088	2.6742262	1.0683991	3.6498763	1.458188	3.8282761	1.5294617
1054	475168.71, 3848530.61	55.3845	17.3336	0.9604597	0.3005926	1.3108686	0.4102592	1.3749416	0.4303119
1055	475168.71, 3848555.61	59.1622	18.226	1.0259711	0.3160692	1.4002809	0.4313821	1.4687242	0.4524673
1056	475168.71, 3848580.61	62.9835	19.2904	1.0922381	0.3345275	1.4907244	0.4565746	1.5635884	0.4788912
1057	475168.71, 3848605.61	65.7293	20.6674	1.1398545	0.3584064	1.5557129	0.4891654	1.6317535	0.513075
1058	475168.71, 3848630.61	69.0135	21.9604	1.1968092	0.3808295	1.6334466	0.5197693	1.7132867	0.5451747
1059	475168.71, 3848655.61	71.8054	23.2711	1.2452253	0.4035587	1.6995265	0.5507909	1.7825964	0.5777126

1060	475168.71, 3848680.61	74.0745	24.8211	1.2845742	0.4304395	1.7532312	0.5874787	1.8389262	0.6161937
1061	475168.71, 3848705.61	77.3793	26.6618	1.3418853	0.4623607	1.8314514	0.6310458	1.9209696	0.6618903
1062	475168.71, 3848730.61	81.2565	28.7966	1.4091234	0.4993808	1.9232203	0.6815721	2.0172241	0.7148862
1063	475168.71, 3848755.61	86.1862	31.5874	1.4946114	0.5477775	2.0398973	0.7476257	2.139604	0.7841684
1064	475168.71, 3848780.61	92.8069	35.0012	1.6094257	0.606979	2.1965998	0.828426	2.3039659	0.868918
1065	475168.71, 3848805.61	100.218	38.2088	1.7379423	0.6626033	2.3720038	0.9043439	2.4879433	0.9485467
1066	475168.71, 3848830.61	110.301	42.0565	1.9128106	0.7293291	2.6106701	0.9954136	2.7382752	1.0440678
1067	475168.71, 3848855.61	122.678	46.9798	2.1274468	0.8147075	2.903613	1.111941	3.0455366	1.1662908
1068	475168.71, 3848880.61	137.443	53.8719	2.3834823	0.9342278	3.253059	1.2750664	3.412063	1.3373895
1069	475168.71, 3848905.61	156.888	63.7153	2.7207003	1.10493	3.7133058	1.5080466	3.8948059	1.5817574
1070	475193.71, 3848555.61	55.8984	17.257	0.9693716	0.2992653	1.3230319	0.4084476	1.3876994	0.4284118
1071	475193.71, 3848580.61	59.7385	18.0167	1.0359648	0.3124389	1.4139206	0.4264273	1.4830306	0.4472704
1072	475193.71, 3848605.61	63.0665	19.2523	1.093678	0.3338664	1.4926896	0.4556724	1.5656497	0.4779449
1073	475193.71, 3848630.61	66.0315	20.5309	1.1450966	0.3560401	1.5628674	0.4859359	1.6392577	0.5096876
1074	475193.71, 3848655.61	69.1141	21.9435	1.1985536	0.3805361	1.6358274	0.5193688	1.7157839	0.5447547
1075	475193.71, 3848680.61	71.5402	23.5283	1.2406254	0.4080206	1.6932484	0.5568806	1.7760115	0.5840999
1076	475193.71, 3848705.61	73.816	25.2939	1.2800922	0.438639	1.7471141	0.5986697	1.8325101	0.6279316
1077	475193.71, 3848730.61	76.9332	27.2978	1.3341488	0.4733889	1.8208924	0.6460976	1.9098945	0.6776777
1078	475193.71, 3848755.61	80.1528	29.6073	1.3899831	0.51344	1.8970969	0.7007607	1.9898238	0.7350127
1079	475193.71, 3848780.61	86.3538	33.4367	1.4975191	0.5798478	2.0438658	0.7913964	2.1437665	0.8300785
1080	475193.71, 3848805.61	93.1454	36.1079	1.6152965	0.6261716	2.2046125	0.8546206	2.3123702	0.896393
1081	475193.71, 3848830.61	101.532	38.8865	1.7607385	0.6743564	2.4031167	0.920385	2.520577	0.9653718
1082	475193.71, 3848855.61	111.763	42.7019	1.938153	0.7405216	2.6452583	1.0106895	2.774554	1.0600903
1083	475193.71, 3848880.61	124.073	47.6594	2.1516359	0.8264936	2.936627	1.1280271	3.0801643	1.1831631
1084	475193.71, 3848905.61	138.555	56.1179	2.4027709	0.9731777	3.2793848	1.3282266	3.4396755	1.3931481
1085	475218.71, 3848580.61	56.0836	16.8461	0.9725834	0.2921401	1.3274155	0.3987229	1.3922973	0.4182118
1086	475218.71, 3848605.61	59.8638	17.8463	1.0381379	0.309484	1.4168865	0.4223945	1.4861415	0.4430404
1087	475218.71, 3848630.61	62.88	19.3258	1.0904436	0.3351419	1.4882752	0.4574132	1.5610195	0.4797708
1088	475218.71, 3848655.61	66.4192	21.0045	1.1518198	0.3642528	1.5720434	0.4971448	1.6488822	0.5214444
1089	475218.71, 3848680.61	68.6378	22.6391	1.1902929	0.3925988	1.6245529	0.5358324	1.7039583	0.562023
1090	475218.71, 3848705.61	70.7362	24.287	1.2266829	0.4211775	1.6742192	0.5748376	1.7560521	0.6029347
1091	475218.71, 3848730.61	72.863	26.5875	1.2635648	0.4610715	1.7245569	0.6292863	1.8088503	0.6600447
1092	475218.71, 3848755.61	75.1935	29.4754	1.3039797	0.5111516	1.7797165	0.6976374	1.8667061	0.7317367
1093	475218.71, 3848780.61	79.8617	32.1531	1.3849351	0.5575884	1.8902073	0.7610159	1.9825974	0.7982131
1094	475218.71, 3848805.61	86.8504	34.487	1.5061308	0.5980619	2.0556193	0.8162556	2.1560945	0.8561528
1095	475218.71, 3848830.61	94.3122	37.0249	1.6355303	0.6420732	2.2322282	0.8763237	2.3413357	0.9191569
1096	475218.71, 3848855.61	102.901	39.5439	1.7844684	0.6857565	2.4355042	0.9359442	2.5545475	0.9816915
1097	475218.71, 3848880.61	113.316	43.4521	1.9650833	0.7535308	2.6820136	1.0284449	2.8131058	1.0787136
1098	475218.71, 3848905.61	125.399	49.9311	2.1746189	0.8658883	2.9679951	1.1817943	3.1130656	1.2395584
1099	475218.71, 3848930.61	141.518	59.2554	2.4541561	1.0275865	3.3495171	1.4024856	3.5132358	1.4710367
1100	475243.71, 3848605.61	57.1152	17.0901	0.9904724	0.2963702	1.351831	0.4044964	1.4179062	0.4242674
1101	475243.71, 3848630.61	60.2753	18.1469	1.0452743	0.3146967	1.4266265	0.429509	1.4963576	0.4505027
1102	475243.71, 3848655.61	63.6709	19.8835	1.104159	0.3448123	1.5069943	0.4706117	1.5806537	0.4936144
1103	475243.71, 3848680.61	66.0262	21.5732	1.1450041	0.3741148	1.5627412	0.5106048	1.6391254	0.5355623
1104	475243.71, 3848705.61	67.8715	23.4382	1.1770054	0.4064567	1.6064177	0.5547461	1.6849366	0.5818612
1105	475243.71, 3848730.61	69.8822	25.655	1.2118736	0.4449002	1.654007	0.6072152	1.734852	0.6368948
1106	475243.71, 3848755.61	71.107	28.0455	1.2331128	0.4863548	1.682995	0.6637938	1.7652569	0.6962389
1107	475243.71, 3848780.61	74.9382	30.8337	1.2995536	0.534707	1.7736756	0.7297865	1.8603699	0.7654573
1108	475243.71, 3848805.61	81.2655	33.1215	1.4092796	0.5743823	1.9234336	0.7839368	2.0174477	0.8222542
1109	475243.71, 3848830.61	88.1979	35.5242	1.529498	0.6160487	2.0875117	0.8408046	2.1895457	0.8819017
1110	475243.71, 3848855.61	95.5948	37.8642	1.6577723	0.6566277	2.262585	0.8961882	2.3731763	0.9399923
1111	475243.71, 3848880.61	104.323	40.7481	1.8091285	0.706639	2.4691611	0.9644453	2.5898494	1.0115857
1112	475243.71, 3848905.61	114.564	44.6825	1.9867341	0.7748682	2.7115634	1.0575669	2.8441	1.1092589
1113	475243.71, 3848930.61	127.383	52.6513	2.2090333	0.9130604	3.014965	1.2461764	3.1623313	1.3070874
1114	475243.71, 3848955.61	146.793	63.1671	2.5456369	1.0954222	3.4743732	1.4950701	3.6441947	1.5681466
1115	475268.71, 3848630.61	57.851	17.4348	1.0032321	0.3023476	1.3692458	0.4126544	1.4361722	0.4328243

1116	475268.71, 3848655.61	61.0344	18.9692	1.058438	0.3289566	1.4445928	0.4489714	1.515202	0.4709163
1117	475268.71, 3848680.61	63.7762	20.5437	1.1059857	0.3562614	1.5094876	0.4862379	1.5832688	0.5100044
1118	475268.71, 3848705.61	65.3177	22.4287	1.1327169	0.3889511	1.5459711	0.530854	1.6215356	0.5568012
1119	475268.71, 3848730.61	67.1461	24.5008	1.1644242	0.4248841	1.5892464	0.5798965	1.6669261	0.6082409
1120	475268.71, 3848755.61	68.0172	26.3402	1.1795305	0.4567829	1.609864	0.6234331	1.6885514	0.6539054
1121	475268.71, 3848780.61	71.8076	28.6179	1.2452625	0.4962813	1.6995774	0.6773419	1.7826498	0.7104492
1122	475268.71, 3848805.61	75.6489	31.0935	1.3118772	0.5392135	1.7904954	0.7359373	1.8780118	0.7719086
1123	475268.71, 3848830.61	82.446	33.7808	1.4297506	0.5858149	1.9513731	0.7995405	2.0467528	0.8386206
1124	475268.71, 3848855.61	89.2017	36.1638	1.5469064	0.6271399	2.1112713	0.8559423	2.2144666	0.8977793
1125	475268.71, 3848880.61	96.7019	38.8692	1.6769725	0.6740564	2.28879	0.9199755	2.4006622	0.9649423
1126	475268.71, 3848905.61	105.559	42.1341	1.8305744	0.7306756	2.4984312	0.9972513	2.6205502	1.0459952
1127	475268.71, 3848930.61	116.312	47.1478	2.0170521	0.8176209	2.7529424	1.1159173	2.8875015	1.1704615
1128	475268.71, 3848955.61	130.807	55.9538	2.2684089	0.9703325	3.0960029	1.3243433	3.2473302	1.389075
1129	475268.71, 3848980.61	157.251	69.2109	2.7269934	1.2002314	3.7218949	1.6381174	3.9038147	1.7181857
1130	475293.71, 3848630.61	56.1185	17.7069	0.9731881	0.3070673	1.3282408	0.419096	1.393163	0.4395807
1131	475293.71, 3848655.61	58.8044	18.2139	1.0197661	0.3158585	1.391812	0.4310945	1.4598414	0.4521657
1132	475293.71, 3848680.61	61.1948	19.3847	1.0612193	0.3361624	1.4483888	0.4588061	1.5191835	0.4812318
1133	475293.71, 3848705.61	63.3828	21.015	1.0991634	0.3644344	1.5001761	0.4973926	1.5735022	0.5217043
1134	475293.71, 3848730.61	64.7707	23.2809	1.123232	0.4037297	1.5330259	0.5510243	1.6079576	0.5779574
1135	475293.71, 3848755.61	66.8865	25.1428	1.1599239	0.4360173	1.5831042	0.5950915	1.6604836	0.6241785
1136	475293.71, 3848780.61	68.327	27.1558	1.184904	0.4709264	1.617198	0.6427366	1.6962438	0.6741525
1137	475293.71, 3848805.61	71.8298	29.4851	1.2456479	0.5113209	1.7001033	0.6978684	1.7832014	0.731979
1138	475293.71, 3848830.61	77.0835	31.8485	1.3367558	0.5523063	1.8244505	0.7538068	1.9136265	0.7906515
1139	475293.71, 3848855.61	83.5105	34.5037	1.448211	0.5983517	1.9765684	0.8166511	2.0731797	0.8565676
1140	475293.71, 3848880.61	89.988	36.8399	1.5605411	0.6388658	2.1298804	0.8719462	2.2339854	0.9145654
1141	475293.71, 3848905.61	97.5564	39.8079	1.6917904	0.6903357	2.3090141	0.9421941	2.4218747	0.9882469
1142	475293.71, 3848930.61	106.997	43.9726	1.8555027	0.7625573	2.5324542	1.0407646	2.6562362	1.0916354
1143	475293.71, 3848955.61	118.569	50.1423	2.0561868	0.8695509	2.8063548	1.1867931	2.9435247	1.2448015
1144	475293.71, 3848980.61	136.422	60.5048	2.3657825	1.0492535	3.2289017	1.4320575	3.386725	1.502054
1145	475318.71, 3848655.61	56.8208	18.0164	0.9853667	0.3124335	1.3448625	0.42642	1.4105971	0.4472627
1146	475318.71, 3848680.61	59.0827	18.4635	1.0245925	0.3201873	1.3983992	0.4370027	1.4667506	0.4583626
1147	475318.71, 3848705.61	61.5401	19.6513	1.0672081	0.3407866	1.4565624	0.4651173	1.5277567	0.4878514
1148	475318.71, 3848730.61	62.6506	21.7381	1.0864648	0.3769748	1.4828447	0.5145083	1.5553236	0.5396565
1149	475318.71, 3848755.61	63.9758	24.3077	1.1094471	0.4215356	1.5142118	0.5753264	1.5882239	0.6034473
1150	475318.71, 3848780.61	64.5268	26.2647	1.119002	0.4554736	1.5272527	0.6216461	1.6019022	0.6520311
1151	475318.71, 3848805.61	68.0887	28.317	1.180771	0.4910641	1.611557	0.6702212	1.6903272	0.7029805
1152	475318.71, 3848830.61	72.0498	30.3655	1.2494632	0.526589	1.7053106	0.7187068	1.7886633	0.753836
1153	475318.71, 3848855.61	77.997	32.4588	1.3525972	0.5628891	1.8460714	0.7682505	1.9363042	0.8058012
1154	475318.71, 3848880.61	84.2197	34.9875	1.4605102	0.6067413	1.9933548	0.8281015	2.0907866	0.8685777
1155	475318.71, 3848905.61	91.0161	38.1319	1.5783701	0.6612704	2.154214	0.9025247	2.2595083	0.9466386
1156	475318.71, 3848930.61	99.0806	42.0272	1.7182221	0.7288219	2.3450889	0.9947213	2.4597128	1.0433416
1157	475318.71, 3848955.61	108.698	46.54	1.8849977	0.807081	2.57271	1.1015321	2.6984597	1.1553731
1158	475318.71, 3848980.61	122.151	54.0322	2.1183099	0.9370075	2.8911425	1.2788603	3.0324566	1.3413688
1159	475318.71, 3849005.61	146.587	66.8111	2.5420642	1.1586149	3.469497	1.5813177	3.6390801	1.6586098
1160	475343.71, 3848680.61	57.2922	18.2745	0.9935419	0.3169109	1.3560203	0.432531	1.4223003	0.4536724
1161	475343.71, 3848705.61	59.2119	18.672	1.026832	0.323803	1.4014558	0.4419376	1.4699565	0.4635387
1162	475343.71, 3848730.61	61.441	20.2969	1.0654885	0.3519827	1.4542155	0.4803982	1.525295	0.5038792
1163	475343.71, 3848755.61	62.1445	22.8483	1.0776888	0.3962274	1.470867	0.5407848	1.5427604	0.5672174
1164	475343.71, 3848780.61	62.219	25.0062	1.0789813	0.4336486	1.472631	0.5918586	1.5446107	0.6207876
1165	475343.71, 3848805.61	64.9674	26.9318	1.1266423	0.4670413	1.5376803	0.6374342	1.6128395	0.6685909
1166	475343.71, 3848830.61	68.3063	28.8677	1.1845449	0.5006146	1.6167078	0.6832562	1.6957297	0.7166526
1167	475343.71, 3848855.61	73.2687	31.046	1.2706013	0.5383891	1.7341606	0.7348121	1.8189234	0.7707284
1168	475343.71, 3848880.61	79.3742	33.9812	1.3764812	0.5892902	1.8786691	0.8042836	1.9704952	0.8435956
1169	475343.71, 3848905.61	85.4437	36.8141	1.4817355	0.6384172	2.0223239	0.8713339	2.1211716	0.9139232
1170	475343.71, 3848930.61	92.3401	40.232	1.6013302	0.6976893	2.1855509	0.9522305	2.2923769	0.9987739
1171	475343.71, 3848955.61	100.557	44.3609	1.7438293	0.7692918	2.3800385	1.049956	2.4963707	1.1012761

1172	475343.71, 3848980.61	111.352	49.6706	1.9310239	0.8613705	2.6355281	1.1756282	2.7643483	1.2330909
1173	475343.71, 3849005.61	128.288	59.0199	2.2247301	1.0235039	3.0363885	1.3969136	3.184802	1.4651923
1174	475368.71, 3848705.61	57.5912	18.5304	0.9987276	0.3213487	1.3630979	0.4385878	1.4297238	0.4600252
1175	475368.71, 3848730.61	59.5604	19.2876	1.0328761	0.3344796	1.409705	0.4565093	1.4786089	0.4788227
1176	475368.71, 3848755.61	60.6117	21.4675	1.0511077	0.3722823	1.4345881	0.5081038	1.5047084	0.532939
1177	475368.71, 3848780.61	61.1611	23.9446	1.060635	0.4152383	1.4475914	0.5667316	1.5183472	0.5944325
1178	475368.71, 3848805.61	61.7932	25.9361	1.0715974	0.4497746	1.4625532	0.6138679	1.5340403	0.6438727
1179	475368.71, 3848830.61	64.9926	27.9188	1.1270805	0.4841581	1.5382784	0.6607957	1.6134668	0.6930943
1180	475368.71, 3848855.61	69.2487	30.1883	1.2008883	0.5235153	1.6390139	0.7145118	1.7191261	0.749436
1181	475368.71, 3848880.61	74.9269	32.8341	1.2993564	0.5693976	1.7734065	0.7771335	1.8600876	0.8151184
1182	475368.71, 3848905.61	80.2589	35.1618	1.3918223	0.6097638	1.8996072	0.8322267	1.9924568	0.8729045
1183	475368.71, 3848930.61	86.1636	38.0106	1.4942207	0.6591674	2.039364	0.8996544	2.1390447	0.943628
1184	475368.71, 3848955.61	93.2205	41.7438	1.6165992	0.7239061	2.2063905	0.988012	2.3142351	1.0363044
1185	475368.71, 3848980.61	102.44	46.9895	1.7764809	0.8148764	2.4246025	1.1121715	2.5431129	1.1665326
1186	475368.71, 3849005.61	115.498	54.363	2.0029337	0.942745	2.7336731	1.286691	2.8672904	1.3495823
1187	475368.71, 3849030.61	139.844	67.9375	2.4251241	1.1781498	3.3098932	1.6079795	3.4716752	1.6865748
1188	475393.71, 3848730.61	57.1382	19.7195	0.9908707	0.3419681	1.3523746	0.4667298	1.4184764	0.4895428
1189	475393.71, 3848755.61	58.5614	20.9081	1.0155526	0.3625812	1.3860613	0.4948634	1.4538096	0.5190515
1190	475393.71, 3848780.61	59.4707	23.0556	1.0313205	0.3998219	1.4075819	0.5456908	1.4763821	0.5723632
1191	475393.71, 3848805.61	59.6278	25.0999	1.0340451	0.435274	1.4113005	0.594077	1.4802824	0.6231145
1192	475393.71, 3848830.61	62.4088	26.4888	1.0822719	0.4593593	1.4771221	0.6269495	1.5493213	0.6575937
1193	475393.71, 3848855.61	65.5687	28.084	1.1370707	0.4870226	1.5519134	0.6647053	1.6277682	0.6971949
1194	475393.71, 3848880.61	69.6643	30.1306	1.2080952	0.5225154	1.6488501	0.7131471	1.7294431	0.7480045
1195	475393.71, 3848905.61	75.0598	32.8358	1.3016609	0.5694279	1.7765518	0.7771749	1.8633867	0.8151619
1196	475393.71, 3848930.61	79.797	34.1405	1.3838122	0.5920529	1.8886747	0.8080542	1.9809899	0.8475506
1197	475393.71, 3848955.61	86.6358	38.9952	1.5024096	0.6762408	2.0505405	0.9229568	2.1507675	0.9680693
1198	475393.71, 3848980.61	94.6839	44.3842	1.6419758	0.769696	2.2410253	1.0505078	2.3505628	1.1018548
1199	475393.71, 3849005.61	105.395	51.172	1.8277248	0.8874069	2.494542	1.2111636	2.6164709	1.2703632
1200	475393.71, 3849030.61	125.446	61.9934	2.1754408	1.0750678	2.9691167	1.4672897	3.1142421	1.5390083
1201	475418.71, 3848755.61	55.682	21.2707	0.9656182	0.3688693	1.317909	0.5034456	1.3823262	0.5280532
1202	475418.71, 3848780.61	57.4368	22.3314	0.99605	0.3872636	1.3594435	0.5285508	1.4258908	0.5543854
1203	475418.71, 3848805.61	58.1883	23.6589	1.009081	0.4102852	1.3772287	0.5599714	1.4445453	0.5873419
1204	475418.71, 3848830.61	60.4623	25.4088	1.0485163	0.44063	1.4310513	0.601387	1.5009987	0.6307818
1205	475418.71, 3848855.61	63.5901	26.7231	1.1027585	0.4634228	1.5050829	0.6324955	1.5786488	0.6634108
1206	475418.71, 3848880.61	66.4916	28.2351	1.1530751	0.4896433	1.5737568	0.668282	1.6506793	0.7009465
1207	475418.71, 3848905.61	70.3654	29.883	1.2202538	0.5182208	1.6654445	0.7072856	1.7468486	0.7418565
1208	475418.71, 3848930.61	75.9928	31.3702	1.3178416	0.5440113	1.7986357	0.7424854	1.88655	0.7787768
1209	475418.71, 3848955.61	80.2899	34.9228	1.3923603	0.6056186	1.9003414	0.8265692	1.9932269	0.8669705
1210	475418.71, 3848980.61	88.3454	42.3597	1.5320553	0.7345878	2.0910021	1.0025909	2.1932067	1.0515958
1211	475418.71, 3849005.61	99.1965	48.4641	1.7202323	0.8404479	2.3478325	1.1470724	2.4625906	1.2031393
1212	475418.71, 3849030.61	120.04	57.3762	2.0816973	0.9949994	2.8411724	1.3580096	2.9800441	1.4243868
1213	475418.71, 3849055.61	156.064	72.8099	2.7064035	1.2626441	3.693793	1.7233003	3.8743393	1.8075323
1214	475443.71, 3848780.61	52.7347	22.635	0.9145069	0.3925289	1.2481506	0.535737	1.3091581	0.5619229
1215	475443.71, 3848805.61	55.9191	23.0646	0.9697299	0.3999787	1.3235208	0.5459048	1.3882123	0.5725877
1216	475443.71, 3848830.61	58.7281	23.735	1.0184421	0.4116044	1.390005	0.5617719	1.457946	0.5892303
1217	475443.71, 3848855.61	61.3873	25.1028	1.0645574	0.435324	1.4529447	0.5941452	1.5239622	0.623186
1218	475443.71, 3848880.61	65.0099	26.9676	1.1273803	0.4676627	1.5386876	0.6382822	1.6138961	0.6694804
1219	475443.71, 3848905.61	69.2447	28.1089	1.2008176	0.4874544	1.6389174	0.6652946	1.7190248	0.6978131
1220	475443.71, 3848930.61	72.1682	30.464	1.2515168	0.5282956	1.7081134	0.7210361	1.7916031	0.7562791
1221	475443.71, 3848955.61	75.7818	33.9527	1.3141821	0.5887968	1.7936412	0.8036102	1.8813113	0.8428893
1222	475443.71, 3848980.61	82.7471	40.3923	1.4349731	0.7004704	1.9585008	0.9560262	2.054229	1.0027551
1223	475443.71, 3849005.61	93.2667	45.676	1.6173994	0.7920976	2.2074826	1.0810822	2.3153806	1.1339237
1224	475443.71, 3849030.61	111.065	53.3357	1.9260439	0.9249289	2.6287313	1.2623749	2.7572192	1.3240777
1225	475443.71, 3849055.61	144.213	65.8253	2.5008909	1.1415199	3.4133023	1.5579858	3.5801387	1.6341374
1226	475468.71, 3848780.61	49.1699	22.6777	0.8526884	0.3932687	1.1637786	0.5367467	1.2206621	0.562982
1227	475468.71, 3848805.61	52.3509	23.1325	0.907852	0.4011559	1.2390678	0.5475114	1.2996314	0.5742728

1228	475468.71, 3848830.61	56.9499	23.0337	0.9876067	0.3994434	1.3479198	0.5451741	1.4138038	0.5718213
1229	475468.71, 3848855.61	60.5103	23.45	1.0493486	0.4066622	1.4321872	0.5550266	1.5021901	0.5821554
1230	475468.71, 3848880.61	62.9373	24.6399	1.0914368	0.4272974	1.4896306	0.5831902	1.5624413	0.6116956
1231	475468.71, 3848905.61	66.6801	26.3641	1.1563439	0.457198	1.5782181	0.6239997	1.6553587	0.6544997
1232	475468.71, 3848930.61	69.6649	28.9049	1.2081059	0.5012582	1.6488648	0.6841345	1.7294585	0.7175738
1233	475468.71, 3848955.61	71.7363	32.2452	1.2440266	0.5591854	1.6978905	0.7631956	1.7808805	0.8004993
1234	475468.71, 3848980.61	76.9778	36.5133	1.3349234	0.6332007	1.8219497	0.8642142	1.9110035	0.9064555
1235	475468.71, 3849005.61	84.2859	41.8841	1.4616579	0.7263407	1.9949212	0.9913348	2.0924296	1.0397896
1236	475468.71, 3849030.61	97.9943	47.7622	1.6993845	0.8282757	2.3193787	1.1304592	2.432746	1.1857142
1237	475468.71, 3849055.61	130.441	59.8862	2.2620594	1.038526	3.0873369	1.4174162	3.2382406	1.486697
1238	475493.71, 3848805.61	49.7278	22.9162	0.8623621	0.3974057	1.1769816	0.5423931	1.2345104	0.5689043
1239	475493.71, 3848830.61	53.0881	23.2998	0.9206361	0.4040575	1.256516	0.5514716	1.3179324	0.5784266
1240	475493.71, 3848855.61	57.5374	23.2006	0.9977947	0.402337	1.3618248	0.5491234	1.4283884	0.5759637
1241	475493.71, 3848880.61	61.6761	23.3754	1.0695658	0.405369	1.4597804	0.5532616	1.531132	0.5803041
1242	475493.71, 3848905.61	64.7326	24.5706	1.1225708	0.4260956	1.5321234	0.58155	1.607011	0.6099752
1243	475493.71, 3848930.61	67.2609	26.9466	1.1664166	0.4672985	1.5919657	0.6377852	1.6697782	0.668959
1244	475493.71, 3848955.61	69.5843	30.1624	1.206707	0.523066	1.6469554	0.7138986	1.7274558	0.7487927
1245	475493.71, 3848980.61	72.3366	33.8627	1.2544363	0.5872357	1.712098	0.8014796	1.7957824	0.8406546
1246	475493.71, 3849005.61	76.7715	37.4651	1.3313459	0.6497078	1.8170669	0.8867437	1.905882	0.9300863
1247	475493.71, 3849030.61	86.412	42.3467	1.4985273	0.7343629	2.0452419	1.0022839	2.1452098	1.0512738
1248	475493.71, 3849055.61	121.075	56.3091	2.0996388	0.9764936	2.8656596	1.3327523	3.0057281	1.3978949
1249	475518.71, 3848830.61	50.3319	23.1652	0.872839	0.4017234	1.1912809	0.548286	1.2495087	0.5750853
1250	475518.71, 3848855.61	53.7594	23.9125	0.9322778	0.4146818	1.2724049	0.5659721	1.3345979	0.5936359
1251	475518.71, 3848880.61	57.041	24.433	0.989186	0.4237094	1.3500752	0.5782932	1.4160646	0.6065592
1252	475518.71, 3848905.61	62.3051	23.6169	1.0804737	0.4095555	1.4746679	0.5589755	1.5467471	0.5862972
1253	475518.71, 3848930.61	65.1797	25.3845	1.1303249	0.4402098	1.5427066	0.6008136	1.6181114	0.6301803
1254	475518.71, 3848955.61	67.4391	28.365	1.169506	0.491897	1.5961822	0.671358	1.6742009	0.7041728
1255	475518.71, 3848980.61	70.232	31.7641	1.2179388	0.5508429	1.662285	0.7518094	1.7435347	0.7885565
1256	475518.71, 3849005.61	73.5734	35.3798	1.2758844	0.6135437	1.7413712	0.8373857	1.8264865	0.8783157
1257	475518.71, 3849030.61	84.2869	43.0633	1.4616757	0.7467898	1.9949456	1.0192445	2.0924551	1.0690634
1258	475518.71, 3849055.61	113.021	54.2817	1.9599744	0.9413348	2.6750408	1.2847663	2.8057923	1.3475635
1259	475518.71, 3849080.61	150.856	67.0987	2.6160896	1.1636022	3.5705296	1.5881245	3.745051	1.6657493
1260	475543.71, 3848855.61	51.0417	23.9163	0.8851487	0.4147479	1.2080815	0.5660623	1.2671305	0.5937304
1261	475543.71, 3848880.61	54.3989	24.5442	0.9433671	0.4256376	1.28754	0.5809249	1.3504727	0.6093195
1262	475543.71, 3848905.61	59.4074	23.6887	1.030223	0.4108016	1.4060839	0.5606763	1.4748109	0.5880812
1263	475543.71, 3848930.61	62.2783	25.1246	1.0800085	0.4357022	1.4740329	0.5946614	1.5460811	0.6237274
1264	475543.71, 3848955.61	64.9186	27.3881	1.1257972	0.4749552	1.5365269	0.6482353	1.6116298	0.6799199
1265	475543.71, 3848980.61	67.3102	30.4518	1.1672714	0.5280849	1.5931323	0.7207485	1.6710019	0.7559774
1266	475543.71, 3849005.61	70.0484	34.6709	1.2147554	0.6012506	1.6579402	0.8206075	1.7389775	0.8607174
1267	475543.71, 3849030.61	78.0219	40.5253	1.3530299	0.7027761	1.8466619	0.9591731	1.9369236	1.0060559
1268	475543.71, 3849055.61	104.754	52.4851	1.8166067	0.9101789	2.4793676	1.2422437	2.6005549	1.3029624
1269	475543.71, 3849080.61	140.111	63.8312	2.4297491	1.1069395	3.3162056	1.5107893	3.4782961	1.5846342
1270	475568.71, 3848880.61	51.6222	24.5787	0.8952145	0.4262357	1.2218197	0.5817412	1.2815401	0.6101758
1271	475568.71, 3848905.61	55.0119	25.2825	0.9539973	0.4384404	1.3020485	0.5983987	1.3656905	0.6276474
1272	475568.71, 3848930.61	57.6911	26.9676	1.0004602	0.4676627	1.3654626	0.6382822	1.4322041	0.6694804
1273	475568.71, 3848955.61	61.0111	28.5183	1.0580338	0.4945544	1.4440411	0.674985	1.5146234	0.7079771
1274	475568.71, 3848980.61	64.3864	30.4161	1.1165666	0.5274654	1.5239287	0.719903	1.5984157	0.7550907
1275	475568.71, 3849005.61	66.6759	33.9003	1.1562705	0.5878874	1.5781179	0.8023691	1.6552537	0.8415875
1276	475568.71, 3849030.61	72.2977	38.8209	1.2537617	0.6732197	1.7111773	0.9188335	1.7948167	0.9637445
1277	475568.71, 3849055.61	98.6764	51.2654	1.7112136	0.889027	2.3355235	1.2133747	2.4496799	1.2726824
1278	475568.71, 3849080.61	133.637	62.6615	2.3174891	1.0866538	3.1629892	1.4831026	3.3175907	1.5555942
1279	475593.71, 3848905.61	51.733	25.6528	0.8971368	0.4448629	1.2244433	0.6071643	1.284292	0.6368414
1280	475593.71, 3848930.61	54.2815	27.3037	0.9413315	0.4734914	1.2847618	0.6462374	1.3475587	0.6778244
1281	475593.71, 3848955.61	56.9929	29.0565	0.9883513	0.5038877	1.3489361	0.6877233	1.4148698	0.7213381
1282	475593.71, 3848980.61	59.9236	31.4012	1.0391753	0.5445494	1.4183023	0.7432198	1.4876265	0.7795471
1283	475593.71, 3849005.61	62.48	35.1598	1.0835063	0.6097287	1.4788068	0.8321788	1.5510884	0.8728543

1284	475593.71, 3849030.61	76.3035	42.3174	1.3232288	0.7338539	1.8059883	1.0015892	1.894262	1.0505452
1285	475593.71, 3849055.61	95.4144	50.286	1.6546435	0.8720434	2.2583147	1.190195	2.3686973	1.2483697
1286	475593.71, 3849080.61	127.619	61.4663	2.2131323	1.0659284	3.0205595	1.4548159	3.1681993	1.5259249
1287	475618.71, 3848905.61	51.2294	26.6987	0.8884035	0.4630004	1.2125239	0.6319189	1.27179	0.6628061
1288	475618.71, 3848930.61	52.7084	27.6871	0.9140517	0.4801399	1.2475293	0.6553115	1.3085064	0.687342
1289	475618.71, 3848955.61	54.4392	29.0064	0.9440668	0.5030185	1.288495	0.6865371	1.3514745	0.7200938
1290	475618.71, 3848980.61	57.1869	30.9881	0.991716	0.5373852	1.3535282	0.7334419	1.4196864	0.7692913
1291	475618.71, 3849005.61	59.7871	34.1171	1.0368078	0.5916464	1.4150711	0.8074995	1.4842373	0.8469687
1292	475618.71, 3849030.61	69.728	40.2324	1.2092002	0.6976973	1.6503582	0.9522413	1.7310249	0.9987853
1293	475618.71, 3849055.61	84.1636	47.112	1.4595363	0.8170004	1.9920256	1.1150705	2.0893924	1.1695732
1294	475618.71, 3849080.61	111.301	57.5971	1.9301471	0.99883	2.6343315	1.3632378	2.7630931	1.4298705
1295	475618.71, 3849105.61	151.831	73.2884	2.632994	1.2709424	3.5936012	1.7346261	3.7692503	1.8194117
1296	475643.71, 3848905.61	49.8538	26.7034	0.8645478	0.4630805	1.1799648	0.6320283	1.2376394	0.6629208
1297	475643.71, 3848930.61	51.4231	27.9054	0.8917617	0.4839255	1.2171073	0.6604783	1.2765974	0.6927614
1298	475643.71, 3848955.61	52.5322	28.732	0.910995	0.4982605	1.2433575	0.6800432	1.3041307	0.7132825
1299	475643.71, 3848980.61	54.7777	30.8027	0.949937	0.5341699	1.2965068	0.7290535	1.3598778	0.7646884
1300	475643.71, 3849005.61	58.292	34.6153	1.0108802	0.600286	1.3796843	0.8192911	1.4471209	0.8593367
1301	475643.71, 3849030.61	68.611	40.1983	1.189829	0.6971054	1.6239198	0.9514335	1.7032942	0.997938
1302	475643.71, 3849055.61	82.5241	46.4541	1.4311055	0.8055912	1.9532223	1.0994987	2.0486925	1.1532403
1303	475643.71, 3849080.61	104.097	56.0623	1.805217	0.9722142	2.4638226	1.3269116	2.5842501	1.3917688
1304	475643.71, 3849105.61	146.492	72.0296	2.5404087	1.2491129	3.4672376	1.7048325	3.6367103	1.7881618
1305	475668.71, 3848905.61	48.0303	26.0312	0.8329258	0.4514238	1.1368059	0.6161188	1.1923711	0.6462336
1306	475668.71, 3848930.61	49.8129	27.5426	0.8638391	0.477634	1.1789974	0.6518914	1.2366248	0.6837547
1307	475668.71, 3848955.61	52.1473	29.3748	0.9043206	0.5094075	1.234248	0.695257	1.2945759	0.72924
1308	475668.71, 3848980.61	54.8082	31.7171	0.9504652	0.5500271	1.2972277	0.750696	1.360634	0.7873887
1309	475668.71, 3849005.61	59.6357	35.0559	1.0341824	0.6079269	1.4114879	0.8297197	1.480479	0.870275
1310	475668.71, 3849030.61	68.3075	40.0346	1.1845664	0.6942669	1.6167371	0.9475595	1.6957605	0.9938746
1311	475668.71, 3849055.61	84.8804	46.939	1.4719666	0.8140007	2.0089909	1.1109763	2.107187	1.1652789
1312	475668.71, 3849080.61	105.183	56.5765	1.8240544	0.9811301	2.4895325	1.3390803	2.6112166	1.4045322
1313	475668.71, 3849105.61	139.3	71.3133	2.4156968	1.2366909	3.2970266	1.6878785	3.4581796	1.7703791
1314	475693.71, 3848905.61	46.4909	25.8717	0.8062292	0.4486581	1.1003695	0.6123441	1.1541537	0.6422745
1315	475693.71, 3848930.61	49.1138	27.6416	0.8517141	0.4793505	1.1624489	0.6542341	1.2192674	0.6862119
1316	475693.71, 3848955.61	54.6036	29.703	0.9469174	0.5150989	1.2923856	0.7030248	1.3555552	0.7373875
1317	475693.71, 3848980.61	58.7596	32.1348	1.0189883	0.5572712	1.3907505	0.760583	1.458728	0.797759
1318	475693.71, 3849005.61	62.9232	35.3058	1.0911923	0.6122611	1.4892969	0.8356352	1.5620912	0.8764796
1319	475693.71, 3849030.61	66.2003	39.2322	1.1480235	0.6803514	1.5668622	0.9285672	1.6434477	0.9739539
1320	475693.71, 3849055.61	79.6835	45.7223	1.3818446	0.7928999	1.8859893	1.0821772	1.9781732	1.1350721
1321	475693.71, 3849080.61	98.9884	54.9697	1.7166227	0.9532652	2.3429059	1.3010493	2.4574232	1.3646423
1322	475693.71, 3849105.61	133.312	69.3954	2.311848	1.2034312	3.1552901	1.6424844	3.3095153	1.7227663
1323	475693.71, 3849130.61	178.333	85.7962	3.0925846	1.4878487	4.2208664	2.0306673	4.4271752	2.1299228
1324	475718.71, 3848930.61	49.5236	27.1914	0.8588207	0.4715443	1.1721482	0.6435799	1.2294408	0.675037
1325	475718.71, 3848955.61	55.1263	29.6083	0.9559814	0.5134579	1.3047565	0.700785	1.3685307	0.7350382
1326	475718.71, 3848980.61	61.327	32.2651	1.0635129	0.5595303	1.4515192	0.7636663	1.5224669	0.800993
1327	475718.71, 3849005.61	67.2786	35.6004	1.1667234	0.6173702	1.5923844	0.8426081	1.6702174	0.8837934
1328	475718.71, 3849030.61	68.4173	39.2587	1.1864693	0.6808113	1.6193343	0.9291948	1.6984846	0.9746123
1329	475718.71, 3849055.61	72.9161	44.3475	1.2644859	0.7690587	1.7258141	1.0496379	1.810169	1.1009424
1330	475718.71, 3849080.61	92.648	53.4575	1.6066706	0.9270415	2.1928396	1.2652582	2.3000218	1.3271019
1331	475718.71, 3849105.61	126.784	67.4844	2.1986522	1.1702911	3.0007966	1.5972537	3.1474704	1.6753247
1332	475718.71, 3849130.61	167.24	84.9785	2.9002252	1.4736689	3.9583276	2.0113142	4.1518039	2.1096239
1333	475743.71, 3848930.61	47.7719	25.9457	0.8284439	0.4499407	1.1306888	0.6140947	1.185955	0.6441106
1334	475743.71, 3848955.61	51.857	28.1887	0.8992866	0.4888388	1.2273775	0.6671841	1.2873696	0.6997949
1335	475743.71, 3848980.61	57.4345	30.9455	0.9960089	0.536647	1.3593874	0.7324343	1.4258319	0.7682345
1336	475743.71, 3849005.61	65.3536	34.6334	1.1333401	0.6006002	1.5468218	0.81972	1.6224278	0.8597865
1337	475743.71, 3849030.61	74.2247	39.5665	1.2871798	0.6861494	1.7567874	0.9364805	1.8426562	0.9822541
1338	475743.71, 3849055.61	74.6519	44.5139	1.2945878	0.7719449	1.7668982	1.0535771	1.8532611	1.1050741
1339	475743.71, 3849080.61	89.5354	52.5909	1.5526924	0.912013	2.1191683	1.2447469	2.2227496	1.305588

1340	475743.71, 3849105.61	118.903	65.6046	2.06198	1.1376934	2.8142615	1.5527633	2.9518179	1.6286597
1341	475743.71, 3849130.61	157.436	83.8509	2.7302035	1.4541139	3.7262761	1.9846249	3.9084102	2.08163
1342	475768.71, 3848930.61	46.9547	25.1457	0.8142726	0.4360684	1.1113474	0.5951613	1.1656682	0.6242518
1343	475768.71, 3848955.61	49.9056	26.8877	0.8654465	0.4662769	1.1811913	0.6363909	1.2389259	0.6674966
1344	475768.71, 3848980.61	54.0622	29.3683	0.9375285	0.5092943	1.2795713	0.6951025	1.3421145	0.7290779
1345	475768.71, 3849005.61	60.5487	32.7654	1.050015	0.5682067	1.4330968	0.7755082	1.5031441	0.8134137
1346	475768.71, 3849030.61	69.646	37.6939	1.2077768	0.6536754	1.6484155	0.8921588	1.7289873	0.9357661
1347	475768.71, 3849055.61	76.0018	44.2688	1.3179975	0.7676943	1.7988485	1.0477757	1.8867731	1.0989892
1348	475768.71, 3849080.61	81.0255	50.8535	1.4051161	0.8818838	1.917751	1.2036254	2.0114874	1.2624566
1349	475768.71, 3849105.61	101.445	62.219	1.7592238	1.0789804	2.4010495	1.4726298	2.5184087	1.5446094
1350	475768.71, 3849130.61	150.211	82.4744	2.6049048	1.4302436	3.5552641	1.952046	3.7290394	2.0474586
1351	475793.71, 3848930.61	45.44	25.0149	0.7880057	0.4337996	1.0754974	0.5920647	1.1280659	0.6210038
1352	475793.71, 3848955.61	49.4055	26.462	0.856773	0.4588951	1.1693535	0.6263159	1.2265095	0.6569291
1353	475793.71, 3848980.61	52.9184	28.3121	0.9176938	0.4909784	1.2525002	0.6701043	1.3137203	0.7028578
1354	475793.71, 3849005.61	58.2335	31.0258	1.0098658	0.538039	1.3782997	0.7343342	1.4456686	0.7702272
1355	475793.71, 3849030.61	66.0091	34.7698	1.1447079	0.6029667	1.562337	0.8229498	1.6387013	0.8631742
1356	475793.71, 3849055.61	76.2057	41.4575	1.3215329	0.7189427	1.8036738	0.9812379	1.8918343	1.0291991
1357	475793.71, 3849080.61	86.9842	51.5359	1.5084505	0.8937175	2.0587855	1.2197766	2.1594154	1.2793972
1358	475793.71, 3849105.61	98.7393	61.3224	1.7123044	1.0634328	2.3370122	1.4514098	2.4512414	1.5223522
1359	475793.71, 3849130.61	138.72	79.3516	2.4056269	1.376088	3.2832827	1.8781325	3.443764	1.9699325
1360	475818.71, 3848930.61	45.1824	25.0247	0.7835371	0.4339699	1.0693985	0.5922972	1.1216689	0.6212476
1361	475818.71, 3848955.61	47.8582	26.4408	0.8299399	0.4585269	1.1327307	0.6258134	1.1880967	0.6564021
1362	475818.71, 3848980.61	51.6188	28.0466	0.8951553	0.4863744	1.2217389	0.6638205	1.2814555	0.6962669
1363	475818.71, 3849005.61	56.1765	30.2919	0.9741943	0.5253121	1.3296141	0.7169641	1.3946033	0.7520081
1364	475818.71, 3849030.61	64.4809	33.4574	1.1182055	0.580207	1.5261656	0.7918865	1.600762	0.8305926
1365	475818.71, 3849055.61	72.8514	38.286	1.2633645	0.6639436	1.7242835	0.9061732	1.8085635	0.9504654
1366	475818.71, 3849080.61	82.865	46.1809	1.4370173	0.8008536	1.9612909	1.0930327	2.0571554	1.1464583
1367	475818.71, 3849105.61	101.124	59.8105	1.7536605	1.0372139	2.3934564	1.4156254	2.5104445	1.4848188
1368	475818.71, 3849130.61	131.953	78.143	2.2882913	1.3551301	3.123139	1.8495284	3.2757928	1.9399302
1369	475843.71, 3848955.61	47.6356	26.6147	0.8260807	0.4615437	1.1274635	0.6299308	1.182572	0.6607207
1370	475843.71, 3848980.61	50.1984	28.2792	0.8705243	0.4904089	1.1881216	0.669327	1.246195	0.7020426
1371	475843.71, 3849005.61	54.8234	29.956	0.9507283	0.5194869	1.2975868	0.7090136	1.3610106	0.743669
1372	475843.71, 3849030.61	62.4222	32.9409	1.082505	0.57125	1.4774402	0.7796617	1.5496549	0.8177703
1373	475843.71, 3849055.61	71.0321	36.9914	1.2318144	0.6414917	1.6812229	0.8755301	1.7633982	0.9183245
1374	475843.71, 3849080.61	80.1353	43.1535	1.3896785	0.748354	1.8966813	1.0213794	1.9893879	1.0713027
1375	475843.71, 3849105.61	93.0464	55.9002	1.6135795	0.9694023	2.2022691	1.3230737	2.3099123	1.3877433
1376	475843.71, 3849130.61	122.218	75.9201	2.1194636	1.31658	2.8927172	1.7969138	3.0341083	1.8847439
1377	475868.71, 3848955.61	47.5712	26.4519	0.8249636	0.4587193	1.1259388	0.6260759	1.1809728	0.6566774
1378	475868.71, 3848980.61	50.1704	28.448	0.8700377	0.4933356	1.1874575	0.6733215	1.2454984	0.7062323
1379	475868.71, 3849005.61	52.5292	30.6379	0.9109444	0.5313122	1.2432884	0.7251532	1.3040582	0.7605974
1380	475868.71, 3849030.61	59.6138	33.1721	1.033803	0.5752597	1.41097	0.7851344	1.4799359	0.8235104
1381	475868.71, 3849055.61	69.16	36.4363	1.1993494	0.6318659	1.6369136	0.8623924	1.7169231	0.9045447
1382	475868.71, 3849080.61	77.8265	41.8138	1.3496405	0.7251205	1.8420359	0.9896695	1.9320715	1.0380429
1383	475868.71, 3849105.61	89.6635	50.4517	1.5549146	0.8749171	2.1222012	1.1941171	2.2259308	1.2524835
1384	475868.71, 3849130.61	112.195	67.3313	1.9456412	1.1676367	2.6554783	1.593631	2.7852736	1.671525
1385	475893.71, 3848955.61	46.2159	26.1805	0.8014606	0.4540132	1.0938611	0.619653	1.1473272	0.6499406
1386	475893.71, 3848980.61	49.8487	28.1625	0.8644601	0.4883837	1.179845	0.666563	1.2375138	0.6991435
1387	475893.71, 3849005.61	53.2491	30.6307	0.9234273	0.5311876	1.2603255	0.7249832	1.321928	0.7604192
1388	475893.71, 3849030.61	56.8593	33.3439	0.9860343	0.5782378	1.3457737	0.789199	1.4115529	0.8277737
1389	475893.71, 3849055.61	66.5304	37.4639	1.1537475	0.649687	1.5746744	0.8867153	1.6516418	0.9300565
1390	475893.71, 3849080.61	76.3657	42.0878	1.3243083	0.7298725	1.8074617	0.9961552	1.8958074	1.0448455
1391	475893.71, 3849105.61	86.6419	48.9822	1.5025143	0.8494333	2.0506835	1.159336	2.1509174	1.2160024
1392	475893.71, 3849130.61	105.078	61.4364	1.8222327	1.0654097	2.4870462	1.454108	2.6086087	1.5251823
1393	475893.71, 3849155.61	141.953	88.321	2.461707	1.5316322	3.3598229	2.0904246	3.5240453	2.192601
1394	475918.71, 3848955.61	46.5554	25.9916	0.8073476	0.4507369	1.1018959	0.6151813	1.1557546	0.6452503
1395	475918.71, 3848980.61	48.1278	27.9242	0.8346159	0.4842521	1.1391127	0.660924	1.1947906	0.6932288

1396	475918.71, 3849005.61	52.2667	30.2711	0.9063912	0.5249517	1.237074	0.7164723	1.2975401	0.7514922
1397	475918.71, 3849030.61	56.0455	33.4881	0.9719213	0.5807387	1.3265118	0.7926122	1.3913495	0.8313537
1398	475918.71, 3849055.61	63.6751	37.2922	1.1042328	0.6467079	1.5070952	0.8826493	1.5807594	0.9257917
1399	475918.71, 3849080.61	74.4907	42.5639	1.291792	0.7381292	1.7630823	1.0074242	1.8492588	1.0566654
1400	475918.71, 3849105.61	84.6659	49.3387	1.4682467	0.8556155	2.0039138	1.1677736	2.1018617	1.2248524
1401	475918.71, 3849130.61	98.2365	59.4442	1.7035848	1.0308608	2.3251115	1.4069544	2.438759	1.475724
1402	475918.71, 3849155.61	131.792	79.0164	2.2854851	1.3702763	3.119309	1.8702005	3.2717755	1.9616127
1403	475943.71, 3848955.61	46.138	25.8005	0.800109	0.4474243	1.0920164	0.6106601	1.1453923	0.6405082
1404	475943.71, 3848980.61	48.5583	27.8585	0.8420819	0.483112	1.1493024	0.659368	1.2054784	0.6915968
1405	475943.71, 3849005.61	51.5974	30.3069	0.8947849	0.5255714	1.2212334	0.717318	1.2809252	0.7523792
1406	475943.71, 3849030.61	55.1982	33.6085	0.9572279	0.5828276	1.3064577	0.7954633	1.3703152	0.8343442
1407	475943.71, 3849055.61	61.1321	37.1096	1.060133	0.6435413	1.4469062	0.8783274	1.5176285	0.9212586
1408	475943.71, 3849080.61	71.793	41.8511	1.2450092	0.725768	1.6992316	0.9905533	1.7822871	1.0389699
1409	475943.71, 3849105.61	81.5676	48.417	1.414518	0.8396305	1.9305831	1.1459567	2.0249467	1.2019691
1410	475943.71, 3849130.61	93.2321	58.1288	1.6168	1.0080497	2.2066646	1.3758211	2.3145226	1.4430689
1411	475943.71, 3849155.61	121.741	74.0531	2.1111925	1.2842045	2.8814285	1.7527266	3.0222678	1.8383969
1412	475968.71, 3848955.61	44.544	25.5008	0.7724664	0.4422254	1.0542888	0.6035645	1.1058206	0.6330658
1413	475968.71, 3848980.61	47.2854	27.6081	0.820008	0.4787711	1.1191753	0.6534433	1.1738787	0.6853825
1414	475968.71, 3849005.61	51.5145	30.1851	0.8933463	0.5234602	1.2192698	0.7144366	1.2788657	0.749357
1415	475968.71, 3849030.61	55.034	33.2791	0.9543808	0.5771151	1.3025719	0.7876667	1.3662393	0.8261665
1416	475968.71, 3849055.61	60.1788	37.1634	1.043601	0.6444753	1.4243427	0.8796022	1.4939622	0.9225957
1417	475968.71, 3849080.61	68.376	42.2426	1.1857529	0.7325564	1.6183565	0.9998183	1.697459	1.0486878
1418	475968.71, 3849105.61	80.2074	48.7407	1.3909301	0.8452452	1.8983895	1.1536198	1.9911795	1.2100068
1419	475968.71, 3849130.61	90.7848	57.4831	1.5743591	0.9968521	2.1487397	1.3605381	2.2537665	1.4270389
1420	475968.71, 3849155.61	111.748	71.2681	1.9378957	1.2359071	2.644907	1.6868087	2.7741856	1.769257
1421	475993.71, 3848980.61	47.259	27.2939	0.81955	0.4733216	1.1185502	0.6460057	1.173223	0.6775814
1422	475993.71, 3849005.61	50.9982	29.8008	0.8843933	0.5167954	1.2070505	0.7053403	1.2660491	0.7398161
1423	475993.71, 3849030.61	54.8497	33.0583	0.9511852	0.5732864	1.2982105	0.7824411	1.3616648	0.8206855
1424	475993.71, 3849055.61	58.9567	36.8748	1.0224072	0.6394695	1.3954168	0.8727701	1.4636224	0.9154296
1425	475993.71, 3849080.61	65.1929	41.5817	1.1305537	0.7210958	1.5430187	0.9841765	1.6184389	1.0322814
1426	475993.71, 3849105.61	77.4717	48.0714	1.3434878	0.8336382	1.8336386	1.1377783	1.9232637	1.1933909
1427	475993.71, 3849130.61	89.1792	57.1528	1.5465164	0.9911243	2.110739	1.3527207	2.2139083	1.4188394
1428	475993.71, 3849155.61	105.643	69.4338	1.8320203	1.2040972	2.5004047	1.6433935	2.6226202	1.7237198
1429	476018.71, 3848980.61	47.1692	27.1308	0.817992	0.4704932	1.1164238	0.6421454	1.1709927	0.6735324
1430	476018.71, 3849005.61	50.8716	29.7078	0.8821976	0.5151828	1.2040538	0.7031394	1.2629059	0.7375076
1431	476018.71, 3849030.61	54.8041	33.0817	0.9503936	0.5736922	1.29713	0.782995	1.3605315	0.8212664
1432	476018.71, 3849055.61	57.8943	36.9934	1.0039831	0.6415278	1.3702709	0.8755793	1.4372474	0.9183761
1433	476018.71, 3849080.61	63.9693	42.0898	1.1093348	0.7299078	1.5140584	0.9962035	1.588063	1.0448962
1434	476018.71, 3849105.61	73.7945	48.2218	1.2797199	0.8362469	1.746606	1.1413387	1.8319771	1.1971254
1435	476018.71, 3849130.61	86.472	56.2867	1.4995678	0.9761055	2.046662	1.3322226	2.1466993	1.3973393
1436	476018.71, 3849155.61	105	69.5316	1.8208828	1.2057943	2.4852038	1.6457097	2.6066763	1.7261492
1437	476043.71, 3848980.61	46.7698	27.0841	0.8110656	0.4696837	1.1069704	0.6410405	1.1610772	0.6723735
1438	476043.71, 3849005.61	50.2824	29.7435	0.8719796	0.5158021	1.1901079	0.7039846	1.2482783	0.7383941
1439	476043.71, 3849030.61	54.2628	33.1347	0.9410065	0.5746099	1.2843182	0.7842475	1.3470935	0.8225802
1440	476043.71, 3849055.61	57.8734	37.0927	1.0036207	0.6432495	1.3697762	0.8779291	1.4367285	0.9208408
1441	476043.71, 3849080.61	63.6479	41.8254	1.1037596	0.7253227	1.5064492	0.9899455	1.5800819	1.0383323
1442	476043.71, 3849105.61	73.3215	48.7232	1.2715175	0.8449417	1.735411	1.1532056	1.8202349	1.2095723
1443	476043.71, 3849130.61	88.7022	59.4353	1.5382439	1.0307073	2.0994484	1.406745	2.2020659	1.4755043
1444	476043.71, 3849155.61	110.449	74.4022	1.9153652	1.2902572	2.6141567	1.7609877	2.7419322	1.8470617
1445	476068.71, 3848980.61	46.2507	26.9318	0.8020641	0.4670429	1.0946848	0.6374363	1.1481911	0.6685931
1446	476068.71, 3849005.61	49.7915	29.6027	0.863468	0.5133604	1.1784909	0.700652	1.2360935	0.7348987
1447	476068.71, 3849030.61	53.8922	32.8799	0.9345797	0.5701925	1.2755467	0.7782184	1.3378932	0.8162564
1448	476068.71, 3849055.61	57.5782	37.1458	0.9985018	0.6441698	1.3627897	0.8791852	1.4294006	0.9221583
1449	476068.71, 3849080.61	64.2207	42.145	1.1136932	0.7308642	1.520007	0.9975088	1.5943024	1.0462653
1450	476068.71, 3849105.61	73.9364	49.0365	1.2821807	0.8503748	1.7499645	1.160621	1.8354998	1.2173501
1451	476068.71, 3849130.61	88.2971	59.3653	1.5312186	1.0294932	2.0898601	1.4050879	2.1920089	1.4737662

1452	476068.71, 3849155.61	108.175	73.2493	1.8759339	1.2702651	2.5603395	1.7337017	2.6854845	1.818442
1453	476068.71, 3849180.61	142.875	94.6164	2.4776971	1.6408065	3.3816467	2.2394294	3.5469358	2.3488889
1454	476093.71, 3848980.61	45.6544	26.7916	0.7917224	0.4646114	1.0805701	0.6341177	1.1333865	0.6651123
1455	476093.71, 3849005.61	48.6453	29.5189	0.8435908	0.5119068	1.1513618	0.6986681	1.2076384	0.7328178
1456	476093.71, 3849030.61	51.9817	32.9457	0.9014493	0.5713331	1.2303292	0.7797751	1.2904656	0.8178892
1457	476093.71, 3849055.61	57.4559	37.2961	0.9963814	0.6467764	1.3598958	0.8827428	1.4263652	0.9258898
1458	476093.71, 3849080.61	65.3946	42.8905	1.1340503	0.7437923	1.547791	1.0151534	1.6234444	1.0647724
1459	476093.71, 3849105.61	75.4395	50.0052	1.3082469	0.8671739	1.7855406	1.1835489	1.8728148	1.2413987
1460	476093.71, 3849130.61	88.5854	59.7354	1.5362184	1.0359117	2.0966839	1.4138481	2.1991663	1.4829546
1461	476093.71, 3849155.61	108.481	73.3211	1.8812439	1.271509	2.5675868	1.7353994	2.693086	1.8202228
1462	476093.71, 3849180.61	141.078	93.0774	2.4465298	1.6141176	3.3391084	2.2030036	3.5023184	2.3106826
1463	476118.71, 3848980.61	44.0429	26.6064	0.7637768	0.4613996	1.042429	0.6297341	1.0933811	0.6605144
1464	476118.71, 3849005.61	46.5255	29.3268	0.8068297	0.5085758	1.1011891	0.6941219	1.1550134	0.7280494
1465	476118.71, 3849030.61	50.5887	32.6994	0.8772929	0.5670623	1.1973597	0.7739463	1.2558846	0.8117755
1466	476118.71, 3849055.61	57.1289	36.9789	0.9907098	0.6412753	1.352155	0.8752347	1.418246	0.9180147
1467	476118.71, 3849080.61	64.8099	42.5104	1.1239118	0.7372014	1.5339537	1.0061579	1.6089307	1.0553372
1468	476118.71, 3849105.61	75.3954	49.7687	1.307481	0.863072	1.7844952	1.1779506	1.8717183	1.2355268
1469	476118.71, 3849130.61	87.7559	59.087	1.5218335	1.0246667	2.0770509	1.3985005	2.1785736	1.4668568
1470	476118.71, 3849155.61	107.258	72.3017	1.8600401	1.2538324	2.538647	1.7112739	2.6627318	1.794918
1471	476118.71, 3849180.61	139.03	91.2704	2.4110083	1.5827806	3.2906275	2.1602336	3.4514678	2.2658222
1472	476143.71, 3849005.61	44.4826	28.8417	0.7714021	0.5001629	1.0528363	0.6826396	1.1042971	0.7160059
1473	476143.71, 3849030.61	50.1596	32.3072	0.8698504	0.5602599	1.1872019	0.7646621	1.2452303	0.8020375
1474	476143.71, 3849055.61	56.4468	36.4537	0.9788812	0.6321678	1.3360109	0.8628045	1.4013129	0.9049769
1475	476143.71, 3849080.61	63.655	41.7794	1.1038839	0.7245243	1.506619	0.9888558	1.5802599	1.0371894
1476	476143.71, 3849105.61	73.8855	48.6231	1.2812971	0.8432056	1.7487586	1.1508362	1.834235	1.2070871
1477	476143.71, 3849130.61	86.0304	57.8572	1.4919102	1.0033408	2.0362107	1.3693942	2.1357372	1.4363278
1478	476143.71, 3849155.61	105.027	70.8364	1.8213427	1.2284205	2.4858315	1.6765907	2.6073347	1.7585396
1479	476143.71, 3849180.61	136.765	89.9979	2.3717361	1.5607124	3.2370274	2.1301143	3.3952478	2.2342306
1480	476168.71, 3849005.61	44.1172	28.3171	0.7650656	0.4910661	1.044188	0.670224	1.0952262	0.7029835
1481	476168.71, 3849030.61	49.5722	31.7743	0.8596641	0.5510187	1.1732992	0.7520494	1.2306481	0.7888083
1482	476168.71, 3849055.61	55.439	35.7699	0.9614047	0.6203097	1.3121583	0.8466202	1.3762944	0.8880015
1483	476168.71, 3849080.61	62.3808	40.834	1.081787	0.7081288	1.4764603	0.9664787	1.5486272	1.0137185
1484	476168.71, 3849105.61	71.956	47.4277	1.2478367	0.8224752	1.7030907	1.1225426	1.7863349	1.1774106
1485	476168.71, 3849130.61	84.0915	56.677	1.458287	0.9828736	1.9903205	1.3414599	2.087604	1.4070282
1486	476168.71, 3849155.61	102.535	69.0821	1.7781197	1.1979984	2.4268392	1.6350696	2.5454589	1.714989
1487	476168.71, 3849180.61	133.28	88.0366	2.3112976	1.5267006	3.1545389	2.0836937	3.3087273	2.1855411
1488	476193.71, 3849005.61	43.4183	27.9278	0.7529452	0.4843138	1.0276456	0.6610082	1.0778752	0.6933172
1489	476193.71, 3849030.61	48.732	31.211	0.8450938	0.5412508	1.1534132	0.7387178	1.2097901	0.7748251
1490	476193.71, 3849055.61	54.3879	35.1121	0.9431772	0.6089017	1.2872808	0.8310501	1.3502009	0.8716704
1491	476193.71, 3849080.61	60.9466	39.946	1.0569146	0.6927299	1.4425135	0.9454617	1.5130211	0.9916743
1492	476193.71, 3849105.61	69.512	46.3195	1.2054535	0.8032575	1.6452447	1.0963136	1.7256614	1.1498996
1493	476193.71, 3849130.61	81.1353	55.086	1.4070205	0.9552836	1.9203503	1.303804	2.0142137	1.3675318
1494	476193.71, 3849155.61	99.8871	67.4946	1.7322086	1.1704692	2.3641782	1.5974968	2.4797352	1.6755797
1495	476193.71, 3849180.61	129.648	85.4935	2.2483158	1.4825997	3.0685791	2.0235033	3.218566	2.1224087
1496	476218.71, 3849005.61	44.6461	27.4714	0.7742382	0.4764005	1.056707	0.6502078	1.108357	0.6819889
1497	476218.71, 3849030.61	47.9566	30.6547	0.8316465	0.5316028	1.1350599	0.7255499	1.1905397	0.7610135
1498	476218.71, 3849055.61	53.0157	34.4352	0.9193804	0.5971633	1.2548022	0.8150291	1.3161348	0.8548664
1499	476218.71, 3849080.61	59.3764	39.0971	1.0296859	0.6780091	1.4053509	0.9253703	1.4740421	0.9706008
1500	476218.71, 3849105.61	67.5248	45.3575	1.1709929	0.786574	1.5982116	1.0735434	1.6763294	1.1260163
1501	476218.71, 3849130.61	79.1144	53.9903	1.3719756	0.9362807	1.8725198	1.2778683	1.9640454	1.3403284
1502	476218.71, 3849155.61	98.2571	66.4014	1.7039412	1.1515113	2.3255979	1.5716224	2.4392691	1.6484406
1503	476218.71, 3849180.61	125.675	83.3578	2.1794181	1.4455626	2.9745451	1.9729538	3.1199358	2.0693884
1504	476243.71, 3849005.61	44.9386	27.1048	0.7793106	0.4700423	1.06363	0.64153	1.1156185	0.6728869
1505	476243.71, 3849030.61	47.5838	30.1686	0.8251814	0.5231739	1.1262361	0.7140458	1.1812846	0.7489471
1506	476243.71, 3849055.61	51.785	33.8631	0.8980375	0.5872421	1.2256727	0.8014884	1.2855814	0.8406638
1507	476243.71, 3849080.61	58.2336	38.4728	1.0098668	0.6671823	1.3783011	0.9105935	1.4456701	0.9551018

1508	476243.71, 3849105.61	66.38	44.7271	1.1511391	0.7756418	1.5711144	1.0586227	1.6479078	1.1103664
1509	476243.71, 3849130.61	78.381	53.1575	1.3592566	0.9218391	1.8551604	1.2581579	1.9458374	1.3196545
1510	476243.71, 3849155.61	96.4926	65.1118	1.6733429	1.1291461	2.2838362	1.5410976	2.3954662	1.6164238
1511	476243.71, 3849180.61	122.029	81.0177	2.1161784	1.4049822	2.8882334	1.9175683	3.0294054	2.0112958
1512	476268.71, 3849030.61	47.1692	29.4859	0.8179927	0.5113339	1.1164248	0.6978861	1.1709937	0.7319976
1513	476268.71, 3849055.61	51.3465	33.0037	0.890433	0.5723389	1.2152938	0.7811479	1.2746953	0.8193291
1514	476268.71, 3849080.61	56.8935	37.737	0.9866274	0.6544218	1.3465832	0.8931775	1.4124019	0.9368345
1515	476268.71, 3849105.61	65.3188	43.8487	1.1327366	0.7604101	1.5459981	1.037834	1.6215639	1.0885615
1516	476268.71, 3849130.61	77.7122	51.9046	1.347659	0.9001112	1.8393316	1.2285029	1.929235	1.2885501
1517	476268.71, 3849155.61	94.5381	63.3669	1.6394474	1.0988866	2.2375745	1.4997984	2.3469433	1.573106
1518	476268.71, 3849180.61	118.452	78.7279	2.0541532	1.3652727	2.8035792	1.8633714	2.9406134	1.9544499
1519	476268.71, 3849205.61	156.398	99.753	2.7121939	1.7298826	3.7016959	2.3610036	3.8826285	2.4764054
1520	476293.71, 3849030.61	47.8569	28.7374	0.8299181	0.4983536	1.1327009	0.6801703	1.1880654	0.7134158
1521	476293.71, 3849055.61	50.9792	32.3239	0.8840643	0.56055	1.2066015	0.765058	1.2655781	0.8024528
1522	476293.71, 3849080.61	55.5306	36.8449	0.9629928	0.6389515	1.3143259	0.8720631	1.3785679	0.9146881
1523	476293.71, 3849105.61	64.5215	42.9375	1.1189096	0.7446077	1.5271265	1.0162663	1.6017699	1.0659397
1524	476293.71, 3849130.61	77.1241	50.8986	1.3374597	0.8826655	1.8254112	1.2046924	1.9146342	1.2635757
1525	476293.71, 3849155.61	92.9522	62.4164	1.6119451	1.0824035	2.2000384	1.4773017	2.3075725	1.5495097
1526	476293.71, 3849180.61	114.945	76.5729	1.9933347	1.3279022	2.7205721	1.8123668	2.8535491	1.9009522
1527	476293.71, 3849205.61	148.995	96.1981	2.5838187	1.6682352	3.5264851	2.2768651	3.6988537	2.3881544
1528	476318.71, 3849030.61	47.5402	28.2099	0.8244255	0.4892066	1.1252044	0.6676861	1.1802024	0.7003214
1529	476318.71, 3849055.61	50.6784	31.893	0.8788481	0.5530768	1.1994823	0.7548583	1.2581109	0.7917545
1530	476318.71, 3849080.61	54.9941	36.4915	0.953689	0.632824	1.3016277	0.8637001	1.3652491	0.9059163
1531	476318.71, 3849105.61	64.2751	42.2138	1.1146377	0.732057	1.521296	0.9991367	1.5956544	1.0479728
1532	476318.71, 3849130.61	75.9131	49.9649	1.3164586	0.8664745	1.7967482	1.1825943	1.8845701	1.2403975
1533	476318.71, 3849155.61	91.325	61.0474	1.5837272	1.0586642	2.1615257	1.4449014	2.2671774	1.5155258
1534	476318.71, 3849180.61	112.138	74.3588	1.9446537	1.2895046	2.6541306	1.7599604	2.78386	1.8459843
1535	476318.71, 3849205.61	143.653	92.4548	2.4911768	1.6033207	3.4000442	2.1882675	3.5662325	2.2952263
1536	476343.71, 3849030.61	47.5541	28.1786	0.8246669	0.4886643	1.1255338	0.666946	1.180548	0.6995451
1537	476343.71, 3849055.61	49.426	31.9077	0.8571284	0.5533331	1.1698384	0.7552082	1.2270181	0.7921215
1538	476343.71, 3849080.61	54.9165	36.2752	0.9523429	0.6290714	1.2997906	0.8585785	1.3633221	0.9005443
1539	476343.71, 3849105.61	63.8252	41.4469	1.1068355	0.7187585	1.5106473	0.9809865	1.5844852	1.0289354
1540	476343.71, 3849130.61	74.4003	48.7345	1.2902246	0.8451375	1.7609432	1.1534728	1.8470151	1.2098526
1541	476343.71, 3849155.61	88.8748	59.3009	1.541236	1.0283763	2.1035322	1.4035635	2.2063492	1.4721672
1542	476343.71, 3849180.61	108.791	72.2134	1.8866237	1.2523012	2.5749292	1.7091839	2.7007874	1.7927259
1543	476343.71, 3849205.61	137.706	88.8229	2.3880541	1.5403375	3.2592987	2.1023059	3.4186077	2.205063
1544	476343.71, 3849230.61	197.568	109.645	3.4261534	1.9014348	4.6761326	2.595144	4.904694	2.7219902
1545	476368.71, 3849030.61	47.2262	27.9673	0.8189803	0.485	1.1177727	0.6619448	1.1724075	0.6942995
1546	476368.71, 3849055.61	49.3023	31.4186	0.8549846	0.5448501	1.1669125	0.7436302	1.2239492	0.7799776
1547	476368.71, 3849080.61	53.9644	35.1706	0.9358321	0.6099165	1.277256	0.8324352	1.3396861	0.8731232
1548	476368.71, 3849105.61	61.0631	39.6824	1.0589361	0.6881593	1.4452726	0.9392237	1.515915	0.9851313
1549	476368.71, 3849130.61	70.7886	46.233	1.2275924	0.8017571	1.6754606	1.0942658	1.7573542	1.1477517
1550	476368.71, 3849155.61	85.2866	56.8977	1.4790115	0.9867008	2.018606	1.3466833	2.1172721	1.4125069
1551	476368.71, 3849180.61	105.813	70.0313	1.8349743	1.2144594	2.5044364	1.6575362	2.6268489	1.7385537
1552	476368.71, 3849205.61	132.019	85.2981	2.2894239	1.4792103	3.1246848	2.0188773	3.2774141	2.1175566
1553	476368.71, 3849230.61	183.516	104.06	3.1824692	1.8045697	4.343544	2.4629391	4.5558491	2.5833234
1554	473295.03, 3846699.23	9.28481	2.33128	0.1610141	0.0404283	0.2197575	0.0551779	0.2304989	0.0578749
1555	473295.03, 3846749.23	9.39631	2.58868	0.1629476	0.044892	0.2223966	0.0612702	0.2332669	0.064265
1556	473295.03, 3846799.23	9.59417	2.76415	0.1663789	0.047935	0.2270796	0.0654233	0.2381789	0.0686211
1557	473295.03, 3846849.23	11.3354	3.02484	0.1965742	0.0524558	0.2682912	0.0715934	0.2814048	0.0750928
1558	473295.03, 3846899.23	12.8934	3.22867	0.2235925	0.0559905	0.3051668	0.0764178	0.3200828	0.080153
1559	473295.03, 3846949.23	14.1226	3.91119	0.2449087	0.0678265	0.3342598	0.092572	0.3505979	0.0970968
1560	473295.03, 3846999.23	15.0174	4.63385	0.2604267	0.0803587	0.3554394	0.1096763	0.3728126	0.1150371
1561	473295.03, 3847049.23	15.0522	5.08901	0.2610305	0.0882519	0.3562635	0.1204492	0.373677	0.1263366
1562	473295.03, 3847099.23	16.7088	5.30287	0.2897575	0.0919606	0.3954711	0.125511	0.414801	0.1316458
1563	473295.03, 3847149.23	19.5013	5.19803	0.3381843	0.0901425	0.4615656	0.1230296	0.4841261	0.1290431

1564	473295.03, 3847199.23	21.5821	5.00263	0.3742697	0.0867539	0.5108162	0.1184048	0.535784	0.1241922
1565	473345.03, 3846699.23	9.12556	2.27859	0.1582524	0.0395145	0.2159883	0.0539308	0.2265455	0.0565669
1566	473345.03, 3846749.23	9.32233	2.48158	0.1616647	0.0430347	0.2206456	0.0587353	0.2314304	0.0616062
1567	473345.03, 3846799.23	9.4639	2.68149	0.1641198	0.0465015	0.2239963	0.0634669	0.2349449	0.066569
1568	473345.03, 3846849.23	10.0002	2.95644	0.1734192	0.0512696	0.2366886	0.0699745	0.2482575	0.0733947
1569	473345.03, 3846899.23	11.5864	3.14027	0.2009274	0.0544575	0.2742327	0.0743255	0.2876368	0.0779584
1570	473345.03, 3846949.23	13.3306	3.37538	0.2311748	0.0585347	0.3155153	0.0798902	0.3309372	0.0837951
1571	473345.03, 3846999.23	14.9347	4.09124	0.258992	0.0709489	0.3534813	0.0968335	0.3707588	0.1015666
1572	473345.03, 3847049.23	15.6584	4.78311	0.2715425	0.0829471	0.3706106	0.113209	0.3887254	0.1187425
1573	473345.03, 3847099.23	15.8277	5.301	0.2744793	0.0919282	0.3746189	0.1254667	0.3929296	0.1315993
1574	473345.03, 3847149.23	18.3395	5.87477	0.3180381	0.1018783	0.4340694	0.139047	0.455286	0.1458434
1575	473345.03, 3847199.23	21.0281	5.56841	0.3646624	0.0965655	0.4977039	0.1317959	0.5220308	0.1382379
1576	473395.03, 3846699.23	8.85064	2.13058	0.1534848	0.0369478	0.2094814	0.0504276	0.2197205	0.0528925
1577	473395.03, 3846749.23	9.12001	2.37614	0.1581561	0.0412062	0.215857	0.0562397	0.2264077	0.0589886
1578	473395.03, 3846799.23	9.3485	2.65819	0.1621185	0.0460974	0.221265	0.0629154	0.23208	0.0659906
1579	473395.03, 3846849.23	9.52251	2.88166	0.1651362	0.0499728	0.2253835	0.0682046	0.2363999	0.0715383
1580	473395.03, 3846899.23	10.4333	3.13962	0.1809308	0.0544462	0.2469406	0.0743101	0.2590106	0.0779423
1581	473395.03, 3846949.23	12.3511	3.40011	0.2141883	0.0589636	0.2923316	0.0804755	0.3066202	0.084409
1582	473395.03, 3846999.23	14.1522	3.67387	0.245423	0.063711	0.3349618	0.086955	0.3513342	0.0912052
1583	473395.03, 3847049.23	15.5491	4.22009	0.2696476	0.0731834	0.3680244	0.0998832	0.3860128	0.1047653
1584	473395.03, 3847099.23	16.4041	4.94737	0.2844742	0.0857956	0.3882602	0.1170968	0.4072377	0.1228203
1585	473395.03, 3847149.23	15.8297	5.37277	0.2745137	0.0931728	0.3746658	0.1271654	0.3929788	0.133381
1586	473395.03, 3847199.23	20.1388	6.36916	0.3492406	0.1104518	0.4766557	0.1507485	0.4999538	0.1581168
1587	473395.03, 3847249.23	26.6132	7.23888	0.4615163	0.1255342	0.6298934	0.1713334	0.6606815	0.1797079
1588	473445.03, 3846699.23	8.4852	2.08839	0.1471475	0.0362162	0.200832	0.0494291	0.2106483	0.0518451
1589	473445.03, 3846749.23	8.80846	2.3612	0.1527533	0.0409471	0.2084831	0.0558861	0.2186733	0.0586177
1590	473445.03, 3846799.23	9.10409	2.62911	0.1578801	0.0455931	0.2154802	0.0622271	0.2260125	0.0652686
1591	473445.03, 3846849.23	9.36215	2.91315	0.1623553	0.0505189	0.2215881	0.0689499	0.2324189	0.07232
1592	473445.03, 3846899.23	9.56905	3.12857	0.1659432	0.0542546	0.2264851	0.0740486	0.2375553	0.0776679
1593	473445.03, 3846949.23	10.6789	3.42616	0.1851894	0.0594153	0.2527529	0.0810921	0.265107	0.0850557
1594	473445.03, 3846999.23	12.741	3.76882	0.2209498	0.0653576	0.3015599	0.0892023	0.3162996	0.0935624
1595	473445.03, 3847049.23	14.739	4.10648	0.2555993	0.0712132	0.3488508	0.0971942	0.365902	0.1019449
1596	473445.03, 3847099.23	16.0726	4.33369	0.2787256	0.0751534	0.3804144	0.1025719	0.3990084	0.1075855
1597	473445.03, 3847149.23	17.4042	5.15923	0.3018176	0.0894696	0.4119311	0.1221112	0.4320656	0.1280798
1598	473445.03, 3847199.23	19.4087	6.13418	0.3365791	0.1063769	0.4593748	0.1451868	0.4818283	0.1522833
1599	473445.03, 3847249.23	27.1075	8.0402	0.4700888	0.1394304	0.6415934	0.1902995	0.6729534	0.199601
1600	473495.03, 3846699.23	8.05353	2.09854	0.1396616	0.0363922	0.190615	0.0496693	0.1999319	0.052097
1601	473495.03, 3846749.23	8.4089	2.34173	0.1458243	0.0406095	0.1990261	0.0554252	0.2087541	0.0581343
1602	473495.03, 3846799.23	8.75184	2.61715	0.1517715	0.0453857	0.2071429	0.061944	0.2172677	0.0649717
1603	473495.03, 3846849.23	9.07259	2.9452	0.1573338	0.0510747	0.2147346	0.0697085	0.2252305	0.0731157
1604	473495.03, 3846899.23	9.36115	3.25945	0.1623379	0.0565243	0.2215644	0.0771463	0.2323941	0.0809171
1605	473495.03, 3846949.23	9.60294	3.52447	0.166531	0.0611202	0.2272872	0.0834189	0.2383966	0.0874963
1606	473495.03, 3846999.23	11.259	3.81681	0.1952494	0.0661898	0.2664832	0.0903382	0.2795084	0.0947538
1607	473495.03, 3847049.23	12.9507	4.01586	0.2245867	0.0696417	0.3065237	0.0950494	0.321506	0.0996952
1608	473495.03, 3847099.23	14.9768	4.30557	0.2597231	0.0746657	0.3544791	0.1019064	0.3718055	0.1068874
1609	473495.03, 3847149.23	16.7649	4.62542	0.2907307	0.0802125	0.3967994	0.1094768	0.4161942	0.1148278
1610	473495.03, 3847199.23	17.9184	5.62314	0.310735	0.0975146	0.4241019	0.1330913	0.4448313	0.1395966
1611	473495.03, 3847249.23	21.451	6.92221	0.371996	0.1200426	0.507713	0.1638383	0.5325292	0.1718465
1612	473495.03, 3847299.23	26.6576	8.35872	0.4622878	0.1449541	0.6309464	0.1978384	0.661786	0.2075084
1613	473545.03, 3846699.23	7.58017	2.13958	0.1314528	0.0371039	0.1794113	0.0506407	0.1881806	0.0531159
1614	473545.03, 3846749.23	7.94969	2.34467	0.1378608	0.0406605	0.1881573	0.0554948	0.1973541	0.0582073
1615	473545.03, 3846799.23	8.31982	2.62883	0.1442795	0.0455883	0.1969177	0.0622205	0.2065427	0.0652617
1616	473545.03, 3846849.23	8.68121	2.87365	0.1505466	0.0498339	0.2054712	0.068015	0.2155143	0.0713394
1617	473545.03, 3846899.23	9.02759	3.20011	0.1565534	0.0554952	0.2136695	0.0757418	0.2241133	0.0794439
1618	473545.03, 3846949.23	9.34495	3.5016	0.162057	0.0607236	0.221181	0.0828776	0.2319919	0.0869285
1619	473545.03, 3846999.23	9.86644	3.76259	0.1711005	0.0652496	0.2335239	0.0890549	0.2449381	0.0934077

1620	473545.03, 3847049.23	11.6885	4.04169	0.2026977	0.0700896	0.2766488	0.0956607	0.2901709	0.1003365
1621	473545.03, 3847099.23	13.2634	4.18983	0.2300091	0.0726586	0.3139243	0.099167	0.3292684	0.1040141
1622	473545.03, 3847149.23	15.6459	4.54853	0.2713266	0.0788791	0.370316	0.1076569	0.3884164	0.112919
1623	473545.03, 3847199.23	17.3897	5.06274	0.3015662	0.0877963	0.4115879	0.1198275	0.4317056	0.1256844
1624	473545.03, 3847249.23	17.5748	5.70784	0.3047757	0.0989834	0.4159685	0.135096	0.4363003	0.1416993
1625	473545.03, 3847299.23	25.8965	7.60887	0.4490875	0.1319505	0.6129302	0.1800906	0.6428892	0.1888931
1626	473595.03, 3846699.23	7.64704	2.1795	0.1326124	0.0377962	0.180994	0.0515855	0.1898407	0.0541069
1627	473595.03, 3846749.23	7.81362	2.35548	0.1355012	0.0408479	0.1849367	0.0557507	0.1939761	0.0584757
1628	473595.03, 3846799.23	8.00695	2.55656	0.1388538	0.044335	0.1895125	0.0605099	0.1987756	0.0634676
1629	473595.03, 3846849.23	8.3479	2.83472	0.1447665	0.0491588	0.1975823	0.0670936	0.2072398	0.070373
1630	473595.03, 3846899.23	8.59991	3.04973	0.1491367	0.0528874	0.203547	0.0721825	0.213496	0.0757107
1631	473595.03, 3846949.23	9.00394	3.39966	0.1561433	0.0589558	0.2131098	0.0804649	0.2235262	0.0843978
1632	473595.03, 3846999.23	9.50744	3.61712	0.1648748	0.0627269	0.2250269	0.0856118	0.2360258	0.0897964
1633	473595.03, 3847049.23	10.1572	3.89026	0.1761421	0.0674636	0.2404048	0.0920766	0.2521553	0.0965772
1634	473595.03, 3847099.23	11.7955	4.16994	0.2045532	0.0723137	0.2791813	0.0986962	0.2928272	0.1035203
1635	473595.03, 3847149.23	13.6498	4.38245	0.2367099	0.075999	0.3230698	0.103726	0.3388609	0.108796
1636	473595.03, 3847199.23	16.0242	4.73642	0.2778866	0.0821374	0.3792693	0.112104	0.3978073	0.1175834
1637	473595.03, 3847249.23	17.9119	5.20117	0.3106227	0.0901969	0.4239485	0.1231039	0.4446704	0.129121
1638	473595.03, 3847299.23	20.906	6.31904	0.3625445	0.1095827	0.4948132	0.1495622	0.5189989	0.1568726
1639	473645.03, 3846699.23	7.84535	2.17398	0.1360514	0.0377004	0.1856877	0.0514548	0.1947638	0.0539699
1640	473645.03, 3846749.23	8.05431	2.32928	0.1396751	0.0403936	0.1906335	0.0551306	0.1999513	0.0578253
1641	473645.03, 3846799.23	8.29807	2.51058	0.1439023	0.0435376	0.1964029	0.0594217	0.2060027	0.0623261
1642	473645.03, 3846849.23	8.64932	2.75551	0.1499936	0.0477851	0.2047164	0.0652188	0.2147226	0.0684066
1643	473645.03, 3846899.23	8.87487	2.98159	0.153905	0.0517057	0.2100549	0.0705698	0.220322	0.0740191
1644	473645.03, 3846949.23	9.18406	3.27324	0.1592669	0.0567634	0.2173729	0.0774727	0.2279978	0.0812594
1645	473645.03, 3846999.23	9.63054	3.53069	0.1670096	0.061228	0.2279405	0.0835661	0.2390818	0.0876507
1646	473645.03, 3847049.23	10.1728	3.7663	0.1764126	0.0653139	0.240774	0.0891427	0.2525426	0.0934998
1647	473645.03, 3847099.23	10.5642	4.00945	0.1832003	0.0695305	0.2500381	0.0948977	0.2622595	0.0995361
1648	473645.03, 3847149.23	11.7722	4.25962	0.2041488	0.0738689	0.2786294	0.1008188	0.2922483	0.1057467
1649	473645.03, 3847199.23	14.1171	4.59795	0.2448131	0.0797361	0.3341294	0.1088266	0.3504611	0.1141458
1650	473645.03, 3847249.23	16.5976	4.9704	0.2878291	0.086195	0.3928391	0.1176419	0.4120404	0.1233921
1651	473645.03, 3847299.23	18.8201	5.4423	0.3263718	0.0943785	0.4454436	0.1288111	0.4672161	0.1351072
1652	473645.03, 3847349.23	28.4392	7.62627	0.4931827	0.1322522	0.6731128	0.1805024	0.7060134	0.189325
1653	473695.03, 3846699.23	8.01872	2.14609	0.1390579	0.0372168	0.1897911	0.0507947	0.1990678	0.0532775
1654	473695.03, 3846749.23	8.24894	2.2942	0.1430503	0.0397852	0.1952401	0.0543003	0.2047831	0.0569544
1655	473695.03, 3846799.23	8.51891	2.46781	0.1477321	0.0427959	0.2016298	0.0584094	0.2114852	0.0612643
1656	473695.03, 3846849.23	9.0107	2.6736	0.1562605	0.0463647	0.2132698	0.0632801	0.223694	0.0663731
1657	473695.03, 3846899.23	9.2639	2.87415	0.1606514	0.0498425	0.2192626	0.0680268	0.2299798	0.0713519
1658	473695.03, 3846949.23	9.78678	3.14375	0.169719	0.0545179	0.2316384	0.0744079	0.2429605	0.0780448
1659	473695.03, 3846999.23	9.77065	3.38979	0.1694393	0.0587846	0.2312566	0.0802313	0.2425601	0.0841528
1660	473695.03, 3847049.23	10.3212	3.64078	0.1789863	0.0631372	0.2442866	0.0861718	0.2562269	0.0903837
1661	473695.03, 3847099.23	11.2515	3.9277	0.1951197	0.0681129	0.2663061	0.0929628	0.2793227	0.0975066
1662	473695.03, 3847149.23	11.8135	4.19893	0.2048656	0.0728164	0.2796076	0.0993824	0.2932744	0.10424
1663	473695.03, 3847199.23	12.177	4.47293	0.2111696	0.077568	0.2882116	0.1058676	0.3022989	0.1110422
1664	473695.03, 3847249.23	14.5821	4.81613	0.2528775	0.0835197	0.345136	0.1139906	0.3620056	0.1195622
1665	473695.03, 3847299.23	16.8326	5.12673	0.2919051	0.088906	0.3984022	0.121342	0.4178754	0.127273
1666	473695.03, 3847349.23	22.7532	6.1473	0.3945785	0.1066044	0.5385344	0.1454974	0.564857	0.152609
1667	473745.03, 3846699.23	7.99575	2.05217	0.1386596	0.035588	0.1892474	0.0485718	0.1984975	0.0509459
1668	473745.03, 3846749.23	8.30761	2.21964	0.1440678	0.0384922	0.1966287	0.0525356	0.2062396	0.0551034
1669	473745.03, 3846799.23	8.7985	2.39391	0.1525806	0.0415144	0.2082473	0.0566603	0.2184261	0.0594297
1670	473745.03, 3846849.23	9.63224	2.59205	0.1670391	0.0449505	0.2279807	0.0613499	0.239124	0.0643486
1671	473745.03, 3846899.23	10.0698	2.77263	0.1746278	0.048082	0.238338	0.065624	0.2499876	0.0688316
1672	473745.03, 3846949.23	10.6884	3.00761	0.1853543	0.052157	0.2529779	0.0711856	0.2653431	0.0746651
1673	473745.03, 3846999.23	10.8706	3.23503	0.1885136	0.0561008	0.2572899	0.0765683	0.2698658	0.0803108
1674	473745.03, 3847049.23	10.9124	3.48873	0.1892383	0.0605004	0.258279	0.082573	0.2709032	0.086609
1675	473745.03, 3847099.23	11.0123	3.75091	0.1909719	0.065047	0.2606451	0.0887784	0.273385	0.0931178

1676	473745.03, 3847149.23	11.7664	4.00898	0.2040491	0.0695224	0.2784933	0.0948866	0.2921056	0.0995244
1677	473745.03, 3847199.23	12.731	4.33775	0.220776	0.0752238	0.3013227	0.102668	0.3160509	0.1076863
1678	473745.03, 3847249.23	13.2598	4.65221	0.2299461	0.0806771	0.3138384	0.1101108	0.3291783	0.1154929
1679	473745.03, 3847299.23	14.4832	4.88509	0.2511623	0.0847156	0.3427949	0.1156228	0.3595502	0.1212742
1680	473745.03, 3847349.23	17.1087	5.28779	0.296694	0.0916991	0.4049382	0.1251541	0.4247309	0.1312714
1681	473745.03, 3847399.23	19.4548	5.67261	0.3373786	0.0983725	0.460466	0.1342622	0.4829728	0.1408247
1682	473795.03, 3846699.23	7.86777	1.942	0.1364402	0.0336775	0.1862183	0.0459642	0.1953204	0.0482109
1683	473795.03, 3846749.23	8.20005	2.09864	0.1422025	0.0363939	0.1940829	0.0496717	0.2035693	0.0520995
1684	473795.03, 3846799.23	8.53474	2.27125	0.1480066	0.0393873	0.2020045	0.0537571	0.2118781	0.0563846
1685	473795.03, 3846849.23	9.48915	2.4647	0.1645576	0.042742	0.224594	0.0583358	0.2355717	0.0611871
1686	473795.03, 3846899.23	10.3784	2.66424	0.1799782	0.0462024	0.2456405	0.0630586	0.257647	0.0661408
1687	473795.03, 3846949.23	11.1465	2.87444	0.193299	0.0498476	0.2638212	0.0680337	0.2767163	0.0713591
1688	473795.03, 3846999.23	11.5807	3.08159	0.2008286	0.0534399	0.2740978	0.0729366	0.2874953	0.0765016
1689	473795.03, 3847049.23	11.7889	3.30547	0.204439	0.0573223	0.2790254	0.0782355	0.2926636	0.0820595
1690	473795.03, 3847099.23	11.523	3.52201	0.1998283	0.0610775	0.2727326	0.0833607	0.2860633	0.0874352
1691	473795.03, 3847149.23	10.9788	3.74912	0.1903913	0.065016	0.2598527	0.0887361	0.2725539	0.0930733
1692	473795.03, 3847199.23	12.1635	4.07291	0.2109357	0.070631	0.2878923	0.0963997	0.301964	0.1011115
1693	473795.03, 3847249.23	13.3202	4.42741	0.2309943	0.0767787	0.3152689	0.1047902	0.3306787	0.1099121
1694	473795.03, 3847299.23	13.0593	4.64257	0.2264696	0.0805099	0.3090936	0.1098827	0.3242016	0.1152536
1695	473795.03, 3847349.23	14.6185	5.01314	0.2535093	0.0869362	0.3459982	0.1186535	0.36291	0.1244531
1696	473795.03, 3847399.23	18.4058	5.69696	0.3191877	0.0987948	0.4356384	0.1348385	0.4569317	0.1414292
1697	473845.03, 3846699.23	7.58587	1.81978	0.1315516	0.031558	0.1795462	0.0430715	0.1883221	0.0451767
1698	473845.03, 3846749.23	7.99265	1.97447	0.1386058	0.0342406	0.1891741	0.0467327	0.1984206	0.049017
1699	473845.03, 3846799.23	8.38212	2.14264	0.1453599	0.0371569	0.1983922	0.0507131	0.2080893	0.0531918
1700	473845.03, 3846849.23	8.9751	2.3193	0.1556432	0.0402205	0.2124272	0.0548944	0.2228102	0.0575775
1701	473845.03, 3846899.23	9.95658	2.51143	0.1726637	0.0435524	0.2356573	0.0594418	0.2471759	0.0623472
1702	473845.03, 3846949.23	10.9334	2.71658	0.1896033	0.04711	0.2587772	0.0642974	0.2714258	0.0674401
1703	473845.03, 3846999.23	11.7438	2.9254	0.2036575	0.0507313	0.2779589	0.0692398	0.291545	0.0726242
1704	473845.03, 3847049.23	12.2869	3.13683	0.2130756	0.0543979	0.290813	0.0742441	0.3050274	0.077873
1705	473845.03, 3847099.23	12.2173	3.32251	0.2118688	0.0576179	0.2891659	0.0786388	0.3032998	0.0824826
1706	473845.03, 3847149.23	11.9483	3.53352	0.2072036	0.0612771	0.2827986	0.0836331	0.2966213	0.087721
1707	473845.03, 3847199.23	11.766	3.80266	0.2040427	0.0659444	0.2784845	0.0900033	0.2920964	0.0944025
1708	473845.03, 3847249.23	12.663	4.15203	0.2195966	0.0720031	0.2997131	0.0982723	0.3143625	0.1030757
1709	473845.03, 3847299.23	12.983	4.38885	0.2251461	0.07611	0.3072872	0.1038775	0.3223069	0.1089549
1710	473845.03, 3847349.23	13.738	4.74505	0.2382393	0.0822871	0.3251572	0.1123082	0.3410503	0.1177977
1711	473845.03, 3847399.23	14.9174	5.18759	0.2586924	0.0899614	0.3530723	0.1227825	0.3703298	0.1287839
1712	473845.03, 3847449.23	20.1495	6.08411	0.3494253	0.1055086	0.4769078	0.1440018	0.5002182	0.1510403
1713	473895.03, 3846699.23	7.47162	1.85703	0.1295703	0.032204	0.1768421	0.0439531	0.1854858	0.0461015
1714	473895.03, 3846749.23	7.62686	1.90037	0.1322624	0.0329556	0.1805163	0.0449789	0.1893397	0.0471774
1715	473895.03, 3846799.23	8.04459	1.99005	0.1395066	0.0345108	0.1904034	0.0471015	0.19971	0.0494037
1716	473895.03, 3846849.23	8.47551	2.15994	0.1469794	0.037457	0.2006026	0.0511225	0.2104077	0.0536213
1717	473895.03, 3846899.23	9.16884	2.33716	0.1590029	0.0405302	0.2170127	0.0553171	0.2276199	0.0580209
1718	473895.03, 3846949.23	10.2615	2.5404	0.177952	0.0440548	0.242875	0.0601275	0.2547464	0.0630664
1719	473895.03, 3846999.23	11.3415	2.75439	0.1966806	0.0477657	0.2684365	0.0651923	0.2815573	0.0683788
1720	473895.03, 3847049.23	12.2241	2.96598	0.2119866	0.051435	0.2893266	0.0702003	0.3034684	0.0736316
1721	473895.03, 3847099.23	12.6997	3.16255	0.2202336	0.0548439	0.3005824	0.0748528	0.3152744	0.0785115
1722	473895.03, 3847149.23	12.5939	3.33584	0.2183985	0.057849	0.2980778	0.0789543	0.3126473	0.0828135
1723	473895.03, 3847199.23	12.1703	3.5229	0.2110532	0.0610929	0.2880528	0.0833818	0.3021323	0.0874573
1724	473895.03, 3847249.23	12.9195	4.03186	0.2240463	0.0699192	0.3057862	0.0954281	0.3207325	0.1000924
1725	473895.03, 3847299.23	12.6516	4.32446	0.2193993	0.0749933	0.2994437	0.1023535	0.31408	0.1073564
1726	473895.03, 3847349.23	13.0877	4.42497	0.2269625	0.0767363	0.3097663	0.1047324	0.3249071	0.1098516
1727	473895.03, 3847399.23	16.0956	5.06601	0.2791241	0.087853	0.3809583	0.1199049	0.3995789	0.1257656
1728	473895.03, 3847449.23	20.5698	5.97287	0.3567142	0.1035795	0.4868559	0.1413689	0.5106526	0.1482788
1729	473945.03, 3846699.23	7.6532	1.87265	0.1327192	0.0324749	0.1811398	0.0443228	0.1899936	0.0464892
1730	473945.03, 3846749.23	7.91444	1.93167	0.1372496	0.0334984	0.1873229	0.0457197	0.196479	0.0479544
1731	473945.03, 3846799.23	8.19145	1.99348	0.1420534	0.0345703	0.1938793	0.0471827	0.2033558	0.0494889

1732	473945.03, 3846849.23	8.46886	2.05619	0.1468641	0.0356578	0.2004452	0.0486669	0.2102426	0.0510457
1733	473945.03, 3846899.23	8.82363	2.1674	0.1530164	0.0375863	0.2088421	0.0512991	0.2190499	0.0538065
1734	473945.03, 3846949.23	9.27617	2.34539	0.1608642	0.040673	0.219553	0.0555119	0.2302844	0.0582252
1735	473945.03, 3846999.23	10.3042	2.54047	0.1786914	0.044056	0.2438843	0.0601291	0.2558049	0.0630681
1736	473945.03, 3847049.23	11.4481	2.75981	0.1985282	0.0478597	0.2709582	0.0653206	0.2842022	0.0685133
1737	473945.03, 3847099.23	12.4976	2.9863	0.2167293	0.0517874	0.2957997	0.0706812	0.3102579	0.074136
1738	473945.03, 3847149.23	12.715	3.14812	0.2204984	0.0545936	0.3009438	0.0745113	0.3156534	0.0781533
1739	473945.03, 3847199.23	12.8487	3.33939	0.2228173	0.0579106	0.3041088	0.0790384	0.3189731	0.0829016
1740	473945.03, 3847249.23	13.6444	3.85938	0.2366159	0.0669281	0.3229416	0.0913457	0.3387264	0.0958106
1741	473945.03, 3847299.23	13.0193	4.13622	0.2257767	0.0717289	0.3081478	0.0978981	0.3232095	0.1026832
1742	473945.03, 3847349.23	11.4757	4.18575	0.1990076	0.0725879	0.2716124	0.0990704	0.2848883	0.1039128
1743	473945.03, 3847399.23	14.0143	4.63965	0.2430304	0.0804592	0.3316963	0.1098136	0.3479091	0.1151811
1744	473945.03, 3847449.23	16.2244	5.0926	0.2813574	0.0883142	0.3840063	0.1205342	0.4027759	0.1264257
1745	473995.03, 3846699.23	7.68049	1.85625	0.1331925	0.0321905	0.1817857	0.0439347	0.1906711	0.0460821
1746	473995.03, 3846749.23	8.03141	1.93034	0.139278	0.0334753	0.1900914	0.0456883	0.1993828	0.0479214
1747	473995.03, 3846799.23	8.36876	2.00308	0.1451282	0.0347367	0.198076	0.0474099	0.2077576	0.0497272
1748	473995.03, 3846849.23	8.67272	2.07162	0.1503994	0.0359253	0.2052703	0.0490321	0.2153036	0.0514287
1749	473995.03, 3846899.23	8.97449	2.14001	0.1556326	0.0371113	0.2124127	0.0506508	0.2227951	0.0531266
1750	473995.03, 3846949.23	9.3037	2.21322	0.1613416	0.0383809	0.2202046	0.0523836	0.2309679	0.054944
1751	473995.03, 3846999.23	9.58927	2.34644	0.1662939	0.0406912	0.2269637	0.0555367	0.2380573	0.0582513
1752	473995.03, 3847049.23	10.3266	2.53874	0.1790804	0.044026	0.2444152	0.0600882	0.2563617	0.0630252
1753	473995.03, 3847099.23	11.5877	2.92295	0.2009496	0.0506888	0.274263	0.0691818	0.2876685	0.0725633
1754	473995.03, 3847149.23	12.7553	3.35125	0.2211973	0.0581162	0.3018977	0.0793191	0.3166539	0.083196
1755	473995.03, 3847199.23	12.8062	3.4638	0.2220806	0.0600681	0.3031033	0.081983	0.3179185	0.0859901
1756	473995.03, 3847249.23	13.9349	3.71527	0.2416545	0.064429	0.3298184	0.0879349	0.3459394	0.092233
1757	473995.03, 3847299.23	13.644	3.88241	0.2366095	0.0673274	0.3229328	0.0918908	0.3387172	0.0963823
1758	473995.03, 3847349.23	11.3668	3.85996	0.1971189	0.0669381	0.2690347	0.0913595	0.2821846	0.095825
1759	473995.03, 3847399.23	11.1077	4.12492	0.1926251	0.071533	0.2629014	0.0976307	0.2757516	0.1024027
1760	473995.03, 3847449.23	12.8035	4.4859	0.2220335	0.077793	0.303039	0.1061745	0.317851	0.1113642
1761	474045.03, 3846699.23	7.83364	1.84659	0.1358483	0.0320229	0.1854105	0.043706	0.1944731	0.0458423
1762	474045.03, 3846749.23	8.13251	1.91548	0.1410313	0.0332176	0.1924843	0.0453365	0.2018926	0.0475525
1763	474045.03, 3846799.23	8.38554	1.97898	0.1454192	0.0343188	0.1984732	0.0468395	0.2081742	0.0491289
1764	474045.03, 3846849.23	8.64304	2.04407	0.1498847	0.0354476	0.2045678	0.0483801	0.2145667	0.0507448
1765	474045.03, 3846899.23	9.01975	2.12624	0.1564175	0.0368725	0.213484	0.0503249	0.2239187	0.0527847
1766	474045.03, 3846949.23	9.49378	2.22166	0.1646379	0.0385273	0.2247035	0.0525834	0.2356867	0.0551535
1767	474045.03, 3846999.23	9.84341	2.33092	0.1707011	0.040422	0.2329788	0.0551694	0.2443664	0.057866
1768	474045.03, 3847049.23	10.2928	2.69683	0.1784941	0.0467675	0.2436149	0.0638299	0.2555224	0.0669498
1769	474045.03, 3847099.23	10.4873	3.03952	0.1818677	0.0527103	0.2482194	0.0719409	0.2603519	0.0754572
1770	474045.03, 3847149.23	11.8301	3.51812	0.2051527	0.0610101	0.2799996	0.0832686	0.2936855	0.0873387
1771	474045.03, 3847199.23	12.9437	3.80025	0.2244656	0.0659027	0.3063585	0.0899462	0.3213327	0.0943426
1772	474045.03, 3847249.23	13.7005	3.8501	0.23759	0.0667671	0.324271	0.0911261	0.3401208	0.0955802
1773	474045.03, 3847299.23	14.1439	3.81336	0.2452794	0.06613	0.3347659	0.0902565	0.3511287	0.0946681
1774	474045.03, 3847349.23	13.1465	3.75878	0.2279824	0.0651835	0.3111582	0.0889647	0.3263671	0.0933131
1775	474045.03, 3847399.23	12.2036	3.918	0.2116307	0.0679446	0.2888409	0.0927332	0.302959	0.0972658
1776	474045.03, 3847449.23	12.5821	4.2959	0.2181952	0.0744981	0.2978004	0.1016775	0.3123564	0.1066473
1777	474095.03, 3846699.23	8.14108	1.85536	0.1411799	0.032175	0.1926872	0.0439136	0.2021054	0.04606
1778	474095.03, 3846749.23	8.40077	1.91941	0.1456833	0.0332858	0.1988336	0.0454296	0.2085523	0.0476501
1779	474095.03, 3846799.23	8.6151	1.97871	0.1494002	0.0343141	0.2039065	0.0468331	0.2138731	0.0491222
1780	474095.03, 3846849.23	8.83508	2.04036	0.153215	0.0353832	0.2091131	0.0482923	0.2193342	0.0506527
1781	474095.03, 3846899.23	9.15967	2.1177	0.1588439	0.0367244	0.2167957	0.0501228	0.2273923	0.0525727
1782	474095.03, 3846949.23	9.55054	2.20439	0.1656223	0.0382278	0.226047	0.0521746	0.2370958	0.0547248
1783	474095.03, 3846999.23	9.99041	2.43593	0.1732503	0.0422431	0.236458	0.0576548	0.2480157	0.0604729
1784	474095.03, 3847049.23	10.4189	2.79454	0.1806805	0.048462	0.246599	0.0661426	0.2586524	0.0693755
1785	474095.03, 3847099.23	10.7843	3.20447	0.1870177	0.0555708	0.2552482	0.075845	0.2677243	0.0795522
1786	474095.03, 3847149.23	11.1817	3.61611	0.1939098	0.0627094	0.2646548	0.0855879	0.2775907	0.0897713
1787	474095.03, 3847199.23	11.9562	3.89775	0.2073395	0.0675935	0.2829842	0.0922539	0.2968159	0.0967631

1788	474095.03, 3847249.23	13.0148	3.98806	0.225699	0.0691596	0.3080418	0.0943914	0.3230983	0.0990051
1789	474095.03, 3847299.23	13.5652	3.90472	0.2352428	0.0677143	0.3210675	0.0924189	0.3367607	0.0969361
1790	474095.03, 3847349.23	12.9912	3.57924	0.2252892	0.06207	0.3074825	0.0847152	0.3225117	0.088856
1791	474095.03, 3847399.23	11.539	3.48144	0.2001049	0.060374	0.2731101	0.0824005	0.2864593	0.0864281
1792	474095.03, 3847449.23	13.6136	4.05371	0.2360819	0.0702981	0.3222128	0.0959452	0.337962	0.1006349
1793	474145.03, 3846699.23	8.44833	1.86795	0.1465081	0.0323934	0.1999593	0.0442116	0.209733	0.0463726
1794	474145.03, 3846749.23	8.6961	1.9279	0.1508048	0.033433	0.2058237	0.0456305	0.215884	0.0478608
1795	474145.03, 3846799.23	8.95201	1.99138	0.1552427	0.0345338	0.2118807	0.047133	0.222237	0.0494368
1796	474145.03, 3846849.23	9.22595	2.05945	0.1599933	0.0357143	0.2183644	0.0487441	0.2290377	0.0511266
1797	474145.03, 3846899.23	9.55178	2.13609	0.1656438	0.0370434	0.2260763	0.050558	0.2371265	0.0530292
1798	474145.03, 3846949.23	9.73689	2.21164	0.1688539	0.0383535	0.2304576	0.0523462	0.241722	0.0549048
1799	474145.03, 3846999.23	10.0926	2.51448	0.1750221	0.0436053	0.2388762	0.059514	0.2505521	0.0624229
1800	474145.03, 3847049.23	10.5746	2.89495	0.1833808	0.0502032	0.2502845	0.0685191	0.2625179	0.0718682
1801	474145.03, 3847099.23	10.9571	3.31496	0.1900143	0.0574869	0.2593381	0.0784601	0.2720141	0.0822951
1802	474145.03, 3847149.23	11.3947	3.68605	0.1976032	0.0639222	0.2696957	0.0872433	0.282878	0.0915076
1803	474145.03, 3847199.23	11.7578	3.9133	0.2038989	0.0678631	0.2782883	0.0926219	0.2918906	0.0971492
1804	474145.03, 3847249.23	12.3353	4.14946	0.2139144	0.0719585	0.2919578	0.0982115	0.3062282	0.1030119
1805	474145.03, 3847299.23	13.0916	4.16313	0.2270299	0.0721956	0.3098583	0.098535	0.3250037	0.1033513
1806	474145.03, 3847349.23	13.0747	3.8801	0.2267369	0.0672874	0.3094583	0.0918362	0.3245841	0.0963249
1807	474145.03, 3847399.23	12.4007	3.65305	0.2150489	0.06335	0.2935062	0.0864622	0.3078523	0.0906883
1808	474145.03, 3847449.23	13.7018	3.93785	0.2376127	0.0682889	0.324302	0.093203	0.3401534	0.0977586
1809	474195.03, 3846699.23	8.54138	1.86059	0.1481217	0.0322657	0.2021617	0.0440374	0.212043	0.0461898
1810	474195.03, 3846749.23	8.77519	1.91257	0.1521764	0.0331671	0.2076956	0.0452677	0.2178474	0.0474803
1811	474195.03, 3846799.23	8.82351	1.94007	0.1530143	0.033644	0.2088393	0.0459186	0.219047	0.048163
1812	474195.03, 3846849.23	8.69814	1.94624	0.1508402	0.033751	0.2058719	0.0460646	0.2159346	0.0483161
1813	474195.03, 3846899.23	9.26184	2.05523	0.1606157	0.0356411	0.2192139	0.0486442	0.2299287	0.0510219
1814	474195.03, 3846949.23	9.65588	2.23463	0.167449	0.0387522	0.2285402	0.0528903	0.2397109	0.0554755
1815	474195.03, 3846999.23	10.2239	2.57859	0.1772986	0.044717	0.2419832	0.0610314	0.2538109	0.0640145
1816	474195.03, 3847049.23	10.5457	2.93216	0.1828807	0.0508485	0.2496019	0.0693998	0.261802	0.072792
1817	474195.03, 3847099.23	10.8408	3.29795	0.1879977	0.0571919	0.2565857	0.0780575	0.2691272	0.0818729
1818	474195.03, 3847149.23	11.097	3.55658	0.1924401	0.061677	0.2626489	0.0841789	0.2754867	0.0882934
1819	474195.03, 3847199.23	11.4801	3.77107	0.1990846	0.0653966	0.2717175	0.0892556	0.2849986	0.0936182
1820	474195.03, 3847249.23	12.2133	4.06675	0.2117993	0.0705242	0.289071	0.0962539	0.3032003	0.1009586
1821	474195.03, 3847299.23	12.8929	4.33358	0.223584	0.0751515	0.3051552	0.1025693	0.3200706	0.1075828
1822	474195.03, 3847349.23	12.8684	4.27257	0.2231596	0.0740935	0.304576	0.1011253	0.3194631	0.1060682
1823	474195.03, 3847399.23	12.7952	3.98595	0.2218892	0.069123	0.302842	0.0943415	0.3176444	0.0989527
1824	474195.03, 3847449.23	13.4853	4.25811	0.2338581	0.0738427	0.3191776	0.1007831	0.3347784	0.1057092
1825	474245.03, 3847049.23	10.2673	2.87149	0.1780512	0.0497964	0.2430104	0.0679639	0.2548884	0.0712858
1826	474245.03, 3847099.23	10.5069	3.16363	0.1822071	0.0548626	0.2486826	0.0748784	0.2608378	0.0785383
1827	474245.03, 3847149.23	11.3354	3.53972	0.196575	0.0613846	0.2682924	0.0837799	0.2814061	0.0878749
1828	474245.03, 3847199.23	11.841	3.78725	0.2053426	0.0656772	0.2802587	0.0896385	0.2939573	0.0940199
1829	474245.03, 3847249.23	12.2979	4.01305	0.2132655	0.069593	0.2910722	0.0949829	0.3052993	0.0996255
1830	474245.03, 3847299.23	13.151	4.35523	0.2280595	0.0755269	0.3112635	0.1030818	0.3264776	0.1081202
1831	474245.03, 3847349.23	13.567	4.54856	0.2352737	0.0788796	0.3211096	0.1076576	0.3368049	0.1129197
1832	474245.03, 3847399.23	13.1609	4.51751	0.2282317	0.0783411	0.3114985	0.1069227	0.3267241	0.1121489
1833	474245.03, 3847449.23	13.2441	4.74892	0.2296749	0.0823542	0.3134682	0.1123998	0.32879	0.1178937
1834	474659.97, 3847690.24	19.2409	11.733	0.3336696	0.2034699	0.4554037	0.2777028	0.4776631	0.2912764
1835	474659.97, 3847740.24	23.1299	12.5921	0.4011102	0.2183674	0.5474491	0.2980354	0.5742075	0.3126029
1836	474709.97, 3847640.24	15.2272	9.43776	0.2640657	0.1636665	0.360406	0.2233776	0.378022	0.234296
1837	474709.97, 3847690.24	17.5055	10.5639	0.3035738	0.1831947	0.414328	0.2500305	0.4345797	0.2622516
1838	474709.97, 3847740.24	21.6384	11.6703	0.3752465	0.2023829	0.5121495	0.2762192	0.5371824	0.2897204
1839	474759.97, 3847540.24	14.6792	7.54375	0.2545611	0.1308212	0.3474337	0.1785493	0.3644157	0.1872764
1840	474759.97, 3847590.24	14.0236	8.00746	0.243192	0.1388627	0.3319169	0.1895246	0.3481404	0.1987882
1841	474759.97, 3847640.24	13.6366	8.47027	0.2364808	0.1468886	0.3227572	0.2004786	0.338533	0.2102777
1842	474759.97, 3847690.24	15.8632	9.5087	0.2750941	0.1648967	0.3754579	0.2250567	0.3938097	0.2360571
1843	474759.97, 3847740.24	20.1437	10.753	0.3493253	0.1864756	0.4767712	0.2545083	0.500075	0.2669483

1844	474759.97, 3847790.24	23.3616	11.7867	0.4051295	0.2044006	0.5529348	0.2789731	0.5799613	0.2926088
1845	474809.97, 3847490.24	13.057	6.07366	0.2264308	0.1053274	0.3090406	0.1437544	0.324146	0.1507809
1846	474809.97, 3847540.24	13.9647	7.10614	0.2421706	0.1232323	0.3305228	0.1681917	0.3466782	0.1764126
1847	474809.97, 3847590.24	13.3915	7.6044	0.2322304	0.1318729	0.316956	0.1799848	0.3324483	0.1887821
1848	474809.97, 3847640.24	13.0696	8.09672	0.2266481	0.1404106	0.3093371	0.1916372	0.324457	0.2010041
1849	474809.97, 3847690.24	14.8242	8.94302	0.2570754	0.1550868	0.3508654	0.2116679	0.3680151	0.2220139
1850	474809.97, 3847740.24	18.98	10.1021	0.3291446	0.1751879	0.4492279	0.2391025	0.4711854	0.2507894
1851	474809.97, 3847790.24	22.4376	11.3067	0.3891057	0.1960775	0.5310648	0.2676134	0.5570224	0.2806938
1852	474809.97, 3847840.24	25.2651	12.5136	0.4381389	0.2170061	0.5979871	0.2961775	0.6272157	0.3106541
1853	474859.97, 3847440.24	11.6996	4.88279	0.2028897	0.0846757	0.2769108	0.1155683	0.2904457	0.1212171
1854	474859.97, 3847490.24	12.5359	5.77176	0.2173925	0.1000919	0.2967048	0.1366089	0.3112072	0.1432861
1855	474859.97, 3847540.24	13.3587	6.74217	0.2316614	0.1169204	0.3161795	0.1595771	0.3316338	0.1673769
1856	474859.97, 3847590.24	13.2729	7.48467	0.2301747	0.1297966	0.3141504	0.1771509	0.3295055	0.1858098
1857	474859.97, 3847640.24	12.8019	7.88804	0.2220062	0.1367917	0.3030018	0.1866981	0.317812	0.1958236
1858	474859.97, 3847690.24	14.2057	8.69331	0.2463498	0.1507565	0.3362267	0.2057576	0.3526609	0.2158147
1859	474859.97, 3847740.24	18.0656	9.63646	0.3132877	0.1671122	0.4275859	0.2280806	0.4484856	0.2392288
1860	474859.97, 3847790.24	21.5699	10.8672	0.3740578	0.1884548	0.510527	0.2572096	0.5354807	0.2697816
1861	474859.97, 3847840.24	24.5485	12.184	0.425712	0.2112908	0.5810265	0.288377	0.609426	0.3024724
1862	474859.97, 3847890.24	27.2414	13.2074	0.4724107	0.2290385	0.6447624	0.3125996	0.6762773	0.3278789
1863	474909.97, 3847440.24	11.0924	4.61757	0.1923614	0.0800763	0.2625414	0.109291	0.275374	0.1146329
1864	474909.97, 3847490.24	12.1075	5.52781	0.2099638	0.0958614	0.2865659	0.130835	0.3005728	0.13723
1865	474909.97, 3847540.24	12.5076	6.26118	0.2169031	0.1085793	0.2960369	0.1481927	0.3105066	0.1554362
1866	474909.97, 3847590.24	12.5217	7.03211	0.2171473	0.1219485	0.2963701	0.1664395	0.3108562	0.1745748
1867	474909.97, 3847640.24	12.7391	7.79075	0.2209177	0.1351046	0.3015161	0.1843954	0.3162537	0.1934083
1868	474909.97, 3847690.24	13.7527	8.56301	0.2384943	0.1484968	0.3255053	0.2026736	0.3414155	0.21258
1869	474909.97, 3847740.24	17.3984	9.35248	0.3017174	0.1621876	0.4117943	0.2213592	0.4319221	0.2321788
1870	474909.97, 3847790.24	20.7877	10.4894	0.360493	0.1819033	0.4920132	0.2482679	0.516062	0.2604028
1871	474909.97, 3847840.24	23.6922	11.734	0.4108622	0.2034869	0.5607589	0.277726	0.5881678	0.2913007
1872	474909.97, 3847890.24	26.3316	12.7519	0.4566337	0.221139	0.6232295	0.3018181	0.6536919	0.3165705
1873	474909.97, 3847940.24	28.3541	13.4427	0.4917069	0.2331191	0.6710986	0.318169	0.7039007	0.3337206
1874	474959.97, 3847490.24	11.611	5.25392	0.2013534	0.0911117	0.274814	0.1243524	0.2882465	0.1304305
1875	474959.97, 3847540.24	12.03	5.98474	0.2086206	0.1037853	0.2847325	0.1416498	0.2986498	0.1485734
1876	474959.97, 3847590.24	12.2129	6.81833	0.2117917	0.1182412	0.2890606	0.1613797	0.3031894	0.1692676
1877	474959.97, 3847640.24	12.9158	7.8252	0.2239808	0.135702	0.3056967	0.1852108	0.3206386	0.1942635
1878	474959.97, 3847690.24	13.7699	8.66271	0.2387935	0.1502258	0.3259136	0.2050334	0.3418437	0.215055
1879	474959.97, 3847740.24	16.7419	9.07205	0.2903315	0.1573244	0.3962545	0.2147218	0.4156228	0.2252171
1880	474959.97, 3847790.24	20.3588	10.3827	0.353056	0.1800528	0.481863	0.2457422	0.5054156	0.2577537
1881	474959.97, 3847840.24	23.0171	11.4185	0.3991555	0.1980158	0.5447812	0.2702588	0.5714092	0.2834686
1882	474959.97, 3847890.24	25.3664	12.2646	0.4398954	0.2126882	0.6003844	0.2902842	0.6297302	0.3044728
1883	474959.97, 3847940.24	27.4867	13.0015	0.4766654	0.2254668	0.6505695	0.3077248	0.6823682	0.3227659
1884	474959.97, 3847990.24	29.8662	13.7275	0.5179299	0.238058	0.7068887	0.3249098	0.7414402	0.3407909
1885	475009.97, 3847540.24	12.5603	6.23131	0.2178158	0.1080613	0.2972825	0.1474858	0.3118132	0.1546946
1886	475009.97, 3847590.24	12.6005	6.97414	0.2185142	0.1209432	0.2982357	0.1650674	0.3128129	0.1731357
1887	475009.97, 3847640.24	12.985	7.80458	0.2251817	0.1353444	0.3073357	0.1847227	0.3223578	0.1937516
1888	475009.97, 3847690.24	13.661	8.55175	0.236905	0.1483016	0.3233361	0.2024071	0.3391402	0.2123004
1889	475009.97, 3847740.24	16.823	9.3839	0.2917383	0.1627324	0.3981745	0.2221029	0.4176366	0.2329589
1890	475009.97, 3847790.24	19.8592	10.2202	0.3443909	0.1772349	0.4700366	0.2418963	0.4930111	0.2537198
1891	475009.97, 3847840.24	22.2071	10.9855	0.3851081	0.1905063	0.5256088	0.2600096	0.5512996	0.2727184
1892	475009.97, 3847890.24	24.328	11.7374	0.4218876	0.2035455	0.5758068	0.277806	0.6039513	0.2913846
1893	475009.97, 3847940.24	26.4806	12.4801	0.4592168	0.2164262	0.6267549	0.295386	0.6573897	0.3098239
1894	475009.97, 3847990.24	28.6065	13.1511	0.4960848	0.2280625	0.6770737	0.3112675	0.7101679	0.3264818
1895	475059.97, 3847590.24	13.0554	7.17681	0.2264022	0.1244578	0.3090015	0.1698643	0.324105	0.178167
1896	475059.97, 3847640.24	12.9738	7.7432	0.2249873	0.13428	0.3070704	0.1832699	0.3220795	0.1922279
1897	475059.97, 3847690.24	13.2185	8.25464	0.2292311	0.1431492	0.3128626	0.195375	0.3281548	0.2049246
1898	475059.97, 3847740.24	15.8619	8.83846	0.2750717	0.1532736	0.3754274	0.2091931	0.3937777	0.2194181
1899	475059.97, 3847790.24	18.6934	9.51568	0.3241753	0.1650177	0.4424457	0.2252219	0.4640717	0.2362304

1900	475059.97, 3847840.24	21.0251	10.2563	0.3646097	0.1778604	0.4976319	0.2427501	0.5219553	0.2546153
1901	475059.97, 3847890.24	22.7368	10.8541	0.3942932	0.1882285	0.538145	0.2569008	0.5644487	0.2694576
1902	475059.97, 3847940.24	25.1951	11.7998	0.4369253	0.2046275	0.5963307	0.2792826	0.6254784	0.2929335
1903	475059.97, 3847990.24	27.2916	12.4882	0.4732823	0.2165658	0.645952	0.2955765	0.677525	0.3100238
1904	475059.97, 3848040.24	29.3246	12.957	0.508538	0.2246952	0.6940703	0.3066718	0.7279953	0.3216614
1905	475109.97, 3847640.24	13.7368	8.12971	0.2382188	0.1409827	0.3251292	0.1924181	0.341021	0.2018231
1906	475109.97, 3847690.24	13.1064	8.15004	0.2272861	0.1413353	0.3102079	0.1928992	0.3253703	0.2023278
1907	475109.97, 3847740.24	15.1533	8.49752	0.2627839	0.1473611	0.3586566	0.2011236	0.3761871	0.2109541
1908	475109.97, 3847790.24	18.4477	9.53707	0.3199129	0.1653887	0.4366282	0.2257282	0.4579699	0.2367614
1909	475109.97, 3847840.24	21.2402	10.6311	0.3683395	0.1843613	0.5027225	0.2516227	0.5272947	0.2639216
1910	475109.97, 3847890.24	23.4444	11.423	0.4065651	0.1980933	0.5548941	0.2703646	0.5820163	0.2835795
1911	475109.97, 3847940.24	25.5438	12.0719	0.4429723	0.2093468	0.6045839	0.2857238	0.634135	0.2996895
1912	475109.97, 3847990.24	27.0357	12.6135	0.4688445	0.2187396	0.6398952	0.2985434	0.6711722	0.3131356
1913	475109.97, 3848040.24	28.772	13.0099	0.4989536	0.225614	0.6809892	0.3079258	0.7142748	0.3229767
1914	475109.97, 3848090.24	31.591	13.5372	0.5478412	0.2347567	0.7477126	0.3204041	0.7842595	0.3360649
1915	475159.97, 3847690.24	14.5204	8.96079	0.2518084	0.155395	0.3436768	0.2120885	0.3604752	0.222455
1916	475159.97, 3847740.24	15.5752	9.12494	0.2701001	0.1582416	0.3686419	0.2159737	0.3866605	0.2265301
1917	475159.97, 3847790.24	18.5439	9.8714	0.3215819	0.1711865	0.4389061	0.2336412	0.4603591	0.2450612
1918	475159.97, 3847840.24	21.2043	10.8541	0.367717	0.1882273	0.5018728	0.2568991	0.5264035	0.2694559
1919	475159.97, 3847890.24	23.3428	11.5043	0.4048023	0.199503	0.5524882	0.2722886	0.5794928	0.2855976
1920	475159.97, 3847940.24	25.1035	11.8946	0.4353358	0.2062715	0.5941613	0.2815264	0.6232029	0.2952869
1921	475159.97, 3847990.24	25.9077	12.0074	0.4492824	0.2082288	0.6131962	0.2841979	0.6431682	0.298089
1922	475159.97, 3848040.24	27.5389	12.3118	0.4775695	0.2135067	0.6518033	0.2914014	0.6836624	0.3056446
1923	475159.97, 3848090.24	29.7305	12.8445	0.5155758	0.222745	0.7036757	0.3040101	0.7380701	0.3188696
1924	475159.97, 3848140.24	33.324	13.7202	0.5778932	0.2379307	0.7887287	0.3247361	0.8272804	0.3406087
1925	475209.97, 3847740.24	15.9336	9.83716	0.2763158	0.1705927	0.3771254	0.2328308	0.3955586	0.2442112
1926	475209.97, 3847790.24	18.7036	10.3425	0.3243521	0.1793563	0.4426869	0.2447917	0.4643247	0.2567567
1927	475209.97, 3847840.24	20.745	10.7044	0.3597521	0.1856324	0.4910021	0.2533576	0.5150015	0.2657413
1928	475209.97, 3847890.24	22.4191	11.0558	0.3887838	0.1917265	0.5306256	0.2616749	0.5565616	0.2744652
1929	475209.97, 3847940.24	23.6098	11.0803	0.409433	0.1921514	0.5588084	0.2622548	0.586122	0.2750734
1930	475209.97, 3847990.24	24.1719	11.0669	0.4191804	0.1919183	0.5721119	0.2619367	0.6000758	0.2747397
1931	475209.97, 3848040.24	26.2386	11.5367	0.4550206	0.2000647	0.6210279	0.2730552	0.6513827	0.2864017
1932	475209.97, 3848090.24	28.4419	12.4978	0.4932299	0.2167323	0.6731772	0.2958037	0.7060809	0.3102621
1933	475209.97, 3848140.24	31.9831	13.4458	0.5546396	0.2331724	0.7569913	0.3182417	0.7939918	0.3337968
1934	475209.97, 3848190.24	34.4076	14.9971	0.5966857	0.2600745	0.8143773	0.3549587	0.8541827	0.3723084
1935	475259.97, 3847790.24	17.7289	9.68203	0.3074483	0.1679025	0.419616	0.2291591	0.4401261	0.2403601
1936	475259.97, 3847840.24	19.4465	9.77395	0.3372345	0.1694966	0.4602693	0.2313348	0.4827665	0.242642
1937	475259.97, 3847890.24	21.0529	10.2279	0.365093	0.1773688	0.4982915	0.2420791	0.5226472	0.2539115
1938	475259.97, 3847940.24	21.7839	10.1088	0.3777696	0.1753032	0.515593	0.2392599	0.5407943	0.2509545
1939	475259.97, 3847990.24	22.39	10.0966	0.38828	0.1750915	0.529938	0.2389709	0.5558405	0.2506514
1940	475259.97, 3848040.24	25.1335	10.9648	0.4358574	0.1901486	0.5948732	0.2595213	0.6239496	0.2722063
1941	475259.97, 3848090.24	27.364	12.1341	0.4745369	0.2104257	0.6476644	0.2871962	0.6793211	0.3012339
1942	475259.97, 3848140.24	30.6887	13.3371	0.5321933	0.2312873	0.7263558	0.3156689	0.7618588	0.3310983
1943	475259.97, 3848190.24	33.2534	14.2846	0.5766684	0.2477189	0.787057	0.3380953	0.825527	0.3546208
1944	475259.97, 3848240.24	35.4291	16.1707	0.6144	0.2804263	0.8385544	0.3827355	0.8795415	0.401443
1945	475309.97, 3847840.24	18.2271	8.96402	0.3160877	0.155451	0.4314074	0.2121649	0.4524939	0.2225352
1946	475309.97, 3847890.24	19.9421	9.51048	0.3458288	0.1649275	0.4719992	0.2250988	0.4950697	0.2361013
1947	475309.97, 3847940.24	19.648	8.90416	0.3407285	0.1544129	0.465038	0.2107481	0.4877683	0.2210491
1948	475309.97, 3847990.24	20.4811	8.90022	0.3551763	0.1543446	0.484757	0.2106549	0.508451	0.2209513
1949	475309.97, 3848040.24	23.6883	10.0782	0.4107945	0.1747734	0.5606666	0.2385368	0.588071	0.2501961
1950	475309.97, 3848090.24	26.2154	11.4964	0.4546186	0.1993672	0.6204792	0.2721033	0.6508072	0.2854032
1951	475309.97, 3848140.24	29.1732	12.8227	0.505912	0.2223671	0.6904862	0.3034943	0.724236	0.3183286
1952	475309.97, 3848190.24	32.0647	13.9542	0.5560554	0.2419889	0.7589236	0.3302748	0.7960185	0.346418
1953	475309.97, 3848240.24	33.8403	15.3762	0.5868471	0.2666487	0.8009492	0.3639314	0.8400982	0.3817197
1954	475309.97, 3848290.24	35.4653	16.802	0.615028	0.291375	0.8394115	0.3976786	0.8804405	0.4171165
1955	475359.97, 3847890.24	18.772	8.77519	0.3255381	0.1521764	0.4443056	0.2076956	0.4660225	0.2178474

1956	475359.97, 3847940.24	18.3277	8.14206	0.3178325	0.1411969	0.4337887	0.1927104	0.4549916	0.2021297
1957	475359.97, 3847990.24	19.2426	8.31733	0.3336983	0.1442363	0.455443	0.1968587	0.4777043	0.2064809
1958	475359.97, 3848040.24	22.3816	9.35216	0.3881338	0.162182	0.5297385	0.2213516	0.5556312	0.2321709
1959	475359.97, 3848090.24	24.8714	10.5791	0.4313109	0.1834595	0.5886681	0.2503919	0.6174412	0.2626307
1960	475359.97, 3848140.24	27.5154	12.036	0.4771623	0.2087239	0.6512476	0.2848736	0.6830795	0.2987978
1961	475359.97, 3848190.24	30.6571	13.0891	0.5316458	0.2269871	0.7256086	0.3097999	0.7610751	0.3249423
1962	475359.97, 3848240.24	32.3751	14.4719	0.5614386	0.2509672	0.7662708	0.3425287	0.8037248	0.3592709
1963	475409.97, 3847940.24	17.6494	7.78976	0.30607	0.1350874	0.4177349	0.1843719	0.438153	0.1933837
1964	475409.97, 3847990.24	18.1395	7.84549	0.3145691	0.1360538	0.4293348	0.185691	0.4503199	0.1947673
1965	475409.97, 3848040.24	21.3775	8.89217	0.3707212	0.154205	0.5059732	0.2104643	0.5307043	0.2207515
1966	475409.97, 3848090.24	23.844	9.9956	0.4134943	0.1733403	0.5643513	0.2365809	0.5919358	0.2481445
1967	475409.97, 3848140.24	25.9256	11.0222	0.4495937	0.1911436	0.6136211	0.2608794	0.6436138	0.2736308
1968	475409.97, 3848190.24	29.1138	12.1099	0.5048817	0.2100056	0.68908	0.286623	0.7227611	0.3006326
1969	475459.97, 3848040.24	20.0288	8.16883	0.3473327	0.1416611	0.4740517	0.193344	0.4972225	0.2027943
1970	475459.97, 3848090.24	22.3424	9.03641	0.3874547	0.1567064	0.5288116	0.2138783	0.554659	0.2243323
1971	475459.97, 3848140.24	24.3021	9.93186	0.4214381	0.172235	0.5751933	0.2350722	0.6033078	0.2465622
1972	475509.97, 3848090.24	20.7227	8.06762	0.3593666	0.139906	0.490476	0.1909485	0.5144496	0.2002817
1973	475837.85, 3848791.56	32.5693	19.0475	0.564805	0.3303145	0.7708654	0.4508246	0.8085439	0.4728601
1974	475837.85, 3848841.56	37.3244	20.7035	0.6472679	0.3590331	0.8834136	0.4900208	0.9265933	0.5139722
1975	475837.85, 3848891.56	41.4026	22.8549	0.7179898	0.3963415	0.9799373	0.5409405	1.0278349	0.5673808
1976	475887.85, 3848691.56	29.0509	16.0414	0.5037916	0.2781837	0.6875922	0.3796747	0.7212006	0.3982326
1977	475887.85, 3848741.56	30.4549	17.2154	0.5281378	0.2985444	0.7208207	0.4074637	0.7560532	0.4273798
1978	475887.85, 3848791.56	31.5302	18.4552	0.5467853	0.3200433	0.7462714	0.4368062	0.7827479	0.4581566
1979	475887.85, 3848841.56	33.1372	20.031	0.574654	0.3473716	0.7843076	0.4741047	0.8226433	0.4972781
1980	475887.85, 3848891.56	39.3175	22.2628	0.681831	0.3860735	0.9305866	0.5269264	0.976072	0.5526817
1981	475937.85, 3848591.56	27.8391	14.5617	0.4827763	0.2525232	0.6589098	0.3446524	0.6911162	0.3614985
1982	475937.85, 3848641.56	26.6318	15.1165	0.4618395	0.2621446	0.6303346	0.357784	0.6611442	0.3752718
1983	475937.85, 3848691.56	27.4422	15.6071	0.4758927	0.2706538	0.6495148	0.3693976	0.681262	0.3874531
1984	475937.85, 3848741.56	29.3691	16.6781	0.5093085	0.289226	0.6951219	0.3947456	0.7290983	0.4140401
1985	475937.85, 3848791.56	30.4195	17.8749	0.5275247	0.3099803	0.719984	0.4230719	0.7551756	0.4437509
1986	475937.85, 3848841.56	32.7333	19.4878	0.5676506	0.3379505	0.7747491	0.4612466	0.8126175	0.4837915
1987	475937.85, 3848891.56	37.3207	21.7571	0.647203	0.3773047	0.8833251	0.5149584	0.9265005	0.5401287
1988	475987.85, 3848591.56	27.689	14.04	0.4801731	0.2434764	0.6553569	0.3323051	0.6873896	0.3485476
1989	475987.85, 3848641.56	27.0544	14.7727	0.4691674	0.2561827	0.6403359	0.349647	0.6716345	0.3667371
1990	475987.85, 3848691.56	26.251	15.2425	0.4552351	0.264331	0.6213207	0.3607681	0.6516898	0.3784018
1991	475987.85, 3848741.56	27.6972	15.7145	0.4803147	0.2725156	0.65555	0.3719387	0.6875922	0.3901184
1992	475987.85, 3848791.56	29.2855	17.3619	0.5078596	0.3010839	0.6931444	0.4109297	0.7270241	0.4310152
1993	476037.85, 3848591.56	27.159	13.501	0.4709817	0.2341301	0.6428121	0.3195489	0.6742317	0.3351679
1994	476037.85, 3848641.56	27.1871	14.3568	0.4714699	0.2489715	0.6434784	0.3398049	0.6749305	0.356414
1995	473244.83, 3847557.25	151.742	52.6041	2.6314668	0.9122426	3.5915169	1.2450602	3.7670641	1.3059167
1996	473269.83, 3847582.25	133.832	48.927	2.3208627	0.8484759	3.1675937	1.1580293	3.3224203	1.2146318
1997	473269.83, 3847607.25	103.155	42.163	1.7888772	0.7311757	2.4415215	0.9979339	2.5608589	1.0467112
1998	473269.83, 3847632.25	84.1956	37.9494	1.4600921	0.6581057	1.9927842	0.8982054	2.0901881	0.9421082
1999	473269.83, 3847657.25	72.4401	34.5146	1.2562315	0.5985409	1.7145482	0.8169093	1.7983524	0.8568385
2000	473269.83, 3847682.25	64.9081	31.658	1.1256149	0.5490029	1.5362782	0.7492981	1.6113688	0.7859226
2001	473269.83, 3847707.25	60.6669	29.4343	1.0520644	0.5104394	1.4358939	0.6966653	1.506078	0.7307171
2002	473269.83, 3847732.25	57.3967	27.4589	0.9953541	0.4761835	1.3584937	0.6499117	1.4248945	0.6816783
2003	473269.83, 3847757.25	54.8074	25.7381	0.9504506	0.4463416	1.2972079	0.6091825	1.3606132	0.6389583
2004	473269.83, 3847782.25	52.5997	24.2648	0.9121661	0.4207916	1.2449559	0.574311	1.3058072	0.6023823
2005	473269.83, 3847807.25	50.3488	22.9168	0.8731311	0.3974153	1.1916795	0.5424061	1.2499267	0.568918
2006	473269.83, 3847832.25	48.2759	21.8602	0.8371837	0.3790921	1.1426173	0.5173979	1.1984665	0.5426875
2007	473269.83, 3847857.25	45.9335	20.8743	0.7965633	0.3619954	1.0871771	0.4940639	1.1403165	0.5182129
2008	473269.83, 3847882.25	43.3346	19.9491	0.7514944	0.3459513	1.0256655	0.4721663	1.0757983	0.4952449
2009	473269.83, 3847907.25	42.6621	19.0846	0.7398313	0.3309585	1.0097473	0.4517037	1.059102	0.4737822
2010	473269.83, 3847932.25	41.8316	18.3029	0.7254294	0.3174019	0.9900911	0.433201	1.038485	0.4543752
2011	473269.83, 3847957.25	40.7701	17.6174	0.7070217	0.3055154	0.9649677	0.4169779	1.0121336	0.4373591

2012	473269.83, 3847982.25	39.3723	16.9743	0.6827805	0.2943619	0.9318824	0.4017553	0.9774312	0.4213924
2013	473294.83, 3847607.25	118.391	45.7031	2.0530882	0.7925683	2.8021258	1.0817246	2.9390889	1.1345975
2014	473294.83, 3847632.25	93.7921	40.5315	1.6265109	0.7028831	2.2199182	0.9593192	2.3284241	1.0062091
2015	473294.83, 3847657.25	78.4258	36.5876	1.3600333	0.6344898	1.8562205	0.8659737	1.9469494	0.908301
2016	473294.83, 3847682.25	68.9851	33.3877	1.1963166	0.5789988	1.6327742	0.7902375	1.7125814	0.828863
2017	473294.83, 3847707.25	63.2604	30.7808	1.0970407	0.5337894	1.4972791	0.7285342	1.5704636	0.7641437
2018	473294.83, 3847732.25	59.6032	28.6336	1.0336192	0.4965548	1.4107192	0.6777151	1.4796727	0.7108407
2019	473294.83, 3847757.25	56.9425	26.8207	0.9874784	0.465115	1.3477446	0.6348051	1.4136201	0.6658333
2020	473294.83, 3847782.25	54.5718	25.1935	0.9463658	0.4368972	1.2916327	0.5962924	1.3547656	0.6254382
2021	473294.83, 3847807.25	52.0789	23.6279	0.9031355	0.4097466	1.2326305	0.5592363	1.2928794	0.5865708
2022	473294.83, 3847832.25	49.9754	22.4245	0.8666566	0.3888774	1.1828428	0.5307534	1.2406582	0.5566957
2023	473294.83, 3847857.25	47.7534	21.3846	0.8281229	0.3708442	1.1302507	0.506141	1.1854955	0.5308803
2024	473294.83, 3847882.25	45.2646	20.4217	0.7849633	0.3541456	1.071345	0.4833501	1.1237105	0.5069754
2025	473294.83, 3847907.25	43.4582	19.5266	0.7536368	0.3386241	1.0285895	0.4621658	1.0788652	0.4847557
2026	473294.83, 3847932.25	42.781	18.7327	0.7418934	0.3248567	1.0125617	0.4433757	1.062054	0.4650471
2027	473294.83, 3847957.25	41.832	18.0031	0.7254356	0.3122028	0.9900996	0.4261052	1.038494	0.4469325
2028	473294.83, 3847982.25	40.5684	17.3314	0.7035232	0.3005544	0.9601928	0.4102071	1.0071254	0.4302573
2029	473294.83, 3848007.25	38.9384	16.6951	0.675257	0.2895213	0.9216141	0.3951487	0.966661	0.4144629
2030	473319.83, 3847607.25	141.477	51.3377	2.4534538	0.8902809	3.3485586	1.2150862	3.5122304	1.2744775
2031	473319.83, 3847632.25	106.616	43.4906	1.8489036	0.7541999	2.5234476	1.0293581	2.6467894	1.0796713
2032	473319.83, 3847657.25	84.9742	38.7672	1.4735931	0.6722876	2.0112108	0.9175613	2.1095154	0.9624101
2033	473319.83, 3847682.25	73.3115	35.1971	1.2713434	0.610377	1.7351734	0.8330636	1.8199857	0.8737823
2034	473319.83, 3847707.25	66.3445	32.2982	1.1505245	0.5601043	1.5702756	0.7644498	1.647028	0.8018148
2035	473319.83, 3847732.25	61.9204	29.8909	1.0738024	0.5183576	1.4655626	0.7074723	1.5371968	0.7420524
2036	473319.83, 3847757.25	58.7707	27.8317	1.019182	0.4826481	1.3910149	0.6587349	1.4590053	0.6909327
2037	473319.83, 3847782.25	56.1902	26.0192	0.974431	0.4512169	1.3299371	0.6158364	1.3949422	0.6459375
2038	473319.83, 3847807.25	53.9038	24.4388	0.9347812	0.4238086	1.2758217	0.5784286	1.3381817	0.6067012
2039	473319.83, 3847832.25	51.9841	23.2107	0.9014908	0.4025128	1.2303858	0.5493634	1.2905249	0.5762154
2040	473319.83, 3847857.25	49.6177	21.9711	0.860454	0.3810156	1.1743773	0.5200233	1.2317789	0.5454411
2041	473319.83, 3847882.25	47.1396	20.8951	0.8174798	0.3623553	1.1157247	0.494555	1.1702594	0.518728
2042	473319.83, 3847907.25	44.5443	19.9923	0.7724723	0.3467004	1.0542968	0.4731887	1.1058291	0.4963174
2043	473319.83, 3847932.25	43.6526	19.1581	0.7570085	0.3322325	1.0331914	0.4534423	1.083692	0.4756058
2044	473319.83, 3847957.25	42.8251	18.3898	0.7426581	0.318909	1.0136055	0.4352581	1.0631488	0.4565327
2045	473319.83, 3847982.25	41.7284	17.7095	0.72364	0.3071125	0.9876489	0.4191578	1.0359235	0.4396455
2046	473319.83, 3848007.25	40.2488	17.0563	0.6979805	0.2957841	0.9526278	0.4036964	0.9991907	0.4234283
2047	473344.83, 3847632.25	126.251	48.1538	2.1893956	0.8350677	2.9881628	1.1397292	3.1342191	1.1954373
2048	473344.83, 3847657.25	94.5365	41.3912	1.6394193	0.7177916	2.2375361	0.9796667	2.3469031	1.0275512
2049	473344.83, 3847682.25	79.6631	37.377	1.38149	0.6481794	1.8855053	0.8846576	1.9776656	0.9278981
2050	473344.83, 3847707.25	70.9353	34.168	1.2301368	0.5925303	1.6789332	0.8087058	1.7609966	0.848234
2051	473344.83, 3847732.25	65.0591	31.4156	1.1282335	0.5447986	1.5398521	0.7435599	1.6151175	0.7799039
2052	473344.83, 3847757.25	61.003	29.0398	1.0578931	0.5035981	1.4438491	0.6873281	1.514422	0.7209235
2053	473344.83, 3847782.25	58.1437	27.0438	1.008308	0.468984	1.3761736	0.6400855	1.4434386	0.6713718
2054	473344.83, 3847807.25	56.1275	25.4754	0.973344	0.4417849	1.3284536	0.6029634	1.3933861	0.6324352
2055	473344.83, 3847832.25	53.9644	24.0261	0.935833	0.4166518	1.2772572	0.5686608	1.3396874	0.596456
2056	473344.83, 3847857.25	51.5591	22.6489	0.89412	0.3927696	1.2203259	0.5360655	1.2799734	0.5622675
2057	473344.83, 3847882.25	49.0722	21.4495	0.8509934	0.3719691	1.1614652	0.5076763	1.2182357	0.5324907
2058	473344.83, 3847907.25	46.4883	20.4361	0.8061851	0.3543958	1.1003094	0.4836916	1.1540906	0.5073337
2059	473344.83, 3847932.25	44.3844	19.5424	0.7696992	0.338897	1.050512	0.4625384	1.1018592	0.4851465
2060	473344.83, 3847957.25	43.6777	18.7331	0.7574447	0.3248626	1.0337867	0.4433837	1.0843164	0.4650555
2061	473344.83, 3847982.25	42.7026	18.0088	0.7405333	0.3123022	1.0107054	0.4262408	1.0601069	0.4470748
2062	473344.83, 3848007.25	41.4039	17.3545	0.7180122	0.3009556	0.9799678	0.4107545	1.027867	0.4308315
2063	473344.83, 3848032.25	39.7697	16.7742	0.6896728	0.2908925	0.9412892	0.3970202	0.9872978	0.4164259
2064	473369.83, 3847632.25	152.401	54.8043	2.6428829	0.950397	3.6070979	1.2971347	3.7834067	1.3605365
2065	473369.83, 3847657.25	111.788	45.0123	1.9385842	0.7805887	2.6458467	1.0653744	2.7751711	1.1174481
2066	473369.83, 3847682.25	89.7651	40.1642	1.5566767	0.6965144	2.1246061	0.9506269	2.2284533	0.9970919
2067	473369.83, 3847707.25	77.1072	36.3928	1.3371675	0.6311119	1.8250124	0.8613633	1.9142159	0.9034653

2068	473369.83, 3847732.25	68.9337	33.1488	1.195425	0.5748545	1.6315574	0.7845812	1.7113051	0.8229302
2069	473369.83, 3847757.25	63.6111	30.4077	1.1031228	0.5273192	1.5055801	0.7197035	1.5791703	0.7548814
2070	473369.83, 3847782.25	60.1437	28.1437	1.0429922	0.4880582	1.4235117	0.6661187	1.4930906	0.6986775
2071	473369.83, 3847807.25	57.8608	26.3481	1.0034018	0.456919	1.3694775	0.6236189	1.4364152	0.6541003
2072	473369.83, 3847832.25	55.7288	24.7823	0.9664296	0.4297661	1.3190165	0.5865597	1.3834878	0.6152297
2073	473369.83, 3847857.25	53.4772	23.3616	0.9273827	0.4051295	1.265724	0.5529348	1.3275905	0.5799613
2074	473369.83, 3847882.25	51.1007	22.1027	0.8861718	0.3832979	1.209478	0.5231383	1.2685952	0.5487084
2075	473369.83, 3847907.25	48.5243	20.9771	0.8414924	0.3637785	1.148498	0.4964975	1.2046346	0.5207654
2076	473369.83, 3847932.25	45.6843	19.9451	0.7922421	0.3458803	1.0812794	0.4720695	1.1341305	0.4951434
2077	473369.83, 3847957.25	44.6458	19.2018	0.774233	0.3329903	1.0566999	0.4544767	1.1083496	0.4766907
2078	473369.83, 3847982.25	43.7739	18.4242	0.7591114	0.3195056	1.0360614	0.4360723	1.0867024	0.4573867
2079	473369.83, 3848007.25	42.5968	17.7263	0.738699	0.307404	1.008202	0.4195557	1.0574812	0.4400628
2080	473369.83, 3848032.25	41.1205	17.1295	0.7130982	0.2970533	0.9732611	0.4054287	1.0208324	0.4252453
2081	473394.83, 3847657.25	133.136	50.5704	2.3088004	0.8769745	3.1511306	1.1969251	3.3051525	1.2554288
2082	473394.83, 3847682.25	103.311	43.5367	1.791578	0.7549995	2.4452076	1.0304494	2.5647252	1.080816
2083	473394.83, 3847707.25	83.8197	38.6407	1.4535729	0.670094	1.9838865	0.9145675	2.0808555	0.95927
2084	473394.83, 3847732.25	72.8235	34.889	1.2628801	0.6050338	1.7236224	0.8257711	1.8078702	0.8661334
2085	473394.83, 3847757.25	66.4964	31.8943	1.1531578	0.5531006	1.5738697	0.7548908	1.6507978	0.7917885
2086	473394.83, 3847782.25	62.5325	29.4223	1.0844177	0.5102309	1.4800508	0.6963808	1.5523932	0.7304187
2087	473394.83, 3847807.25	59.4665	27.2604	1.0312484	0.4727405	1.4074834	0.6452126	1.4762788	0.6767495
2088	473394.83, 3847832.25	57.483	25.6028	0.9968501	0.4439958	1.3605355	0.6059809	1.4270362	0.6356002
2089	473394.83, 3847857.25	55.3367	24.0981	0.9596299	0.4179011	1.3097361	0.5703659	1.3737537	0.5982444
2090	473394.83, 3847882.25	53.1011	22.7837	0.9208616	0.3951073	1.2568237	0.539256	1.3182551	0.565614
2091	473394.83, 3847907.25	50.6209	21.5917	0.8778497	0.3744351	1.1981197	0.511042	1.2566817	0.5360209
2092	473394.83, 3847932.25	47.7558	20.4349	0.8281647	0.354375	1.1303078	0.4836632	1.1855553	0.5073039
2093	473394.83, 3847957.25	45.3651	19.5638	0.7867068	0.3392692	1.0737247	0.4630463	1.1262065	0.4856792
2094	473394.83, 3847982.25	44.7783	18.8448	0.7765307	0.3267995	1.059836	0.4460272	1.111639	0.4678283
2095	473394.83, 3848007.25	43.7373	18.1119	0.7584782	0.3140903	1.0351973	0.4286813	1.085796	0.4496345
2096	473394.83, 3848032.25	42.3432	17.4442	0.734302	0.3025109	1.0022008	0.4128774	1.0511867	0.4330581
2097	473394.83, 3848057.25	40.6655	16.8986	0.7052081	0.2930491	0.9624924	0.3999636	1.0095374	0.4195131
2098	473419.83, 3847682.25	118.454	47.3153	2.0541894	0.8205267	2.8036287	1.1198832	2.9406653	1.1746212
2099	473419.83, 3847707.25	92.9245	41.2538	1.6114645	0.7154088	2.1993825	0.9764147	2.3068846	1.0241402
2100	473419.83, 3847732.25	78.4686	37.0212	1.3607757	0.6420092	1.8572337	0.8762363	1.9480121	0.9190653
2101	473419.83, 3847757.25	70.1993	33.6171	1.217373	0.5829763	1.6615127	0.7956662	1.7427246	0.834557
2102	473419.83, 3847782.25	64.9852	30.7749	1.1269508	0.5336878	1.5381014	0.7283955	1.6132811	0.7639983
2103	473419.83, 3847807.25	61.4057	28.3676	1.0648773	0.4919407	1.4533814	0.6714176	1.5244202	0.7042354
2104	473419.83, 3847832.25	59.3683	26.5459	1.0295458	0.4603495	1.4051597	0.628301	1.4738415	0.6590113
2105	473419.83, 3847857.25	57.1698	24.8835	0.9914198	0.4315208	1.353124	0.5889545	1.4192624	0.6177415
2106	473419.83, 3847882.25	54.8789	23.4029	0.9516909	0.4058456	1.2989006	0.5539121	1.3623887	0.5809863
2107	473419.83, 3847907.25	52.4796	22.1162	0.9100829	0.3835312	1.2421126	0.5234566	1.3028249	0.5490423
2108	473419.83, 3847932.25	49.8905	20.9959	0.8651841	0.3641042	1.1808331	0.496942	1.2385503	0.5212316
2109	473419.83, 3847957.25	47.0716	20.0199	0.8162997	0.3471789	1.114114	0.4738417	1.16857	0.4970023
2110	473419.83, 3847982.25	45.6057	19.2043	0.7908785	0.3330352	1.0794184	0.454538	1.1321785	0.476755
2111	473419.83, 3848007.25	44.757	18.4697	0.7761605	0.3202948	1.0593307	0.4371494	1.1111089	0.4585165
2112	473419.83, 3848032.25	43.6166	17.8403	0.7563847	0.3093803	1.03234	0.4222529	1.0827991	0.4428919
2113	473419.83, 3848057.25	42.1284	17.296	0.7305767	0.2999416	0.9971163	0.4093706	1.0458537	0.42938
2114	473444.83, 3847682.25	139.723	52.9527	2.4230372	0.9182876	3.307045	1.2533106	3.4686877	1.3145703
2115	473444.83, 3847707.25	108.596	45.4878	1.883233	0.7888345	2.5703015	1.0766285	2.6959335	1.1292523
2116	473444.83, 3847732.25	88.5838	40.1498	1.5361904	0.6962638	2.0966458	0.9502849	2.1991263	0.9967332
2117	473444.83, 3847757.25	75.635	35.7973	1.3116367	0.6207854	1.7901671	0.8472694	1.8776674	0.8886825
2118	473444.83, 3847782.25	68.2144	32.3844	1.1829515	0.5615992	1.6145331	0.76649	1.6934487	0.8039547
2119	473444.83, 3847807.25	63.8584	29.6852	1.1074111	0.5147906	1.5114329	0.702604	1.5853092	0.7369461
2120	473444.83, 3847832.25	61.1119	27.5161	1.0597813	0.4771748	1.4464262	0.6512646	1.517125	0.6830973
2121	473444.83, 3847857.25	58.8945	25.6965	1.0213291	0.4456207	1.3939453	0.6081986	1.462079	0.6379263
2122	473444.83, 3847882.25	56.7574	24.1363	0.9842676	0.4185631	1.3433624	0.5712693	1.4090236	0.599192
2123	473444.83, 3847907.25	54.4805	22.7711	0.9447828	0.3948886	1.2894723	0.5389576	1.3524995	0.5653009

2124	473444.83, 3847932.25	51.9609	21.5593	0.9010886	0.3738734	1.2298369	0.5102754	1.2899492	0.5352168
2125	473444.83, 3847957.25	49.235	20.5192	0.8538175	0.3558378	1.1653196	0.4856597	1.2222785	0.5093979
2126	473444.83, 3847982.25	46.4569	19.6304	0.8056396	0.340424	1.0995647	0.4646224	1.1533096	0.4873323
2127	473444.83, 3848007.25	45.7818	18.8817	0.7939333	0.3274396	1.0835876	0.4469008	1.1365515	0.4687446
2128	473444.83, 3848032.25	44.8252	18.2434	0.777343	0.3163712	1.0609446	0.4317944	1.1128018	0.4528998
2129	473444.83, 3848057.25	43.4801	17.665	0.7540173	0.3063396	1.0291088	0.4181029	1.0794099	0.4385391
2130	473444.83, 3848082.25	41.6293	17.0736	0.7219204	0.296085	0.985302	0.404107	1.0334619	0.4238591
2131	473469.83, 3847707.25	124.068	49.5878	2.1515455	0.8599351	2.9365037	1.1736692	3.080035	1.2310361
2132	473469.83, 3847732.25	99.9334	43.7323	1.7330105	0.7583901	2.3652727	1.0350771	2.4808832	1.0856699
2133	473469.83, 3847757.25	84.5497	38.9026	1.466233	0.6746361	2.0011654	0.9207667	2.098979	0.9657722
2134	473469.83, 3847782.25	73.0618	34.4581	1.2670131	0.5975599	1.7292633	0.8155704	1.8137868	0.8554341
2135	473469.83, 3847807.25	66.0525	31.0168	1.1454597	0.5378826	1.563363	0.7341207	1.6397775	0.7700033
2136	473469.83, 3847832.25	62.9712	28.6152	1.0920257	0.4962352	1.4904344	0.6772789	1.5632843	0.7103832
2137	473469.83, 3847857.25	60.554	26.5767	1.0501071	0.4608849	1.4332225	0.6290316	1.5032759	0.6597776
2138	473469.83, 3847882.25	58.3631	24.835	1.0121125	0.4306795	1.3813662	0.5878063	1.448885	0.6165373
2139	473469.83, 3847907.25	56.154	23.3394	0.9738036	0.4047437	1.3290808	0.5524082	1.394044	0.5794089
2140	473469.83, 3847932.25	53.7563	22.0378	0.932224	0.3821725	1.2723316	0.5216022	1.334521	0.5470972
2141	473469.83, 3847957.25	51.1921	20.9444	0.8877553	0.3632114	1.2116391	0.4957235	1.270862	0.5199536
2142	473469.83, 3847982.25	48.3364	19.9923	0.8382327	0.3466992	1.144049	0.4731871	1.1999681	0.4963157
2143	473469.83, 3848007.25	46.6083	19.2267	0.8082655	0.3334224	1.1031486	0.4550665	1.1570687	0.4773093
2144	473469.83, 3848032.25	45.7772	18.5373	0.7938535	0.3214678	1.0834787	0.4387504	1.1364373	0.4601957
2145	473469.83, 3848057.25	44.4646	17.851	0.7710908	0.3095653	1.0524114	0.4225055	1.1038515	0.4431568
2146	473469.83, 3848082.25	42.929	17.3325	0.7444594	0.3005742	1.0160639	0.4102341	1.0657274	0.4302856
2147	473494.83, 3847707.25	148.881	56.5461	2.5818485	0.980604	3.5237961	1.3383622	3.6960333	1.403779
2148	473494.83, 3847732.25	113.615	47.6508	1.9702785	0.826344	2.6891042	1.1278228	2.820543	1.1829489
2149	473494.83, 3847757.25	93.5849	42.048	1.6229184	0.7291816	2.2150151	0.9952122	2.3232812	1.0438565
2150	473494.83, 3847782.25	80.1923	37.0494	1.3906684	0.6424975	1.8980323	0.8769028	1.9908049	0.9197644
2151	473494.83, 3847807.25	69.8622	32.7664	1.2115268	0.5682232	1.6535336	0.7755306	1.7343555	0.8134373
2152	473494.83, 3847832.25	65.3893	29.9414	1.1339585	0.5192337	1.5476658	0.7086681	1.6233131	0.7433066
2153	473494.83, 3847857.25	62.6005	27.6584	1.0855975	0.4796428	1.481661	0.6546331	1.5540821	0.6866305
2154	473494.83, 3847882.25	60.3017	25.7328	1.0457313	0.4462496	1.4272502	0.6090568	1.4970117	0.6388265
2155	473494.83, 3847907.25	58.0551	24.0762	1.0067717	0.4175208	1.3740768	0.5698469	1.4412393	0.5977
2156	473494.83, 3847932.25	55.7565	22.6737	0.9669108	0.3931988	1.3196733	0.5366513	1.3841767	0.5628819
2157	473494.83, 3847957.25	53.265	21.4813	0.9237041	0.3725215	1.2607032	0.5084302	1.3223242	0.5332814
2158	473494.83, 3847982.25	50.485	20.4485	0.8754937	0.3546101	1.1949041	0.4839842	1.2533089	0.5076405
2159	473494.83, 3848007.25	47.5224	19.6129	0.8241168	0.3401196	1.1247831	0.464207	1.1797605	0.4868967
2160	473494.83, 3848032.25	46.7076	18.8767	0.8099868	0.3273536	1.105498	0.4467834	1.1595328	0.4686215
2161	473494.83, 3848057.25	45.5737	18.1747	0.7903236	0.3151788	1.078661	0.430167	1.1313841	0.4511928
2162	473494.83, 3848082.25	44.1836	17.6165	0.7662171	0.3054996	1.0457596	0.4169564	1.0968746	0.4373365
2163	473494.83, 3848107.25	42.4842	17.1835	0.736746	0.2979906	1.0055364	0.4067079	1.0546853	0.4265871
2164	473519.83, 3847732.25	132.331	53.4458	2.2948374	0.9268391	3.1320734	1.264982	3.2851638	1.3268122
2165	473519.83, 3847757.25	104.156	45.2064	1.8062444	0.7839537	2.4652248	1.069967	2.5857207	1.1222652
2166	473519.83, 3847782.25	87.5005	39.5886	1.5174049	0.6865322	2.0710067	0.9370028	2.172234	0.982802
2167	473519.83, 3847807.25	76.0101	35.0945	1.3181409	0.6085975	1.7990442	0.8306349	1.8869785	0.871235
2168	473519.83, 3847832.25	68.3504	31.4727	1.1853088	0.5457885	1.6177504	0.7449109	1.6968233	0.7813209
2169	473519.83, 3847857.25	64.8198	28.8635	1.1240832	0.5005416	1.5341875	0.6831565	1.609176	0.716548
2170	473519.83, 3847882.25	62.3255	26.7276	1.0808272	0.4635005	1.4751503	0.6326015	1.5472531	0.663522
2171	473519.83, 3847907.25	60.0614	24.9141	1.0415641	0.4320526	1.4215626	0.5896804	1.4910462	0.6185029
2172	473519.83, 3847932.25	57.7839	23.3754	1.0020683	0.4053678	1.3676574	0.55326	1.4345062	0.5803024
2173	473519.83, 3847957.25	55.3675	22.0796	0.9601651	0.3828963	1.3104665	0.5225901	1.3745198	0.5481334
2174	473519.83, 3847982.25	52.6836	20.9696	0.9136213	0.3636477	1.2469419	0.496319	1.3078903	0.5205782
2175	473519.83, 3848007.25	49.7351	20.029	0.8624892	0.3473353	1.1771551	0.4740552	1.2346924	0.4972263
2176	473519.83, 3848032.25	47.573	19.2358	0.8249946	0.3335813	1.1259812	0.4552833	1.1810172	0.4775367
2177	473519.83, 3848057.25	46.6967	18.5581	0.8097979	0.3218275	1.1052402	0.4392412	1.1592625	0.4607106
2178	473519.83, 3848082.25	45.4167	17.9408	0.7876003	0.3111228	1.0749441	0.4246311	1.1274855	0.4453864
2179	473519.83, 3848107.25	43.7908	17.4235	0.7594055	0.3021523	1.0364629	0.4123879	1.0871234	0.4325447

2180	473544.83, 3847757.25	117.782	49.0951	2.0425339	0.8513902	2.7877209	1.1620067	2.9239799	1.2188037
2181	473544.83, 3847782.25	96.585	42.6184	1.6749437	0.7390734	2.2860211	1.008713	2.3977579	1.0580171
2182	473544.83, 3847807.25	83.5206	37.8225	1.4483854	0.6559051	1.9768065	0.8952019	2.0734295	0.9389579
2183	473544.83, 3847832.25	73.16	33.3942	1.2687156	0.5791113	1.7315869	0.7903912	1.8162239	0.8290241
2184	473544.83, 3847857.25	67.5131	30.2652	1.1707891	0.524848	1.5979335	0.7163308	1.6760377	0.7513438
2185	473544.83, 3847882.25	64.4138	27.8157	1.1170426	0.4823709	1.5245784	0.6583564	1.5990972	0.6905358
2186	473544.83, 3847907.25	62.0566	25.8142	1.0761652	0.4476606	1.4687875	0.6109827	1.5405793	0.6408465
2187	473544.83, 3847932.25	59.7258	24.1055	1.0357442	0.4180289	1.4136195	0.5705404	1.4827148	0.5984274
2188	473544.83, 3847957.25	57.3593	22.6848	0.994706	0.3933918	1.3576092	0.5369148	1.4239668	0.5631582
2189	473544.83, 3847982.25	54.8272	21.5085	0.9507949	0.3729932	1.2976777	0.509074	1.361106	0.5339566
2190	473544.83, 3848007.25	51.9474	20.484	0.9008538	0.3552259	1.2295164	0.4848246	1.2896131	0.508522
2191	473544.83, 3848032.25	48.7847	19.6128	0.8460082	0.3401184	1.1546612	0.4642054	1.2110991	0.4868949
2192	473544.83, 3848057.25	47.6337	18.8949	0.8260471	0.3276685	1.1274176	0.4472133	1.1825239	0.4690723
2193	473544.83, 3848082.25	46.4862	18.2307	0.8061472	0.3161507	1.1002575	0.4314934	1.1540362	0.452584
2194	473544.83, 3848107.25	45.0206	17.6777	0.7807314	0.3065604	1.0655692	0.4184042	1.1176524	0.4388551
2195	473544.83, 3848132.25	43.148	17.1962	0.7482586	0.2982104	1.0212492	0.4070078	1.0711661	0.4269017
2196	473569.83, 3847757.25	137.831	55.0625	2.3902235	0.9548752	3.2622597	1.3032466	3.4217133	1.3669471
2197	473569.83, 3847782.25	107.862	46.0364	1.8704996	0.7983471	2.5529225	1.0896117	2.677705	1.14287
2198	473569.83, 3847807.25	90.3285	40.1369	1.566447	0.6960408	2.137941	0.9499805	2.2424399	0.996414
2199	473569.83, 3847832.25	79.5019	35.7871	1.3786954	0.6206077	1.8816911	0.8470268	1.973665	0.888428
2200	473569.83, 3847857.25	71.52	31.9562	1.2402753	0.5541742	1.6927705	0.7563561	1.7755103	0.7933255
2201	473569.83, 3847882.25	66.8356	29.0692	1.159041	0.5041074	1.5818992	0.6880232	1.6592198	0.7216526
2202	473569.83, 3847907.25	64.1427	26.8128	1.1123411	0.4649777	1.5181616	0.6346176	1.5923668	0.6656366
2203	473569.83, 3847932.25	61.8011	24.9448	1.0717337	0.4325836	1.4627392	0.5904051	1.5342354	0.6192631
2204	473569.83, 3847957.25	59.3293	23.3445	1.0288684	0.4048318	1.4042352	0.5525284	1.4728718	0.579535
2205	473569.83, 3847982.25	56.9054	22.0716	0.986835	0.3827576	1.3468665	0.5224008	1.412699	0.5479348
2206	473569.83, 3848007.25	54.1691	20.987	0.9393821	0.3639486	1.2821012	0.4967297	1.3447681	0.521009
2207	473569.83, 3848032.25	51.1063	20.0564	0.8862686	0.3478117	1.20961	0.4747054	1.2687337	0.4979082
2208	473569.83, 3848057.25	48.5351	19.2699	0.8416788	0.3341726	1.1487524	0.4560904	1.2049014	0.4783833
2209	473569.83, 3848082.25	47.541	18.5709	0.8244404	0.3220508	1.1252247	0.4395461	1.1802238	0.4610304
2210	473569.83, 3848107.25	46.23	17.979	0.8017046	0.3117851	1.0941941	0.425535	1.1476765	0.4463345
2211	473569.83, 3848132.25	44.5314	17.4686	0.7722477	0.3029339	1.0539903	0.4134546	1.1055076	0.4336636
2212	473594.83, 3847782.25	121.863	50.2995	2.1133014	0.8722768	2.8843068	1.1905136	3.0252868	1.2487038
2213	473594.83, 3847807.25	99.0325	42.8616	1.717389	0.7432906	2.3439518	1.0144687	2.4585202	1.0640542
2214	473594.83, 3847832.25	85.7486	38.0131	1.4870228	0.6592107	2.0295402	0.8997136	2.1287406	0.9436901
2215	473594.83, 3847857.25	77.0977	34.1722	1.3370027	0.5926023	1.8247875	0.8088041	1.91398	0.848337
2216	473594.83, 3847882.25	70.8128	30.7959	1.2280121	0.5340521	1.6760334	0.7288928	1.757955	0.7645199
2217	473594.83, 3847907.25	66.6575	28.0013	1.1559526	0.4855883	1.5776841	0.6627476	1.6547986	0.6951416
2218	473594.83, 3847932.25	63.8438	25.8406	1.1071575	0.4481193	1.5110869	0.6116088	1.5849462	0.6415032
2219	473594.83, 3847957.25	61.3738	24.0936	1.064324	0.4178233	1.4526261	0.5702597	1.523628	0.598133
2220	473594.83, 3847982.25	58.9798	22.6915	1.0228085	0.3935078	1.3959644	0.5370731	1.4641968	0.5633243
2221	473594.83, 3848007.25	56.3835	21.5342	0.9777842	0.3734392	1.3345137	0.5096827	1.3997424	0.5345951
2222	473594.83, 3848032.25	53.4751	20.5584	0.9273467	0.3565163	1.2656748	0.4865858	1.3275388	0.5103693
2223	473594.83, 3848057.25	50.2317	19.7249	0.8711014	0.3420629	1.1889093	0.4668593	1.2470212	0.4896786
2224	473594.83, 3848082.25	48.7053	19.0148	0.8446301	0.3297484	1.1527803	0.4500521	1.2091262	0.4720498
2225	473594.83, 3848107.25	47.405	18.3186	0.822081	0.3176745	1.1220046	0.4335731	1.1768463	0.4547654
2226	473594.83, 3848132.25	45.9004	17.7861	0.7959895	0.3084409	1.0863939	0.4209708	1.139495	0.4415471
2227	473594.83, 3848157.25	44.0045	17.3406	0.7631111	0.3007143	1.0415203	0.4104253	1.0924281	0.4304862
2228	473619.83, 3847782.25	142.349	56.028	2.4685679	0.9716189	3.3691868	1.3260991	3.533867	1.3909165
2229	473619.83, 3847807.25	110.131	46.5266	1.9098591	0.8068493	2.6066417	1.1012159	2.7340499	1.1550414
2230	473619.83, 3847832.25	93.4197	40.5525	1.6200532	0.7032478	2.2111046	0.9598169	2.3191796	1.0067311
2231	473619.83, 3847857.25	83.3308	36.4483	1.4450947	0.6320735	1.9723152	0.8626757	2.0687186	0.9048418
2232	473619.83, 3847882.25	75.7954	32.7425	1.3144188	0.5678099	1.7939643	0.7749666	1.8816502	0.8128457
2233	473619.83, 3847907.25	70.1038	29.5417	1.215717	0.5123014	1.6592526	0.6992066	1.7403541	0.7333826
2234	473619.83, 3847932.25	66.5796	27.0021	1.1546003	0.4682612	1.5758384	0.639099	1.6528627	0.6703371
2235	473619.83, 3847957.25	63.6477	24.9737	1.103757	0.433085	1.5064457	0.5910894	1.5800782	0.6199808

2236	473619.83, 3847982.25	61.1034	23.3882	1.0596346	0.4055901	1.4462259	0.5535634	1.516915	0.5806207
2237	473619.83, 3848007.25	58.53	22.1088	1.0150077	0.3834028	1.3853176	0.5232815	1.4530296	0.5488586
2238	473619.83, 3848032.25	55.667	21.0303	0.9653575	0.3647	1.3175533	0.4977552	1.3819531	0.5220846
2239	473619.83, 3848057.25	52.4503	20.1006	0.9095746	0.3485782	1.2414188	0.4757516	1.3020973	0.4990055
2240	473619.83, 3848082.25	49.5219	19.3534	0.8587925	0.3356201	1.1721096	0.458066	1.2294004	0.4804555
2241	473619.83, 3848107.25	48.4663	18.6618	0.8404863	0.323626	1.1471247	0.4416959	1.2031942	0.4632852
2242	473619.83, 3848132.25	47.1745	18.1114	0.8180838	0.3140825	1.116549	0.4286706	1.171124	0.4496233
2243	473619.83, 3848157.25	45.5145	17.6596	0.7892966	0.3062475	1.0772593	0.4179772	1.1299139	0.4384072
2244	473619.83, 3848182.25	43.4402	17.2949	0.7533252	0.299922	1.0281642	0.4093439	1.0784191	0.4293519
2245	473644.83, 3847807.25	126.177	51.5644	2.188118	0.8942126	2.9864191	1.2204523	3.1323902	1.280106
2246	473644.83, 3847832.25	103.565	44.063	1.7959958	0.764125	2.4512371	1.0429042	2.5710494	1.0938796
2247	473644.83, 3847857.25	90.2794	38.7409	1.5655943	0.671832	2.1367772	0.9169395	2.2412192	0.961758
2248	473644.83, 3847882.25	80.8221	34.6874	1.4015898	0.6015369	1.9129383	0.8209983	2.0064394	0.8611273
2249	473644.83, 3847907.25	74.5942	31.3248	1.2935882	0.5432238	1.7655339	0.7414106	1.8518302	0.7776495
2250	473644.83, 3847932.25	70.1486	28.505	1.2164939	0.4943241	1.660313	0.6746706	1.7414662	0.7076474
2251	473644.83, 3847957.25	66.2127	25.9978	1.1482387	0.4508458	1.5671559	0.6153299	1.6437558	0.6454062
2252	473644.83, 3847982.25	63.3369	24.1786	1.0983672	0.419297	1.4990895	0.572271	1.5723625	0.6002426
2253	473644.83, 3848007.25	60.6826	22.7448	1.0523365	0.394433	1.4362653	0.5383358	1.5064675	0.5646487
2254	473644.83, 3848032.25	57.8854	21.5688	1.003829	0.3740385	1.3700605	0.5105007	1.4370267	0.5354531
2255	473644.83, 3848057.25	54.8	20.5815	0.950323	0.3569178	1.2970337	0.4871337	1.3604305	0.510944
2256	473644.83, 3848082.25	51.4955	19.7815	0.8930176	0.3430448	1.2188213	0.4681994	1.2783952	0.4910842
2257	473644.83, 3848107.25	49.6712	19.1183	0.8613805	0.3315428	1.1756419	0.452501	1.2331053	0.4746185
2258	473644.83, 3848132.25	48.5572	18.5372	0.8420621	0.3214664	1.1492755	0.4387485	1.2054501	0.4601937
2259	473644.83, 3848157.25	47.1358	18.0807	0.8174123	0.3135496	1.1156326	0.4279433	1.1701628	0.4488605
2260	473644.83, 3848182.25	45.3425	17.7412	0.7863135	0.3076621	1.0731879	0.4199079	1.1256435	0.4404322
2261	473669.83, 3847807.25	149.397	58.2384	2.5908005	1.0099499	3.536014	1.3784145	3.7088484	1.445789
2262	473669.83, 3847832.25	116.112	48.3067	2.0135813	0.8377182	2.7482054	1.1433467	2.882533	1.1992316
2263	473669.83, 3847857.25	98.8567	41.7543	1.7143403	0.724089	2.3397909	0.9882617	2.4541559	1.0365663
2264	473669.83, 3847882.25	87.4021	36.7784	1.5156982	0.637799	2.0686772	0.8704901	2.1697906	0.9130382
2265	473669.83, 3847907.25	79.0002	32.9873	1.3699956	0.5720543	1.8698173	0.7807595	1.9612108	0.8189217
2266	473669.83, 3847932.25	73.3998	29.9051	1.2728751	0.5186049	1.737264	0.7078099	1.8221785	0.7424064
2267	473669.83, 3847957.25	69.3834	27.2748	1.2032229	0.4729899	1.6422002	0.6455529	1.7224681	0.6771065
2268	473669.83, 3847982.25	66.0026	25.1536	1.1445949	0.4362058	1.5621827	0.5953487	1.6385395	0.6244484
2269	473669.83, 3848007.25	63.0099	23.4933	1.0926958	0.4074134	1.491349	0.5560519	1.5642436	0.5832308
2270	473669.83, 3848032.25	60.1718	22.1857	1.0434795	0.3847373	1.4241768	0.5251028	1.4937882	0.5507689
2271	473669.83, 3848057.25	57.2497	21.144	0.9928056	0.3666714	1.3550153	0.5004459	1.4212462	0.5249068
2272	473669.83, 3848082.25	54.0867	20.2984	0.9379527	0.3520078	1.2801502	0.4804325	1.3427218	0.5039152
2273	473669.83, 3848107.25	50.9299	19.645	0.8832095	0.3406766	1.2054349	0.4649672	1.2643545	0.4876941
2274	473669.83, 3848132.25	50.0759	19.0735	0.8683999	0.3307655	1.1852222	0.4514402	1.2431539	0.4735059
2275	473669.83, 3848157.25	48.8861	18.6153	0.8477666	0.3228199	1.1570612	0.4405958	1.2136164	0.4621314
2276	473669.83, 3848182.25	47.2317	18.2288	0.8190757	0.3161168	1.1179029	0.4314472	1.1725441	0.4525356
2277	473669.83, 3848207.25	44.8423	17.7671	0.7776394	0.3081112	1.0613491	0.4205209	1.113226	0.4410752
2278	473694.83, 3847832.25	133.022	53.4229	2.3068208	0.9264425	3.1484288	1.2644407	3.3023187	1.3262444
2279	473694.83, 3847857.25	108.876	45.2434	1.8880986	0.784596	2.5769422	1.0708437	2.7028988	1.1231847
2280	473694.83, 3847882.25	94.7811	39.4383	1.6436625	0.6839254	2.2433273	0.933445	2.3529774	0.9790702
2281	473694.83, 3847907.25	84.8032	34.846	1.4706291	0.604288	2.0071654	0.8247531	2.1052722	0.8650656
2282	473694.83, 3847932.25	77.6063	31.3888	1.3458225	0.544334	1.8368251	0.7429259	1.926606	0.7792388
2283	473694.83, 3847957.25	72.6451	28.6399	1.2597872	0.4966632	1.7194011	0.677863	1.8034425	0.7109958
2284	473694.83, 3847982.25	68.8303	26.3916	1.1936312	0.4576746	1.6291091	0.6246501	1.7087372	0.6551819
2285	473694.83, 3848007.25	65.5171	24.5154	1.136175	0.4251378	1.5506909	0.5802428	1.626486	0.6086041
2286	473694.83, 3848032.25	62.5949	22.8982	1.0855002	0.3970932	1.4815282	0.5419666	1.5539428	0.568457
2287	473694.83, 3848057.25	59.8296	21.7943	1.037545	0.3779492	1.4160772	0.5158382	1.4852927	0.5410515
2288	473694.83, 3848082.25	56.8286	20.9069	0.9855019	0.3625604	1.3450471	0.494835	1.4107907	0.5190217
2289	473694.83, 3848107.25	53.461	20.1589	0.9271021	0.3495885	1.2653411	0.4771305	1.3271888	0.5004518
2290	473694.83, 3848132.25	51.2445	19.505	0.8886649	0.3382498	1.2128805	0.4616551	1.2721641	0.48422
2291	473694.83, 3848157.25	50.2855	19.0307	0.8720344	0.3300235	1.1901827	0.4504274	1.2483568	0.4724436

2292	473694.83, 3848182.25	48.8924	18.6442	0.847875	0.3233209	1.1572091	0.4412796	1.2137716	0.4628486
2293	473694.83, 3848207.25	46.5538	18.076	0.8073196	0.3134672	1.1018577	0.4278309	1.1557147	0.4487425
2294	473719.83, 3847857.25	122.273	49.647	2.1204248	0.8609609	2.8940291	1.1750692	3.0354843	1.2325045
2295	473719.83, 3847882.25	103.806	42.7069	1.8001711	0.7406083	2.4569358	1.0108079	2.5770266	1.0602144
2296	473719.83, 3847907.25	91.9606	37.4511	1.5947505	0.6494645	2.1765706	0.8864117	2.2829576	0.929738
2297	473719.83, 3847932.25	82.7305	33.187	1.434685	0.5755176	1.9581077	0.7854863	2.0538167	0.8238796
2298	473719.83, 3847957.25	76.5404	30.0159	1.3273386	0.5205251	1.8115975	0.7104307	1.9001453	0.7451553
2299	473719.83, 3847982.25	71.9843	27.7674	1.2483266	0.4815331	1.7037593	0.657213	1.7870362	0.6893364
2300	473719.83, 3848007.25	68.3009	25.7114	1.1844517	0.4458786	1.6165807	0.6085506	1.6955964	0.6382955
2301	473719.83, 3848032.25	65.1086	23.9177	1.1290906	0.414772	1.5410218	0.5660952	1.6163444	0.5937649
2302	473719.83, 3848057.25	62.4842	22.5142	1.0835801	0.3904328	1.4789076	0.5328762	1.5511941	0.5589223
2303	473719.83, 3848082.25	59.7721	21.6288	1.0365476	0.3750789	1.4147161	0.5119206	1.483865	0.5369424
2304	473719.83, 3848107.25	56.1403	20.6822	0.9735662	0.3586629	1.3287568	0.4895155	1.3937042	0.5134422
2305	473719.83, 3848132.25	52.3035	19.899	0.9070299	0.3450811	1.2379457	0.4709786	1.2984544	0.4939992
2306	473719.83, 3848157.25	51.3161	19.3356	0.8899064	0.3353116	1.214575	0.4576449	1.2739413	0.4800138
2307	473719.83, 3848182.25	50.1365	18.9032	0.869451	0.3278126	1.1866568	0.4474099	1.2446585	0.4692786
2308	473719.83, 3848207.25	48.1121	18.3631	0.8343442	0.3184464	1.1387418	0.4346266	1.1944016	0.4558704
2309	473719.83, 3848232.25	45.6595	17.919	0.7918108	0.3107456	1.0806908	0.4241164	1.1335131	0.4448464
2310	473744.83, 3847857.25	140.919	55.2154	2.4437643	0.9575269	3.335334	1.3068658	3.4983595	1.3707432
2311	473744.83, 3847882.25	115.524	46.8193	2.003373	0.811924	2.7342727	1.108142	2.8679192	1.1623061
2312	473744.83, 3847907.25	100.414	40.5166	1.741342	0.7026247	2.3766437	0.9589665	2.49281	1.0058392
2313	473744.83, 3847932.25	89.5757	35.5915	1.5533918	0.6172156	2.1201228	0.8423972	2.2237508	0.8835722
2314	473744.83, 3847957.25	81.0436	31.7634	1.4054303	0.5508298	1.9181799	0.7517916	2.0119372	0.7885379
2315	473744.83, 3847982.25	75.1437	29.1513	1.3031161	0.5055317	1.7785378	0.6899671	1.8654697	0.7236915
2316	473744.83, 3848007.25	70.9438	26.9398	1.2302835	0.4671815	1.6791335	0.6376254	1.7612066	0.6687915
2317	473744.83, 3848032.25	67.6448	25.0317	1.1730732	0.4340906	1.6010508	0.5924619	1.6793075	0.6214204
2318	473744.83, 3848057.25	65.0503	23.4282	1.1280808	0.4062847	1.5396436	0.5545113	1.6148988	0.5816149
2319	473744.83, 3848082.25	62.3112	22.2403	1.0805802	0.3856843	1.4748132	0.5263953	1.5468996	0.5521246
2320	473744.83, 3848107.25	58.8602	21.2612	1.0207343	0.3687044	1.3931335	0.5032205	1.4612274	0.5278171
2321	473744.83, 3848132.25	55.1807	20.4482	0.9569246	0.354606	1.3060438	0.4839785	1.369881	0.5076345
2322	473744.83, 3848157.25	52.4588	19.7577	0.909722	0.3426305	1.24162	0.467634	1.3023083	0.4904911
2323	473744.83, 3848182.25	51.2096	19.1642	0.888059	0.3323395	1.2120536	0.4535884	1.2712967	0.475759
2324	473744.83, 3848207.25	49.5777	18.6712	0.85976	0.3237897	1.1734301	0.4419193	1.2307854	0.4635196
2325	473744.83, 3848232.25	47.4288	18.2389	0.8224936	0.3162936	1.1225677	0.4316884	1.1774369	0.4527886
2326	473769.83, 3847882.25	130.929	51.9638	2.2705299	0.9011379	3.0988978	1.2299041	3.2503666	1.2900197
2327	473769.83, 3847907.25	110.672	44.1944	1.9192348	0.7664041	2.6194381	1.0460148	2.7474717	1.0971422
2328	473769.83, 3847932.25	97.5522	38.3997	1.6917179	0.6659152	2.3089151	0.9088641	2.421771	0.9532878
2329	473769.83, 3847957.25	87.3232	33.975	1.5143289	0.5891823	2.0668084	0.8041364	2.1678304	0.8434412
2330	473769.83, 3847982.25	79.1222	30.5605	1.3721109	0.5299696	1.8727044	0.7233208	1.964239	0.7586755
2331	473769.83, 3848007.25	73.5854	28.2294	1.2760924	0.4895442	1.741655	0.6681469	1.8267841	0.7008048
2332	473769.83, 3848032.25	70.3182	26.2329	1.2194339	0.4549225	1.6643255	0.6208939	1.7456749	0.6512421
2333	473769.83, 3848057.25	67.5267	24.4881	1.171026	0.4246642	1.5982568	0.5795964	1.6763768	0.6079261
2334	473769.83, 3848082.25	64.517	22.8611	1.1188326	0.3964495	1.5270214	0.541088	1.6016596	0.5675354
2335	473769.83, 3848107.25	61.8605	21.9859	1.0727633	0.3812716	1.4641444	0.5203726	1.5357093	0.5458075
2336	473769.83, 3848132.25	58.183	21.0788	1.0089893	0.3655413	1.3771035	0.4989034	1.444414	0.5232889
2337	473769.83, 3848157.25	54.0654	20.2403	0.9375841	0.3510005	1.2796473	0.4790576	1.3421942	0.5024731
2338	473769.83, 3848182.25	52.4058	19.5542	0.9088037	0.3391017	1.2403668	0.4628177	1.3009938	0.4854394
2339	473769.83, 3848207.25	50.958	19.0099	0.883696	0.3296631	1.2060988	0.4499356	1.2650509	0.4719277
2340	473769.83, 3848232.25	49.1057	18.5738	0.8515743	0.3220997	1.1622581	0.4396128	1.2190673	0.4611004
2341	473769.83, 3848257.25	46.6267	18.1625	0.8085842	0.3149671	1.1035837	0.429878	1.1575249	0.4508897
2342	473794.83, 3847882.25	152.781	58.6962	2.6494838	1.0178901	3.6161071	1.3892516	3.7928562	1.4571558
2343	473794.83, 3847907.25	123.554	48.647	2.1426371	0.8436196	2.9243452	1.1514011	3.0672822	1.2076797
2344	473794.83, 3847932.25	106.816	41.6339	1.8523602	0.7220006	2.5281652	0.9854113	2.6517376	1.0335766
2345	473794.83, 3847957.25	94.7327	36.5043	1.6428219	0.6330448	2.2421801	0.8640014	2.3517741	0.9062323
2346	473794.83, 3847982.25	84.6114	32.3036	1.4673029	0.5601983	2.0026258	0.764578	2.1005107	0.8019493
2347	473794.83, 3848007.25	77.4252	29.645	1.3426825	0.5140941	1.8325394	0.7016534	1.9221108	0.7359491

2348	473794.83, 3848032.25	72.9317	27.483	1.2647561	0.4766004	1.7261829	0.6504807	1.8105558	0.6822751
2349	473794.83, 3848057.25	69.8819	25.5869	1.2118691	0.4437196	1.6540008	0.6056038	1.7348456	0.6352047
2350	473794.83, 3848082.25	66.9828	23.8772	1.1615923	0.4140707	1.5853813	0.565138	1.6628721	0.592761
2351	473794.83, 3848107.25	64.7884	22.7273	1.123539	0.3941297	1.5334448	0.5379218	1.608397	0.5642146
2352	473794.83, 3848132.25	61.0387	21.6916	1.0585129	0.3761684	1.4446951	0.5134077	1.5153093	0.5385022
2353	473794.83, 3848157.25	56.9075	20.7569	0.9868698	0.3599599	1.3469141	0.4912857	1.4127489	0.5152989
2354	473794.83, 3848182.25	53.6744	20.0353	0.9308025	0.3474454	1.2703914	0.4742055	1.332486	0.4973839
2355	473794.83, 3848207.25	52.3316	19.4137	0.9075172	0.3366652	1.2386108	0.4594922	1.299152	0.4819514
2356	473794.83, 3848232.25	50.8541	19.0014	0.8818954	0.3295161	1.2036413	0.4497349	1.2624732	0.4717172
2357	473794.83, 3848257.25	48.5826	18.5511	0.8425034	0.3217064	1.1498778	0.439076	1.2060819	0.4605373
2358	473794.83, 3848282.25	46.1371	18.1441	0.8000932	0.314649	1.0919948	0.4294439	1.1453697	0.4504344
2359	473819.83, 3847907.25	140.594	54.1535	2.4381345	0.9391111	3.3276503	1.2817313	3.4903002	1.3443801
2360	473819.83, 3847932.25	117.726	45.2682	2.0415619	0.7850266	2.7863942	1.0714314	2.9225885	1.1238012
2361	473819.83, 3847957.25	102.83	39.209	1.7832474	0.6799489	2.4338377	0.9280178	2.5527996	0.9733777
2362	473819.83, 3847982.25	91.2889	34.5287	1.5831009	0.5987856	2.1606708	0.8172433	2.2662807	0.8571888
2363	473819.83, 3848007.25	81.8983	31.1423	1.4202531	0.5400595	1.9384105	0.7370918	2.0331567	0.7731196
2364	473819.83, 3848032.25	75.9208	28.8137	1.3165931	0.4996778	1.7969318	0.6819776	1.8847628	0.7153115
2365	473819.83, 3848057.25	72.4258	26.7897	1.2559838	0.4645781	1.7142102	0.6340723	1.7979978	0.6650647
2366	473819.83, 3848082.25	69.5706	24.9874	1.2064698	0.4333229	1.6466316	0.5914141	1.7271162	0.6203214
2367	473819.83, 3848107.25	67.0281	23.4184	1.1623791	0.4061144	1.5864552	0.5542789	1.6639984	0.5813711
2368	473819.83, 3848132.25	63.66	22.2766	1.1039698	0.3863131	1.5067361	0.5272535	1.5803828	0.5530248
2369	473819.83, 3848157.25	59.8658	21.36	1.0381729	0.3704186	1.4169343	0.5055601	1.4861916	0.5302711
2370	473819.83, 3848182.25	55.7967	20.581	0.9676074	0.3569079	1.3206241	0.4871203	1.3851739	0.5109299
2371	473819.83, 3848207.25	53.8097	19.92	0.9331494	0.3454454	1.2735945	0.4714758	1.3358456	0.4945208
2372	473819.83, 3848232.25	52.3744	19.3943	0.9082596	0.3363287	1.2396241	0.4590331	1.3002148	0.4814698
2373	473819.83, 3848257.25	50.3493	18.9116	0.8731413	0.3279577	1.1916934	0.4476081	1.2499414	0.4694864
2374	473819.83, 3848282.25	47.797	18.512	0.828879	0.3210285	1.1312827	0.4381508	1.1865778	0.4595669
2375	473844.83, 3847932.25	131.38	49.6058	2.2783521	0.8602467	3.1095737	1.1740945	3.2615643	1.2314822
2376	473844.83, 3847957.25	112.092	42.2413	1.9438623	0.7325348	2.6530504	0.9997888	2.782727	1.0486567
2377	473844.83, 3847982.25	98.8863	37.0756	1.7148536	0.6429524	2.3404915	0.8775237	2.4548907	0.9204155
2378	473844.83, 3848007.25	88.5393	32.9006	1.5354194	0.5705511	2.0955935	0.7787079	2.1980226	0.8167698
2379	473844.83, 3848032.25	80.3804	30.3025	1.3939295	0.5254959	1.9024832	0.717215	1.9954733	0.7522713
2380	473844.83, 3848057.25	75.2833	28.1235	1.3055373	0.4877079	1.7818424	0.6656406	1.8689359	0.698176
2381	473844.83, 3848082.25	72.0159	26.1456	1.2488753	0.453408	1.7045082	0.6188269	1.7878217	0.6490741
2382	473844.83, 3848107.25	69.1775	24.4056	1.1996536	0.423233	1.6373287	0.577643	1.7173586	0.6058772
2383	473844.83, 3848132.25	66.1159	22.8903	1.1465595	0.3969554	1.5648641	0.5417784	1.6413519	0.5682596
2384	473844.83, 3848157.25	62.7016	21.9748	1.0873502	0.3810799	1.4840532	0.5201111	1.5565912	0.5455332
2385	473844.83, 3848182.25	58.8751	21.1733	1.0209918	0.3671809	1.3934849	0.5011412	1.4615961	0.5256362
2386	473844.83, 3848207.25	55.2368	20.4671	0.9578976	0.3549327	1.3073718	0.4844244	1.3712739	0.5081022
2387	473844.83, 3848232.25	53.8272	19.8286	0.9334528	0.34386	1.2740087	0.4693121	1.3362801	0.4922512
2388	473844.83, 3848257.25	52.0094	19.2932	0.90193	0.3345764	1.2309853	0.4566414	1.2911537	0.4789612
2389	473844.83, 3848282.25	49.8447	18.9188	0.8643895	0.3280829	1.1797487	0.4477789	1.2374128	0.4696656
2390	473844.83, 3848307.25	47.6402	18.6243	0.8261608	0.3229755	1.1275729	0.4408081	1.1826867	0.462354
2391	473869.83, 3847932.25	149.223	54.754	2.5877759	0.9495254	3.531886	1.2959451	3.7045186	1.3592887
2392	473869.83, 3847957.25	123.647	45.9188	2.144246	0.7963087	2.9265411	1.0868297	3.0695855	1.1399521
2393	473869.83, 3847982.25	108.074	40.1155	1.8741899	0.6956686	2.5579591	0.9494726	2.6829878	0.9958812
2394	473869.83, 3848007.25	96.2325	35.3981	1.6688321	0.6138616	2.2776798	0.8378195	2.3890089	0.8787707
2395	473869.83, 3848032.25	86.3667	31.9484	1.4977428	0.5540391	2.0441711	0.7561717	2.1440867	0.7931321
2396	473869.83, 3848057.25	79.1364	29.5629	1.3723561	0.5126695	1.8730391	0.6997091	1.96459	0.7339097
2397	473869.83, 3848082.25	74.718	27.4343	1.2957339	0.4757567	1.7684624	0.6493293	1.8549018	0.6810674
2398	473869.83, 3848107.25	71.7657	25.5746	1.2445371	0.4435061	1.6985873	0.6053125	1.7816114	0.6348991
2399	473869.83, 3848132.25	68.7167	23.8863	1.1916622	0.4142285	1.6264218	0.5653534	1.7059185	0.5929869
2400	473869.83, 3848157.25	65.467	22.6334	1.1353067	0.3925001	1.5495058	0.5356977	1.625243	0.5618817
2401	473869.83, 3848182.25	61.8375	21.7742	1.0723649	0.3776014	1.4636007	0.5153634	1.5351391	0.5405535
2402	473869.83, 3848207.25	57.6679	20.9896	1.0000578	0.3639948	1.3649135	0.4967926	1.4316281	0.521075
2403	473869.83, 3848232.25	55.2833	20.3308	0.9587049	0.3525701	1.3084736	0.4811998	1.3724296	0.50472

2404	473869.83, 3848257.25	53.6312	19.7289	0.930054	0.3421319	1.2693699	0.4669535	1.3314146	0.4897774
2405	473869.83, 3848282.25	51.7569	19.3267	0.8975511	0.3351563	1.2250088	0.4574328	1.2848851	0.4797914
2406	473869.83, 3848307.25	49.3201	19.0328	0.8552917	0.3300604	1.1673317	0.4504779	1.2243889	0.4724965
2407	473869.83, 3848332.25	48.2946	18.6705	0.8375078	0.3237772	1.1430596	0.4419023	1.1989304	0.4635017
2408	473894.83, 3847957.25	138.85	50.5294	2.407882	0.8762645	3.2863606	1.1959561	3.4469923	1.2544124
2409	473894.83, 3847982.25	118.665	43.5153	2.0578435	0.754628	2.8086159	1.0299424	2.9458963	1.0802843
2410	473894.83, 3848007.25	104.384	38.0568	1.8101922	0.6599684	2.4706129	0.9007477	2.5913722	0.9447747
2411	473894.83, 3848032.25	93.2954	33.8394	1.6178974	0.586831	2.2081623	0.8009272	2.3160936	0.8400751
2412	473894.83, 3848057.25	84.0647	31.1559	1.4578216	0.540295	1.9896853	0.7374132	2.0869377	0.7734567
2413	473894.83, 3848082.25	78.1027	28.9045	1.3544313	0.5012525	1.8485746	0.6841267	1.9389298	0.7175656
2414	473894.83, 3848107.25	74.5929	26.8766	1.2935643	0.466085	1.7655012	0.6361289	1.8517959	0.6672217
2415	473894.83, 3848132.25	71.5785	25.087	1.2412904	0.4350505	1.6941561	0.5937719	1.7769636	0.6227945
2416	473894.83, 3848157.25	68.3602	23.4356	1.1854794	0.4064123	1.6179833	0.5546855	1.6970675	0.5817976
2417	473894.83, 3848182.25	64.732	22.4146	1.12256	0.3887059	1.5321087	0.5305193	1.6069956	0.5564502
2418	473894.83, 3848207.25	60.7549	21.5785	1.0535903	0.3742062	1.4379765	0.5107296	1.5082624	0.5356932
2419	473894.83, 3848232.25	56.6559	20.8702	0.9825069	0.3619236	1.3409593	0.4939659	1.4065031	0.5181101
2420	473894.83, 3848257.25	55.1579	20.2005	0.9565294	0.3503096	1.3055044	0.4781146	1.3693152	0.5014841
2421	473894.83, 3848282.25	53.4603	19.7192	0.9270909	0.3419636	1.2653257	0.4667237	1.3271726	0.4895363
2422	473894.83, 3848307.25	51.2799	19.3704	0.8892779	0.3359143	1.2137172	0.4584674	1.2730416	0.4808765
2423	473894.83, 3848332.25	48.928	19.0028	0.8484936	0.3295398	1.1580534	0.4497673	1.2146571	0.4717512
2424	473894.83, 3848357.25	48.6653	18.658	0.8439364	0.3235602	1.1518336	0.4416062	1.2081332	0.4631912
2425	473919.83, 3847957.25	159.877	56.4022	2.7725309	0.9781076	3.784046	1.3349551	3.9690037	1.4002054
2426	473919.83, 3847982.25	131.664	47.4813	2.2832726	0.8234051	3.1162894	1.1238117	3.2686083	1.1787417
2427	473919.83, 3848007.25	113.955	41.1027	1.9761675	0.7127895	2.6971417	0.9728398	2.8289734	1.0203906
2428	473919.83, 3848032.25	101.164	36.3329	1.7543559	0.6300726	2.3944055	0.8599448	2.51144	0.9019775
2429	473919.83, 3848057.25	90.9515	32.926	1.57725	0.5709913	2.1526853	0.7793086	2.2579049	0.8173999
2430	473919.83, 3848082.25	82.7189	30.4708	1.4344832	0.5284137	1.9578322	0.7211972	2.0535277	0.7564481
2431	473919.83, 3848107.25	77.742	28.3114	1.3481753	0.4909659	1.8400362	0.6700872	1.929974	0.70284
2432	473919.83, 3848132.25	74.5528	26.3784	1.2928701	0.4574448	1.7645538	0.6243365	1.8508022	0.654853
2433	473919.83, 3848157.25	71.2334	24.5963	1.2353048	0.4265406	1.6859867	0.5821573	1.7683948	0.6106122
2434	473919.83, 3848182.25	67.6506	23.1306	1.1731741	0.4011229	1.6011886	0.5474664	1.679452	0.5742256
2435	473919.83, 3848207.25	63.8725	22.2337	1.1076561	0.3855697	1.5117673	0.5262388	1.5856599	0.5519605
2436	473919.83, 3848232.25	59.6506	21.455	1.0344406	0.3720649	1.4118403	0.507807	1.4808487	0.5326277
2437	473919.83, 3848257.25	56.6226	20.725	0.9819299	0.3594065	1.3401719	0.4905304	1.4056772	0.5145067
2438	473919.83, 3848282.25	55.0544	20.151	0.9547352	0.3494512	1.3030556	0.476943	1.3667468	0.5002552
2439	473919.83, 3848307.25	53.0506	19.7079	0.919986	0.3417669	1.2556287	0.4664553	1.3170017	0.4892548
2440	473919.83, 3848332.25	50.3394	19.3206	0.8729693	0.3350515	1.1914586	0.4572899	1.2496951	0.4796414
2441	473919.83, 3848357.25	49.4138	18.9726	0.8569171	0.3290159	1.1695501	0.4490523	1.2267158	0.4710012
2442	473919.83, 3848382.25	48.8974	18.6754	0.8479619	0.3238627	1.1573277	0.442019	1.2138959	0.4636241
2443	473944.83, 3847982.25	149.432	52.4453	2.591404	0.9094879	3.5368377	1.2413005	3.7097123	1.3019731
2444	473944.83, 3848007.25	126.888	44.952	2.2004471	0.7795431	3.0032462	1.0639474	3.1500398	1.1159514
2445	473944.83, 3848032.25	110.968	39.3619	1.9243662	0.6826006	2.6264416	0.931637	2.7548176	0.9771738
2446	473944.83, 3848057.25	98.6668	35.2296	1.7110464	0.6109404	2.3352953	0.8338326	2.4494406	0.8745889
2447	473944.83, 3848082.25	88.8426	32.1312	1.5406788	0.5572083	2.1027717	0.7604971	2.2055516	0.7976689
2448	473944.83, 3848107.25	81.8455	29.8406	1.4193375	0.5174848	1.9371608	0.7062811	2.031846	0.7408029
2449	473944.83, 3848132.25	77.6096	27.7567	1.3458792	0.4813475	1.8369025	0.6569597	1.9266871	0.6890708
2450	473944.83, 3848157.25	74.2382	25.8655	1.2874132	0.448551	1.757106	0.6121979	1.8429904	0.6421211
2451	473944.83, 3848182.25	70.7567	24.1358	1.2270382	0.4185556	1.6747041	0.5712592	1.7565608	0.5991813
2452	473944.83, 3848207.25	67.0091	22.9619	1.1620491	0.3981982	1.5860048	0.5434747	1.663526	0.5700388
2453	473944.83, 3848232.25	62.9103	22.1075	1.0909687	0.3833803	1.4889918	0.5232507	1.5617712	0.5488263
2454	473944.83, 3848257.25	58.2095	21.3101	1.0094492	0.3695526	1.3777312	0.5043781	1.4450723	0.5290313
2455	473944.83, 3848282.25	56.6442	20.6632	0.9823047	0.3583346	1.3406833	0.4890675	1.4062137	0.5129722
2456	473944.83, 3848307.25	54.8188	20.1321	0.9506495	0.3491236	1.2974793	0.4764959	1.3608979	0.4997862
2457	473944.83, 3848332.25	52.2845	19.6497	0.9067009	0.3407585	1.2374967	0.465079	1.2979835	0.4878112
2458	473944.83, 3848357.25	50.0077	19.2916	0.8672162	0.3345486	1.1836066	0.4566035	1.2414593	0.4789215
2459	473944.83, 3848382.25	49.9341	19.0375	0.8659398	0.3301426	1.1818646	0.45059	1.2396322	0.4726141

2460	473969.83, 3848007.25	144.022	49.6955	2.4975835	0.8618032	3.4087883	1.1762187	3.575404	1.2337103
2461	473969.83, 3848032.25	122.827	42.8635	2.1300203	0.7433244	2.9071254	1.0145148	3.0492207	1.0641026
2462	473969.83, 3848057.25	107.619	38.0236	1.8662913	0.6593925	2.5471788	0.8999616	2.6716806	0.9439502
2463	473969.83, 3848082.25	96.2592	34.3338	1.669295	0.595405	2.2783115	0.8126294	2.3896715	0.8523493
2464	473969.83, 3848107.25	87.4147	31.5107	1.5159158	0.5464473	2.0689743	0.7458101	2.1701022	0.782264
2465	473969.83, 3848132.25	80.9841	29.2734	1.404399	0.5076489	1.9167723	0.6928568	2.0104609	0.7267225
2466	473969.83, 3848157.25	77.4034	27.2624	1.3423028	0.4727752	1.8320213	0.6452599	1.9215674	0.6767991
2467	473969.83, 3848182.25	73.9689	25.4414	1.2827438	0.441196	1.750733	0.6021596	1.8363059	0.6315921
2468	473969.83, 3848207.25	70.3206	23.8093	1.2194762	0.4128934	1.6643832	0.5635312	1.7457355	0.5910756
2469	473969.83, 3848232.25	66.3547	22.8772	1.1507016	0.3967278	1.5705173	0.5414679	1.6472815	0.5679339
2470	473969.83, 3848257.25	61.6911	21.9879	1.0698256	0.3813069	1.460135	0.5204209	1.5315039	0.5458582
2471	473969.83, 3848282.25	58.2713	21.2655	1.0105211	0.3687788	1.3791941	0.5033221	1.4466068	0.5279236
2472	473969.83, 3848307.25	56.6654	20.6648	0.9826718	0.3583622	1.3411844	0.4891051	1.4067392	0.5130117
2473	473969.83, 3848332.25	54.3327	20.1009	0.9422189	0.3485827	1.2859729	0.4757577	1.3488291	0.4990119
2474	473969.83, 3848357.25	51.5066	19.6863	0.8932106	0.3413932	1.2190848	0.4659452	1.2786715	0.4887198
2475	473969.83, 3848382.25	50.7784	19.3842	0.8805811	0.3361548	1.2018475	0.4587957	1.2605917	0.4812208
2476	473969.83, 3848407.25	49.7208	18.8602	0.8622407	0.3270667	1.1768159	0.446392	1.2343367	0.4682108
2477	473994.83, 3848007.25	166.68	55.6701	2.890502	0.9654128	3.9450571	1.3176288	4.1378848	1.3820323
2478	473994.83, 3848032.25	138.44	47.0354	2.4007868	0.8156726	3.2766768	1.1132582	3.4368352	1.1676723
2479	473994.83, 3848057.25	118.175	41.2512	2.0493552	0.7153644	2.7970309	0.9763541	2.933745	1.0240766
2480	473994.83, 3848082.25	105.295	37.1434	1.825999	0.644128	2.4921865	0.8791282	2.6140003	0.9220984
2481	473994.83, 3848107.25	95.6218	33.9108	1.6582418	0.588069	2.2632257	0.8026169	2.3738483	0.8418474
2482	473994.83, 3848132.25	86.439	31.0268	1.4989957	0.5380565	2.0458811	0.7343581	2.1458803	0.7702523
2483	473994.83, 3848157.25	80.9208	28.8379	1.4033006	0.5000968	1.9152731	0.6825494	2.0088884	0.7159113
2484	473994.83, 3848182.25	77.3192	26.8865	1.3408435	0.4662565	1.8300296	0.6363629	1.9194784	0.6674673
2485	473994.83, 3848207.25	73.637	25.0774	1.2769876	0.434884	1.7428768	0.5935447	1.8280656	0.6225562
2486	473994.83, 3848232.25	69.7926	23.7156	1.2103196	0.4112685	1.651886	0.5613134	1.7326274	0.5887495
2487	473994.83, 3848257.25	65.1698	22.7241	1.1301534	0.3940733	1.5424725	0.5378449	1.6178659	0.5641339
2488	473994.83, 3848282.25	60.4598	21.9267	1.0484742	0.3802453	1.4309938	0.5189719	1.5009384	0.5443384
2489	473994.83, 3848307.25	58.485	21.2631	1.0142279	0.3687368	1.3842533	0.5032648	1.4519132	0.5278635
2490	473994.83, 3848332.25	56.3906	20.6295	0.9779066	0.3577504	1.3346808	0.4882701	1.3999177	0.5121359
2491	473994.83, 3848357.25	53.7939	20.1354	0.9328754	0.3491817	1.2732205	0.4765752	1.3354534	0.4998694
2492	473994.83, 3848382.25	51.5744	19.784	0.8943864	0.3430875	1.2206895	0.4682576	1.2803547	0.4911453
2493	473994.83, 3848407.25	50.9633	19.2943	0.8837887	0.3345946	1.2062254	0.4566662	1.2651837	0.4789873
2494	473994.83, 3848432.25	49.4291	18.7733	0.8571825	0.3255604	1.1699123	0.4443361	1.2270956	0.4660545
2495	474019.83, 3848032.25	159.212	52.3365	2.7610072	0.9076027	3.768318	1.2387275	3.952507	1.2992744
2496	474019.83, 3848057.25	133.108	45.3181	2.308311	0.7858919	3.1504627	1.0726125	3.3044519	1.1250399
2497	474019.83, 3848082.25	116.965	40.6373	2.0283607	0.7047186	2.7683768	0.9618242	2.9036904	1.0088366
2498	474019.83, 3848107.25	105.052	36.7764	1.8217785	0.6377636	2.4864263	0.8704418	2.6079586	0.9129875
2499	474019.83, 3848132.25	94.2463	33.3142	1.6343867	0.5777242	2.2306675	0.7884979	2.3396988	0.8270383
2500	474019.83, 3848157.25	85.8072	30.6697	1.4880403	0.5318631	2.0309288	0.7259051	2.1301971	0.7613861
2501	474019.83, 3848182.25	81.0068	28.5166	1.4047918	0.4945248	1.9173084	0.6749445	2.0110232	0.7079346
2502	474019.83, 3848207.25	76.9994	26.5204	1.3352973	0.4599073	1.82246	0.6276974	1.9115387	0.6583782
2503	474019.83, 3848232.25	73.1234	24.7117	1.2680807	0.4285415	1.7307204	0.5848882	1.815315	0.6134765
2504	474019.83, 3848257.25	68.6862	23.5356	1.191133	0.4081458	1.6256994	0.5570514	1.7051609	0.5842792
2505	474019.83, 3848282.25	64.1585	22.6632	1.1126156	0.3930172	1.5185363	0.5364035	1.5927597	0.562622
2506	474019.83, 3848307.25	60.3104	21.9362	1.0458828	0.38041	1.427457	0.5191968	1.4972287	0.5445742
2507	474019.83, 3848332.25	58.5112	21.2527	1.0146812	0.3685568	1.384872	0.5030191	1.4525621	0.5276058
2508	474019.83, 3848357.25	56.007	20.6293	0.9712542	0.3577464	1.3256013	0.4882646	1.3903944	0.5121302
2509	474019.83, 3848382.25	53.0792	20.206	0.9204811	0.3504063	1.2563044	0.4782467	1.3177104	0.5016226
2510	474019.83, 3848407.25	51.9518	19.6942	0.9009303	0.3415305	1.2296208	0.4661327	1.2897226	0.4889165
2511	474019.83, 3848432.25	50.9084	19.2079	0.8828369	0.3330971	1.2049263	0.4546225	1.263821	0.4768436
2512	474019.83, 3848457.25	49.6021	18.8062	0.8601826	0.3261299	1.1740069	0.4451134	1.2313904	0.4668698
2513	474044.83, 3848057.25	153.359	50.6537	2.6594962	0.8784189	3.6297723	1.1988965	3.8071894	1.2574965
2514	474044.83, 3848082.25	132.164	44.8845	2.2919412	0.778371	3.1281206	1.0623477	3.2810178	1.1142734
2515	474044.83, 3848107.25	115.73	40.005	2.0069424	0.6937531	2.7391443	0.9468582	2.8730291	0.993139

2516	474044.83, 3848132.25	103.418	36.0639	1.7934358	0.6254071	2.4477432	0.8535773	2.5673847	0.8952987
2517	474044.83, 3848157.25	92.8197	32.754	1.6096485	0.5680082	2.1969039	0.7752372	2.3042849	0.8131294
2518	474044.83, 3848182.25	85.2215	30.3498	1.4778817	0.5263153	2.017064	0.7183333	2.1156547	0.7534443
2519	474044.83, 3848207.25	80.5272	28.0887	1.3964758	0.4871051	1.9059584	0.6648179	1.9991184	0.6973131
2520	474044.83, 3848232.25	76.5515	26.124	1.3275298	0.4530329	1.8118586	0.618315	1.9004192	0.6485372
2521	474044.83, 3848257.25	72.2915	24.4392	1.2536554	0.4238159	1.7110322	0.5784385	1.7946645	0.6067116
2522	474044.83, 3848282.25	67.9949	23.492	1.1791442	0.4073902	1.6093367	0.5560202	1.6879983	0.5831975
2523	474044.83, 3848307.25	63.2331	22.6815	1.0965675	0.3933344	1.4966332	0.5368364	1.5697861	0.5630761
2524	474044.83, 3848332.25	60.4902	21.9038	1.0490003	0.3798475	1.4317119	0.5184289	1.5016916	0.5437689
2525	474044.83, 3848357.25	58.3358	21.2414	1.0116393	0.3683617	1.3807203	0.5027528	1.4482075	0.5273265
2526	474044.83, 3848382.25	55.548	20.697	0.9632954	0.3589199	1.3147389	0.4898663	1.3790011	0.5138101
2527	474044.83, 3848407.25	52.9252	20.1657	0.9178101	0.349707	1.252659	0.4772921	1.3138868	0.5006214
2528	474044.83, 3848432.25	52.1884	19.6371	0.905033	0.3405405	1.2352203	0.4647814	1.2955958	0.4874992
2529	474044.83, 3848457.25	50.5645	19.1339	0.8768722	0.3318143	1.1967855	0.4528717	1.2552823	0.4750073
2530	474044.83, 3848482.25	49.7272	18.6975	0.862352	0.3242449	1.1769678	0.4425406	1.234496	0.4641713
2531	474069.83, 3848057.25	180.388	57.5172	3.128228	0.9974434	4.2695137	1.3613452	4.4782002	1.4278855
2532	474069.83, 3848082.25	150.861	49.9303	2.6161795	0.8658741	3.5706522	1.1817749	3.7451796	1.2395381
2533	474069.83, 3848107.25	128.677	43.7138	2.2314812	0.7580697	3.0456027	1.0346397	3.1944666	1.0852111
2534	474069.83, 3848132.25	113.69	39.1374	1.9715758	0.6787081	2.6908748	0.9263243	2.8224002	0.9716015
2535	474069.83, 3848157.25	101.656	35.365	1.762888	0.6132886	2.4060504	0.8370375	2.5236541	0.8779505
2536	474069.83, 3848182.25	91.0466	32.2915	1.5789	0.5599885	2.1549373	0.7642917	2.260267	0.8016489
2537	474069.83, 3848207.25	84.479	29.8192	1.4650059	0.5171151	1.9994906	0.7057765	2.0972223	0.7402737
2538	474069.83, 3848232.25	80.0881	27.6461	1.3888604	0.4794292	1.8955646	0.6543415	1.9882166	0.6863246
2539	474069.83, 3848257.25	75.8636	25.6807	1.3156012	0.4453464	1.795578	0.6078242	1.8833428	0.6375336
2540	474069.83, 3848282.25	71.8115	24.3817	1.2453309	0.4228194	1.6996706	0.5770785	1.7827476	0.6052852
2541	474069.83, 3848307.25	67.2755	23.4989	1.1666694	0.4075105	1.5923108	0.5561845	1.6701402	0.5833698
2542	474069.83, 3848332.25	62.4312	22.6233	1.0826602	0.392326	1.477652	0.5354601	1.5498771	0.5616325
2543	474069.83, 3848357.25	60.4411	21.8578	1.0481492	0.3790499	1.4305503	0.5173404	1.5004731	0.5426271
2544	474069.83, 3848382.25	57.9419	21.2404	1.0048086	0.3683432	1.3713975	0.5027275	1.4384291	0.5273
2545	474069.83, 3848407.25	54.5093	20.6584	0.9452823	0.3582517	1.2901539	0.4889543	1.3532145	0.5128536
2546	474069.83, 3848432.25	53.3001	20.0806	0.9243124	0.348231	1.2615335	0.4752777	1.3231951	0.4985085
2547	474069.83, 3848457.25	52.026	19.5377	0.9022172	0.3388155	1.2313772	0.4624271	1.2915649	0.4850298
2548	474069.83, 3848482.25	50.867	19.1313	0.8821182	0.3317682	1.2039454	0.4528087	1.2627922	0.4749413
2549	474094.83, 3848082.25	174.262	55.8796	3.0219879	0.9690456	4.1245136	1.3225869	4.3261128	1.3872327
2550	474094.83, 3848107.25	147.187	48.6545	2.5524754	0.8437494	3.4837067	1.1515784	3.6539843	1.2078656
2551	474094.83, 3848132.25	126.739	42.934	2.1978732	0.7445461	2.9997334	1.0161823	3.1463552	1.0658515
2552	474094.83, 3848157.25	111.639	38.3284	1.9360105	0.6646784	2.642334	0.907176	2.7714868	0.9515173
2553	474094.83, 3848182.25	99.1803	34.6143	1.7199505	0.600269	2.3474479	0.8192679	2.4621872	0.8593123
2554	474094.83, 3848207.25	89.5471	31.7278	1.5528948	0.5502134	2.1194445	0.7509502	2.2230393	0.7876554
2555	474094.83, 3848232.25	83.9151	29.3181	1.4552274	0.5084241	1.9861447	0.6939148	2.0832241	0.7278322
2556	474094.83, 3848257.25	79.6945	27.216	1.3820354	0.4719698	1.8862496	0.6441608	1.9784463	0.6756462
2557	474094.83, 3848282.25	75.6824	25.3642	1.3124582	0.4398571	1.7912883	0.6003321	1.8788434	0.6296754
2558	474094.83, 3848307.25	71.2546	24.363	1.235674	0.4224944	1.6864906	0.576635	1.7689234	0.6048199
2559	474094.83, 3848332.25	65.9909	23.4167	1.1443911	0.4060845	1.5619045	0.5542382	1.6382478	0.5813284
2560	474094.83, 3848357.25	62.4702	22.5389	1.0833367	0.3908612	1.4785753	0.5334608	1.5508456	0.5595355
2561	474094.83, 3848382.25	60.3539	21.8777	1.0466367	0.379395	1.4284859	0.5178114	1.4983079	0.5431212
2562	474094.83, 3848407.25	57.3093	21.2582	0.9938388	0.368652	1.3564255	0.503149	1.4227253	0.5277421
2563	474094.83, 3848432.25	54.4134	20.6076	0.943618	0.3573702	1.2878825	0.4877513	1.350832	0.5115917
2564	474094.83, 3848457.25	53.3976	19.9883	0.9260039	0.3466304	1.2638421	0.4730931	1.3256166	0.4962171
2565	474094.83, 3848482.25	51.9804	19.6087	0.9014257	0.3400482	1.230297	0.4641095	1.2904318	0.4867944
2566	474094.83, 3848507.25	51.3169	19.1773	0.8899199	0.3325654	1.2145934	0.4538968	1.2739607	0.4760825
2567	474119.83, 3848107.25	172.805	55.5839	2.9967338	0.9639173	4.0900459	1.3155876	4.2899603	1.3798913
2568	474119.83, 3848132.25	144.061	47.5071	2.4982534	0.8238518	3.4097026	1.1244214	3.576363	1.1793812
2569	474119.83, 3848157.25	123.796	41.8423	2.14683	0.7256151	2.9300677	0.9903446	3.0732845	1.0387509
2570	474119.83, 3848182.25	109.519	37.6296	1.8992416	0.6525606	2.5921506	0.8906372	2.7188505	0.93417
2571	474119.83, 3848207.25	97.0994	34.0232	1.6838648	0.5900184	2.2981968	0.8052775	2.4105288	0.844638

2572	474119.83, 3848232.25	88.6606	31.2574	1.5375226	0.5420546	2.098464	0.7398149	2.2010334	0.7759758
2573	474119.83, 3848257.25	84.0089	28.9456	1.4568541	0.5019643	1.9883648	0.6850983	2.0855527	0.7185847
2574	474119.83, 3848282.25	79.5744	26.8564	1.3799521	0.4657341	1.8834064	0.63565	1.975464	0.6667195
2575	474119.83, 3848307.25	74.9627	25.2475	1.2999777	0.4378336	1.7742546	0.5975705	1.8609771	0.6267787
2576	474119.83, 3848332.25	69.9308	24.2123	1.2127166	0.4198812	1.6551575	0.5730684	1.7360588	0.601079
2577	474119.83, 3848357.25	64.6013	23.3435	1.1202935	0.4048143	1.5290153	0.5525045	1.6037509	0.57951
2578	474119.83, 3848382.25	62.636	22.5623	1.0862131	0.3912669	1.4825012	0.5340147	1.5549634	0.5601164
2579	474119.83, 3848407.25	60.0099	21.9036	1.0406708	0.3798454	1.4203435	0.5184261	1.4897674	0.5437659
2580	474119.83, 3848432.25	56.14	21.1948	0.9735601	0.3675538	1.3287485	0.5016501	1.3936955	0.5261699
2581	474119.83, 3848457.25	54.6389	20.4753	0.9475298	0.3550749	1.2932214	0.4846185	1.3564318	0.5083058
2582	474119.83, 3848482.25	53.6231	20.0579	0.9299134	0.3478375	1.269178	0.4747407	1.3312132	0.4979452
2583	474119.83, 3848507.25	52.5005	19.6054	0.9104463	0.3399897	1.2426086	0.4640297	1.3033452	0.4867107
2584	474119.83, 3848532.25	52.164	19.2484	0.9046111	0.3337991	1.2346444	0.4555806	1.2949918	0.4778486
2585	474144.83, 3848107.25	204.051	63.3658	3.5385838	1.0988689	4.8295814	1.4997743	5.0656432	1.5730807
2586	474144.83, 3848132.25	165.825	53.0982	2.8756831	0.9208113	3.9248317	1.2567551	4.1166708	1.3181831
2587	474144.83, 3848157.25	140.273	46.2	2.4325692	0.8011849	3.3200546	1.0934848	3.4823332	1.1469325
2588	474144.83, 3848182.25	121.216	41.0191	2.1020876	0.7113396	2.8690018	0.9708609	3.0092337	1.0183149
2589	474144.83, 3848207.25	105.948	36.6749	1.8373191	0.6360029	2.5076366	0.8680388	2.6302056	0.910467
2590	474144.83, 3848232.25	95.2064	33.5117	1.651037	0.5811481	2.2533924	0.793171	2.3635344	0.8319399
2591	474144.83, 3848257.25	88.7746	30.8769	1.5394994	0.5354568	2.101162	0.73081	2.2038632	0.7665307
2592	474144.83, 3848282.25	83.8087	28.5581	1.4533821	0.4952455	1.9836261	0.6759281	2.0805824	0.7089664
2593	474144.83, 3848307.25	78.8931	26.4398	1.3681369	0.4585108	1.8672805	0.6257914	1.95855	0.656379
2594	474144.83, 3848332.25	73.9736	25.1258	1.2828251	0.4357239	1.750844	0.594691	1.8364223	0.6237585
2595	474144.83, 3848357.25	68.8672	24.1994	1.1942709	0.4196575	1.6299823	0.5727631	1.709653	0.6007588
2596	474144.83, 3848382.25	64.8528	23.322	1.1246547	0.4044428	1.5349677	0.5519975	1.6099943	0.5789782
2597	474144.83, 3848407.25	62.476	22.5578	1.0834385	0.3911891	1.4787143	0.5339084	1.5509913	0.5600049
2598	474144.83, 3848432.25	58.9138	21.766	1.021664	0.3774585	1.3944023	0.5151684	1.4625583	0.5403489
2599	474144.83, 3848457.25	55.7391	20.9983	0.9666092	0.364146	1.3192617	0.496999	1.383745	0.5212915
2600	474144.83, 3848482.25	55.0363	20.5038	0.9544203	0.3555693	1.3026258	0.4852933	1.3662959	0.5090136
2601	474144.83, 3848507.25	53.4849	20.0166	0.9275171	0.3471211	1.2659074	0.4737629	1.3277828	0.4969197
2602	474144.83, 3848532.25	52.9005	19.6532	0.917383	0.3408195	1.252076	0.4651623	1.3132754	0.4878986
2603	474144.83, 3848557.25	53.104	19.3342	0.9209122	0.3352867	1.2568928	0.4576108	1.3183276	0.4799781
2604	474169.83, 3848132.25	198.799	61.8773	3.4475097	1.073056	4.7052804	1.4645439	4.9352665	1.5361283
2605	474169.83, 3848157.25	164.575	52.5325	2.8540018	0.9110013	3.8952404	1.243366	4.0856331	1.3041397
2606	474169.83, 3848182.25	138.066	45.5975	2.3943023	0.7907362	3.2678265	1.079224	3.4275523	1.1319747
2607	474169.83, 3848207.25	119.508	40.4825	2.0724693	0.7020339	2.8285777	0.9581601	2.9668337	1.0049934
2608	474169.83, 3848232.25	103.675	36.0459	1.7978971	0.625095	2.4538322	0.8531513	2.5737713	0.8948518
2609	474169.83, 3848257.25	95.313	33.2822	1.6528851	0.5771684	2.2559147	0.7877393	2.36618	0.8262427
2610	474169.83, 3848282.25	89.5712	30.6675	1.5533133	0.5318248	2.1200156	0.7258528	2.2236384	0.7613313
2611	474169.83, 3848307.25	83.4836	28.1889	1.4477436	0.4888428	1.9759305	0.6671895	2.0725107	0.6998006
2612	474169.83, 3848332.25	78.2406	26.188	1.3568213	0.4541431	1.8518366	0.6198303	1.9423512	0.6501265
2613	474169.83, 3848357.25	73.2317	25.1225	1.2699595	0.4356663	1.7332846	0.5946124	1.8180046	0.623676
2614	474169.83, 3848382.25	67.1586	24.0776	1.1646411	0.4175455	1.5895425	0.5698805	1.6672366	0.5977353
2615	474169.83, 3848407.25	64.7486	23.2488	1.122849	0.4031736	1.5325031	0.5502652	1.6074092	0.5771612
2616	474169.83, 3848432.25	61.685	22.4277	1.0697209	0.3889331	1.459992	0.5308293	1.5313539	0.5567754
2617	474169.83, 3848457.25	57.3475	21.5898	0.9945009	0.3744037	1.3573292	0.5109992	1.4236731	0.5359759
2618	474169.83, 3848482.25	56.2608	20.9753	0.9756557	0.3637462	1.3316086	0.4964535	1.3966954	0.5207193
2619	474169.83, 3848507.25	55.173	20.5608	0.9567911	0.3565578	1.3058615	0.4866424	1.3696898	0.5104286
2620	474169.83, 3848532.25	54.2743	20.1245	0.941206	0.3489916	1.2845904	0.4763158	1.347379	0.4995973
2621	474169.83, 3848557.25	54.0855	19.7543	0.9379329	0.3425722	1.2801232	0.4675544	1.3426935	0.4904077
2622	474169.83, 3848582.25	53.6811	19.4325	0.930919	0.3369924	1.2705505	0.4599389	1.3326528	0.4824199
2623	474194.83, 3848157.25	196.101	60.6957	3.4007207	1.0525646	4.6414211	1.4365765	4.8682859	1.5067939
2624	474194.83, 3848182.25	166.822	54.063	2.8929753	0.9375427	3.9484327	1.2795907	4.1414254	1.3421349
2625	474194.83, 3848207.25	143.21	47.9017	2.4835034	0.8306955	3.3895713	1.1337619	3.5552478	1.1891783
2626	474194.83, 3848232.25	119.346	40.3864	2.069654	0.700367	2.8247353	0.9558851	2.9628036	1.0026071
2627	474194.83, 3848257.25	105.45	36.4405	1.8286836	0.6319391	2.4958506	0.8624923	2.6178435	0.9046494

2628	474194.83, 3848282.25	95.5761	33.042	1.6574482	0.5730029	2.2621426	0.7820542	2.3727123	0.8202796
2629	474194.83, 3848307.25	89.2563	30.2815	1.5478522	0.5251309	2.1125622	0.7167168	2.2158206	0.7517487
2630	474194.83, 3848332.25	83.0788	27.8219	1.4407251	0.4824772	1.9663514	0.6585015	2.0624633	0.6906879
2631	474194.83, 3848357.25	77.779	26.1783	1.3488171	0.453976	1.8409122	0.6196021	1.9308928	0.6498872
2632	474194.83, 3848382.25	71.7436	24.9928	1.2441527	0.4334167	1.6980626	0.5915421	1.781061	0.6204557
2633	474194.83, 3848407.25	66.996	24.0393	1.1618221	0.4168808	1.5856949	0.5689733	1.663201	0.5967837
2634	474194.83, 3848432.25	64.5774	23.2266	1.1198792	0.4027884	1.5284498	0.5497395	1.6031579	0.5766099
2635	474194.83, 3848457.25	60.9796	22.4308	1.0574882	0.3889881	1.4432965	0.5309044	1.5138424	0.5568541
2636	474194.83, 3848482.25	57.5461	21.5586	0.9979442	0.3738622	1.3620288	0.51026	1.4286024	0.5352006
2637	474194.83, 3848507.25	56.6516	21.009	0.9824335	0.3643305	1.3408592	0.4972508	1.4063981	0.5215556
2638	474194.83, 3848532.25	55.6083	20.642	0.9643396	0.3579663	1.316164	0.4885647	1.3804958	0.512445
2639	474194.83, 3848557.25	55.1313	20.2648	0.9560678	0.3514253	1.3048743	0.4796375	1.3686544	0.5030813
2640	474194.83, 3848582.25	55.0113	19.8676	0.9539875	0.3445372	1.302035	0.4702363	1.3656763	0.4932207
2641	474219.83, 3848182.25	190.107	58.9972	3.2967723	1.0231091	4.4995488	1.3963746	4.7194791	1.464627
2642	474219.83, 3848207.25	156.352	50.3891	2.7114019	0.8738306	3.700615	1.1926343	3.8814947	1.2509282
2643	474219.83, 3848232.25	134.492	44.6663	2.33232	0.7745886	3.183231	1.0571853	3.3388219	1.1088588
2644	474219.83, 3848257.25	116.989	39.7211	2.0287891	0.6888296	2.7689615	0.9401385	2.9043036	0.9860908
2645	474219.83, 3848282.25	103.306	35.9013	1.7914968	0.6225888	2.4450968	0.8497307	2.564609	0.8912641
2646	474219.83, 3848307.25	95.3157	32.5655	1.6529333	0.5647403	2.2559805	0.7707771	2.366249	0.8084513
2647	474219.83, 3848332.25	88.6209	29.8335	1.5368338	0.5173625	2.0975239	0.7061142	2.2000473	0.7406279
2648	474219.83, 3848357.25	83.0256	27.5259	1.4398022	0.4773442	1.9650918	0.6514959	2.0611421	0.6833399
2649	474219.83, 3848382.25	76.7329	26.0907	1.3306758	0.4524554	1.8161523	0.6175268	1.9049227	0.6477105
2650	474219.83, 3848407.25	70.4304	24.9737	1.2213808	0.4330855	1.6669828	0.5910901	1.748462	0.6199815
2651	474219.83, 3848432.25	67.0972	24.0088	1.1635769	0.416353	1.58809	0.568253	1.6657131	0.5960283
2652	474219.83, 3848457.25	63.7017	23.0658	1.104694	0.4	1.5077245	0.5459339	1.5814195	0.5726182
2653	474219.83, 3848482.25	58.8715	22.1093	1.0209304	0.383412	1.3934011	0.523294	1.4615082	0.5488717
2654	474219.83, 3848507.25	58.0301	21.522	1.0063385	0.3732275	1.3734855	0.5093937	1.4406192	0.534292
2655	474219.83, 3848532.25	56.7275	21.0676	0.9837483	0.3653464	1.3426537	0.4986373	1.4082804	0.5230099
2656	474219.83, 3848557.25	56.2148	20.6947	0.9748573	0.35888	1.3305189	0.4898118	1.3955524	0.513753
2657	474219.83, 3848582.25	56.384	20.3854	0.9777925	0.3535169	1.334525	0.4824921	1.3997543	0.5060755
2658	474219.83, 3848607.25	55.9198	20.1393	0.9697425	0.3492486	1.3235381	0.4766666	1.3882304	0.4999652
2659	474244.83, 3848207.25	187.927	59.1166	3.2589663	1.0251795	4.4479498	1.3992004	4.665358	1.4675909
2660	474244.83, 3848232.25	154.589	50.1247	2.6808347	0.869246	3.6588959	1.186377	3.8377365	1.2443651
2661	474244.83, 3848257.25	132.389	44.0817	2.2958495	0.7644495	3.1334547	1.0433471	3.2866126	1.0943441
2662	474244.83, 3848282.25	116.209	39.5829	2.0152511	0.6864325	2.7504844	0.9368668	2.8849234	0.9826592
2663	474244.83, 3848307.25	103.146	35.71	1.7887182	0.6192705	2.4413044	0.8452017	2.5606312	0.8865137
2664	474244.83, 3848332.25	95.341	32.2104	1.6533721	0.5585824	2.2565793	0.7623726	2.3668771	0.7996361
2665	474244.83, 3848357.25	88.146	29.4203	1.528599	0.5101973	2.0862847	0.6963349	2.1882587	0.7303706
2666	474244.83, 3848382.25	81.2742	27.1727	1.4094297	0.4712191	1.9236383	0.6431362	2.0176625	0.6745715
2667	474244.83, 3848407.25	74.9766	25.881	1.3002181	0.4488196	1.7745826	0.6125645	1.8613212	0.6425056
2668	474244.83, 3848432.25	69.2394	24.7939	1.2007267	0.4299678	1.6387933	0.5868349	1.7188948	0.6155184
2669	474244.83, 3848457.25	66.3207	23.7852	1.1501116	0.4124753	1.5697121	0.5629605	1.6464369	0.5904771
2670	474244.83, 3848482.25	62.3083	22.8624	1.0805299	0.3964712	1.4747446	0.5411176	1.5468276	0.5675665
2671	474244.83, 3848507.25	59.3959	22.1293	1.0300232	0.3837596	1.4058113	0.5237683	1.4745249	0.5493692
2672	474244.83, 3848532.25	58.4373	21.5711	1.0134005	0.3740789	1.383124	0.5105559	1.4507288	0.535511
2673	474244.83, 3848557.25	57.4331	21.1468	0.9959862	0.3667203	1.3593564	0.5005126	1.4257994	0.5249768
2674	474244.83, 3848582.25	57.1924	20.7844	0.991811	0.3604366	1.3536579	0.4919363	1.4198224	0.5159813
2675	474244.83, 3848607.25	56.9391	20.422	0.9874182	0.3541506	1.3476625	0.483357	1.4135339	0.5069826
2676	474244.83, 3848632.25	55.6891	20.2321	0.9657423	0.3508577	1.3180785	0.4788628	1.3825039	0.5022688
2677	474269.83, 3848232.25	179.408	56.2669	3.1112312	0.9757622	4.246316	1.3317539	4.4538686	1.3968478
2678	474269.83, 3848257.25	155.007	50.9285	2.6880801	0.8831842	3.6687846	1.2054003	3.8481086	1.2643183
2679	474269.83, 3848282.25	132.385	44.3668	2.2957711	0.7693938	3.1333477	1.0500952	3.2865004	1.1014221
2680	474269.83, 3848307.25	113.96	39.0024	1.9762639	0.6763665	2.6972733	0.9231284	2.8291115	0.9682493
2681	474269.83, 3848332.25	102.833	35.305	1.7832996	0.6122478	2.433909	0.8356169	2.5528743	0.8764605
2682	474269.83, 3848357.25	94.0407	31.6002	1.6308215	0.5479999	2.2258015	0.7479292	2.3345949	0.7844867
2683	474269.83, 3848382.25	86.4639	28.7925	1.499427	0.4993105	2.0464698	0.6814763	2.1464977	0.7147857

2684	474269.83, 3848407.25	79.7746	26.9604	1.3834241	0.4675375	1.888145	0.6381113	1.9804343	0.6693011
2685	474269.83, 3848432.25	73.1761	25.7227	1.2689953	0.4460748	1.7319686	0.6088182	1.8166243	0.6385762
2686	474269.83, 3848457.25	69.1719	24.6889	1.1995549	0.4281464	1.6371941	0.584349	1.7172173	0.612911
2687	474269.83, 3848482.25	65.9213	23.7643	1.1431853	0.4121128	1.5602589	0.5624658	1.6365217	0.5899582
2688	474269.83, 3848507.25	61.2403	22.8746	1.062008	0.3966831	1.4494652	0.5414068	1.5203126	0.5678698
2689	474269.83, 3848532.25	60.1134	22.1647	1.0424669	0.3843731	1.4227948	0.5246057	1.4923386	0.5502475
2690	474269.83, 3848557.25	58.6023	21.6557	1.0162615	0.3755455	1.3870289	0.5125575	1.4548245	0.5376104
2691	474269.83, 3848582.25	58.2081	21.2803	1.0094244	0.3690349	1.3776973	0.5036716	1.4450368	0.5282902
2692	474269.83, 3848607.25	58.3507	20.908	1.011898	0.3625793	1.3810734	0.4948608	1.4485779	0.5190488
2693	474269.83, 3848632.25	57.2562	20.5754	0.9929169	0.3568117	1.3551673	0.4869889	1.4214056	0.5107921
2694	474269.83, 3848657.25	55.5362	20.2956	0.9630901	0.3519586	1.3144586	0.4803653	1.3787071	0.5038447
2695	474294.83, 3848257.25	176.567	55.7446	3.0619592	0.9667036	4.1790678	1.3193905	4.3833335	1.38388
2696	474294.83, 3848282.25	148.481	48.7101	2.5749048	0.8447138	3.514319	1.1528946	3.6860929	1.2092461
2697	474294.83, 3848307.25	132.464	44.935	2.2971413	0.7792473	3.1352178	1.0635437	3.2884619	1.1155279
2698	474294.83, 3848332.25	121.635	43.3605	2.1093498	0.7519425	2.8789135	1.0262771	3.0196299	1.0764398
2699	474294.83, 3848357.25	104.224	35.3887	1.8074241	0.6136984	2.4668349	0.8375968	2.5874096	0.8785371
2700	474294.83, 3848382.25	93.1753	31.0831	1.6158143	0.5390321	2.2053193	0.7356897	2.3131115	0.771649
2701	474294.83, 3848407.25	85.4521	28.3393	1.4818819	0.4914501	2.0225237	0.6707481	2.1213812	0.7035331
2702	474294.83, 3848432.25	78.6679	26.887	1.3642328	0.4662644	1.861952	0.6363738	1.9529611	0.6674787
2703	474294.83, 3848457.25	72.0326	25.7157	1.2491658	0.4459532	1.7049047	0.6086523	1.7882375	0.6384022
2704	474294.83, 3848482.25	69.2446	24.6978	1.2008157	0.4283011	1.6389148	0.5845602	1.7190221	0.6131325
2705	474294.83, 3848507.25	65.0174	23.7066	1.1275104	0.4111122	1.5388652	0.5611002	1.6140823	0.5885258
2706	474294.83, 3848532.25	61.6635	22.8255	1.069347	0.3958321	1.4594817	0.5402454	1.5308187	0.5666517
2707	474294.83, 3848557.25	60.4105	22.1962	1.0476184	0.3849183	1.4298258	0.5253499	1.4997132	0.5510281
2708	474294.83, 3848582.25	59.5834	21.7607	1.0332748	0.377366	1.4102491	0.5150422	1.4791797	0.5402166
2709	474294.83, 3848607.25	59.4253	21.3646	1.0305336	0.3704982	1.4065078	0.5056688	1.4752555	0.530385
2710	474294.83, 3848632.25	58.8933	21.0121	1.021308	0.3643844	1.3939164	0.4973245	1.4620487	0.5216328
2711	474294.83, 3848657.25	57.3115	20.7932	0.9938773	0.3605892	1.356478	0.4921446	1.4227804	0.5161998
2712	474294.83, 3848682.25	55.5391	20.587	0.9631406	0.357012	1.3145275	0.4872623	1.3787794	0.5110788
2713	474319.83, 3848257.25	211.04	64.4108	3.6597793	1.1169909	4.9949933	1.5245078	5.23914	1.5990232
2714	474319.83, 3848282.25	177.434	57.4684	3.0769988	0.9965982	4.1995943	1.3601916	4.4048634	1.4266755
2715	474319.83, 3848307.25	154.273	52.5022	2.6753498	0.9104762	3.6514098	1.2426494	3.8298845	1.3033879
2716	474319.83, 3848332.25	134.377	47.3765	2.3303271	0.8215865	3.180511	1.1213296	3.335969	1.1761383
2717	474319.83, 3848357.25	121.205	43.059	2.1019039	0.7467147	2.8687512	1.019142	3.0089708	1.0689559
2718	474319.83, 3848382.25	105.736	35.6149	1.8336459	0.6176211	2.5026234	0.8429506	2.6249473	0.8841526
2719	474319.83, 3848407.25	93.1746	30.7633	1.6158029	0.5334863	2.2053037	0.7281205	2.3130951	0.7637098
2720	474319.83, 3848432.25	84.565	28.2433	1.4664981	0.4897862	2.0015273	0.6684771	2.0993586	0.7011511
2721	474319.83, 3848457.25	77.4966	26.8726	1.3439193	0.4660154	1.8342275	0.6360339	1.9238814	0.6671222
2722	474319.83, 3848482.25	72.1387	25.6316	1.2510051	0.4444942	1.7074149	0.6066611	1.7908705	0.6363137
2723	474319.83, 3848507.25	68.3363	24.5196	1.1850653	0.4252101	1.6174181	0.5803415	1.6964747	0.6087076
2724	474319.83, 3848532.25	63.0836	23.5011	1.0939739	0.4075482	1.4930933	0.5562358	1.5660732	0.5834237
2725	474319.83, 3848557.25	62.0553	22.774	1.0761421	0.3949382	1.468756	0.5390253	1.5405463	0.5653719
2726	474319.83, 3848582.25	60.8136	22.2764	1.0546097	0.386309	1.4393677	0.5272478	1.5097216	0.5530188
2727	474319.83, 3848607.25	60.2943	21.8414	1.0456028	0.3787655	1.4270748	0.5169523	1.4968278	0.54222
2728	474319.83, 3848632.25	60.4987	21.5126	1.0491481	0.3730637	1.4319136	0.5091703	1.5019031	0.5340577
2729	474319.83, 3848657.25	58.996	21.2005	1.0230895	0.3676521	1.3963479	0.5017843	1.464599	0.5263107
2730	474319.83, 3848682.25	57.7152	21.0889	1.0008781	0.3657161	1.366033	0.499142	1.4328024	0.5235392
2731	474319.83, 3848707.25	54.6082	20.8708	0.9469967	0.3619351	1.2924938	0.4939815	1.3556687	0.5181265
2732	474344.83, 3848282.25	210.985	66.1752	3.6588274	1.1475879	4.9936941	1.5662676	5.2377774	1.6428241
2733	474344.83, 3848307.25	174.759	57.1167	3.0306079	0.9904979	4.1362785	1.3518658	4.3384527	1.4179427
2734	474344.83, 3848332.25	147.398	49.2405	2.5561248	0.8539124	3.4886875	1.1654491	3.6592086	1.2224143
2735	474344.83, 3848357.25	125.063	42.6866	2.1688012	0.7402572	2.9600548	1.0103286	3.1047372	1.0597117
2736	474344.83, 3848382.25	110.287	37.7811	1.912558	0.6551863	2.6103252	0.8942208	2.7379135	0.9379288
2737	474344.83, 3848407.25	102.514	34.1026	1.7777676	0.5913955	2.4263587	0.807157	2.544955	0.8466094
2738	474344.83, 3848432.25	93.611	30.616	1.623371	0.5309331	2.2156328	0.7246358	2.3239292	0.7600548
2739	474344.83, 3848457.25	83.9486	28.2899	1.4558084	0.4905946	1.9869376	0.6695805	2.0840557	0.7023084

2740	474344.83, 3848482.25	75.4933	26.7276	1.3091787	0.4635002	1.7868124	0.6326011	1.8741487	0.6635215
2741	474344.83, 3848507.25	71.6291	25.4541	1.2421683	0.4414159	1.6953542	0.6024597	1.7782202	0.6319069
2742	474344.83, 3848532.25	66.8918	24.3294	1.1600153	0.4219124	1.5832289	0.5758407	1.6606145	0.6039868
2743	474344.83, 3848557.25	63.7061	23.4666	1.1047697	0.4069494	1.5078279	0.5554186	1.581528	0.5825665
2744	474344.83, 3848582.25	62.3765	22.8368	1.0817121	0.3960283	1.4763581	0.5405131	1.5485199	0.5669324
2745	474344.83, 3848607.25	61.6767	22.368	1.0695771	0.3878983	1.4597958	0.529417	1.5311481	0.5552941
2746	474344.83, 3848632.25	61.6199	21.9561	1.0685914	0.3807558	1.4584505	0.5196687	1.529737	0.5450692
2747	474344.83, 3848657.25	60.839	21.6476	1.0550491	0.3754052	1.4399675	0.512366	1.5103507	0.5374096
2748	474344.83, 3848682.25	59.0538	21.3916	1.024091	0.3709652	1.3977147	0.5063062	1.4660326	0.5310536
2749	474344.83, 3848707.25	56.6106	21.1926	0.9817211	0.3675149	1.3398869	0.5015971	1.4053783	0.5261143
2750	474369.83, 3848307.25	204.154	63.6188	3.5403667	1.103255	4.8320148	1.5057605	5.0681955	1.5793595
2751	474369.83, 3848332.25	169.924	55.5458	2.9467586	0.9632569	4.021838	1.3146863	4.2184186	1.378946
2752	474369.83, 3848357.25	145.811	49.6143	2.5286122	0.860394	3.4511374	1.1742954	3.6198231	1.231693
2753	474369.83, 3848382.25	123.584	42.8296	2.143148	0.7427356	2.9250424	1.0137113	3.0680135	1.0632598
2754	474369.83, 3848407.25	108.908	36.8903	1.8886513	0.6397383	2.5776965	0.8731369	2.7036899	0.9158144
2755	474369.83, 3848432.25	98.8219	32.5872	1.7137363	0.5651161	2.3389665	0.77129	2.4532912	0.8089893
2756	474369.83, 3848457.25	90.5799	29.8635	1.5708061	0.5178822	2.1438905	0.7068236	2.2486802	0.7413719
2757	474369.83, 3848482.25	82.2037	28.1223	1.4255482	0.4876876	1.9456375	0.6656129	2.0407369	0.698147
2758	474369.83, 3848507.25	75.3039	26.6337	1.3058952	0.461872	1.782331	0.6303788	1.8694483	0.6611907
2759	474369.83, 3848532.25	70.7055	25.277	1.2261505	0.4383444	1.6734925	0.5982675	1.75529	0.6275098
2760	474369.83, 3848557.25	65.21	24.2277	1.1308494	0.4201491	1.5434223	0.5734341	1.6188621	0.6014626
2761	474369.83, 3848582.25	64.2167	23.4662	1.1136251	0.4069421	1.519914	0.5554086	1.5942048	0.582556
2762	474369.83, 3848607.25	63.1198	22.9378	1.0946027	0.3977793	1.4939516	0.5429029	1.5669734	0.5694391
2763	474369.83, 3848632.25	62.7889	22.4994	1.0888635	0.3901772	1.4861185	0.5325273	1.5587574	0.5585564
2764	474369.83, 3848657.25	62.5724	22.1413	1.0851102	0.3839673	1.4809959	0.5240519	1.5533845	0.5496666
2765	474369.83, 3848682.25	60.6503	21.8468	1.0517766	0.378859	1.435501	0.5170798	1.5056659	0.5423538
2766	474369.83, 3848707.25	59.0175	21.695	1.0234611	0.3762279	1.3968551	0.5134889	1.465131	0.5385873
2767	474369.83, 3848732.25	55.9118	21.6387	0.9696033	0.3752505	1.3233481	0.5121549	1.3880311	0.5371882
2768	474394.83, 3848332.25	198.951	62.1199	3.4501347	1.0772631	4.7088631	1.4702859	4.9390243	1.542151
2769	474394.83, 3848357.25	164.266	53.9511	2.8486396	0.9356018	3.8879218	1.2769417	4.0779568	1.3393564
2770	474394.83, 3848382.25	136.042	45.4655	2.3592022	0.7884472	3.2199207	1.0761	3.377305	1.128698
2771	474394.83, 3848407.25	122.154	42.3257	2.1183492	0.7339975	2.8911962	1.0017852	3.032513	1.0507507
2772	474394.83, 3848432.25	113.177	38.2955	1.9626715	0.6641075	2.678722	0.9063969	2.8096533	0.9507
2773	474394.83, 3848457.25	99.9895	32.7441	1.7339848	0.5678379	2.3666024	0.7750047	2.4822779	0.8128856
2774	474394.83, 3848482.25	89.8103	29.9075	1.5574597	0.5186456	2.1256748	0.7078655	2.2295741	0.7424647
2775	474394.83, 3848507.25	80.3476	28.014	1.3933614	0.4858088	1.9017078	0.6630487	1.99466	0.6954574
2776	474394.83, 3848532.25	74.7675	26.4219	1.2965925	0.4581999	1.7696342	0.625367	1.8561309	0.6559339
2777	474394.83, 3848557.25	69.4662	25.1525	1.2046588	0.436186	1.6441599	0.5953218	1.7245237	0.6244201
2778	474394.83, 3848582.25	66.0372	24.2098	1.1451942	0.4198384	1.5630006	0.5730099	1.6393974	0.6010177
2779	474394.83, 3848607.25	64.6631	23.5864	1.1213655	0.4090279	1.5304785	0.5582555	1.6052856	0.585542
2780	474394.83, 3848632.25	64.1004	23.0935	1.1116083	0.4004804	1.5171614	0.5465895	1.5913176	0.5733059
2781	474394.83, 3848657.25	64.1031	22.6657	1.1116551	0.3930608	1.5172253	0.5364629	1.5913847	0.5626843
2782	474394.83, 3848682.25	62.7734	22.3471	1.0885952	0.3875359	1.4857523	0.5289224	1.5583734	0.5547752
2783	474394.83, 3848707.25	60.861	22.0943	1.0554301	0.3831521	1.4404875	0.5229392	1.5108961	0.5484996
2784	474394.83, 3848732.25	57.5769	21.8941	0.9984797	0.3796792	1.3627597	0.5181994	1.429369	0.5435281
2785	474394.83, 3848757.25	57.0982	21.905	0.9901772	0.3798686	1.3514281	0.5184578	1.4174836	0.5437992
2786	474419.83, 3848357.25	196.475	63.0733	3.4071952	1.0937958	4.6502578	1.4928503	4.8775544	1.5658183
2787	474419.83, 3848382.25	160.995	53.4535	2.7919164	0.9269719	3.810504	1.2651633	3.996755	1.3270023
2788	474419.83, 3848407.25	134.157	45.1857	2.3265	0.7835959	3.1752876	1.0694788	3.3304903	1.1217531
2789	474419.83, 3848432.25	115.398	39.47	2.0011933	0.6844756	2.7312978	0.934196	2.8647989	0.9798579
2790	474419.83, 3848457.25	105.632	35.1175	1.831837	0.6089955	2.5001545	0.8311781	2.6223578	0.8718047
2791	474419.83, 3848482.25	96.4965	31.514	1.6734098	0.5465057	2.2839276	0.7458899	2.3955621	0.7823477
2792	474419.83, 3848507.25	87.296	29.4688	1.5138573	0.5110385	2.0661648	0.6974831	2.1671554	0.7315748
2793	474419.83, 3848532.25	78.5062	27.6429	1.3614281	0.4793732	1.8581241	0.6542651	1.9489461	0.6862444
2794	474419.83, 3848557.25	73.5112	26.1597	1.2748072	0.4536531	1.7399009	0.6191614	1.8249443	0.6494249
2795	474419.83, 3848582.25	67.7346	25.0501	1.174631	0.4344109	1.603177	0.592899	1.6815375	0.6218789

2796	474419.83, 3848607.25	66.8285	24.2891	1.1589167	0.4212125	1.5817295	0.5748854	1.6590418	0.6029848
2797	474419.83, 3848632.25	65.6941	23.6959	1.1392448	0.4109255	1.5548807	0.5608453	1.6308806	0.5882584
2798	474419.83, 3848657.25	65.6086	23.2715	1.1377617	0.4035669	1.5528566	0.550802	1.6287575	0.5777243
2799	474419.83, 3848682.25	65.0536	22.9341	1.1281383	0.3977148	1.5397222	0.5428148	1.6149812	0.5693467
2800	474419.83, 3848707.25	62.9349	22.6271	1.0913962	0.3923922	1.4895753	0.5355505	1.5623832	0.5617273
2801	474419.83, 3848732.25	60.1651	22.3831	1.0433629	0.3881605	1.4240178	0.5297749	1.4936213	0.5556694
2802	474419.83, 3848757.25	58.8735	22.5559	1.0209649	0.3911572	1.3934482	0.5338648	1.4615576	0.5599592
2803	474419.83, 3848782.25	57.7174	21.8956	1.0009149	0.3797053	1.3660832	0.5182349	1.432855	0.5435653
2804	474444.83, 3848382.25	182.286	57.6771	3.1611404	1.0002169	4.3144337	1.3651305	4.5253158	1.4318558
2805	474444.83, 3848407.25	154.574	50.8182	2.6805689	0.8812726	3.6585331	1.2027914	3.837356	1.2615818
2806	474444.83, 3848432.25	133.252	45.702	2.3108063	0.7925485	3.1538683	1.0816976	3.308024	1.1345692
2807	474444.83, 3848457.25	118.611	40.3493	2.0569178	0.6997231	2.8073525	0.9550063	2.9445711	1.0016854
2808	474444.83, 3848482.25	105.124	34.6207	1.8230285	0.6003802	2.4881323	0.8194196	2.609748	0.8594715
2809	474444.83, 3848507.25	95.1213	31.3097	1.6495621	0.5429618	2.2513794	0.741053	2.361423	0.7772744
2810	474444.83, 3848532.25	84.6684	29.0978	1.4682916	0.5046044	2.0039751	0.6887016	2.101926	0.7223641
2811	474444.83, 3848557.25	77.7603	27.3552	1.3484931	0.4743854	1.84047	0.6474575	1.9304291	0.6791042
2812	474444.83, 3848582.25	72.2046	26.0414	1.2521484	0.4516019	1.7089754	0.6163619	1.7925072	0.6464886
2813	474444.83, 3848607.25	68.7706	25.0765	1.1925963	0.4348682	1.6276966	0.5935232	1.7072556	0.6225336
2814	474444.83, 3848632.25	67.256	24.3884	1.1663301	0.4229354	1.5918476	0.5772369	1.6696544	0.6054512
2815	474444.83, 3848657.25	66.6556	23.8676	1.1559185	0.4139044	1.5776375	0.564911	1.6547497	0.5925229
2816	474444.83, 3848682.25	66.9272	23.5084	1.1606283	0.4076741	1.5840656	0.5564077	1.661492	0.5836039
2817	474444.83, 3848707.25	64.9998	23.2049	1.1272047	0.4024121	1.5384479	0.5492259	1.6136446	0.5760712
2818	474444.83, 3848732.25	62.5367	22.8725	1.0844897	0.3966472	1.480149	0.5413578	1.5524962	0.5678185
2819	474444.83, 3848757.25	58.8125	22.6377	1.0199069	0.3925761	1.3920042	0.5358014	1.460043	0.5619904
2820	474444.83, 3848782.25	59.5034	22.6896	1.0318885	0.3934759	1.408357	0.5370295	1.4771951	0.5632786
2821	474444.83, 3848807.25	59.214	22.1562	1.02687	0.3842248	1.4015076	0.5244033	1.4700109	0.5500353
2822	474469.83, 3848407.25	185.655	60.3235	3.2195714	1.0461093	4.3941823	1.4277662	4.6089625	1.4975529
2823	474469.83, 3848432.25	153.518	51.3611	2.6622504	0.8906862	3.6335313	1.2156393	3.8111322	1.2750577
2824	474469.83, 3848457.25	126.555	43.415	2.1946708	0.7528883	2.9953625	1.027568	3.1417707	1.0777938
2825	474469.83, 3848482.25	117.21	39.5237	2.0326077	0.6854071	2.7741733	0.9354672	2.9097701	0.9811913
2826	474469.83, 3848507.25	107.089	35.3034	1.857095	0.6122204	2.5346274	0.8355795	2.6585157	0.8764212
2827	474469.83, 3848532.25	94.8965	31.6159	1.6456639	0.5482718	2.2460589	0.7483003	2.3558425	0.7848759
2828	474469.83, 3848557.25	82.9485	28.9717	1.4384657	0.5024176	1.9632677	0.685717	2.0592288	0.7192336
2829	474469.83, 3848582.25	77.0901	27.2229	1.33687	0.4720911	1.8246065	0.6443262	1.9137901	0.6758198
2830	474469.83, 3848607.25	70.8936	26.0296	1.229413	0.4513959	1.6779453	0.6160807	1.7599604	0.6461937
2831	474469.83, 3848632.25	69.4857	25.1692	1.2049969	0.4364753	1.6446215	0.5957165	1.7250078	0.6248342
2832	474469.83, 3848657.25	68.5155	24.5554	1.1881733	0.4258322	1.6216599	0.5811905	1.7009239	0.6095981
2833	474469.83, 3848682.25	68.604	24.1334	1.1897078	0.418514	1.6237544	0.5712024	1.7031207	0.5991218
2834	474469.83, 3848707.25	67.5265	23.803	1.1710225	0.4127829	1.598252	0.5633804	1.6763719	0.5909175
2835	474469.83, 3848732.25	65.0906	23.4731	1.1287793	0.4070633	1.540597	0.5555741	1.6158987	0.5827296
2836	474469.83, 3848757.25	61.0836	23.1596	1.0592914	0.4016265	1.4457575	0.5481537	1.5164237	0.5749466
2837	474469.83, 3848782.25	60.3653	23.0605	1.0468339	0.3999066	1.428755	0.5458063	1.4985901	0.5724844
2838	474469.83, 3848807.25	60.6987	22.7493	1.0526159	0.39451	1.4366466	0.5384409	1.5068674	0.564759
2839	474494.83, 3848432.25	178.034	57.7147	3.0874125	1.0008693	4.2138073	1.366021	4.419771	1.4327897
2840	474494.83, 3848457.25	151.925	52.1599	2.6346327	0.9045387	3.5958378	1.2345457	3.7715963	1.2948882
2841	474494.83, 3848482.25	124.799	42.7583	2.1642287	0.7414994	2.9538141	1.012024	3.0981915	1.06149
2842	474494.83, 3848507.25	111.38	36.99	1.9315214	0.6414676	2.6362072	0.8754972	2.7650605	0.91829
2843	474494.83, 3848532.25	101.051	32.885	1.752386	0.5702803	2.391717	0.7783382	2.5086201	0.8163821
2844	474494.83, 3848557.25	90.6672	30.5831	1.5723206	0.530362	2.1459575	0.7238564	2.2508482	0.7592373
2845	474494.83, 3848582.25	82.411	28.6739	1.429143	0.4972533	1.9505437	0.6786685	2.045883	0.7118406
2846	474494.83, 3848607.25	75.9327	27.1468	1.3167993	0.4707708	1.7972132	0.6425243	1.885058	0.6739298
2847	474494.83, 3848632.25	71.9847	26.08	1.248335	0.4522704	1.7037707	0.6172743	1.7870481	0.6474456
2848	474494.83, 3848657.25	70.3574	25.3178	1.2201137	0.4390522	1.6652533	0.5992337	1.746648	0.6285232
2849	474494.83, 3848682.25	69.9134	24.7854	1.212414	0.4298202	1.6547445	0.5866335	1.7356256	0.6153072
2850	474494.83, 3848707.25	69.6511	24.4012	1.2078656	0.4231569	1.6485367	0.5775391	1.7291144	0.6057683
2851	474494.83, 3848732.25	67.336	24.0717	1.1677186	0.4174437	1.5937427	0.5697415	1.6716421	0.5975895

2852	474494.83, 3848757.25	64.1398	23.7636	1.11229	0.4121007	1.5180918	0.5624493	1.5922935	0.5899408
2853	474494.83, 3848782.25	61.5297	23.507	1.0670267	0.4076498	1.4563149	0.5563745	1.5274971	0.5835692
2854	474494.83, 3848807.25	62.0774	23.3524	1.0765256	0.4049691	1.4692793	0.5527158	1.5410952	0.5797317
2855	474494.83, 3848832.25	62.5795	23.3176	1.0852318	0.4043667	1.4811618	0.5518936	1.5535585	0.5788692
2856	474519.83, 3848432.25	206.039	63.0829	3.5730581	1.0939629	4.8766332	1.4930784	5.1149948	1.5660576
2857	474519.83, 3848457.25	168.378	54.5053	2.9199459	0.9452122	3.9852432	1.2900583	4.180035	1.3531142
2858	474519.83, 3848482.25	146.448	50.3334	2.539654	0.8728645	3.4662076	1.1913157	3.6356299	1.2495452
2859	474519.83, 3848507.25	127.785	43.967	2.2160069	0.7624613	3.0244828	1.0406335	3.1723144	1.0914979
2860	474519.83, 3848532.25	111.35	36.6859	1.9309991	0.6361938	2.6354943	0.8682993	2.7643128	0.9107403
2861	474519.83, 3848557.25	99.4003	32.5779	1.7237669	0.5649555	2.3526566	0.7710708	2.4676505	0.8087594
2862	474519.83, 3848582.25	88.2079	30.4079	1.5296712	0.5273232	2.0877481	0.719709	2.1897937	0.7548871
2863	474519.83, 3848607.25	81.5449	28.5244	1.4141242	0.4946597	1.9300456	0.6751286	2.0243829	0.7081278
2864	474519.83, 3848632.25	74.6755	27.1654	1.294997	0.4710937	1.7674567	0.642965	1.853847	0.6743921
2865	474519.83, 3848657.25	72.5951	26.1907	1.25892	0.4541894	1.7182175	0.6198934	1.802201	0.6501928
2866	474519.83, 3848682.25	71.5857	25.5255	1.2414148	0.4426539	1.6943258	0.6041494	1.7771416	0.6336792
2867	474519.83, 3848707.25	71.6366	25.0719	1.242298	0.4347885	1.6955312	0.5934143	1.7784059	0.6224194
2868	474519.83, 3848732.25	69.691	24.7048	1.2085575	0.4284218	1.6494811	0.5847249	1.7301049	0.6133052
2869	474519.83, 3848757.25	66.9476	24.3681	1.1609824	0.4225837	1.5845489	0.5767569	1.661999	0.6049478
2870	474519.83, 3848782.25	63.0067	24.1163	1.0926405	0.4182162	1.4912735	0.570796	1.5641644	0.5986955
2871	474519.83, 3848807.25	63.1811	23.9181	1.0956654	0.4147789	1.495402	0.5661046	1.5684947	0.5937749
2872	474519.83, 3848832.25	63.9	23.7807	1.1081318	0.4123971	1.5124166	0.5628538	1.5863409	0.5903651
2873	474519.83, 3848857.25	64.1353	23.6289	1.1122119	0.4097646	1.5179853	0.5592609	1.5921818	0.5865966
2874	474544.83, 3848457.25	203.368	63.6749	3.5267354	1.1042287	4.8134104	1.5070895	5.0486817	1.5807534
2875	474544.83, 3848482.25	167.042	54.8604	2.8967887	0.9513711	3.9536374	1.2984642	4.1468845	1.3619309
2876	474544.83, 3848507.25	135.174	45.8301	2.3441415	0.7947697	3.1993653	1.0847291	3.3557449	1.1377488
2877	474544.83, 3848532.25	119.971	40.2729	2.0804908	0.6983982	2.8395258	0.953198	2.978317	0.9997887
2878	474544.83, 3848557.25	108.479	35.2442	1.8811989	0.6111931	2.5675252	0.8341774	2.6930215	0.8749506
2879	474544.83, 3848582.25	96.7759	32.1621	1.6782551	0.5577436	2.2905406	0.7612278	2.4024983	0.7984353
2880	474544.83, 3848607.25	87.2137	30.3419	1.512431	0.5261794	2.0642181	0.7181478	2.1651135	0.7532496
2881	474544.83, 3848632.25	80.0433	28.4145	1.3880833	0.4927538	1.894504	0.6725275	1.9871042	0.7053995
2882	474544.83, 3848657.25	75.5278	27.1968	1.3097777	0.4716371	1.7876299	0.6437066	1.8750062	0.6751698
2883	474544.83, 3848682.25	73.8467	26.3757	1.2806253	0.457398	1.7478417	0.6242726	1.8332732	0.654786
2884	474544.83, 3848707.25	73.3836	25.8064	1.272593	0.447525	1.7368789	0.6107976	1.8217746	0.6406524
2885	474544.83, 3848732.25	72.4501	25.3998	1.2564056	0.4404739	1.7147858	0.601174	1.7986016	0.6305584
2886	474544.83, 3848757.25	69.9451	25.0854	1.2129637	0.4350227	1.6554948	0.5937341	1.7364125	0.6227548
2887	474544.83, 3848782.25	65.3974	24.7257	1.1340995	0.4287841	1.5478582	0.5852193	1.6235149	0.6138239
2888	474544.83, 3848807.25	64.0998	24.4503	1.1115968	0.4240092	1.5171458	0.5787024	1.5913013	0.6069884
2889	474544.83, 3848832.25	65.1766	24.2863	1.1302705	0.4211647	1.5426322	0.5748201	1.6180335	0.6029163
2890	474544.83, 3848857.25	65.3847	24.1426	1.1338793	0.4186728	1.5475576	0.5714192	1.6231996	0.5993492
2891	474544.83, 3848882.25	64.033	23.7065	1.1104379	0.4111098	1.515564	0.5610969	1.5896422	0.5885223
2892	474569.83, 3848482.25	193.409	60.4113	3.3540397	1.047633	4.5777093	1.4298457	4.8014599	1.4997341
2893	474569.83, 3848507.25	155.361	50.9006	2.6942097	0.8827009	3.6771505	1.2047407	3.8568834	1.2636264
2894	474569.83, 3848532.25	130.26	44.4566	2.2589308	0.7709521	3.0830668	1.0522221	3.2337619	1.1036529
2895	474569.83, 3848557.25	118.16	39.0295	2.0490838	0.6768368	2.7966605	0.9237703	2.9333565	0.9689226
2896	474569.83, 3848582.25	106.835	34.8123	1.8526895	0.6037035	2.5286147	0.8239555	2.6522091	0.864229
2897	474569.83, 3848607.25	94.313	32.2292	1.6355448	0.5589074	2.2322481	0.7628162	2.3413566	0.8001013
2898	474569.83, 3848632.25	87.3458	30.5533	1.514722	0.5298444	2.0673449	0.7231499	2.1683932	0.7584962
2899	474569.83, 3848657.25	78.7115	28.4016	1.3649878	0.4925301	1.8629826	0.6722221	1.954042	0.7050792
2900	474569.83, 3848682.25	76.0364	27.3317	1.3185977	0.4739768	1.7996677	0.6468999	1.8876324	0.6785193
2901	474569.83, 3848707.25	74.9669	26.6213	1.3000513	0.4616568	1.7743549	0.6300851	1.8610824	0.6608826
2902	474569.83, 3848732.25	74.8898	26.1351	1.2987135	0.4532265	1.7725291	0.6185791	1.8591673	0.6488142
2903	474569.83, 3848757.25	72.395	25.7669	1.2554497	0.4468413	1.7134812	0.6098644	1.7972332	0.6396735
2904	474569.83, 3848782.25	69.0342	25.458	1.1971677	0.4414837	1.6339358	0.6025522	1.7137998	0.632004
2905	474569.83, 3848807.25	66.0017	25.1207	1.1445791	0.4356347	1.5621611	0.5945693	1.6385169	0.6236309
2906	474569.83, 3848832.25	66.2324	24.7894	1.1485805	0.4298896	1.5676224	0.5867282	1.6442451	0.6154065
2907	474569.83, 3848857.25	66.023	24.5231	1.144949	0.4252713	1.562666	0.580425	1.6390464	0.6087952

2908	474569.83, 3848882.25	66.0687	24.3513	1.1457419	0.4222914	1.5637481	0.5763578	1.6401814	0.6045292
2909	474569.83, 3848907.25	62.3057	23.7529	1.0804836	0.4119148	1.4746814	0.5621956	1.5467613	0.5896747
2910	474594.83, 3848507.25	186.594	59.2757	3.2358429	1.0279387	4.4163902	1.4029663	4.6322559	1.4715409
2911	474594.83, 3848532.25	151.763	50.562	2.631827	0.8768285	3.5920085	1.1967258	3.7675798	1.2552198
2912	474594.83, 3848557.25	127.81	43.1222	2.2164366	0.747811	3.0250693	1.0206383	3.1729295	1.0705254
2913	474594.83, 3848582.25	115.381	37.5852	2.0009009	0.651789	2.7308987	0.8895842	2.8643804	0.9330655
2914	474594.83, 3848607.25	103.889	34.2174	1.8016135	0.5933873	2.4589043	0.8098755	2.5790914	0.8494609
2915	474594.83, 3848632.25	92.5665	32.2635	1.6052576	0.5595029	2.1909111	0.7636289	2.2979991	0.8009538
2916	474594.83, 3848657.25	85.1074	30.216	1.4759035	0.5239955	2.0143642	0.7151672	2.1128229	0.7501234
2917	474594.83, 3848682.25	79.7426	28.4807	1.3828686	0.4939022	1.8873869	0.6740948	1.9796392	0.7070434
2918	474594.83, 3848707.25	77.7528	27.5658	1.3483625	0.4780368	1.8402918	0.6524412	1.9302421	0.6843314
2919	474594.83, 3848732.25	77.1059	26.9448	1.3371453	0.4672668	1.8249821	0.6377419	1.9141841	0.6689136
2920	474594.83, 3848757.25	75.0516	26.4719	1.3015189	0.4590668	1.776358	0.6265502	1.8631833	0.6571749
2921	474594.83, 3848782.25	72.2265	26.16	1.2525282	0.453657	1.7094938	0.6191668	1.7930509	0.6494306
2922	474594.83, 3848807.25	68.0248	25.8913	1.1796623	0.4489982	1.6100439	0.6128083	1.6887401	0.6427613
2923	474594.83, 3848832.25	67.9171	25.5392	1.1777957	0.4428929	1.6074962	0.6044755	1.6860679	0.6340213
2924	474594.83, 3848857.25	67.4679	25.1174	1.1700053	0.4355772	1.5968636	0.5944908	1.6749156	0.6235484
2925	474594.83, 3848882.25	67.4226	24.8234	1.1692197	0.4304796	1.5957915	0.5875334	1.673791	0.616251
2926	474594.83, 3848907.25	65.7254	24.7625	1.1397872	0.4294233	1.555621	0.5860917	1.6316571	0.6147389
2927	474619.83, 3848532.25	173.529	55.5194	3.0092817	0.9627984	4.1071717	1.3140605	4.3079232	1.3782896
2928	474619.83, 3848557.25	143.114	47.5403	2.4818412	0.824427	3.3873027	1.1252065	3.5528683	1.1802047
2929	474619.83, 3848582.25	125.694	41.7079	2.1797456	0.7232851	2.9749922	0.9871645	3.1204048	1.0354154
2930	474619.83, 3848607.25	114.477	37.0803	1.9852263	0.6430348	2.7095055	0.8776361	2.8419415	0.9205334
2931	474619.83, 3848632.25	101.132	34.2188	1.7538013	0.5934104	2.3936486	0.809907	2.5106461	0.8494939
2932	474619.83, 3848657.25	92.7289	32.4751	1.6080727	0.5631724	2.1947532	0.7686372	2.302029	0.8062069
2933	474619.83, 3848682.25	84.5442	30.4933	1.4661365	0.5288042	2.0010338	0.7217303	2.098841	0.7570072
2934	474619.83, 3848707.25	81.4513	28.7728	1.4125007	0.4989673	1.9278298	0.6810079	2.0220588	0.7142944
2935	474619.83, 3848732.25	79.5451	27.9111	1.3794437	0.4840242	1.8827124	0.660613	1.9747362	0.6929026
2936	474619.83, 3848757.25	79.5155	27.5302	1.3789302	0.4774191	1.8820116	0.6515981	1.9740011	0.6834471
2937	474619.83, 3848782.25	77.0213	27.2744	1.3356768	0.4729829	1.8229778	0.6455435	1.9120819	0.6770965
2938	474619.83, 3848807.25	72.4479	27.0538	1.2563662	0.4691584	1.7147321	0.6403236	1.7985452	0.6716216
2939	474619.83, 3848832.25	71.1845	26.8212	1.2344569	0.4651235	1.6848295	0.6348167	1.7671811	0.6658454
2940	474619.83, 3848857.25	71.5345	26.476	1.2405277	0.4591374	1.6931151	0.6266465	1.7758717	0.657276
2941	474619.83, 3848882.25	70.4441	25.8872	1.2216174	0.4489266	1.6673056	0.6127105	1.7488007	0.6426588
2942	474619.83, 3848907.25	68.5841	25.593	1.1893622	0.4438259	1.6232827	0.6057489	1.7026259	0.6353569
2943	474619.83, 3848932.25	64.6628	25.1679	1.1213596	0.4364529	1.5304704	0.595686	1.6052772	0.6248021
2944	474644.83, 3848557.25	168.511	53.9899	2.9222567	0.9362752	3.988397	1.2778608	4.183343	1.3403204
2945	474644.83, 3848582.25	141.182	47.2145	2.4483231	0.8187783	3.341556	1.1174969	3.5048856	1.1721183
2946	474644.83, 3848607.25	128.748	42.1596	2.2326963	0.7311169	3.0472611	0.9978536	3.1962061	1.046627
2947	474644.83, 3848632.25	114.213	37.2959	1.9806439	0.6467721	2.7032513	0.8827369	2.8353816	0.9258836
2948	474644.83, 3848657.25	99.9584	34.9006	1.7334453	0.605235	2.365866	0.8260456	2.4815055	0.8664213
2949	474644.83, 3848682.25	93.9572	33.2096	1.629374	0.5759097	2.2238259	0.7860215	2.3325227	0.8244409
2950	474644.83, 3848707.25	88.4929	31.3274	1.5346136	0.5432699	2.0944936	0.7414736	2.1968689	0.7777155
2951	474644.83, 3848732.25	85.8664	29.7066	1.4890667	0.5151613	2.0323297	0.70311	2.1316666	0.7374768
2952	474644.83, 3848757.25	86.2382	29.2745	1.4955142	0.5076692	2.0411295	0.6928845	2.1408964	0.7267515
2953	474644.83, 3848782.25	83.4904	28.9685	1.4478629	0.5023611	1.9760934	0.6856398	2.0726815	0.7191527
2954	474644.83, 3848807.25	78.8359	28.4829	1.367145	0.49394	1.8659267	0.6741464	1.95713	0.7070975
2955	474644.83, 3848832.25	74.333	27.9234	1.2890579	0.4842375	1.7593507	0.6609041	1.8453448	0.693208
2956	474644.83, 3848857.25	74.1901	27.4575	1.2865792	0.4761582	1.7559678	0.6498772	1.8417965	0.6816421
2957	474644.83, 3848882.25	74.1732	27.2688	1.2862874	0.4728855	1.7555695	0.6454105	1.8413787	0.676957
2958	474644.83, 3848907.25	72.0858	26.6913	1.250088	0.4628714	1.7061634	0.6317428	1.7895577	0.6626214
2959	474644.83, 3848932.25	70.6542	27.8175	1.2252605	0.4824019	1.6722779	0.6583988	1.754016	0.6905802
2960	474644.83, 3848957.25	75.0143	28.2896	1.3008726	0.4905884	1.7754759	0.669572	1.8622581	0.7022995
2961	474669.83, 3848582.25	165.366	53.1982	2.8677132	0.9225451	3.9139541	1.2591215	4.1052615	1.3206652
2962	474669.83, 3848607.25	139.491	46.7186	2.4190035	0.8101777	3.3015397	1.1057586	3.4629133	1.1598061
2963	474669.83, 3848632.25	125.611	40.4862	2.178302	0.7020979	2.9730218	0.9582475	3.118338	1.005085

2964	474669.83, 3848657.25	111.675	37.2732	1.9366252	0.6463793	2.6431731	0.8822008	2.7723669	0.9253213
2965	474669.83, 3848682.25	102.082	35.6969	1.7702729	0.6190436	2.4161297	0.8448921	2.534226	0.886189
2966	474669.83, 3848707.25	94.6093	34.001	1.6406821	0.5896342	2.2392597	0.8047532	2.3487109	0.8440882
2967	474669.83, 3848732.25	91.2213	32.0716	1.5819294	0.5561749	2.159072	0.7590867	2.2646037	0.7961896
2968	474669.83, 3848757.25	90.5248	30.7189	1.5698497	0.5327175	2.1425852	0.7270713	2.2473111	0.7626093
2969	474669.83, 3848782.25	89.0326	30.3061	1.5439736	0.5255575	2.1072685	0.717299	2.2102682	0.7523594
2970	474669.83, 3848807.25	83.922	29.6247	1.4553466	0.5137419	1.9863073	0.7011727	2.0833946	0.7354449
2971	474669.83, 3848832.25	77.6872	29.0992	1.3472251	0.5046277	1.8387394	0.6887333	1.9286138	0.7223974
2972	474669.83, 3848857.25	77.5908	28.7633	1.3455541	0.4988042	1.8364587	0.6807852	1.9262217	0.7140608
2973	474669.83, 3848882.25	76.7926	28.3436	1.3317111	0.4915252	1.8175653	0.6708505	1.9064048	0.7036406
2974	474669.83, 3848907.25	76.469	28.1813	1.3261004	0.4887103	1.8099076	0.6670087	1.8983728	0.6996109
2975	474669.83, 3848932.25	82.7256	31.6717	1.4345988	0.5492398	1.9579901	0.7496214	2.0536933	0.7862617
2976	474669.83, 3848957.25	81.31	30.3109	1.4100498	0.5256407	1.9244847	0.7174126	2.0185502	0.7524786
2977	474669.83, 3848982.25	85.1164	29.1073	1.4760601	0.5047687	2.0145779	0.6889257	2.113047	0.7225992
2978	474694.83, 3848582.25	197.487	62.3658	3.4247585	1.081526	4.6742287	1.4761041	4.9026971	1.5482536
2979	474694.83, 3848607.25	161.062	52.3227	2.7930766	0.9073625	3.8120875	1.2383997	3.9984158	1.2989305
2980	474694.83, 3848632.25	137.565	45.1846	2.3856063	0.7835753	3.2559579	1.0694506	3.4151036	1.1217235
2981	474694.83, 3848657.25	125.298	40.4955	2.1728796	0.7022585	2.9656211	0.9584666	3.1105756	1.0053148
2982	474694.83, 3848682.25	110.748	38.0413	1.9205584	0.6596998	2.6212444	0.900381	2.7493664	0.9443901
2983	474694.83, 3848707.25	102.294	36.0265	1.7739544	0.6247593	2.4211542	0.852693	2.5394961	0.8943712
2984	474694.83, 3848732.25	96.812	34.3705	1.6788803	0.596042	2.2913938	0.8134987	2.4033932	0.8532611
2985	474694.83, 3848757.25	94.8375	32.7737	1.6446398	0.5683496	2.2446613	0.7757032	2.3543765	0.8136182
2986	474694.83, 3848782.25	93.7265	31.5228	1.6253731	0.5466578	2.2183654	0.7460974	2.3267953	0.7825654
2987	474694.83, 3848807.25	88.9582	30.8636	1.5426833	0.5352253	2.1055075	0.730494	2.2084212	0.7661993
2988	474694.83, 3848832.25	82.1222	30.2782	1.4241359	0.5250738	1.9437099	0.7166389	2.0387151	0.751667
2989	474694.83, 3848857.25	80.1734	29.8636	1.3903408	0.5178845	1.8975852	0.7068267	1.9903359	0.7413752
2990	474694.83, 3848882.25	80.7577	29.8112	1.4004727	0.5169753	1.9114135	0.7055857	2.0048402	0.7400736
2991	474694.83, 3848907.25	85.2536	31.6169	1.4784384	0.5482896	2.0178238	0.7483247	2.1164516	0.7849015
2992	474694.83, 3848932.25	95.3208	32.5443	1.6530212	0.5643714	2.2561005	0.7702736	2.3663749	0.8079233
2993	474694.83, 3848957.25	75.079	23.7406	1.3019948	0.4117017	1.7770074	0.5619047	1.8638645	0.5893696
2994	474694.83, 3848982.25	61.3238	18.8685	1.0634567	0.3272103	1.4514425	0.4465879	1.5223865	0.4684164
2995	474694.83, 3849007.25	62.5001	18.2088	1.0838548	0.3157702	1.4792825	0.4309741	1.5515874	0.4520393
2996	474719.83, 3848607.25	191.558	61.3889	3.321941	1.0645856	4.5338998	1.4529833	4.7555092	1.5240026
2997	474719.83, 3848632.25	156.898	51.3186	2.7208805	0.889949	3.7135517	1.2146332	3.8950638	1.2740024
2998	474719.83, 3848657.25	138.281	44.5603	2.3980142	0.7727497	3.2728927	1.0546755	3.4328661	1.1062263
2999	474719.83, 3848682.25	124.34	40.9234	2.1562543	0.7096795	2.9429304	0.9685951	3.0867758	1.0159384
3000	474719.83, 3848707.25	110.715	38.6337	1.9199821	0.6699733	2.6204579	0.9144027	2.7485415	0.9590972
3001	474719.83, 3848732.25	101.914	36.5236	1.76736	0.63338	2.4121541	0.8644589	2.530056	0.9067122
3002	474719.83, 3848757.25	100.184	35.1648	1.7373609	0.6098168	2.3712101	0.8322991	2.4871109	0.8729804
3003	474719.83, 3848782.25	98.6469	33.0548	1.710701	0.5732256	2.3348239	0.7823581	2.4489461	0.8205984
3004	474719.83, 3848807.25	94.7435	32.3106	1.6430095	0.560319	2.2424362	0.7647428	2.3520427	0.8021221
3005	474719.83, 3848832.25	89.0524	31.8441	1.5443168	0.5522295	2.1077369	0.7537019	2.2107595	0.7905416
3006	474719.83, 3848857.25	85.1943	31.8754	1.4774105	0.5527726	2.016421	0.7544432	2.1149802	0.7913191
3007	474719.83, 3848882.25	88.8411	32.9849	1.5406523	0.5720122	2.1027355	0.780702	2.2055136	0.8188614
3008	474719.83, 3848907.25	94.7433	34.7405	1.6430063	0.6024579	2.2424317	0.8222553	2.352038	0.8624458
3009	474719.83, 3848932.25	94.8202	31.6507	1.6443398	0.548876	2.2442518	0.7491249	2.353947	0.7857408
3010	474719.83, 3848957.25	61.9041	17.9286	1.0735197	0.3109121	1.4651768	0.4243436	1.5367922	0.4450848
3011	474719.83, 3848982.25	40.5822	10.9178	0.7037625	0.1893332	0.9605194	0.2584084	1.0074679	0.271039
3012	474719.83, 3849007.25	38.6821	10.2197	0.6708121	0.1772271	0.9155476	0.2418857	0.960298	0.2537087
3013	474744.83, 3848632.25	188.788	60.9964	3.2738961	1.0577797	4.4683265	1.4436943	4.6867307	1.5142597
3014	474744.83, 3848657.25	154.29	50.7096	2.6756401	0.879388	3.651806	1.2002191	3.8303001	1.2588837
3015	474744.83, 3848682.25	139.658	45.0792	2.4219043	0.781748	3.3054987	1.0669567	3.4670658	1.1191077
3016	474744.83, 3848707.25	124.412	42.3401	2.1575065	0.7342485	2.9446395	1.0021277	3.0885684	1.05111
3017	474744.83, 3848732.25	113.51	40.0783	1.9684498	0.6950244	2.6866083	0.9485933	2.8179252	0.9949589
3018	474744.83, 3848757.25	107.429	38.2526	1.8630012	0.6633642	2.5426884	0.9053824	2.6669707	0.949636
3019	474744.83, 3848782.25	104.584	36.0199	1.8136539	0.6246446	2.4753376	0.8525366	2.5963279	0.8942071

3020	474744.83, 3848807.25	102.433	34.3176	1.7763623	0.5951234	2.4244406	0.812245	2.5429431	0.8519461
3021	474744.83, 3848832.25	96.7982	33.7889	1.6786411	0.585955	2.2910674	0.7997317	2.4030509	0.8388212
3022	474744.83, 3848857.25	90.4042	33.7657	1.5677583	0.5855541	2.1397308	0.7991845	2.2443172	0.8382473
3023	474744.83, 3848882.25	95.0879	35.0276	1.6489822	0.6074369	2.2505879	0.8290508	2.3605928	0.8695734
3024	474744.83, 3848907.25	99.0909	36.4689	1.7184016	0.6324321	2.3453338	0.8631652	2.4599698	0.9053552
3025	474744.83, 3848932.25	98.4852	35.1522	1.7078979	0.6095968	2.3309981	0.8319987	2.4449333	0.8726654
3026	474744.83, 3848957.25	82.3312	25.71	1.42776	0.4458545	1.9486562	0.6085177	2.0439031	0.638261
3027	474744.83, 3848982.25	44.8657	12.0611	0.7780455	0.209159	1.0619034	0.2854675	1.1138075	0.2994206
3028	474744.83, 3849007.25	33.6123	8.92554	0.5828927	0.1547837	0.7955521	0.2112542	0.8344373	0.2215799
3029	474744.83, 3849032.25	48.8371	13.3839	0.8469164	0.2320993	1.1559007	0.3167771	1.2123992	0.3322606
3030	474769.83, 3848657.25	186.941	60.5947	3.2418748	1.0508134	4.4246229	1.4341865	4.6408909	1.5042871
3031	474769.83, 3848682.25	158.643	51.817	2.7511361	0.8985921	3.7548457	1.2264296	3.9383761	1.2863754
3032	474769.83, 3848707.25	144.342	47.9248	2.5031319	0.8310952	3.416361	1.1343075	3.5833469	1.1897505
3033	474769.83, 3848732.25	125.55	44.373	2.1772373	0.769502	2.9715688	1.0502429	3.116814	1.101577
3034	474769.83, 3848757.25	112.867	40.7141	1.9573036	0.7060502	2.6713956	0.9636417	2.8019689	1.0107429
3035	474769.83, 3848782.25	110.178	38.4955	1.910676	0.6675767	2.6077567	0.9111318	2.7352194	0.9556663
3036	474769.83, 3848807.25	108.419	35.9859	1.8801608	0.6240554	2.5661084	0.8517323	2.6915354	0.8933636
3037	474769.83, 3848832.25	102.582	35.1725	1.7789338	0.6099497	2.4279504	0.8324804	2.5466245	0.8731706
3038	474769.83, 3848857.25	94.8405	34.8049	1.6446922	0.6035756	2.2447328	0.8237808	2.3544515	0.8640458
3039	474769.83, 3848882.25	98.1748	36.2543	1.7025135	0.62871	2.3236492	0.8580852	2.4372253	0.9000269
3040	474769.83, 3848907.25	103.068	38.1176	1.7873777	0.6610221	2.4394748	0.9021858	2.5587122	0.9462831
3041	474769.83, 3848932.25	101.971	36.5663	1.7683403	0.6341212	2.413492	0.8654705	2.5314594	0.9077732
3042	474769.83, 3848957.25	90.3338	28.7638	1.5665378	0.4988116	2.138065	0.6807953	2.24257	0.7140715
3043	474769.83, 3848982.25	50.4364	14.2736	0.8746502	0.2475287	1.1937528	0.3378357	1.2521014	0.3543485
3044	474769.83, 3849007.25	33.7363	9.02892	0.5850429	0.1565765	0.7984867	0.213701	0.8375154	0.2241464
3045	474769.83, 3849032.25	54.2984	15.1331	0.9416248	0.2624323	1.285162	0.3581766	1.3479785	0.3756837
3046	474769.83, 3849057.25	74.1934	26.8704	1.2866366	0.4659781	1.7560461	0.6359831	1.8418787	0.6670688
3047	474794.83, 3848682.25	190.22	62.1688	3.2987291	1.0781101	4.5022196	1.4714419	4.7222804	1.5433635
3048	474794.83, 3848707.25	163.781	53.6726	2.8402348	0.9307713	3.8764506	1.2703488	4.065925	1.3324413
3049	474794.83, 3848732.25	141.922	47.8397	2.4611714	0.8296203	3.3590918	1.1322945	3.5232784	1.1876391
3050	474794.83, 3848757.25	125.112	44.1469	2.1696422	0.7655805	2.9612027	1.0448907	3.1059412	1.0959632
3051	474794.83, 3848782.25	117.104	41.5652	2.0307799	0.720809	2.7716786	0.9837851	2.9071535	1.0318708
3052	474794.83, 3848807.25	115.217	39.2216	1.9980458	0.6801685	2.7270019	0.9283175	2.8602931	0.973692
3053	474794.83, 3848832.25	111.003	37.2987	1.9249735	0.6468213	2.6272704	0.8828041	2.7556869	0.9259541
3054	474794.83, 3848857.25	103.109	36.693	1.7880838	0.6363177	2.4404386	0.8684683	2.5597231	0.9109176
3055	474794.83, 3848882.25	99.8304	37.1823	1.7312259	0.6448031	2.3628369	0.8800496	2.4783284	0.9230649
3056	474794.83, 3848907.25	107.392	39.6111	1.8623622	0.6869227	2.5418163	0.9375359	2.6660559	0.983361
3057	474794.83, 3848932.25	106.094	38.2814	1.8398459	0.6638638	2.5110853	0.9060643	2.6338229	0.9503512
3058	474794.83, 3848957.25	97.3779	31.5686	1.6886949	0.5474513	2.3047892	0.7471805	2.4174434	0.7837014
3059	474794.83, 3848982.25	66.7065	20.14	1.1568015	0.3492602	1.5788427	0.4766824	1.6560138	0.4999819
3060	474794.83, 3849007.25	50.4253	14.0435	0.8744584	0.2435373	1.1934911	0.3323881	1.2518269	0.3486347
3061	474794.83, 3849032.25	66.0579	19.4554	1.1455544	0.3373887	1.5634922	0.4604797	1.6399131	0.4829872
3062	474794.83, 3849057.25	76.8134	27.7647	1.3320718	0.4814863	1.8180576	0.6571491	1.9069212	0.6892694
3063	474794.83, 3849082.25	73.2684	29.5035	1.2705959	0.5116396	1.7341533	0.6983034	1.8189157	0.7324353
3064	474819.83, 3848707.25	187.711	61.8969	3.2552134	1.0733943	4.4428277	1.4650057	4.6599856	1.5366127
3065	474819.83, 3848732.25	160.467	52.2061	2.7827623	0.9053399	3.7980102	1.2356392	3.9836504	1.2960352
3066	474819.83, 3848757.25	139.003	48.3787	2.4105467	0.838967	3.2899975	1.1450511	3.450807	1.2010193
3067	474819.83, 3848782.25	125.802	45.5141	2.1816076	0.7892904	2.9775335	1.0772508	3.1230703	1.129905
3068	474819.83, 3848807.25	123.789	43.0341	2.146707	0.7462834	2.9298999	1.0185534	3.0731084	1.0683385
3069	474819.83, 3848832.25	119.926	39.7053	2.0797172	0.688556	2.8384699	0.939765	2.9772095	0.9856991
3070	474819.83, 3848857.25	111.827	38.7714	1.9392652	0.6723597	2.6467761	0.9176598	2.776146	0.9625134
3071	474819.83, 3848882.25	104.107	38.6584	1.8053828	0.6704013	2.4640489	0.9149869	2.5844874	0.9597099
3072	474819.83, 3848907.25	109.909	40.4118	1.9059995	0.7008082	2.601374	0.9564872	2.7285248	1.0032387
3073	474819.83, 3848932.25	110.702	40.4605	1.9197615	0.7016517	2.6201569	0.9576385	2.7482257	1.0044462
3074	474819.83, 3848957.25	107.431	35.9197	1.8630312	0.622907	2.5427294	0.850165	2.6670137	0.8917196
3075	474819.83, 3848982.25	84.8036	26.9752	1.470636	0.4677952	2.0071749	0.638463	2.1052822	0.66967

3076	474819.83, 3849007.25	73.7483	23.0403	1.2789184	0.3995576	1.745512	0.5453301	1.8308297	0.5719849
3077	474819.83, 3849032.25	89.2195	30.7563	1.5472142	0.5333654	2.1116914	0.7279555	2.2149073	0.7635368
3078	474819.83, 3849057.25	84.0302	31.2589	1.4572236	0.5420812	1.9888692	0.7398511	2.0860817	0.7760138
3079	474819.83, 3849082.25	74.707	30.4602	1.2955428	0.5282312	1.7682016	0.7209482	1.8546283	0.756187
3080	474819.83, 3849107.25	64.0174	26.6356	1.1101673	0.4619058	1.5151948	0.630425	1.5892549	0.6612391
3081	474844.83, 3848732.25	181.255	59.398	3.1432552	1.0300598	4.2900234	1.4058612	4.4997124	1.4745773
3082	474844.83, 3848757.25	160.594	53.2336	2.7849591	0.9231583	3.8010085	1.2599584	3.9867953	1.321543
3083	474844.83, 3848782.25	139.397	49.4109	2.4173715	0.8568667	3.2993122	1.1694813	3.460577	1.2266435
3084	474844.83, 3848807.25	131.835	46.635	2.286232	0.8087276	3.1203284	1.1037794	3.2728447	1.1577303
3085	474844.83, 3848832.25	127.404	43.0918	2.2093995	0.7472831	3.0154649	1.0199179	3.1628557	1.0697697
3086	474844.83, 3848857.25	119.977	40.8182	2.0805947	0.7078553	2.8396675	0.9661054	2.9784657	1.013327
3087	474844.83, 3848882.25	109.686	40.4293	1.9021452	0.7011111	2.5961135	0.9569007	2.7230071	1.0036724
3088	474844.83, 3848907.25	109.548	40.3842	1.899739	0.7003297	2.5928295	0.9558342	2.7195625	1.0025538
3089	474844.83, 3848932.25	113.019	41.8334	1.959935	0.7254609	2.6749871	0.9901341	2.8057359	1.0385302
3090	474844.83, 3848957.25	110.25	40.2494	1.9119264	0.6979909	2.6094632	0.952642	2.7370093	0.9992056
3091	474844.83, 3848982.25	102.178	34.8464	1.7719365	0.6042949	2.4184002	0.8247626	2.5366075	0.8650755
3092	474844.83, 3849007.25	91.6068	31.2374	1.5886145	0.541708	2.1681959	0.7393417	2.2741737	0.7754795
3093	474844.83, 3849032.25	95.9708	34.2884	1.664293	0.5946172	2.2714846	0.8115541	2.3825109	0.8512215
3094	474844.83, 3849057.25	85.0046	33.3928	1.4741203	0.579087	2.0119303	0.790358	2.1102701	0.8289894
3095	474844.83, 3849082.25	74.582	30.9393	1.2933766	0.5365382	1.7652451	0.7322859	1.8515273	0.7680788
3096	474844.83, 3849107.25	67.4131	28.2808	1.1690553	0.4904356	1.5955671	0.6693635	1.6735557	0.7020808
3097	474869.83, 3848757.25	183.623	59.4776	3.1843331	1.0314409	4.3460879	1.4077462	4.5585173	1.4765544
3098	474869.83, 3848782.25	157.503	53.7205	2.7313694	0.9316021	3.7278674	1.2714828	3.9100792	1.3336307
3099	474869.83, 3848807.25	138.516	50.2144	2.4021046	0.8708004	3.2784754	1.1884984	3.4387217	1.2465902
3100	474869.83, 3848832.25	134.907	47.032	2.3395134	0.8156129	3.1930487	1.1131767	3.3491195	1.1675869
3101	474869.83, 3848857.25	130.054	43.6083	2.2553532	0.7562406	3.078184	1.0321434	3.2286404	1.0825928
3102	474869.83, 3848882.25	119.578	42.6954	2.0736811	0.74041	2.8302316	1.0105371	2.9685685	1.0599304
3103	474869.83, 3848907.25	113.997	42.2131	1.9768917	0.7320447	2.6981301	0.9991199	2.8300102	1.0479552
3104	474869.83, 3848932.25	115.092	42.7138	1.9958869	0.7407277	2.7240554	1.0109707	2.8572026	1.0603852
3105	474869.83, 3848957.25	114.371	42.6885	1.9833915	0.7402903	2.7070013	1.0103738	2.839315	1.0597591
3106	474869.83, 3848982.25	105.027	40.6053	1.821349	0.7041641	2.48584	0.9610676	2.6073436	1.0080429
3107	474869.83, 3849007.25	103.499	37.7902	1.7948473	0.6553456	2.4496696	0.8944384	2.5694053	0.938157
3108	474869.83, 3849032.25	100.078	36.5396	1.7355266	0.6336581	2.3687067	0.8648385	2.4844851	0.9071104
3109	474869.83, 3849057.25	87.6987	34.7486	1.5208413	0.602598	2.0756968	0.8224466	2.1771534	0.8626464
3110	474869.83, 3849082.25	79.6051	32.6867	1.3804845	0.5668414	1.884133	0.7736447	1.9762262	0.8114592
3111	474869.83, 3849107.25	72.7005	30.6945	1.2607481	0.5322935	1.7207126	0.7264926	1.8048181	0.7620023
3112	474869.83, 3849132.25	63.9898	28.1682	1.1096896	0.4884836	1.5145427	0.6666993	1.588571	0.6992865
3113	474894.83, 3848757.25	221.49	73.5164	3.8409988	1.2748961	5.2423279	1.7400223	5.498564	1.8250717
3114	474894.83, 3848782.25	182.949	59.7615	3.1726426	1.0363636	4.3301323	1.4144649	4.5417818	1.4836016
3115	474894.83, 3848807.25	153.931	54.5617	2.6694125	0.9461899	3.6433064	1.2913927	3.821385	1.3545138
3116	474894.83, 3848832.25	144.388	51.2642	2.5039239	0.8890062	3.4174419	1.2133463	3.5844807	1.2726526
3117	474894.83, 3848857.25	139.808	47.2241	2.424504	0.8189444	3.3090468	1.1177237	3.4707874	1.1723561
3118	474894.83, 3848882.25	130.285	45.4685	2.2593605	0.7884991	3.0836534	1.0761708	3.2343771	1.1287722
3119	474894.83, 3848907.25	120.151	44.7936	2.0836139	0.7767957	2.8437882	1.0601976	2.9827878	1.1120183
3120	474894.83, 3848932.25	120.33	44.5111	2.0867257	0.771896	2.8480353	1.0535103	2.9872424	1.1050041
3121	474894.83, 3848957.25	117.908	43.897	2.0447257	0.7612463	2.7907123	1.0389753	2.9271176	1.0897586
3122	474894.83, 3848982.25	108.865	42.7318	1.8878962	0.741041	2.576666	1.0113984	2.702609	1.0608338
3123	474894.83, 3849007.25	107.904	40.7238	1.871235	0.7062176	2.5539262	0.9638701	2.6787578	1.0109825
3124	474894.83, 3849032.25	101.834	38.3852	1.7659697	0.6656639	2.4102565	0.9085211	2.5280658	0.9529281
3125	474894.83, 3849057.25	90.6169	36.1622	1.5714485	0.6271118	2.1447672	0.8559039	2.2495998	0.897739
3126	474894.83, 3849082.25	83.2754	34.1057	1.4441343	0.5914492	1.9710044	0.8072303	2.0673438	0.8466864
3127	474894.83, 3849107.25	76.8713	32.5967	1.333076	0.5652801	1.8194283	0.7715139	1.9083588	0.8092242
3128	474894.83, 3849132.25	69.03	30.8744	1.1970957	0.5354135	1.6338376	0.7307508	1.7136968	0.7664686
3129	474894.83, 3849157.25	58.1121	26.6787	1.0077598	0.462653	1.3754254	0.6314449	1.4426538	0.6623088
3130	474919.83, 3848782.25	210.975	70.4287	3.6586654	1.2213506	4.993473	1.6669416	5.2375455	1.7484188
3131	474919.83, 3848807.25	179.68	60.1983	3.1159523	1.0439388	4.2527595	1.4248038	4.4606271	1.4944458

3132	474919.83, 3848832.25	154.348	56.1477	2.6766445	0.9736945	3.6531769	1.3289319	3.831738	1.3938879
3133	474919.83, 3848857.25	148.583	51.9312	2.5766703	0.900573	3.5167287	1.2291332	3.6886204	1.2892112
3134	474919.83, 3848882.25	140.348	48.1948	2.4338596	0.8357787	3.3218158	1.1406997	3.4841805	1.1964551
3135	474919.83, 3848907.25	128.344	47.3436	2.2256912	0.8210175	3.0377002	1.120553	3.1861779	1.1753237
3136	474919.83, 3848932.25	125.862	46.5609	2.1826575	0.8074426	2.9789664	1.1020256	3.1245732	1.1558907
3137	474919.83, 3848957.25	122.463	45.5095	2.1237173	0.7892097	2.8985228	1.0771407	3.0401977	1.1297895
3138	474919.83, 3848982.25	114.193	44.1667	1.9802993	0.7659239	2.702781	1.0453594	2.8348883	1.0964548
3139	474919.83, 3849007.25	110.556	42.3785	1.9172321	0.734913	2.6167046	1.0030347	2.7446046	1.0520613
3140	474919.83, 3849032.25	104.719	39.6841	1.8159994	0.6881883	2.4785388	0.9392632	2.5996855	0.9851728
3141	474919.83, 3849057.25	92.8988	37.3221	1.6110201	0.6472271	2.1987759	0.883358	2.3062483	0.926535
3142	474919.83, 3849082.25	84.2743	34.9471	1.4614562	0.6060407	1.9946459	0.8271453	2.0921408	0.8675747
3143	474919.83, 3849107.25	77.7066	32.9937	1.347561	0.5721648	1.8391979	0.7809103	1.9290947	0.8190798
3144	474919.83, 3849132.25	71.218	31.9686	1.2350389	0.5543882	1.6856238	0.7566482	1.7680143	0.7936318
3145	474919.83, 3849157.25	61.5497	28.4367	1.0673742	0.4931395	1.4567892	0.6730538	1.5279946	0.7059516
3146	474919.83, 3849182.25	53.4513	25.6997	0.9269348	0.4456757	1.2651127	0.6082736	1.3269492	0.638005
3147	474944.83, 3848807.25	210.113	68.5408	3.6437055	1.1886108	4.9730552	1.6222571	5.2161296	1.7015503
3148	474944.83, 3848832.25	173.303	61.6337	3.0053706	1.06883	4.1018337	1.4587762	4.3023244	1.5300786
3149	474944.83, 3848857.25	160.405	57.139	2.7816824	0.9908851	3.7965363	1.3523943	3.9821045	1.418497
3150	474944.83, 3848882.25	151.796	51.4388	2.6323974	0.892034	3.592787	1.2174789	3.7683963	1.2769871
3151	474944.83, 3848907.25	138.516	50.0669	2.4021046	0.8682428	3.2784754	1.1850078	3.4387217	1.242929
3152	474944.83, 3848932.25	131.324	48.7616	2.2773679	0.8456073	3.1082305	1.154114	3.2601555	1.2105251
3153	474944.83, 3848957.25	127.187	47.3829	2.2056331	0.821698	3.0103243	1.1214818	3.1574638	1.1762979
3154	474944.83, 3848982.25	120.289	45.9351	2.086003	0.7965907	2.847049	1.0872145	2.986208	1.1403557
3155	474944.83, 3849007.25	113.77	44.1294	1.9729571	0.7652777	2.69276	1.0444775	2.8243775	1.0955298
3156	474944.83, 3849032.25	108.881	41.393	1.8881834	0.717824	2.5770579	0.979711	2.7030202	1.0275976
3157	474944.83, 3849057.25	97.296	38.8674	1.687275	0.6740255	2.3028513	0.9199334	2.4154107	0.9648981
3158	474944.83, 3849082.25	86.7737	36.2062	1.504801	0.6278749	2.0538044	0.8569453	2.1541909	0.8988314
3159	474944.83, 3849107.25	79.4219	33.7963	1.3773082	0.5860848	1.8797979	0.7999087	1.9716792	0.8390069
3160	474944.83, 3849132.25	72.7997	32.7731	1.2624681	0.5683396	1.7230601	0.7756895	1.8072803	0.8136038
3161	474944.83, 3849157.25	64.77	30.2913	1.1232202	0.5253008	1.5330098	0.7169487	1.6079407	0.751992
3162	474944.83, 3849182.25	55.4881	26.8091	0.9622563	0.4649135	1.3133207	0.63453	1.3775135	0.6655448
3163	474944.83, 3849207.25	49.0901	24.6	0.8513042	0.4266051	1.1618894	0.5822454	1.2186805	0.6107045
3164	474969.83, 3848832.25	208.187	68.7304	3.6103039	1.1918991	4.9274675	1.6267451	5.1683137	1.7062576
3165	474969.83, 3848857.25	171.792	62.6532	2.979163	1.0865102	4.0660647	1.4829067	4.264807	1.5553886
3166	474969.83, 3848882.25	162.608	56.9167	2.8198977	0.9870296	3.8486939	1.3471321	4.0368115	1.4129776
3167	474969.83, 3848907.25	150.047	52.6189	2.602068	0.9124991	3.5513924	1.2454103	3.7249784	1.3062838
3168	474969.83, 3848932.25	136.338	51.0662	2.3643204	0.8855722	3.2269062	1.2086595	3.3846319	1.2677367
3169	474969.83, 3848957.25	132.091	49.3904	2.2906752	0.8565124	3.1263927	1.1689977	3.2792055	1.2261363
3170	474969.83, 3848982.25	126.261	47.8395	2.1895822	0.8296162	2.9884175	1.1322888	3.1344862	1.1876332
3171	474969.83, 3849007.25	117.215	46.182	2.0326998	0.8008729	2.7742989	1.093059	2.9099019	1.1464858
3172	474969.83, 3849032.25	113.095	43.2555	1.9612494	0.7501227	2.6767809	1.0237934	2.8076174	1.0738346
3173	474969.83, 3849057.25	101.723	40.5276	1.7640405	0.7028167	2.4076234	0.9592285	2.525304	1.006114
3174	474969.83, 3849082.25	90.2526	37.6585	1.5651307	0.6530614	2.1361445	0.8913207	2.2405556	0.934887
3175	474969.83, 3849107.25	80.9953	34.6471	1.4045925	0.6008378	1.9170365	0.8200442	2.0107379	0.8601266
3176	474969.83, 3849132.25	73.6362	33.0244	1.2769739	0.572698	1.7428581	0.7816381	1.828046	0.8198432
3177	474969.83, 3849157.25	66.1805	31.017	1.1476801	0.5378865	1.5663935	0.7341262	1.6429562	0.770009
3178	474969.83, 3849182.25	58.1459	28.23	1.0083458	0.4895546	1.3762252	0.6681611	1.4434927	0.7008197
3179	474969.83, 3849207.25	51.0837	25.7094	0.8858769	0.4458438	1.2090754	0.608503	1.2681729	0.6382456
3180	474994.83, 3848857.25	201.108	70.8414	3.4875479	1.2285082	4.759926	1.6767105	4.9925831	1.7586653
3181	474994.83, 3848882.25	175.635	62.5268	3.0458041	1.0843192	4.1570187	1.4799164	4.3602067	1.5522522
3182	474994.83, 3848907.25	161.427	55.0944	2.7994108	0.9554285	3.8207326	1.3040019	4.0074835	1.3677393
3183	474994.83, 3848932.25	144.417	53.3129	2.5044378	0.9245342	3.4181432	1.2618362	3.5852163	1.3235126
3184	474994.83, 3848957.25	138.637	51.6796	2.4041884	0.8962097	3.2813194	1.223178	3.4417047	1.2829648
3185	474994.83, 3848982.25	133.895	50.4645	2.3219591	0.8751377	3.16909	1.1944182	3.3239897	1.2527993
3186	474994.83, 3849007.25	122.092	49.0159	2.1172839	0.8500167	2.8897423	1.1601322	3.030988	1.2168375
3187	474994.83, 3849032.25	117.026	45.0687	2.0294328	0.7815654	2.76984	1.0667074	2.9052251	1.1188463

3188	474994.83, 3849057.25	105.266	41.9044	1.8254799	0.7266911	2.4914781	0.9918132	2.6132573	1.0402913
3189	474994.83, 3849082.25	93.6783	39.1316	1.6245382	0.6786077	2.217226	0.9261873	2.3256002	0.9714577
3190	474994.83, 3849107.25	83.3473	35.7344	1.4453805	0.6196945	1.9727052	0.8457804	2.0691277	0.8871207
3191	474994.83, 3849132.25	75.038	33.6537	1.3012832	0.583611	1.7760363	0.7965324	1.862846	0.8354656
3192	474994.83, 3849157.25	68.2675	32.1829	1.1838722	0.5581048	1.6157897	0.7617208	1.6947667	0.7989524
3193	474994.83, 3849182.25	60.4092	29.5471	1.047596	0.5123964	1.4297953	0.6993363	1.4996812	0.7335187
3194	474994.83, 3849207.25	52.7952	26.7585	0.9155568	0.4640371	1.2495835	0.6333338	1.310661	0.6642901
3195	474994.83, 3849232.25	49.0626	24.3182	0.8508273	0.4217172	1.1612385	0.5755742	1.2179978	0.6037073
3196	475019.83, 3848882.25	190.722	68.782	3.3074291	1.1927943	4.5140936	1.6279669	4.7347348	1.7075391
3197	475019.83, 3848907.25	173.968	61.1554	3.0168891	1.0605371	4.1175546	1.4474576	4.3188136	1.5182069
3198	475019.83, 3848932.25	155.428	55.6559	2.6953837	0.965165	3.6787529	1.3172906	3.858564	1.3816775
3199	475019.83, 3848957.25	144.779	54.0535	2.5107155	0.937378	3.4267112	1.2793658	3.5942031	1.3418991
3200	475019.83, 3848982.25	140.778	52.9343	2.4413183	0.917969	3.3319956	1.2528758	3.4948578	1.3141142
3201	475019.83, 3849007.25	129.576	51.437	2.2470714	0.8920026	3.0668807	1.217436	3.2167846	1.2769422
3202	475019.83, 3849032.25	121.957	47.3431	2.1149412	0.8210074	2.8865449	1.1205393	3.0276343	1.1753094
3203	475019.83, 3849057.25	108.022	43.1284	1.8732846	0.7479182	2.5567236	1.0207846	2.6816919	1.0706788
3204	475019.83, 3849082.25	94.2892	39.7805	1.6351323	0.6898606	2.231685	0.9415455	2.340766	0.9875667
3205	475019.83, 3849107.25	84.7708	36.3557	1.4700665	0.630468	2.0063976	0.8604845	2.1044669	0.9025435
3206	475019.83, 3849132.25	77.7384	35.0157	1.3481137	0.6072308	1.8399522	0.8287696	1.9298859	0.8692785
3207	475019.83, 3849157.25	71.1806	33.8431	1.23439	0.5868958	1.6847382	0.8010157	1.7670853	0.840168
3208	475019.83, 3849182.25	62.6204	30.8899	1.0859422	0.5356816	1.4821315	0.7311167	1.5545756	0.7668524
3209	475019.83, 3849207.25	54.3002	27.7599	0.941656	0.4814032	1.2852046	0.6570357	1.3480232	0.6891505
3210	475019.83, 3849232.25	50.3165	25.1291	0.8725725	0.4357807	1.1909171	0.5947686	1.2491271	0.6238399
3211	475019.83, 3849257.25	49.514	22.9185	0.858655	0.3974451	1.171922	0.5424468	1.2292035	0.5689607
3212	475044.83, 3848907.25	189.767	68.0519	3.2908685	1.1801328	4.4914911	1.610686	4.7110275	1.6894136
3213	475044.83, 3848932.25	168.491	58.5018	2.9219088	1.014518	3.9879222	1.3846492	4.182845	1.4523285
3214	475044.83, 3848957.25	149.864	56.2076	2.5988969	0.9747328	3.5470644	1.330349	3.7204389	1.3953742
3215	475044.83, 3848982.25	142.718	53.9201	2.4749727	0.9350637	3.3779283	1.2762073	3.5430357	1.3385861
3216	475044.83, 3849007.25	132.135	51.6459	2.2914345	0.895626	3.127429	1.2223813	3.2802924	1.2821292
3217	475044.83, 3849032.25	122.731	48.2544	2.1283602	0.8368114	2.9048596	1.1421091	3.0468442	1.1979335
3218	475044.83, 3849057.25	111.03	44.1442	1.9254489	0.7655335	2.6279192	1.0448266	2.7563674	1.0958959
3219	475044.83, 3849082.25	95.4741	40.0408	1.6556804	0.6943741	2.2597298	0.9477057	2.3701816	0.994028
3220	475044.83, 3849107.25	85.4784	36.7606	1.4823383	0.6374898	2.0231466	0.8700681	2.1220346	0.9125955
3221	475044.83, 3849132.25	80.4272	36.337	1.3947411	0.6301437	1.9035908	0.8600419	1.9966351	0.9020793
3222	475044.83, 3849157.25	72.8239	34.7418	1.2628883	0.6024813	1.7236336	0.8222873	1.8078818	0.8624793
3223	475044.83, 3849182.25	64.2669	31.9645	1.1144948	0.5543181	1.521101	0.7565525	1.5954498	0.7935315
3224	475044.83, 3849207.25	55.7564	28.7721	0.9669094	0.4989564	1.3196714	0.680993	1.3841747	0.7142787
3225	475044.83, 3849232.25	51.7595	26.0385	0.897595	0.45155	1.2250686	0.6162911	1.2849479	0.6464144
3226	475044.83, 3849257.25	51.0007	23.7181	0.8844361	0.4113117	1.207109	0.5613724	1.2661104	0.5888113
3227	475044.83, 3849282.25	49.4446	21.5455	0.8574509	0.3736348	1.1702787	0.5099497	1.2274799	0.5348752
3228	475069.83, 3848932.25	184.06	65.3636	3.1919142	1.1335132	4.3564348	1.547058	4.56937	1.6226756
3229	475069.83, 3848957.25	160.542	58.9044	2.7840724	1.0215005	3.7997983	1.3941791	3.985526	1.4623242
3230	475069.83, 3848982.25	148.142	55.9235	2.5690358	0.9698056	3.5063089	1.3236243	3.6776913	1.3883208
3231	475069.83, 3849007.25	136.386	52.5621	2.3651679	0.9115146	3.2280629	1.2440666	3.3858451	1.3048745
3232	475069.83, 3849032.25	122.937	48.6451	2.1319258	0.8435864	2.9097261	1.1513559	3.0519485	1.2076322
3233	475069.83, 3849057.25	113.593	44.8222	1.9698928	0.7772919	2.6885778	1.0608748	2.8199909	1.1127285
3234	475069.83, 3849082.25	97.828	40.8704	1.6965006	0.7087611	2.3154427	0.9673416	2.4286176	1.0146236
3235	475069.83, 3849107.25	86.449	37.3055	1.49917	0.6469399	2.046119	0.882966	2.1461298	0.9261239
3236	475069.83, 3849132.25	80.5411	36.2411	1.3967158	0.6284815	1.906286	0.8577732	1.999462	0.8996997
3237	475069.83, 3849157.25	72.8111	34.7087	1.2626658	0.6019066	1.7233299	0.8215029	1.8075633	0.8616566
3238	475069.83, 3849182.25	65.0653	32.6458	1.1283402	0.5661323	1.5399977	0.7726769	1.6152702	0.8104441
3239	475069.83, 3849207.25	56.922	29.6929	0.9871213	0.5149245	1.3472573	0.7027867	1.4131089	0.7371377
3240	475069.83, 3849232.25	53.289	26.9628	0.9241204	0.4675791	1.2612715	0.6381681	1.3229203	0.6693607
3241	475069.83, 3849257.25	52.5177	24.5551	0.9107446	0.4258268	1.2430157	0.5811831	1.3037722	0.6095904
3242	475069.83, 3849282.25	50.6176	22.2267	0.8777939	0.385448	1.1980435	0.5260727	1.2566018	0.5517862
3243	475069.83, 3849307.25	48.4229	20.302	0.8397329	0.3520706	1.1460965	0.4805182	1.2021158	0.5040051

3244	475094.83, 3848932.25	207.19	75.4535	3.5930168	1.3084894	4.9038736	1.7858715	5.1435665	1.8731619
3245	475094.83, 3848957.25	178.353	62.9095	3.0929407	1.0909545	4.2213523	1.4889724	4.4276848	1.5617509
3246	475094.83, 3848982.25	160.279	60.2467	2.7795027	1.0447773	3.7935614	1.4259482	3.9789842	1.4956461
3247	475094.83, 3849007.25	146.592	55.9841	2.5421422	0.9708566	3.4696035	1.3250586	3.6391919	1.3898252
3248	475094.83, 3849032.25	128.15	51.3466	2.2223337	0.8904355	3.0331178	1.2152971	3.1813714	1.2746987
3249	475094.83, 3849057.25	118.921	46.7777	2.0622925	0.8112031	2.814688	1.1071581	2.9522652	1.1612741
3250	475094.83, 3849082.25	102.524	42.8576	1.7779429	0.7432226	2.426598	1.0143759	2.545206	1.0639569
3251	475094.83, 3849107.25	89.9619	39.0241	1.5600895	0.6767433	2.1292641	0.9236427	2.2333389	0.9687888
3252	475094.83, 3849132.25	82.4939	37.2416	1.430582	0.6458316	1.9525077	0.8814533	2.047943	0.9245373
3253	475094.83, 3849157.25	73.3849	35.2723	1.2726154	0.6116798	1.7369094	0.8348418	1.8218066	0.8756474
3254	475094.83, 3849182.25	67.4465	34.1325	1.1696342	0.5919148	1.5963571	0.8078658	1.6743843	0.847353
3255	475094.83, 3849207.25	59.2027	31.1336	1.0266735	0.5399082	1.4012394	0.7368854	1.4697296	0.7729031
3256	475094.83, 3849232.25	55.1898	28.0437	0.9570835	0.4863237	1.3062606	0.6637514	1.3701084	0.6961945
3257	475094.83, 3849257.25	53.8406	25.3507	0.9336852	0.4396237	1.2743259	0.6000136	1.3366127	0.6293412
3258	475094.83, 3849282.25	51.7868	22.9342	0.8980684	0.3977179	1.2257148	0.5428191	1.2856256	0.5693512
3259	475094.83, 3849307.25	49.4875	20.95	0.8581961	0.363308	1.1712957	0.4958553	1.2285466	0.5200919
3260	475119.83, 3848957.25	202.77	72.9661	3.5163625	1.2653535	4.7992531	1.7269983	5.0338324	1.811411
3261	475119.83, 3848982.25	171.227	63.9743	2.9693536	1.1094199	4.0526764	1.5141746	4.2507643	1.5881849
3262	475119.83, 3849007.25	157.171	59.8262	2.7256085	1.037485	3.7200047	1.4159953	3.9018322	1.4852068
3263	475119.83, 3849032.25	136.32	55.2667	2.3640119	0.9584165	3.2264852	1.30808	3.3841903	1.3720167
3264	475119.83, 3849057.25	127.299	50.161	2.2075794	0.8698754	3.0129806	1.187236	3.16025	1.245266
3265	475119.83, 3849082.25	110.227	45.991	1.9115194	0.7975611	2.6089077	1.088539	2.7364267	1.1417449
3266	475119.83, 3849107.25	95.7163	41.6077	1.6598802	0.7215469	2.2654619	0.9847922	2.3761938	1.0329271
3267	475119.83, 3849132.25	86.4172	39.1597	1.4986175	0.6790936	2.0453649	0.9268505	2.1453389	0.9721534
3268	475119.83, 3849157.25	76.8769	37.1247	1.3331738	0.6438042	1.8195618	0.8786863	1.9084988	0.921635
3269	475119.83, 3849182.25	70.0518	35.7756	1.2148139	0.6204084	1.65802	0.8467549	1.7390612	0.8881428
3270	475119.83, 3849207.25	61.9153	32.8849	1.0737136	0.5702794	1.4654414	0.778337	1.5370697	0.8163808
3271	475119.83, 3849232.25	58.1352	29.569	1.0081609	0.5127756	1.3759728	0.6998539	1.4432281	0.7340616
3272	475119.83, 3849257.25	55.9037	26.4405	0.9694626	0.4585217	1.3231561	0.6258063	1.3878297	0.6563947
3273	475119.83, 3849282.25	53.022	23.69	0.9194897	0.410824	1.2549513	0.5607068	1.3162912	0.5881132
3274	475119.83, 3849307.25	50.1777	21.5145	0.8701648	0.3730969	1.187631	0.5092155	1.2456804	0.5341051
3275	475119.83, 3849332.25	46.9348	19.708	0.8139268	0.3417692	1.1108754	0.4664584	1.1651731	0.489258
3276	475144.83, 3848982.25	188.636	68.4234	3.2712645	1.1865751	4.4647348	1.6194787	4.6829634	1.698636
3277	475144.83, 3849007.25	168.316	64.2386	2.9188751	1.1140037	3.9837816	1.5204307	4.1785021	1.5947468
3278	475144.83, 3849032.25	152.881	60.8125	2.6512145	1.054589	3.6184692	1.4393396	3.7953338	1.509692
3279	475144.83, 3849057.25	138.019	54.667	2.3934773	0.9480164	3.2667006	1.2938855	3.4263713	1.3571284
3280	475144.83, 3849082.25	118.535	49.0778	2.0555884	0.8510902	2.805538	1.1615973	2.942668	1.2183742
3281	475144.83, 3849107.25	100.175	43.5212	1.737206	0.7547297	2.3709988	1.0300811	2.4868892	1.0804297
3282	475144.83, 3849132.25	89.5577	40.7477	1.5530798	0.7066334	2.1196971	0.9644377	2.2233042	1.0115778
3283	475144.83, 3849157.25	81.8864	39.7942	1.4200459	0.6900981	1.9381277	0.9418698	2.0328601	0.9879068
3284	475144.83, 3849182.25	72.0443	37.1196	1.249368	0.6437156	1.7051806	0.8785653	1.788527	0.9215081
3285	475144.83, 3849207.25	64.329	34.6128	1.1155724	0.6002434	1.5225718	0.8192329	1.5969925	0.8592756
3286	475144.83, 3849232.25	62.2085	31.5574	1.0787985	0.5472583	1.4723815	0.7469171	1.544349	0.7834251
3287	475144.83, 3849257.25	59.2456	28.0198	1.0274171	0.4859091	1.4022543	0.6631855	1.4707942	0.6956009
3288	475144.83, 3849282.25	54.6114	24.587	0.9470529	0.4263791	1.2925705	0.581937	1.3557491	0.6103811
3289	475144.83, 3849307.25	50.7557	22.0719	0.880189	0.3827638	1.2013123	0.5224093	1.2600304	0.5479438
3290	475144.83, 3849332.25	47.1793	20.1557	0.8181677	0.349533	1.1166636	0.4770547	1.1712442	0.5003724
3291	475169.83, 3849007.25	182.54	68.9746	3.1655445	1.1961341	4.3204445	1.6325252	4.5316205	1.7123203
3292	475169.83, 3849032.25	171.759	66.9906	2.9785927	1.1617279	4.0652862	1.5855664	4.2639905	1.6630662
3293	475169.83, 3849057.25	146.867	58.5615	2.546924	1.015553	3.4761299	1.3860618	3.6460372	1.4538101
3294	475169.83, 3849082.25	126.257	51.7624	2.1894993	0.8976458	2.9883043	1.225138	3.1343675	1.2850206
3295	475169.83, 3849107.25	105.366	45.8017	1.8272132	0.7942768	2.4938438	1.0840564	2.6157386	1.1370433
3296	475169.83, 3849132.25	94.2151	43.0395	1.6338473	0.7463765	2.2299312	1.0186805	2.3389264	1.0684718
3297	475169.83, 3849157.25	86.4942	42.3845	1.4999533	0.7350172	2.0471881	1.0031769	2.1472512	1.0522105
3298	475169.83, 3849182.25	74.8325	38.9259	1.2977206	0.6750393	1.7711739	0.921317	1.8577458	0.9663494
3299	475169.83, 3849207.25	67.1222	36.5829	1.1640099	0.634409	1.588681	0.8658634	1.666333	0.9081853

3300	475169.83, 3849232.25	65.6639	33.3561	1.1387211	0.5784496	1.5541659	0.789488	1.6301309	0.8280768
3301	475169.83, 3849257.25	61.7465	29.3448	1.070787	0.508888	1.4614471	0.6945479	1.5328802	0.7284962
3302	475169.83, 3849282.25	56.4595	25.6014	0.9791013	0.4439703	1.3363113	0.6059461	1.4016279	0.6355637
3303	475169.83, 3849307.25	51.8487	22.8073	0.8991424	0.3955158	1.2271806	0.5398137	1.2871631	0.5661988
3304	475169.83, 3849332.25	47.7539	20.7187	0.8281324	0.3592965	1.1302637	0.4903804	1.1855091	0.5143493
3305	475194.83, 3849007.25	211.692	78.6308	3.6710973	1.3635889	5.0104405	1.8610732	5.2553423	1.9520393
3306	475194.83, 3849032.25	182.428	70.2044	3.1636133	1.2174609	4.3178088	1.6616327	4.5288559	1.7428505
3307	475194.83, 3849057.25	155.784	62.6161	2.7015615	1.0858668	3.6871845	1.4820286	3.8674078	1.5544676
3308	475194.83, 3849082.25	136.308	55.4353	2.363803	0.9613396	3.2262	1.3120695	3.3838911	1.3762013
3309	475194.83, 3849107.25	112.738	48.8758	1.9550653	0.8475868	2.6683407	1.1568158	2.7987647	1.213359
3310	475194.83, 3849132.25	99.3428	45.5906	1.7227696	0.7906168	2.3512955	1.0790612	2.4662228	1.1318039
3311	475194.83, 3849157.25	89.9496	44.3514	1.559876	0.7691276	2.1289727	1.0497319	2.2330333	1.101041
3312	475194.83, 3849182.25	77.9257	40.9905	1.3513614	0.7108435	1.8443848	0.9701837	1.9345352	1.0176046
3313	475194.83, 3849207.25	69.2515	38.1342	1.2009364	0.661311	1.6390795	0.9025801	1.7191949	0.9466967
3314	475194.83, 3849232.25	67.6858	34.6529	1.1737847	0.6009382	1.6020219	0.8201813	1.6803261	0.8602703
3315	475194.83, 3849257.25	64.1033	30.6697	1.1116572	0.5318634	1.5172281	0.7259056	1.5913876	0.7613866
3316	475194.83, 3849282.25	58.8128	26.8334	1.019912	0.4653361	1.3920111	0.6351068	1.4600502	0.6661498
3317	475194.83, 3849307.25	52.9976	23.5906	0.9190657	0.4090999	1.2543726	0.5583537	1.3156842	0.5856451
3318	475194.83, 3849332.25	48.7481	21.4308	0.8453733	0.3716457	1.1537947	0.5072349	1.2101902	0.5320277
3319	475194.83, 3849357.25	44.3106	19.6701	0.7684188	0.3411114	1.0487646	0.4655606	1.1000264	0.4883164
3320	475219.83, 3849032.25	204.593	78.0722	3.547985	1.3539018	4.8424126	1.847852	5.0791015	1.9381719
3321	475219.83, 3849057.25	168.757	68.7886	2.9265314	1.1929081	3.9942313	1.6281222	4.1894625	1.707702
3322	475219.83, 3849082.25	147.818	59.909	2.5634041	1.0389219	3.4986225	1.4179565	3.6696293	1.4872638
3323	475219.83, 3849107.25	120.463	52.1366	2.0890278	0.904135	2.8511773	1.2339947	2.990538	1.2943103
3324	475219.83, 3849132.25	104.228	47.9479	1.8074935	0.831497	2.4669296	1.1348559	2.5875089	1.1903257
3325	475219.83, 3849157.25	92.5935	45.806	1.6057244	0.7943514	2.1915482	1.0841582	2.2986674	1.13715
3326	475219.83, 3849182.25	80.4281	42.7463	1.3947569	0.7412918	1.9036124	1.0117406	1.9966577	1.0611928
3327	475219.83, 3849207.25	70.5728	39.2203	1.2238491	0.6801444	1.6703515	0.9282846	1.7519954	0.9736575
3328	475219.83, 3849232.25	69.5152	35.8765	1.2055097	0.6221585	1.6453213	0.8491435	1.7257418	0.8906482
3329	475219.83, 3849257.25	67.033	32.3082	1.1624641	0.5602785	1.5865712	0.7646874	1.66412	0.802064
3330	475219.83, 3849282.25	61.0934	28.1122	1.0594603	0.487513	1.4459881	0.6653746	1.5166655	0.697897
3331	475219.83, 3849307.25	54.5133	24.5247	0.9453508	0.4252987	1.2902474	0.5804624	1.3533125	0.6088344
3332	475219.83, 3849332.25	49.8009	22.1973	0.8636311	0.3849381	1.1787136	0.5253768	1.2363271	0.5510564
3333	475219.83, 3849357.25	44.8547	20.2694	0.7778558	0.3515051	1.0616445	0.4797463	1.1135359	0.5031955
3334	475244.83, 3849032.25	242.108	93.5417	4.1985568	1.6221692	5.7303355	2.2139926	6.0104246	2.3222088
3335	475244.83, 3849057.25	183.017	73.8648	3.1738265	1.280938	4.3317481	1.7482684	4.5434766	1.8337208
3336	475244.83, 3849082.25	158.43	63.901	2.7474359	1.1081491	3.7497955	1.5124402	3.9330791	1.5863657
3337	475244.83, 3849107.25	129.389	55.8156	2.2438281	0.9679354	3.0624542	1.3210716	3.2121417	1.3856434
3338	475244.83, 3849132.25	109.232	50.2929	1.8942597	0.8721624	2.5853512	1.1903574	2.7117187	1.24854
3339	475244.83, 3849157.25	95.2409	47.3457	1.6516356	0.8210525	2.2542094	1.1206008	2.3643913	1.1753739
3340	475244.83, 3849182.25	81.8962	43.8927	1.420216	0.761173	1.9383599	1.0388752	2.0331036	1.0896536
3341	475244.83, 3849207.25	71.7496	40.304	1.2442574	0.6989388	1.6982055	0.9539358	1.7812109	1.0005625
3342	475244.83, 3849232.25	70.6971	36.8302	1.2260058	0.6386968	1.6732951	0.8717154	1.755083	0.9143234
3343	475244.83, 3849257.25	67.9684	33.1407	1.1786856	0.5747156	1.6087109	0.7843917	1.687342	0.8227314
3344	475244.83, 3849282.25	62.1048	28.9611	1.0770002	0.5022343	1.4699271	0.6854668	1.5417746	0.7189712
3345	475244.83, 3849307.25	55.7103	25.3955	0.9661093	0.4403997	1.3185793	0.6010727	1.3830292	0.6304521
3346	475244.83, 3849332.25	50.1957	22.7816	0.8704766	0.3950708	1.1880565	0.5392063	1.2461267	0.5655618
3347	475244.83, 3849357.25	45.0345	20.7702	0.7809731	0.3601905	1.0658991	0.4916005	1.1179985	0.5156291
3348	475269.83, 3849057.25	213.62	84.1616	3.7045241	1.4595013	5.0560625	1.9919778	5.3031942	2.0893423
3349	475269.83, 3849082.25	173.801	69.9081	3.0139953	1.2123233	4.113605	1.6546207	4.314671	1.7354957
3350	475269.83, 3849107.25	138.714	59.7443	2.4055391	1.036065	3.283163	1.4140574	3.4436384	1.4831741
3351	475269.83, 3849132.25	115.101	52.9071	1.9960383	0.9174964	2.7242621	1.2522308	2.8574194	1.3134378
3352	475269.83, 3849157.25	99.0229	49.4205	1.7172218	0.8570332	2.3437237	1.1697085	2.4582809	1.2268818
3353	475269.83, 3849182.25	83.7472	45.2954	1.4523149	0.7854969	1.9821696	1.0720733	2.0790546	1.1244744
3354	475269.83, 3849207.25	73.2552	41.184	1.2703662	0.7141984	1.7338396	0.9747626	1.8185868	1.0224074
3355	475269.83, 3849232.25	70.5104	37.2912	1.2227673	0.6466918	1.6688751	0.8826273	1.7504468	0.9257686

3356	475269.83, 3849257.25	67.4221	33.3996	1.1692114	0.5792048	1.5957801	0.7905187	1.6737791	0.8291579
3357	475269.83, 3849282.25	61.7789	29.3379	1.0713485	0.5087671	1.4622135	0.694383	1.533684	0.7283232
3358	475269.83, 3849307.25	55.3362	25.7672	0.9596214	0.4468454	1.3097245	0.6098701	1.3737416	0.6396795
3359	475269.83, 3849332.25	50.1351	23.2336	0.8694262	0.4029089	1.1866229	0.549904	1.244623	0.5767824
3360	475269.83, 3849357.25	45.0298	21.2247	0.780892	0.3680707	1.0657884	0.5023557	1.1178823	0.52691
3361	475294.83, 3849082.25	190.91	76.8814	3.3107036	1.3332507	4.5185627	1.8196666	4.7394223	1.9086088
3362	475294.83, 3849107.25	148.392	63.6165	2.5733633	1.1032156	3.5122151	1.5057068	3.6838862	1.5793031
3363	475294.83, 3849132.25	122.026	55.5496	2.1161349	0.9633225	2.888174	1.3147758	3.029343	1.3790398
3364	475294.83, 3849157.25	103.411	51.6362	1.7933245	0.8954578	2.4475912	1.2221517	2.5672253	1.2818884
3365	475294.83, 3849182.25	86.7586	47.2249	1.5045376	0.8189585	2.0534449	1.1177429	2.1538138	1.1723762
3366	475294.83, 3849207.25	77.668	42.5497	1.3468928	0.7378826	1.8382859	1.0070876	1.9281382	1.0563124
3367	475294.83, 3849232.25	71.213	38.1352	1.2349512	0.6613275	1.6855041	0.9026026	1.7678886	0.9467203
3368	475294.83, 3849257.25	67.3502	33.9134	1.1679638	0.5881155	1.5940774	0.8026803	1.6719932	0.841914
3369	475294.83, 3849282.25	61.5411	29.7914	1.0672254	0.5166316	1.4565861	0.7051166	1.5277816	0.7395815
3370	475294.83, 3849307.25	56.0614	26.522	0.9721983	0.4599363	1.3268898	0.6277369	1.3917459	0.6584197
3371	475294.83, 3849332.25	50.3965	23.8082	0.8739595	0.4128733	1.1928101	0.5635037	1.2511126	0.5910468
3372	475294.83, 3849357.25	46.0231	21.705	0.7981175	0.3764005	1.0892983	0.5137244	1.1425413	0.5388343
3373	475294.83, 3849382.25	42.9726	20.0016	0.7452167	0.3468601	1.0170975	0.4734067	1.0668115	0.496546
3374	475319.83, 3849082.25	209.177	84.8409	3.6274705	1.4712829	4.9508972	2.0080577	5.1928886	2.1062081
3375	475319.83, 3849107.25	164.061	69.2613	2.845091	1.2011063	3.8830785	1.6393114	4.0728768	1.7194382
3376	475319.83, 3849132.25	131.461	57.6025	2.2797488	0.9989226	3.1114799	1.3633642	3.2635638	1.4300031
3377	475319.83, 3849157.25	111.836	54.5251	1.9394164	0.9455566	2.6469825	1.2905284	2.7763625	1.3536072
3378	475319.83, 3849182.25	96.233	49.5163	1.66884	0.8586943	2.2776905	1.1719757	2.3890201	1.2292599
3379	475319.83, 3849207.25	84.4013	44.6055	1.4636589	0.773533	1.9976523	1.0557446	2.0952942	1.1073476
3380	475319.83, 3849232.25	76.7373	40.191	1.3307523	0.696979	1.8162567	0.951261	1.9050322	0.997757
3381	475319.83, 3849257.25	71.1727	35.9413	1.2342523	0.6232814	1.6845502	0.850676	1.7668882	0.8922556
3382	475319.83, 3849282.25	64.7761	31.5219	1.1233245	0.5466429	1.5331521	0.7460771	1.6080899	0.7825441
3383	475319.83, 3849307.25	58.3937	27.8821	1.0126446	0.4835211	1.3820923	0.6599263	1.4496467	0.6921824
3384	475319.83, 3849332.25	52.9071	24.5533	0.9174964	0.4257942	1.2522308	0.5811386	1.3134378	0.6095437
3385	475319.83, 3849357.25	48.8858	22.2078	0.8477609	0.3851204	1.1570534	0.5256256	1.2136082	0.5513173
3386	475319.83, 3849382.25	45.694	20.4616	0.7924101	0.3548389	1.0815088	0.4842964	1.1343711	0.5079679
3387	475344.83, 3849107.25	189.432	78.6425	3.285071	1.3637911	4.4835785	1.8613492	4.7027282	1.9523288
3388	475344.83, 3849132.25	149.913	62.281	2.5997456	1.0800561	3.5482227	1.474098	3.7216538	1.5461494
3389	475344.83, 3849157.25	125.88	57.8521	2.1829759	1.003252	2.9794009	1.369273	3.125029	1.4362007
3390	475344.83, 3849182.25	107.013	52.1934	1.8557859	0.90512	2.5328407	1.2353391	2.6566416	1.2957204
3391	475344.83, 3849207.25	93.5646	46.8724	1.6225649	0.8128457	2.2145327	1.1094	2.3227753	1.1636255
3392	475344.83, 3849232.25	83.8975	42.5438	1.4549229	0.7377804	1.9857291	1.0069482	2.0827881	1.0561662
3393	475344.83, 3849257.25	77.4352	38.5991	1.3428559	0.6693717	1.8327761	0.9135817	1.9223591	0.958236
3394	475344.83, 3849282.25	70.9724	34.2592	1.2307802	0.5941108	1.6798113	0.810863	1.7619176	0.8504966
3395	475344.83, 3849307.25	62.8002	29.2426	1.0890592	0.507116	1.4863857	0.6921295	1.5590377	0.7259596
3396	475344.83, 3849332.25	56.1252	25.2187	0.9733043	0.4373333	1.3283994	0.5968877	1.3933293	0.6260625
3397	475344.83, 3849357.25	51.6872	22.6474	0.8963424	0.3927429	1.2233591	0.5360291	1.2831548	0.5622293
3398	475344.83, 3849382.25	48.3684	20.8531	0.838789	0.3616267	1.1448083	0.4935607	1.2007645	0.5176851
3399	475369.83, 3849107.25	212.787	87.3149	3.6900766	1.514186	5.036344	2.0666133	5.282512	2.1676259
3400	475369.83, 3849132.25	165.635	67.8355	2.8723941	1.1763795	3.9203427	1.6055635	4.1119624	1.6840407
3401	475369.83, 3849157.25	140.301	59.6787	2.4330444	1.0349278	3.3207031	1.4125052	3.4830134	1.481546
3402	475369.83, 3849182.25	118.147	54.6104	2.0488648	0.9470345	2.7963615	1.2925454	2.9330429	1.3557228
3403	475369.83, 3849207.25	104.359	50.0026	1.8097661	0.8671283	2.4700314	1.1834866	2.5907623	1.2413334
3404	475369.83, 3849232.25	94.6412	46.2035	1.6412365	0.8012457	2.2400164	1.0935679	2.3495045	1.1470196
3405	475369.83, 3849257.25	85.6706	41.8382	1.4856714	0.725544	2.0276957	0.9902475	2.126806	1.0386491
3406	475369.83, 3849282.25	76.4081	36.2906	1.3250437	0.6293387	1.8084655	0.8589432	1.8968602	0.9009269
3407	475369.83, 3849307.25	66.1332	30.119	1.1468592	0.5223143	1.565273	0.7128726	1.6417809	0.7477165
3408	475369.83, 3849332.25	58.8926	25.6968	1.0212948	0.445626	1.3938984	0.6082057	1.4620298	0.6379338
3409	475369.83, 3849357.25	54.3333	23.023	0.9422291	0.3992576	1.2859869	0.5449206	1.3488437	0.5715554
3410	475369.83, 3849382.25	50.935	21.1839	0.8832971	0.3673641	1.2055544	0.5013912	1.2644799	0.5258983
3411	475369.83, 3849407.25	47.8204	19.6629	0.8292858	0.3409881	1.1318379	0.4653923	1.1871602	0.4881399

3412	475394.83, 3849132.25	188.427	75.1668	3.2676407	1.3035173	4.459789	1.7790855	4.6777759	1.8660442
3413	475394.83, 3849157.25	152.36	62.0079	2.6421843	1.0753193	3.6061445	1.4676329	3.7824067	1.5393683
3414	475394.83, 3849182.25	131.118	56.575	2.2738112	0.9811037	3.1033761	1.3390443	3.2550638	1.4044945
3415	475394.83, 3849207.25	117.85	54.7805	2.0437176	0.9499841	2.7893365	1.2965712	2.9256745	1.3599454
3416	475394.83, 3849232.25	106.214	49.6069	1.8419297	0.8602658	2.5139293	1.1741205	2.6368059	1.2315095
3417	475394.83, 3849257.25	95.0692	43.638	1.6486586	0.7567559	2.2501462	1.0328466	2.3601296	1.0833303
3418	475394.83, 3849282.25	82.6729	37.9486	1.4336847	0.6580915	1.9567425	0.898186	2.0523847	0.9420878
3419	475394.83, 3849307.25	68.5152	30.7225	1.1881679	0.5327793	1.6216526	0.7271555	1.7009162	0.7626977
3420	475394.83, 3849332.25	61.3684	26.1663	1.0642293	0.4537663	1.4524969	0.6193159	1.5234925	0.649587
3421	475394.83, 3849357.25	56.9079	23.4469	0.9868782	0.4066074	1.3469254	0.5549518	1.4127609	0.5820769
3422	475394.83, 3849382.25	53.4705	21.5513	0.9272678	0.3737361	1.2655671	0.5100879	1.3274259	0.5350202
3423	475394.83, 3849407.25	50.2507	19.9749	0.8714299	0.3463983	1.1893576	0.4727764	1.2474914	0.4958849
3424	475419.83, 3849132.25	204.722	82.9982	3.5502233	1.4393263	4.8454675	1.9644423	5.0823057	2.0604609
3425	475419.83, 3849157.25	168.861	65.476	2.928332	1.1354635	3.9966888	1.5497198	4.1920401	1.6254674
3426	475419.83, 3849182.25	143.119	59.569	2.4819288	1.0330252	3.3874222	1.4099085	3.5529937	1.4788224
3427	475419.83, 3849207.25	131.496	57.1013	2.2803613	0.9902315	3.1123159	1.3515022	3.2644406	1.4175613
3428	475419.83, 3849232.25	113.966	47.6008	1.976363	0.8254767	2.6974085	1.1266391	2.8292532	1.1817073
3429	475419.83, 3849257.25	101.171	41.5743	1.7544679	0.7209672	2.3945584	0.9840009	2.5116004	1.0320972
3430	475419.83, 3849282.25	89.1816	39.0017	1.5465568	0.6763537	2.1107941	0.9231109	2.2139662	0.9682309
3431	475419.83, 3849307.25	74.4561	31.831	1.2911919	0.5520021	1.7622634	0.7533916	1.8483998	0.7902161
3432	475419.83, 3849332.25	64.4763	26.9167	1.1181259	0.4667795	1.5260569	0.6370768	1.600648	0.668216
3433	475419.83, 3849357.25	59.2388	23.9111	1.0272999	0.4146584	1.4020944	0.5659401	1.4706263	0.5936023
3434	475419.83, 3849382.25	55.6397	21.8451	0.9648853	0.3788297	1.3169088	0.5170398	1.3812771	0.5423119
3435	475419.83, 3849407.25	52.4607	20.2474	0.9097556	0.3511243	1.2416659	0.4792266	1.3023564	0.5026503
3436	475444.83, 3849157.25	183.066	69.3794	3.1746603	1.2031533	4.3328861	1.6421053	4.5446702	1.7223686
3437	475444.83, 3849182.25	157.314	63.2616	2.7280792	1.0970612	3.7233767	1.4973071	3.9053691	1.5704929
3438	475444.83, 3849207.25	140.194	57.0662	2.4311961	0.9896227	3.3181805	1.3506712	3.4803675	1.4166897
3439	475444.83, 3849232.25	122.669	46.0809	2.1272876	0.79912	2.9033957	1.0906666	3.0453087	1.1439765
3440	475444.83, 3849257.25	107.761	40.6933	1.8687546	0.7056893	2.5505409	0.9631492	2.675207	1.0102263
3441	475444.83, 3849282.25	96.8237	39.2743	1.6790844	0.6810815	2.2916724	0.9295636	2.4036854	0.9749991
3442	475444.83, 3849307.25	85.2696	35.0555	1.4787158	0.6079202	2.0182025	0.8297105	2.1168488	0.8702653
3443	475444.83, 3849332.25	72.0258	29.0306	1.2490465	0.5034396	1.7047418	0.6871118	1.7880667	0.7206966
3444	475444.83, 3849357.25	62.539	24.6118	1.0845296	0.4268096	1.4802035	0.5825244	1.5525533	0.6109972
3445	475444.83, 3849382.25	57.3632	22.0996	0.994773	0.383244	1.3577005	0.5230647	1.4240626	0.5486312
3446	475444.83, 3849407.25	54.4407	20.537	0.9440921	0.3561452	1.2885296	0.4860793	1.3515107	0.509838
3447	475444.83, 3849432.25	51.5772	19.1878	0.8944341	0.3327482	1.2207546	0.4541462	1.280423	0.4763441
3448	475469.83, 3849157.25	201.2	78.0346	3.4891437	1.3532493	4.762104	1.8469614	4.9948675	1.9372377
3449	475469.83, 3849182.25	169.883	63.9428	2.9460516	1.1088738	4.020873	1.5134293	4.2174064	1.5874032
3450	475469.83, 3849207.25	144.735	51.2466	2.5099528	0.8887013	3.4256703	1.2129302	3.5931112	1.2722162
3451	475469.83, 3849232.25	130.398	43.3645	2.2613201	0.7520122	3.0863279	1.0263723	3.2371823	1.0765396
3452	475469.83, 3849257.25	117.654	37.5991	2.0403149	0.6520308	2.7846922	0.8899141	2.9208033	0.9334116
3453	475469.83, 3849282.25	103.036	32.6788	1.786813	0.5667048	2.4387042	0.7734582	2.5579039	0.8112636
3454	475469.83, 3849307.25	92.5865	33.2481	1.6056031	0.5765779	2.1913826	0.7869334	2.2984936	0.8253974
3455	475469.83, 3849332.25	80.0934	31.2719	1.388953	0.5423066	1.895691	0.7401588	1.9883492	0.7763365
3456	475469.83, 3849357.25	67.9533	25.6416	1.1784227	0.4446685	1.6083521	0.606899	1.6869656	0.6365632
3457	475469.83, 3849382.25	60.239	22.4697	1.0446452	0.3896623	1.4257678	0.5318246	1.4954569	0.5578193
3458	475469.83, 3849407.25	55.8249	20.7142	0.9680966	0.3592187	1.3212917	0.4902741	1.3858742	0.5142378
3459	475469.83, 3849432.25	53.19	19.3583	0.9224027	0.3357046	1.2589271	0.4581812	1.3204613	0.4805764
3460	475494.83, 3849157.25	209.32	83.8718	3.629965	1.454477	4.9543017	1.9851206	5.1964595	2.0821499
3461	475494.83, 3849182.25	177.978	58.0376	3.0864269	1.0064687	4.2124622	1.3736633	4.4183602	1.4408056
3462	475494.83, 3849207.25	164.968	47.2473	2.8608234	0.8193468	3.9045506	1.1182728	4.0953984	1.1729321
3463	475494.83, 3849232.25	145.816	39.8496	2.5286969	0.691058	3.4512529	0.9431799	3.6199442	0.9892809
3464	475494.83, 3849257.25	129.857	35.8478	2.2519279	0.6216608	3.073509	0.8484642	3.2237369	0.8899357
3465	475494.83, 3849282.25	123.514	34.692	2.1419443	0.6016173	2.9233996	0.8211081	3.0662904	0.8612425
3466	475494.83, 3849307.25	97.2536	30.9191	1.6865392	0.5361881	2.301847	0.7318081	2.4143574	0.7675776
3467	475494.83, 3849332.25	87.339	31.4329	1.514603	0.5450991	2.0671826	0.7439701	2.1682229	0.7803341

3468	475494.83, 3849357.25	74.6038	27.3833	1.2937545	0.4748727	1.7657609	0.6481226	1.8520683	0.6798018
3469	475494.83, 3849382.25	65.095	23.3469	1.1288556	0.4048736	1.5407011	0.5525854	1.616008	0.5795949
3470	475494.83, 3849407.25	58.3549	20.7909	1.0119716	0.3605486	1.3811738	0.4920892	1.4486832	0.5161417
3471	475494.83, 3849432.25	54.0763	19.3424	0.937773	0.335429	1.279905	0.4578052	1.3424646	0.4801819
3472	475519.83, 3849157.25	208.809	78.8741	3.6210923	1.3678074	4.9421919	1.8668308	5.1837578	1.9580783
3473	475519.83, 3849182.25	178.72	48.8991	3.0993021	0.847991	4.2300346	1.1573675	4.4367915	1.2139376
3474	475519.83, 3849207.25	144.008	35.5915	2.4973421	0.6172151	3.4084588	0.8423965	3.5750585	0.8835714
3475	475519.83, 3849232.25	130.748	31.2968	2.2673901	0.5427381	3.0946123	0.7407477	3.2458717	0.7769541
3476	475519.83, 3849257.25	127.788	31.8665	2.2160482	0.5526185	3.0245391	0.7542328	3.1723735	0.7910984
3477	475519.83, 3849282.25	127.9	35.6111	2.2180019	0.617555	3.0272056	0.8428604	3.1751703	0.884058
3478	475519.83, 3849307.25	103.992	32.7329	1.803395	0.5676436	2.4613358	0.7747396	2.5816417	0.8126076
3479	475519.83, 3849332.25	93.345	30.8214	1.6187574	0.5344935	2.2093361	0.7294952	2.3173246	0.7651517
3480	475519.83, 3849357.25	78.7132	27.7023	1.3650182	0.4804047	1.863024	0.6556729	1.9540854	0.6877211
3481	475519.83, 3849382.25	68.2638	23.4494	1.1838078	0.4066514	1.6157019	0.5550119	1.6946746	0.58214
3482	475519.83, 3849407.25	61.5003	20.905	1.0665182	0.3625273	1.4556209	0.4947898	1.5267692	0.5189743
3483	475519.83, 3849432.25	57.1433	19.5681	0.9909592	0.3393441	1.3524953	0.4631486	1.418603	0.4857865
3484	475544.83, 3849182.25	171.701	47.1138	2.9775867	0.8170311	4.0639132	1.1151123	4.2625504	1.1696171
3485	475544.83, 3849207.25	145.947	34.4627	2.5309641	0.5976404	3.4543473	0.8156802	3.6231899	0.8555493
3486	475544.83, 3849232.25	133.705	31.778	2.3186688	0.551083	3.1645994	0.7521372	3.3192796	0.7889004
3487	475544.83, 3849257.25	132.394	32.187	2.2959282	0.5581758	3.1335622	0.7618176	3.2867254	0.7990539
3488	475544.83, 3849282.25	131.156	36.1355	2.2744617	0.6266488	3.1042639	0.855272	3.255995	0.8970762
3489	475544.83, 3849307.25	108.251	34.5547	1.8772559	0.5992367	2.5621437	0.8178589	2.6873769	0.8578345
3490	475544.83, 3849332.25	97.4554	31.4605	1.6900381	0.5455765	2.3066224	0.7446217	2.4193661	0.7810176
3491	475544.83, 3849357.25	80.1927	26.5017	1.3906753	0.4595837	1.8980418	0.6272558	1.9908148	0.657915
3492	475544.83, 3849382.25	69.4794	22.6738	1.2048889	0.3932019	1.644474	0.5366556	1.7248531	0.5628864
3493	475544.83, 3849407.25	64.0584	20.8146	1.1108796	0.3609598	1.5161668	0.4926504	1.5902745	0.5167303
3494	475544.83, 3849432.25	59.8489	19.5379	1.0378791	0.3388195	1.4165333	0.4624326	1.4857711	0.4850355
3495	475569.83, 3849182.25	188.602	60.9413	3.2706714	1.0568237	4.4639253	1.4423895	4.6821144	1.512891
3496	475569.83, 3849207.25	164.428	42.6101	2.8514519	0.7389305	3.8917601	1.0085179	4.0819828	1.0578126
3497	475569.83, 3849232.25	150.619	37.4437	2.6119854	0.6493354	3.564928	0.8862353	3.7391756	0.929553
3498	475569.83, 3849257.25	145.153	38.6352	2.5171969	0.6699978	3.4355573	0.9144361	3.6034815	0.9591322
3499	475569.83, 3849282.25	134.134	40.177	2.3261001	0.6967351	3.1747418	0.9509282	3.3299178	0.997408
3500	475569.83, 3849307.25	111.515	36.7094	1.9338539	0.6366021	2.6393906	0.8688565	2.7683995	0.9113247
3501	475569.83, 3849332.25	99.3328	32.5788	1.7225956	0.5649702	2.3510581	0.7710909	2.4659738	0.8087805
3502	475569.83, 3849357.25	83.7256	27.1084	1.4519415	0.4701054	1.98166	0.6416162	2.0785201	0.6729773
3503	475569.83, 3849382.25	72.8874	23.0466	1.2639882	0.3996667	1.7251348	0.545479	1.8094565	0.572141
3504	475569.83, 3849407.25	66.2352	20.6268	1.1486287	0.3577035	1.5676882	0.4882062	1.6443141	0.5120688
3505	475569.83, 3849432.25	61.9844	19.3093	1.0749128	0.3348545	1.4670781	0.457021	1.5387864	0.4793594
3506	475594.83, 3849182.25	207.203	80.7822	3.5932378	1.4008976	4.9041751	1.9119934	5.1438828	2.0054484
3507	475594.83, 3849207.25	172.427	57.6885	2.9901745	1.0004151	4.0810935	1.3654011	4.2805704	1.4321396
3508	475594.83, 3849232.25	160.735	49.4901	2.7874107	0.8582412	3.8043545	1.1713572	3.9903049	1.2286112
3509	475594.83, 3849257.25	141.171	45.7053	2.4481365	0.7926052	3.3413013	1.081775	3.5046184	1.1346503
3510	475594.83, 3849282.25	127.745	42.0891	2.2153158	0.7298945	3.0235396	0.9961852	3.1713251	1.0448771
3511	475594.83, 3849307.25	115.533	38.0361	2.0035377	0.6596099	2.7344975	0.9002584	2.8681551	0.9442615
3512	475594.83, 3849332.25	98.0727	32.9846	1.7007443	0.572008	2.3212346	0.7806963	2.4346926	0.8188554
3513	475594.83, 3849357.25	85.3364	27.5332	1.4798753	0.477471	2.019785	0.6516689	2.1185086	0.6835213
3514	475594.83, 3849382.25	75.974	23.6102	1.3175155	0.4094403	1.7981908	0.5588183	1.8860833	0.5861324
3515	475594.83, 3849407.25	69.2025	21.0596	1.2000866	0.3652078	1.6379197	0.4984482	1.7179785	0.5228115
3516	475594.83, 3849432.25	63.9521	19.103	1.1090361	0.3312775	1.5136509	0.4521389	1.5876355	0.4742387
3517	475594.83, 3849457.25	60.0998	17.9375	1.0422307	0.3110664	1.4224725	0.4245542	1.4920005	0.4453057
3518	475619.83, 3849182.25	216.972	87.8186	3.7626509	1.5229204	5.135396	2.0785344	5.3864054	2.1801297
3519	475619.83, 3849207.25	178.523	72.0688	3.095891	1.2497924	4.225379	1.7057598	4.4319084	1.7891344
3520	475619.83, 3849232.25	160.324	57.5691	2.7802781	0.9983447	3.7946196	1.3625753	3.9800942	1.4291756
3521	475619.83, 3849257.25	145.55	49.6658	2.5240814	0.8612883	3.4449535	1.175516	3.613337	1.2329732
3522	475619.83, 3849282.25	127.045	43.4482	2.2031652	0.7534634	3.006956	1.0283529	3.1539309	1.078617
3523	475619.83, 3849307.25	115.127	39.0033	1.996501	0.6763824	2.7248935	0.9231501	2.8580817	0.9682722

3524	475619.83, 3849332.25	98.4614	33.1454	1.7074836	0.5747955	2.3304326	0.7845008	2.4443402	0.8228458
3525	475619.83, 3849357.25	85.4425	27.882	1.4817151	0.4835197	2.022296	0.6599245	2.1211423	0.6921804
3526	475619.83, 3849382.25	78.2808	24.2079	1.3575186	0.4198047	1.8527883	0.572964	1.9433494	0.6009695
3527	475619.83, 3849407.25	72.3894	21.6822	1.2553524	0.3760049	1.7133484	0.5131845	1.797094	0.5382681
3528	475619.83, 3849432.25	66.8024	19.8741	1.1584649	0.3446501	1.581113	0.4703904	1.6583951	0.4933823
3529	475619.83, 3849457.25	61.8663	18.4465	1.072864	0.319893	1.4642819	0.436601	1.5358535	0.4579413
3530	475644.83, 3849182.25	202.594	90.7643	3.5133114	1.5740041	4.7950889	2.1482552	5.0294646	2.2532583
3531	475644.83, 3849207.25	171.145	71.6054	2.9679409	1.2417571	4.0507483	1.694793	4.248742	1.7776316
3532	475644.83, 3849232.25	146.975	59.1306	2.5487981	1.0254228	3.4786877	1.3995325	3.6487201	1.4679392
3533	475644.83, 3849257.25	135.193	47.6994	2.344467	0.8271861	3.1998096	1.1289721	3.3562108	1.1841544
3534	475644.83, 3849282.25	121.058	41.7442	2.099354	0.7239144	2.865271	0.9880234	3.0053205	1.0363163
3535	475644.83, 3849307.25	107.787	37.3533	1.8692	0.6477685	2.5511487	0.8840969	2.6758446	0.92731
3536	475644.83, 3849332.25	97.6826	32.4541	1.6939791	0.5628084	2.3120013	0.7681404	2.4250079	0.8056858
3537	475644.83, 3849357.25	86.8467	28.1406	1.5060654	0.4880041	2.0555301	0.6660449	2.1560009	0.6986
3538	475644.83, 3849382.25	79.4277	24.8584	1.377409	0.4310862	1.8799354	0.5883613	1.9718234	0.6171194
3539	475644.83, 3849407.25	74.8433	22.2795	1.2979071	0.3863638	1.7714285	0.5273226	1.8580129	0.5530973
3540	475644.83, 3849432.25	69.6687	20.4205	1.2081705	0.3541247	1.6489528	0.4833217	1.7295508	0.5069456
3541	475644.83, 3849457.25	64.5641	19.1643	1.1196487	0.3323408	1.5281353	0.4535903	1.6028279	0.475761
3542	475669.83, 3849182.25	197.048	94.2522	3.4171484	1.6344906	4.6638423	2.2308093	4.891803	2.3398475
3543	475669.83, 3849207.25	166.043	67.9735	2.8794658	1.1787739	3.9299945	1.6088314	4.1220859	1.6874683
3544	475669.83, 3849232.25	138.554	56.393	2.4027511	0.9779489	3.2793578	1.3347385	3.4396472	1.3999783
3545	475669.83, 3849257.25	126.235	46.6627	2.1891329	0.8092085	2.9878042	1.1044357	3.133843	1.1584187
3546	475669.83, 3849282.25	117.718	40.1601	2.0414247	0.6964436	2.786207	0.9505303	2.9223921	0.9969906
3547	475669.83, 3849307.25	105.985	36.1683	1.8379557	0.6272176	2.5085054	0.8560483	2.6311169	0.8978905
3548	475669.83, 3849332.25	96.6748	32.3243	1.6765024	0.5605564	2.2881484	0.7650668	2.3999892	0.802462
3549	475669.83, 3849357.25	89.3112	28.5916	1.5488055	0.4958256	2.1138632	0.6767199	2.2171853	0.7097968
3550	475669.83, 3849382.25	81.0727	25.4443	1.4059351	0.4412472	1.9188689	0.6022294	2.0126599	0.6316654
3551	475669.83, 3849407.25	76.0197	22.8434	1.3183087	0.3961426	1.7992733	0.5406691	1.8872188	0.567096
3552	475669.83, 3849432.25	71.8964	20.9668	1.2468025	0.3635997	1.7016791	0.4962535	1.7848543	0.5205095
3553	475669.83, 3849457.25	67.1137	19.6527	1.1638634	0.340811	1.588481	0.4651507	1.6661232	0.4878864
3554	475694.83, 3849207.25	167.845	69.4908	2.910712	1.2050862	3.9726404	1.6447434	4.1668163	1.7251356
3555	475694.83, 3849232.25	143.27	58.9579	2.4845439	1.0224274	3.3909915	1.3954442	3.5567373	1.4636511
3556	475694.83, 3849257.25	125.176	49.2924	2.1707516	0.8548122	2.9627168	1.1666773	3.1075293	1.2237025
3557	475694.83, 3849282.25	115.935	40.8393	2.0105014	0.708221	2.7440018	0.9666046	2.878124	1.0138506
3558	475694.83, 3849307.25	107.458	36.3285	1.8634984	0.6299966	2.543367	0.8598412	2.6676825	0.9018687
3559	475694.83, 3849332.25	96.6481	32.5092	1.6760381	0.5637629	2.2875148	0.7694431	2.3993246	0.8070522
3560	475694.83, 3849357.25	90.2369	29.1201	1.5648583	0.5049903	2.1357727	0.6892282	2.2401656	0.7229165
3561	475694.83, 3849382.25	84.219	26.0829	1.4604976	0.4523205	1.9933375	0.6173427	2.0907685	0.6475173
3562	475694.83, 3849407.25	77.0536	23.3804	1.3362378	0.4054555	1.8237435	0.5533797	1.912885	0.580428
3563	475694.83, 3849432.25	73.0373	21.6222	1.2665881	0.3749656	1.7286832	0.511766	1.8131783	0.5367803
3564	475694.83, 3849457.25	69.3245	20.0094	1.2022015	0.3469958	1.6408061	0.4735918	1.7210059	0.4967402
3565	475719.83, 3849207.25	167.622	70.2872	2.906844	1.2188968	3.9673611	1.6635925	4.161279	1.744906
3566	475719.83, 3849232.25	147.041	60.7516	2.5499322	1.0535336	3.4802357	1.4378991	3.6503437	1.5081812
3567	475719.83, 3849257.25	125.18	51.9062	2.1708348	0.9001392	2.9628304	1.228541	3.1076485	1.28859
3568	475719.83, 3849282.25	115.087	43.7293	1.9957953	0.7583383	2.7239305	1.0350063	2.8570716	1.0855956
3569	475719.83, 3849307.25	107.886	36.8543	1.8709156	0.6391147	2.5534903	0.8722858	2.6783005	0.9149217
3570	475719.83, 3849332.25	99.6493	33.1137	1.7280839	0.5742472	2.3585487	0.7837524	2.4738305	0.8220609
3571	475719.83, 3849357.25	89.7807	29.7043	1.5569467	0.5151211	2.1249747	0.7030551	2.2288398	0.7374192
3572	475719.83, 3849382.25	85.6382	26.6254	1.485109	0.4617292	2.0269281	0.630184	2.1260009	0.6609864
3573	475719.83, 3849407.25	80.1814	23.8201	1.3904794	0.4130807	1.8977743	0.5637868	1.9905343	0.5913437
3574	475719.83, 3849432.25	73.6614	22.1781	1.2774103	0.3846043	1.7434538	0.5249212	1.8286708	0.5505785
3575	475719.83, 3849457.25	70.4789	20.6371	1.2222205	0.3578813	1.6681288	0.4884488	1.7496641	0.5123233
3576	475744.83, 3849207.25	168.374	71.9219	2.9198793	1.2472452	3.9851523	1.7022834	4.1799397	1.7854881
3577	475744.83, 3849232.25	148.881	62.2116	2.581836	1.0788525	3.5237791	1.4724551	3.6960154	1.5444262
3578	475744.83, 3849257.25	129.547	53.916	2.2465591	0.9349935	3.0661815	1.2761114	3.2160512	1.3384856
3579	475744.83, 3849282.25	115.107	45.9796	1.9961474	0.7973619	2.7244109	1.0882671	2.8575755	1.1414597

3580	475744.83, 3849307.25	106.261	38.2925	1.8427382	0.6640558	2.5150327	0.9063263	2.6379633	0.950626
3581	475744.83, 3849332.25	99.9135	33.1199	1.7326666	0.5743542	2.3648033	0.7838984	2.4803909	0.822214
3582	475744.83, 3849357.25	92.221	29.9813	1.5992662	0.5199249	2.1827338	0.7096115	2.2894222	0.7442961
3583	475744.83, 3849382.25	84.8109	27.2767	1.4707628	0.4730237	2.0073479	0.6455991	2.1054636	0.6771549
3584	475744.83, 3849407.25	81.2191	24.5904	1.408474	0.4264384	1.9223339	0.5820179	2.0162943	0.610466
3585	475744.83, 3849432.25	76.1949	22.4339	1.3213454	0.3890411	1.8034179	0.5309768	1.8915659	0.55693
3586	475744.83, 3849457.25	70.0967	21.0143	1.2155934	0.3644224	1.6590839	0.4973763	1.7401771	0.5216872
3587	475769.83, 3849207.25	167.564	74.3758	2.9058414	1.2897996	3.9659928	1.760363	4.1598438	1.8464066
3588	475769.83, 3849232.25	149.107	63.3097	2.5857712	1.0978948	3.5291499	1.4984448	3.7016488	1.5716862
3589	475769.83, 3849257.25	133.3	55.7604	2.3116488	0.9669774	3.1550181	1.3197642	3.3092301	1.384272
3590	475769.83, 3849282.25	115.086	48.2603	1.9957861	0.8369142	2.7239179	1.1422495	2.8570584	1.1980807
3591	475769.83, 3849307.25	105.591	40.6225	1.8311173	0.7044612	2.4991722	0.961473	2.6213275	1.0084682
3592	475769.83, 3849332.25	99.3288	34.0468	1.7225263	0.590428	2.3509634	0.8058365	2.4658745	0.8452244
3593	475769.83, 3849357.25	93.5641	30.5612	1.6225566	0.5299822	2.2145214	0.7233381	2.3227634	0.7586936
3594	475769.83, 3849382.25	86.3383	28.1118	1.4972489	0.4875045	2.043497	0.665363	2.1433797	0.6978848
3595	475769.83, 3849407.25	81.0465	25.656	1.4054806	0.4449184	1.9182485	0.60724	2.0120092	0.6369209
3596	475769.83, 3849432.25	77.556	23.1514	1.3449501	0.4014831	1.8356343	0.547958	1.925357	0.5747413
3597	475769.83, 3849457.25	72.757	21.3113	1.2617281	0.3695732	1.7220501	0.5044063	1.806221	0.5290608
3598	475769.83, 3849482.25	67.4105	20.0132	1.1690099	0.3470624	1.5955051	0.4736827	1.6734906	0.4968355
3599	475794.83, 3849207.25	166.637	76.7091	2.8897619	1.330263	3.9440469	1.815589	4.1368252	1.9043319
3600	475794.83, 3849232.25	147.935	63.7877	2.5654428	1.1061841	3.501405	1.5097583	3.6725477	1.5835528
3601	475794.83, 3849257.25	134.447	56.7815	2.3315426	0.9846853	3.1821699	1.3439326	3.337709	1.4096217
3602	475794.83, 3849282.25	118.719	49.583	2.0587908	0.859852	2.8099089	1.1735558	2.9472525	1.2309172
3603	475794.83, 3849307.25	105.874	42.654	1.8360261	0.7396908	2.5058719	1.0095556	2.6283546	1.0589009
3604	475794.83, 3849332.25	98.1961	36.1651	1.7028844	0.627163	2.3241555	0.8559737	2.4377563	0.8978123
3605	475794.83, 3849357.25	93.4812	30.8213	1.621119	0.534493	2.2125592	0.7294945	2.3207054	0.7651509
3606	475794.83, 3849382.25	88.2091	28.7428	1.529692	0.4984473	2.0877765	0.6802981	2.1898235	0.7135499
3607	475794.83, 3849407.25	81.4908	26.5079	1.413186	0.4596907	1.9287651	0.6274018	2.0230399	0.6580681
3608	475794.83, 3849432.25	77.6764	24.1781	1.3470378	0.4192892	1.8384838	0.5722603	1.9283457	0.6002315
3609	475794.83, 3849457.25	74.342	21.9144	1.2892143	0.3800323	1.7595642	0.5186813	1.8455687	0.5440335
3610	475794.83, 3849482.25	69.6011	20.3242	1.206999	0.3524551	1.647354	0.4810429	1.7278739	0.5045554
3611	475819.83, 3849207.25	170.404	79.8605	2.9550833	1.3849141	4.0331998	1.8901786	4.2303357	1.9825673
3612	475819.83, 3849232.25	148.364	64.4307	2.5728718	1.1173362	3.5115444	1.5249791	3.6831827	1.5995175
3613	475819.83, 3849257.25	135.045	58.0286	2.3419072	1.006313	3.1963159	1.3734507	3.3525464	1.4405827
3614	475819.83, 3849282.25	121.974	51.3784	2.1152383	0.8909871	2.8869504	1.21605	3.0280596	1.2754884
3615	475819.83, 3849307.25	106.373	44.7196	1.8446912	0.7755126	2.5176983	1.0584464	2.6407591	1.1101815
3616	475819.83, 3849332.25	98.7315	38.5231	1.7121686	0.6680552	2.3368269	0.9117848	2.451047	0.9563513
3617	475819.83, 3849357.25	92.8086	32.6384	1.6094548	0.5660033	2.1966396	0.7725008	2.3040076	0.8102594
3618	475819.83, 3849382.25	88.9133	29.1493	1.541904	0.5054967	2.1044439	0.6899193	2.2073055	0.7236414
3619	475819.83, 3849407.25	83.816	27.2229	1.4535094	0.4720902	1.9837999	0.644325	2.0807646	0.6758185
3620	475819.83, 3849432.25	77.3539	25.1796	1.3414444	0.436656	1.8308497	0.5959632	1.9203385	0.6250928
3621	475819.83, 3849457.25	75.0453	23.0771	1.3014095	0.4001946	1.7762086	0.5461994	1.8630267	0.5728967
3622	475819.83, 3849482.25	71.8195	20.9983	1.2454701	0.3641446	1.6998607	0.4969971	1.782947	0.5212895
3623	475844.83, 3849207.25	182.365	84.4573	3.1625119	1.4646292	4.3163056	1.9989766	4.5272793	2.0966831
3624	475844.83, 3849232.25	148.406	65.2321	2.5736	1.1312324	3.5125382	1.5439451	3.6842251	1.6194105
3625	475844.83, 3849257.25	134.794	59.1992	2.3375534	1.0266133	3.1903737	1.4011573	3.3463137	1.4696435
3626	475844.83, 3849282.25	123.659	52.9236	2.1444568	0.9177827	2.9268287	1.2526216	3.0698871	1.3138476
3627	475844.83, 3849307.25	110.585	46.8015	1.9177275	0.8116153	2.6173808	1.1077207	2.7453139	1.1618642
3628	475844.83, 3849332.25	99.0413	40.6245	1.7175405	0.7044968	2.3441587	0.9615215	2.4587372	1.0085191
3629	475844.83, 3849357.25	92.055	34.5312	1.5963863	0.5988279	2.1788032	0.8173011	2.2852994	0.8572493
3630	475844.83, 3849382.25	88.0672	29.1442	1.5272316	0.5054084	2.0844184	0.6897988	2.1863013	0.723515
3631	475844.83, 3849407.25	84.5101	27.5499	1.4655452	0.4777602	2.0002267	0.6520637	2.0979944	0.6839354
3632	475844.83, 3849432.25	79.4793	25.7915	1.3783036	0.4472673	1.8811564	0.6104459	1.9731041	0.6402835
3633	475844.83, 3849457.25	74.2003	23.9226	1.2867565	0.4148575	1.7562097	0.5662119	1.8420502	0.5938873
3634	475844.83, 3849482.25	72.1035	21.8889	1.2503941	0.3795891	1.7065811	0.5180763	1.7899959	0.543399
3635	475869.83, 3849232.25	147.683	65.8804	2.5610758	1.1424759	3.4954448	1.5592906	3.6662962	1.6355061

3636	475869.83, 3849257.25	134.01	59.7717	2.3239601	1.0365414	3.1718211	1.4147075	3.3268543	1.483856
3637	475869.83, 3849282.25	123.658	53.9241	2.144434	0.9351336	2.9267977	1.2763027	3.0698546	1.3386862
3638	475869.83, 3849307.25	112.871	48.2817	1.9573638	0.8372853	2.6714778	1.142756	2.802055	1.1986119
3639	475869.83, 3849332.25	99.8853	42.2431	1.7321767	0.7325655	2.3641347	0.9998306	2.4796896	1.0487007
3640	475869.83, 3849357.25	92.8155	36.2119	1.6095755	0.6279749	2.1968043	0.8570819	2.3041803	0.8989746
3641	475869.83, 3849382.25	87.1465	30.4938	1.5112658	0.5288137	2.0626278	0.7217433	2.1634455	0.7570208
3642	475869.83, 3849407.25	83.7337	27.528	1.452081	0.477381	1.9818503	0.651546	2.0787197	0.6833925
3643	475869.83, 3849432.25	80.4343	26.1809	1.3948646	0.4540197	1.9037594	0.6196617	1.9968119	0.6499497
3644	475869.83, 3849457.25	75.2493	24.4157	1.3049472	0.4234083	1.781037	0.5778823	1.8680911	0.6061282
3645	475869.83, 3849482.25	71.1921	22.5469	1.2345886	0.3910013	1.6850092	0.5336521	1.7673695	0.5597361
3646	475894.83, 3849232.25	148.872	67.3766	2.5816845	1.1684228	3.5235722	1.5947039	3.6957984	1.6726503
3647	475894.83, 3849257.25	134.425	61.0177	2.3311535	1.0581477	3.1816388	1.4441966	3.3371519	1.5147865
3648	475894.83, 3849282.25	123.566	55.3244	2.1428448	0.9594166	2.9246287	1.3094449	3.0675796	1.3734484
3649	475894.83, 3849307.25	114.448	49.8326	1.9847187	0.8641798	2.7088127	1.1794625	2.8412148	1.2371126
3650	475894.83, 3849332.25	102.98	43.5036	1.7858426	0.7544243	2.4373797	1.0296643	2.5565147	1.0799926
3651	475894.83, 3849357.25	92.2217	37.3597	1.5992779	0.6478793	2.1827497	0.8842481	2.2894388	0.9274687
3652	475894.83, 3849382.25	86.8216	31.7538	1.505631	0.5506639	2.0549372	0.7515651	2.155379	0.7883003
3653	475894.83, 3849407.25	82.7874	27.5221	1.4356717	0.4772788	1.9594544	0.6514066	2.0552292	0.6832463
3654	475894.83, 3849432.25	80.5015	26.4225	1.3960291	0.4582108	1.9053487	0.6253819	1.9984789	0.6559495
3655	475894.83, 3849457.25	76.8764	24.9856	1.3331645	0.4332919	1.819549	0.5913717	1.9084854	0.620277
3656	475894.83, 3849482.25	72.2384	23.4487	1.2527335	0.40664	1.709774	0.5549963	1.7933448	0.5821236
3657	475919.83, 3849232.25	151.712	69.2358	2.6309301	1.2006634	3.5907844	1.6387069	3.7662958	1.7188041
3658	475919.83, 3849257.25	135.003	62.7093	2.341179	1.0874841	3.1953221	1.4842359	3.351504	1.5567828
3659	475919.83, 3849282.25	123.04	56.6097	2.133725	0.9817058	2.9121817	1.3398661	3.0545242	1.4053564
3660	475919.83, 3849307.25	115.001	50.8401	1.9943137	0.8816523	2.7219082	1.2033095	2.8549505	1.2621252
3661	475919.83, 3849332.25	105.208	44.5206	1.8244739	0.7720609	2.4901051	1.0537354	2.6118172	1.1052402
3662	475919.83, 3849357.25	93.9364	38.5175	1.6290136	0.6679568	2.2233341	0.9116506	2.3320069	0.9562105
3663	475919.83, 3849382.25	87.0364	32.9897	1.5093565	0.572097	2.0600219	0.7808177	2.1607123	0.8189828
3664	475919.83, 3849407.25	81.7651	28.0601	1.4179425	0.4866086	1.9352569	0.6641403	2.029849	0.6966023
3665	475919.83, 3849432.25	79.1697	26.2333	1.3729341	0.4549291	1.8738279	0.6209029	1.9654175	0.6512516
3666	475919.83, 3849457.25	76.8934	25.0526	1.3334595	0.4344532	1.8199516	0.5929568	1.9089077	0.6219395
3667	475919.83, 3849482.25	73.3335	23.6386	1.2717256	0.4099328	1.735695	0.5594905	1.8205328	0.5868374
3668	475944.83, 3849232.25	160.261	71.9773	2.7791906	1.2482065	3.7931354	1.7035953	3.9785374	1.7868642
3669	475944.83, 3849257.25	135.821	64.6625	2.3553567	1.1213548	3.2146722	1.5304638	3.3717999	1.6052702
3670	475944.83, 3849282.25	123.67	57.5021	2.1446366	0.9971826	2.9270741	1.3609893	3.0701445	1.4275121
3671	475944.83, 3849307.25	114.621	50.9498	1.9877127	0.8835536	2.7128991	1.2059045	2.8455009	1.264847
3672	475944.83, 3849332.25	106.179	44.9296	1.8413182	0.7791538	2.5130948	1.0634161	2.6359306	1.115394
3673	475944.83, 3849357.25	96.4951	39.3216	1.6733847	0.6819026	2.2838933	0.9306843	2.3955261	0.9761746
3674	475944.83, 3849382.25	86.3437	34.0468	1.4973439	0.5904283	2.0436267	0.805837	2.1435157	0.8452249
3675	475944.83, 3849407.25	82.2005	29.2567	1.4254936	0.5073598	1.9455629	0.6924623	2.0406587	0.7263086
3676	475944.83, 3849432.25	78.4058	26.0281	1.3596875	0.45137	1.8557485	0.6160454	1.9464544	0.6461567
3677	475944.83, 3849457.25	76.7897	25.2286	1.3316611	0.437505	1.8174971	0.597122	1.9063333	0.6263083
3678	475944.83, 3849482.25	73.9469	23.7895	1.2823619	0.4125498	1.7502119	0.5630623	1.8357592	0.5905838
3679	475969.83, 3849232.25	167.801	73.5672	2.9099405	1.275778	3.9715874	1.7412259	4.1657118	1.826334
3680	475969.83, 3849257.25	135.618	65.1512	2.3518469	1.1298307	3.209882	1.542032	3.3667755	1.6174039
3681	475969.83, 3849282.25	123.827	57.2941	2.1473734	0.993575	2.9308095	1.3560655	3.0740625	1.4223477
3682	475969.83, 3849307.25	114.029	50.8122	1.9774588	0.8811684	2.6989041	1.2026491	2.8308219	1.2614326
3683	475969.83, 3849332.25	106.506	45.3012	1.8469921	0.7855985	2.5208386	1.072212	2.6440529	1.1246199
3684	475969.83, 3849357.25	97.9702	40.0632	1.6989654	0.6947624	2.3188067	0.9482357	2.432146	0.9945838
3685	475969.83, 3849382.25	88.7623	35.0334	1.5392852	0.6075373	2.1008697	0.8291879	2.2035566	0.8697171
3686	475969.83, 3849407.25	82.3849	30.4992	1.4286917	0.5289072	1.9499279	0.7218708	2.045237	0.7571547
3687	475969.83, 3849432.25	78.9919	26.7926	1.3698508	0.4646281	1.8696197	0.6341405	1.9610035	0.6651362
3688	475969.83, 3849457.25	75.7087	24.9436	1.3129151	0.4325628	1.791912	0.5903767	1.8794976	0.6192333
3689	475969.83, 3849482.25	73.5722	23.654	1.2758638	0.4101997	1.741343	0.5598547	1.8264569	0.5872195
3690	475969.83, 3849507.25	70.7068	22.1319	1.2261735	0.3838038	1.673524	0.5238287	1.755323	0.5494325
3691	475994.83, 3849232.25	172.5	73.2508	2.9914304	1.2702911	4.0828076	1.7337372	4.2823682	1.8184793

3692	475994.83, 3849257.25	135.454	63.4519	2.3490062	1.1003622	3.2060048	1.5018124	3.3627089	1.5752184
3693	475994.83, 3849282.25	123.642	56.4811	2.1441578	0.9794766	2.9264207	1.3368235	3.0694591	1.4021651
3694	475994.83, 3849307.25	113.66	50.6248	1.9710614	0.8779184	2.6901728	1.1982134	2.8216639	1.25678
3695	475994.83, 3849332.25	106.431	45.7006	1.8456925	0.7925246	2.5190649	1.081665	2.6421925	1.1345349
3696	475994.83, 3849357.25	99.0634	40.7068	1.7179238	0.7059241	2.3446818	0.9634697	2.4592858	1.0105624
3697	475994.83, 3849382.25	91.232	35.8924	1.5821139	0.6224341	2.1593238	0.8495196	2.2648679	0.8910426
3698	475994.83, 3849407.25	81.9038	31.5363	1.4203481	0.5468924	1.9385402	0.7464177	2.0332928	0.7829013
3699	475994.83, 3849432.25	78.8893	27.625	1.3680724	0.4790638	1.8671925	0.6538428	1.9584577	0.6858016
3700	475994.83, 3849457.25	74.7685	24.4865	1.2966103	0.4246365	1.7696586	0.5795585	1.8561565	0.6078864
3701	475994.83, 3849482.25	72.6516	23.396	1.2598999	0.4057257	1.719555	0.5537485	1.8036039	0.5808148
3702	475994.83, 3849507.25	70.8477	21.9932	1.2286175	0.381398	1.6768596	0.5205451	1.7588217	0.5459885
3703	476019.83, 3849257.25	134.935	60.2779	2.3399915	1.0453194	3.1937012	1.4266881	3.3498039	1.4964221
3704	476019.83, 3849282.25	122.411	55.3411	2.122809	0.9597062	2.8972831	1.3098402	3.0388973	1.373863
3705	476019.83, 3849307.25	113.291	50.3108	1.9646605	0.8724731	2.6814365	1.1907815	2.8125006	1.2489849
3706	476019.83, 3849332.25	105.687	45.7523	1.8327797	0.7934208	2.5014411	1.0828882	2.6237073	1.1358179
3707	476019.83, 3849357.25	99.4782	41.0639	1.7251173	0.7121158	2.3544997	0.9719203	2.4695836	1.0194261
3708	476019.83, 3849382.25	92.7552	36.5355	1.6085298	0.6335862	2.1953771	0.8647403	2.3026834	0.9070073
3709	476019.83, 3849407.25	85.1126	32.4217	1.4759937	0.562246	2.0144872	0.7673728	2.112952	0.8048807
3710	476019.83, 3849432.25	78.7319	28.6328	1.3653414	0.4965399	1.8634652	0.6776948	1.9545482	0.7108193
3711	476019.83, 3849457.25	75.2019	25.0833	1.3041257	0.4349867	1.7799158	0.5936848	1.8669151	0.6227031
3712	476019.83, 3849482.25	72.0196	22.9554	1.2489404	0.3980846	1.704597	0.5433197	1.7879148	0.5698762
3713	476019.83, 3849507.25	70.2164	21.6124	1.2176695	0.374795	1.6619175	0.5115331	1.7431492	0.536536
3714	476044.83, 3849257.25	139.337	59.9405	2.4163433	1.0394683	3.2979089	1.4187023	3.4591051	1.4880461
3715	476044.83, 3849282.25	121.022	54.421	2.0987205	0.9437508	2.8644063	1.2880638	3.0044136	1.3510221
3716	476044.83, 3849307.25	112.565	49.998	1.9520635	0.867048	2.6642437	1.183377	2.7944674	1.2412185
3717	476044.83, 3849332.25	105.003	45.7913	1.8209279	0.7940978	2.4852653	1.0838122	2.6067409	1.1367871
3718	476044.83, 3849357.25	99.5991	41.3196	1.7272146	0.7165513	2.3573622	0.977974	2.472586	1.0257757
3719	476044.83, 3849382.25	93.7435	37.0052	1.6256677	0.641731	2.2187675	0.8758567	2.3272171	0.9186671
3720	476044.83, 3849407.25	87.3559	33.1415	1.5148968	0.574728	2.0675835	0.7844087	2.1686435	0.8227493
3721	476044.83, 3849432.25	79.0241	29.5578	1.3704085	0.5125807	1.8703809	0.6995879	1.9618019	0.7337826
3722	476044.83, 3849457.25	75.2958	26.0333	1.3057548	0.4514612	1.7821392	0.6161699	1.8692472	0.6462873
3723	476044.83, 3849482.25	71.679	22.772	1.2430333	0.3949035	1.6965348	0.5389779	1.7794585	0.5653223
3724	476044.83, 3849507.25	69.3696	21.0209	1.2029846	0.3645369	1.641875	0.4975325	1.722127	0.521851
3725	476069.83, 3849257.25	145.925	61.1563	2.5305781	1.0605523	3.4538204	1.4474785	3.6226373	1.5182287
3726	476069.83, 3849282.25	122.217	55.1768	2.1194411	0.956857	2.8926864	1.3059515	3.034076	1.3697842
3727	476069.83, 3849307.25	112.298	50.0616	1.9474327	0.8681512	2.6579235	1.1848828	2.7878383	1.2427979
3728	476069.83, 3849332.25	104.979	45.6393	1.8205053	0.7914614	2.4846885	1.0802139	2.6061359	1.1330129
3729	476069.83, 3849357.25	99.2296	41.2682	1.7208063	0.7156596	2.348616	0.9767569	2.4634123	1.0244992
3730	476069.83, 3849382.25	94.2207	37.1967	1.6339428	0.6450532	2.2300616	0.8803909	2.3390632	0.9234229
3731	476069.83, 3849407.25	88.5376	33.5979	1.5353896	0.5826428	2.0955528	0.795211	2.1979799	0.8340796
3732	476069.83, 3849432.25	81.6564	30.2877	1.4160585	0.5252396	1.9326856	0.7168652	2.027152	0.7519043
3733	476069.83, 3849457.25	74.8696	26.8693	1.2983634	0.4659575	1.7720513	0.6359549	1.8586661	0.6670393
3734	476069.83, 3849482.25	72.0259	23.5245	1.2490487	0.4079541	1.7047449	0.5567899	1.7880699	0.5840048
3735	476069.83, 3849507.25	68.6212	20.6379	1.1900059	0.357895	1.6241612	0.4884675	1.7035475	0.5123429
3736	476094.83, 3849257.25	154.752	62.871	2.6836599	1.0902879	3.6627518	1.4880626	3.8417808	1.5607966
3737	476094.83, 3849282.25	125.419	56.817	2.1749779	0.9853011	2.968485	1.344773	3.1135795	1.4105032
3738	476094.83, 3849307.25	113.243	50.6523	1.9638246	0.8783958	2.6802957	1.198865	2.811304	1.2574635
3739	476094.83, 3849332.25	105.047	45.4346	1.8216817	0.7879121	2.4862942	1.0753696	2.60782	1.1279319
3740	476094.83, 3849357.25	98.4751	40.9153	1.7077213	0.7095388	2.3307571	0.9684031	2.4446806	1.015737
3741	476094.83, 3849382.25	93.9814	37.1037	1.6297938	0.6434402	2.2243989	0.8781895	2.3331238	0.9211139
3742	476094.83, 3849407.25	88.8098	33.8304	1.5401095	0.5866759	2.1019947	0.8007156	2.2047366	0.8398532
3743	476094.83, 3849432.25	83.2544	30.7664	1.4437696	0.5335411	1.9705067	0.7281953	2.0668217	0.7637882
3744	476094.83, 3849457.25	75.6644	27.4268	1.3121459	0.4756267	1.790862	0.6491517	1.8783963	0.6808812
3745	476094.83, 3849482.25	71.7556	24.0178	1.2443615	0.4165079	1.6983475	0.5684644	1.7813599	0.59625
3746	476094.83, 3849507.25	68.8486	20.7874	1.1939496	0.3604881	1.6295437	0.4920066	1.709193	0.5160551
3747	476119.83, 3849257.25	163.159	64.0048	2.8294507	1.1099488	3.8617322	1.5148965	4.050487	1.5889421

3748	476119.83, 3849282.25	129.347	58.0534	2.2431005	1.006743	3.0614611	1.3740377	3.2111001	1.4411983
3749	476119.83, 3849307.25	114.829	51.2191	1.9913231	0.8882237	2.7178266	1.2122784	2.8506693	1.2715325
3750	476119.83, 3849332.25	105.971	45.5342	1.8377212	0.7896388	2.5081854	1.0777263	2.6307813	1.1304037
3751	476119.83, 3849357.25	98.6936	40.6267	1.7115112	0.7045344	2.3359296	0.9615729	2.4501059	1.0085729
3752	476119.83, 3849382.25	93.3462	36.9203	1.6187779	0.6402596	2.209364	0.8738484	2.3173539	0.9165606
3753	476119.83, 3849407.25	88.7017	33.9197	1.5382355	0.5882235	2.0994371	0.8028278	2.202054	0.8420686
3754	476119.83, 3849432.25	83.9519	30.9415	1.4558654	0.5365769	1.9870155	0.7323387	2.0841374	0.7681342
3755	476119.83, 3849457.25	77.7126	27.6382	1.3476664	0.4792927	1.8393418	0.6541553	1.9292456	0.6861293
3756	476119.83, 3849482.25	70.9885	24.1698	1.2310578	0.4191449	1.6801903	0.5720634	1.7623151	0.6000249
3757	476119.83, 3849507.25	68.8564	20.8899	1.1940849	0.3622647	1.6297283	0.4944315	1.7093866	0.5185984
3758	476144.83, 3849257.25	171.225	65.011	2.9693319	1.1273987	4.0526468	1.5387127	4.2507333	1.6139224
3759	476144.83, 3849282.25	135.243	58.6856	2.3453325	1.0177063	3.2009909	1.3890007	3.3574499	1.4568927
3760	476144.83, 3849307.25	116.434	51.3346	2.0191537	0.890227	2.7558108	1.2150126	2.8905101	1.2744003
3761	476144.83, 3849332.25	106.598	45.23	1.8485908	0.7843627	2.5230206	1.0705254	2.6463416	1.1228508
3762	476144.83, 3849357.25	98.9331	40.3107	1.7156644	0.6990549	2.341598	0.9540943	2.4560513	1.0007289
3763	476144.83, 3849382.25	92.644	36.7876	1.6066012	0.6379577	2.1927449	0.8707067	2.2999225	0.9132653
3764	476144.83, 3849407.25	88.3027	33.8403	1.5313161	0.5868466	2.0899931	0.8009485	2.1921484	0.8400975
3765	476144.83, 3849432.25	84.0502	30.8077	1.4575694	0.5342564	1.9893411	0.7291716	2.0865767	0.7648123
3766	476144.83, 3849457.25	79.0137	27.4508	1.3702292	0.4760417	1.8701361	0.6497181	1.9615452	0.6814752
3767	476144.83, 3849482.25	72.5198	23.9425	1.2576133	0.4152021	1.7164341	0.5666822	1.8003304	0.5943806
3768	476144.83, 3849507.25	68.4207	20.9461	1.1865284	0.3632406	1.619415	0.4957633	1.6985692	0.5199953
3769	476144.83, 3849532.25	66.1304	19.7307	1.1468118	0.3421633	1.5652084	0.4669963	1.6417132	0.4898223
3770	476169.83, 3849257.25	183.79	70.6049	3.1872245	1.2244069	4.3500342	1.6711129	4.5626564	1.7527941
3771	476169.83, 3849282.25	141.534	58.6646	2.4544296	1.0173412	3.3498904	1.3885025	3.5136273	1.4563701
3772	476169.83, 3849307.25	118.25	51.3422	2.0506448	0.8903597	2.7987909	1.2151937	2.935591	1.2745903
3773	476169.83, 3849332.25	107.432	44.8926	1.8630494	0.7785124	2.5427542	1.0625406	2.6670397	1.1144758
3774	476169.83, 3849357.25	99.0725	40.0493	1.7180826	0.6945217	2.3448986	0.9479072	2.4595132	0.9942393
3775	476169.83, 3849382.25	92.3155	36.6156	1.600905	0.6349749	2.1849705	0.8666357	2.2917682	0.9089954
3776	476169.83, 3849407.25	87.7432	33.5348	1.5216125	0.5815499	2.0767494	0.7937194	2.1782573	0.8325151
3777	476169.83, 3849432.25	83.8072	30.3157	1.453357	0.5257252	1.9835918	0.7175279	2.0805464	0.7525995
3778	476169.83, 3849457.25	79.8377	26.8796	1.3845177	0.4661365	1.8896376	0.6361991	1.9819998	0.6672955
3779	476169.83, 3849482.25	74.4225	23.3686	1.2906091	0.4052499	1.7614679	0.553099	1.8475654	0.5801336
3780	476169.83, 3849507.25	67.6148	20.9246	1.1725531	0.3628674	1.600341	0.4952539	1.678563	0.5194611
3781	476169.83, 3849532.25	65.9563	19.6478	1.1437914	0.3407252	1.5610861	0.4650335	1.6373893	0.4877636
3782	476194.83, 3849282.25	147.387	58.5957	2.5559338	1.0161464	3.4884269	1.3868717	3.6589352	1.4546596
3783	476194.83, 3849307.25	119.744	51.3193	2.076553	0.8899622	2.8341514	1.2146512	2.9726799	1.2740213
3784	476194.83, 3849332.25	108.55	44.7144	1.8824369	0.7754224	2.5692149	1.0583233	2.6947938	1.1100524
3785	476194.83, 3849357.25	99.4354	39.9417	1.7243747	0.6926547	2.3534862	0.945359	2.4685206	0.9915666
3786	476194.83, 3849382.25	92.3974	36.2827	1.6023251	0.6292029	2.1869087	0.8587579	2.2938011	0.9007325
3787	476194.83, 3849407.25	86.9666	32.7868	1.508145	0.5685778	2.0583684	0.7760147	2.158978	0.8139449
3788	476194.83, 3849432.25	83.4214	29.3199	1.4466665	0.5084557	1.9744605	0.6939579	2.0709688	0.7278773
3789	476194.83, 3849457.25	80.0416	25.8134	1.3880536	0.447648	1.8944636	0.6109654	1.9870617	0.6408284
3790	476194.83, 3849482.25	75.6464	22.5192	1.3118349	0.3905195	1.7904377	0.5329945	1.8779512	0.5590464
3791	476194.83, 3849507.25	69.8847	20.7939	1.2119168	0.3605999	1.6540659	0.4921593	1.7349138	0.5162152
3792	476194.83, 3849532.25	65.4569	19.4572	1.1351307	0.3374209	1.5492656	0.4605237	1.624991	0.4830333
3793	476219.83, 3849282.25	153.266	59.2527	2.6578929	1.0275407	3.6275842	1.4024231	3.8048943	1.4709712
3794	476219.83, 3849307.25	122.584	51.3151	2.1258185	0.8898897	2.9013905	1.2145522	3.0432055	1.2739175
3795	476219.83, 3849332.25	109.603	44.5947	1.9006912	0.7733468	2.5941291	1.0554904	2.7209257	1.107081
3796	476219.83, 3849357.25	100.284	39.8678	1.7390943	0.6913735	2.3735761	0.9436104	2.4895924	0.9897325
3797	476219.83, 3849382.25	92.7683	35.6932	1.608757	0.6189791	2.1956871	0.8448041	2.3030086	0.8860967
3798	476219.83, 3849407.25	86.6295	31.5741	1.5023003	0.5475474	2.0503914	0.7473116	2.1506111	0.783839
3799	476219.83, 3849432.25	83.0162	27.8146	1.4396392	0.4823518	1.9648693	0.6583304	2.0609088	0.6905084
3800	476219.83, 3849457.25	79.8853	24.6156	1.3853443	0.4268761	1.8907658	0.5826153	1.9831832	0.6110926
3801	476219.83, 3849482.25	76.3496	21.9667	1.3240285	0.3809384	1.8070799	0.5199179	1.8954069	0.5453306
3802	476219.83, 3849507.25	71.5512	20.5149	1.2408172	0.3557618	1.6935102	0.485556	1.7762861	0.5092891
3803	476219.83, 3849532.25	65.4529	19.1585	1.1350629	0.3322408	1.549173	0.4534537	1.624894	0.4756177

3804	476244.83, 3849282.25	160.359	60.5771	2.7808946	1.0505079	3.7954611	1.4337694	3.9809767	1.5038496
3805	476244.83, 3849307.25	127.619	51.4164	2.2131228	0.8916457	3.0205465	1.2169489	3.1681857	1.2764313
3806	476244.83, 3849332.25	110.509	44.489	1.9164023	0.7715138	2.615572	1.0529887	2.7434168	1.104457
3807	476244.83, 3849357.25	101.109	39.3979	1.7533941	0.6832244	2.3930929	0.9324883	2.5100632	0.9780668
3808	476244.83, 3849382.25	93.3625	34.4077	1.6190609	0.5966871	2.2097503	0.8143792	2.3177591	0.8541846
3809	476244.83, 3849407.25	87.2374	30.8088	1.5128409	0.5342755	2.0647776	0.7291977	2.1657004	0.7648396
3810	476244.83, 3849432.25	82.4849	27.9502	1.4304249	0.4847033	1.9522933	0.6615398	2.0477181	0.6938748
3811	476244.83, 3849457.25	79.5378	25.3013	1.3793183	0.4387661	1.8825413	0.5988432	1.9745567	0.6281136
3812	476244.83, 3849482.25	76.6895	22.6449	1.329923	0.3927006	1.8151249	0.5359713	1.9038451	0.5621687
3813	476244.83, 3849507.25	72.74	20.3434	1.2614329	0.3527875	1.7216473	0.4814966	1.8057985	0.5050313
3814	476244.83, 3849532.25	67.5428	19.0615	1.1713049	0.3305574	1.5986374	0.4511562	1.676776	0.4732079
3815	476269.83, 3849282.25	168.952	62.1712	2.9299056	1.078152	3.9988364	1.4714992	4.1942928	1.5434235
3816	476269.83, 3849307.25	132.912	51.5623	2.3049126	0.8941766	3.1458244	1.2204031	3.2995869	1.2800543
3817	476269.83, 3849332.25	111.523	44.2037	1.9339897	0.766565	2.6395759	1.0462344	2.7685939	1.0973726
3818	476269.83, 3849357.25	101.92	37.9174	1.7674623	0.6575511	2.4122937	0.8974485	2.5302025	0.9413143
3819	476269.83, 3849382.25	93.9874	34.1986	1.6298972	0.5930597	2.22454	0.8094284	2.3332717	0.8489919
3820	476269.83, 3849407.25	87.4469	31.1974	1.5164744	0.5410141	2.0697366	0.7383948	2.1709018	0.7744862
3821	476269.83, 3849432.25	81.9723	28.4244	1.4215352	0.4929267	1.9401603	0.6727634	2.0349921	0.705647
3822	476269.83, 3849457.25	79.1608	25.9085	1.3727801	0.4492963	1.8736178	0.6132151	1.965197	0.6431881
3823	476269.83, 3849482.25	76.6417	23.3261	1.3290939	0.4045141	1.8139933	0.5520948	1.9026582	0.5790802
3824	476269.83, 3849507.25	73.4062	20.7593	1.2729849	0.3600013	1.7374138	0.4913422	1.8223357	0.5153582
3825	476269.83, 3849532.25	69.0801	19.2458	1.1979642	0.3337544	1.6350229	0.4555195	1.7149401	0.4777845
3826	476294.83, 3849282.25	180.804	66.3554	3.1354477	1.1507125	4.2793674	1.5705322	4.4885355	1.6472971
3827	476294.83, 3849307.25	137.121	50.8596	2.3779007	0.8819906	3.2454411	1.2037712	3.4040727	1.2626095
3828	476294.83, 3849332.25	111.457	42.2041	1.9328427	0.7318898	2.6380105	0.9989085	2.766952	1.0477335
3829	476294.83, 3849357.25	101.712	37.6764	1.7638483	0.6533716	2.4073612	0.8917442	2.5250289	0.9353311
3830	476294.83, 3849382.25	93.9929	34.3545	1.6299924	0.5957644	2.2246699	0.8131198	2.333408	0.8528637
3831	476294.83, 3849407.25	87.472	31.4535	1.5169091	0.5454555	2.07033	0.7444565	2.1715242	0.7808443
3832	476294.83, 3849432.25	82.2319	28.7802	1.4260378	0.4990958	1.9463056	0.6811833	2.0414377	0.7144783
3833	476294.83, 3849457.25	78.7482	26.3213	1.3656239	0.4564543	1.8638507	0.6229846	1.9549526	0.653435
3834	476294.83, 3849482.25	76.4201	23.8274	1.325252	0.4132061	1.8087497	0.5639579	1.8971583	0.5915232
3835	476294.83, 3849507.25	73.798	21.3145	1.2797799	0.3696287	1.7466879	0.504482	1.832063	0.5291403
3836	476294.83, 3849532.25	70.2023	19.4463	1.2174243	0.3372303	1.6615828	0.4602636	1.7427981	0.4827605
3837	476319.83, 3849282.25	196.059	73.0196	3.3999973	1.266281	4.6404339	1.7282641	4.8672504	1.8127387
3838	476319.83, 3849307.25	142.559	50.1874	2.4722036	0.870333	3.3741489	1.1878606	3.5390716	1.2459212
3839	476319.83, 3849332.25	114.727	42.5707	1.9895541	0.7382459	2.7154122	1.0075835	2.8481369	1.0568325
3840	476319.83, 3849357.25	102.334	38.0325	1.7746402	0.6595463	2.4220903	0.9001716	2.540478	0.9441704
3841	476319.83, 3849382.25	93.8204	34.342	1.6270023	0.5955469	2.220589	0.812823	2.3291276	0.8525524
3842	476319.83, 3849407.25	86.9597	31.2197	1.5080255	0.5414007	2.0582053	0.7389223	2.1588069	0.7750396
3843	476319.83, 3849432.25	82.4262	28.8445	1.4294081	0.500212	1.9509056	0.6827066	2.0462625	0.7160761
3844	476319.83, 3849457.25	78.2112	26.3804	1.3563114	0.4574804	1.8511407	0.624385	1.9416213	0.6549039
3845	476319.83, 3849482.25	75.914	23.9521	1.3164752	0.4153684	1.7967709	0.5669091	1.884594	0.5946187
3846	476319.83, 3849507.25	73.7375	21.5223	1.2787307	0.3732328	1.7452559	0.5094011	1.830561	0.5342997
3847	476319.83, 3849532.25	70.7788	19.5876	1.2274225	0.339681	1.6752286	0.4636084	1.7571109	0.4862688
3848	476319.83, 3849557.25	66.8518	18.4426	1.1593209	0.3198248	1.5822812	0.436508	1.6596204	0.4578438
3849	476344.83, 3849307.25	148.679	51.9966	2.5783431	0.9017075	3.5190118	1.2306816	3.6910151	1.2908352
3850	476344.83, 3849332.25	118.499	43.6383	2.0549632	0.7567614	2.8046848	1.0328541	2.941773	1.0833383
3851	476344.83, 3849357.25	103.05	37.9547	1.7870553	0.6581983	2.4390348	0.8983318	2.5582507	0.9422408
3852	476344.83, 3849382.25	93.9006	33.8336	1.6283924	0.5867302	2.2224863	0.8007897	2.3311176	0.8399309
3853	476344.83, 3849407.25	86.7905	30.5584	1.5050909	0.5299335	2.0542002	0.7232715	2.154606	0.7586238
3854	476344.83, 3849432.25	82.531	28.3923	1.4312252	0.4923688	1.9533856	0.672002	2.0488638	0.7048483
3855	476344.83, 3849457.25	78.3535	26.0959	1.3587793	0.4525468	1.854509	0.6176516	1.9451542	0.6478413
3856	476344.83, 3849482.25	75.3289	23.834	1.3063284	0.413321	1.7829222	0.5641148	1.8700684	0.5916878
3857	476344.83, 3849507.25	73.4665	21.5696	1.2740318	0.3740519	1.7388427	0.5105189	1.8238344	0.5354722
3858	476344.83, 3849532.25	71.0276	19.7266	1.2317362	0.3420915	1.6811162	0.4668984	1.7632863	0.4897196
3859	476344.83, 3849557.25	67.7827	18.5903	1.1754639	0.3223862	1.6043138	0.4400038	1.6827299	0.4615105

3860	476369.83, 3849307.25	162.043	57.2318	2.8100974	0.9924939	3.8353181	1.35459	4.0227819	1.4208001
3861	476369.83, 3849332.25	123.095	45.0263	2.1346806	0.7808311	2.9134858	1.0657053	3.055892	1.1177952
3862	476369.83, 3849357.25	103.549	38.5469	1.7957119	0.6684679	2.4508497	0.9123481	2.570643	0.9569421
3863	476369.83, 3849382.25	94.9357	33.7383	1.6463435	0.5850782	2.2469865	0.798535	2.3568154	0.837566
3864	476369.83, 3849407.25	88.1499	30.2425	1.5286656	0.5244558	2.0863756	0.7157954	2.1883541	0.7507822
3865	476369.83, 3849432.25	82.7867	27.8976	1.4356586	0.4837915	1.9594364	0.6602953	2.0552104	0.6925695
3866	476369.83, 3849457.25	78.4815	25.846	1.3609992	0.4482132	1.8575388	0.6117368	1.9483321	0.6416375
3867	476369.83, 3849482.25	74.7942	23.7843	1.2970558	0.4124597	1.7702667	0.5629392	1.8567943	0.5904547
3868	476369.83, 3849507.25	73.0164	21.7074	1.2662262	0.3764417	1.7281893	0.5137807	1.8126602	0.5388934
3869	476369.83, 3849532.25	71.0302	19.8731	1.2317811	0.3446324	1.6811775	0.4703663	1.7633506	0.493357
3870	476369.83, 3849557.25	68.3496	18.7335	1.1852958	0.3248694	1.6177326	0.4433929	1.6968046	0.4650652
3871	476394.83, 3849307.25	174.24	59.5427	3.0216029	1.0325698	4.1239881	1.409287	4.3255617	1.4781705
3872	476394.83, 3849332.25	128.426	46.5841	2.227112	0.8078456	3.0396394	1.1025756	3.1882118	1.1564676
3873	476394.83, 3849357.25	105.007	39.5813	1.8209888	0.6864059	2.4853484	0.9368305	2.606828	0.9826212
3874	476394.83, 3849382.25	95.9401	34.669	1.6637601	0.6012185	2.2707572	0.8205638	2.381748	0.8606715
3875	476394.83, 3849407.25	89.0208	30.6613	1.5437681	0.5317171	2.106988	0.7257058	2.209974	0.7611771
3876	476394.83, 3849432.25	82.9826	27.8295	1.439057	0.4826095	1.9640748	0.6586821	2.0600754	0.6908774
3877	476394.83, 3849457.25	78.5965	25.9071	1.3629939	0.449272	1.8602612	0.613182	1.9511876	0.6431533
3878	476394.83, 3849482.25	74.8906	24.0018	1.2987278	0.4162313	1.7725485	0.5680869	1.8591877	0.595854
3879	476394.83, 3849507.25	72.5434	22.0451	1.2580224	0.382298	1.7169924	0.5217735	1.8009161	0.5472769
3880	476394.83, 3849532.25	70.8261	20.0582	1.2282429	0.3478431	1.6763484	0.4747483	1.7582854	0.4979531
3881	476394.83, 3849557.25	68.6049	18.8723	1.1897224	0.3272766	1.6237742	0.4466784	1.7031416	0.4685112

					2028			2033			2048		
	PM10			Rate (g/s):	-1.27E-04	-1.27E-04	-1.27E-04	-5.91E-05	-5.91E-05	-5.91E-05	-1.17E-04	-1.17E-04	-1.17E-04
	Concentration [µg/m^3] at 1 g/s												
	Period	24hr (1st)	24hr (8th)		Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)
#	X, Y	Main (SLINE1)			[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	473243.71, 3847205.61	0.12774	1.9878	1.26818	-1.616E-05	-0.0002515	-0.0001604	-7.554E-06	-0.0001175	-7.499E-05	-1.492E-05	-0.0002321	-0.0001481
2	473268.71, 3847230.61	0.14396	2.14143	1.40818	-1.821E-05	-0.0002709	-0.0001782	-8.513E-06	-0.0001266	-8.327E-05	-1.681E-05	-0.0002501	-0.0001645
3	473268.71, 3847255.61	0.15153	2.18947	1.50512	-1.917E-05	-0.000277	-0.0001904	-8.961E-06	-0.0001295	-8.9E-05	-1.77E-05	-0.0002557	-0.0001758
4	473268.71, 3847280.61	0.16577	2.25636	1.59761	-2.097E-05	-0.0002855	-0.0002021	-9.803E-06	-0.0001334	-9.447E-05	-1.936E-05	-0.0002635	-0.0001866
5	473268.71, 3847305.61	0.18017	2.29154	1.66756	-2.279E-05	-0.0002899	-0.000211	-1.065E-05	-0.0001355	-9.861E-05	-2.104E-05	-0.0002676	-0.0001947
6	473268.71, 3847330.61	0.20893	2.43152	1.90947	-2.643E-05	-0.0003076	-0.0002416	-1.235E-05	-0.0001438	-0.0001129	-2.44E-05	-0.000284	-0.000223
7	473268.71, 3847355.61	0.23991	2.54798	2.13056	-3.035E-05	-0.0003224	-0.0002695	-1.419E-05	-0.0001507	-0.000126	-2.802E-05	-0.0002976	-0.0002488
8	473268.71, 3847380.61	0.33375	3.6032	2.94861	-4.222E-05	-0.0004559	-0.000373	-1.974E-05	-0.0002131	-0.0001744	-3.898E-05	-0.0004208	-0.0003443
9	473268.71, 3847405.61	0.55634	6.72847	5.16705	-7.038E-05	-0.0008512	-0.0006537	-3.29E-05	-0.0003979	-0.0003055	-6.497E-05	-0.0007858	-0.0006034
10	473268.71, 3847430.61	0.81805	9.86445	7.05491	-0.0001035	-0.001248	-0.0008925	-4.837E-05	-0.0005833	-0.0004172	-9.553E-05	-0.001152	-0.0008239
11	473268.71, 3847455.61	1.28365	14.1935	10.0045	-0.0001624	-0.0017957	-0.0012657	-7.591E-05	-0.0008393	-0.0005916	-0.0001499	-0.0016576	-0.0011684
12	473268.71, 3847480.61	2.56416	21.2147	15.1526	-0.0003244	-0.0026839	-0.001917	-0.0001516	-0.0012545	-0.000896	-0.0002994	-0.0024775	-0.0017696
13	473293.71, 3847255.61	0.15267	2.22027	1.48055	-1.931E-05	-0.0002809	-0.0001873	-9.028E-06	-0.0001313	-8.755E-05	-1.783E-05	-0.0002593	-0.0001729
14	473293.71, 3847280.61	0.16885	2.32679	1.6069	-2.136E-05	-0.0002944	-0.0002033	-9.985E-06	-0.0001376	-9.502E-05	-1.972E-05	-0.0002717	-0.0001877
15	473293.71, 3847305.61	0.18808	2.41166	1.77142	-2.379E-05	-0.0003051	-0.0002241	-1.112E-05	-0.0001426	-0.0001048	-2.196E-05	-0.0002816	-0.0002069
16	473293.71, 3847330.61	0.21938	2.56292	2.14807	-2.775E-05	-0.0003242	-0.0002718	-1.297E-05	-0.0001516	-0.000127	-2.562E-05	-0.0002993	-0.0002509
17	473293.71, 3847355.61	0.24427	2.60387	2.0857	-3.09E-05	-0.0003294	-0.0002639	-1.444E-05	-0.000154	-0.0001233	-2.853E-05	-0.0003041	-0.0002436
18	473293.71, 3847380.61	0.316	3.29267	2.78145	-3.998E-05	-0.0004166	-0.0003519	-1.869E-05	-0.0001947	-0.0001645	-3.69E-05	-0.0003845	-0.0003248
19	473293.71, 3847405.61	0.51962	6.02377	4.67282	-6.574E-05	-0.0007621	-0.0005912	-3.073E-05	-0.0003562	-0.0002763	-6.068E-05	-0.0007035	-0.0005457
20	473293.71, 3847430.61	0.79481	9.50002	6.59095	-0.0001006	-0.0012019	-0.0008338	-4.7E-05	-0.0005618	-0.0003897	-9.282E-05	-0.0011094	-0.0007697
21	473293.71, 3847455.61	1.23515	12.987	8.84861	-0.0001563	-0.001643	-0.0011195	-7.304E-05	-0.000768	-0.0005233	-0.0001442	-0.0015167	-0.0010334
22	473293.71, 3847480.61	2.47779	17.5535	13.3591	-0.0003135	-0.0022208	-0.0016901	-0.0001465	-0.001038	-0.00079	-0.0002894	-0.0020499	-0.0015601
23	473318.71, 3847255.61	0.15439	2.20817	1.40213	-1.953E-05	-0.0002794	-0.0001774	-9.13E-06	-0.0001306	-8.291E-05	-1.803E-05	-0.0002579	-0.0001637
24	473318.71, 3847280.61	0.16324	2.2542	1.56956	-2.065E-05	-0.0002852	-0.0001986	-9.653E-06	-0.0001333	-9.281E-05	-1.906E-05	-0.0002633	-0.0001833
25	473318.71, 3847305.61	0.18724	2.40684	1.7616	-2.369E-05	-0.0003045	-0.0002229	-1.107E-05	-0.0001423	-0.0001042	-2.187E-05	-0.0002811	-0.0002057
26	473318.71, 3847330.61	0.22236	2.60437	2.07396	-2.813E-05	-0.0003295	-0.0002624	-1.315E-05	-0.000154	-0.0001226	-2.597E-05	-0.0003041	-0.0002422
27	473318.71, 3847355.61	0.25521	2.80929	2.34391	-3.229E-05	-0.0003554	-0.0002965	-1.509E-05	-0.0001661	-0.0001386	-2.98E-05	-0.0003281	-0.0002737
28	473318.71, 3847380.61	0.30227	3.11494	2.58055	-3.824E-05	-0.0003941	-0.0003265	-1.787E-05	-0.0001842	-0.0001526	-3.53E-05	-0.0003638	-0.0003014
29	473318.71, 3847405.61	0.48849	5.56188	4.28235	-6.18E-05	-0.0007037	-0.0005418	-2.889E-05	-0.0003289	-0.0002532	-5.705E-05	-0.0006495	-0.0005001
30	473318.71, 3847430.61	0.74219	8.45343	5.79038	-9.39E-05	-0.0010695	-0.0007326	-4.389E-05	-0.0004999	-0.0003424	-8.667E-05	-0.0009872	-0.0006762
31	473318.71, 3847455.61	1.19634	11.4049	7.72074	-0.0001514	-0.0014429	-0.0009768	-7.074E-05	-0.0006744	-0.0004566	-0.0001397	-0.0013319	-0.0009016
32	473318.71, 3847480.61	2.4191	15.1873	11.2506	-0.000306	-0.0019214	-0.0014234	-0.0001431	-0.0008981	-0.0006653	-0.0002825	-0.0017736	-0.0013139
33	473318.71, 3847505.61	6.21297	23.8751	18.8822	-0.000786	-0.0030205	-0.0023889	-0.0003674	-0.0014118	-0.0011166	-0.0007256	-0.0027882	-0.0022051
34	473343.71, 3847280.61	0.16946	2.27657	1.50402	-2.144E-05	-0.000288	-0.0001903	-1.002E-05	-0.0001346	-8.894E-05	-1.979E-05	-0.0002659	-0.0001756
35	473343.71, 3847305.61	0.18375	2.34964	1.7013	-2.325E-05	-0.0002973	-0.0002152	-1.087E-05	-0.0001389	-0.0001006	-2.146E-05	-0.0002744	-0.0001987
36	473343.71, 3847330.61	0.20777	2.46319	1.86029	-2.629E-05	-0.0003116	-0.0002354	-1.229E-05	-0.0001457	-0.00011	-2.426E-05	-0.0002877	-0.0002172
37	473343.71, 3847355.61	0.25806	2.73125	2.25497	-3.265E-05	-0.0003455	-0.0002853	-1.526E-05	-0.0001615	-0.0001333	-3.014E-05	-0.000319	-0.0002633
38	473343.71, 3847380.61	0.33015	3.46506	2.85539	-4.177E-05	-0.0004384	-0.0003612	-1.952E-05	-0.0002049	-0.0001689	-3.856E-05	-0.0004047	-0.0003335
39	473343.71, 3847405.61	0.48138	5.46042	3.97496	-6.09E-05	-0.0006908	-0.0005029	-2.847E-05	-0.0003229	-0.0002351	-5.622E-05	-0.0006377	-0.0004642
40	473343.71, 3847430.61	0.67757	6.93249	4.90543	-8.572E-05	-0.0008771	-0.0006206	-4.007E-05	-0.0004099	-0.0002901	-7.913E-05	-0.0008096	-0.0005729
41	473343.71, 3847455.61	1.21488	10.4493	6.95793	-0.0001537	-0.001322	-0.0008803	-7.184E-05	-0.0006179	-0.0004115	-0.0001419	-0.0012203	-0.0008126
42	473343.71, 3847480.61	2.61635	15.2058	10.652	-0.000331	-0.0019237	-0.0013476	-0.0001547	-0.0008992	-0.0006299	-0.0003055	-0.0017758	-0.001244
43	473343.71, 3847505.61	5.65712	22.4607	17.1609	-0.0007157	-0.0028416	-0.0021711	-0.0003345	-0.0013282	-0.0010148	-0.0006607	-0.002623	-0.0020041
44	473343.71, 3847530.61	9.93638	33.5041	27.6949	-0.0012571	-0.0042387	-0.0035038	-0.0005876	-0.0019812	-0.0016377	-0.0011604	-0.0039127	-0.0032343
45	473368.71, 3847280.61	0.17853	2.62555	1.55625	-2.259E-05	-0.0003322	-0.0001969	-1.056E-05	-0.0001553	-9.203E-05	-2.085E-05	-0.0003066	-0.0001817
46	473368.71, 3847305.61	0.18894	2.3575	1.6132	-2.39E-05	-0.0002983	-0.0002041	-1.117E-05	-0.0001394	-9.54E-05	-2.206E-05	-0.0002753	-0.0001884
47	473368.71, 3847330.61	0.21783	2.53099	1.92474	-2.756E-05	-0.0003202	-0.0002435	-1.288E-05	-0.0001497	-0.0001138	-2.544E-05	-0.0002956	-0.0002248
48	473368.71, 3847355.61	0.26463	3.0053	2.20528	-3.348E-05	-0.0003802	-0.000279	-1.565E-05	-0.0001777	-0.0001304	-3.09E-05	-0.000351	-0.0002575
49	473368.71, 3847380.61	0.32738	3.50303	2.63786	-4.142E-05	-0.0004432	-0.0003337	-1.936E-05	-0.0002071	-0.000156	-3.823E-05	-0.0004091	-0.0003081
50	473368.71, 3847405.61	0.45485	4.80927	3.51064	-5.754E-05	-0.0006084	-0.0004441	-2.69E-05	-0.0002844	-0.0002076	-5.312E-05	-0.0005616	-0.00041
51	473368.71, 3847430.61	0.56479	4.6914	3.5065	-7.145E-05	-0.0005935	-0.0004436	-3.34E-05	-0.0002774	-0.0002074	-6.596E-05	-0.0005479	-0.0004095
52	473368.71, 3847455.61	1.07863	7.9696	5.60895	-0.0001365	-0.0010083	-0.0007096	-6.378E-05	-0.0004713	-0.0003317	-0.000126	-0.0009307	-0.000655
53	473368.71, 3847480.61	2.55591	14.3155	9.76111	-0.0003234	-0.0018111	-0.0012349	-0.0001511	-0.0008465	-0.0005772	-0.0002985	-0.0016718	-0.0011399
54	473368.71, 3847505.61	5.12431	20.9858	15.8148	-0.0006483	-0.002655	-0.0020008	-0.000303	-0.001241	-0.0009352	-0.0005984	-0.0024508	-0.0018469
55	473368.71, 3847530.61	8.27682	28.2173	23.1833	-0.0010471	-0.0035699	-0.002933	-0.0004894	-0.0016686	-0.0013709	-0.0009666	-0.0032953	-0.0027074
56	473393.71, 3847305.61	0.21034	3.28939	1.73465	-2.661E-05	-0.0004162	-0.0002195	-1.244E-05	-0.0001945	-0.0001026	-2.456E-05	-0.0003841	-0.0002026
57	473393.71, 3847330.61	0.24075	3.45989	2.08475	-3.046E-05	-0.0004377	-0.0002637	-1.424E-05	-0.0002046	-0.0001233	-2.812E-05	-0.0004041	-0.0002435
58	473393.71, 3847355.61	0.28147	3.64161	2.26927	-3.561E-05	-0.0004607	-0.0002871	-1.664E-05	-0.0002153	-0.0001342	-3.287E-05	-0.0004253	-0.000265
59	473393.71, 3847380.61	0.34353	3.96957	2.55366	-4.346E-05	-0.0005022	-0.0003231	-2.031E-05	-0.0002347	-0.000151	-4.012E-05	-0.0004636	-0.0002982
60	473393.71, 3847405.61	0.47987	5.2193	3.48532	-6.071E-05	-0.0006603	-0.0004409	-2.838E-05	-0.0003086	-0.0002061	-5.604E-05	-0.0006095	-0.000407
61	473393.71, 3847430.61	0.63033	5.26616	3.68942	-7.975E-05	-0.0006662	-0.0004668	-3.727E-05	-0.0003114	-0.0002182	-7.361E-05	-0.000615	-0.0004309
62	473393.71, 3847455.61	1.05413	7.16311	4.98515	-0.0001334	-0.0009062	-0.0006307	-6.234E-05	-0.0004236	-0.0002948	-0.0001231	-0.0008365	-0.0005822
63	473393.71, 3847480.61	2.18631	11.7535	8.33323	-0.0002766	-0.001487	-0.0010543	-0.0001293	-0.000695	-0.0004928	-0.0002553	-0.0013726	-0.0009732
64	473393.71, 3847505.61	4.37552	18.5705	13.9332	-0.0005536	-0.0023494	-0.0017627	-0.0002587	-0.0010981	-0.0008239	-0.000511	-0.0021687	-0.0016272
65	473393.71, 3847530.61	6.24264	21.8131	17.7944	-0.0007898	-0.0027597	-0.0022512	-0.0003692	-0.0012899	-0.0010523	-0.000729	-0.0025474	-0.0020781
66	473393.71, 3847555.61	10.042	33.8764	28.6182	-0.0012705	-0.0042858	-0.0036206	-0.0005938	-0.0020033	-0.0016923	-0.0011727	-0.0039562	-0.0033421
67	473418.71, 3847305.61	0.22686	4.08234	1.91643	-2.87E-05	-0.0005165	-0.0002425	-1.342E-05	-0.0002414	-0.0001133	-2.649E-05	-0.0004767	-0.0002238
68	473418.71, 3847330.61	0.2596	4.25875	2.11007	-3.284E-05	-0.0005388	-0.000267	-1.535E-05	-0.0002518	-0.0001248	-3.032E-05	-0.0004973	-0.0002464
69	473418.71, 3847355.61	0.30515	4.4731	2.38897	-3.861E-05	-0.0005659	-0.0003022	-1.804E-05	-0.0002645	-0.0001413	-3.564E-05	-0.0005224	-0.000279
70	473418.71, 3847380.61	0.37316	4.75983	2.65057	-4.721E-05	-0.0006022	-0.0003353	-2.207E-05	-0.0002815	-0.0001567	-4.358E-05	-0.0005559	-0.0003095
71	473418.71, 3847405.61	0.49067	5.30815	3.25448	-6.208E-05	-0.0006716	-0.0004117	-2.902E-05	-0.0003139	-0.0001925	-5.73E-05	-0.0006199	-0.0003801
72	473418.71, 3847430.61	0.75309	6.9373	4.24702	-9.528E-05	-0.0008777	-0.0005373	-4.453E-05	-0.0004102	-0.0002511	-8.795E-05	-0.0008102	-0.000496

73	473418.71, 3847455.61	1.19459	8.38234	5.45572	-0.0001511	-0.0010605	-0.0006902	-7.064E-05	-0.0004957	-0.0003226	-0.0001395	-0.0009789	-0.0006371
74	473418.71, 3847480.61	1.99379	10.478	7.29352	-0.0002522	-0.0013256	-0.0009227	-0.0001179	-0.0006196	-0.0004313	-0.0002328	-0.0012237	-0.0008518
75	473418.71, 3847505.61	3.32552	14.009	10.6165	-0.0004207	-0.0017723	-0.0013431	-0.0001967	-0.0008284	-0.0006278	-0.0003884	-0.001636	-0.0012398
76	473418.71, 3847530.61	5.0802	18.2098	14.8506	-0.0006427	-0.0023038	-0.0018788	-0.0003004	-0.0010768	-0.0008782	-0.0005933	-0.0021266	-0.0017343
77	473418.71, 3847555.61	8.319	28.529	24.1854	-0.0010525	-0.0036093	-0.0030598	-0.0004919	-0.001687	-0.0014302	-0.0009715	-0.0033317	-0.0028244
78	473443.71, 3847330.61	0.2797	5.03928	2.19637	-3.539E-05	-0.0006375	-0.0002779	-1.654E-05	-0.000298	-0.0001299	-3.266E-05	-0.0005885	-0.0002565
79	473443.71, 3847355.61	0.33264	5.36515	2.51804	-4.208E-05	-0.0006788	-0.0003186	-1.967E-05	-0.0003173	-0.0001489	-3.885E-05	-0.0006266	-0.0002941
80	473443.71, 3847380.61	0.41088	5.70022	2.87124	-5.198E-05	-0.0007212	-0.0003633	-2.43E-05	-0.0003371	-0.0001698	-4.798E-05	-0.0006657	-0.0003353
81	473443.71, 3847405.61	0.53201	6.02899	3.18412	-6.731E-05	-0.0007627	-0.0004028	-3.146E-05	-0.0003565	-0.0001883	-6.213E-05	-0.0007041	-0.0003719
82	473443.71, 3847430.61	0.75045	6.70814	3.96689	-9.494E-05	-0.0008487	-0.0005019	-4.438E-05	-0.0003967	-0.0002346	-8.764E-05	-0.0007834	-0.0004633
83	473443.71, 3847455.61	1.1119	7.43973	4.8856	-0.0001407	-0.0009412	-0.0006181	-6.575E-05	-0.0004399	-0.0002889	-0.0001299	-0.0008688	-0.0005706
84	473443.71, 3847480.61	1.78478	9.19664	6.26977	-0.0002258	-0.0011635	-0.0007932	-0.0001055	-0.0005438	-0.0003708	-0.0002084	-0.001074	-0.0007322
85	473443.71, 3847505.61	2.95586	12.6741	9.53821	-0.000374	-0.0016034	-0.0012067	-0.0001748	-0.0007495	-0.000564	-0.0003452	-0.0014801	-0.0011139
86	473443.71, 3847530.61	4.53905	17.0578	13.7215	-0.0005743	-0.0021581	-0.001736	-0.0002684	-0.0010087	-0.0008114	-0.0005301	-0.0019921	-0.0016024
87	473443.71, 3847555.61	7.3003	25.994	21.2552	-0.0009236	-0.0032886	-0.0026891	-0.0004317	-0.0015371	-0.0012569	-0.0008525	-0.0030356	-0.0024822
88	473443.71, 3847580.61	10.3831	34.1216	29.889	-0.0013136	-0.0043168	-0.0037814	-0.000614	-0.0020177	-0.0017675	-0.0012126	-0.0039848	-0.0034905
89	473468.71, 3847330.61	0.27313	4.8317	2.13883	-3.455E-05	-0.0006113	-0.0002706	-1.615E-05	-0.0002857	-0.0001265	-3.19E-05	-0.0005643	-0.0002498
90	473468.71, 3847355.61	0.33967	5.55521	2.41507	-4.297E-05	-0.0007028	-0.0003055	-2.009E-05	-0.0003285	-0.0001428	-3.967E-05	-0.0006488	-0.000282
91	473468.71, 3847380.61	0.44551	6.46456	2.96695	-5.636E-05	-0.0008179	-0.0003754	-2.634E-05	-0.0003823	-0.0001754	-5.203E-05	-0.0007549	-0.0003465
92	473468.71, 3847405.61	0.58224	6.89404	3.3548	-7.366E-05	-0.0008722	-0.0004244	-3.443E-05	-0.0004077	-0.0001984	-6.8E-05	-0.0008051	-0.0003918
93	473468.71, 3847430.61	0.81569	7.56816	4.10883	-0.0001032	-0.0009575	-0.0005198	-4.824E-05	-0.0004475	-0.000243	-9.526E-05	-0.0008838	-0.0004798
94	473468.71, 3847455.61	1.1764	8.19399	5.02598	-0.0001488	-0.0010367	-0.0006359	-6.957E-05	-0.0004845	-0.0002972	-0.0001374	-0.0009569	-0.0005869
95	473468.71, 3847480.61	1.77276	9.5013	6.28334	-0.0002243	-0.001202	-0.0007949	-0.0001048	-0.0005619	-0.0003716	-0.000207	-0.0011096	-0.0007338
96	473468.71, 3847505.61	2.73522	12.1174	9.04722	-0.000346	-0.001533	-0.0011446	-0.0001617	-0.0007166	-0.000535	-0.0003194	-0.0014151	-0.0010566
97	473468.71, 3847530.61	4.1395	16.2355	12.971	-0.0005237	-0.002054	-0.001641	-0.0002448	-0.0009601	-0.000767	-0.0004834	-0.001896	-0.0015148
98	473468.71, 3847555.61	6.0274	21.9233	17.6015	-0.0007625	-0.0027736	-0.0022268	-0.0003564	-0.0012964	-0.0010408	-0.0007039	-0.0025603	-0.0020555
99	473468.71, 3847580.61	8.63027	29.6898	25.2192	-0.0010918	-0.0037562	-0.0031906	-0.0005103	-0.0017557	-0.0014913	-0.0010079	-0.0034673	-0.0029452
100	473468.71, 3847605.61	12.0549	39.5765	33.5731	-0.0015251	-0.005007	-0.0042475	-0.0007129	-0.0023403	-0.0019853	-0.0014078	-0.0046218	-0.0039208
101	473493.71, 3847355.61	0.35215	5.79345	2.42869	-4.455E-05	-0.000733	-0.0003073	-2.082E-05	-0.0003426	-0.0001436	-4.113E-05	-0.0006766	-0.0002836
102	473493.71, 3847380.61	0.45648	6.59194	2.85089	-5.775E-05	-0.000834	-0.0003607	-2.699E-05	-0.0003898	-0.0001686	-5.331E-05	-0.0007698	-0.0003329
103	473493.71, 3847405.61	0.59933	7.11316	3.34296	-7.582E-05	-0.0008999	-0.0004229	-3.544E-05	-0.0004206	-0.0001977	-6.999E-05	-0.0008307	-0.0003904
104	473493.71, 3847430.61	0.84597	7.99014	4.11302	-0.000107	-0.0010109	-0.0005204	-5.003E-05	-0.0004725	-0.0002432	-9.879E-05	-0.0009331	-0.0004803
105	473493.71, 3847455.61	1.22319	8.87636	4.91664	-0.0001548	-0.001123	-0.000622	-7.233E-05	-0.0005249	-0.0002907	-0.0001428	-0.0010366	-0.0005742
106	473493.71, 3847480.61	1.78212	10.0846	6.46323	-0.0002255	-0.0012758	-0.0008177	-0.0001054	-0.0005963	-0.0003822	-0.0002081	-0.0011777	-0.0007548
107	473493.71, 3847505.61	2.57933	11.9881	8.83751	-0.0003263	-0.0015167	-0.0011181	-0.0001525	-0.0007089	-0.0005226	-0.0003012	-0.0014	-0.0010321
108	473493.71, 3847530.61	3.68949	14.833	11.8166	-0.0004668	-0.0018766	-0.001495	-0.0002182	-0.0008771	-0.0006988	-0.0004309	-0.0017322	-0.00138
109	473493.71, 3847555.61	5.09491	19.0247	15.2012	-0.0006446	-0.0024069	-0.0019232	-0.0003013	-0.001125	-0.0008989	-0.000595	-0.0022218	-0.0017752
110	473493.71, 3847580.61	7.19931	25.6975	21.167	-0.0009108	-0.0032511	-0.0026779	-0.0004257	-0.0015196	-0.0012517	-0.0008408	-0.003001	-0.0024719
111	473493.71, 3847605.61	10.1316	33.7702	29.1801	-0.0012818	-0.0042724	-0.0036917	-0.0005991	-0.001997	-0.0017255	-0.0011832	-0.0039438	-0.0034077
112	473518.71, 3847355.61	0.34641	5.4203	2.18845	-4.383E-05	-0.0006857	-0.0002769	-2.048E-05	-0.0003205	-0.0001294	-4.045E-05	-0.000633	-0.0002556
113	473518.71, 3847380.61	0.44133	6.05924	2.56915	-5.583E-05	-0.0007666	-0.000325	-2.61E-05	-0.0003583	-0.0001519	-5.154E-05	-0.0007076	-0.0003
114	473518.71, 3847405.61	0.56522	6.37558	2.92238	-7.151E-05	-0.0008066	-0.0003697	-3.342E-05	-0.000377	-0.0001728	-6.601E-05	-0.0007446	-0.0003413
115	473518.71, 3847430.61	0.8075	7.50502	3.65434	-0.0001022	-0.0009495	-0.0004623	-4.775E-05	-0.0004438	-0.0002161	-9.43E-05	-0.0008765	-0.0004268
116	473518.71, 3847455.61	1.16871	8.61965	4.62012	-0.0001479	-0.0010905	-0.0005845	-6.911E-05	-0.0005097	-0.0002732	-0.0001365	-0.0010066	-0.0005395
117	473518.71, 3847480.61	1.69476	10.0053	6.12806	-0.0002144	-0.0012658	-0.0007753	-0.0001002	-0.0005917	-0.0003624	-0.0001979	-0.0011684	-0.0007157
118	473518.71, 3847505.61	2.42307	11.8999	8.50325	-0.0003066	-0.0015055	-0.0010758	-0.0001433	-0.0007037	-0.0005028	-0.000283	-0.0013897	-0.000993
119	473518.71, 3847530.61	3.38485	14.2449	11.1742	-0.0004282	-0.0018022	-0.0014137	-0.0002002	-0.0008424	-0.0006608	-0.0003953	-0.0016636	-0.001305
120	473518.71, 3847555.61	4.6432	17.9655	14.2827	-0.0005874	-0.0022729	-0.001807	-0.0002746	-0.0010624	-0.0008446	-0.0005422	-0.0020981	-0.001668
121	473518.71, 3847580.61	6.41036	23.8052	18.9572	-0.000811	-0.0030117	-0.0023983	-0.0003791	-0.0014077	-0.001121	-0.0007486	-0.00278	-0.0022139
122	473518.71, 3847605.61	8.74299	30.7058	26.2515	-0.0011061	-0.0038847	-0.0033212	-0.000517	-0.0018158	-0.0015524	-0.001021	-0.0035859	-0.0030657
123	473518.71, 3847630.61	11.8118	39.2384	33.4668	-0.0014944	-0.0049642	-0.004234	-0.0006985	-0.0023203	-0.001979	-0.0013794	-0.0045824	-0.0039083
124	473543.71, 3847380.61	0.39672	4.75228	2.10217	-5.019E-05	-0.0006012	-0.000266	-2.346E-05	-0.000281	-0.0001243	-4.633E-05	-0.000555	-0.0002455
125	473543.71, 3847405.61	0.54611	5.85725	2.67552	-6.909E-05	-0.000741	-0.0003385	-3.229E-05	-0.0003464	-0.0001582	-6.378E-05	-0.000684	-0.0003125
126	473543.71, 3847430.61	0.77041	7.00028	3.19822	-9.747E-05	-0.0008856	-0.0004046	-4.556E-05	-0.000414	-0.0001891	-8.997E-05	-0.0008175	-0.0003735
127	473543.71, 3847455.61	1.10259	8.21304	4.22902	-0.0001395	-0.0010391	-0.000535	-6.52E-05	-0.0004857	-0.0002501	-0.0001288	-0.0009591	-0.0004939
128	473543.71, 3847480.61	1.57547	9.63977	5.59363	-0.0001993	-0.0012196	-0.0007077	-9.316E-05	-0.00057	-0.0003308	-0.000184	-0.0011258	-0.0006532
129	473543.71, 3847505.61	2.22142	11.4503	7.95904	-0.000281	-0.0014486	-0.0010069	-0.0001314	-0.0006771	-0.0004707	-0.0002594	-0.0013372	-0.0009295
130	473543.71, 3847530.61	3.08962	13.7605	10.4341	-0.0003909	-0.0017409	-0.0013201	-0.0001827	-0.0008137	-0.000617	-0.0003608	-0.001607	-0.0012185
131	473543.71, 3847555.61	4.14958	16.3124	12.9857	-0.000525	-0.0020637	-0.0016429	-0.0002454	-0.0009646	-0.0007679	-0.0004846	-0.001905	-0.0015165
132	473543.71, 3847580.61	5.48116	20.8118	16.4609	-0.0006934	-0.002633	-0.0020825	-0.0003241	-0.0012307	-0.0009734	-0.0006401	-0.0024305	-0.0019224
133	473543.71, 3847605.61	7.47687	27.4059	22.4217	-0.0009459	-0.0034672	-0.0028367	-0.0004421	-0.0016206	-0.0013259	-0.0008732	-0.0032005	-0.0026185
134	473543.71, 3847630.61	9.90615	33.7828	28.9245	-0.0012533	-0.004274	-0.0036593	-0.0005858	-0.0019977	-0.0017104	-0.0011569	-0.0039452	-0.0033779
135	473568.71, 3847380.61	0.39808	4.53707	1.96635	-5.036E-05	-0.000574	-0.0002488	-2.354E-05	-0.0002683	-0.0001163	-4.649E-05	-0.0005299	-0.0002296
136	473568.71, 3847405.61	0.51069	5.00451	2.26409	-6.461E-05	-0.0006331	-0.0002864	-3.02E-05	-0.0002959	-0.0001339	-5.964E-05	-0.0005844	-0.0002644
137	473568.71, 3847430.61	0.69856	5.90428	2.77149	-8.838E-05	-0.000747	-0.0003506	-4.131E-05	-0.0003491	-0.0001639	-8.158E-05	-0.0006895	-0.0003237
138	473568.71, 3847455.61	1.01252	7.44234	3.68259	-0.0001281	-0.0009416	-0.0004659	-5.987E-05	-0.0004401	-0.0002178	-0.0001182	-0.0008691	-0.0004301
139	473568.71, 3847480.61	1.46419	9.23042	5.03877	-0.0001852	-0.0011678	-0.0006375	-8.658E-05	-0.0005458	-0.000298	-0.000171	-0.001078	-0.0005884
140	473568.71, 3847505.61	2.05111	11.1123	7.24531	-0.0002595	-0.0014059	-0.0009166	-0.0001213	-0.0006571	-0.0004284	-0.0002395	-0.0012977	-0.0008461
141	473568.71, 3847530.61	2.77404	13.0122	9.35402	-0.000351	-0.0016462	-0.0011834	-0.000164	-0.0007695	-0.0005531	-0.000324	-0.0015196	-0.0010924
142	473568.71, 3847555.61	3.54694	14.3278	11.3312	-0.0004487	-0.0018127	-0.0014335	-0.0002097	-0.0008473	-0.0006701	-0.0004142	-0.0016732	-0.0013233
143	473568.71, 3847580.61	4.6475	17.7104	13.976	-0.000588	-0.0022406	-0.0017682	-0.0002748	-0.0010473	-0.0008265	-0.0005427	-0.0020683	-0.0016322
144	473568.71, 3847605.61	6.09768	22.6234	17.9969	-0.0007714	-0.0028622	-0.0022769	-0.0003606	-0.0013378	-0.0010642	-0.0007121	-0.002642	-0.0021017
145	473568.71, 3847630.61	8.396	30.0591	25.033	-0.0010622	-0.0038029	-0.003167	-0.0004965	-0.0017775	-0.0014803	-0.0009805	-0.0035104	-0.0029234
146	473568.71, 3847655.61	11.2101	37.9568	32.0768	-0.0014182	-0.0048021	-0.0040582	-0.0006629	-0.0022445	-0.0018968	-0.0013092	-0.0044327	-0.003746
147	473593.71, 3847405.61	0.52336	4.99947	2.23579	-6.621E-05	-0.0006325	-0.0002829	-3.095E-05	-0.0002956	-0.0001322	-6.112E-05	-0.0005839	-0.0002611
148	473593.71, 3847430.61	0.67584	5.47499	2.65402	-8.55E-05	-0.0006927	-0.0003358	-3.997E-05	-0.0003238	-0.0001569	-7.893E-05	-0.0006394	-0.0003099
149	473593.71, 3847455.61	0.94406	6.78801	3.21824	-0.0001194	-0.0008588	-0.0004072	-5.583E-05	-0.0004014	-0.0001903	-0.0001102	-0.0007927	-0.0003758

150	473593.71, 3847480.61	1.36051	8.72719	4.50002	-0.0001721	-0.0011041	-0.0005693	-8.045E-05	-0.0005161	-0.0002661	-0.0001589	-0.0010192	-0.0005255
151	473593.71, 3847505.61	1.89895	10.7466	6.35765	-0.0002402	-0.0013596	-0.0008043	-0.0001123	-0.0006355	-0.000376	-0.0002218	-0.001255	-0.0007425
152	473593.71, 3847530.61	2.47173	12.1377	8.07694	-0.0003127	-0.0015356	-0.0010218	-0.0001462	-0.0007178	-0.0004776	-0.0002887	-0.0014175	-0.0009432
153	473593.71, 3847555.61	3.18538	13.6387	10.108	-0.000403	-0.0017255	-0.0012788	-0.0001884	-0.0008065	-0.0005977	-0.000372	-0.0015928	-0.0011804
154	473593.71, 3847580.61	4.12692	15.6875	12.4442	-0.0005221	-0.0019847	-0.0015744	-0.000244	-0.0009277	-0.0007359	-0.000482	-0.001832	-0.0014533
155	473593.71, 3847605.61	5.33045	20.1042	15.8485	-0.0006744	-0.0025435	-0.0020051	-0.0003152	-0.0011888	-0.0009372	-0.0006225	-0.0023478	-0.0018508
156	473593.71, 3847630.61	7.08893	26.1126	21.1728	-0.0008968	-0.0033036	-0.0026787	-0.0004192	-0.0015441	-0.001252	-0.0008279	-0.0030495	-0.0024726
157	473593.71, 3847655.61	9.59351	33.5149	28.6931	-0.0012137	-0.0042401	-0.0036301	-0.0005673	-0.0019819	-0.0016967	-0.0011204	-0.003914	-0.0033509
158	473593.71, 3847680.61	12.936	44.6898	35.8178	-0.0016366	-0.0056539	-0.0045314	-0.000765	-0.0026427	-0.0021181	-0.0015107	-0.005219	-0.0041829
159	473618.71, 3847405.61	0.55174	5.16491	2.28715	-6.98E-05	-0.0006534	-0.0002894	-3.263E-05	-0.0003054	-0.0001352	-6.443E-05	-0.0006032	-0.0002671
160	473618.71, 3847430.61	0.71416	5.87716	2.8284	-9.035E-05	-0.0007435	-0.0003578	-4.223E-05	-0.0003475	-0.0001673	-8.34E-05	-0.0006864	-0.0003303
161	473618.71, 3847455.61	0.9606	7.01583	3.34557	-0.0001215	-0.0008876	-0.0004233	-5.68E-05	-0.0004149	-0.0001978	-0.0001122	-0.0008193	-0.0003907
162	473618.71, 3847480.61	1.31333	8.58276	4.26862	-0.0001662	-0.0010858	-0.00054	-7.766E-05	-0.0005075	-0.0002524	-0.0001534	-0.0010023	-0.0004985
163	473618.71, 3847505.61	1.76623	10.3241	5.74241	-0.0002235	-0.0013061	-0.0007265	-0.0001044	-0.0006105	-0.0003396	-0.0002063	-0.0012057	-0.0006706
164	473618.71, 3847530.61	2.27621	11.7621	7.05347	-0.000288	-0.0014881	-0.0008924	-0.0001346	-0.0006955	-0.0004171	-0.0002658	-0.0013736	-0.0008237
165	473618.71, 3847555.61	2.939	13.4638	9.30233	-0.0003718	-0.0017034	-0.0011769	-0.0001738	-0.0007962	-0.0005501	-0.0003432	-0.0015723	-0.0010864
166	473618.71, 3847580.61	3.67612	14.7978	11.0708	-0.0004651	-0.0018721	-0.0014006	-0.0002174	-0.0008751	-0.0006547	-0.0004293	-0.0017281	-0.0012929
167	473618.71, 3847605.61	4.65595	17.4938	13.6913	-0.000589	-0.0022132	-0.0017321	-0.0002753	-0.0010345	-0.0008096	-0.0005437	-0.002043	-0.0015989
168	473618.71, 3847630.61	6.02535	22.582	17.8299	-0.0007623	-0.0028569	-0.0022557	-0.0003563	-0.0013354	-0.0010544	-0.0007037	-0.0026372	-0.0020822
169	473618.71, 3847655.61	8.27092	30.0993	24.9889	-0.0010464	-0.003808	-0.0031614	-0.0004891	-0.0017799	-0.0014777	-0.0009659	-0.0035151	-0.0029183
170	473618.71, 3847680.61	10.919	37.0408	31.4883	-0.0013814	-0.0046862	-0.0039837	-0.0006457	-0.0021904	-0.001862	-0.0012751	-0.0043257	-0.0036773
171	473643.71, 3847430.61	0.74752	6.06426	2.87559	-9.457E-05	-0.0007672	-0.0003638	-4.42E-05	-0.0003586	-0.00017	-8.73E-05	-0.0007082	-0.0003358
172	473643.71, 3847455.61	0.97321	7.06051	3.3857	-0.0001231	-0.0008933	-0.0004283	-5.755E-05	-0.0004175	-0.0002002	-0.0001137	-0.0008245	-0.0003954
173	473643.71, 3847480.61	1.26409	8.25213	4.20672	-0.0001599	-0.001044	-0.0005322	-7.475E-05	-0.000488	-0.0002488	-0.0001476	-0.0009637	-0.0004913
174	473643.71, 3847505.61	1.6402	9.72081	5.30939	-0.0002075	-0.0012298	-0.0006717	-9.699E-05	-0.0005748	-0.000314	-0.0001915	-0.0011352	-0.00062
175	473643.71, 3847530.61	2.08934	11.1871	6.40097	-0.0002643	-0.0014153	-0.0008098	-0.0001236	-0.0006615	-0.0003785	-0.000244	-0.0013065	-0.0007475
176	473643.71, 3847555.61	2.64976	12.7517	7.94122	-0.0003352	-0.0016133	-0.0010047	-0.0001567	-0.0007541	-0.0004696	-0.0003094	-0.0014892	-0.0009274
177	473643.71, 3847580.61	3.23713	13.7422	9.84764	-0.0004095	-0.0017386	-0.0012459	-0.0001914	-0.0008126	-0.0005823	-0.000378	-0.0016049	-0.00115
178	473643.71, 3847605.61	4.05633	15.4307	11.8441	-0.0005132	-0.0019522	-0.0014984	-0.0002399	-0.0009125	-0.0007004	-0.0004737	-0.001802	-0.0013832
179	473643.71, 3847630.61	5.23508	19.6684	15.4311	-0.0006623	-0.0024883	-0.0019522	-0.0003096	-0.0011631	-0.0009125	-0.0006114	-0.0022969	-0.0018021
180	473643.71, 3847655.61	6.96201	25.8944	20.8866	-0.0008808	-0.003276	-0.0026424	-0.0004117	-0.0015312	-0.0012351	-0.000813	-0.003024	-0.0024392
181	473643.71, 3847680.61	9.33999	33.3432	27.9699	-0.0011816	-0.0042184	-0.0035386	-0.0005523	-0.0019717	-0.001654	-0.0010907	-0.0038939	-0.0032664
182	473643.71, 3847705.61	12.4023	42.9584	35.3299	-0.0015691	-0.0054348	-0.0044697	-0.0007334	-0.0025403	-0.0020892	-0.0014484	-0.0050168	-0.0041259
183	473668.71, 3847430.61	0.69307	5.0805	2.53011	-8.768E-05	-0.0006428	-0.0003201	-4.098E-05	-0.0003004	-0.0001496	-8.094E-05	-0.0005933	-0.0002955
184	473668.71, 3847455.61	0.88486	5.9225	2.99008	-0.0001119	-0.0007493	-0.0003783	-5.233E-05	-0.0003502	-0.0001768	-0.0001033	-0.0006916	-0.0003492
185	473668.71, 3847480.61	1.14936	7.15288	3.72355	-0.0001454	-0.0009049	-0.0004711	-6.797E-05	-0.000423	-0.0002202	-0.0001342	-0.0008353	-0.0004348
186	473668.71, 3847505.61	1.46809	8.48572	4.54315	-0.0001857	-0.0010736	-0.0005748	-8.681E-05	-0.0005018	-0.0002687	-0.0001714	-0.000991	-0.0005306
187	473668.71, 3847530.61	1.79629	9.46969	5.40309	-0.0002273	-0.001198	-0.0006836	-0.0001062	-0.00056	-0.0003195	-0.0002098	-0.0011059	-0.000631
188	473668.71, 3847555.61	2.32729	11.457	6.58462	-0.0002944	-0.0014495	-0.000833	-0.0001376	-0.0006775	-0.0003894	-0.0002718	-0.001338	-0.000769
189	473668.71, 3847580.61	2.92712	13.1275	8.74512	-0.0003703	-0.0016608	-0.0011064	-0.0001731	-0.0007763	-0.0005171	-0.0003418	-0.0015331	-0.0010213
190	473668.71, 3847605.61	3.69766	15.0869	10.9079	-0.0004678	-0.0019087	-0.00138	-0.0002187	-0.0008921	-0.000645	-0.0004318	-0.0017619	-0.0012738
191	473668.71, 3847630.61	4.69238	17.5828	13.7641	-0.0005937	-0.0022245	-0.0017413	-0.0002775	-0.0010397	-0.0008139	-0.000548	-0.0020534	-0.0016074
192	473668.71, 3847655.61	5.95623	22.4746	17.4217	-0.0007535	-0.0028433	-0.0022041	-0.0003522	-0.001329	-0.0010302	-0.0006956	-0.0026246	-0.0020346
193	473668.71, 3847680.61	8.00558	29.5287	24.197	-0.0010128	-0.0037358	-0.0030613	-0.0004734	-0.0017462	-0.0014309	-0.0009349	-0.0034484	-0.0028258
194	473668.71, 3847705.61	10.4964	36.2028	30.8585	-0.0013279	-0.0045801	-0.003904	-0.0006207	-0.0021408	-0.0018248	-0.0012258	-0.0042279	-0.0036037
195	473693.71, 3847455.61	0.78718	4.62093	2.37078	-9.959E-05	-0.0005846	-0.0002999	-4.655E-05	-0.0002733	-0.0001402	-9.193E-05	-0.0005396	-0.0002769
196	473693.71, 3847480.61	1.02609	5.85597	3.06123	-0.0001298	-0.0007409	-0.0003873	-6.068E-05	-0.0003463	-0.000181	-0.0001198	-0.0006839	-0.0003575
197	473693.71, 3847505.61	1.30144	7.0962	3.84496	-0.0001647	-0.0008978	-0.0004864	-7.696E-05	-0.0004196	-0.0002274	-0.000152	-0.0008287	-0.000449
198	473693.71, 3847530.61	1.54903	7.76577	4.42681	-0.000196	-0.0009825	-0.0005601	-9.16E-05	-0.0004592	-0.0002618	-0.0001809	-0.0009069	-0.000517
199	473693.71, 3847555.61	1.98447	9.57914	5.47955	-0.0002511	-0.0012119	-0.0006932	-0.0001173	-0.0005665	-0.000324	-0.0002318	-0.0011187	-0.0006399
200	473693.71, 3847580.61	2.64235	12.2844	7.4795	-0.0003343	-0.0015541	-0.0009463	-0.0001563	-0.0007264	-0.0004423	-0.0003086	-0.0014346	-0.0008735
201	473693.71, 3847605.61	3.4023	14.7606	10.1253	-0.0004304	-0.0018674	-0.001281	-0.0002012	-0.0008729	-0.0005988	-0.0003973	-0.0017238	-0.0011825
202	473693.71, 3847630.61	4.24133	16.9579	12.4658	-0.0005366	-0.0021454	-0.0015771	-0.0002508	-0.0010028	-0.0007372	-0.0004953	-0.0019804	-0.0014558
203	473693.71, 3847655.61	5.29045	19.8631	15.802	-0.0006693	-0.0025129	-0.0019992	-0.0003128	-0.0011746	-0.0009344	-0.0006178	-0.0023197	-0.0018454
204	473693.71, 3847680.61	6.89996	25.9303	20.5539	-0.0008729	-0.0032805	-0.0026004	-0.000408	-0.0015334	-0.0012154	-0.0008058	-0.0030282	-0.0024003
205	473693.71, 3847705.61	9.05972	33.0098	27.1988	-0.0011462	-0.0041762	-0.003441	-0.0005357	-0.001952	-0.0016084	-0.001058	-0.003855	-0.0031763
206	473693.71, 3847730.61	11.8469	41.0378	34.1857	-0.0014988	-0.0051918	-0.004325	-0.0007006	-0.0024267	-0.0020215	-0.0013835	-0.0047925	-0.0039923
207	473718.71, 3847455.61	0.74177	4.03964	2.19904	-9.384E-05	-0.0005111	-0.0002782	-4.386E-05	-0.0002389	-0.00013	-8.663E-05	-0.0004718	-0.0002568
208	473718.71, 3847480.61	0.91253	4.60585	2.57581	-0.0001154	-0.0005827	-0.0003259	-5.396E-05	-0.0002724	-0.0001523	-0.0001066	-0.0005379	-0.0003008
209	473718.71, 3847505.61	1.15188	5.71733	3.19705	-0.0001457	-0.0007233	-0.0004045	-6.812E-05	-0.0003381	-0.0001891	-0.0001345	-0.0006677	-0.0003734
210	473718.71, 3847530.61	1.39772	6.64944	3.7424	-0.0001768	-0.0008412	-0.0004735	-8.265E-05	-0.0003932	-0.0002213	-0.0001632	-0.0007765	-0.000437
211	473718.71, 3847555.61	1.79986	8.55506	4.92579	-0.0002277	-0.0010823	-0.0006232	-0.0001064	-0.0005059	-0.0002913	-0.0002102	-0.0009991	-0.0005752
212	473718.71, 3847580.61	2.40897	11.3998	6.76384	-0.0003048	-0.0014422	-0.0008557	-0.0001425	-0.0006741	-0.0004	-0.0002813	-0.0013313	-0.0007899
213	473718.71, 3847605.61	3.08425	13.9091	8.96078	-0.0003902	-0.0017597	-0.0011337	-0.0001824	-0.0008225	-0.0005299	-0.0003602	-0.0016243	-0.0010465
214	473718.71, 3847630.61	3.8192	16.0986	11.1339	-0.0004832	-0.0020367	-0.0014086	-0.0002258	-0.000952	-0.0006584	-0.000446	-0.00188	-0.0013002
215	473718.71, 3847655.61	4.75954	18.784	14.2628	-0.0006021	-0.0023764	-0.0018044	-0.0002815	-0.0011108	-0.0008434	-0.0005558	-0.0021936	-0.0016656
216	473718.71, 3847680.61	5.99635	22.6495	17.8484	-0.0007586	-0.0028655	-0.0022581	-0.0003546	-0.0013394	-0.0010554	-0.0007003	-0.0026451	-0.0020844
217	473718.71, 3847705.61	7.82256	29.2122	23.6835	-0.0009897	-0.0036957	-0.0029963	-0.0004626	-0.0017274	-0.0014005	-0.0009135	-0.0034115	-0.0027658
218	473718.71, 3847730.61	10.1334	35.6884	30.1458	-0.001282	-0.0045151	-0.0038139	-0.0005992	-0.0021104	-0.0017826	-0.0011834	-0.0041678	-0.0035205
219	473743.71, 3847480.61	0.87314	4.15546	2.46452	-0.0001105	-0.0005257	-0.0003118	-5.163E-05	-0.0002457	-0.0001457	-0.000102	-0.0004853	-0.0002878
220	473743.71, 3847505.61	1.10899	5.29295	3.0481	-0.0001403	-0.0006696	-0.0003856	-6.558E-05	-0.000313	-0.0001802	-0.0001295	-0.0006181	-0.000356
221	473743.71, 3847530.61	1.38531	6.62071	3.79941	-0.0001753	-0.0008376	-0.0004807	-8.192E-05	-0.0003915	-0.0002247	-0.0001618	-0.0007732	-0.0004437
222	473743.71, 3847555.61	1.76582	8.49135	4.99502	-0.0002234	-0.0010743	-0.0006319	-0.0001044	-0.0005021	-0.0002954	-0.0002062	-0.0009916	-0.0005833
223	473743.71, 3847580.61	2.25318	10.7343	6.26141	-0.0002851	-0.001358	-0.0007922	-0.0001332	-0.0006348	-0.0003703	-0.0002631	-0.0012536	-0.0007312
224	473743.71, 3847605.61	2.81736	12.9653	8.07688	-0.0003564	-0.0016403	-0.0010218	-0.0001666	-0.0007667	-0.0004776	-0.000329	-0.0015141	-0.0009432
225	473743.71, 3847630.61	3.47414	15.2188	10.0664	-0.0004395	-0.0019254	-0.0012735	-0.0002054	-0.0008999	-0.0005953	-0.0004057	-0.0017773	-0.0011756
226	473743.71, 3847655.61	4.28334	17.8036	12.8064	-0.0005419	-0.0022524	-0.0016202	-0.0002533	-0.0010528	-0.0007573	-0.0005002	-0.0020791	-0.0014956

227	473743.71, 3847680.61	5.19339	20.258	15.5757	-0.000657	-0.0025629	-0.0019705	-0.0003071	-0.0011979	-0.0009211	-0.0006065	-0.0023658	-0.001819
228	473743.71, 3847705.61	6.50916	24.3215	19.3579	-0.0008235	-0.003077	-0.002449	-0.0003849	-0.0014382	-0.0011447	-0.0007602	-0.0028403	-0.0022607
229	473743.71, 3847730.61	8.72389	32.2417	26.0611	-0.0011037	-0.004079	-0.0032971	-0.0005159	-0.0019066	-0.0015411	-0.0010188	-0.0037653	-0.0030435
230	473743.71, 3847755.61	11.3454	39.0897	32.6201	-0.0014353	-0.0049454	-0.0041269	-0.0006709	-0.0023115	-0.001929	-0.0013249	-0.004565	-0.0038095
231	473768.71, 3847480.61	0.85768	3.90738	2.40254	-0.0001085	-0.0004943	-0.000304	-5.072E-05	-0.0002311	-0.0001421	-0.0001002	-0.0004563	-0.0002806
232	473768.71, 3847505.61	1.0689	4.86294	2.90337	-0.0001352	-0.0006152	-0.0003673	-6.321E-05	-0.0002876	-0.0001717	-0.0001248	-0.0005679	-0.0003391
233	473768.71, 3847530.61	1.35948	6.38029	3.73349	-0.000172	-0.0008072	-0.0004723	-8.039E-05	-0.0003773	-0.0002208	-0.0001588	-0.0007451	-0.000436
234	473768.71, 3847555.61	1.68253	7.91351	4.60371	-0.0002129	-0.0010012	-0.0005824	-9.949E-05	-0.000468	-0.0002722	-0.0001965	-0.0009242	-0.0005376
235	473768.71, 3847580.61	2.09874	9.85079	5.91178	-0.0002655	-0.0012463	-0.0007479	-0.0001241	-0.0005825	-0.0003496	-0.0002451	-0.0011504	-0.0006904
236	473768.71, 3847605.61	2.58291	11.8842	7.3628	-0.0003268	-0.0015035	-0.0009315	-0.0001527	-0.0007028	-0.0004354	-0.0003016	-0.0013879	-0.0008598
237	473768.71, 3847630.61	3.15405	14.0575	9.0799	-0.000399	-0.0017785	-0.0011487	-0.0001865	-0.0008313	-0.0005369	-0.0003683	-0.0016417	-0.0010604
238	473768.71, 3847655.61	3.85737	16.5958	11.4351	-0.000488	-0.0020996	-0.0014467	-0.0002281	-0.0009814	-0.0006762	-0.0004505	-0.0019381	-0.0013354
239	473768.71, 3847680.61	4.674	19.2282	14.0834	-0.0005913	-0.0024326	-0.0017817	-0.0002764	-0.001137	-0.0008328	-0.0005458	-0.0022455	-0.0016447
240	473768.71, 3847705.61	5.76731	22.4176	17.4018	-0.0007296	-0.0028361	-0.0022016	-0.000341	-0.0013256	-0.001029	-0.0006735	-0.002618	-0.0020322
241	473768.71, 3847730.61	7.37684	27.3189	22.2071	-0.0009333	-0.0034562	-0.0028095	-0.0004362	-0.0016155	-0.0013132	-0.0008615	-0.0031904	-0.0025934
242	473768.71, 3847755.61	9.69429	34.8092	28.7216	-0.0012265	-0.0044038	-0.0036337	-0.0005733	-0.0020584	-0.0016984	-0.0011321	-0.0040651	-0.0033542
243	473768.71, 3847780.61	12.7485	44.4144	36.336	-0.0016129	-0.005619	-0.004597	-0.0007539	-0.0026264	-0.0021487	-0.0014888	-0.0051868	-0.0042434
244	473793.71, 3847505.61	0.98829	4.1339	2.65447	-0.000125	-0.000523	-0.0003358	-5.844E-05	-0.0002445	-0.000157	-0.0001154	-0.0004828	-0.00031
245	473793.71, 3847530.61	1.23566	5.31456	3.25567	-0.0001563	-0.0006724	-0.0004119	-7.307E-05	-0.0003143	-0.0001925	-0.0001443	-0.0006206	-0.0003802
246	473793.71, 3847555.61	1.55103	6.90558	4.21933	-0.0001962	-0.0008737	-0.0005338	-9.172E-05	-0.0004084	-0.0002495	-0.0001811	-0.0008065	-0.0004927
247	473793.71, 3847580.61	1.92016	8.65275	5.24356	-0.0002429	-0.0010947	-0.0006634	-0.0001135	-0.0005117	-0.0003101	-0.0002242	-0.0010105	-0.0006124
248	473793.71, 3847605.61	2.36102	10.6298	6.76221	-0.0002987	-0.0013448	-0.0008555	-0.0001396	-0.0006286	-0.0003999	-0.0002757	-0.0012414	-0.0007897
249	473793.71, 3847630.61	2.89169	12.8691	8.3893	-0.0003658	-0.0016281	-0.0010614	-0.000171	-0.000761	-0.0004961	-0.0003377	-0.0015029	-0.0009797
250	473793.71, 3847655.61	3.53432	15.4669	10.4737	-0.0004471	-0.0019568	-0.0013251	-0.000209	-0.0009146	-0.0006194	-0.0004127	-0.0018063	-0.0012231
251	473793.71, 3847680.61	4.31509	18.4654	13.1967	-0.0005459	-0.0023361	-0.0016696	-0.0002552	-0.0010919	-0.0007804	-0.0005039	-0.0021564	-0.0015411
252	473793.71, 3847705.61	5.05652	20.6378	15.1828	-0.0006397	-0.002611	-0.0019208	-0.000299	-0.0012204	-0.0008978	-0.0005905	-0.0024101	-0.0017731
253	473793.71, 3847730.61	6.11569	23.4349	18.1176	-0.0007737	-0.0029648	-0.0022921	-0.0003616	-0.0013858	-0.0010714	-0.0007142	-0.0027368	-0.0021158
254	473793.71, 3847755.61	7.98856	29.0811	23.6574	-0.0010107	-0.0036792	-0.002993	-0.0004724	-0.0017197	-0.001399	-0.0009329	-0.0033962	-0.0027628
255	473793.71, 3847780.61	10.8435	37.5253	31.3252	-0.0013718	-0.0047475	-0.0039631	-0.0006412	-0.002219	-0.0018524	-0.0012663	-0.0043823	-0.0036582
256	473818.71, 3847505.61	0.96304	3.83326	2.6045	-0.0001218	-0.000485	-0.0003295	-5.695E-05	-0.0002267	-0.000154	-0.0001125	-0.0004477	-0.0003042
257	473818.71, 3847530.61	1.1421	4.50778	2.98272	-0.0001445	-0.0005703	-0.0003774	-6.754E-05	-0.0002666	-0.0001764	-0.0001334	-0.0005264	-0.0003483
258	473818.71, 3847555.61	1.44166	6.03534	3.78447	-0.0001824	-0.0007636	-0.0004788	-8.525E-05	-0.0003569	-0.0002238	-0.0001684	-0.0007048	-0.000442
259	473818.71, 3847580.61	1.7296	7.31208	4.55567	-0.0002188	-0.0009251	-0.0005764	-0.0001023	-0.0004324	-0.0002694	-0.000202	-0.0008539	-0.000532
260	473818.71, 3847605.61	2.14149	9.23599	5.80769	-0.0002709	-0.0011685	-0.0007348	-0.0001266	-0.0005462	-0.0003434	-0.0002501	-0.0010786	-0.0006782
261	473818.71, 3847630.61	2.67579	11.6949	7.80105	-0.0003385	-0.0014796	-0.0009869	-0.0001582	-0.0006916	-0.0004613	-0.0003125	-0.0013658	-0.000911
262	473818.71, 3847655.61	3.22996	14.0377	9.54505	-0.0004086	-0.001776	-0.0012076	-0.000191	-0.0008301	-0.0005644	-0.0003772	-0.0016394	-0.0011147
263	473818.71, 3847680.61	3.85917	16.5997	11.6639	-0.0004882	-0.0021001	-0.0014756	-0.0002282	-0.0009816	-0.0006897	-0.0004507	-0.0019386	-0.0013621
264	473818.71, 3847705.61	4.29355	17.9699	12.6509	-0.0005432	-0.0022734	-0.0016005	-0.0002539	-0.0010626	-0.0007481	-0.0005014	-0.0020986	-0.0014774
265	473818.71, 3847730.61	5.16766	20.6656	15.0009	-0.0006538	-0.0026145	-0.0018978	-0.0003056	-0.001222	-0.0008871	-0.0006035	-0.0024134	-0.0017518
266	473818.71, 3847755.61	6.6912	25.3239	19.6567	-0.0008465	-0.0032038	-0.0024868	-0.0003957	-0.0014975	-0.0011624	-0.0007814	-0.0029574	-0.0022956
267	473818.71, 3847780.61	9.28917	33.6509	27.47	-0.0011752	-0.0042573	-0.0034753	-0.0005493	-0.0019899	-0.0016244	-0.0010848	-0.0039298	-0.003208
268	473818.71, 3847805.61	12.162	41.9221	34.8142	-0.0015387	-0.0053037	-0.0044045	-0.0007192	-0.002479	-0.0020587	-0.0014203	-0.0048958	-0.0040657
269	473843.71, 3847530.61	1.09045	4.17449	2.87956	-0.000138	-0.0005281	-0.0003643	-6.448E-05	-0.0002469	-0.0001703	-0.0001273	-0.0004875	-0.0003363
270	473843.71, 3847555.61	1.29677	4.9227	3.27479	-0.0001641	-0.0006228	-0.0004143	-7.668E-05	-0.0002911	-0.0001937	-0.0001514	-0.0005749	-0.0003824
271	473843.71, 3847580.61	1.54393	5.99281	3.8837	-0.0001953	-0.0007582	-0.0004913	-9.13E-05	-0.0003544	-0.0002297	-0.0001803	-0.0006999	-0.0004535
272	473843.71, 3847605.61	1.93173	7.84897	4.962	-0.0002444	-0.000993	-0.0006278	-0.0001142	-0.0004641	-0.0002934	-0.0002256	-0.0009166	-0.0005795
273	473843.71, 3847630.61	2.43436	10.2267	6.87835	-0.000308	-0.0012938	-0.0008702	-0.000144	-0.0006047	-0.0004067	-0.0002843	-0.0011943	-0.0008033
274	473843.71, 3847655.61	2.90287	12.2279	8.54671	-0.0003673	-0.001547	-0.0010813	-0.0001717	-0.0007231	-0.0005054	-0.000339	-0.001428	-0.0009981
275	473843.71, 3847680.61	3.48284	14.7513	10.3621	-0.0004406	-0.0018662	-0.0013109	-0.000206	-0.0008723	-0.0006128	-0.0004067	-0.0017227	-0.0012101
276	473843.71, 3847705.61	3.96711	16.7858	11.8806	-0.0005019	-0.0021236	-0.0015031	-0.0002346	-0.0009926	-0.0007025	-0.0004633	-0.0019603	-0.0013874
277	473843.71, 3847730.61	4.68027	19.346	13.7364	-0.0005921	-0.0024475	-0.0017378	-0.0002768	-0.001144	-0.0008123	-0.0005466	-0.0022593	-0.0016042
278	473843.71, 3847755.61	5.92407	23.7438	17.5629	-0.0007495	-0.0030039	-0.002222	-0.0003503	-0.0014041	-0.0010386	-0.0006918	-0.0027729	-0.002051
279	473843.71, 3847780.61	8.09337	30.246	24.3642	-0.0010239	-0.0038265	-0.0030824	-0.0004786	-0.0017886	-0.0014408	-0.0009452	-0.0035322	-0.0028453
280	473843.71, 3847805.61	10.3578	36.3136	30.3345	-0.0013104	-0.0045942	-0.0038377	-0.0006125	-0.0021474	-0.0017938	-0.0012096	-0.0042408	-0.0035425
281	473868.71, 3847530.61	1.07276	3.8811	2.80589	-0.0001357	-0.000491	-0.000355	-6.344E-05	-0.0002295	-0.0001659	-0.0001253	-0.0004532	-0.0003277
282	473868.71, 3847555.61	1.22123	4.47641	3.06364	-0.0001545	-0.0005663	-0.0003876	-7.222E-05	-0.0002647	-0.0001812	-0.0001426	-0.0005228	-0.0003578
283	473868.71, 3847580.61	1.44891	5.47522	3.63443	-0.0001833	-0.0006927	-0.0004598	-8.568E-05	-0.0003238	-0.0002149	-0.0001692	-0.0006394	-0.0004244
284	473868.71, 3847605.61	1.75777	6.69169	4.38548	-0.0002224	-0.0008466	-0.0005548	-0.0001039	-0.0003957	-0.0002593	-0.0002053	-0.0007815	-0.0005121
285	473868.71, 3847630.61	2.20022	8.75639	6.02152	-0.0002784	-0.0011078	-0.0007618	-0.0001301	-0.0005178	-0.0003561	-0.0002569	-0.0010226	-0.0007032
286	473868.71, 3847655.61	2.68062	10.9119	7.76084	-0.0003391	-0.0013805	-0.0009819	-0.0001585	-0.0006453	-0.0004589	-0.000313	-0.0012743	-0.0009063
287	473868.71, 3847680.61	3.26508	13.5651	9.88466	-0.0004131	-0.0017162	-0.0012505	-0.0001931	-0.0008022	-0.0005845	-0.0003813	-0.0015842	-0.0011544
288	473868.71, 3847705.61	3.89544	16.3947	11.8088	-0.0004928	-0.0020742	-0.001494	-0.0002304	-0.0009695	-0.0006983	-0.0004549	-0.0019146	-0.0013791
289	473868.71, 3847730.61	4.515	18.9659	13.6412	-0.0005712	-0.0023994	-0.0017258	-0.000267	-0.0011215	-0.0008067	-0.0005273	-0.0022149	-0.0015931
290	473868.71, 3847755.61	5.4609	22.6828	16.5361	-0.0006909	-0.0028697	-0.002092	-0.0003229	-0.0013413	-0.0009778	-0.0006377	-0.002649	-0.0019311
291	473868.71, 3847780.61	7.09784	28.1581	21.9349	-0.000898	-0.0035624	-0.0027751	-0.0004197	-0.0016651	-0.0012971	-0.0008289	-0.0032884	-0.0025616
292	473868.71, 3847805.61	9.0345	33.2404	26.8892	-0.001143	-0.0042054	-0.0034019	-0.0005342	-0.0019656	-0.0015901	-0.0010551	-0.0038819	-0.0031402
293	473868.71, 3847830.61	11.5793	39.2376	33.2367	-0.0014649	-0.0049641	-0.0042049	-0.0006847	-0.0023203	-0.0019654	-0.0013523	-0.0045823	-0.0038815
294	473893.71, 3847555.61	1.21629	4.29931	3.07617	-0.0001539	-0.0005439	-0.0003892	-7.192E-05	-0.0002542	-0.0001819	-0.000142	-0.0005021	-0.0003592
295	473893.71, 3847580.61	1.39542	5.0441	3.45953	-0.0001765	-0.0006381	-0.0004377	-8.252E-05	-0.0002983	-0.0002046	-0.000163	-0.0005891	-0.000404
296	473893.71, 3847605.61	1.65732	6.17717	4.27348	-0.0002097	-0.0007815	-0.0005407	-9.8E-05	-0.0003653	-0.0002527	-0.0001935	-0.0007214	-0.0004991
297	473893.71, 3847630.61	2.0142	7.57773	5.35262	-0.0002548	-0.0009587	-0.0006772	-0.0001191	-0.0004481	-0.0003165	-0.0002352	-0.0008849	-0.0006251
298	473893.71, 3847655.61	2.55359	10.0943	7.4338	-0.0003231	-0.0012771	-0.0009405	-0.000151	-0.0005969	-0.0004396	-0.0002982	-0.0011788	-0.0008681
299	473893.71, 3847680.61	3.12151	12.6853	9.4362	-0.0003949	-0.0016049	-0.0011938	-0.0001846	-0.0007501	-0.000558	-0.0003645	-0.0014814	-0.001102
300	473893.71, 3847705.61	3.71228	15.3832	11.5122	-0.0004697	-0.0019462	-0.0014565	-0.0002195	-0.0009097	-0.0006808	-0.0004335	-0.0017965	-0.0013444
301	473893.71, 3847730.61	4.37185	18.3654	13.5637	-0.0005531	-0.0023235	-0.001716	-0.0002585	-0.001086	-0.0008021	-0.0005106	-0.0021448	-0.001584
302	473893.71, 3847755.61	5.17022	21.7384	16.1003	-0.0006541	-0.0027502	-0.0020369	-0.0003057	-0.0012855	-0.0009521	-0.0006038	-0.0025387	-0.0018802
303	473893.71, 3847780.61	6.21383	25.5694	19.0232	-0.0007861	-0.0032349	-0.0024067	-0.0003674	-0.001512	-0.0011249	-0.0007257	-0.0029861	-0.0022216

304	473893.71, 3847805.61	7.84154	30.2965	23.7678	-0.0009921	-0.0038329	-0.003007	-0.0004637	-0.0017916	-0.0014055	-0.0009158	-0.0035381	-0.0027757
305	473893.71, 3847830.61	10.0161	35.7842	29.4443	-0.0012672	-0.0045272	-0.0037251	-0.0005923	-0.0021161	-0.0017412	-0.0011697	-0.004179	-0.0034386
306	473893.71, 3847855.61	13.0478	44.2877	36.3742	-0.0016507	-0.005603	-0.0046018	-0.0007716	-0.0026189	-0.002151	-0.0015238	-0.005172	-0.0042479
307	473918.71, 3847555.61	1.2721	4.44602	3.26897	-0.0001609	-0.0005625	-0.0004136	-7.522E-05	-0.0002629	-0.0001933	-0.0001486	-0.0005192	-0.0003818
308	473918.71, 3847580.61	1.4056	4.99428	3.60478	-0.0001778	-0.0006318	-0.0004561	-8.312E-05	-0.0002953	-0.0002132	-0.0001641	-0.0005832	-0.000421
309	473918.71, 3847605.61	1.61216	5.70081	4.10222	-0.000204	-0.0007212	-0.000519	-9.533E-05	-0.0003371	-0.0002426	-0.0001883	-0.0006658	-0.0004791
310	473918.71, 3847630.61	1.97528	7.24961	5.34812	-0.0002499	-0.0009172	-0.0006766	-0.0001168	-0.0004287	-0.0003163	-0.0002307	-0.0008466	-0.0006246
311	473918.71, 3847655.61	2.48252	9.56343	7.33333	-0.0003141	-0.0012099	-0.0009278	-0.0001468	-0.0005655	-0.0004336	-0.0002899	-0.0011168	-0.0008564
312	473918.71, 3847680.61	2.97292	11.7325	9.05791	-0.0003761	-0.0014843	-0.0011459	-0.0001758	-0.0006938	-0.0005356	-0.0003472	-0.0013702	-0.0010578
313	473918.71, 3847705.61	3.45194	13.8597	10.6028	-0.0004367	-0.0017534	-0.0013414	-0.0002041	-0.0008196	-0.000627	-0.0004031	-0.0016186	-0.0012382
314	473918.71, 3847730.61	3.97583	16.2333	12.2626	-0.000503	-0.0020537	-0.0015514	-0.0002351	-0.0009599	-0.0007251	-0.0004643	-0.0018958	-0.0014321
315	473918.71, 3847755.61	4.62008	19.1219	14.3323	-0.0005845	-0.0024192	-0.0018132	-0.0002732	-0.0011308	-0.0008475	-0.0005395	-0.0022331	-0.0016738
316	473918.71, 3847780.61	5.46198	22.6006	16.904	-0.000691	-0.0028593	-0.0021386	-0.000323	-0.0013365	-0.0009996	-0.0006379	-0.0026394	-0.0019741
317	473918.71, 3847805.61	6.5625	26.4393	19.9733	-0.0008302	-0.0033449	-0.0025269	-0.0003881	-0.0015635	-0.0011811	-0.0007664	-0.0030877	-0.0023325
318	473918.71, 3847830.61	8.65006	32.8814	25.8766	-0.0010944	-0.0041599	-0.0032737	-0.0005115	-0.0019444	-0.0015302	-0.0010102	-0.00384	-0.0030219
319	473918.71, 3847855.61	11.1173	38.7432	32.0784	-0.0014065	-0.0049015	-0.0040584	-0.0006574	-0.002291	-0.0018969	-0.0012983	-0.0045245	-0.0037462
320	473943.71, 3847580.61	1.4773	5.1425	3.95255	-0.0001869	-0.0006506	-0.0005001	-8.736E-05	-0.0003041	-0.0002337	-0.0001725	-0.0006006	-0.0004616
321	473943.71, 3847605.61	1.71573	6.09011	4.74811	-0.0002171	-0.0007705	-0.0006007	-0.0001015	-0.0003601	-0.0002808	-0.0002004	-0.0007112	-0.0005545
322	473943.71, 3847630.61	2.0509	7.51293	5.96632	-0.0002595	-0.0009505	-0.0007548	-0.0001213	-0.0004443	-0.0003528	-0.0002395	-0.0008774	-0.0006968
323	473943.71, 3847655.61	2.41322	9.02226	7.32838	-0.0003053	-0.0011414	-0.0009271	-0.0001427	-0.0005335	-0.0004334	-0.0002818	-0.0010536	-0.0008558
324	473943.71, 3847680.61	2.75958	10.4288	8.30859	-0.0003491	-0.0013194	-0.0010512	-0.0001632	-0.0006167	-0.0004913	-0.0003223	-0.0012179	-0.0009703
325	473943.71, 3847705.61	3.11786	11.9245	9.34053	-0.0003945	-0.0015086	-0.0011817	-0.0001844	-0.0007051	-0.0005523	-0.0003641	-0.0013926	-0.0010908
326	473943.71, 3847730.61	3.52003	13.6978	10.3312	-0.0004453	-0.001733	-0.001307	-0.0002082	-0.00081	-0.0006109	-0.0004111	-0.0015997	-0.0012065
327	473943.71, 3847755.61	4.05602	16.1565	12.2134	-0.0005131	-0.002044	-0.0015452	-0.0002398	-0.0009554	-0.0007222	-0.0004737	-0.0018868	-0.0014263
328	473943.71, 3847780.61	4.80833	19.5262	14.5017	-0.0006083	-0.0024703	-0.0018347	-0.0002843	-0.0011547	-0.0008575	-0.0005615	-0.0022803	-0.0016935
329	473943.71, 3847805.61	5.80426	23.5747	17.8118	-0.0007343	-0.0029825	-0.0022534	-0.0003432	-0.0013941	-0.0010533	-0.0006778	-0.0027531	-0.0020801
330	473943.71, 3847830.61	7.35726	28.9477	22.2682	-0.0009308	-0.0036623	-0.0028172	-0.0004351	-0.0017118	-0.0013168	-0.0008592	-0.0033806	-0.0026005
331	473943.71, 3847855.61	9.60302	35.5165	28.1938	-0.0012149	-0.0044933	-0.0035669	-0.0005679	-0.0021002	-0.0016672	-0.0011215	-0.0041477	-0.0032925
332	473943.71, 3847880.61	12.3911	41.9973	34.9681	-0.0015676	-0.0053132	-0.0044239	-0.0007327	-0.0024835	-0.0020678	-0.0014471	-0.0049046	-0.0040837
333	473968.71, 3847605.61	1.72122	5.97007	4.88523	-0.0002178	-0.0007553	-0.000618	-0.0001018	-0.000353	-0.0002889	-0.000201	-0.0006972	-0.0005705
334	473968.71, 3847630.61	1.90063	6.56827	5.3707	-0.0002405	-0.000831	-0.0006795	-0.0001124	-0.0003884	-0.0003176	-0.000222	-0.0007671	-0.0006272
335	473968.71, 3847655.61	2.08693	7.17147	5.78759	-0.000264	-0.0009073	-0.0007322	-0.0001234	-0.0004241	-0.0003422	-0.0002437	-0.0008375	-0.0006759
336	473968.71, 3847680.61	2.35611	8.18361	6.61983	-0.0002981	-0.0010353	-0.0008375	-0.0001393	-0.0004839	-0.0003915	-0.0002752	-0.0009557	-0.0007731
337	473968.71, 3847705.61	2.70748	9.63059	7.72905	-0.0003425	-0.0012184	-0.0009778	-0.0001601	-0.0005695	-0.0004571	-0.0003162	-0.0011247	-0.0009026
338	473968.71, 3847730.61	3.09256	11.3005	8.79195	-0.0003913	-0.0014297	-0.0011123	-0.0001829	-0.0006682	-0.0005199	-0.0003612	-0.0013197	-0.0010267
339	473968.71, 3847755.61	3.59868	13.6319	10.438	-0.0004553	-0.0017246	-0.0013206	-0.0002128	-0.0008061	-0.0006172	-0.0004203	-0.001592	-0.001219
340	473968.71, 3847780.61	4.26344	16.7013	12.6657	-0.0005394	-0.0021129	-0.0016024	-0.0002521	-0.0009876	-0.000749	-0.0004979	-0.0019504	-0.0014791
341	473968.71, 3847805.61	4.97493	19.7582	14.9266	-0.0006294	-0.0024997	-0.0018884	-0.0002942	-0.0011684	-0.0008827	-0.000581	-0.0023074	-0.0017432
342	473968.71, 3847830.61	6.28065	24.9578	18.9832	-0.0007946	-0.0031575	-0.0024016	-0.0003714	-0.0014759	-0.0011226	-0.0007335	-0.0029146	-0.0022169
343	473968.71, 3847855.61	8.10115	31.0825	24.3045	-0.0010249	-0.0039324	-0.0030749	-0.0004791	-0.001838	-0.0014372	-0.0009461	-0.0036299	-0.0028383
344	473968.71, 3847880.61	10.4685	37.679	30.295	-0.0013244	-0.0047669	-0.0038327	-0.000619	-0.0022281	-0.0017915	-0.0012225	-0.0044003	-0.0035379
345	473993.71, 3847605.61	1.53114	4.85798	4.06571	-0.0001937	-0.0006146	-0.0005144	-9.054E-05	-0.0002873	-0.0002404	-0.0001788	-0.0005673	-0.0004748
346	473993.71, 3847630.61	1.5821	4.80868	3.90032	-0.0002002	-0.0006084	-0.0004934	-9.356E-05	-0.0002844	-0.0002306	-0.0001848	-0.0005616	-0.0004555
347	473993.71, 3847655.61	1.6344	4.74324	3.86564	-0.0002068	-0.0006001	-0.0004891	-9.665E-05	-0.0002805	-0.0002286	-0.0001909	-0.0005539	-0.0004514
348	473993.71, 3847680.61	1.94433	5.96731	4.88618	-0.000246	-0.0007549	-0.0006182	-0.000115	-0.0003529	-0.0002889	-0.0002271	-0.0006969	-0.0005706
349	473993.71, 3847705.61	2.37053	7.77064	6.41016	-0.0002999	-0.0009831	-0.000811	-0.0001402	-0.0004595	-0.0003791	-0.0002768	-0.0009075	-0.0007486
350	473993.71, 3847730.61	2.8018	9.64746	7.71957	-0.0003545	-0.0012205	-0.0009766	-0.0001657	-0.0005705	-0.0004565	-0.0003272	-0.0011267	-0.0009015
351	473993.71, 3847755.61	3.29482	11.8914	9.23085	-0.0004168	-0.0015044	-0.0011678	-0.0001948	-0.0007032	-0.0005459	-0.0003848	-0.0013887	-0.001078
352	473993.71, 3847780.61	3.88133	14.5986	11.3398	-0.000491	-0.0018469	-0.0014346	-0.0002295	-0.0008633	-0.0006706	-0.0004533	-0.0017049	-0.0013243
353	473993.71, 3847805.61	4.44676	17.0938	13.2086	-0.0005626	-0.0021626	-0.0016711	-0.000263	-0.0010108	-0.0007811	-0.0005193	-0.0019963	-0.0015425
354	473993.71, 3847830.61	5.54545	21.7761	16.791	-0.0007016	-0.002755	-0.0021243	-0.0003279	-0.0012877	-0.0009929	-0.0006476	-0.0025431	-0.0019609
355	473993.71, 3847855.61	6.67453	25.9733	19.801	-0.0008444	-0.003286	-0.0025051	-0.0003947	-0.0015359	-0.0011709	-0.0007795	-0.0030332	-0.0023124
356	473993.71, 3847880.61	8.57691	32.3043	25.3332	-0.0010851	-0.0040869	-0.003205	-0.0005072	-0.0019103	-0.0014981	-0.0010016	-0.0037726	-0.0029585
357	473993.71, 3847905.61	11.537	40.3627	32.8288	-0.0014596	-0.0051064	-0.0041533	-0.0006822	-0.0023868	-0.0019413	-0.0013473	-0.0047137	-0.0038338
358	474018.71, 3847630.61	1.42425	4.21253	3.32294	-0.0001802	-0.0005329	-0.0004204	-8.422E-05	-0.0002491	-0.0001965	-0.0001663	-0.000492	-0.0003881
359	474018.71, 3847655.61	1.47908	4.26432	3.48181	-0.0001871	-0.0005395	-0.0004405	-8.746E-05	-0.0002522	-0.0002059	-0.0001727	-0.000498	-0.0004066
360	474018.71, 3847680.61	1.80814	5.33813	4.43678	-0.0002288	-0.0006753	-0.0005613	-0.0001069	-0.0003157	-0.0002624	-0.0002112	-0.0006234	-0.0005181
361	474018.71, 3847705.61	2.11897	6.41447	5.44823	-0.0002681	-0.0008115	-0.0006893	-0.0001253	-0.0003793	-0.0003222	-0.0002475	-0.0007491	-0.0006363
362	474018.71, 3847730.61	2.53382	8.16322	6.83899	-0.0003206	-0.0010328	-0.0008652	-0.0001498	-0.0004827	-0.0004044	-0.0002959	-0.0009533	-0.0007987
363	474018.71, 3847755.61	3.03611	10.4106	8.43196	-0.0003841	-0.0013171	-0.0010668	-0.0001795	-0.0006156	-0.0004986	-0.0003546	-0.0012158	-0.0009847
364	474018.71, 3847780.61	3.61	13.033	10.2888	-0.0004567	-0.0016489	-0.0013017	-0.0002135	-0.0007707	-0.0006084	-0.0004216	-0.001522	-0.0012016
365	474018.71, 3847805.61	4.32574	16.2809	12.768	-0.0005473	-0.0020598	-0.0016153	-0.0002558	-0.0009628	-0.000755	-0.0005052	-0.0019013	-0.0014911
366	474018.71, 3847830.61	4.96608	19.0234	14.8174	-0.0006283	-0.0024067	-0.0018746	-0.0002937	-0.0011249	-0.0008762	-0.00058	-0.0022216	-0.0017304
367	474018.71, 3847855.61	5.79367	22.2826	17.3029	-0.000733	-0.0028191	-0.0021891	-0.0003426	-0.0013177	-0.0010232	-0.0006766	-0.0026022	-0.0020207
368	474018.71, 3847880.61	7.09305	26.9296	20.6212	-0.0008974	-0.003407	-0.0026089	-0.0004194	-0.0015925	-0.0012194	-0.0008283	-0.0031449	-0.0024082
369	474018.71, 3847905.61	9.60454	34.8951	27.7389	-0.0012151	-0.0044147	-0.0035093	-0.000568	-0.0020635	-0.0016403	-0.0011216	-0.0040751	-0.0032394
370	474018.71, 3847930.61	12.6164	43.3622	35.4924	-0.0015961	-0.0054859	-0.0044903	-0.0007461	-0.0025642	-0.0020988	-0.0014734	-0.0050639	-0.0041449
371	474043.71, 3847630.61	1.36158	4.03905	3.18973	-0.0001723	-0.000511	-0.0004035	-8.052E-05	-0.0002388	-0.0001886	-0.000159	-0.0004717	-0.0003725
372	474043.71, 3847655.61	1.42737	4.14269	3.35103	-0.0001806	-0.0005241	-0.000424	-8.441E-05	-0.000245	-0.0001982	-0.0001667	-0.0004838	-0.0003913
373	474043.71, 3847680.61	1.68035	4.91213	4.00861	-0.0002126	-0.0006215	-0.0005071	-9.937E-05	-0.0002905	-0.000237	-0.0001962	-0.0005737	-0.0004681
374	474043.71, 3847705.61	1.91827	5.65618	4.70095	-0.0002427	-0.0007156	-0.0005947	-0.0001134	-0.0003345	-0.000278	-0.000224	-0.0006605	-0.000549
375	474043.71, 3847730.61	2.20435	6.57135	5.55183	-0.0002789	-0.0008314	-0.0007024	-0.0001304	-0.0003886	-0.0003283	-0.0002574	-0.0007674	-0.0006484
376	474043.71, 3847755.61	2.62643	8.2552	6.88356	-0.0003323	-0.0010444	-0.0008709	-0.0001553	-0.0004882	-0.0004071	-0.0003067	-0.0009641	-0.0008039
377	474043.71, 3847780.61	3.22955	11.0001	8.84873	-0.0004086	-0.0013917	-0.0011195	-0.000191	-0.0006505	-0.0005233	-0.0003772	-0.0012846	-0.0010334
378	474043.71, 3847805.61	3.90215	14.0582	11.2097	-0.0004937	-0.0017786	-0.0014182	-0.0002308	-0.0008313	-0.0006629	-0.0004557	-0.0016418	-0.0013091
379	474043.71, 3847830.61	4.42835	16.3566	12.9828	-0.0005602	-0.0020693	-0.0016425	-0.0002619	-0.0009672	-0.0007677	-0.0005172	-0.0019102	-0.0015162
380	474043.71, 3847855.61	5.24358	19.7484	15.4971	-0.0006634	-0.0024984	-0.0019606	-0.0003101	-0.0011678	-0.0009164	-0.0006124	-0.0023063	-0.0018098

381	474043.71, 3847880.61	6.40933	24.1912	19.1068	-0.0008109	-0.0030605	-0.0024173	-0.000379	-0.0014305	-0.0011299	-0.0007485	-0.0028251	-0.0022313
382	474043.71, 3847905.61	8.18693	30.3178	23.9495	-0.0010358	-0.0038356	-0.0030299	-0.0004841	-0.0017928	-0.0014162	-0.0009561	-0.0035406	-0.0027969
383	474043.71, 3847930.61	10.6158	37.4837	30.358	-0.001343	-0.0047422	-0.0038407	-0.0006278	-0.0022166	-0.0017952	-0.0012397	-0.0043774	-0.0035453
384	474068.71, 3847655.61	1.37897	4.00989	3.20162	-0.0001745	-0.0005073	-0.000405	-8.154E-05	-0.0002371	-0.0001893	-0.000161	-0.0004683	-0.0003739
385	474068.71, 3847680.61	1.55211	4.5387	3.71364	-0.0001964	-0.0005742	-0.0004698	-9.178E-05	-0.0002684	-0.0002196	-0.0001813	-0.00053	-0.0004337
386	474068.71, 3847705.61	1.77025	5.17004	4.22992	-0.000224	-0.0006541	-0.0005351	-0.0001047	-0.0003057	-0.0002501	-0.0002067	-0.0006038	-0.000494
387	474068.71, 3847730.61	1.9165	5.49886	4.51332	-0.0002425	-0.0006957	-0.000571	-0.0001133	-0.0003252	-0.0002669	-0.0002238	-0.0006422	-0.0005271
388	474068.71, 3847755.61	2.19561	6.33072	5.20905	-0.0002778	-0.0008009	-0.000659	-0.0001298	-0.0003744	-0.000308	-0.0002564	-0.0007393	-0.0006083
389	474068.71, 3847780.61	2.78886	8.72331	7.28187	-0.0003528	-0.0011036	-0.0009213	-0.0001649	-0.0005158	-0.0004306	-0.0003257	-0.0010187	-0.0008504
390	474068.71, 3847805.61	3.38243	11.4176	9.29077	-0.0004279	-0.0014445	-0.0011754	-0.0002	-0.0006752	-0.0005494	-0.000395	-0.0013334	-0.001085
391	474068.71, 3847830.61	3.93959	13.9076	11.624	-0.0004984	-0.0017595	-0.0014706	-0.000233	-0.0008224	-0.0006874	-0.0004601	-0.0016242	-0.0013575
392	474068.71, 3847855.61	4.68198	17.1011	13.6081	-0.0005923	-0.0021635	-0.0017216	-0.0002769	-0.0010113	-0.0008047	-0.0005468	-0.0019971	-0.0015892
393	474068.71, 3847880.61	5.67253	21.0827	16.7275	-0.0007177	-0.0026673	-0.0021163	-0.0003354	-0.0012467	-0.0009892	-0.0006625	-0.0024621	-0.0019535
394	474068.71, 3847905.61	6.99244	25.91	20.7138	-0.0008846	-0.003278	-0.0026206	-0.0004135	-0.0015322	-0.0012249	-0.0008166	-0.0030258	-0.002419
395	474068.71, 3847930.61	9.12216	32.9131	26.5232	-0.0011541	-0.004164	-0.0033555	-0.0005394	-0.0019463	-0.0015684	-0.0010653	-0.0038437	-0.0030975
396	474068.71, 3847955.61	11.4767	39.5704	32.3528	-0.001452	-0.0050062	-0.0040931	-0.0006787	-0.00234	-0.0019132	-0.0013403	-0.0046211	-0.0037783
397	474093.71, 3847655.61	1.40892	4.23987	3.40436	-0.0001782	-0.0005364	-0.0004307	-8.332E-05	-0.0002507	-0.0002013	-0.0001645	-0.0004951	-0.0003976
398	474093.71, 3847680.61	1.53371	4.5638	3.72814	-0.000194	-0.0005774	-0.0004717	-9.069E-05	-0.0002699	-0.0002205	-0.0001791	-0.000533	-0.0004354
399	474093.71, 3847705.61	1.63951	4.75366	3.90116	-0.0002074	-0.0006014	-0.0004936	-9.695E-05	-0.0002811	-0.0002307	-0.0001915	-0.0005551	-0.0004556
400	474093.71, 3847730.61	1.82974	5.28182	4.33751	-0.0002315	-0.0006682	-0.0005488	-0.0001082	-0.0003123	-0.0002565	-0.0002137	-0.0006168	-0.0005065
401	474093.71, 3847755.61	2.1056	6.13575	5.00699	-0.0002664	-0.0007763	-0.0006335	-0.0001245	-0.0003628	-0.0002961	-0.0002459	-0.0007165	-0.0005847
402	474093.71, 3847780.61	2.49017	7.39005	6.18588	-0.000315	-0.0009349	-0.0007826	-0.0001473	-0.000437	-0.0003658	-0.0002908	-0.000863	-0.0007224
403	474093.71, 3847805.61	3.0126	9.49271	7.921	-0.0003811	-0.001201	-0.0010021	-0.0001781	-0.0005613	-0.0004684	-0.0003518	-0.0011086	-0.000925
404	474093.71, 3847830.61	3.55757	11.9379	10.3735	-0.0004501	-0.0015103	-0.0013124	-0.0002104	-0.0007059	-0.0006134	-0.0004155	-0.0013941	-0.0012114
405	474093.71, 3847855.61	4.25672	14.9795	12.4448	-0.0005385	-0.0018951	-0.0015744	-0.0002517	-0.0008858	-0.0007359	-0.0004971	-0.0017493	-0.0014533
406	474093.71, 3847880.61	5.10329	18.4793	14.8904	-0.0006456	-0.0023379	-0.0018838	-0.0003018	-0.0010928	-0.0008805	-0.000596	-0.0021581	-0.0017389
407	474093.71, 3847905.61	6.17008	22.5852	18.2459	-0.0007806	-0.0028573	-0.0023084	-0.0003649	-0.0013356	-0.001079	-0.0007206	-0.0026376	-0.0021308
408	474093.71, 3847930.61	7.78893	28.2305	22.7127	-0.0009854	-0.0035715	-0.0028735	-0.0004606	-0.0016694	-0.0013431	-0.0009096	-0.0032968	-0.0026524
409	474093.71, 3847955.61	9.88147	34.5829	28.0282	-0.0012501	-0.0043752	-0.003546	-0.0005843	-0.002045	-0.0016574	-0.001154	-0.0040387	-0.0032732
410	474093.71, 3847980.61	12.346	41.4814	33.6732	-0.0015619	-0.005248	-0.0042601	-0.0007301	-0.002453	-0.0019912	-0.0014418	-0.0048443	-0.0039324
411	474118.71, 3847680.61	1.52924	4.63846	3.79483	-0.0001935	-0.0005868	-0.0004801	-9.043E-05	-0.0002743	-0.0002244	-0.0001786	-0.0005417	-0.0004432
412	474118.71, 3847705.61	1.69844	5.1484	4.2799	-0.0002149	-0.0006513	-0.0005415	-0.0001004	-0.0003044	-0.0002531	-0.0001983	-0.0006012	-0.0004998
413	474118.71, 3847730.61	1.85622	5.52144	4.54068	-0.0002348	-0.0006985	-0.0005745	-0.0001098	-0.0003265	-0.0002685	-0.0002168	-0.0006448	-0.0005303
414	474118.71, 3847755.61	2.08915	6.24532	5.19301	-0.0002643	-0.0007901	-0.000657	-0.0001235	-0.0003693	-0.0003071	-0.000244	-0.0007293	-0.0006065
415	474118.71, 3847780.61	2.37744	7.12917	6.02067	-0.0003008	-0.0009019	-0.0007617	-0.0001406	-0.0004216	-0.000356	-0.0002776	-0.0008326	-0.0007031
416	474118.71, 3847805.61	2.71708	8.10337	7.00572	-0.0003437	-0.0010252	-0.0008863	-0.0001607	-0.0004792	-0.0004143	-0.0003173	-0.0009463	-0.0008181
417	474118.71, 3847830.61	3.30308	10.5666	9.37056	-0.0004179	-0.0013368	-0.0011855	-0.0001953	-0.0006248	-0.0005541	-0.0003857	-0.001234	-0.0010943
418	474118.71, 3847855.61	3.95837	13.4211	11.7534	-0.0005008	-0.001698	-0.001487	-0.0002341	-0.0007936	-0.000695	-0.0004623	-0.0015674	-0.0013726
419	474118.71, 3847880.61	4.62006	16.1947	13.4024	-0.0005845	-0.0020489	-0.0016956	-0.0002732	-0.0009577	-0.0007925	-0.0005395	-0.0018913	-0.0015652
420	474118.71, 3847905.61	5.45243	19.5036	15.9242	-0.0006898	-0.0024675	-0.0020146	-0.0003224	-0.0011533	-0.0009417	-0.0006367	-0.0022777	-0.0018597
421	474118.71, 3847930.61	6.86496	24.5437	20.1603	-0.0008685	-0.0031051	-0.0025506	-0.000406	-0.0014514	-0.0011922	-0.0008017	-0.0028663	-0.0023544
422	474118.71, 3847955.61	8.59948	30.6706	25.2974	-0.001088	-0.0038803	-0.0032005	-0.0005085	-0.0018137	-0.0014959	-0.0010043	-0.0035818	-0.0029543
423	474118.71, 3847980.61	10.4383	35.6249	29.6687	-0.0013206	-0.004507	-0.0037535	-0.0006173	-0.0021066	-0.0017544	-0.001219	-0.0041604	-0.0034648
424	474143.71, 3847680.61	1.49018	4.5439	3.69838	-0.0001885	-0.0005749	-0.0004679	-8.812E-05	-0.0002687	-0.0002187	-0.000174	-0.0005306	-0.0004319
425	474143.71, 3847705.61	1.62364	4.91716	4.05605	-0.0002054	-0.0006221	-0.0005131	-9.601E-05	-0.0002908	-0.0002399	-0.0001896	-0.0005742	-0.0004737
426	474143.71, 3847730.61	1.67591	4.86699	3.94717	-0.000212	-0.0006157	-0.0004994	-9.91E-05	-0.0002878	-0.0002334	-0.0001957	-0.0005684	-0.000461
427	474143.71, 3847755.61	1.82547	5.24529	4.2598	-0.0002309	-0.0006636	-0.0005389	-0.0001079	-0.0003102	-0.0002519	-0.0002132	-0.0006126	-0.0004975
428	474143.71, 3847780.61	2.11564	6.18546	5.05486	-0.0002677	-0.0007825	-0.0006395	-0.0001251	-0.0003658	-0.0002989	-0.0002471	-0.0007224	-0.0005903
429	474143.71, 3847805.61	2.4462	7.20539	6.1007	-0.0003095	-0.0009116	-0.0007718	-0.0001447	-0.0004261	-0.0003608	-0.0002857	-0.0008415	-0.0007125
430	474143.71, 3847830.61	3.0412	9.43031	8.35243	-0.0003848	-0.0011931	-0.0010567	-0.0001798	-0.0005577	-0.0004939	-0.0003552	-0.0011013	-0.0009754
431	474143.71, 3847855.61	3.64892	11.9465	10.9437	-0.0004616	-0.0015114	-0.0013845	-0.0002158	-0.0007064	-0.0006471	-0.0004261	-0.0013951	-0.001278
432	474143.71, 3847880.61	4.3054	14.6184	12.7096	-0.0005447	-0.0018494	-0.0016079	-0.0002546	-0.0008644	-0.0007516	-0.0005028	-0.0017072	-0.0014843
433	474143.71, 3847905.61	5.05087	17.6081	14.8267	-0.000639	-0.0022277	-0.0018758	-0.0002987	-0.0010412	-0.0008768	-0.0005899	-0.0020563	-0.0017315
434	474143.71, 3847930.61	5.94155	20.9302	17.4967	-0.0007517	-0.002648	-0.0022136	-0.0003513	-0.0012377	-0.0010347	-0.0006939	-0.0024443	-0.0020433
435	474143.71, 3847955.61	7.19532	25.2693	20.9109	-0.0009103	-0.0031969	-0.0026455	-0.0004255	-0.0014943	-0.0012365	-0.0008403	-0.002951	-0.002442
436	474143.71, 3847980.61	8.97223	31.3431	25.9249	-0.0011351	-0.0039653	-0.0032799	-0.0005306	-0.0018534	-0.001533	-0.0010478	-0.0036603	-0.0030276
437	474143.71, 3848005.61	11.0012	36.7151	30.8028	-0.0013918	-0.004645	-0.003897	-0.0006505	-0.0021711	-0.0018215	-0.0012847	-0.0042877	-0.0035972
438	474168.71, 3847705.61	1.53425	4.60469	3.76335	-0.0001941	-0.0005826	-0.0004761	-9.073E-05	-0.0002723	-0.0002225	-0.0001792	-0.0005377	-0.0004395
439	474168.71, 3847730.61	1.57634	4.55392	3.71057	-0.0001994	-0.0005761	-0.0004694	-9.322E-05	-0.0002693	-0.0002194	-0.0001841	-0.0005318	-0.0004333
440	474168.71, 3847755.61	1.72007	4.93518	4.02506	-0.0002176	-0.0006244	-0.0005092	-0.0001017	-0.0002918	-0.000238	-0.0002009	-0.0005763	-0.0004701
441	474168.71, 3847780.61	2.00287	5.86906	4.74255	-0.0002534	-0.0007425	-0.0006	-0.0001184	-0.0003471	-0.0002804	-0.0002339	-0.0006854	-0.0005538
442	474168.71, 3847805.61	2.33945	6.97387	5.87249	-0.000296	-0.0008823	-0.000743	-0.0001383	-0.0004124	-0.0003473	-0.0002732	-0.0008144	-0.0006858
443	474168.71, 3847830.61	2.83597	8.73295	7.55603	-0.0003588	-0.0011048	-0.0009559	-0.0001677	-0.0005164	-0.0004468	-0.0003312	-0.0010199	-0.0008824
444	474168.71, 3847855.61	3.36263	10.937	9.94397	-0.0004254	-0.0013837	-0.001258	-0.0001988	-0.0006467	-0.000588	-0.0003927	-0.0012773	-0.0011613
445	474168.71, 3847880.61	3.95371	13.2948	11.8013	-0.0005002	-0.001682	-0.001493	-0.0002338	-0.0007862	-0.0006979	-0.0004617	-0.0015526	-0.0013782
446	474168.71, 3847905.61	4.61232	15.7411	13.6186	-0.0005835	-0.0019915	-0.0017229	-0.0002727	-0.0009308	-0.0008053	-0.0005386	-0.0018383	-0.0015904
447	474168.71, 3847930.61	5.31353	18.4612	15.7282	-0.0006722	-0.0023356	-0.0019898	-0.0003142	-0.0010917	-0.0009301	-0.0006205	-0.0021559	-0.0018368
448	474168.71, 3847955.61	6.06311	21.3568	17.713	-0.0007671	-0.0027019	-0.0022409	-0.0003585	-0.0012629	-0.0010474	-0.0007081	-0.0024941	-0.0020686
449	474168.71, 3847980.61	7.81574	27.2108	22.4196	-0.0009888	-0.0034425	-0.0028364	-0.0004622	-0.0016091	-0.0013258	-0.0009127	-0.0031778	-0.0026182
450	474168.71, 3848005.61	9.49704	32.3914	27.3041	-0.0012015	-0.004098	-0.0034543	-0.0005616	-0.0019154	-0.0016146	-0.0011091	-0.0037828	-0.0031886
451	474168.71, 3848030.61	11.3151	37.5009	31.8429	-0.0014315	-0.0047444	-0.0040286	-0.0006691	-0.0022176	-0.001883	-0.0013214	-0.0043795	-0.0037187
452	474193.71, 3847705.61	1.48161	4.43624	3.66265	-0.0001874	-0.0005612	-0.0004634	-8.761E-05	-0.0002623	-0.0002166	-0.000173	-0.0005181	-0.0004277
453	474193.71, 3847730.61	1.59954	4.76316	3.95606	-0.0002024	-0.0006026	-0.0005005	-9.459E-05	-0.0002817	-0.0002339	-0.0001868	-0.0005563	-0.000462
454	474193.71, 3847755.61	1.71225	5.00434	4.067	-0.0002166	-0.0006331	-0.0005145	-0.0001013	-0.0002959	-0.0002405	-0.0002	-0.0005844	-0.000475
455	474193.71, 3847780.61	1.91135	5.66442	4.65811	-0.0002418	-0.0007166	-0.0005893	-0.000113	-0.000335	-0.0002755	-0.0002232	-0.0006615	-0.000544
456	474193.71, 3847805.61	2.23712	6.73215	5.55541	-0.000283	-0.0008517	-0.0007028	-0.0001323	-0.0003981	-0.0003285	-0.0002613	-0.0007862	-0.0006488
457	474193.71, 3847830.61	2.74072	8.56805	7.3851	-0.0003467	-0.001084	-0.0009343	-0.0001621	-0.0005067	-0.0004367	-0.0003201	-0.0010006	-0.0008625

458	474193.71, 3847855.61	3.21104	10.585	9.30197	-0.0004062	-0.0013391	-0.0011768	-0.0001899	-0.0006259	-0.0005501	-0.000375	-0.0012361	-0.0010863
459	474193.71, 3847880.61	3.67557	12.4221	11.1009	-0.000465	-0.0015716	-0.0014044	-0.0002174	-0.0007346	-0.0006564	-0.0004292	-0.0014507	-0.0012964
460	474193.71, 3847905.61	4.14222	14.0417	12.2081	-0.000524	-0.0017765	-0.0015445	-0.0002449	-0.0008303	-0.0007219	-0.0004837	-0.0016398	-0.0014257
461	474193.71, 3847930.61	4.66233	16.1962	13.8358	-0.0005898	-0.002049	-0.0017504	-0.0002757	-0.0009577	-0.0008182	-0.0005445	-0.0018914	-0.0016158
462	474193.71, 3847955.61	5.59805	19.7443	16.5975	-0.0007082	-0.0024979	-0.0020998	-0.000331	-0.0011676	-0.0009815	-0.0006538	-0.0023058	-0.0019383
463	474193.71, 3847980.61	6.81692	24.0754	19.8928	-0.0008624	-0.0030459	-0.0025167	-0.0004031	-0.0014237	-0.0011763	-0.0007961	-0.0028116	-0.0023231
464	474193.71, 3848005.61	8.2081	28.6958	24.1508	-0.0010384	-0.0036304	-0.0030554	-0.0004854	-0.0016969	-0.0014281	-0.0009586	-0.0033512	-0.0028204
465	474193.71, 3848030.61	9.58367	32.5026	27.6855	-0.0012125	-0.004112	-0.0035026	-0.0005667	-0.001922	-0.0016372	-0.0011192	-0.0037957	-0.0032332
466	474193.71, 3848055.61	11.4731	37.8326	32.703	-0.0014515	-0.0047863	-0.0041374	-0.0006784	-0.0022372	-0.0019339	-0.0013399	-0.0044182	-0.0038191
467	474218.71, 3847730.61	1.60089	4.83262	4.15283	-0.0002025	-0.0006114	-0.0005254	-9.467E-05	-0.0002858	-0.0002456	-0.000187	-0.0005644	-0.000485
468	474218.71, 3847755.61	1.75265	5.31599	4.55081	-0.0002217	-0.0006725	-0.0005757	-0.0001036	-0.0003144	-0.0002691	-0.0002047	-0.0006208	-0.0005315
469	474218.71, 3847780.61	1.95063	5.97198	5.04249	-0.0002468	-0.0007555	-0.0006379	-0.0001153	-0.0003531	-0.0002982	-0.0002278	-0.0006974	-0.0005889
470	474218.71, 3847805.61	2.17136	6.61816	5.44928	-0.0002747	-0.0008373	-0.0006894	-0.0001284	-0.0003914	-0.0003222	-0.0002536	-0.0007729	-0.0006364
471	474218.71, 3847830.61	2.60526	8.14839	6.99585	-0.0003296	-0.0010309	-0.0008851	-0.0001541	-0.0004818	-0.0004137	-0.0003042	-0.0009516	-0.000817
472	474218.71, 3847855.61	2.9712	9.67933	8.39207	-0.0003759	-0.0012246	-0.0010617	-0.0001757	-0.0005724	-0.0004963	-0.000347	-0.0011304	-0.00098
473	474218.71, 3847880.61	3.34034	11.1201	9.96481	-0.0004226	-0.0014068	-0.0012607	-0.0001975	-0.0006576	-0.0005893	-0.0003901	-0.0012986	-0.0011637
474	474218.71, 3847905.61	3.79211	12.9734	11.3066	-0.0004798	-0.0016413	-0.0014304	-0.0002242	-0.0007672	-0.0006686	-0.0004429	-0.0015151	-0.0013204
475	474218.71, 3847930.61	4.33741	14.9528	12.9614	-0.0005487	-0.0018917	-0.0016398	-0.0002565	-0.0008842	-0.0007665	-0.0005065	-0.0017462	-0.0015137
476	474218.71, 3847955.61	5.07533	18.0102	15.2257	-0.0006421	-0.0022785	-0.0019263	-0.0003001	-0.001065	-0.0009004	-0.0005927	-0.0021033	-0.0017781
477	474218.71, 3847980.61	5.89983	21.1019	17.4767	-0.0007464	-0.0026697	-0.002211	-0.0003489	-0.0012478	-0.0010335	-0.000689	-0.0024643	-0.002041
478	474218.71, 3848005.61	6.71528	24.1447	19.4514	-0.0008496	-0.0030546	-0.0024609	-0.0003971	-0.0014278	-0.0011502	-0.0007842	-0.0028197	-0.0022716
479	474218.71, 3848030.61	8.00086	28.0937	23.4092	-0.0010122	-0.0035542	-0.0029616	-0.0004731	-0.0016613	-0.0013843	-0.0009344	-0.0032809	-0.0027338
480	474218.71, 3848055.61	9.82096	32.6765	28.6124	-0.0012425	-0.004134	-0.0036199	-0.0005808	-0.0019323	-0.001692	-0.0011469	-0.003816	-0.0033414
481	474218.71, 3848080.61	11.7268	38.2494	33.4682	-0.0014836	-0.0048391	-0.0042342	-0.0006935	-0.0022618	-0.0019791	-0.0013695	-0.0044669	-0.0039085
482	474243.71, 3847755.61	1.71406	5.20865	4.55151	-0.0002169	-0.000659	-0.0005758	-0.0001014	-0.000308	-0.0002691	-0.0002002	-0.0006083	-0.0005315
483	474243.71, 3847780.61	1.89016	5.79782	4.97166	-0.0002391	-0.0007335	-0.000629	-0.0001118	-0.0003428	-0.000294	-0.0002207	-0.0006771	-0.0005806
484	474243.71, 3847805.61	2.09693	6.46921	5.53637	-0.0002653	-0.0008184	-0.0007004	-0.000124	-0.0003826	-0.0003274	-0.0002449	-0.0007555	-0.0006466
485	474243.71, 3847830.61	2.438	7.59234	6.53965	-0.0003084	-0.0009605	-0.0008274	-0.0001442	-0.000449	-0.0003867	-0.0002847	-0.0008867	-0.0007637
486	474243.71, 3847855.61	2.74973	8.81697	7.48702	-0.0003479	-0.0011155	-0.0009472	-0.0001626	-0.0005214	-0.0004427	-0.0003211	-0.0010297	-0.0008744
487	474243.71, 3847880.61	3.12237	10.5283	9.14152	-0.000395	-0.001332	-0.0011565	-0.0001846	-0.0006226	-0.0005406	-0.0003646	-0.0012295	-0.0010676
488	474243.71, 3847905.61	3.5547	12.2557	10.74	-0.0004497	-0.0015505	-0.0013588	-0.0002102	-0.0007247	-0.0006351	-0.0004151	-0.0014313	-0.0012542
489	474243.71, 3847930.61	4.07964	14.2676	12.3158	-0.0005161	-0.001805	-0.0015581	-0.0002412	-0.0008437	-0.0007283	-0.0004764	-0.0016662	-0.0014383
490	474243.71, 3847955.61	4.66306	16.5242	14.1414	-0.0005899	-0.0020905	-0.0017891	-0.0002757	-0.0009771	-0.0008362	-0.0005446	-0.0019297	-0.0016515
491	474243.71, 3847980.61	5.24071	19.0291	15.7386	-0.000663	-0.0024074	-0.0019912	-0.0003099	-0.0011253	-0.0009307	-0.000612	-0.0022223	-0.001838
492	474243.71, 3848005.61	5.90897	21.7146	17.4702	-0.0007476	-0.0027472	-0.0022102	-0.0003494	-0.0012841	-0.0010331	-0.0006901	-0.0025359	-0.0020402
493	474243.71, 3848030.61	6.62931	24.1418	19.3206	-0.0008387	-0.0030543	-0.0024443	-0.000392	-0.0014276	-0.0011425	-0.0007742	-0.0028193	-0.0022563
494	474243.71, 3848055.61	7.51968	26.2595	21.6746	-0.0009513	-0.0033222	-0.0027421	-0.0004447	-0.0015528	-0.0012817	-0.0008782	-0.0030667	-0.0025312
495	474243.71, 3848080.61	9.80815	32.8982	28.7807	-0.0012409	-0.0041621	-0.0036412	-0.00058	-0.0019454	-0.0017019	-0.0011454	-0.0038419	-0.0033611
496	474243.71, 3848105.61	12.0053	38.7137	34.001	-0.0015188	-0.0048978	-0.0043016	-0.0007099	-0.0022893	-0.0020106	-0.001402	-0.0045211	-0.0039707
497	474268.71, 3847755.61	1.63362	4.89904	4.33429	-0.0002067	-0.0006198	-0.0005483	-9.66E-05	-0.0002897	-0.0002563	-0.0001908	-0.0005721	-0.0005062
498	474268.71, 3847780.61	1.77446	5.36203	4.62619	-0.0002245	-0.0006784	-0.0005853	-0.0001049	-0.0003171	-0.0002736	-0.0002072	-0.0006262	-0.0005403
499	474268.71, 3847805.61	1.97272	6.03834	5.17751	-0.0002496	-0.0007639	-0.000655	-0.0001167	-0.0003571	-0.0003062	-0.0002304	-0.0007052	-0.0006046
500	474268.71, 3847830.61	2.26464	7.03696	6.14337	-0.0002865	-0.0008903	-0.0007772	-0.0001339	-0.0004161	-0.0003633	-0.0002645	-0.0008218	-0.0007174
501	474268.71, 3847855.61	2.57984	8.37628	7.13495	-0.0003264	-0.0010597	-0.0009027	-0.0001526	-0.0004953	-0.0004219	-0.0003013	-0.0009782	-0.0008332
502	474268.71, 3847880.61	2.91377	9.77129	8.47479	-0.0003686	-0.0012362	-0.0010722	-0.0001723	-0.0005778	-0.0005011	-0.0003403	-0.0011411	-0.0009897
503	474268.71, 3847905.61	3.28979	11.3034	9.80318	-0.0004162	-0.00143	-0.0012402	-0.0001945	-0.0006684	-0.0005797	-0.0003842	-0.00132	-0.0011448
504	474268.71, 3847930.61	3.73451	13.0388	11.2834	-0.0004725	-0.0016496	-0.0014275	-0.0002208	-0.000771	-0.0006672	-0.0004361	-0.0015227	-0.0013177
505	474268.71, 3847955.61	4.16014	14.6779	12.627	-0.0005263	-0.001857	-0.0015975	-0.000246	-0.000868	-0.0007467	-0.0004858	-0.0017141	-0.0014746
506	474268.71, 3847980.61	4.59419	16.7954	13.8667	-0.0005812	-0.0021248	-0.0017543	-0.0002717	-0.0009932	-0.00082	-0.0005365	-0.0019614	-0.0016194
507	474268.71, 3848005.61	5.07174	18.9672	15.0829	-0.0006416	-0.0023996	-0.0019082	-0.0002999	-0.0011216	-0.0008919	-0.0005923	-0.002215	-0.0017614
508	474268.71, 3848030.61	5.72694	21.3946	16.7813	-0.0007245	-0.0027067	-0.0021231	-0.0003387	-0.0012652	-0.0009923	-0.0006688	-0.0024985	-0.0019598
509	474268.71, 3848055.61	6.7143	24.2859	19.4833	-0.0008495	-0.0030725	-0.0024649	-0.000397	-0.0014361	-0.0011521	-0.0007841	-0.0028362	-0.0022753
510	474268.71, 3848080.61	8.24207	27.7221	23.8608	-0.0010427	-0.0035072	-0.0030187	-0.0004874	-0.0016393	-0.001411	-0.0009625	-0.0032375	-0.0027865
511	474268.71, 3848105.61	10.163	33.3018	29.6448	-0.0012858	-0.0042131	-0.0037505	-0.000601	-0.0019693	-0.001753	-0.0011869	-0.0038891	-0.003462
512	474293.71, 3847780.61	1.73546	5.23144	4.62928	-0.0002196	-0.0006618	-0.0005857	-0.0001026	-0.0003094	-0.0002737	-0.0002027	-0.0006109	-0.0005406
513	474293.71, 3847805.61	1.92571	5.90066	5.18628	-0.0002436	-0.0007465	-0.0006561	-0.0001139	-0.0003489	-0.0003067	-0.0002249	-0.0006891	-0.0006057
514	474293.71, 3847830.61	2.16038	6.70506	5.92015	-0.0002733	-0.0008483	-0.000749	-0.0001278	-0.0003965	-0.0003501	-0.0002523	-0.000783	-0.0006914
515	474293.71, 3847855.61	2.4144	7.74415	6.65261	-0.0003055	-0.0009797	-0.0008416	-0.0001428	-0.0004579	-0.0003934	-0.000282	-0.0009044	-0.0007769
516	474293.71, 3847880.61	2.6883	8.6984	7.55221	-0.0003401	-0.0011005	-0.0009555	-0.000159	-0.0005144	-0.0004466	-0.0003139	-0.0010158	-0.000882
517	474293.71, 3847905.61	3.03578	10.1819	8.84182	-0.0003841	-0.0012882	-0.0011186	-0.0001795	-0.0006021	-0.0005229	-0.0003545	-0.0011891	-0.0010326
518	474293.71, 3847930.61	3.39839	11.6146	10.1074	-0.0004299	-0.0014694	-0.0012787	-0.000201	-0.0006868	-0.0005977	-0.0003969	-0.0013564	-0.0011804
519	474293.71, 3847955.61	3.68225	12.8372	11.0583	-0.0004659	-0.0016241	-0.001399	-0.0002177	-0.0007591	-0.0006539	-0.00043	-0.0014992	-0.0012914
520	474293.71, 3847980.61	4.03377	14.6772	12.1584	-0.0005103	-0.0018569	-0.0015382	-0.0002385	-0.0008679	-0.000719	-0.0004711	-0.001714	-0.0014199
521	474293.71, 3848005.61	4.53135	17.0129	13.5981	-0.0005733	-0.0021524	-0.0017203	-0.000268	-0.001006	-0.0008041	-0.0005292	-0.0019868	-0.001588
522	474293.71, 3848030.61	5.15698	19.5349	15.2702	-0.0006524	-0.0024714	-0.0019319	-0.000305	-0.0011552	-0.000903	-0.0006022	-0.0022813	-0.0017833
523	474293.71, 3848055.61	5.90323	21.9378	17.3739	-0.0007468	-0.0027754	-0.002198	-0.0003491	-0.0012973	-0.0010274	-0.0006894	-0.002562	-0.002029
524	474293.71, 3848080.61	6.90485	24.338	20.3535	-0.0008736	-0.0030791	-0.002575	-0.0004083	-0.0014392	-0.0012036	-0.0008064	-0.0028423	-0.0023769
525	474293.71, 3848105.61	8.59988	28.4214	25.1206	-0.001088	-0.0035957	-0.0031781	-0.0005085	-0.0016807	-0.0014855	-0.0010043	-0.0033191	-0.0029336
526	474293.71, 3848130.61	10.436	33.6986	30.3719	-0.0013203	-0.0042633	-0.0038425	-0.0006171	-0.0019927	-0.001796	-0.0012187	-0.0039354	-0.0035469
527	474318.71, 3847805.61	1.8461	5.60257	5.00593	-0.0002336	-0.0007088	-0.0006333	-0.0001092	-0.0003313	-0.000296	-0.0002156	-0.0006543	-0.0005846
528	474318.71, 3847830.61	2.04463	6.29422	5.60275	-0.0002587	-0.0007963	-0.0007088	-0.0001209	-0.0003722	-0.0003313	-0.0002388	-0.0007351	-0.0006543
529	474318.71, 3847855.61	2.24465	7.06193	6.12294	-0.000284	-0.0008934	-0.0007746	-0.0001327	-0.0004176	-0.0003621	-0.0002621	-0.0008247	-0.0007151
530	474318.71, 3847880.61	2.47823	7.83352	6.73263	-0.0003135	-0.000991	-0.0008518	-0.0001465	-0.0004632	-0.0003981	-0.0002894	-0.0009148	-0.0007863
531	474318.71, 3847905.61	2.76192	9.02954	7.84814	-0.0003494	-0.0011424	-0.0009929	-0.0001633	-0.000534	-0.0004641	-0.0003225	-0.0010545	-0.0009165
532	474318.71, 3847930.61	2.98149	9.76228	8.64658	-0.0003772	-0.0012351	-0.0010939	-0.0001763	-0.0005773	-0.0005113	-0.0003482	-0.0011401	-0.0010098
533	474318.71, 3847955.61	3.30031	11.2985	9.663	-0.0004175	-0.0014294	-0.0012225	-0.0001952	-0.0006681	-0.0005714	-0.0003854	-0.0013195	-0.0011285
534	474318.71, 3847980.61	3.63583	13.0967	10.8264	-0.00046	-0.0016569	-0.0013697	-0.000215	-0.0007745	-0.0006402	-0.0004246	-0.0015295	-0.0012643

535	474318.71, 3848005.61	4.07924	15.288	12.3273	-0.0005161	-0.0019341	-0.0015596	-0.0002412	-0.000904	-0.000729	-0.0004764	-0.0017854	-0.0014396
536	474318.71, 3848030.61	4.54522	17.3463	13.5745	-0.000575	-0.0021945	-0.0017174	-0.0002688	-0.0010258	-0.0008027	-0.0005308	-0.0020257	-0.0015853
537	474318.71, 3848055.61	5.03685	19.0602	14.842	-0.0006372	-0.0024114	-0.0018777	-0.0002978	-0.0011271	-0.0008777	-0.0005882	-0.0022259	-0.0017333
538	474318.71, 3848080.61	6.01765	22.0556	17.7025	-0.0007613	-0.0027903	-0.0022396	-0.0003558	-0.0013042	-0.0010468	-0.0007028	-0.0025757	-0.0020673
539	474318.71, 3848105.61	6.98397	23.9425	20.5123	-0.0008836	-0.0030291	-0.0025951	-0.000413	-0.0014158	-0.001213	-0.0008156	-0.0027961	-0.0023955
540	474318.71, 3848130.61	8.82117	28.757	26.0862	-0.001116	-0.0036382	-0.0033003	-0.0005216	-0.0017005	-0.0015426	-0.0010302	-0.0033583	-0.0030464
541	474318.71, 3848155.61	10.6503	34.0447	30.6497	-0.0013474	-0.0043071	-0.0038776	-0.0006298	-0.0020132	-0.0018124	-0.0012438	-0.0039758	-0.0035794
542	474343.71, 3847830.61	1.86479	5.59054	4.92069	-0.0002359	-0.0007073	-0.0006225	-0.0001103	-0.0003306	-0.000291	-0.0002178	-0.0006529	-0.0005747
543	474343.71, 3847855.61	1.99336	5.97936	5.25648	-0.0002522	-0.0007565	-0.000665	-0.0001179	-0.0003536	-0.0003108	-0.0002328	-0.0006983	-0.0006139
544	474343.71, 3847880.61	2.1651	6.60797	5.66897	-0.0002739	-0.000836	-0.0007172	-0.000128	-0.0003908	-0.0003352	-0.0002528	-0.0007717	-0.000662
545	474343.71, 3847905.61	2.39469	7.54158	6.52533	-0.000303	-0.0009541	-0.0008255	-0.0001416	-0.000446	-0.0003859	-0.0002797	-0.0008807	-0.000762
546	474343.71, 3847930.61	2.68907	8.74736	7.67848	-0.0003402	-0.0011067	-0.0009714	-0.000159	-0.0005173	-0.0004541	-0.000314	-0.0010215	-0.0008967
547	474343.71, 3847955.61	2.96288	9.89587	8.65699	-0.0003748	-0.001252	-0.0010952	-0.0001752	-0.0005852	-0.0005119	-0.000346	-0.0011557	-0.001011
548	474343.71, 3847980.61	3.27481	11.5831	9.32999	-0.0004143	-0.0014654	-0.0011804	-0.0001937	-0.000685	-0.0005517	-0.0003824	-0.0013527	-0.0010896
549	474343.71, 3848005.61	3.66534	13.5999	10.7557	-0.0004637	-0.0017206	-0.0013607	-0.0002167	-0.0008042	-0.000636	-0.000428	-0.0015882	-0.0012561
550	474343.71, 3848030.61	4.11366	15.6955	12.2281	-0.0005204	-0.0019857	-0.001547	-0.0002433	-0.0009281	-0.0007231	-0.0004804	-0.001833	-0.001428
551	474343.71, 3848055.61	4.62694	17.7145	13.6156	-0.0005854	-0.0022411	-0.0017226	-0.0002736	-0.0010475	-0.0008051	-0.0005403	-0.0020688	-0.0015901
552	474343.71, 3848080.61	5.18188	19.4464	15.0838	-0.0006556	-0.0024602	-0.0019083	-0.0003064	-0.0011499	-0.000892	-0.0006052	-0.002271	-0.0017615
553	474343.71, 3848105.61	6.04553	21.6015	18.107	-0.0007648	-0.0027329	-0.0022908	-0.0003575	-0.0012774	-0.0010707	-0.000706	-0.0025227	-0.0021146
554	474343.71, 3848130.61	7.19134	23.8227	20.8335	-0.0009098	-0.0030139	-0.0026357	-0.0004253	-0.0014087	-0.001232	-0.0008398	-0.0027821	-0.002433
555	474343.71, 3848155.61	9.02867	29.3567	26.724	-0.0011423	-0.003714	-0.003381	-0.0005339	-0.001736	-0.0015803	-0.0010544	-0.0034283	-0.0031209
556	474343.71, 3848180.61	10.8253	34.4642	30.905	-0.0013695	-0.0043602	-0.0039099	-0.0006401	-0.002038	-0.0018275	-0.0012642	-0.0040248	-0.0036092
557	474368.71, 3847855.61	1.84071	5.39189	4.63428	-0.0002329	-0.0006821	-0.0005863	-0.0001088	-0.0003188	-0.000274	-0.000215	-0.0006297	-0.0005412
558	474368.71, 3847880.61	1.99911	5.94683	5.1189	-0.0002529	-0.0007524	-0.0006476	-0.0001182	-0.0003517	-0.0003027	-0.0002335	-0.0006945	-0.0005978
559	474368.71, 3847905.61	2.20113	6.76397	5.85514	-0.0002785	-0.0008557	-0.0007408	-0.0001302	-0.0004	-0.0003462	-0.0002571	-0.0007899	-0.0006838
560	474368.71, 3847930.61	2.45063	7.78136	6.85547	-0.00031	-0.0009844	-0.0008673	-0.0001449	-0.0004601	-0.0004054	-0.0002862	-0.0009087	-0.0008006
561	474368.71, 3847955.61	2.66789	8.61296	7.45486	-0.0003375	-0.0010897	-0.0009431	-0.0001578	-0.0005093	-0.0004408	-0.0003116	-0.0010058	-0.0008706
562	474368.71, 3847980.61	2.98041	10.3253	8.5023	-0.0003771	-0.0013063	-0.0010757	-0.0001762	-0.0006106	-0.0005028	-0.0003481	-0.0012058	-0.0009929
563	474368.71, 3848005.61	3.31598	12.1352	9.56457	-0.0004195	-0.0015353	-0.00121	-0.0001961	-0.0007176	-0.0005656	-0.0003872	-0.0014172	-0.001117
564	474368.71, 3848030.61	3.6859	13.9843	10.7476	-0.0004663	-0.0017692	-0.0013597	-0.000218	-0.000827	-0.0006355	-0.0004304	-0.0016331	-0.0012551
565	474368.71, 3848055.61	4.10463	15.7858	12.0743	-0.0005193	-0.0019971	-0.0015276	-0.0002427	-0.0009335	-0.000714	-0.0004793	-0.0018435	-0.0014101
566	474368.71, 3848080.61	4.53483	17.2499	13.045	-0.0005737	-0.0021824	-0.0016504	-0.0002682	-0.0010201	-0.0007714	-0.0005296	-0.0020145	-0.0015234
567	474368.71, 3848105.61	5.29111	19.4975	15.5506	-0.0006694	-0.0024667	-0.0019674	-0.0003129	-0.0011153	-0.0009196	-0.0006179	-0.002277	-0.001816
568	474368.71, 3848130.61	6.2641	21.7533	18.6347	-0.0007925	-0.0027521	-0.0023575	-0.0003704	-0.0012864	-0.0011019	-0.0007315	-0.0025404	-0.0021762
569	474368.71, 3848155.61	7.57981	25.2808	21.9894	-0.0009589	-0.0031984	-0.002782	-0.0004482	-0.001495	-0.0013003	-0.0008852	-0.0029524	-0.002568
570	474368.71, 3848180.61	9.22728	29.7513	27.2476	-0.0011674	-0.0037639	-0.0034472	-0.0005456	-0.0017593	-0.0016113	-0.0010776	-0.0034744	-0.003182
571	474368.71, 3848205.61	11.1127	35.1565	31.4383	-0.0014059	-0.0044478	-0.0039774	-0.0006571	-0.0020789	-0.0018591	-0.0012978	-0.0041057	-0.0036714
572	474393.71, 3847880.61	1.89529	5.58331	4.89433	-0.0002398	-0.0007064	-0.0006192	-0.0001121	-0.0003302	-0.0002894	-0.0002213	-0.000652	-0.0005716
573	474393.71, 3847905.61	2.06859	6.27401	5.41766	-0.0002617	-0.0007937	-0.0006854	-0.0001223	-0.000371	-0.0003204	-0.0002416	-0.0007327	-0.0006327
574	474393.71, 3847930.61	2.26308	7.04605	6.20733	-0.0002863	-0.0008914	-0.0007853	-0.0001338	-0.0004167	-0.0003671	-0.0002643	-0.0008229	-0.0007249
575	474393.71, 3847955.61	2.35978	7.28045	6.23024	-0.0002985	-0.0009211	-0.0007882	-0.0001395	-0.0004305	-0.0003684	-0.0002756	-0.0008502	-0.0007276
576	474393.71, 3847980.61	2.59473	8.61368	6.96936	-0.0003283	-0.0010897	-0.0008817	-0.0001534	-0.0005094	-0.0004121	-0.000303	-0.0010059	-0.0008139
577	474393.71, 3848005.61	3.00373	10.7779	8.52179	-0.00038	-0.0013636	-0.0010781	-0.0001776	-0.0006373	-0.0005039	-0.0003508	-0.0012587	-0.0009952
578	474393.71, 3848030.61	3.42583	12.9221	10.0069	-0.0004334	-0.0016348	-0.001266	-0.0002026	-0.0007641	-0.0005917	-0.0004001	-0.0015091	-0.0011686
579	474393.71, 3848055.61	3.76005	14.4875	10.9556	-0.0004757	-0.0018329	-0.001386	-0.0002223	-0.0008567	-0.0006478	-0.0004391	-0.0016919	-0.0012794
580	474393.71, 3848080.61	4.31894	16.7304	12.6559	-0.0005464	-0.0021166	-0.0016011	-0.0002554	-0.0009893	-0.0007484	-0.0005044	-0.0019538	-0.001478
581	474393.71, 3848105.61	4.84386	18.3195	14.1191	-0.0006128	-0.0023177	-0.0017863	-0.0002864	-0.0010833	-0.0008349	-0.0005657	-0.0021394	-0.0016489
582	474393.71, 3848130.61	5.53269	19.9279	16.7391	-0.0007	-0.0025211	-0.0021177	-0.0003272	-0.0011784	-0.0009898	-0.0006461	-0.0023272	-0.0019548
583	474393.71, 3848155.61	6.37653	21.6274	18.8332	-0.0008067	-0.0027362	-0.0023827	-0.0003771	-0.0012789	-0.0011137	-0.0007447	-0.0025257	-0.0021994
584	474393.71, 3848180.61	7.6077	25.2227	22.1069	-0.0009625	-0.003191	-0.0027968	-0.0004499	-0.0014915	-0.0013073	-0.0008884	-0.0029456	-0.0025817
585	474393.71, 3848205.61	9.39273	29.9316	27.4409	-0.0011883	-0.0037868	-0.0034717	-0.0005554	-0.00177	-0.0016227	-0.0010969	-0.0034955	-0.0032046
586	474393.71, 3848230.61	11.3825	35.8182	31.9148	-0.00144	-0.0045315	-0.0040377	-0.0006731	-0.0021181	-0.0018872	-0.0013293	-0.0041829	-0.0037271
587	474418.71, 3847905.61	1.9666	5.92226	5.09223	-0.0002488	-0.0007492	-0.0006442	-0.0001163	-0.0003502	-0.0003011	-0.0002297	-0.0006916	-0.0005947
588	474418.71, 3847930.61	2.07405	6.27711	5.54033	-0.0002624	-0.0007941	-0.0007009	-0.0001226	-0.0003712	-0.0003276	-0.0002422	-0.0007331	-0.000647
589	474418.71, 3847955.61	2.1167	6.27254	5.40814	-0.0002678	-0.0007936	-0.0006842	-0.0001252	-0.0003709	-0.0003198	-0.0002472	-0.0007325	-0.0006316
590	474418.71, 3847980.61	2.28206	7.18004	5.76464	-0.0002887	-0.0009084	-0.0007293	-0.0001349	-0.0004246	-0.0003409	-0.0002665	-0.0008385	-0.0006732
591	474418.71, 3848005.61	2.65506	9.1982	7.1919	-0.0003359	-0.0011637	-0.0009099	-0.000157	-0.0005439	-0.0004253	-0.0003101	-0.0010742	-0.0008399
592	474418.71, 3848030.61	3.09803	11.505	8.90046	-0.0003919	-0.0014555	-0.001126	-0.0001832	-0.0006803	-0.0005263	-0.0003618	-0.0013436	-0.0010394
593	474418.71, 3848055.61	3.45461	13.2695	10.0723	-0.0004371	-0.0016788	-0.0012743	-0.0002043	-0.0007847	-0.0005956	-0.0004034	-0.0015497	-0.0011763
594	474418.71, 3848080.61	3.78622	14.6894	10.9557	-0.000479	-0.0018584	-0.0013861	-0.0002239	-0.0008686	-0.0006479	-0.0004422	-0.0017155	-0.0012794
595	474418.71, 3848105.61	4.29198	16.4998	12.4665	-0.000543	-0.0020874	-0.0015772	-0.0002538	-0.0009757	-0.0007372	-0.0005012	-0.0019269	-0.0014559
596	474418.71, 3848130.61	4.86181	18.0236	14.3883	-0.0006151	-0.0022802	-0.0018203	-0.0002875	-0.0010658	-0.0008508	-0.0005678	-0.0021048	-0.0016803
597	474418.71, 3848155.61	5.58524	19.5532	16.7226	-0.0007066	-0.0024738	-0.0021156	-0.0003303	-0.0011563	-0.0009889	-0.0006523	-0.0022835	-0.0019529
598	474418.71, 3848180.61	6.54954	22.1632	19.1308	-0.0008286	-0.002804	-0.0024203	-0.0003873	-0.0013106	-0.0011313	-0.0007649	-0.0025883	-0.0022341
599	474418.71, 3848205.61	8.04892	26.637	23.8104	-0.0010183	-0.0033699	-0.0030123	-0.000476	-0.0015752	-0.001408	-0.00094	-0.0031107	-0.0027806
600	474418.71, 3848230.61	9.64151	30.4899	27.8866	-0.0012198	-0.0038574	-0.003528	-0.0005701	-0.001803	-0.001649	-0.001126	-0.0035607	-0.0032567
601	474418.71, 3848255.61	11.6698	36.5758	32.4698	-0.0014764	-0.0046273	-0.0041079	-0.0006901	-0.0021629	-0.0019201	-0.0013628	-0.0042714	-0.0037919
602	474443.71, 3847905.61	1.85826	5.52697	4.78734	-0.0002351	-0.0006992	-0.0006057	-0.0001099	-0.0003268	-0.0002831	-0.000217	-0.0006455	-0.0005591
603	474443.71, 3847930.61	1.92559	5.70043	5.01074	-0.0002436	-0.0007212	-0.0006339	-0.0001139	-0.0003371	-0.0002963	-0.0002249	-0.0006657	-0.0005852
604	474443.71, 3847955.61	1.92737	5.52785	4.6695	-0.0002438	-0.0006993	-0.0005908	-0.000114	-0.0003269	-0.0002761	-0.0002251	-0.0006456	-0.0005453
605	474443.71, 3847980.61	2.08139	6.32526	5.14635	-0.0002633	-0.0008002	-0.0006511	-0.0001231	-0.000374	-0.0003043	-0.0002431	-0.0007387	-0.000601
606	474443.71, 3848005.61	2.35517	7.81735	6.10844	-0.000298	-0.000989	-0.0007728	-0.0001393	-0.0004623	-0.0003612	-0.000275	-0.0009129	-0.0007134
607	474443.71, 3848030.61	2.73434	9.85079	7.42301	-0.0003459	-0.0012463	-0.0009391	-0.0001617	-0.0005825	-0.000439	-0.0003193	-0.0011504	-0.0008669
608	474443.71, 3848055.61	3.12005	11.8389	8.86675	-0.0003947	-0.0014978	-0.0011218	-0.0001845	-0.0007001	-0.0005243	-0.0003644	-0.0013826	-0.0010355
609	474443.71, 3848080.61	3.45948	13.4259	9.94231	-0.0004377	-0.0016986	-0.0012578	-0.0002046	-0.0007939	-0.0005879	-0.000404	-0.0015679	-0.0011611
610	474443.71, 3848105.61	3.91972	15.2652	11.3858	-0.0004959	-0.0019313	-0.0014405	-0.0002318	-0.0009027	-0.0006733	-0.0004578	-0.0017827	-0.0013297
611	474443.71, 3848130.61	4.42934	16.8692	13.0523	-0.0005604	-0.0021342	-0.0016513	-0.0002619	-0.0009975	-0.0007718	-0.0005173	-0.00197	-0.0015243

612	474443.71, 3848155.61	5.03304	18.2645	15.237	-0.0006367	-0.0023107	-0.0019277	-0.0002976	-0.0010801	-0.000901	-0.0005878	-0.002133	-0.0017794
613	474443.71, 3848180.61	5.80562	19.941	17.3356	-0.0007345	-0.0025228	-0.0021932	-0.0003433	-0.0011792	-0.0010251	-0.000678	-0.0023288	-0.0020245
614	474443.71, 3848205.61	6.75322	22.8501	19.6731	-0.0008544	-0.0028909	-0.0024889	-0.0003993	-0.0013512	-0.0011634	-0.0007887	-0.0026685	-0.0022975
615	474443.71, 3848230.61	8.31421	27.2433	24.9527	-0.0010519	-0.0034467	-0.0031569	-0.0004917	-0.001611	-0.0014756	-0.000971	-0.0031815	-0.002914
616	474443.71, 3848255.61	9.91423	31.0453	28.4839	-0.0012543	-0.0039277	-0.0036036	-0.0005863	-0.0018358	-0.0016844	-0.0011578	-0.0036256	-0.0033264
617	474443.71, 3848280.61	11.9625	37.45	33.0034	-0.0015134	-0.0047379	-0.0041754	-0.0007074	-0.0022146	-0.0019516	-0.001397	-0.0043735	-0.0038542
618	474468.71, 3847930.61	1.82999	5.37342	4.71017	-0.0002315	-0.0006798	-0.0005959	-0.0001082	-0.0003178	-0.0002785	-0.0002137	-0.0006275	-0.0005501
619	474468.71, 3847955.61	1.87256	5.42741	4.60633	-0.0002369	-0.0006866	-0.0005828	-0.0001107	-0.0003209	-0.0002724	-0.0002187	-0.0006338	-0.0005379
620	474468.71, 3847980.61	2.01617	6.04064	5.07012	-0.0002551	-0.0007642	-0.0006414	-0.0001192	-0.0003572	-0.0002998	-0.0002355	-0.0007054	-0.0005921
621	474468.71, 3848005.61	2.23774	7.29346	5.8294	-0.0002831	-0.0009227	-0.0007375	-0.0001323	-0.0004313	-0.0003447	-0.0002613	-0.0008517	-0.0006808
622	474468.71, 3848030.61	2.52449	8.88142	6.79688	-0.0003194	-0.0011236	-0.0008599	-0.0001493	-0.0005252	-0.0004019	-0.0002948	-0.0010372	-0.0007938
623	474468.71, 3848055.61	2.85703	10.6748	7.96673	-0.0003615	-0.0013505	-0.0010079	-0.0001689	-0.0006312	-0.0004711	-0.0003337	-0.0012466	-0.0009304
624	474468.71, 3848080.61	3.24344	12.5873	9.39885	-0.0004103	-0.0015925	-0.0011891	-0.0001918	-0.0007443	-0.0005558	-0.0003788	-0.00147	-0.0010976
625	474468.71, 3848105.61	3.52248	13.7629	10.1583	-0.0004456	-0.0017412	-0.0012852	-0.0002083	-0.0008139	-0.0006007	-0.0004114	-0.0016073	-0.0011863
626	474468.71, 3848130.61	3.97684	15.4201	11.5671	-0.0005031	-0.0019508	-0.0014634	-0.0002352	-0.0009119	-0.000684	-0.0004644	-0.0018008	-0.0013508
627	474468.71, 3848155.61	4.51959	16.8967	13.3141	-0.0005718	-0.0021377	-0.0016844	-0.0002673	-0.0009992	-0.0007873	-0.0005278	-0.0019732	-0.0015549
628	474468.71, 3848180.61	5.16404	18.3332	15.4428	-0.0006533	-0.0023194	-0.0019537	-0.0003054	-0.0010841	-0.0009132	-0.0006031	-0.002141	-0.0018035
629	474468.71, 3848205.61	5.93681	20.5136	17.579	-0.0007511	-0.0025952	-0.002224	-0.0003511	-0.0012131	-0.0010395	-0.0006933	-0.0023956	-0.0020529
630	474468.71, 3848230.61	7.05567	23.8286	20.9137	-0.0008926	-0.0030146	-0.0026459	-0.0004172	-0.0014091	-0.0012367	-0.000824	-0.0027828	-0.0024424
631	474468.71, 3848255.61	8.5049	27.4355	25.2714	-0.001076	-0.003471	-0.0031972	-0.0005029	-0.0016224	-0.0014944	-0.0009932	-0.003204	-0.0029513
632	474468.71, 3848280.61	10.1119	31.5128	28.9681	-0.0012793	-0.0039868	-0.0036649	-0.000598	-0.0018635	-0.001713	-0.0011809	-0.0036801	-0.003383
633	474468.71, 3848305.61	12.324	38.4434	33.4541	-0.0015592	-0.0048636	-0.0042324	-0.0007288	-0.0022733	-0.0019783	-0.0014392	-0.0044895	-0.0039069
634	474493.71, 3847955.61	1.85644	5.5058	4.73498	-0.0002349	-0.0006966	-0.000599	-0.0001098	-0.0003256	-0.00028	-0.0002168	-0.000643	-0.000553
635	474493.71, 3847980.61	1.97454	5.94431	5.08252	-0.0002498	-0.000752	-0.000643	-0.0001168	-0.0003515	-0.0003006	-0.0002306	-0.0006942	-0.0005936
636	474493.71, 3848005.61	2.10843	6.71826	5.47788	-0.0002667	-0.00085	-0.000693	-0.0001247	-0.0003973	-0.0003239	-0.0002462	-0.0007846	-0.0006397
637	474493.71, 3848030.61	2.27727	7.75787	6.02887	-0.0002881	-0.0009815	-0.0007627	-0.0001347	-0.0004588	-0.0003565	-0.0002659	-0.000906	-0.0007041
638	474493.71, 3848055.61	2.51975	9.12787	6.82762	-0.0003188	-0.0011548	-0.0008638	-0.000149	-0.0005398	-0.0004037	-0.0002943	-0.001066	-0.0007973
639	474493.71, 3848080.61	2.91525	11.1437	8.16926	-0.0003688	-0.0014098	-0.0010335	-0.0001724	-0.000659	-0.0004831	-0.0003405	-0.0013014	-0.000954
640	474493.71, 3848105.61	3.1701	12.3329	8.937	-0.0004011	-0.0015603	-0.0011307	-0.0001875	-0.0007293	-0.0005285	-0.0003702	-0.0014403	-0.0010437
641	474493.71, 3848130.61	3.59404	14.095	10.445	-0.0004547	-0.0017832	-0.0013214	-0.0002125	-0.0008335	-0.0006177	-0.0004197	-0.001646	-0.0012198
642	474493.71, 3848155.61	4.07285	15.5905	11.8951	-0.0005153	-0.0019724	-0.0015049	-0.0002408	-0.0009219	-0.0007034	-0.0004756	-0.0018207	-0.0013891
643	474493.71, 3848180.61	4.6176	16.8927	13.5455	-0.0005842	-0.0021372	-0.0017137	-0.0002731	-0.0009989	-0.000801	-0.0005393	-0.0019728	-0.0015819
644	474493.71, 3848205.61	5.28261	18.5233	15.6463	-0.0006683	-0.0023434	-0.0019795	-0.0003124	-0.0010954	-0.0009252	-0.0006169	-0.0021632	-0.0018272
645	474493.71, 3848230.61	6.08271	20.9893	17.8133	-0.0007695	-0.0026554	-0.0022536	-0.0003597	-0.0012412	-0.0010534	-0.0007104	-0.0024512	-0.0020803
646	474493.71, 3848255.61	7.32626	24.4405	21.9781	-0.0009269	-0.0030921	-0.0027805	-0.0004332	-0.0014453	-0.0012997	-0.0008556	-0.0028542	-0.0025667
647	474493.71, 3848280.61	8.76427	27.8413	25.8788	-0.0011088	-0.0035223	-0.003274	-0.0005183	-0.0016464	-0.0015303	-0.0010235	-0.0032514	-0.0030222
648	474493.71, 3848305.61	10.4479	32.3105	29.7197	-0.0013218	-0.0040877	-0.0037599	-0.0006178	-0.0019107	-0.0017574	-0.0012201	-0.0037733	-0.0034707
649	474518.71, 3847980.61	1.90479	5.76269	4.93174	-0.000241	-0.0007291	-0.0006239	-0.0001126	-0.0003408	-0.0002916	-0.0002224	-0.000673	-0.0005759
650	474518.71, 3848005.61	2.01269	6.26889	5.23937	-0.0002546	-0.0007931	-0.0006629	-0.000119	-0.0003707	-0.0003098	-0.000235	-0.0007321	-0.0006119
651	474518.71, 3848030.61	2.14555	7.13663	5.60572	-0.0002714	-0.0009029	-0.0007092	-0.0001269	-0.000422	-0.0003315	-0.0002506	-0.0008334	-0.0006547
652	474518.71, 3848055.61	2.32184	8.1933	6.11351	-0.0002937	-0.0010366	-0.0007734	-0.0001373	-0.0004845	-0.0003615	-0.0002712	-0.0009568	-0.000714
653	474518.71, 3848080.61	2.60995	9.74206	7.04665	-0.0003302	-0.0012325	-0.0008915	-0.0001543	-0.0005761	-0.0004167	-0.0003048	-0.0011377	-0.0008229
654	474518.71, 3848105.61	2.90469	11.226	8.00955	-0.0003675	-0.0014202	-0.0010133	-0.0001718	-0.0006638	-0.0004736	-0.0003392	-0.001311	-0.0009354
655	474518.71, 3848130.61	3.25986	12.7816	9.29502	-0.0004124	-0.001617	-0.0011759	-0.0001928	-0.0007558	-0.0005497	-0.0003807	-0.0014927	-0.0010855
656	474518.71, 3848155.61	3.69734	14.405	10.829	-0.0004678	-0.0018224	-0.00137	-0.0002186	-0.0008518	-0.0006404	-0.0004318	-0.0016822	-0.0012646
657	474518.71, 3848180.61	4.17242	15.6772	12.3156	-0.0005279	-0.0019834	-0.0015581	-0.0002467	-0.0009271	-0.0007283	-0.0004873	-0.0018308	-0.0014383
658	474518.71, 3848205.61	4.7347	16.931	13.8625	-0.000599	-0.002142	-0.0017538	-0.00028	-0.0010012	-0.0008197	-0.0005529	-0.0019773	-0.0016189
659	474518.71, 3848230.61	5.45111	19.1201	16.1098	-0.0006896	-0.002419	-0.0020381	-0.0003223	-0.0011307	-0.0009526	-0.0006366	-0.0022329	-0.0018813
660	474518.71, 3848255.61	6.32518	21.6733	18.6525	-0.0008002	-0.002742	-0.0023598	-0.000374	-0.0012816	-0.001103	-0.0007387	-0.0025311	-0.0021783
661	474518.71, 3848280.61	7.65114	25.3413	23.0498	-0.000968	-0.003206	-0.0029161	-0.0004524	-0.0014985	-0.001363	-0.0008935	-0.0029594	-0.0026918
662	474518.71, 3848305.61	9.00391	28.1775	26.3438	-0.0011391	-0.0035648	-0.0033329	-0.0005324	-0.0016663	-0.0015578	-0.0010515	-0.0032906	-0.0030765
663	474518.71, 3848330.61	10.7096	32.9998	30.3047	-0.0013549	-0.0041749	-0.003834	-0.0006333	-0.0019514	-0.001792	-0.0012507	-0.0038538	-0.0035391
664	474543.71, 3848005.61	1.94105	5.9602	5.09491	-0.0002456	-0.000754	-0.0006446	-0.0001148	-0.0003525	-0.0003013	-0.0002267	-0.000696	-0.000595
665	474543.71, 3848030.61	2.03915	6.63009	5.29924	-0.000258	-0.0008388	-0.0006704	-0.0001206	-0.0003921	-0.0003134	-0.0002381	-0.0007743	-0.0006189
666	474543.71, 3848055.61	2.19184	7.58814	5.72576	-0.0002773	-0.00096	-0.0007244	-0.0001296	-0.0004487	-0.0003386	-0.000256	-0.0008862	-0.0006687
667	474543.71, 3848080.61	2.37003	8.64381	6.25705	-0.0002998	-0.0010936	-0.0007916	-0.0001401	-0.0005111	-0.00037	-0.0002768	-0.0010094	-0.0007307
668	474543.71, 3848105.61	2.65975	10.1617	7.21902	-0.0003365	-0.0012856	-0.0009133	-0.0001573	-0.0006009	-0.0004269	-0.0003106	-0.0011867	-0.0008431
669	474543.71, 3848130.61	3.03451	11.9419	8.60657	-0.0003839	-0.0015108	-0.0010888	-0.0001794	-0.0007062	-0.0005089	-0.0003544	-0.0013946	-0.0010051
670	474543.71, 3848155.61	3.43029	13.5634	10.0633	-0.000434	-0.0017159	-0.0012731	-0.0002028	-0.0008021	-0.0005951	-0.0004006	-0.001584	-0.0011752
671	474543.71, 3848180.61	3.78999	14.5526	11.1014	-0.0004795	-0.0018411	-0.0014045	-0.0002241	-0.0008606	-0.0006565	-0.0004426	-0.0016995	-0.0012964
672	474543.71, 3848205.61	4.29834	15.8334	12.7248	-0.0005438	-0.0020031	-0.0016099	-0.0002542	-0.0009363	-0.0007525	-0.000502	-0.0018491	-0.001486
673	474543.71, 3848230.61	4.88737	17.3089	14.3328	-0.0006183	-0.0021898	-0.0018133	-0.000289	-0.0010235	-0.0008476	-0.0005708	-0.0020214	-0.0016738
674	474543.71, 3848255.61	5.5999	19.547	16.4616	-0.0007085	-0.002473	-0.0020826	-0.0003311	-0.0011559	-0.0009734	-0.000654	-0.0022828	-0.0019224
675	474543.71, 3848280.61	6.54227	22.154	19.5466	-0.0008277	-0.0028028	-0.0024729	-0.0003869	-0.0013101	-0.0011559	-0.000764	-0.0025872	-0.0022827
676	474543.71, 3848305.61	7.82236	25.6007	23.556	-0.0009896	-0.0032388	-0.0029802	-0.0004626	-0.0015139	-0.001393	-0.0009135	-0.0029897	-0.0027509
677	474543.71, 3848330.61	9.19327	28.3161	26.6449	-0.0011631	-0.0035824	-0.0033709	-0.0005436	-0.0016744	-0.0015756	-0.0010736	-0.0033068	-0.0031117
678	474543.71, 3848355.61	10.9514	33.6878	30.8255	-0.0013855	-0.004262	-0.0038998	-0.0006476	-0.0019921	-0.0018228	-0.0012789	-0.0039341	-0.0035999
679	474568.71, 3848030.61	1.97559	6.32178	5.14827	-0.0002499	-0.0007998	-0.0006513	-0.0001168	-0.0003738	-0.0003044	-0.0002307	-0.0007383	-0.0006012
680	474568.71, 3848055.61	2.07272	7.01613	5.33118	-0.0002622	-0.0008876	-0.0006745	-0.0001226	-0.0004149	-0.0003153	-0.0002421	-0.0008194	-0.0006226
681	474568.71, 3848080.61	2.22698	7.97202	5.82623	-0.0002817	-0.0010086	-0.0007371	-0.0001317	-0.0004714	-0.0003445	-0.0002601	-0.000931	-0.0006804
682	474568.71, 3848105.61	2.4935	9.45952	6.82878	-0.0003155	-0.0011968	-0.0008639	-0.0001475	-0.0005594	-0.0004038	-0.0002912	-0.0011047	-0.0007975
683	474568.71, 3848130.61	2.76819	10.86	7.80602	-0.0003502	-0.0013739	-0.0009876	-0.0001637	-0.0006422	-0.0004616	-0.0003233	-0.0012683	-0.0009116
684	474568.71, 3848155.61	3.0852	12.2188	8.92936	-0.0003903	-0.0015459	-0.0011297	-0.0001824	-0.0007225	-0.000528	-0.0003603	-0.0014269	-0.0010428
685	474568.71, 3848180.61	3.46216	13.5169	10.1455	-0.000438	-0.0017101	-0.0012835	-0.0002047	-0.0007993	-0.0005999	-0.0004043	-0.0015785	-0.0011848
686	474568.71, 3848205.61	3.89566	14.7084	11.478	-0.0004929	-0.0018608	-0.0014521	-0.0002304	-0.0008698	-0.0006787	-0.0004549	-0.0017177	-0.0013404
687	474568.71, 3848230.61	4.4148	15.9698	13.0483	-0.0005585	-0.0020204	-0.0016508	-0.0002611	-0.0009444	-0.0007716	-0.0005156	-0.001865	-0.0015238
688	474568.71, 3848255.61	5.01677	17.8485	14.7462	-0.0006347	-0.0022581	-0.0018656	-0.0002967	-0.0010555	-0.000872	-0.0005859	-0.0020844	-0.0017221

689	474568.71, 3848280.61	5.72353	19.9592	16.7421	-0.0007241	-0.0025251	-0.0021181	-0.0003385	-0.0011803	-0.00099	-0.0006684	-0.0023309	-0.0019552
690	474568.71, 3848305.61	6.74115	22.8319	20.1877	-0.0008528	-0.0028885	-0.002554	-0.0003986	-0.0013501	-0.0011938	-0.0007872	-0.0026664	-0.0023576
691	474568.71, 3848330.61	7.98385	25.7252	23.8387	-0.0010101	-0.0032546	-0.0030159	-0.0004721	-0.0015212	-0.0014097	-0.0009324	-0.0030043	-0.0027839
692	474568.71, 3848355.61	9.36102	28.7363	26.8427	-0.0011843	-0.0036355	-0.003396	-0.0005536	-0.0016993	-0.0015873	-0.0010932	-0.0033559	-0.0031348
693	474568.71, 3848380.61	11.2058	34.3747	31.3145	-0.0014177	-0.0043489	-0.0039617	-0.0006626	-0.0020327	-0.0018518	-0.0013086	-0.0040144	-0.003657
694	474593.71, 3848055.61	1.96775	6.50559	4.9879	-0.0002489	-0.000823	-0.000631	-0.0001164	-0.0003847	-0.000295	-0.0002298	-0.0007597	-0.0005825
695	474593.71, 3848080.61	2.10853	7.40647	5.52982	-0.0002668	-0.000937	-0.0006996	-0.0001247	-0.000438	-0.000327	-0.0002462	-0.0008649	-0.0006458
696	474593.71, 3848105.61	2.3212	8.64998	6.2256	-0.0002937	-0.0010943	-0.0007876	-0.0001373	-0.0005115	-0.0003681	-0.0002711	-0.0010102	-0.000727
697	474593.71, 3848130.61	2.53531	9.75515	6.86197	-0.0003208	-0.0012342	-0.0008681	-0.0001499	-0.0005769	-0.0004058	-0.0002961	-0.0011392	-0.0008014
698	474593.71, 3848155.61	2.81736	11.072	7.95696	-0.0003564	-0.0014008	-0.0010067	-0.0001666	-0.0006547	-0.0004705	-0.000329	-0.001293	-0.0009292
699	474593.71, 3848180.61	3.14461	12.3298	9.05202	-0.0003978	-0.0015599	-0.0011452	-0.000186	-0.0007291	-0.0005353	-0.0003672	-0.0014399	-0.0010571
700	474593.71, 3848205.61	3.51402	13.459	10.1375	-0.0004446	-0.0017027	-0.0012825	-0.0002078	-0.0007959	-0.0005995	-0.0004104	-0.0015718	-0.0011839
701	474593.71, 3848230.61	3.99715	14.8	11.7011	-0.0005057	-0.0018724	-0.0014803	-0.0002364	-0.0008752	-0.0006919	-0.0004668	-0.0017284	-0.0013665
702	474593.71, 3848255.61	4.50045	16.1001	13.2564	-0.0005694	-0.0020369	-0.0016771	-0.0002661	-0.0009521	-0.0007839	-0.0005256	-0.0018802	-0.0015481
703	474593.71, 3848280.61	5.0906	18.218	15.0781	-0.000644	-0.0023048	-0.0019076	-0.000301	-0.0010773	-0.0008916	-0.0005945	-0.0021275	-0.0017609
704	474593.71, 3848305.61	5.79292	20.0885	17.0723	-0.0007329	-0.0025415	-0.0021599	-0.0003426	-0.0011879	-0.0010096	-0.0006765	-0.002346	-0.0019938
705	474593.71, 3848330.61	6.85013	22.7613	20.5303	-0.0008666	-0.0028796	-0.0025974	-0.0004051	-0.001346	-0.001214	-0.0008	-0.0026581	-0.0023976
706	474593.71, 3848355.61	8.13152	25.8014	24.1918	-0.0010287	-0.0032642	-0.0030606	-0.0004808	-0.0015257	-0.0014306	-0.0009496	-0.0030132	-0.0028252
707	474593.71, 3848380.61	9.57114	29.4133	27.3016	-0.0012109	-0.0037212	-0.003454	-0.000566	-0.0017393	-0.0016145	-0.0011177	-0.003435	-0.0031883
708	474593.71, 3848405.61	11.5011	35.105	31.7042	-0.001455	-0.0044413	-0.004011	-0.0006801	-0.0020759	-0.0018748	-0.0013431	-0.0040997	-0.0037025
709	474618.71, 3848055.61	1.91584	6.24918	4.9135	-0.0002424	-0.0007906	-0.0006216	-0.0001133	-0.0003695	-0.0002906	-0.0002237	-0.0007298	-0.0005738
710	474618.71, 3848080.61	1.99385	6.84479	5.18744	-0.0002522	-0.000866	-0.0006563	-0.0001179	-0.0004048	-0.0003068	-0.0002328	-0.0007994	-0.0006058
711	474618.71, 3848105.61	2.11405	7.62217	5.48386	-0.0002675	-0.0009643	-0.0006938	-0.000125	-0.0004507	-0.0003243	-0.0002469	-0.0008901	-0.0006404
712	474618.71, 3848130.61	2.31357	8.72666	6.1394	-0.0002927	-0.001104	-0.0007767	-0.0001368	-0.000516	-0.000363	-0.0002702	-0.0010191	-0.000717
713	474618.71, 3848155.61	2.5695	9.99448	7.10748	-0.0003251	-0.0012644	-0.0008992	-0.0001519	-0.000591	-0.0004203	-0.0003001	-0.0011672	-0.00083
714	474618.71, 3848180.61	2.86381	11.2448	8.20471	-0.0003623	-0.0014226	-0.001038	-0.0001693	-0.0006649	-0.0004852	-0.0003344	-0.0013132	-0.0009582
715	474618.71, 3848205.61	3.19027	12.363	9.03959	-0.0004036	-0.0015641	-0.0011436	-0.0001887	-0.0007311	-0.0005345	-0.0003726	-0.0014438	-0.0010557
716	474618.71, 3848230.61	3.60483	13.6012	10.3884	-0.0004561	-0.0017207	-0.0013143	-0.0002132	-0.0008043	-0.0006143	-0.000421	-0.0015884	-0.0012132
717	474618.71, 3848255.61	4.03772	14.6187	11.8872	-0.0005108	-0.0018495	-0.0015039	-0.0002388	-0.0008645	-0.0007029	-0.0004715	-0.0017072	-0.0013882
718	474618.71, 3848280.61	4.55384	16.5393	13.529	-0.0005761	-0.0020925	-0.0017116	-0.0002693	-0.000978	-0.0008	-0.0005318	-0.0019315	-0.00158
719	474618.71, 3848305.61	5.14786	18.3449	15.243	-0.0006513	-0.0023209	-0.0019284	-0.0003044	-0.0010848	-0.0009014	-0.0006012	-0.0021424	-0.0017801
720	474618.71, 3848330.61	5.87358	20.05	17.2211	-0.0007431	-0.0025366	-0.0021787	-0.0003473	-0.0011856	-0.0010184	-0.0006859	-0.0023415	-0.0020111
721	474618.71, 3848355.61	7.00081	23.052	21.1496	-0.0008857	-0.0029164	-0.0026757	-0.000414	-0.0013632	-0.0012507	-0.0008176	-0.0026921	-0.0024699
722	474618.71, 3848380.61	8.31521	26.0905	24.6108	-0.001052	-0.0033008	-0.0031136	-0.0004917	-0.0015428	-0.0014553	-0.0009711	-0.0030469	-0.0028741
723	474618.71, 3848405.61	9.81167	30.0381	27.8577	-0.0012413	-0.0038002	-0.0035244	-0.0005802	-0.0017763	-0.0016473	-0.0011458	-0.0035079	-0.0032533
724	474618.71, 3848430.61	11.7992	35.8886	32.128	-0.0014928	-0.0045404	-0.0040646	-0.0006977	-0.0021222	-0.0018999	-0.0013779	-0.0041912	-0.003752
725	474643.71, 3848080.61	1.917	6.46713	4.93557	-0.0002425	-0.0008182	-0.0006244	-0.0001134	-0.0003824	-0.0002919	-0.0002239	-0.0007552	-0.0005764
726	474643.71, 3848105.61	1.99676	7.04919	5.14173	-0.0002526	-0.0008918	-0.0006505	-0.0001181	-0.0004168	-0.0003041	-0.0002332	-0.0008232	-0.0006005
727	474643.71, 3848130.61	2.12471	7.83339	5.64523	-0.0002688	-0.000991	-0.0007142	-0.0001256	-0.0004632	-0.0003338	-0.0002481	-0.0009148	-0.0006593
728	474643.71, 3848155.61	2.31956	8.84873	6.24581	-0.0002935	-0.0011195	-0.0007902	-0.0001372	-0.0005233	-0.0003693	-0.0002709	-0.0010334	-0.0007294
729	474643.71, 3848180.61	2.59213	10.0868	7.26149	-0.0003279	-0.0012761	-0.0009187	-0.0001533	-0.0005965	-0.0004294	-0.0003027	-0.001178	-0.000848
730	474643.71, 3848205.61	2.93034	11.4507	8.38507	-0.0003707	-0.0014487	-0.0010608	-0.0001733	-0.0006771	-0.0004958	-0.0003422	-0.0013372	-0.0009792
731	474643.71, 3848230.61	3.27284	12.5284	9.261	-0.0004141	-0.001585	-0.0011716	-0.0001935	-0.0007409	-0.0005476	-0.0003822	-0.0014631	-0.0010815
732	474643.71, 3848255.61	3.63275	13.4064	10.4489	-0.0004596	-0.0016961	-0.0013219	-0.0002148	-0.0007928	-0.0006179	-0.0004242	-0.0015656	-0.0012203
733	474643.71, 3848280.61	4.08593	14.843	12.1758	-0.0005169	-0.0018778	-0.0015404	-0.0002416	-0.0008777	-0.00072	-0.0004772	-0.0017334	-0.0014219
734	474643.71, 3848305.61	4.60998	16.7303	13.7507	-0.0005832	-0.0021166	-0.0017396	-0.0002726	-0.0009893	-0.0008131	-0.0005384	-0.0019538	-0.0016058
735	474643.71, 3848330.61	5.23482	18.4132	15.5103	-0.0006623	-0.0023295	-0.0019623	-0.0003096	-0.0010888	-0.0009172	-0.0006113	-0.0021503	-0.0018113
736	474643.71, 3848355.61	6.03068	20.2025	17.878	-0.000763	-0.0025559	-0.0022618	-0.0003566	-0.0011947	-0.0010572	-0.0007043	-0.0023593	-0.0020878
737	474643.71, 3848380.61	7.24826	23.7199	21.9815	-0.000917	-0.0030009	-0.002781	-0.0004286	-0.0014027	-0.0012999	-0.0008465	-0.0027701	-0.0025671
738	474643.71, 3848405.61	8.50281	26.3299	24.9552	-0.0010757	-0.0033311	-0.0031572	-0.0005028	-0.001557	-0.0014757	-0.000993	-0.0030749	-0.0029143
739	474643.71, 3848430.61	10.0454	30.6619	28.407	-0.0012709	-0.0038792	-0.0035939	-0.000594	-0.0018132	-0.0016798	-0.0011731	-0.0035808	-0.0033174
740	474643.71, 3848455.61	12.0987	36.6236	32.5094	-0.0015307	-0.0046334	-0.0041129	-0.0007154	-0.0021657	-0.0019224	-0.0014129	-0.004277	-0.0037965
741	474668.71, 3848105.61	1.96339	6.90758	5.21197	-0.0002484	-0.0008739	-0.0006594	-0.0001161	-0.0004085	-0.0003082	-0.0002293	-0.0008067	-0.0006087
742	474668.71, 3848130.61	2.02768	7.3833	5.31418	-0.0002565	-0.0009341	-0.0006723	-0.0001199	-0.0004366	-0.0003142	-0.0002368	-0.0008622	-0.0006206
743	474668.71, 3848155.61	2.13498	7.9945	5.61836	-0.0002701	-0.0010114	-0.0007108	-0.0001263	-0.0004727	-0.0003322	-0.0002493	-0.0009336	-0.0006561
744	474668.71, 3848180.61	2.33377	8.94584	6.38653	-0.0002953	-0.0011318	-0.000808	-0.000138	-0.000529	-0.0003777	-0.0002725	-0.0010447	-0.0007458
745	474668.71, 3848205.61	2.67237	10.43	7.61664	-0.0003381	-0.0013195	-0.0009636	-0.000158	-0.0006168	-0.0004504	-0.0003121	-0.001218	-0.0008895
746	474668.71, 3848230.61	2.96503	11.4302	8.33422	-0.0003751	-0.0014461	-0.0010544	-0.0001753	-0.0006759	-0.0004928	-0.0003463	-0.0013348	-0.0009733
747	474668.71, 3848255.61	3.30937	12.4748	9.49753	-0.0004187	-0.0015782	-0.0012016	-0.0001957	-0.0007377	-0.0005616	-0.0003865	-0.0014568	-0.0011091
748	474668.71, 3848280.61	3.69104	13.3794	10.8656	-0.000467	-0.0016927	-0.0013746	-0.0002183	-0.0007912	-0.0006425	-0.000431	-0.0015625	-0.0012689
749	474668.71, 3848305.61	4.13677	15.0353	12.3061	-0.0005234	-0.0019022	-0.0015569	-0.0002446	-0.0008891	-0.0007277	-0.0004831	-0.0017559	-0.0014371
750	474668.71, 3848330.61	4.69615	16.8623	14.0665	-0.0005941	-0.0021333	-0.0017796	-0.0002777	-0.0009971	-0.0008318	-0.0005484	-0.0019692	-0.0016427
751	474668.71, 3848355.61	5.36445	18.7188	15.9153	-0.0006787	-0.0023682	-0.0020135	-0.0003172	-0.0011069	-0.0009411	-0.0006265	-0.002186	-0.0018586
752	474668.71, 3848380.61	6.2358	20.7793	18.8261	-0.0007889	-0.0026289	-0.0023818	-0.0003687	-0.0012288	-0.0011133	-0.0007282	-0.0024267	-0.0021986
753	474668.71, 3848405.61	7.44248	24.0144	22.3696	-0.0009416	-0.0030382	-0.0028301	-0.0004401	-0.0014201	-0.0013228	-0.0008692	-0.0028045	-0.0026124
754	474668.71, 3848430.61	8.70118	26.8049	25.304	-0.0011008	-0.0033912	-0.0032013	-0.0005145	-0.0015851	-0.0014963	-0.0010161	-0.0031304	-0.0029551
755	474668.71, 3848455.61	10.2883	31.3785	29.0102	-0.0013016	-0.0039698	-0.0036702	-0.0006084	-0.0018555	-0.0017155	-0.0012015	-0.0036645	-0.0033879
756	474668.71, 3848480.61	12.3608	37.2094	32.705	-0.0015638	-0.0047075	-0.0041376	-0.0007309	-0.0022003	-0.001934	-0.0014435	-0.0043454	-0.0038194
757	474693.71, 3848130.61	2.00593	7.32107	5.35188	-0.0002538	-0.0009262	-0.0006771	-0.0001186	-0.0004329	-0.0003165	-0.0002343	-0.000855	-0.000625
758	474693.71, 3848155.61	2.09088	7.86598	5.68961	-0.0002645	-0.0009952	-0.0007198	-0.0001236	-0.0004651	-0.0003364	-0.0002442	-0.0009186	-0.0006644
759	474693.71, 3848180.61	2.24869	8.68546	6.15239	-0.0002845	-0.0010988	-0.0007784	-0.000133	-0.0005136	-0.0003638	-0.0002626	-0.0010143	-0.0007185
760	474693.71, 3848205.61	2.51402	9.91651	7.19881	-0.0003181	-0.0012546	-0.0009107	-0.0001487	-0.0005864	-0.0004257	-0.0002936	-0.0011581	-0.0008407
761	474693.71, 3848230.61	2.72568	10.6264	7.78352	-0.0003448	-0.0013444	-0.0009847	-0.0001612	-0.0006284	-0.0004603	-0.0003183	-0.001241	-0.000909
762	474693.71, 3848255.61	2.98397	11.3517	8.46476	-0.0003775	-0.0014361	-0.0010709	-0.0001765	-0.0006713	-0.0005006	-0.0003485	-0.0013257	-0.0009885
763	474693.71, 3848280.61	3.32237	12.1958	9.47199	-0.0004203	-0.0015429	-0.0011983	-0.0001965	-0.0007212	-0.0005601	-0.000388	-0.0014243	-0.0011062
764	474693.71, 3848305.61	3.76572	13.5882	11.0909	-0.0004764	-0.0017191	-0.0014032	-0.0002227	-0.0008035	-0.0006559	-0.0004398	-0.0015869	-0.0012952
765	474693.71, 3848330.61	4.22405	15.39	12.7002	-0.0005344	-0.0019471	-0.0016067	-0.0002498	-0.0009101	-0.000751	-0.0004933	-0.0017973	-0.0014832

766	474693.71, 3848355.61	4.8191	17.2818	14.4904	-0.0006097	-0.0021864	-0.0018332	-0.000285	-0.0010219	-0.0008569	-0.0005628	-0.0020182	-0.0016922
767	474693.71, 3848380.61	5.51363	19.0159	16.3049	-0.0006975	-0.0024058	-0.0020628	-0.000326	-0.0011245	-0.0009642	-0.0006439	-0.0022207	-0.0019041
768	474693.71, 3848405.61	6.44191	21.4444	19.6383	-0.000815	-0.002713	-0.0024845	-0.0003809	-0.0012681	-0.0011613	-0.0007523	-0.0025043	-0.0022934
769	474693.71, 3848430.61	7.62842	24.345	22.8013	-0.0009651	-0.00308	-0.0028847	-0.0004511	-0.0014396	-0.0013483	-0.0008909	-0.0028431	-0.0026628
770	474693.71, 3848455.61	8.89502	27.3549	25.6254	-0.0011253	-0.0034608	-0.003242	-0.000526	-0.0016176	-0.0015153	-0.0010388	-0.0031946	-0.0029926
771	474693.71, 3848480.61	10.5396	32.0278	29.6286	-0.0013334	-0.004052	-0.0037484	-0.0006232	-0.0018939	-0.0017521	-0.0012308	-0.0037403	-0.0034601
772	474718.71, 3848155.61	2.0561	7.75144	5.55443	-0.0002601	-0.0009807	-0.0007027	-0.0001216	-0.0004584	-0.0003285	-0.0002401	-0.0009052	-0.0006487
773	474718.71, 3848180.61	2.12852	8.15758	5.74822	-0.0002693	-0.001032	-0.0007272	-0.0001259	-0.0004824	-0.0003399	-0.0002486	-0.0009527	-0.0006713
774	474718.71, 3848205.61	2.29207	8.91705	6.40856	-0.00029	-0.0011281	-0.0008108	-0.0001355	-0.0005273	-0.000379	-0.0002677	-0.0010414	-0.0007484
775	474718.71, 3848230.61	2.48359	9.64572	7.10463	-0.0003142	-0.0012203	-0.0008988	-0.0001469	-0.0005704	-0.0004201	-0.00029	-0.0011265	-0.0008297
776	474718.71, 3848255.61	2.68988	10.1782	7.45733	-0.0003403	-0.0012877	-0.0009435	-0.0001591	-0.0006019	-0.000441	-0.0003141	-0.0011886	-0.0008709
777	474718.71, 3848280.61	3.00928	11.1728	8.49525	-0.0003807	-0.0014135	-0.0010748	-0.000178	-0.0006607	-0.0005024	-0.0003514	-0.0013048	-0.0009921
778	474718.71, 3848305.61	3.38702	12.227	9.81035	-0.0004285	-0.0015469	-0.0012411	-0.0002003	-0.000723	-0.0005801	-0.0003955	-0.0014279	-0.0011457
779	474718.71, 3848330.61	3.79461	13.8287	11.2567	-0.0004801	-0.0017495	-0.0014241	-0.0002244	-0.0008177	-0.0006657	-0.0004431	-0.001615	-0.0013146
780	474718.71, 3848355.61	4.33294	15.7982	13.12	-0.0005482	-0.0019987	-0.0016599	-0.0002562	-0.0009342	-0.0007758	-0.000506	-0.001845	-0.0015322
781	474718.71, 3848380.61	4.93582	17.5442	14.803	-0.0006244	-0.0022196	-0.0018728	-0.0002919	-0.0010375	-0.0008754	-0.0005764	-0.0020489	-0.0017287
782	474718.71, 3848405.61	5.63253	19.0529	16.6812	-0.0007126	-0.0024104	-0.0021104	-0.0003331	-0.0011267	-0.0009864	-0.0006578	-0.002225	-0.0019481
783	474718.71, 3848430.61	6.62558	21.8074	20.2444	-0.0008382	-0.0027589	-0.0025612	-0.0003918	-0.0012896	-0.0011971	-0.0007738	-0.0025467	-0.0023642
784	474718.71, 3848455.61	7.78693	24.7623	23.1208	-0.0009852	-0.0031328	-0.0029251	-0.0004605	-0.0014643	-0.0013672	-0.0009094	-0.0028918	-0.0027001
785	474718.71, 3848480.61	9.08966	27.8157	25.9867	-0.00115	-0.0035191	-0.0032877	-0.0005375	-0.0016449	-0.0015367	-0.0010615	-0.0032484	-0.0030348
786	474718.71, 3848505.61	10.7568	32.5346	30.1694	-0.0013609	-0.0041161	-0.0038168	-0.0006361	-0.0019239	-0.001784	-0.0012562	-0.0037995	-0.0035233
787	474743.71, 3848180.61	2.02089	7.66316	5.50326	-0.0002557	-0.0009695	-0.0006962	-0.0001195	-0.0004532	-0.0003254	-0.000236	-0.0008949	-0.0006427
788	474743.71, 3848205.61	2.09764	7.99901	5.74558	-0.0002654	-0.001012	-0.0007269	-0.000124	-0.000473	-0.0003398	-0.000245	-0.0009341	-0.000671
789	474743.71, 3848230.61	2.21845	8.43006	6.17147	-0.0002807	-0.0010665	-0.0007808	-0.0001312	-0.0004985	-0.0003649	-0.0002591	-0.0009845	-0.0007207
790	474743.71, 3848255.61	2.44204	9.22299	6.74801	-0.000309	-0.0011668	-0.0008537	-0.0001444	-0.0005454	-0.000399	-0.0002852	-0.0010771	-0.0007881
791	474743.71, 3848280.61	2.72962	10.1843	7.5403	-0.0003453	-0.0012884	-0.000954	-0.0001614	-0.0006022	-0.0004459	-0.0003188	-0.0011893	-0.0008806
792	474743.71, 3848305.61	3.07158	11.2321	8.72096	-0.0003886	-0.001421	-0.0011033	-0.0001816	-0.0006642	-0.0005157	-0.0003587	-0.0013117	-0.0010185
793	474743.71, 3848330.61	3.46394	12.5012	10.2127	-0.0004382	-0.0015816	-0.001292	-0.0002048	-0.0007392	-0.0006039	-0.0004045	-0.0014599	-0.0011927
794	474743.71, 3848355.61	3.93531	14.4808	11.8526	-0.0004979	-0.001832	-0.0014995	-0.0002327	-0.0008563	-0.0007009	-0.0004596	-0.0016911	-0.0013842
795	474743.71, 3848380.61	4.46302	16.2271	13.5384	-0.0005646	-0.002053	-0.0017128	-0.0002639	-0.0009596	-0.0008006	-0.0005212	-0.001895	-0.001581
796	474743.71, 3848405.61	5.02906	17.6842	15.0465	-0.0006362	-0.0022373	-0.0019036	-0.0002974	-0.0010457	-0.0008898	-0.0005873	-0.0020652	-0.0017572
797	474743.71, 3848430.61	5.74865	19.216	17.1895	-0.0007273	-0.0024311	-0.0021747	-0.0003399	-0.0011363	-0.0010165	-0.0006713	-0.0022441	-0.0020074
798	474743.71, 3848455.61	6.82751	22.2439	20.8907	-0.0008638	-0.0028142	-0.002643	-0.0004037	-0.0013154	-0.0012354	-0.0007973	-0.0025977	-0.0024397
799	474743.71, 3848480.61	7.93722	25.1493	23.4123	-0.0010042	-0.0031817	-0.002962	-0.0004694	-0.0014872	-0.0013845	-0.0009269	-0.002937	-0.0027342
800	474743.71, 3848505.61	9.22843	28.1671	26.2584	-0.0011675	-0.0035635	-0.003322	-0.0005457	-0.0016656	-0.0015528	-0.0010777	-0.0032894	-0.0030665
801	474743.71, 3848530.61	10.9619	33.1013	30.4608	-0.0013868	-0.0041878	-0.0038537	-0.0006482	-0.0019574	-0.0018013	-0.0012802	-0.0038657	-0.0035573
802	474768.71, 3848205.61	1.92631	7.15043	5.18407	-0.0002437	-0.0009046	-0.0006559	-0.0001139	-0.0004228	-0.0003066	-0.000225	-0.000835	-0.0006054
803	474768.71, 3848230.61	2.08471	7.88928	5.79508	-0.0002637	-0.0009981	-0.0007332	-0.0001233	-0.0004665	-0.0003427	-0.0002435	-0.0009213	-0.0006768
804	474768.71, 3848255.61	2.2658	8.50501	6.27034	-0.0002867	-0.001076	-0.0007933	-0.000134	-0.0005029	-0.0003708	-0.0002646	-0.0009932	-0.0007323
805	474768.71, 3848280.61	2.52419	9.47978	6.93462	-0.0003193	-0.0011993	-0.0008773	-0.0001493	-0.0005606	-0.0004101	-0.0002948	-0.0011071	-0.0008098
806	474768.71, 3848305.61	2.82968	10.487	7.97604	-0.000358	-0.0013268	-0.0010091	-0.0001673	-0.0006201	-0.0004717	-0.0003305	-0.0012247	-0.0009315
807	474768.71, 3848330.61	3.19222	11.564	9.28538	-0.0004039	-0.001463	-0.0011747	-0.0001888	-0.0006838	-0.0005491	-0.0003728	-0.0013505	-0.0010844
808	474768.71, 3848355.61	3.60796	13.3379	10.7835	-0.0004565	-0.0016874	-0.0013643	-0.0002134	-0.0007887	-0.0006377	-0.0004213	-0.0015576	-0.0012593
809	474768.71, 3848380.61	4.03096	14.9083	12.296	-0.00051	-0.0018861	-0.0015556	-0.0002384	-0.0008816	-0.0007271	-0.0004707	-0.001741	-0.001436
810	474768.71, 3848405.61	4.5259	16.3054	13.7123	-0.0005726	-0.0020629	-0.0017348	-0.0002676	-0.0009642	-0.0008109	-0.0005285	-0.0019042	-0.0016014
811	474768.71, 3848430.61	5.11403	17.8142	15.2745	-0.000647	-0.0022537	-0.0019324	-0.0003024	-0.0010534	-0.0009032	-0.0005972	-0.0020804	-0.0017838
812	474768.71, 3848455.61	5.8775	19.5084	17.6424	-0.0007436	-0.0024681	-0.002232	-0.0003476	-0.0011536	-0.0010433	-0.0006864	-0.0022782	-0.0020603
813	474768.71, 3848480.61	6.89457	22.4403	20.986	-0.0008723	-0.002839	-0.002655	-0.0004077	-0.001327	-0.001241	-0.0008052	-0.0026206	-0.0024508
814	474768.71, 3848505.61	8.02425	25.3105	23.5944	-0.0010152	-0.0032021	-0.002985	-0.0004745	-0.0014967	-0.0013952	-0.0009371	-0.0029558	-0.0027554
815	474768.71, 3848530.61	9.3635	28.6243	26.677	-0.0011846	-0.0036214	-0.003375	-0.0005537	-0.0016927	-0.0015775	-0.0010935	-0.0033428	-0.0031154
816	474768.71, 3848555.61	11.2349	33.7949	30.811	-0.0014214	-0.0042755	-0.003898	-0.0006644	-0.0019984	-0.001822	-0.001312	-0.0039467	-0.0035982
817	474793.71, 3848205.61	1.84868	6.82426	4.92775	-0.0002339	-0.0008634	-0.0006234	-0.0001093	-0.0004035	-0.0002914	-0.0002159	-0.000797	-0.0005755
818	474793.71, 3848230.61	1.92478	7.13179	5.21691	-0.0002435	-0.0009023	-0.00066	-0.0001138	-0.0004217	-0.0003085	-0.0002248	-0.0008329	-0.0006092
819	474793.71, 3848255.61	2.09648	7.82238	5.73992	-0.0002652	-0.0009896	-0.0007262	-0.000124	-0.0004626	-0.0003394	-0.0002448	-0.0009135	-0.0006703
820	474793.71, 3848280.61	2.32966	8.73933	6.43308	-0.0002947	-0.0011056	-0.0008139	-0.0001378	-0.0005168	-0.0003804	-0.0002721	-0.0010206	-0.0007513
821	474793.71, 3848305.61	2.61019	9.75649	7.13432	-0.0003302	-0.0012343	-0.0009026	-0.0001544	-0.0005769	-0.0004219	-0.0003048	-0.0011394	-0.0008332
822	474793.71, 3848330.61	2.95633	10.9449	8.46672	-0.000374	-0.0013847	-0.0010712	-0.0001748	-0.0006472	-0.0005007	-0.0003452	-0.0012782	-0.0009888
823	474793.71, 3848355.61	3.31187	12.1222	9.81808	-0.000419	-0.0015336	-0.0012421	-0.0001958	-0.0007168	-0.0005806	-0.0003868	-0.0014157	-0.0011466
824	474793.71, 3848380.61	3.67511	13.6604	11.0647	-0.000465	-0.0017282	-0.0013998	-0.0002173	-0.0008078	-0.0006543	-0.0004292	-0.0015953	-0.0012922
825	474793.71, 3848405.61	4.10679	15.0979	12.525	-0.0005196	-0.0019101	-0.0015846	-0.0002429	-0.0008928	-0.0007407	-0.0004796	-0.0017632	-0.0014627
826	474793.71, 3848430.61	4.61244	16.4907	13.968	-0.0005835	-0.0020863	-0.0017671	-0.0002728	-0.0009752	-0.000826	-0.0005387	-0.0019258	-0.0016312
827	474793.71, 3848455.61	5.20303	17.9335	15.4526	-0.0006583	-0.0022688	-0.001955	-0.0003077	-0.0010605	-0.0009138	-0.0006076	-0.0020943	-0.0018046
828	474793.71, 3848480.61	5.95538	19.5653	17.9552	-0.0007534	-0.0024753	-0.0022716	-0.0003522	-0.001157	-0.0010618	-0.0006955	-0.0022849	-0.0020969
829	474793.71, 3848505.61	6.90243	22.2546	20.7058	-0.0008733	-0.0028155	-0.0026196	-0.0004082	-0.001316	-0.0012244	-0.0008061	-0.002599	-0.0024181
830	474793.71, 3848530.61	8.13575	25.4323	23.6989	-0.0010293	-0.0032175	-0.0029982	-0.0004811	-0.0015039	-0.0014014	-0.0009501	-0.0029701	-0.0027676
831	474793.71, 3848555.61	9.56428	29.1276	27.2113	-0.00121	-0.003685	-0.0034426	-0.0005656	-0.0017224	-0.0016091	-0.0011169	-0.0034016	-0.0031778
832	474793.71, 3848580.61	11.5001	34.4508	31.1938	-0.0014549	-0.0043585	-0.0039464	-0.00068	-0.0020372	-0.0018446	-0.001343	-0.0040233	-0.0036429
833	474818.71, 3848230.61	1.86382	6.934	5.03782	-0.0002358	-0.0008772	-0.0006374	-0.0001102	-0.00041	-0.0002979	-0.0002177	-0.0008098	-0.0005883
834	474818.71, 3848255.61	2.00596	7.57957	5.61173	-0.0002538	-0.0009589	-0.00071	-0.0001186	-0.0004482	-0.0003318	-0.0002343	-0.0008852	-0.0006554
835	474818.71, 3848280.61	2.20216	8.36514	6.14755	-0.0002786	-0.0010583	-0.0007777	-0.0001302	-0.0004947	-0.0003635	-0.0002572	-0.0009769	-0.0007179
836	474818.71, 3848305.61	2.47389	9.45878	6.88484	-0.000313	-0.0011967	-0.000871	-0.0001463	-0.0005593	-0.0004071	-0.0002889	-0.0011046	-0.000804
837	474818.71, 3848330.61	2.75409	10.3623	7.75049	-0.0003484	-0.001311	-0.0009805	-0.0001629	-0.0006128	-0.0004583	-0.0003216	-0.0012101	-0.0009051
838	474818.71, 3848355.61	3.04094	11.1159	8.85757	-0.0003847	-0.0014063	-0.0011206	-0.0001798	-0.0006573	-0.0005238	-0.0003551	-0.0012981	-0.0010344
839	474818.71, 3848380.61	3.37471	12.4955	10.133	-0.0004269	-0.0015809	-0.001282	-0.0001996	-0.0007389	-0.0005992	-0.0003941	-0.0014593	-0.0011834
840	474818.71, 3848405.61	3.75512	13.9673	11.4418	-0.0004751	-0.0017671	-0.0014475	-0.0002221	-0.0008259	-0.0006766	-0.0004385	-0.0016311	-0.0013362
841	474818.71, 3848430.61	4.19462	15.3215	12.8173	-0.0005307	-0.0019384	-0.0016216	-0.000248	-0.000906	-0.0007579	-0.0004899	-0.0017893	-0.0014968
842	474818.71, 3848455.61	4.70426	16.636	14.181	-0.0005952	-0.0021047	-0.0017941	-0.0002782	-0.0009838	-0.0008386	-0.0005494	-0.0019428	-0.0016561

843	474818.71, 3848480.61	5.28013	17.7931	15.6701	-0.000668	-0.0022511	-0.0019825	-0.0003122	-0.0010522	-0.0009266	-0.0006166	-0.0020779	-0.00183
844	474818.71, 3848505.61	6.00111	19.5703	18.1909	-0.0007592	-0.0024759	-0.0023014	-0.0003549	-0.0011573	-0.0010757	-0.0007008	-0.0022855	-0.0021244
845	474818.71, 3848530.61	7.00007	22.1894	20.7304	-0.0008856	-0.0028073	-0.0026227	-0.0004139	-0.0013121	-0.0012259	-0.0008175	-0.0025913	-0.002421
846	474818.71, 3848555.61	8.2642	25.5761	23.854	-0.0010455	-0.0032357	-0.0030179	-0.0004887	-0.0015124	-0.0014106	-0.0009651	-0.0029868	-0.0027857
847	474818.71, 3848580.61	9.74973	29.5159	27.5109	-0.0012335	-0.0037342	-0.0034805	-0.0005765	-0.0017454	-0.0016268	-0.0011386	-0.0034469	-0.0032128
848	474818.71, 3848605.61	11.7426	35.0414	31.5402	-0.0014856	-0.0044332	-0.0039903	-0.0006944	-0.0020721	-0.0018651	-0.0013713	-0.0040922	-0.0036834
849	474843.71, 3848255.61	1.96136	7.50647	5.47577	-0.0002481	-0.0009497	-0.0006928	-0.000116	-0.0004439	-0.0003238	-0.0002291	-0.0008766	-0.0006395
850	474843.71, 3848280.61	2.13982	8.29075	6.11819	-0.0002707	-0.0010489	-0.000774	-0.0001265	-0.0004903	-0.0003618	-0.0002499	-0.0009682	-0.0007145
851	474843.71, 3848305.61	2.34037	9.04595	6.61591	-0.0002961	-0.0011444	-0.000837	-0.0001384	-0.0005349	-0.0003912	-0.0002733	-0.0010564	-0.0007726
852	474843.71, 3848330.61	2.55581	9.71729	7.08894	-0.0003233	-0.0012294	-0.0008968	-0.0001511	-0.0005746	-0.0004192	-0.0002985	-0.0011348	-0.0008279
853	474843.71, 3848355.61	2.80383	10.3936	7.98341	-0.0003547	-0.0013149	-0.00101	-0.0001658	-0.0006146	-0.0004721	-0.0003274	-0.0012138	-0.0009323
854	474843.71, 3848380.61	3.10667	11.3702	9.22725	-0.000393	-0.0014385	-0.0011674	-0.0001837	-0.0006724	-0.0005456	-0.0003628	-0.0013278	-0.0010776
855	474843.71, 3848405.61	3.44421	12.8394	10.4038	-0.0004357	-0.0016244	-0.0013162	-0.0002037	-0.0007592	-0.0006152	-0.0004022	-0.0014994	-0.001215
856	474843.71, 3848430.61	3.83016	14.2161	11.7532	-0.0004846	-0.0017985	-0.0014869	-0.0002265	-0.0008407	-0.000695	-0.0004473	-0.0016602	-0.0013726
857	474843.71, 3848455.61	4.26666	15.4129	12.992	-0.0005398	-0.0019499	-0.0016437	-0.0002523	-0.0009114	-0.0007683	-0.0004983	-0.0018	-0.0015172
858	474843.71, 3848480.61	4.73975	16.5125	14.1969	-0.0005996	-0.0020891	-0.0017961	-0.0002803	-0.0009765	-0.0008395	-0.0005535	-0.0019284	-0.001658
859	474843.71, 3848505.61	5.31219	17.755	15.9313	-0.0006721	-0.0022462	-0.0020155	-0.0003141	-0.0010499	-0.0009421	-0.0006204	-0.0020735	-0.0018605
860	474843.71, 3848530.61	6.0595	19.5054	18.1926	-0.0007666	-0.0024677	-0.0023016	-0.0003583	-0.0011534	-0.0010758	-0.0007076	-0.0022779	-0.0021246
861	474843.71, 3848555.61	7.0971	22.315	20.7834	-0.0008979	-0.0028232	-0.0026294	-0.0004197	-0.0013196	-0.001229	-0.0008288	-0.002606	-0.0024271
862	474843.71, 3848580.61	8.39741	25.7909	24.0822	-0.0010624	-0.0032629	-0.0030467	-0.0004966	-0.0015251	-0.0014241	-0.0009807	-0.0030119	-0.0028124
863	474843.71, 3848605.61	9.90581	29.9322	27.7388	-0.0012532	-0.0037868	-0.0035093	-0.0005858	-0.00177	-0.0016403	-0.0011568	-0.0034956	-0.0032394
864	474843.71, 3848630.61	12.0167	35.7071	31.8795	-0.0015203	-0.0045174	-0.0040332	-0.0007106	-0.0021115	-0.0018852	-0.0014033	-0.00417	-0.003723
865	474868.71, 3848280.61	2.04072	7.92713	5.79976	-0.0002582	-0.0010029	-0.0007337	-0.0001207	-0.0004688	-0.000343	-0.0002383	-0.0009258	-0.0006773
866	474868.71, 3848305.61	2.18568	8.45207	6.18237	-0.0002765	-0.0010693	-0.0007822	-0.0001292	-0.0004998	-0.0003656	-0.0002552	-0.0009871	-0.000722
867	474868.71, 3848330.61	2.32418	8.79015	6.38975	-0.000294	-0.0011121	-0.0008084	-0.0001374	-0.0005198	-0.0003779	-0.0002714	-0.0010265	-0.0007462
868	474868.71, 3848355.61	2.58189	9.65691	7.19608	-0.0003266	-0.0012217	-0.0009104	-0.0001527	-0.0005711	-0.0004255	-0.0003015	-0.0011278	-0.0008404
869	474868.71, 3848380.61	2.86835	10.4843	8.27904	-0.0003629	-0.0013264	-0.0010474	-0.0001696	-0.00062	-0.0004896	-0.000335	-0.0012244	-0.0009668
870	474868.71, 3848405.61	3.20074	11.8707	9.61656	-0.0004049	-0.0015018	-0.0012166	-0.0001893	-0.000702	-0.0005687	-0.0003738	-0.0013863	-0.001123
871	474868.71, 3848430.61	3.54736	13.2625	10.8239	-0.0004488	-0.0016779	-0.0013694	-0.0002098	-0.0007843	-0.0006401	-0.0004143	-0.0015488	-0.001264
872	474868.71, 3848455.61	3.89949	14.3491	11.9515	-0.0004933	-0.0018154	-0.001512	-0.0002306	-0.0008485	-0.0007067	-0.0004554	-0.0016757	-0.0013957
873	474868.71, 3848480.61	4.30054	15.3306	13.0259	-0.0005441	-0.0019395	-0.0016479	-0.0002543	-0.0009066	-0.0007703	-0.0005022	-0.0017904	-0.0015212
874	474868.71, 3848505.61	4.77853	16.5294	14.2634	-0.0006045	-0.0020912	-0.0018045	-0.0002826	-0.0009775	-0.0008435	-0.000558	-0.0019303	-0.0016657
875	474868.71, 3848530.61	5.34558	17.8953	16.0448	-0.0006763	-0.002264	-0.0020299	-0.0003161	-0.0010582	-0.0009488	-0.0006243	-0.0020899	-0.0018078
876	474868.71, 3848555.61	6.12334	19.6428	18.2288	-0.0007747	-0.0024851	-0.0023062	-0.0003621	-0.0011616	-0.0010779	-0.0007151	-0.0022939	-0.0021288
877	474868.71, 3848580.61	7.15675	22.3018	20.8177	-0.0009054	-0.0028215	-0.0026337	-0.0004232	-0.0013188	-0.001231	-0.0008358	-0.0026045	-0.0024311
878	474868.71, 3848605.61	8.5124	26.0543	24.2998	-0.0010769	-0.0032962	-0.0030743	-0.0005034	-0.0015407	-0.0014369	-0.0009941	-0.0030427	-0.0028378
879	474868.71, 3848630.61	10.0874	30.351	27.917	-0.0012762	-0.0038398	-0.0035319	-0.0005965	-0.0017948	-0.0016508	-0.001178	-0.0035445	-0.0032602
880	474868.71, 3848655.61	12.2591	36.2835	32.1426	-0.0015509	-0.0045904	-0.0040665	-0.0007249	-0.0021456	-0.0019007	-0.0014316	-0.0042373	-0.0037537
881	474893.71, 3848305.61	2.04066	7.85299	5.77863	-0.0002582	-0.0009935	-0.0007311	-0.0001207	-0.0004644	-0.0003417	-0.0002383	-0.0009171	-0.0006748
882	474893.71, 3848330.61	2.19757	8.39586	6.13808	-0.000278	-0.0010622	-0.0007766	-0.00013	-0.0004965	-0.000363	-0.0002566	-0.0009805	-0.0007168
883	474893.71, 3848355.61	2.41895	9.15099	6.69933	-0.000306	-0.0011577	-0.0008476	-0.000143	-0.0005411	-0.0003962	-0.0002825	-0.0010687	-0.0007824
884	474893.71, 3848380.61	2.70194	10.0644	7.72927	-0.0003418	-0.0012733	-0.0009779	-0.0001598	-0.0005951	-0.0004571	-0.0003155	-0.0011753	-0.0009026
885	474893.71, 3848405.61	2.99634	10.9846	8.89848	-0.0003791	-0.0013897	-0.0011258	-0.0001772	-0.0006496	-0.0005262	-0.0003499	-0.0012828	-0.0010392
886	474893.71, 3848430.61	3.28189	12.2629	9.91705	-0.0004152	-0.0015514	-0.0012546	-0.0001941	-0.0007252	-0.0005864	-0.0003833	-0.0014321	-0.0011581
887	474893.71, 3848455.61	3.57382	13.3006	10.9303	-0.0004521	-0.0016827	-0.0013828	-0.0002113	-0.0007865	-0.0006464	-0.0004174	-0.0015533	-0.0012765
888	474893.71, 3848480.61	3.9357	14.3352	12.0192	-0.0004979	-0.0018136	-0.0015206	-0.0002327	-0.0008477	-0.0007107	-0.0004596	-0.0016741	-0.0014036
889	474893.71, 3848505.61	4.33479	15.37	13.077	-0.0005484	-0.0019445	-0.0016544	-0.0002563	-0.0009089	-0.0007733	-0.0005062	-0.001795	-0.0015272
890	474893.71, 3848530.61	4.81127	16.5849	14.2838	-0.0006087	-0.0020982	-0.0018071	-0.0002845	-0.0009807	-0.0008447	-0.0005619	-0.0019368	-0.0016681
891	474893.71, 3848555.61	5.47872	18.177	16.511	-0.0006931	-0.0022996	-0.0020889	-0.000324	-0.0010749	-0.0009764	-0.0006398	-0.0021228	-0.0019282
892	474893.71, 3848580.61	6.41421	20.4004	19.1526	-0.0008115	-0.0025809	-0.0024231	-0.0003793	-0.0012064	-0.0011326	-0.0007491	-0.0023824	-0.0022367
893	474893.71, 3848605.61	7.29434	22.4656	21.135	-0.0009228	-0.0028422	-0.0026739	-0.0004313	-0.0013285	-0.0012498	-0.0008519	-0.0026236	-0.0024682
894	474893.71, 3848630.61	8.681	26.4783	24.5663	-0.0010983	-0.0033499	-0.003108	-0.0005133	-0.0015658	-0.0014527	-0.0010138	-0.0030922	-0.0028689
895	474893.71, 3848655.61	10.3448	30.9037	28.205	-0.0013088	-0.0039097	-0.0035683	-0.0006117	-0.0018275	-0.0016679	-0.0012081	-0.003609	-0.0032939
896	474918.71, 3848330.61	2.09027	8.04235	5.86541	-0.0002644	-0.0010175	-0.0007421	-0.0001236	-0.0004756	-0.0003468	-0.0002441	-0.0009392	-0.000685
897	474918.71, 3848355.61	2.32375	8.90982	6.45458	-0.000294	-0.0011272	-0.0008166	-0.0001374	-0.0005269	-0.0003817	-0.0002714	-0.0010405	-0.0007538
898	474918.71, 3848380.61	2.58072	9.8145	7.26844	-0.0003265	-0.0012417	-0.0009196	-0.0001526	-0.0005804	-0.0004298	-0.0003014	-0.0011462	-0.0008488
899	474918.71, 3848405.61	2.80526	10.372	8.17421	-0.0003549	-0.0013122	-0.0010341	-0.0001659	-0.0006133	-0.0004834	-0.0003276	-0.0012113	-0.0009546
900	474918.71, 3848430.61	3.0406	11.28	9.12691	-0.0003847	-0.0014271	-0.0011547	-0.0001798	-0.000667	-0.0005397	-0.0003551	-0.0013173	-0.0010659
901	474918.71, 3848455.61	3.30967	12.3767	10.0335	-0.0004187	-0.0015658	-0.0012694	-0.0001957	-0.0007319	-0.0005933	-0.0003865	-0.0014454	-0.0011717
902	474918.71, 3848480.61	3.63058	13.4446	11.134	-0.0004593	-0.0017009	-0.0014086	-0.0002147	-0.000795	-0.0006584	-0.000424	-0.0015701	-0.0013003
903	474918.71, 3848505.61	3.96741	14.4011	12.0696	-0.0005019	-0.0018219	-0.001527	-0.0002346	-0.0008516	-0.0007137	-0.0004633	-0.0016818	-0.0014095
904	474918.71, 3848530.61	4.48825	15.853	13.4776	-0.0005678	-0.0020056	-0.0017051	-0.0002654	-0.0009375	-0.000797	-0.0005241	-0.0018514	-0.001574
905	474918.71, 3848555.61	5.0152	17.1508	15.0883	-0.0006345	-0.0021698	-0.0019089	-0.0002966	-0.0010142	-0.0008922	-0.0005857	-0.0020029	-0.0017621
906	474918.71, 3848580.61	5.53796	18.2019	16.7622	-0.0007006	-0.0023028	-0.0021206	-0.0003275	-0.0010764	-0.0009912	-0.0006467	-0.0021257	-0.0019575
907	474918.71, 3848605.61	6.29623	19.8507	18.5169	-0.0007966	-0.0025114	-0.0023426	-0.0003723	-0.0011738	-0.001095	-0.0007353	-0.0023182	-0.0021625
908	474918.71, 3848630.61	7.49451	23.0269	21.6662	-0.0009482	-0.0029132	-0.0027411	-0.0004432	-0.0013617	-0.0012812	-0.0008752	-0.0026891	-0.0025302
909	474918.71, 3848655.61	8.88237	26.9078	24.9556	-0.0011237	-0.0034042	-0.0031572	-0.0005253	-0.0015912	-0.0014757	-0.0010373	-0.0031424	-0.0029144
910	474918.71, 3848680.61	10.5702	31.4063	28.5313	-0.0013373	-0.0039733	-0.0036096	-0.0006251	-0.0018572	-0.0016872	-0.0012344	-0.0036677	-0.003332
911	474943.71, 3848330.61	1.99792	7.7284	5.65525	-0.0002528	-0.0009777	-0.0007155	-0.0001181	-0.000457	-0.0003344	-0.0002333	-0.0009025	-0.0006604
912	474943.71, 3848355.61	2.20883	8.55458	6.2329	-0.0002794	-0.0010823	-0.0007885	-0.0001306	-0.0005059	-0.0003686	-0.000258	-0.000999	-0.0007279
913	474943.71, 3848380.61	2.41646	9.28484	6.7506	-0.0003057	-0.0011747	-0.000854	-0.0001429	-0.0005491	-0.0003992	-0.0002822	-0.0010843	-0.0007884
914	474943.71, 3848405.61	2.61179	9.78385	7.44905	-0.0003304	-0.0012378	-0.0009424	-0.0001544	-0.0005786	-0.0004405	-0.000305	-0.0011426	-0.0008699
915	474943.71, 3848430.61	2.83825	10.3929	8.3229	-0.0003591	-0.0013148	-0.001053	-0.0001678	-0.0006146	-0.0004922	-0.0003315	-0.0012137	-0.000972
916	474943.71, 3848455.61	3.09939	11.5797	9.35099	-0.0003921	-0.001465	-0.001183	-0.0001833	-0.0006848	-0.000553	-0.000362	-0.0013523	-0.001092
917	474943.71, 3848480.61	3.36683	12.597	10.2826	-0.000426	-0.0015937	-0.0013009	-0.0001991	-0.0007449	-0.000608	-0.0003932	-0.0014711	-0.0012008
918	474943.71, 3848505.61	3.82009	14.1108	11.7317	-0.0004833	-0.0017852	-0.0014842	-0.0002259	-0.0008344	-0.0006937	-0.0004461	-0.0016479	-0.0013701
919	474943.71, 3848530.61	4.13862	14.9316	12.5393	-0.0005236	-0.001889	-0.0015864	-0.0002447	-0.000883	-0.0007415	-0.0004833	-0.0017437	-0.0014644

920	474943.71, 3848555.61	4.48748	15.6731	13.3223	-0.0005677	-0.0019829	-0.0016855	-0.0002654	-0.0009268	-0.0007878	-0.0005241	-0.0018303	-0.0015558
921	474943.71, 3848580.61	4.95725	16.739	14.8828	-0.0006272	-0.0021177	-0.0018829	-0.0002931	-0.0009898	-0.0008801	-0.0005789	-0.0019548	-0.001738
922	474943.71, 3848605.61	5.58155	18.2395	16.8126	-0.0007061	-0.0023075	-0.002127	-0.0003301	-0.0010786	-0.0009942	-0.0006518	-0.0021301	-0.0019634
923	474943.71, 3848630.61	6.55269	20.6988	19.1937	-0.000829	-0.0026187	-0.0024283	-0.0003875	-0.001224	-0.001135	-0.0007652	-0.0024173	-0.0022415
924	474943.71, 3848655.61	7.69584	23.4613	22.1403	-0.0009736	-0.0029682	-0.002801	-0.0004551	-0.0013874	-0.0013092	-0.0008987	-0.0027399	-0.0025856
925	474943.71, 3848680.61	9.05332	27.2623	25.2591	-0.0011454	-0.0034491	-0.0031956	-0.0005354	-0.0016121	-0.0014937	-0.0010573	-0.0031838	-0.0029498
926	474943.71, 3848705.61	10.8372	31.9778	29.0698	-0.0013711	-0.0040456	-0.0036777	-0.0006408	-0.001891	-0.001719	-0.0012656	-0.0037345	-0.0033948
927	474968.71, 3848355.61	2.05008	7.93362	5.78992	-0.0002594	-0.0010037	-0.0007325	-0.0001212	-0.0004691	-0.0003424	-0.0002394	-0.0009265	-0.0006762
928	474968.71, 3848380.61	2.21169	8.46973	6.11594	-0.0002798	-0.0010715	-0.0007738	-0.0001308	-0.0005008	-0.0003617	-0.0002583	-0.0009891	-0.0007142
929	474968.71, 3848405.61	2.41388	9.07926	6.72467	-0.0003054	-0.0011487	-0.0008508	-0.0001427	-0.0005369	-0.0003977	-0.0002819	-0.0010603	-0.0007853
930	474968.71, 3848430.61	2.72502	10.1331	7.91139	-0.0003448	-0.001282	-0.0010009	-0.0001611	-0.0005992	-0.0004678	-0.0003182	-0.0011834	-0.0009239
931	474968.71, 3848455.61	3.07175	11.3656	9.18617	-0.0003886	-0.0014379	-0.0011622	-0.0001816	-0.0006721	-0.0005432	-0.0003587	-0.0013273	-0.0010728
932	474968.71, 3848480.61	3.16269	11.8866	9.5835	-0.0004001	-0.0015038	-0.0012124	-0.000187	-0.0007029	-0.0005667	-0.0003693	-0.0013882	-0.0011192
933	474968.71, 3848505.61	3.50265	13.1326	10.7721	-0.0004431	-0.0016614	-0.0013628	-0.0002071	-0.0007766	-0.000637	-0.000409	-0.0015337	-0.001258
934	474968.71, 3848530.61	3.75764	13.8306	11.4441	-0.0004754	-0.0017498	-0.0014478	-0.0002222	-0.0008179	-0.0006767	-0.0004388	-0.0016152	-0.0013365
935	474968.71, 3848555.61	4.07879	14.5577	12.2095	-0.000516	-0.0018417	-0.0015447	-0.0002412	-0.0008609	-0.000722	-0.0004763	-0.0017001	-0.0014259
936	474968.71, 3848580.61	4.53312	15.6866	13.4576	-0.0005735	-0.0019846	-0.0017026	-0.0002681	-0.0009276	-0.0007958	-0.0005294	-0.0018319	-0.0015716
937	474968.71, 3848605.61	5.09593	17.1464	15.3959	-0.0006447	-0.0021692	-0.0019478	-0.0003013	-0.0010139	-0.0009104	-0.0005951	-0.0020024	-0.001798
938	474968.71, 3848630.61	5.7406	18.701	17.2574	-0.0007263	-0.0023659	-0.0021833	-0.0003395	-0.0011059	-0.0010205	-0.0006704	-0.002184	-0.0020154
939	474968.71, 3848655.61	6.75446	21.3306	19.6887	-0.0008545	-0.0026986	-0.0024909	-0.0003994	-0.0012614	-0.0011643	-0.0007888	-0.002491	-0.0022993
940	474968.71, 3848680.61	7.88808	23.9573	22.7205	-0.000998	-0.0030309	-0.0028745	-0.0004665	-0.0014167	-0.0013436	-0.0009212	-0.0027978	-0.0026534
941	474968.71, 3848705.61	9.28814	27.8375	25.8516	-0.0011751	-0.0035218	-0.0032706	-0.0005492	-0.0016461	-0.0015287	-0.0010847	-0.0032509	-0.003019
942	474968.71, 3848730.61	11.1202	32.5881	29.3956	-0.0014069	-0.0041228	-0.0037189	-0.0006576	-0.0019271	-0.0017383	-0.0012986	-0.0038057	-0.0034329
943	474993.71, 3848380.61	2.343	9.38954	6.81897	-0.0002964	-0.0011879	-0.0008627	-0.0001386	-0.0005552	-0.0004032	-0.0002736	-0.0010965	-0.0007963
944	474993.71, 3848405.61	2.51825	9.91048	7.33702	-0.0003186	-0.0012538	-0.0009282	-0.0001489	-0.000586	-0.0004339	-0.0002941	-0.0011574	-0.0008568
945	474993.71, 3848430.61	2.65153	10.1137	7.66735	-0.0003355	-0.0012795	-0.00097	-0.0001568	-0.0005981	-0.0004534	-0.0003097	-0.0011811	-0.0008954
946	474993.71, 3848455.61	2.79721	10.29	8.15802	-0.0003539	-0.0013018	-0.0010321	-0.0001654	-0.0006085	-0.0004824	-0.0003267	-0.0012017	-0.0009527
947	474993.71, 3848480.61	2.96591	11.1287	8.88378	-0.0003752	-0.0014079	-0.0011239	-0.0001754	-0.0006581	-0.0005253	-0.0003464	-0.0012996	-0.0010375
948	474993.71, 3848505.61	3.21483	12.1473	9.83897	-0.0004067	-0.0015368	-0.0012448	-0.0001901	-0.0007183	-0.0005818	-0.0003754	-0.0014186	-0.001149
949	474993.71, 3848530.61	3.49067	13.0519	10.6779	-0.0004416	-0.0016512	-0.0013509	-0.0002064	-0.0007718	-0.0006314	-0.0004076	-0.0015242	-0.001247
950	474993.71, 3848555.61	3.81264	13.9161	11.5276	-0.0004824	-0.0017606	-0.0014584	-0.0002255	-0.0008229	-0.0006817	-0.0004453	-0.0016252	-0.0013462
951	474993.71, 3848580.61	4.20391	14.9108	12.5245	-0.0005319	-0.0018864	-0.0015845	-0.0002486	-0.0008817	-0.0007406	-0.0004909	-0.0017413	-0.0014626
952	474993.71, 3848605.61	4.68856	16.1917	14.0562	-0.0005932	-0.0020485	-0.0017783	-0.0002773	-0.0009575	-0.0008312	-0.0005475	-0.0018909	-0.0016415
953	474993.71, 3848630.61	5.24334	17.5737	15.8523	-0.0006634	-0.0022233	-0.0020055	-0.0003101	-0.0010392	-0.0009374	-0.0006123	-0.0020523	-0.0018513
954	474993.71, 3848655.61	5.89262	19.0552	17.6359	-0.0007455	-0.0024107	-0.0022312	-0.0003485	-0.0011268	-0.0010429	-0.0006882	-0.0022253	-0.0020596
955	474993.71, 3848680.61	6.94343	21.7852	20.293	-0.0008784	-0.0027561	-0.0025673	-0.0004106	-0.0012882	-0.0012	-0.0008109	-0.0025441	-0.0023699
956	474993.71, 3848705.61	8.10452	24.5405	23.3363	-0.0010253	-0.0031047	-0.0029524	-0.0004793	-0.0014512	-0.00138	-0.0009465	-0.0028659	-0.0027253
957	474993.71, 3848730.61	9.5539	28.4453	26.2743	-0.0012087	-0.0035987	-0.0033241	-0.000565	-0.0016821	-0.0015537	-0.0011157	-0.0033219	-0.0030684
958	474993.71, 3848755.61	11.4618	33.3509	30.1474	-0.0014501	-0.0042194	-0.0038141	-0.0006778	-0.0019722	-0.0017827	-0.0013385	-0.0038948	-0.0035207
959	475018.71, 3848405.61	2.20945	8.5406	6.16416	-0.0002795	-0.0010805	-0.0007799	-0.0001307	-0.000505	-0.0003645	-0.000258	-0.0009974	-0.0007199
960	475018.71, 3848430.61	2.34361	8.83241	6.50911	-0.0002965	-0.0011174	-0.0008235	-0.0001386	-0.0005223	-0.0003849	-0.0002737	-0.0010315	-0.0007602
961	475018.71, 3848455.61	2.52608	9.32042	7.30169	-0.0003196	-0.0011792	-0.0009238	-0.0001494	-0.0005512	-0.0004318	-0.000295	-0.0010885	-0.0008527
962	475018.71, 3848480.61	2.78595	10.3754	8.22313	-0.0003525	-0.0013126	-0.0010403	-0.0001647	-0.0006135	-0.0004863	-0.0003254	-0.0012117	-0.0009603
963	475018.71, 3848505.61	3.03441	11.4984	9.20426	-0.0003839	-0.0014547	-0.0011645	-0.0001794	-0.0006799	-0.0005443	-0.0003544	-0.0013428	-0.0010749
964	475018.71, 3848530.61	3.3013	12.4871	10.1371	-0.0004177	-0.0015798	-0.0012825	-0.0001952	-0.0007384	-0.0005994	-0.0003855	-0.0014583	-0.0011838
965	475018.71, 3848555.61	3.59889	13.3882	11.0075	-0.0004553	-0.0016938	-0.0013926	-0.0002128	-0.0007917	-0.0006509	-0.0004203	-0.0015635	-0.0012855
966	475018.71, 3848580.61	3.94505	14.3244	11.8851	-0.0004991	-0.0018122	-0.0015036	-0.0002333	-0.0008471	-0.0007028	-0.0004607	-0.0016728	-0.001388
967	475018.71, 3848605.61	4.35544	15.4116	12.9609	-0.000551	-0.0019498	-0.0016397	-0.0002576	-0.0009114	-0.0007664	-0.0005086	-0.0017998	-0.0015136
968	475018.71, 3848630.61	4.8103	16.5282	14.4468	-0.0006086	-0.002091	-0.0018277	-0.0002845	-0.0009774	-0.0008543	-0.0005618	-0.0019302	-0.0016871
969	475018.71, 3848655.61	5.34644	17.7807	16.1076	-0.0006764	-0.0022495	-0.0020378	-0.0003162	-0.0010514	-0.0009525	-0.0006244	-0.0020765	-0.0018811
970	475018.71, 3848680.61	6.22047	20.1548	18.6307	-0.000787	-0.0025499	-0.002357	-0.0003678	-0.0011918	-0.0011017	-0.0007264	-0.0023537	-0.0021757
971	475018.71, 3848705.61	7.24229	22.6596	21.4002	-0.0009162	-0.0028668	-0.0027074	-0.0004283	-0.00134	-0.0012655	-0.0008458	-0.0026463	-0.0024992
972	475018.71, 3848730.61	8.4092	25.4781	24.1452	-0.0010639	-0.0032233	-0.0030547	-0.0004973	-0.0015066	-0.0014278	-0.000982	-0.0029754	-0.0028197
973	475018.71, 3848755.61	9.87945	29.1783	26.9769	-0.0012499	-0.0036914	-0.0034129	-0.0005842	-0.0017254	-0.0015953	-0.0011537	-0.0034075	-0.0031504
974	475018.71, 3848780.61	11.8231	34.1797	31.2387	-0.0014958	-0.0043242	-0.0039521	-0.0006991	-0.0020212	-0.0018473	-0.0013807	-0.0039916	-0.0036481
975	475043.71, 3848430.61	2.15171	8.12227	5.9522	-0.0002722	-0.0010276	-0.000753	-0.0001272	-0.0004803	-0.000352	-0.0002513	-0.0009485	-0.0006951
976	475043.71, 3848455.61	2.39248	8.95601	6.79139	-0.0003027	-0.0011331	-0.0008592	-0.0001415	-0.0005296	-0.0004016	-0.0002794	-0.0010459	-0.0007931
977	475043.71, 3848480.61	2.63868	9.70896	7.68613	-0.0003338	-0.0012283	-0.0009724	-0.000156	-0.0005741	-0.0004545	-0.0003082	-0.0011338	-0.0008976
978	475043.71, 3848505.61	2.87635	10.8761	8.63072	-0.0003639	-0.001376	-0.0010919	-0.0001701	-0.0006431	-0.0005104	-0.0003359	-0.0012701	-0.0010079
979	475043.71, 3848530.61	3.13305	11.9334	9.63313	-0.0003964	-0.0015097	-0.0012187	-0.0001853	-0.0007057	-0.0005696	-0.0003659	-0.0013936	-0.001125
980	475043.71, 3848555.61	3.41399	12.8927	10.4843	-0.0004319	-0.0016311	-0.0013264	-0.0002019	-0.0007624	-0.00062	-0.0003987	-0.0015056	-0.0012244
981	475043.71, 3848580.61	3.72577	13.8123	11.338	-0.0004714	-0.0017474	-0.0014344	-0.0002203	-0.0008168	-0.0006705	-0.0004351	-0.001613	-0.0013241
982	475043.71, 3848605.61	4.06487	14.7081	12.2217	-0.0005143	-0.0018608	-0.0015462	-0.0002404	-0.0008697	-0.0007227	-0.0004747	-0.0017176	-0.0014273
983	475043.71, 3848630.61	4.351	15.2446	12.9018	-0.0005505	-0.0019286	-0.0016323	-0.0002573	-0.0009015	-0.0007629	-0.0005081	-0.0017803	-0.0015067
984	475043.71, 3848655.61	4.90006	16.6992	14.6844	-0.0006199	-0.0021127	-0.0018578	-0.0002898	-0.0009875	-0.0008683	-0.0005722	-0.0019502	-0.0017149
985	475043.71, 3848680.61	5.64876	18.7582	17.2734	-0.0007146	-0.0023732	-0.0021853	-0.000334	-0.0011092	-0.0010214	-0.0006597	-0.0021906	-0.0020172
986	475043.71, 3848705.61	6.54603	21.1926	19.7308	-0.0008282	-0.0026812	-0.0024962	-0.0003871	-0.0012532	-0.0011668	-0.0007645	-0.0024749	-0.0023042
987	475043.71, 3848730.61	7.47448	23.2895	22.016	-0.0009456	-0.0029464	-0.0027853	-0.000442	-0.0013772	-0.0013019	-0.0008729	-0.0027198	-0.0025711
988	475043.71, 3848755.61	8.64022	26.0974	24.7075	-0.0010931	-0.0033017	-0.0031258	-0.0005109	-0.0015432	-0.0014611	-0.001009	-0.0030477	-0.0028854
989	475043.71, 3848780.61	10.1353	29.7581	27.4729	-0.0012822	-0.0037648	-0.0034757	-0.0005993	-0.0017597	-0.0016246	-0.0011836	-0.0034752	-0.0032084
990	475043.71, 3848805.61	12.1733	34.9502	32.339	-0.0015401	-0.0044217	-0.0040913	-0.0007199	-0.0020667	-0.0019123	-0.0014216	-0.0040816	-0.0037766
991	475068.71, 3848455.61	2.2734	8.58246	6.30973	-0.0002876	-0.0010858	-0.0007983	-0.0001344	-0.0005075	-0.0003731	-0.0002655	-0.0010023	-0.0007369
992	475068.71, 3848480.61	2.51113	9.37971	7.2388	-0.0003177	-0.0011867	-0.0009158	-0.0001485	-0.0005547	-0.0004281	-0.0002933	-0.0010954	-0.0008454
993	475068.71, 3848505.61	2.73442	10.2679	8.09656	-0.0003459	-0.001299	-0.0010243	-0.0001617	-0.0006072	-0.0004788	-0.0003193	-0.0011991	-0.0009455
994	475068.71, 3848530.61	2.97853	11.3714	9.14467	-0.0003768	-0.0014386	-0.0011569	-0.0001761	-0.0006724	-0.0005408	-0.0003478	-0.001328	-0.0010679
995	475068.71, 3848555.61	3.2386	12.3679	9.98731	-0.0004097	-0.0015647	-0.0012635	-0.0001915	-0.0007314	-0.0005906	-0.0003782	-0.0014444	-0.0011663
996	475068.71, 3848580.61	3.50642	13.2311	10.7433	-0.0004436	-0.0016739	-0.0013592	-0.0002073	-0.0007824	-0.0006353	-0.0004095	-0.0015452	-0.0012546

997	475068.71, 3848605.61	3.76839	13.9121	11.4184	-0.0004768	-0.0017601	-0.0014446	-0.0002228	-0.0008227	-0.0006752	-0.0004401	-0.0016247	-0.0013335
998	475068.71, 3848630.61	3.99444	14.2902	11.8863	-0.0005054	-0.0018079	-0.0015038	-0.0002362	-0.000845	-0.0007029	-0.0004665	-0.0016688	-0.0013881
999	475068.71, 3848655.61	4.54685	15.8742	13.5584	-0.0005752	-0.0020083	-0.0017153	-0.0002689	-0.0009387	-0.0008018	-0.000531	-0.0018538	-0.0015834
1000	475068.71, 3848680.61	5.13617	17.4568	15.5358	-0.0006498	-0.0022085	-0.0019655	-0.0003037	-0.0010323	-0.0009187	-0.0005998	-0.0020386	-0.0018143
1001	475068.71, 3848705.61	5.92855	19.7149	17.9997	-0.00075	-0.0024942	-0.0022772	-0.0003506	-0.0011658	-0.0010644	-0.0006924	-0.0023024	-0.0021021
1002	475068.71, 3848730.61	6.70291	21.5515	20.1181	-0.000848	-0.0027266	-0.0025452	-0.0003964	-0.0012744	-0.0011897	-0.0007828	-0.0025168	-0.0023495
1003	475068.71, 3848755.61	7.6579	23.8665	22.4083	-0.0009688	-0.0030194	-0.002835	-0.0004528	-0.0014113	-0.0013251	-0.0008943	-0.0027872	-0.0026169
1004	475068.71, 3848780.61	8.84861	26.6228	25.1532	-0.0011195	-0.0033681	-0.0031822	-0.0005233	-0.0015743	-0.0014874	-0.0010334	-0.0031091	-0.0029375
1005	475068.71, 3848805.61	10.3983	30.3422	27.9771	-0.0013155	-0.0038387	-0.0035395	-0.0006149	-0.0017943	-0.0016544	-0.0012143	-0.0035434	-0.0032672
1006	475068.71, 3848830.61	12.5171	35.6741	33.1467	-0.0015836	-0.0045133	-0.0041935	-0.0007402	-0.0021096	-0.0019601	-0.0014618	-0.0041661	-0.003871
1007	475093.71, 3848480.61	2.39961	9.10723	6.90262	-0.0003036	-0.0011522	-0.0008733	-0.0001419	-0.0005385	-0.0004082	-0.0002802	-0.0010636	-0.0008061
1008	475093.71, 3848505.61	2.62818	9.769	7.72772	-0.0003325	-0.0012359	-0.0009777	-0.0001554	-0.0005777	-0.000457	-0.0003069	-0.0011408	-0.0009025
1009	475093.71, 3848530.61	2.8548	10.8804	8.73843	-0.0003612	-0.0013765	-0.0011055	-0.0001688	-0.0006434	-0.0005167	-0.0003334	-0.0012706	-0.0010205
1010	475093.71, 3848555.61	3.08191	11.8439	9.51782	-0.0003899	-0.0014984	-0.0012041	-0.0001822	-0.0007004	-0.0005628	-0.0003599	-0.0013832	-0.0011115
1011	475093.71, 3848580.61	3.29589	12.6025	10.1494	-0.000417	-0.0015944	-0.001284	-0.0001949	-0.0007452	-0.0006002	-0.0003849	-0.0014718	-0.0011853
1012	475093.71, 3848605.61	3.49651	13.1385	10.642	-0.0004424	-0.0016622	-0.0013464	-0.0002068	-0.0007769	-0.0006293	-0.0004083	-0.0015344	-0.0012428
1013	475093.71, 3848630.61	3.81456	13.9779	11.5103	-0.0004826	-0.0017684	-0.0014562	-0.0002256	-0.0008266	-0.0006806	-0.0004455	-0.0016324	-0.0013442
1014	475093.71, 3848655.61	4.27834	15.2891	12.8328	-0.0005413	-0.0019343	-0.0016235	-0.000253	-0.0009041	-0.0007589	-0.0004996	-0.0017855	-0.0014986
1015	475093.71, 3848680.61	4.76338	16.5873	14.3929	-0.0006026	-0.0020985	-0.0018209	-0.0002817	-0.0009809	-0.0008511	-0.0005563	-0.0019371	-0.0016808
1016	475093.71, 3848705.61	5.37814	18.3369	16.3875	-0.0006804	-0.0023199	-0.0020732	-0.000318	-0.0010843	-0.0009691	-0.0006281	-0.0021414	-0.0019138
1017	475093.71, 3848730.61	6.0862	20.2233	18.5234	-0.00077	-0.0025585	-0.0023435	-0.0003599	-0.0011959	-0.0010954	-0.0007108	-0.0023617	-0.0021632
1018	475093.71, 3848755.61	6.87199	21.9249	20.5371	-0.0008694	-0.0027738	-0.0025982	-0.0004064	-0.0012965	-0.0012144	-0.0008025	-0.0025605	-0.0023984
1019	475093.71, 3848780.61	7.85514	24.4321	22.8356	-0.0009938	-0.003091	-0.002889	-0.0004645	-0.0014448	-0.0013504	-0.0009173	-0.0028532	-0.0026668
1020	475093.71, 3848805.61	9.07806	27.2014	25.6457	-0.0011485	-0.0034413	-0.0032445	-0.0005368	-0.0016085	-0.0015165	-0.0010602	-0.0031767	-0.002995
1021	475093.71, 3848830.61	10.6971	31.0216	28.6634	-0.0013533	-0.0039247	-0.0036263	-0.0006326	-0.0018344	-0.001695	-0.0012492	-0.0036228	-0.0033474
1022	475118.71, 3848480.61	2.27176	8.67955	6.4322	-0.0002874	-0.0010981	-0.0008138	-0.0001343	-0.0005133	-0.0003804	-0.0002653	-0.0010136	-0.0007512
1023	475118.71, 3848505.61	2.51014	9.44788	7.24443	-0.0003176	-0.0011953	-0.0009165	-0.0001484	-0.0005587	-0.0004284	-0.0002931	-0.0011033	-0.000846
1024	475118.71, 3848530.61	2.74354	10.3977	8.35341	-0.0003471	-0.0013155	-0.0010568	-0.0001622	-0.0006149	-0.000494	-0.0003204	-0.0012143	-0.0009755
1025	475118.71, 3848555.61	2.94777	11.3533	9.0987	-0.0003729	-0.0014364	-0.0011511	-0.0001743	-0.0006714	-0.000538	-0.0003442	-0.0013259	-0.0010626
1026	475118.71, 3848580.61	3.13877	12.1156	9.70322	-0.0003971	-0.0015328	-0.0012276	-0.0001856	-0.0007164	-0.0005738	-0.0003666	-0.0014149	-0.0011332
1027	475118.71, 3848605.61	3.31744	12.6603	10.1814	-0.0004197	-0.0016017	-0.0012881	-0.0001962	-0.0007487	-0.0006021	-0.0003874	-0.0014785	-0.001189
1028	475118.71, 3848630.61	3.64468	13.6272	11.1294	-0.0004611	-0.001724	-0.001408	-0.0002155	-0.0008058	-0.0006581	-0.0004256	-0.0015914	-0.0012997
1029	475118.71, 3848655.61	4.02965	14.6982	12.2242	-0.0005098	-0.0018595	-0.0015465	-0.0002383	-0.0008692	-0.0007229	-0.0004706	-0.0017165	-0.0014276
1030	475118.71, 3848680.61	4.43365	15.7641	13.348	-0.0005609	-0.0019944	-0.0016887	-0.0002622	-0.0009322	-0.0007893	-0.0005178	-0.001841	-0.0015588
1031	475118.71, 3848705.61	4.88141	16.8762	14.7691	-0.0006176	-0.0021351	-0.0018685	-0.0002887	-0.000998	-0.0008734	-0.0005701	-0.0019709	-0.0017248
1032	475118.71, 3848730.61	5.55403	18.9104	16.8929	-0.0007027	-0.0023924	-0.0021372	-0.0003284	-0.0011182	-0.0009989	-0.0006486	-0.0022084	-0.0019728
1033	475118.71, 3848755.61	6.21982	20.4619	18.8521	-0.0007869	-0.0025887	-0.002385	-0.0003678	-0.00121	-0.0011148	-0.0007264	-0.0023896	-0.0022016
1034	475118.71, 3848780.61	7.05165	22.5939	21.1059	-0.0008921	-0.0028584	-0.0026702	-0.000417	-0.0013361	-0.0012481	-0.0008235	-0.0026386	-0.0024648
1035	475118.71, 3848805.61	8.05499	25.0117	23.3265	-0.0010191	-0.0031643	-0.0029511	-0.0004763	-0.001479	-0.0013794	-0.0009407	-0.0029209	-0.0027241
1036	475118.71, 3848830.61	9.32538	27.8115	26.1576	-0.0011798	-0.0035185	-0.0033093	-0.0005514	-0.0016446	-0.0015468	-0.001089	-0.0032479	-0.0030547
1037	475118.71, 3848855.61	10.969	31.6265	29.5057	-0.0013877	-0.0040012	-0.0037329	-0.0006486	-0.0018702	-0.0017448	-0.001281	-0.0036934	-0.0034458
1038	475143.71, 3848505.61	2.40696	9.20477	6.99009	-0.0003045	-0.0011645	-0.0008843	-0.0001423	-0.0005443	-0.0004134	-0.0002811	-0.001075	-0.0008163
1039	475143.71, 3848530.61	2.63717	9.9024	7.96727	-0.0003336	-0.0012528	-0.001008	-0.0001559	-0.0005856	-0.0004711	-0.000308	-0.0011564	-0.0009304
1040	475143.71, 3848555.61	2.83714	10.9103	8.73905	-0.0003589	-0.0013803	-0.0011056	-0.0001678	-0.0006452	-0.0005168	-0.0003313	-0.0012741	-0.0010206
1041	475143.71, 3848580.61	3.03129	11.7663	9.40535	-0.0003835	-0.0014886	-0.0011899	-0.0001793	-0.0006958	-0.0005562	-0.000354	-0.0013741	-0.0010984
1042	475143.71, 3848605.61	3.22856	12.4716	9.97607	-0.0004085	-0.0015778	-0.0012621	-0.0001909	-0.0007375	-0.0005899	-0.000377	-0.0014565	-0.001165
1043	475143.71, 3848630.61	3.47513	13.2128	10.5557	-0.0004397	-0.0016716	-0.0013354	-0.0002055	-0.0007813	-0.0006242	-0.0004058	-0.001543	-0.0012327
1044	475143.71, 3848655.61	3.77532	14.0165	11.55	-0.0004776	-0.0017733	-0.0014612	-0.0002233	-0.0008289	-0.000683	-0.0004409	-0.0016369	-0.0013488
1045	475143.71, 3848680.61	4.12164	14.9239	12.5227	-0.0005214	-0.0018881	-0.0015843	-0.0002437	-0.0008825	-0.0007405	-0.0004813	-0.0017429	-0.0014624
1046	475143.71, 3848705.61	4.51967	15.9521	13.6196	-0.0005718	-0.0020182	-0.0017231	-0.0002673	-0.0009433	-0.0008054	-0.0005278	-0.0018629	-0.0015905
1047	475143.71, 3848730.61	5.01976	17.3288	15.2173	-0.0006351	-0.0021923	-0.0019252	-0.0002968	-0.0010247	-0.0008999	-0.0005862	-0.0020237	-0.0017771
1048	475143.71, 3848755.61	5.65481	19.2094	17.2354	-0.0007154	-0.0024303	-0.0021805	-0.0003344	-0.0011359	-0.0010192	-0.0006604	-0.0022433	-0.0020128
1049	475143.71, 3848780.61	6.35794	20.7298	19.1839	-0.0008044	-0.0026226	-0.002427	-0.000376	-0.0012258	-0.0011344	-0.0007425	-0.0024209	-0.0022403
1050	475143.71, 3848805.61	7.22634	23.1112	21.4826	-0.0009142	-0.0029239	-0.0027178	-0.0004273	-0.0013667	-0.0012704	-0.0008439	-0.002699	-0.0025088
1051	475143.71, 3848830.61	8.25499	25.5433	23.8582	-0.0010444	-0.0032316	-0.0030184	-0.0004882	-0.0015105	-0.0014108	-0.000964	-0.002983	-0.0027862
1052	475143.71, 3848855.61	9.57993	28.4284	26.6389	-0.001212	-0.0035966	-0.0033702	-0.0005665	-0.0016811	-0.0015753	-0.0011188	-0.0033199	-0.003111
1053	475143.71, 3848880.61	11.3614	32.4427	30.6031	-0.0014374	-0.0041044	-0.0038717	-0.0006718	-0.0019185	-0.0018097	-0.0013268	-0.0037887	-0.0035739
1054	475168.71, 3848530.61	2.53052	9.64801	7.56517	-0.0003201	-0.0012206	-0.0009571	-0.0001496	-0.0005705	-0.0004474	-0.0002955	-0.0011267	-0.0008835
1055	475168.71, 3848555.61	2.7126	10.3701	8.30467	-0.0003432	-0.001312	-0.0010507	-0.0001604	-0.0006132	-0.0004911	-0.0003168	-0.001211	-0.0009698
1056	475168.71, 3848580.61	2.89258	11.2389	8.96313	-0.000366	-0.0014219	-0.001134	-0.0001711	-0.0006646	-0.00053	-0.0003378	-0.0013125	-0.0010467
1057	475168.71, 3848605.61	3.09502	12.0496	9.61818	-0.0003916	-0.0015244	-0.0012168	-0.000183	-0.0007125	-0.0005688	-0.0003614	-0.0014072	-0.0011232
1058	475168.71, 3848630.61	3.27911	12.6269	10.0563	-0.0004149	-0.0015975	-0.0012723	-0.0001939	-0.0007467	-0.0005947	-0.0003829	-0.0014746	-0.0011744
1059	475168.71, 3848655.61	3.4903	13.1636	10.5895	-0.0004416	-0.0016654	-0.0013397	-0.0002064	-0.0007784	-0.0006262	-0.0004076	-0.0015373	-0.0012367
1060	475168.71, 3848680.61	3.78747	13.9229	11.5615	-0.0004792	-0.0017614	-0.0014627	-0.000224	-0.0008233	-0.0006837	-0.0004423	-0.001626	-0.0013502
1061	475168.71, 3848705.61	4.16828	14.9503	12.6607	-0.0005273	-0.0018914	-0.0016018	-0.0002465	-0.0008841	-0.0007487	-0.0004868	-0.0017459	-0.0014786
1062	475168.71, 3848730.61	4.60533	16.13	13.8831	-0.0005826	-0.0020407	-0.0017564	-0.0002723	-0.0009538	-0.000821	-0.0005378	-0.0018837	-0.0016213
1063	475168.71, 3848755.61	5.14004	17.7489	15.565	-0.0006503	-0.0022455	-0.0019692	-0.000304	-0.0010496	-0.0009204	-0.0006003	-0.0020728	-0.0018177
1064	475168.71, 3848780.61	5.79478	19.4771	17.5976	-0.0007331	-0.0024641	-0.0022263	-0.0003427	-0.0011518	-0.0010406	-0.0006767	-0.0022746	-0.0020551
1065	475168.71, 3848805.61	6.55517	21.5186	19.7104	-0.0008293	-0.0027224	-0.0024936	-0.0003876	-0.0012725	-0.0011656	-0.0007655	-0.002513	-0.0023018
1066	475168.71, 3848830.61	7.40914	23.6693	21.9139	-0.0009374	-0.0029945	-0.0027724	-0.0004381	-0.0013997	-0.0012959	-0.0008653	-0.0027642	-0.0025592
1067	475168.71, 3848855.61	8.47823	26.1091	24.4293	-0.0010726	-0.0033032	-0.0030906	-0.0005014	-0.0015439	-0.0014446	-0.0009901	-0.0030491	-0.0028529
1068	475168.71, 3848880.61	9.91161	29.2352	27.3152	-0.001254	-0.0036987	-0.0034557	-0.0005861	-0.0017288	-0.0016153	-0.0011575	-0.0034142	-0.0031899
1069	475168.71, 3848905.61	11.8114	33.3337	31.4558	-0.0014943	-0.0042172	-0.0039796	-0.0006985	-0.0019712	-0.0018601	-0.0013794	-0.0038928	-0.0036735
1070	475193.71, 3848555.61	2.53821	9.58147	7.56367	-0.0003211	-0.0012122	-0.0009569	-0.0001501	-0.0005666	-0.0004473	-0.0002964	-0.0011189	-0.0008833
1071	475193.71, 3848580.61	2.69233	10.407	8.18379	-0.0003406	-0.0013166	-0.0010354	-0.0001592	-0.0006154	-0.0004839	-0.0003144	-0.0012154	-0.0009557
1072	475193.71, 3848605.61	2.89225	11.2909	8.97041	-0.0003659	-0.0014285	-0.0011349	-0.000171	-0.0006677	-0.0005305	-0.0003378	-0.0013186	-0.0010476
1073	475193.71, 3848630.61	3.06285	11.8965	9.46953	-0.0003875	-0.0015051	-0.001198	-0.0001811	-0.0007035	-0.00056	-0.0003577	-0.0013893	-0.0011059

1074	475193.71, 3848655.61	3.28172	12.5466	9.99499	-0.0004152	-0.0015873	-0.0012645	-0.0001941	-0.0007419	-0.000591	-0.0003832	-0.0014652	-0.0011672
1075	475193.71, 3848680.61	3.56758	13.337	10.9115	-0.0004513	-0.0016873	-0.0013805	-0.000211	-0.0007887	-0.0006452	-0.0004166	-0.0015575	-0.0012743
1076	475193.71, 3848705.61	3.92599	14.3331	12.0435	-0.0004967	-0.0018133	-0.0015237	-0.0002322	-0.0008476	-0.0007122	-0.0004585	-0.0016739	-0.0014065
1077	475193.71, 3848730.61	4.33726	15.4963	13.2394	-0.0005487	-0.0019605	-0.001675	-0.0002565	-0.0009164	-0.0007829	-0.0005065	-0.0018097	-0.0015461
1078	475193.71, 3848755.61	4.78636	16.8253	14.484	-0.0006055	-0.0021286	-0.0018324	-0.000283	-0.0009949	-0.0008565	-0.000559	-0.0019649	-0.0016915
1079	475193.71, 3848780.61	5.36871	18.4615	16.3557	-0.0006792	-0.0023356	-0.0020692	-0.0003175	-0.0010917	-0.0009672	-0.000627	-0.002156	-0.0019101
1080	475193.71, 3848805.61	5.99217	20.0073	18.1662	-0.0007581	-0.0025312	-0.0022983	-0.0003543	-0.0011831	-0.0010742	-0.0006998	-0.0023365	-0.0021215
1081	475193.71, 3848830.61	6.71912	22.0245	20.1295	-0.0008501	-0.0027864	-0.0025467	-0.0003973	-0.0013024	-0.0011903	-0.0007847	-0.0025721	-0.0023508
1082	475193.71, 3848855.61	7.59902	24.1858	22.2859	-0.0009614	-0.0030598	-0.0028195	-0.0004494	-0.0014302	-0.0013179	-0.0008874	-0.0028245	-0.0026026
1083	475193.71, 3848880.61	8.77996	26.8877	25.0465	-0.0011108	-0.0034017	-0.0031687	-0.0005192	-0.00159	-0.0014811	-0.0010253	-0.00314	-0.002925
1084	475193.71, 3848905.61	10.382	30.4283	28.2456	-0.0013135	-0.0038496	-0.0035735	-0.0006139	-0.0017993	-0.0016703	-0.0012124	-0.0035535	-0.0032986
1085	475218.71, 3848580.61	2.49836	9.54702	7.40139	-0.0003161	-0.0012078	-0.0009364	-0.0001477	-0.0005646	-0.0004377	-0.0002918	-0.0011149	-0.0008644
1086	475218.71, 3848605.61	2.67363	10.4001	7.99068	-0.0003383	-0.0013158	-0.0010109	-0.0001581	-0.000615	-0.0004725	-0.0003122	-0.0012146	-0.0009332
1087	475218.71, 3848630.61	2.89973	11.3207	8.95193	-0.0003669	-0.0014322	-0.0011325	-0.0001715	-0.0006694	-0.0005294	-0.0003386	-0.0013221	-0.0010454
1088	475218.71, 3848655.61	3.16214	12.236	9.70403	-0.0004001	-0.001548	-0.0012277	-0.000187	-0.0007236	-0.0005738	-0.0003693	-0.001429	-0.0011333
1089	475218.71, 3848680.61	3.45614	13.124	10.4222	-0.0004372	-0.0016604	-0.0013186	-0.0002044	-0.0007761	-0.0006163	-0.0004036	-0.0015327	-0.0012171
1090	475218.71, 3848705.61	3.77956	14.0455	11.4525	-0.0004782	-0.001777	-0.0014489	-0.0002235	-0.0008306	-0.0006772	-0.0004414	-0.0016403	-0.0013375
1091	475218.71, 3848730.61	4.1327	15.0094	12.5316	-0.0005228	-0.0018989	-0.0015854	-0.0002444	-0.0008876	-0.000741	-0.0004826	-0.0017528	-0.0014635
1092	475218.71, 3848755.61	4.56928	16.3213	13.9361	-0.0005781	-0.0020649	-0.0017631	-0.0002702	-0.0009651	-0.0008241	-0.0005336	-0.001906	-0.0016275
1093	475218.71, 3848780.61	5.02673	17.5626	15.315	-0.000636	-0.0022219	-0.0019376	-0.0002973	-0.0010385	-0.0009056	-0.000587	-0.002051	-0.0017885
1094	475218.71, 3848805.61	5.54876	18.8804	16.9208	-0.000702	-0.0023886	-0.0021407	-0.0003281	-0.0011165	-0.0010006	-0.000648	-0.0022049	-0.0019761
1095	475218.71, 3848830.61	6.17411	20.6841	18.6336	-0.0007811	-0.0026168	-0.0023574	-0.0003651	-0.0012231	-0.0011019	-0.000721	-0.0024155	-0.0021761
1096	475218.71, 3848855.61	6.90704	22.5957	20.55	-0.0008738	-0.0028587	-0.0025999	-0.0004084	-0.0013362	-0.0012152	-0.0008066	-0.0026388	-0.0023999
1097	475218.71, 3848880.61	7.8839	24.9492	22.8819	-0.0009974	-0.0031564	-0.0028949	-0.0004662	-0.0014753	-0.0013531	-0.0009207	-0.0029136	-0.0026722
1098	475218.71, 3848905.61	9.20065	27.9815	25.8602	-0.001164	-0.00354	-0.0032717	-0.0005441	-0.0016547	-0.0015292	-0.0010745	-0.0032678	-0.00302
1099	475218.71, 3848930.61	11.098	32.3887	29.907	-0.001404	-0.0040976	-0.0037837	-0.0006563	-0.0019153	-0.0017685	-0.0012961	-0.0037824	-0.0034926
1100	475243.71, 3848605.61	2.5466	9.85093	7.57535	-0.0003222	-0.0012463	-0.0009584	-0.0001506	-0.0005825	-0.000448	-0.0002974	-0.0011504	-0.0008847
1101	475243.71, 3848630.61	2.72364	10.6361	8.20321	-0.0003446	-0.0013456	-0.0010378	-0.0001611	-0.000629	-0.0004851	-0.0003181	-0.0012421	-0.000958
1102	475243.71, 3848655.61	3.00492	11.7213	9.28371	-0.0003802	-0.0014829	-0.0011745	-0.0001777	-0.0006931	-0.000549	-0.0003509	-0.0013688	-0.0010842
1103	475243.71, 3848680.61	3.29895	12.6779	10.0332	-0.0004174	-0.0016039	-0.0012693	-0.0001951	-0.0007497	-0.0005933	-0.0003853	-0.0014806	-0.0011717
1104	475243.71, 3848705.61	3.59967	13.5607	10.8492	-0.0004554	-0.0017156	-0.0013726	-0.0002129	-0.0008019	-0.0006416	-0.0004204	-0.0015837	-0.001267
1105	475243.71, 3848730.61	3.91822	14.4523	11.8767	-0.0004957	-0.0018284	-0.0015026	-0.0002317	-0.0008546	-0.0007023	-0.0004576	-0.0016878	-0.001387
1106	475243.71, 3848755.61	4.30023	15.5952	13.2184	-0.000544	-0.001973	-0.0016723	-0.0002543	-0.0009222	-0.0007817	-0.0005022	-0.0018213	-0.0015437
1107	475243.71, 3848780.61	4.72321	16.7719	14.4952	-0.0005976	-0.0021219	-0.0018338	-0.0002793	-0.0009918	-0.0008572	-0.0005516	-0.0019587	-0.0016928
1108	475243.71, 3848805.61	5.18452	17.9713	15.821	-0.0006559	-0.0022736	-0.0020016	-0.0003066	-0.0010627	-0.0009356	-0.0006055	-0.0020987	-0.0018476
1109	475243.71, 3848830.61	5.73326	19.5785	17.3883	-0.0007253	-0.0024769	-0.0021999	-0.000339	-0.0011578	-0.0010282	-0.0006695	-0.0022864	-0.0020307
1110	475243.71, 3848855.61	6.3577	21.2796	19.0496	-0.0008043	-0.0026922	-0.00241	-0.000376	-0.0012583	-0.0011265	-0.0007425	-0.0024851	-0.0022247
1111	475243.71, 3848880.61	7.16407	23.3166	21.1212	-0.0009064	-0.0029499	-0.0026721	-0.0004236	-0.0013788	-0.001249	-0.0008366	-0.002723	-0.0024666
1112	475243.71, 3848905.61	8.25056	25.9231	23.5524	-0.0010438	-0.0032796	-0.0029797	-0.0004879	-0.0015329	-0.0013927	-0.0009635	-0.0030274	-0.0027505
1113	475243.71, 3848930.61	9.78381	29.6207	26.8092	-0.0012378	-0.0037474	-0.0033917	-0.0005786	-0.0017516	-0.0015853	-0.0011426	-0.0034592	-0.0031309
1114	475243.71, 3848955.61	11.9768	34.8371	31.729	-0.0015152	-0.0044074	-0.0040142	-0.0007082	-0.0020601	-0.0018763	-0.0013987	-0.0040684	-0.0037054
1115	475268.71, 3848630.61	2.59708	10.1167	7.72346	-0.0003286	-0.0012799	-0.0009771	-0.0001536	-0.0005982	-0.0004567	-0.0003033	-0.0011815	-0.000902
1116	475268.71, 3848655.61	2.84569	11.1404	8.83085	-0.00036	-0.0014094	-0.0011172	-0.0001683	-0.0006588	-0.0005222	-0.0003323	-0.001301	-0.0010313
1117	475268.71, 3848680.61	3.1301	12.1514	9.60075	-0.000396	-0.0015373	-0.0012146	-0.0001851	-0.0007186	-0.0005677	-0.0003655	-0.0014191	-0.0011212
1118	475268.71, 3848705.61	3.41648	13.0193	10.369	-0.0004322	-0.0016471	-0.0013118	-0.000202	-0.0007699	-0.0006132	-0.000399	-0.0015204	-0.0012109
1119	475268.71, 3848730.61	3.70484	13.8418	11.3173	-0.0004687	-0.0017512	-0.0014318	-0.0002191	-0.0008185	-0.0006692	-0.0004327	-0.0016165	-0.0013217
1120	475268.71, 3848755.61	4.01568	14.6206	12.2711	-0.000508	-0.0018497	-0.0015525	-0.0002375	-0.0008646	-0.0007256	-0.000469	-0.0017074	-0.001433
1121	475268.71, 3848780.61	4.38048	15.7753	13.4856	-0.0005542	-0.0019958	-0.0017061	-0.000259	-0.0009329	-0.0007975	-0.0005116	-0.0018423	-0.0015749
1122	475268.71, 3848805.61	4.80196	16.8661	14.7934	-0.0006075	-0.0021338	-0.0018716	-0.000284	-0.0009974	-0.0008748	-0.0005608	-0.0019697	-0.0017276
1123	475268.71, 3848830.61	5.32143	18.4142	16.1755	-0.0006732	-0.0023296	-0.0020464	-0.0003147	-0.0010889	-0.0009565	-0.0006215	-0.0021505	-0.001889
1124	475268.71, 3848855.61	5.88176	20.0468	17.7149	-0.0007441	-0.0025362	-0.0022412	-0.0003478	-0.0011854	-0.0010476	-0.0006869	-0.0023411	-0.0020688
1125	475268.71, 3848880.61	6.56554	21.8812	19.4981	-0.0008306	-0.0027683	-0.0024668	-0.0003882	-0.0012939	-0.001153	-0.0007667	-0.0025553	-0.002277
1126	475268.71, 3848905.61	7.4582	24.1146	21.7686	-0.0009436	-0.0030508	-0.002754	-0.000441	-0.001426	-0.0012873	-0.000871	-0.0028162	-0.0025422
1127	475268.71, 3848930.61	8.72191	27.2533	24.3947	-0.0011034	-0.0034479	-0.0030863	-0.0005158	-0.0016116	-0.0014426	-0.0010186	-0.0031827	-0.0028489
1128	475268.71, 3848955.61	10.5224	31.6797	28.3295	-0.0013312	-0.0040079	-0.0035841	-0.0006222	-0.0018733	-0.0016752	-0.0012288	-0.0036996	-0.0033084
1129	475268.71, 3848980.61	13.3184	38.4915	34.583	-0.001685	-0.0048697	-0.0043752	-0.0007876	-0.0022762	-0.002045	-0.0015554	-0.0044951	-0.0040387
1130	475293.71, 3848630.61	2.60161	10.1288	7.96276	-0.0003291	-0.0012814	-0.0010074	-0.0001538	-0.000599	-0.0004709	-0.0003038	-0.0011829	-0.0009299
1131	475293.71, 3848655.61	2.70911	10.6086	8.29349	-0.0003427	-0.0013421	-0.0010492	-0.0001602	-0.0006273	-0.0004904	-0.0003164	-0.0012389	-0.0009685
1132	475293.71, 3848680.61	2.92655	11.4186	9.04658	-0.0003702	-0.0014446	-0.0011445	-0.0001731	-0.0006752	-0.000535	-0.0003418	-0.0013335	-0.0010565
1133	475293.71, 3848705.61	3.21754	12.3902	9.80142	-0.0004071	-0.0015675	-0.00124	-0.0001903	-0.0007327	-0.0005796	-0.0003758	-0.001447	-0.0011446
1134	475293.71, 3848730.61	3.50266	13.2326	10.7485	-0.0004431	-0.0016741	-0.0013598	-0.0002071	-0.0007825	-0.0006356	-0.000409	-0.0015453	-0.0012552
1135	475293.71, 3848755.61	3.78613	14.023	11.6407	-0.000479	-0.0017741	-0.0014727	-0.0002239	-0.0008292	-0.0006884	-0.0004422	-0.0016376	-0.0013594
1136	475293.71, 3848780.61	4.10286	14.8428	12.6253	-0.0005191	-0.0018778	-0.0015973	-0.0002426	-0.0008777	-0.0007466	-0.0004791	-0.0017334	-0.0014744
1137	475293.71, 3848805.61	4.49304	16.0084	13.9243	-0.0005684	-0.0020253	-0.0017616	-0.0002657	-0.0009466	-0.0008234	-0.0005247	-0.0018695	-0.0016261
1138	475293.71, 3848830.61	4.94196	17.3557	15.1651	-0.0006252	-0.0021957	-0.0019186	-0.0002922	-0.0010263	-0.0008968	-0.0005771	-0.0020268	-0.001771
1139	475293.71, 3848855.61	5.46822	18.8911	16.523	-0.0006918	-0.00239	-0.0020904	-0.0003234	-0.0011171	-0.0009771	-0.0006386	-0.0022061	-0.0019296
1140	475293.71, 3848880.61	6.0391	20.4706	18.0365	-0.000764	-0.0025898	-0.0022819	-0.0003571	-0.0012105	-0.0010666	-0.0007053	-0.0023906	-0.0021063
1141	475293.71, 3848905.61	6.78812	22.4787	19.9794	-0.0008588	-0.0028439	-0.0025277	-0.0004014	-0.0013293	-0.0011815	-0.0007927	-0.0026251	-0.0023332
1142	475293.71, 3848930.61	7.86175	25.2764	22.6897	-0.0009946	-0.0031978	-0.0028706	-0.0004649	-0.0014947	-0.0013417	-0.0009181	-0.0029518	-0.0026498
1143	475293.71, 3848955.61	9.35925	29.0466	25.5412	-0.0011841	-0.0036748	-0.0032313	-0.0005535	-0.0017176	-0.0015104	-0.001093	-0.0033921	-0.0029828
1144	475293.71, 3848980.61	11.6144	34.56	30.9107	-0.0014694	-0.0043723	-0.0039106	-0.0006868	-0.0020437	-0.0018279	-0.0013564	-0.004036	-0.0036098
1145	475318.71, 3848655.61	2.65151	10.3755	8.19999	-0.0003355	-0.0013126	-0.0010374	-0.0001568	-0.0006135	-0.0004849	-0.0003097	-0.0012117	-0.0009576
1146	475318.71, 3848680.61	2.76326	10.8137	8.54035	-0.0003496	-0.0013681	-0.0010805	-0.0001634	-0.0006395	-0.000505	-0.0003227	-0.0012628	-0.0009974
1147	475318.71, 3848705.61	2.99242	11.6115	9.21007	-0.0003786	-0.001469	-0.0011652	-0.000177	-0.0006866	-0.0005446	-0.0003495	-0.001356	-0.0010756
1148	475318.71, 3848730.61	3.30224	12.5915	10.0698	-0.0004178	-0.001593	-0.001274	-0.0001953	-0.0007446	-0.0005955	-0.0003856	-0.0014705	-0.001176
1149	475318.71, 3848755.61	3.61023	13.5115	11.229	-0.0004567	-0.0017094	-0.0014206	-0.0002135	-0.000799	-0.000664	-0.0004216	-0.0015779	-0.0013114
1150	475318.71, 3848780.61	3.92142	14.4234	12.2416	-0.0004961	-0.0018248	-0.0015487	-0.0002319	-0.0008529	-0.0007239	-0.000458	-0.0016844	-0.0014296

1151	475318.71, 3848805.61	4.25373	15.3497	13.2644	-0.0005382	-0.0019419	-0.0016781	-0.0002515	-0.0009077	-0.0007844	-0.0004968	-0.0017926	-0.001549
1152	475318.71, 3848830.61	4.6246	16.3711	14.3402	-0.0005851	-0.0020712	-0.0018142	-0.0002735	-0.0009681	-0.000848	-0.0005401	-0.0019119	-0.0016747
1153	475318.71, 3848855.61	5.07123	17.745	15.4261	-0.0006416	-0.002245	-0.0019516	-0.0002999	-0.0010493	-0.0009122	-0.0005922	-0.0020723	-0.0018015
1154	475318.71, 3848880.61	5.59696	19.1942	16.7603	-0.0007081	-0.0024283	-0.0021204	-0.000331	-0.001135	-0.0009911	-0.0006536	-0.0022415	-0.0019573
1155	475318.71, 3848905.61	6.28294	21.2025	18.594	-0.0007949	-0.0026824	-0.0023524	-0.0003715	-0.0012538	-0.0010995	-0.0007337	-0.0024761	-0.0021715
1156	475318.71, 3848930.61	7.19267	23.6925	20.9192	-0.00091	-0.0029974	-0.0026466	-0.0004253	-0.001401	-0.001237	-0.00084	-0.0027669	-0.002443
1157	475318.71, 3848955.61	8.43602	26.9079	23.9017	-0.0010673	-0.0034042	-0.0030239	-0.0004989	-0.0015912	-0.0014134	-0.0009852	-0.0031424	-0.0027913
1158	475318.71, 3848980.61	10.2687	31.5313	27.6023	-0.0012991	-0.0039891	-0.0034921	-0.0006072	-0.0018646	-0.0016322	-0.0011992	-0.0036823	-0.0032235
1159	475318.71, 3849005.61	13.2045	38.7899	33.6437	-0.0016705	-0.0049074	-0.0042564	-0.0007808	-0.0022938	-0.0019895	-0.0015421	-0.00453	-0.003929
1160	475343.71, 3848680.61	2.70235	10.5905	8.40714	-0.0003419	-0.0013398	-0.0010636	-0.0001598	-0.0006263	-0.0004971	-0.0003156	-0.0012368	-0.0009818
1161	475343.71, 3848705.61	2.81754	10.9881	8.72635	-0.0003565	-0.0013901	-0.001104	-0.0001666	-0.0006498	-0.000516	-0.000329	-0.0012832	-0.0010191
1162	475343.71, 3848730.61	3.10064	11.9486	9.48175	-0.0003923	-0.0015117	-0.0011996	-0.0001834	-0.0007066	-0.0005607	-0.0003621	-0.0013954	-0.0011073
1163	475343.71, 3848755.61	3.40122	12.8581	10.5692	-0.0004303	-0.0016267	-0.0013372	-0.0002011	-0.0007603	-0.000625	-0.0003972	-0.0015016	-0.0012343
1164	475343.71, 3848780.61	3.69961	13.6306	11.5969	-0.0004681	-0.0017245	-0.0014672	-0.0002188	-0.000806	-0.0006858	-0.0004321	-0.0015918	-0.0013543
1165	475343.71, 3848805.61	4.02168	14.784	12.5858	-0.0005088	-0.0018704	-0.0015923	-0.0002378	-0.0008742	-0.0007443	-0.0004697	-0.0017265	-0.0014698
1166	475343.71, 3848830.61	4.35654	15.6441	13.6038	-0.0005512	-0.0019792	-0.0017211	-0.0002576	-0.0009251	-0.0008044	-0.0005088	-0.001827	-0.0015887
1167	475343.71, 3848855.61	4.75999	16.834	14.6601	-0.0006022	-0.0021297	-0.0018547	-0.0002815	-0.0009955	-0.0008669	-0.0005559	-0.0019659	-0.001712
1168	475343.71, 3848880.61	5.28479	18.4077	15.9616	-0.0006686	-0.0023288	-0.0020194	-0.0003125	-0.0010885	-0.0009439	-0.0006172	-0.0021497	-0.001864
1169	475343.71, 3848905.61	5.87754	20.1593	17.4461	-0.0007436	-0.0025504	-0.0022072	-0.0003476	-0.0011921	-0.0010317	-0.0006864	-0.0023543	-0.0020374
1170	475343.71, 3848930.61	6.63899	22.3155	19.419	-0.0008399	-0.0028232	-0.0024568	-0.0003926	-0.0013196	-0.0011483	-0.0007753	-0.0026061	-0.0022678
1171	475343.71, 3848955.61	7.67458	25.0787	21.9751	-0.0009709	-0.0031728	-0.0027802	-0.0004538	-0.001483	-0.0012995	-0.0008963	-0.0029288	-0.0025663
1172	475343.71, 3848980.61	9.19377	29.0202	25.2687	-0.0011631	-0.0036714	-0.0031968	-0.0005437	-0.0017161	-0.0014942	-0.0010737	-0.0033891	-0.002951
1173	475343.71, 3849005.61	11.58	35.0973	30.5278	-0.001465	-0.0044403	-0.0038622	-0.0006848	-0.0020754	-0.0018052	-0.0013523	-0.0040988	-0.0035651
1174	475368.71, 3848705.61	2.75894	10.7975	8.56373	-0.000349	-0.001366	-0.0010834	-0.0001631	-0.0006385	-0.0005064	-0.0003222	-0.001261	-0.0010001
1175	475368.71, 3848730.61	2.92939	11.3691	9.02948	-0.0003706	-0.0014383	-0.0011424	-0.0001732	-0.0006723	-0.0005339	-0.0003421	-0.0013277	-0.0010545
1176	475368.71, 3848755.61	3.21115	12.2538	9.95417	-0.0004063	-0.0015503	-0.0012593	-0.0001899	-0.0007246	-0.0005886	-0.000375	-0.001431	-0.0011625
1177	475368.71, 3848780.61	3.51727	13.1513	11.0816	-0.000445	-0.0016638	-0.001402	-0.000208	-0.0007777	-0.0006553	-0.0004108	-0.0015358	-0.0012941
1178	475368.71, 3848805.61	3.82456	14.1468	12.009	-0.0004839	-0.0017898	-0.0015193	-0.0002262	-0.0008366	-0.0007101	-0.0004466	-0.0016521	-0.0014024
1179	475368.71, 3848830.61	4.14529	15.069	13.0238	-0.0005244	-0.0019064	-0.0016477	-0.0002451	-0.0008911	-0.0007701	-0.0004841	-0.0017598	-0.0015209
1180	475368.71, 3848855.61	4.52804	16.2016	14.0562	-0.0005729	-0.0020497	-0.0017783	-0.0002678	-0.0009581	-0.0008312	-0.0005288	-0.0018921	-0.0016415
1181	475368.71, 3848880.61	4.9929	17.5993	15.2394	-0.0006317	-0.0022266	-0.001928	-0.0002953	-0.0010407	-0.0009012	-0.0005831	-0.0020553	-0.0017797
1182	475368.71, 3848905.61	5.48734	19.0173	16.4155	-0.0006942	-0.0024059	-0.0020768	-0.0003245	-0.0011246	-0.0009707	-0.0006408	-0.0022209	-0.001917
1183	475368.71, 3848930.61	6.11623	20.8043	17.956	-0.0007738	-0.002632	-0.0022717	-0.0003617	-0.0012302	-0.0010618	-0.0007143	-0.0024296	-0.0020969
1184	475368.71, 3848955.61	6.98493	23.2546	20.1537	-0.0008837	-0.002942	-0.0025497	-0.000413	-0.0013751	-0.0011918	-0.0008157	-0.0027157	-0.0023536
1185	475368.71, 3848980.61	8.27327	26.7134	23.3044	-0.0010467	-0.0033796	-0.0029483	-0.0004892	-0.0015797	-0.0013781	-0.0009662	-0.0031197	-0.0027216
1186	475368.71, 3849005.61	10.2655	31.9929	27.3774	-0.0012987	-0.0040475	-0.0034636	-0.000607	-0.0018919	-0.0016189	-0.0011988	-0.0037362	-0.0031972
1187	475368.71, 3849030.61	13.4287	40.169	34.5916	-0.0016989	-0.0050819	-0.0043763	-0.0007941	-0.0023754	-0.0020455	-0.0015682	-0.004691	-0.0040397
1188	475393.71, 3848730.61	2.90595	11.2981	9.1043	-0.0003676	-0.0014294	-0.0011518	-0.0001718	-0.0006681	-0.0005384	-0.0003394	-0.0013194	-0.0010632
1189	475393.71, 3848755.61	3.08933	11.8607	9.67734	-0.0003908	-0.0015005	-0.0012243	-0.0001827	-0.0007014	-0.0005723	-0.0003608	-0.0013851	-0.0011301
1190	475393.71, 3848780.61	3.35911	12.6791	10.653	-0.000425	-0.0016041	-0.0013477	-0.0001986	-0.0007498	-0.00063	-0.0003923	-0.0014807	-0.0012441
1191	475393.71, 3848805.61	3.63414	13.4361	11.3557	-0.0004598	-0.0016999	-0.0014366	-0.0002149	-0.0007945	-0.0006715	-0.0004244	-0.0015691	-0.0013261
1192	475393.71, 3848830.61	3.91813	14.4651	12.3481	-0.0004957	-0.00183	-0.0015622	-0.0002317	-0.0008554	-0.0007302	-0.0004576	-0.0016893	-0.001442
1193	475393.71, 3848855.61	4.22122	15.2219	13.1884	-0.000534	-0.0019258	-0.0016685	-0.0002496	-0.0009001	-0.0007799	-0.000493	-0.0017777	-0.0015402
1194	475393.71, 3848880.61	4.59674	16.3029	14.1455	-0.0005816	-0.0020625	-0.0017896	-0.0002718	-0.0009641	-0.0008365	-0.0005368	-0.0019039	-0.0016519
1195	475393.71, 3848905.61	5.06676	17.6974	15.2903	-0.000641	-0.002239	-0.0019344	-0.0002996	-0.0010465	-0.0009042	-0.0005917	-0.0020667	-0.0017856
1196	475393.71, 3848930.61	5.50413	18.7578	16.2587	-0.0006963	-0.0023731	-0.0020569	-0.0003255	-0.0011092	-0.0009614	-0.0006428	-0.0021906	-0.0018987
1197	475393.71, 3848955.61	6.37258	21.4048	18.4739	-0.0008062	-0.002708	-0.0023372	-0.0003768	-0.0012658	-0.0010924	-0.0007442	-0.0024997	-0.0021574
1198	475393.71, 3848980.61	7.5222	24.7915	21.3432	-0.0009517	-0.0031365	-0.0027002	-0.0004448	-0.001466	-0.0012621	-0.0008785	-0.0028952	-0.0024925
1199	475393.71, 3849005.61	9.20145	29.3282	25.3494	-0.0011641	-0.0037104	-0.0032071	-0.0005441	-0.0017343	-0.001499	-0.0010746	-0.003425	-0.0029604
1200	475393.71, 3849030.61	11.7589	36.0127	30.7697	-0.0014877	-0.0045561	-0.0038928	-0.0006954	-0.0021296	-0.0018195	-0.0013732	-0.0042057	-0.0035934
1201	475418.71, 3848755.61	3.03885	11.6698	9.7502	-0.0003845	-0.0014764	-0.0012335	-0.0001797	-0.0006901	-0.0005766	-0.0003549	-0.0013628	-0.0011387
1202	475418.71, 3848780.61	3.2221	12.2357	10.3017	-0.0004076	-0.001548	-0.0013033	-0.0001905	-0.0007235	-0.0006092	-0.0003763	-0.0014289	-0.0012031
1203	475418.71, 3848805.61	3.44071	12.825	10.9097	-0.0004353	-0.0016225	-0.0013802	-0.0002035	-0.0007584	-0.0006451	-0.0004018	-0.0014977	-0.0012741
1204	475418.71, 3848830.61	3.68879	13.5752	11.4572	-0.0004667	-0.0017174	-0.0014495	-0.0002181	-0.0008028	-0.0006775	-0.0004308	-0.0015853	-0.001338
1205	475418.71, 3848855.61	3.96421	14.3689	12.3234	-0.0005015	-0.0018179	-0.0015591	-0.0002344	-0.0008497	-0.0007287	-0.000463	-0.001678	-0.0014392
1206	475418.71, 3848880.61	4.29294	15.2868	13.2957	-0.0005431	-0.001934	-0.0016821	-0.0002539	-0.000904	-0.0007862	-0.0005013	-0.0017852	-0.0015527
1207	475418.71, 3848905.61	4.63866	16.1399	14.1744	-0.0005869	-0.0020419	-0.0017933	-0.0002743	-0.0009544	-0.0008382	-0.0005417	-0.0018849	-0.0016553
1208	475418.71, 3848930.61	5.03432	17.1402	14.9623	-0.0006369	-0.0021685	-0.0018929	-0.0002977	-0.0010136	-0.0008848	-0.0005879	-0.0020017	-0.0017473
1209	475418.71, 3848955.61	5.73035	19.3376	16.6289	-0.000725	-0.0024465	-0.0021038	-0.0003389	-0.0011435	-0.0009833	-0.0006692	-0.0022583	-0.001942
1210	475418.71, 3848980.61	6.94594	23.2199	19.7993	-0.0008788	-0.0029376	-0.0025049	-0.0004107	-0.0013731	-0.0011708	-0.0008112	-0.0027117	-0.0023122
1211	475418.71, 3849005.61	8.34962	27.1597	23.3258	-0.0010563	-0.0034361	-0.002951	-0.0004937	-0.0016061	-0.0013793	-0.0009751	-0.0031718	-0.002724
1212	475418.71, 3849030.61	10.408	32.5596	27.8684	-0.0013168	-0.0041192	-0.0035257	-0.0006155	-0.0019254	-0.001648	-0.0012155	-0.0038024	-0.0032545
1213	475418.71, 3849055.61	14.0336	42.0684	36.0569	-0.0017754	-0.0053222	-0.0045617	-0.0008299	-0.0024877	-0.0021322	-0.0016389	-0.0049129	-0.0042108
1214	475443.71, 3848780.61	3.16585	11.9546	10.2079	-0.0004005	-0.0015124	-0.0012914	-0.0001872	-0.0007069	-0.0006036	-0.0003697	-0.0013961	-0.0011921
1215	475443.71, 3848805.61	3.31079	12.417	10.5345	-0.0004189	-0.0015709	-0.0013328	-0.0001958	-0.0007343	-0.0006229	-0.0003866	-0.0014501	-0.0012302
1216	475443.71, 3848830.61	3.49138	12.95	11.0093	-0.0004417	-0.0016384	-0.0013928	-0.0002065	-0.0007658	-0.000651	-0.0004077	-0.0015123	-0.0012857
1217	475443.71, 3848855.61	3.7256	13.6531	11.5528	-0.0004713	-0.0017273	-0.0014616	-0.0002203	-0.0008074	-0.0006832	-0.0004351	-0.0015944	-0.0013492
1218	475443.71, 3848880.61	4.02883	14.4996	12.4667	-0.0005097	-0.0018344	-0.0015772	-0.0002382	-0.0008574	-0.0007372	-0.0004705	-0.0016933	-0.0014559
1219	475443.71, 3848905.61	4.33241	15.2369	13.2599	-0.0005481	-0.0019277	-0.0016776	-0.0002562	-0.000901	-0.0007841	-0.000506	-0.0017794	-0.0015485
1220	475443.71, 3848930.61	4.77029	16.3582	14.3228	-0.0006035	-0.0020695	-0.001812	-0.0002821	-0.0009673	-0.000847	-0.0005571	-0.0019104	-0.0016727
1221	475443.71, 3848955.61	5.4131	18.456	15.8124	-0.0006848	-0.0023349	-0.0020005	-0.0003201	-0.0010914	-0.000935	-0.0006322	-0.0021553	-0.0018466
1222	475443.71, 3848980.61	6.44859	21.7476	18.6609	-0.0008158	-0.0027514	-0.0023609	-0.0003813	-0.001286	-0.0011035	-0.0007531	-0.0025397	-0.0021793
1223	475443.71, 3849005.61	7.60369	25.0898	21.6274	-0.000962	-0.0031742	-0.0027362	-0.0004496	-0.0014837	-0.0012789	-0.000888	-0.0029301	-0.0025257
1224	475443.71, 3849030.61	9.28808	29.6068	25.3955	-0.0011751	-0.0037457	-0.0032129	-0.0005492	-0.0017508	-0.0015017	-0.0010847	-0.0034576	-0.0029658
1225	475443.71, 3849055.61	12.1599	37.2026	31.5826	-0.0015384	-0.0047066	-0.0039956	-0.0007191	-0.0021999	-0.0018676	-0.0014201	-0.0043446	-0.0036883
1226	475468.71, 3848780.61	3.12362	11.9898	10.282	-0.0003952	-0.0015169	-0.0013008	-0.0001847	-0.000709	-0.000608	-0.0003648	-0.0014002	-0.0012008
1227	475468.71, 3848805.61	3.23043	12.0937	10.3569	-0.0004087	-0.00153	-0.0013103	-0.000191	-0.0007151	-0.0006124	-0.0003773	-0.0014123	-0.0012095

1228	475468.71, 3848830.61	3.35207	12.5468	10.6376	-0.0004241	-0.0015873	-0.0013458	-0.0001982	-0.0007419	-0.000629	-0.0003915	-0.0014653	-0.0012423
1229	475468.71, 3848855.61	3.52319	13.0417	10.9251	-0.0004457	-0.0016499	-0.0013822	-0.0002083	-0.0007712	-0.000646	-0.0004114	-0.001523	-0.0012759
1230	475468.71, 3848880.61	3.771	13.6606	11.6025	-0.0004771	-0.0017283	-0.0014679	-0.000223	-0.0008078	-0.0006861	-0.0004404	-0.0015953	-0.001355
1231	475468.71, 3848905.61	4.08571	14.5235	12.5044	-0.0005169	-0.0018374	-0.001582	-0.0002416	-0.0008588	-0.0007394	-0.0004771	-0.0016961	-0.0014603
1232	475468.71, 3848930.61	4.50414	15.5869	13.5966	-0.0005698	-0.001972	-0.0017202	-0.0002663	-0.0009217	-0.000804	-0.000526	-0.0018203	-0.0015878
1233	475468.71, 3848955.61	5.06043	17.262	14.9058	-0.0006402	-0.0021839	-0.0018858	-0.0002992	-0.0010208	-0.0008814	-0.000591	-0.0020159	-0.0017407
1234	475468.71, 3848980.61	5.83788	19.6422	16.8162	-0.0007386	-0.002485	-0.0021275	-0.0003452	-0.0011615	-0.0009944	-0.0006818	-0.0022939	-0.0019638
1235	475468.71, 3849005.61	6.87851	22.7311	19.5906	-0.0008702	-0.0028758	-0.0024785	-0.0004068	-0.0013442	-0.0011585	-0.0008033	-0.0026546	-0.0022878
1236	475468.71, 3849030.61	8.20427	26.2789	22.62	-0.001038	-0.0033246	-0.0028617	-0.0004852	-0.001554	-0.0013376	-0.0009581	-0.0030689	-0.0026416
1237	475468.71, 3849055.61	10.6914	33.2377	28.2853	-0.0013526	-0.004205	-0.0035785	-0.0006322	-0.0019655	-0.0016726	-0.0012486	-0.0038816	-0.0033032
1238	475493.71, 3848805.61	3.16445	12.04	10.3006	-0.0004003	-0.0015232	-0.0013032	-0.0001871	-0.000712	-0.0006091	-0.0003696	-0.0014061	-0.0012029
1239	475493.71, 3848830.61	3.27533	12.2519	10.3817	-0.0004144	-0.00155	-0.0013134	-0.0001937	-0.0007245	-0.0006139	-0.0003825	-0.0014308	-0.0012124
1240	475493.71, 3848855.61	3.41271	12.7022	10.7285	-0.0004318	-0.001607	-0.0013573	-0.0002018	-0.0007511	-0.0006344	-0.0003985	-0.0014834	-0.0012529
1241	475493.71, 3848880.61	3.57539	13.105	10.9408	-0.0004523	-0.001658	-0.0013842	-0.0002114	-0.000775	-0.000647	-0.0004175	-0.0015304	-0.0012777
1242	475493.71, 3848905.61	3.83697	13.7492	11.7192	-0.0004854	-0.0017395	-0.0014826	-0.0002269	-0.000813	-0.000693	-0.0004481	-0.0016057	-0.0013686
1243	475493.71, 3848930.61	4.22454	14.7606	12.7734	-0.0005345	-0.0018674	-0.001616	-0.0002498	-0.0008729	-0.0007553	-0.0004934	-0.0017238	-0.0014917
1244	475493.71, 3848955.61	4.73786	16.1756	14.1166	-0.0005994	-0.0020464	-0.0017859	-0.0002802	-0.0009565	-0.0008348	-0.0005533	-0.001889	-0.0016486
1245	475493.71, 3848980.61	5.37472	18.1165	15.5223	-0.00068	-0.002292	-0.0019638	-0.0003178	-0.0010713	-0.0009179	-0.0006277	-0.0021157	-0.0018127
1246	475493.71, 3849005.61	6.16864	20.344	17.372	-0.0007804	-0.0025738	-0.0021978	-0.0003648	-0.001203	-0.0010273	-0.0007204	-0.0023758	-0.0020287
1247	475493.71, 3849030.61	7.31685	23.4597	20.1565	-0.0009257	-0.002968	-0.0025501	-0.0004327	-0.0013873	-0.0011919	-0.0008545	-0.0027397	-0.0023539
1248	475493.71, 3849055.61	9.79049	31.0356	26.383	-0.0012386	-0.0039264	-0.0033378	-0.000579	-0.0018353	-0.0015601	-0.0011434	-0.0036244	-0.0030811
1249	475518.71, 3848830.61	3.19994	12.0412	10.2661	-0.0004048	-0.0015234	-0.0012988	-0.0001892	-0.000712	-0.0006071	-0.0003737	-0.0014062	-0.0011989
1250	475518.71, 3848855.61	3.35472	12.5422	10.5436	-0.0004244	-0.0015868	-0.0013339	-0.0001984	-0.0007417	-0.0006235	-0.0003918	-0.0014647	-0.0012313
1251	475518.71, 3848880.61	3.5422	13.073	11.0163	-0.0004481	-0.0016539	-0.0013937	-0.0002095	-0.0007731	-0.0006514	-0.0004137	-0.0015267	-0.0012865
1252	475518.71, 3848905.61	3.65995	13.2449	11.1566	-0.000463	-0.0016757	-0.0014115	-0.0002164	-0.0007832	-0.0006597	-0.0004274	-0.0015468	-0.0013029
1253	475518.71, 3848930.61	3.9829	14.0622	12.0267	-0.0005039	-0.0017791	-0.0015215	-0.0002355	-0.0008316	-0.0007112	-0.0004651	-0.0016422	-0.0014045
1254	475518.71, 3848955.61	4.45109	15.2415	13.2463	-0.0005631	-0.0019283	-0.0016758	-0.0002632	-0.0009013	-0.0007833	-0.0005198	-0.0017799	-0.0015469
1255	475518.71, 3848980.61	5.02712	16.9379	14.7158	-0.000636	-0.0021429	-0.0018618	-0.0002973	-0.0010016	-0.0008702	-0.0005871	-0.001978	-0.0017186
1256	475518.71, 3849005.61	5.74331	19.0159	16.2853	-0.0007266	-0.0024058	-0.0020603	-0.0003396	-0.0011245	-0.000963	-0.0006707	-0.0022207	-0.0019018
1257	475518.71, 3849030.61	7.00616	22.7814	19.8509	-0.0008864	-0.0028822	-0.0025114	-0.0004143	-0.0013472	-0.0011739	-0.0008182	-0.0026605	-0.0023182
1258	475518.71, 3849055.61	9.09119	29.2053	25.0753	-0.0011502	-0.0036949	-0.0031724	-0.0005376	-0.001727	-0.0014828	-0.0010617	-0.0034107	-0.0029284
1259	475518.71, 3849080.61	12.1232	37.4695	31.7936	-0.0015338	-0.0047404	-0.0040223	-0.0007169	-0.0022157	-0.0018801	-0.0014158	-0.0043758	-0.0037129
1260	475543.71, 3848855.61	3.3112	12.5097	10.665	-0.0004189	-0.0015826	-0.0013493	-0.0001958	-0.0007397	-0.0006307	-0.0003867	-0.0014609	-0.0012455
1261	475543.71, 3848880.61	3.44932	12.8225	10.8407	-0.0004364	-0.0016222	-0.0013715	-0.000204	-0.0007582	-0.0006411	-0.0004028	-0.0014974	-0.001266
1262	475543.71, 3848905.61	3.56671	13.0435	10.9012	-0.0004512	-0.0016502	-0.0013792	-0.0002109	-0.0007713	-0.0006446	-0.0004165	-0.0015233	-0.0012731
1263	475543.71, 3848930.61	3.8504	13.7555	11.6819	-0.0004871	-0.0017403	-0.0014779	-0.0002277	-0.0008134	-0.0006908	-0.0004497	-0.0016064	-0.0013642
1264	475543.71, 3848955.61	4.23839	14.7131	12.6487	-0.0005362	-0.0018614	-0.0016002	-0.0002506	-0.00087	-0.000748	-0.000495	-0.0017182	-0.0014771
1265	475543.71, 3848980.61	4.75306	15.9634	14.0021	-0.0006013	-0.0020196	-0.0017715	-0.0002811	-0.000944	-0.000828	-0.0005551	-0.0018643	-0.0016352
1266	475543.71, 3849005.61	5.46533	18.2233	15.6568	-0.0006914	-0.0023055	-0.0019808	-0.0003232	-0.0010776	-0.0009258	-0.0006383	-0.0021282	-0.0018284
1267	475543.71, 3849030.61	6.5006	21.3384	18.4688	-0.0008224	-0.0026996	-0.0023366	-0.0003844	-0.0012618	-0.0010921	-0.0007592	-0.002492	-0.0021568
1268	475543.71, 3849055.61	8.45287	27.3886	23.8149	-0.0010694	-0.003465	-0.0030129	-0.0004999	-0.0016196	-0.0014083	-0.0009871	-0.0031985	-0.0027812
1269	475543.71, 3849080.61	11.1169	34.869	29.7796	-0.0014064	-0.0044114	-0.0037675	-0.0006574	-0.0020619	-0.001761	-0.0012983	-0.0040721	-0.0034777
1270	475568.71, 3848880.61	3.37361	12.5847	10.7599	-0.0004268	-0.0015921	-0.0013613	-0.0001995	-0.0007442	-0.0006363	-0.000394	-0.0014697	-0.0012566
1271	475568.71, 3848905.61	3.56435	13.1349	11.1761	-0.0004509	-0.0016617	-0.0014139	-0.0002108	-0.0007767	-0.0006609	-0.0004163	-0.0015339	-0.0013052
1272	475568.71, 3848930.61	3.85896	13.9563	11.8898	-0.0004882	-0.0017657	-0.0015042	-0.0002282	-0.0008253	-0.0007031	-0.0004507	-0.0016299	-0.0013885
1273	475568.71, 3848955.61	4.18762	14.7506	12.6554	-0.0005298	-0.0018661	-0.0016011	-0.0002476	-0.0008723	-0.0007484	-0.000489	-0.0017226	-0.0014779
1274	475568.71, 3848980.61	4.59657	15.6238	13.6314	-0.0005815	-0.0019766	-0.0017246	-0.0002718	-0.0009239	-0.0008061	-0.0005368	-0.0018246	-0.0015919
1275	475568.71, 3849005.61	5.21197	17.4137	15.0862	-0.0006594	-0.0022031	-0.0019086	-0.0003082	-0.0010297	-0.0008921	-0.0006087	-0.0020336	-0.0017618
1276	475568.71, 3849030.61	6.08931	20.0551	17.4249	-0.0007704	-0.0025372	-0.0022045	-0.0003601	-0.0011859	-0.0010304	-0.0007111	-0.0023421	-0.0020349
1277	475568.71, 3849055.61	7.96135	26.0942	22.9135	-0.0010072	-0.0033013	-0.0028989	-0.0004708	-0.0015431	-0.001355	-0.0009297	-0.0030473	-0.0026759
1278	475568.71, 3849080.61	10.3842	33.079	28.2297	-0.0013137	-0.0041849	-0.0035714	-0.0006141	-0.0019561	-0.0016693	-0.0012127	-0.0038631	-0.0032967
1279	475593.71, 3848905.61	3.5284	13.0971	11.3006	-0.0004464	-0.001657	-0.0014297	-0.0002086	-0.0007745	-0.0006683	-0.0004121	-0.0015295	-0.0013197
1280	475593.71, 3848930.61	3.78626	13.7625	11.8821	-0.000479	-0.0017411	-0.0015032	-0.0002239	-0.0008138	-0.0007026	-0.0004422	-0.0016072	-0.0013876
1281	475593.71, 3848955.61	4.09837	14.5594	12.5665	-0.0005185	-0.001842	-0.0015898	-0.0002424	-0.000861	-0.0007431	-0.0004786	-0.0017003	-0.0014676
1282	475593.71, 3848980.61	4.51542	15.5543	13.5619	-0.0005713	-0.0019678	-0.0017158	-0.000267	-0.0009198	-0.000802	-0.0005273	-0.0018165	-0.0015838
1283	475593.71, 3849005.61	5.12479	17.3189	15.1966	-0.0006484	-0.0021911	-0.0019226	-0.000303	-0.0010241	-0.0008986	-0.0005985	-0.0020225	-0.0017747
1284	475593.71, 3849030.61	6.14163	20.5788	18.2281	-0.000777	-0.0026035	-0.0023061	-0.0003632	-0.0012169	-0.0010779	-0.0007172	-0.0024032	-0.0021287
1285	475593.71, 3849055.61	7.5542	25.0581	22.0773	-0.0009557	-0.0031702	-0.0027931	-0.0004467	-0.0014818	-0.0013055	-0.0008822	-0.0029264	-0.0025783
1286	475593.71, 3849080.61	9.76696	31.5611	26.8319	-0.0012357	-0.0039929	-0.0033946	-0.0005776	-0.0018663	-0.0015867	-0.0011406	-0.0036858	-0.0031335
1287	475618.71, 3848905.61	3.56062	13.7015	11.6476	-0.0004505	-0.0017334	-0.0014736	-0.0002106	-0.0008102	-0.0006888	-0.0004158	-0.0016001	-0.0013602
1288	475618.71, 3848930.61	3.76189	13.9709	11.9285	-0.0004759	-0.0017675	-0.0015091	-0.0002225	-0.0008262	-0.0007054	-0.0004393	-0.0016316	-0.001393
1289	475618.71, 3848955.61	3.99531	14.3359	12.4008	-0.0005055	-0.0018137	-0.0015689	-0.0002363	-0.0008477	-0.0007333	-0.0004666	-0.0016742	-0.0014482
1290	475618.71, 3848980.61	4.36167	15.2039	13.2139	-0.0005518	-0.0019235	-0.0016717	-0.0002579	-0.0008991	-0.0007814	-0.0005094	-0.0017756	-0.0015432
1291	475618.71, 3849005.61	4.89304	16.5542	14.5542	-0.000619	-0.0020943	-0.0018413	-0.0002893	-0.0009789	-0.0008607	-0.0005714	-0.0019332	-0.0016997
1292	475618.71, 3849030.61	5.74252	19.1991	16.873	-0.0007265	-0.0024289	-0.0021347	-0.0003396	-0.0011353	-0.0009978	-0.0006706	-0.0022421	-0.0019705
1293	475618.71, 3849055.61	6.92329	22.8198	20.2222	-0.0008759	-0.002887	-0.0025584	-0.0004094	-0.0013494	-0.0011958	-0.0008085	-0.002665	-0.0023616
1294	475618.71, 3849080.61	8.85064	28.5188	24.5559	-0.0011197	-0.003608	-0.0031067	-0.0005234	-0.0016864	-0.0014521	-0.0010336	-0.0033305	-0.0028677
1295	475618.71, 3849105.61	12.2622	38.1842	32.5946	-0.0015513	-0.0048308	-0.0041237	-0.0007251	-0.002258	-0.0019275	-0.001432	-0.0044593	-0.0038065
1296	475643.71, 3848905.61	3.50515	13.8337	11.6109	-0.0004434	-0.0017501	-0.0014689	-0.0002073	-0.000818	-0.0006866	-0.0004093	-0.0016155	-0.001356
1297	475643.71, 3848930.61	3.7104	14.0634	11.9908	-0.0004694	-0.0017792	-0.001517	-0.0002194	-0.0008316	-0.0007091	-0.0004333	-0.0016424	-0.0014003
1298	475643.71, 3848955.61	3.89246	14.1014	12.2147	-0.0004924	-0.001784	-0.0015453	-0.0002302	-0.0008339	-0.0007223	-0.0004546	-0.0016468	-0.0014265
1299	475643.71, 3848980.61	4.23725	14.9536	12.9649	-0.0005361	-0.0018918	-0.0016402	-0.0002506	-0.0008843	-0.0007667	-0.0004948	-0.0017463	-0.0015141
1300	475643.71, 3849005.61	4.78871	16.3931	14.3915	-0.0006058	-0.0020739	-0.0018207	-0.0002832	-0.0009694	-0.000851	-0.0005592	-0.0019144	-0.0016807
1301	475643.71, 3849030.61	5.60651	18.9346	16.8258	-0.0007093	-0.0023955	-0.0021287	-0.0003315	-0.0011197	-0.000995	-0.0006547	-0.0022112	-0.001965
1302	475643.71, 3849055.61	6.66245	22.129	19.6678	-0.0008429	-0.0027996	-0.0024883	-0.000394	-0.0013086	-0.001163	-0.0007781	-0.0025843	-0.0022969
1303	475643.71, 3849080.61	8.34506	27.068	23.4479	-0.0010558	-0.0034245	-0.0029665	-0.0004935	-0.0016006	-0.0013866	-0.0009746	-0.0031611	-0.0027383
1304	475643.71, 3849105.61	11.4939	36.1627	30.8531	-0.0014541	-0.0045751	-0.0039033	-0.0006797	-0.0021384	-0.0018245	-0.0013423	-0.0042232	-0.0036031

1305	475668.71, 3848905.61	3.38651	13.3579	11.2414	-0.0004284	-0.00169	-0.0014222	-0.0002003	-0.0007899	-0.0006647	-0.0003955	-0.00156	-0.0013128
1306	475668.71, 3848930.61	3.61442	13.8656	11.7668	-0.0004573	-0.0017542	-0.0014887	-0.0002137	-0.0008199	-0.0006958	-0.0004221	-0.0016193	-0.0013742
1307	475668.71, 3848955.61	3.89118	14.4849	12.4141	-0.0004923	-0.0018325	-0.0015706	-0.0002301	-0.0008566	-0.0007341	-0.0004544	-0.0016916	-0.0014497
1308	475668.71, 3848980.61	4.23125	15.1963	13.1657	-0.0005353	-0.0019225	-0.0016656	-0.0002502	-0.0008986	-0.0007785	-0.0004941	-0.0017747	-0.0015375
1309	475668.71, 3849005.61	4.72472	16.4643	14.4982	-0.0005977	-0.002083	-0.0018342	-0.0002794	-0.0009736	-0.0008573	-0.0005518	-0.0019227	-0.0016931
1310	475668.71, 3849030.61	5.46628	18.6345	16.5449	-0.0006916	-0.0023575	-0.0020932	-0.0003232	-0.0011019	-0.0009784	-0.0006384	-0.0021762	-0.0019322
1311	475668.71, 3849055.61	6.53686	22.0071	19.558	-0.000827	-0.0027842	-0.0024744	-0.0003866	-0.0013014	-0.0011565	-0.0007634	-0.00257	-0.002284
1312	475668.71, 3849080.61	8.16562	26.9392	23.715	-0.0010331	-0.0034082	-0.0030003	-0.0004829	-0.001593	-0.0014024	-0.0009536	-0.003146	-0.0027695
1313	475668.71, 3849105.61	11.0055	35.2055	30.1424	-0.0013923	-0.004454	-0.0038134	-0.0006508	-0.0020818	-0.0017824	-0.0012853	-0.0041114	-0.0035201
1314	475693.71, 3848905.61	3.3266	13.4258	11.161	-0.0004209	-0.0016985	-0.001412	-0.0001967	-0.0007939	-0.00066	-0.0003885	-0.0015679	-0.0013034
1315	475693.71, 3848930.61	3.57552	14.1555	11.8017	-0.0004524	-0.0017909	-0.0014931	-0.0002114	-0.0008371	-0.0006979	-0.0004176	-0.0016531	-0.0013782
1316	475693.71, 3848955.61	3.86674	14.9035	12.5295	-0.0004892	-0.0018855	-0.0015852	-0.0002287	-0.0008813	-0.0007409	-0.0004516	-0.0017405	-0.0014632
1317	475693.71, 3848980.61	4.21518	15.6659	13.3693	-0.0005333	-0.0019819	-0.0016914	-0.0002493	-0.0009264	-0.0007906	-0.0004923	-0.0018295	-0.0015613
1318	475693.71, 3849005.61	4.67204	16.7188	14.5223	-0.0005911	-0.0021152	-0.0018373	-0.0002763	-0.0009886	-0.0008588	-0.0005456	-0.0019525	-0.0016959
1319	475693.71, 3849030.61	5.26156	18.123	16.0311	-0.0006657	-0.0022928	-0.0020282	-0.0003111	-0.0010717	-0.000948	-0.0006145	-0.0021164	-0.0018722
1320	475693.71, 3849055.61	6.23784	21.0351	18.7964	-0.0007892	-0.0026612	-0.002378	-0.0003689	-0.0012439	-0.0011115	-0.0007285	-0.0024565	-0.0021951
1321	475693.71, 3849080.61	7.71378	25.5069	22.4737	-0.0009759	-0.003227	-0.0028432	-0.0004561	-0.0015083	-0.001329	-0.0009008	-0.0029788	-0.0026245
1322	475693.71, 3849105.61	10.313	33.3256	28.77	-0.0013047	-0.0042161	-0.0036398	-0.0006098	-0.0019707	-0.0017013	-0.0012044	-0.0038919	-0.0033598
1323	475693.71, 3849130.61	14.7937	45.1401	38.8893	-0.0018716	-0.0057108	-0.00492	-0.0008748	-0.0026693	-0.0022997	-0.0017277	-0.0052716	-0.0045416
1324	475718.71, 3848930.61	3.50787	14.1497	11.6033	-0.0004438	-0.0017901	-0.001468	-0.0002074	-0.0008367	-0.0006861	-0.0004097	-0.0016524	-0.0013551
1325	475718.71, 3848955.61	3.81364	15.0792	12.4543	-0.0004825	-0.0019077	-0.0015756	-0.0002255	-0.0008917	-0.0007365	-0.0004454	-0.001761	-0.0014544
1326	475718.71, 3848980.61	4.17537	16.0143	13.3825	-0.0005282	-0.002026	-0.0016931	-0.0002469	-0.000947	-0.0007914	-0.0004876	-0.0018702	-0.0015628
1327	475718.71, 3849005.61	4.63828	17.2099	14.5892	-0.0005868	-0.0021773	-0.0018457	-0.0002743	-0.0010177	-0.0008627	-0.0005417	-0.0020098	-0.0017038
1328	475718.71, 3849030.61	5.1686	18.106	15.8951	-0.0006539	-0.0022907	-0.002011	-0.0003056	-0.0010707	-0.0009399	-0.0006036	-0.0021145	-0.0018563
1329	475718.71, 3849055.61	5.92829	20.1426	17.867	-0.00075	-0.0025483	-0.0022604	-0.0003506	-0.0011911	-0.0010565	-0.0006923	-0.0023523	-0.0020866
1330	475718.71, 3849080.61	7.31207	24.2553	21.6425	-0.0009251	-0.0030686	-0.0027381	-0.0004324	-0.0014343	-0.0012798	-0.0008539	-0.0028326	-0.0025275
1331	475718.71, 3849105.61	9.72576	31.6738	27.2313	-0.0012304	-0.0040072	-0.0034451	-0.0005751	-0.001873	-0.0016103	-0.0011358	-0.0036989	-0.0031801
1332	475718.71, 3849130.61	13.8261	42.7671	37.2424	-0.0017492	-0.0054106	-0.0047117	-0.0008176	-0.002529	-0.0022023	-0.0016147	-0.0049945	-0.0043493
1333	475743.71, 3848930.61	3.38396	13.7649	11.2312	-0.0004281	-0.0017415	-0.0014209	-0.0002001	-0.000814	-0.0006641	-0.0003952	-0.0016075	-0.0013116
1334	475743.71, 3848955.61	3.67997	14.6844	11.9576	-0.0004656	-0.0018578	-0.0015128	-0.0002176	-0.0008683	-0.0007071	-0.0004298	-0.0017149	-0.0013964
1335	475743.71, 3848980.61	4.0467	15.7875	12.9881	-0.000512	-0.0019973	-0.0016432	-0.0002393	-0.0009336	-0.000768	-0.0004726	-0.0018437	-0.0015168
1336	475743.71, 3849005.61	4.52157	17.1347	14.2529	-0.000572	-0.0021678	-0.0018032	-0.0002674	-0.0010132	-0.0008428	-0.000528	-0.002001	-0.0016645
1337	475743.71, 3849030.61	5.14562	18.7816	16.0066	-0.000651	-0.0023761	-0.0020251	-0.0003043	-0.0011106	-0.0009465	-0.0006009	-0.0021934	-0.0018693
1338	475743.71, 3849055.61	5.83545	19.9886	17.8217	-0.0007383	-0.0025288	-0.0022547	-0.0003451	-0.001182	-0.0010539	-0.0006815	-0.0023343	-0.0020813
1339	475743.71, 3849080.61	7.03846	23.4856	20.9526	-0.0008905	-0.0029712	-0.0026508	-0.0004162	-0.0013888	-0.001239	-0.000822	-0.0027427	-0.0024469
1340	475743.71, 3849105.61	9.20169	30.0695	26.2315	-0.0011641	-0.0038042	-0.0033186	-0.0005441	-0.0017781	-0.0015512	-0.0010746	-0.0035116	-0.0030634
1341	475743.71, 3849130.61	12.9583	40.5948	35.7036	-0.0016394	-0.0051358	-0.004517	-0.0007663	-0.0024005	-0.0021113	-0.0015133	-0.0047408	-0.0041696
1342	475768.71, 3848930.61	3.28194	13.4974	11.064	-0.0004152	-0.0017076	-0.0013998	-0.0001941	-0.0007982	-0.0006543	-0.0003833	-0.0015763	-0.0012921
1343	475768.71, 3848955.61	3.54646	14.2662	11.7834	-0.0004487	-0.0018049	-0.0014908	-0.0002097	-0.0008436	-0.0006968	-0.0004142	-0.001666	-0.0013761
1344	475768.71, 3848980.61	3.89121	15.291	12.5333	-0.0004923	-0.0019345	-0.0015856	-0.0002301	-0.0009042	-0.0007411	-0.0004544	-0.0017857	-0.0014637
1345	475768.71, 3849005.61	4.34373	16.6004	13.6039	-0.0005495	-0.0021002	-0.0017211	-0.0002569	-0.0009816	-0.0008045	-0.0005073	-0.0019386	-0.0015887
1346	475768.71, 3849030.61	4.96013	18.2957	15.3443	-0.0006275	-0.0023147	-0.0019413	-0.0002933	-0.0010819	-0.0009074	-0.0005793	-0.0021366	-0.001792
1347	475768.71, 3849055.61	5.71081	19.887	17.6357	-0.0007225	-0.002516	-0.0022312	-0.0003377	-0.001176	-0.0010429	-0.0006669	-0.0023225	-0.0020595
1348	475768.71, 3849080.61	6.66288	22.4919	19.8812	-0.0008429	-0.0028455	-0.0025152	-0.000394	-0.00133	-0.0011757	-0.0007781	-0.0026267	-0.0023218
1349	475768.71, 3849105.61	8.45223	27.6076	24.7938	-0.0010693	-0.0034927	-0.0031368	-0.0004998	-0.0016326	-0.0014662	-0.0009871	-0.0032241	-0.0028955
1350	475768.71, 3849130.61	12.1412	38.5222	34.1504	-0.001536	-0.0048736	-0.0043205	-0.000718	-0.002278	-0.0020195	-0.0014179	-0.0044987	-0.0039882
1351	475793.71, 3848930.61	3.21534	13.4154	10.7813	-0.0004068	-0.0016972	-0.001364	-0.0001901	-0.0007933	-0.0006375	-0.0003755	-0.0015667	-0.0012591
1352	475793.71, 3848955.61	3.4595	14.0747	11.642	-0.0004377	-0.0017806	-0.0014729	-0.0002046	-0.0008323	-0.0006884	-0.000404	-0.0016437	-0.0013596
1353	475793.71, 3848980.61	3.75947	14.87	12.2875	-0.0004756	-0.0018813	-0.0015545	-0.0002223	-0.0008793	-0.0007266	-0.000439	-0.0017366	-0.001435
1354	475793.71, 3849005.61	4.16334	15.9735	13.2243	-0.0005267	-0.0020209	-0.0016731	-0.0002462	-0.0009446	-0.000782	-0.0004862	-0.0018654	-0.0015444
1355	475793.71, 3849030.61	4.7112	17.4405	14.381	-0.000596	-0.0022065	-0.0018194	-0.0002786	-0.0010313	-0.0008504	-0.0005502	-0.0020368	-0.0016795
1356	475793.71, 3849055.61	5.54847	19.7537	16.9928	-0.000702	-0.0024991	-0.0021498	-0.0003281	-0.0011681	-0.0010049	-0.000648	-0.0023069	-0.0019845
1357	475793.71, 3849080.61	6.69476	22.7093	20.602	-0.000847	-0.002873	-0.0026064	-0.0003959	-0.0013429	-0.0012183	-0.0007818	-0.0026521	-0.002406
1358	475793.71, 3849105.61	8.15287	26.8794	24.1456	-0.0010314	-0.0034006	-0.0030547	-0.0004821	-0.0015895	-0.0014278	-0.0009521	-0.003139	-0.0028198
1359	475793.71, 3849130.61	11.2243	35.8777	31.518	-0.00142	-0.004539	-0.0039875	-0.0006637	-0.0021216	-0.0018638	-0.0013108	-0.0041899	-0.0036808
1360	475818.71, 3848930.61	3.15509	13.3316	10.5976	-0.0003992	-0.0016866	-0.0013407	-0.0001866	-0.0007883	-0.0006267	-0.0003685	-0.0015569	-0.0012376
1361	475818.71, 3848955.61	3.39487	14.0212	11.2868	-0.0004295	-0.0017739	-0.0014279	-0.0002008	-0.0008291	-0.0006674	-0.0003965	-0.0016374	-0.0013181
1362	475818.71, 3848980.61	3.67725	14.7168	12.0579	-0.0004652	-0.0018619	-0.0015255	-0.0002175	-0.0008703	-0.000713	-0.0004294	-0.0017187	-0.0014082
1363	475818.71, 3849005.61	4.04067	15.6131	12.8954	-0.0005112	-0.0019753	-0.0016314	-0.0002389	-0.0009233	-0.0007626	-0.0004719	-0.0018233	-0.001506
1364	475818.71, 3849030.61	4.53255	16.8173	14.0621	-0.0005734	-0.0021276	-0.001779	-0.000268	-0.0009945	-0.0008315	-0.0005293	-0.001964	-0.0016422
1365	475818.71, 3849055.61	5.24756	18.6817	16.0899	-0.0006639	-0.0023635	-0.0020356	-0.0003103	-0.0011047	-0.0009515	-0.0006128	-0.0021817	-0.001879
1366	475818.71, 3849080.61	6.35823	21.5933	19.4715	-0.0008044	-0.0027318	-0.0024634	-0.000376	-0.0012769	-0.0011514	-0.0007425	-0.0025217	-0.0022739
1367	475818.71, 3849105.61	8.09842	26.687	23.9486	-0.0010246	-0.0033763	-0.0030298	-0.0004789	-0.0015781	-0.0014162	-0.0009458	-0.0031166	-0.0027968
1368	475818.71, 3849130.61	10.8758	34.804	30.3378	-0.0013759	-0.0044032	-0.0038381	-0.0006431	-0.0020581	-0.001794	-0.0012701	-0.0040645	-0.0035429
1369	475843.71, 3848955.61	3.33654	13.9493	11.0678	-0.0004221	-0.0017648	-0.0014002	-0.0001973	-0.0008249	-0.0006545	-0.0003897	-0.001629	-0.0012925
1370	475843.71, 3848980.61	3.62299	14.74	11.9171	-0.0004584	-0.0018648	-0.0015077	-0.0002142	-0.0008716	-0.0007047	-0.0004231	-0.0017214	-0.0013917
1371	475843.71, 3849005.61	3.94923	15.455	12.5325	-0.0004996	-0.0019553	-0.0015855	-0.0002335	-0.0009139	-0.0007411	-0.0004612	-0.0018049	-0.0014636
1372	475843.71, 3849030.61	4.41371	16.5684	13.8457	-0.0005584	-0.0020961	-0.0017517	-0.000261	-0.0009798	-0.0008188	-0.0005154	-0.0019349	-0.0016169
1373	475843.71, 3849055.61	5.04613	18.0105	15.4674	-0.0006384	-0.0022786	-0.0019568	-0.0002984	-0.001065	-0.0009147	-0.0005893	-0.0021033	-0.0018063
1374	475843.71, 3849080.61	5.98675	20.3143	18.3527	-0.0007574	-0.00257	-0.0023219	-0.000354	-0.0012013	-0.0010853	-0.0006991	-0.0023724	-0.0021433
1375	475843.71, 3849105.61	7.69968	25.3019	22.717	-0.0009741	-0.003201	-0.002874	-0.0004553	-0.0014962	-0.0013433	-0.0008992	-0.0029548	-0.0026529
1376	475843.71, 3849130.61	10.4039	33.2887	28.8552	-0.0013162	-0.0042115	-0.0036506	-0.0006152	-0.0019685	-0.0017063	-0.001215	-0.0038875	-0.0033698
1377	475868.71, 3848955.61	3.26665	13.7506	10.9157	-0.0004133	-0.0017396	-0.001381	-0.0001932	-0.0008131	-0.0006455	-0.0003815	-0.0016058	-0.0012748
1378	475868.71, 3848980.61	3.55813	14.6379	11.6161	-0.0004502	-0.0018519	-0.0014696	-0.0002104	-0.0008656	-0.0006869	-0.0004155	-0.0017095	-0.0013566
1379	475868.71, 3849005.61	3.91558	15.6341	12.4792	-0.0004954	-0.0019779	-0.0015788	-0.0002315	-0.0009245	-0.0007379	-0.0004573	-0.0018258	-0.0014574
1380	475868.71, 3849030.61	4.34896	16.6542	13.7668	-0.0005502	-0.002107	-0.0017417	-0.0002572	-0.0009848	-0.0008141	-0.0005079	-0.0019449	-0.0016077
1381	475868.71, 3849055.61	4.90602	17.72	14.9238	-0.0006207	-0.0022418	-0.0018881	-0.0002901	-0.0010479	-0.0008825	-0.0005729	-0.0020694	-0.0017428

1382	475868.71, 3849080.61	5.74117	19.532	17.527	-0.0007263	-0.0024711	-0.0022174	-0.0003395	-0.001155	-0.0010364	-0.0006705	-0.002281	-0.0020468
1383	475868.71, 3849105.61	7.07646	23.3183	20.6113	-0.0008953	-0.0029501	-0.0026076	-0.0004185	-0.0013789	-0.0012188	-0.0008264	-0.0027232	-0.002407
1384	475868.71, 3849130.61	9.61895	30.488	26.8983	-0.0012169	-0.0038571	-0.003403	-0.0005688	-0.0018029	-0.0015906	-0.0011233	-0.0035605	-0.0031413
1385	475893.71, 3848955.61	3.19718	13.5734	10.7691	-0.0004045	-0.0017172	-0.0013624	-0.0001891	-0.0008026	-0.0006368	-0.0003734	-0.0015851	-0.0012576
1386	475893.71, 3848980.61	3.48167	14.4558	11.4465	-0.0004405	-0.0018289	-0.0014481	-0.0002059	-0.0008548	-0.0006769	-0.0004066	-0.0016882	-0.0013368
1387	475893.71, 3849005.61	3.84015	15.5106	12.3114	-0.0004858	-0.0019623	-0.0015576	-0.0002271	-0.0009172	-0.000728	-0.0004485	-0.0018114	-0.0014378
1388	475893.71, 3849030.61	4.27759	16.6517	13.4859	-0.0005412	-0.0021067	-0.0017062	-0.000253	-0.0009847	-0.0007975	-0.0004995	-0.0019446	-0.0015749
1389	475893.71, 3849055.61	4.88011	18.1249	14.8716	-0.0006174	-0.002293	-0.0018815	-0.0002886	-0.0010718	-0.0008794	-0.0005699	-0.0021167	-0.0017367
1390	475893.71, 3849080.61	5.64361	19.5263	17.171	-0.000714	-0.0024703	-0.0021724	-0.0003337	-0.0011547	-0.0010154	-0.0006591	-0.0022803	-0.0020053
1391	475893.71, 3849105.61	6.77359	22.4265	19.8633	-0.000857	-0.0028373	-0.002513	-0.0004005	-0.0013262	-0.0011746	-0.000791	-0.002619	-0.0023197
1392	475893.71, 3849130.61	8.78913	28.1417	24.6274	-0.0011119	-0.0035603	-0.0031157	-0.0005197	-0.0016641	-0.0014563	-0.0010264	-0.0032865	-0.002876
1393	475893.71, 3849155.61	13.187	40.8384	36.4016	-0.0016683	-0.0051666	-0.0046053	-0.0007798	-0.0024149	-0.0021526	-0.00154	-0.0047692	-0.0042511
1394	475918.71, 3848955.61	3.12897	13.3467	10.6071	-0.0003959	-0.0016885	-0.0013419	-0.000185	-0.0007892	-0.0006272	-0.0003654	-0.0015587	-0.0012387
1395	475918.71, 3848980.61	3.40936	14.2803	11.3057	-0.0004313	-0.0018067	-0.0014303	-0.0002016	-0.0008445	-0.0006686	-0.0003982	-0.0016677	-0.0013203
1396	475918.71, 3849005.61	3.7567	15.3038	12.1176	-0.0004753	-0.0019361	-0.001533	-0.0002221	-0.000905	-0.0007166	-0.0004387	-0.0017872	-0.0014151
1397	475918.71, 3849030.61	4.20286	16.5531	13.1987	-0.0005317	-0.0020942	-0.0016698	-0.0002485	-0.0009789	-0.0007805	-0.0004908	-0.0019331	-0.0015414
1398	475918.71, 3849055.61	4.77142	17.9811	14.7506	-0.0006037	-0.0022749	-0.0018661	-0.0002822	-0.0010633	-0.0008723	-0.0005572	-0.0020999	-0.0017226
1399	475918.71, 3849080.61	5.55745	19.7238	16.943	-0.0007031	-0.0024953	-0.0021435	-0.0003286	-0.0011664	-0.0010019	-0.000649	-0.0023034	-0.0019786
1400	475918.71, 3849105.61	6.65256	22.0744	19.7968	-0.0008416	-0.0027927	-0.0025046	-0.0003934	-0.0013054	-0.0011707	-0.0007769	-0.0025779	-0.0023119
1401	475918.71, 3849130.61	8.35597	26.9265	23.56	-0.0010571	-0.0034066	-0.0029807	-0.0004941	-0.0015923	-0.0013932	-0.0009758	-0.0031445	-0.0027514
1402	475918.71, 3849155.61	11.816	37.0353	32.5142	-0.0014949	-0.0046855	-0.0041135	-0.0006987	-0.00219	-0.0019227	-0.0013799	-0.0043251	-0.0037971
1403	475943.71, 3848955.61	3.06381	13.0831	10.3703	-0.0003876	-0.0016552	-0.001312	-0.0001812	-0.0007737	-0.0006132	-0.0003578	-0.0015279	-0.0012111
1404	475943.71, 3848980.61	3.34077	14.0146	11.1493	-0.0004227	-0.001773	-0.0014105	-0.0001976	-0.0008287	-0.0006593	-0.0003901	-0.0016367	-0.001302
1405	475943.71, 3849005.61	3.68537	15.2236	12.0322	-0.0004662	-0.001926	-0.0015222	-0.0002179	-0.0009002	-0.0007115	-0.0004304	-0.0017778	-0.0014052
1406	475943.71, 3849030.61	4.12574	16.4404	13.1409	-0.000522	-0.0020799	-0.0016625	-0.000244	-0.0009722	-0.0007771	-0.0004818	-0.00192	-0.0015346
1407	475943.71, 3849055.61	4.66605	17.8044	14.5996	-0.0005903	-0.0022525	-0.001847	-0.0002759	-0.0010528	-0.0008633	-0.0005449	-0.0020792	-0.001705
1408	475943.71, 3849080.61	5.3924	19.4164	16.6149	-0.0006822	-0.0024564	-0.002102	-0.0003189	-0.0011482	-0.0009825	-0.0006297	-0.0022675	-0.0019403
1409	475943.71, 3849105.61	6.42539	21.3696	19.1402	-0.0008129	-0.0027035	-0.0024215	-0.00038	-0.0012637	-0.0011318	-0.0007504	-0.0024956	-0.0022352
1410	475943.71, 3849130.61	8.02176	25.9285	22.7449	-0.0010149	-0.0032803	-0.0028775	-0.0004744	-0.0015333	-0.001345	-0.0009368	-0.003028	-0.0026562
1411	475943.71, 3849155.61	10.8893	34.3121	30.0132	-0.0013776	-0.0043409	-0.0037971	-0.0006439	-0.002029	-0.0017748	-0.0012717	-0.0040071	-0.003505
1412	475968.71, 3848955.61	3.00108	12.832	10.1824	-0.0003797	-0.0016234	-0.0012882	-0.0001775	-0.0007588	-0.0006021	-0.0003505	-0.0014985	-0.0011891
1413	475968.71, 3848980.61	3.27115	13.7993	10.9631	-0.0004138	-0.0017458	-0.001387	-0.0001934	-0.000816	-0.0006483	-0.000382	-0.0016115	-0.0012803
1414	475968.71, 3849005.61	3.60952	14.9255	11.8318	-0.0004567	-0.0018883	-0.0014969	-0.0002134	-0.0008826	-0.0006997	-0.0004215	-0.001743	-0.0013817
1415	475968.71, 3849030.61	4.03457	16.3021	13.0231	-0.0005104	-0.0020624	-0.0016476	-0.0002386	-0.000964	-0.0007701	-0.0004712	-0.0019038	-0.0015209
1416	475968.71, 3849055.61	4.57633	17.6914	14.2622	-0.000579	-0.0022382	-0.0018044	-0.0002706	-0.0010462	-0.0008434	-0.0005344	-0.0020661	-0.0016656
1417	475968.71, 3849080.61	5.30409	19.4055	16.6821	-0.000671	-0.0024551	-0.0021105	-0.0003137	-0.0011475	-0.0009865	-0.0006194	-0.0022662	-0.0019482
1418	475968.71, 3849105.61	6.30717	21.4084	19.0385	-0.0007979	-0.0027085	-0.0024086	-0.000373	-0.001266	-0.0011258	-0.0007366	-0.0025001	-0.0022234
1419	475968.71, 3849130.61	7.77808	25.1701	22.1346	-0.000984	-0.0031844	-0.0028003	-0.0004599	-0.0014884	-0.0013089	-0.0009083	-0.0029394	-0.0025849
1420	475968.71, 3849155.61	10.263	32.3433	28.487	-0.0012984	-0.0040919	-0.003604	-0.0006069	-0.0019126	-0.0016846	-0.0011985	-0.0037771	-0.0033268
1421	475993.71, 3848980.61	3.20539	13.5472	10.7656	-0.0004055	-0.0017139	-0.001362	-0.0001895	-0.0008011	-0.0006366	-0.0003743	-0.0015821	-0.0012572
1422	475993.71, 3849005.61	3.53487	14.6936	11.6213	-0.0004472	-0.0018589	-0.0014703	-0.000209	-0.0008689	-0.0006872	-0.0004128	-0.001716	-0.0013572
1423	475993.71, 3849030.61	3.94906	16.0219	12.9026	-0.0004996	-0.002027	-0.0016324	-0.0002335	-0.0009474	-0.000763	-0.0004612	-0.0018711	-0.0015068
1424	475993.71, 3849055.61	4.47207	17.4907	14.1046	-0.0005658	-0.0022128	-0.0017844	-0.0002645	-0.0010343	-0.0008341	-0.0005223	-0.0020426	-0.0016472
1425	475993.71, 3849080.61	5.15585	19.0612	16.1463	-0.0006523	-0.0024115	-0.0020427	-0.0003049	-0.0011272	-0.0009548	-0.0006021	-0.002226	-0.0018856
1426	475993.71, 3849105.61	6.12346	21.0414	18.6998	-0.0007747	-0.002662	-0.0023658	-0.0003621	-0.0012443	-0.0011058	-0.0007151	-0.0024573	-0.0021838
1427	475993.71, 3849130.61	7.57346	24.5629	21.6059	-0.0009581	-0.0031075	-0.0027334	-0.0004478	-0.0014525	-0.0012776	-0.0008844	-0.0028685	-0.0025232
1428	475993.71, 3849155.61	9.79208	30.7677	27.2343	-0.0012388	-0.0038925	-0.0034455	-0.000579	-0.0018194	-0.0016105	-0.0011435	-0.0035931	-0.0031805
1429	476018.71, 3848980.61	3.14229	13.2664	10.5532	-0.0003975	-0.0016784	-0.0013351	-0.0001858	-0.0007845	-0.0006241	-0.000367	-0.0015493	-0.0012324
1430	476018.71, 3849005.61	3.46474	14.4734	11.5151	-0.0004383	-0.0018311	-0.0014568	-0.0002049	-0.0008559	-0.0006809	-0.0004046	-0.0016902	-0.0013448
1431	476018.71, 3849030.61	3.87429	15.8313	12.6915	-0.0004902	-0.0020029	-0.0016057	-0.0002291	-0.0009362	-0.0007505	-0.0004524	-0.0018488	-0.0014822
1432	476018.71, 3849055.61	4.38636	17.263	13.8874	-0.0005549	-0.002184	-0.0017569	-0.0002594	-0.0010208	-0.0008212	-0.0005123	-0.002016	-0.0016218
1433	476018.71, 3849080.61	5.07603	18.9704	15.7364	-0.0006422	-0.0024	-0.0019909	-0.0003002	-0.0011218	-0.0009306	-0.0005928	-0.0022154	-0.0018377
1434	476018.71, 3849105.61	6.00348	20.9004	18.7325	-0.0007595	-0.0026442	-0.0023699	-0.000355	-0.0012359	-0.0011077	-0.0007011	-0.0024408	-0.0021876
1435	476018.71, 3849130.61	7.32527	24.052	21.1641	-0.0009267	-0.0030429	-0.0026776	-0.0004332	-0.0014223	-0.0012515	-0.0008555	-0.0028089	-0.0024716
1436	476018.71, 3849155.61	9.56135	29.8652	26.8314	-0.0012096	-0.0037784	-0.0033945	-0.0005654	-0.001766	-0.0015866	-0.0011166	-0.0034877	-0.0031334
1437	476043.71, 3848980.61	3.07881	12.8863	10.3	-0.0003895	-0.0016303	-0.0013031	-0.0001821	-0.000762	-0.0006091	-0.0003596	-0.0015049	-0.0012029
1438	476043.71, 3849005.61	3.39195	14.1337	11.2402	-0.0004291	-0.0017881	-0.001422	-0.0002006	-0.0008358	-0.0006647	-0.0003961	-0.0016506	-0.0013127
1439	476043.71, 3849030.61	3.79463	15.5922	12.4025	-0.0004801	-0.0019726	-0.0015691	-0.0002244	-0.000922	-0.0007334	-0.0004431	-0.0018209	-0.0014484
1440	476043.71, 3849055.61	4.3032	17.1864	13.7626	-0.0005444	-0.0021743	-0.0017412	-0.0002545	-0.0010163	-0.0008138	-0.0005025	-0.0020071	-0.0016072
1441	476043.71, 3849080.61	4.95865	18.8189	15.28	-0.0006273	-0.0023808	-0.0019331	-0.0002932	-0.0011128	-0.0009036	-0.0005791	-0.0021977	-0.0017844
1442	476043.71, 3849105.61	5.89801	20.8823	18.4325	-0.0007462	-0.0026419	-0.002332	-0.0003488	-0.0012349	-0.00109	-0.0006888	-0.0024387	-0.0021526
1443	476043.71, 3849130.61	7.3398	24.8186	21.7887	-0.0009286	-0.0031399	-0.0027566	-0.000434	-0.0014676	-0.0012885	-0.0008572	-0.0028984	-0.0025445
1444	476043.71, 3849155.61	9.6291	31.0435	27.2939	-0.0012182	-0.0039274	-0.0034531	-0.0005694	-0.0018357	-0.001614	-0.0011245	-0.0036253	-0.0031875
1445	476068.71, 3848980.61	3.01486	12.5316	10.1035	-0.0003814	-0.0015854	-0.0012782	-0.0001783	-0.000741	-0.0005975	-0.0003521	-0.0014635	-0.0011799
1446	476068.71, 3849005.61	3.32366	13.7668	10.9573	-0.0004205	-0.0017417	-0.0013862	-0.0001965	-0.0008141	-0.0006479	-0.0003881	-0.0016077	-0.0012796
1447	476068.71, 3849030.61	3.7189	15.2952	12.1924	-0.0004705	-0.001935	-0.0015425	-0.0002199	-0.0009045	-0.000721	-0.0004343	-0.0017862	-0.0014239
1448	476068.71, 3849055.61	4.21721	16.9519	13.5748	-0.0005335	-0.0021446	-0.0017174	-0.0002494	-0.0010024	-0.0008027	-0.0004925	-0.0019797	-0.0015853
1449	476068.71, 3849080.61	4.86726	18.7694	15.2223	-0.0006158	-0.0023746	-0.0019258	-0.0002878	-0.0011099	-0.0009002	-0.0005684	-0.0021919	-0.0017777
1450	476068.71, 3849105.61	5.77306	20.8957	17.8806	-0.0007304	-0.0026436	-0.0022621	-0.0003414	-0.0012356	-0.0010574	-0.0006742	-0.0024403	-0.0020881
1451	476068.71, 3849130.61	7.12887	24.4859	21.3845	-0.0009019	-0.0030978	-0.0027054	-0.0004216	-0.001448	-0.0012646	-0.0008325	-0.0028595	-0.0024973
1452	476068.71, 3849155.61	9.23645	30.2416	26.2987	-0.0011685	-0.003826	-0.0033272	-0.0005462	-0.0017883	-0.0015552	-0.0010787	-0.0035317	-0.0030712
1453	476068.71, 3849180.61	13.0348	40.4209	36.407	-0.0016491	-0.0051138	-0.004606	-0.0007708	-0.0023903	-0.0021529	-0.0015222	-0.0047205	-0.0042517
1454	476093.71, 3848980.61	2.95255	12.1957	9.96196	-0.0003735	-0.0015429	-0.0012603	-0.0001746	-0.0007212	-0.0005891	-0.0003448	-0.0014242	-0.0011634
1455	476093.71, 3849005.61	3.24722	13.3096	10.7332	-0.0004108	-0.0016838	-0.0013579	-0.000192	-0.0007871	-0.0006347	-0.0003792	-0.0015543	-0.0012534
1456	476093.71, 3849030.61	3.62184	14.7687	11.7723	-0.0004582	-0.0018684	-0.0014894	-0.0002142	-0.0008733	-0.0006961	-0.000423	-0.0017247	-0.0013748
1457	476093.71, 3849055.61	4.11039	16.4207	13.2991	-0.00052	-0.0020774	-0.0016825	-0.0002431	-0.000971	-0.0007864	-0.00048	-0.0019177	-0.0015531
1458	476093.71, 3849080.61	4.76805	18.5324	15.1315	-0.0006032	-0.0023446	-0.0019143	-0.000282	-0.0010959	-0.0008948	-0.0005568	-0.0021643	-0.0017671

1459	476093.71, 3849105.61	5.64936	20.7924	17.512	-0.0007147	-0.0026305	-0.0022155	-0.0003341	-0.0012295	-0.0010356	-0.0006597	-0.0024282	-0.0020451
1460	476093.71, 3849130.61	6.93103	24.2955	21.0533	-0.0008769	-0.0030737	-0.0026635	-0.0004099	-0.0014367	-0.001245	-0.0008094	-0.0028373	-0.0024587
1461	476093.71, 3849155.61	8.93738	29.8355	25.7573	-0.0011307	-0.0037746	-0.0032587	-0.0005285	-0.0017643	-0.0015231	-0.0010437	-0.0034843	-0.003008
1462	476093.71, 3849180.61	12.392	39.2061	35.0472	-0.0015678	-0.0049601	-0.0044339	-0.0007328	-0.0023184	-0.0020725	-0.0014472	-0.0045786	-0.0040929
1463	476118.71, 3848980.61	2.87602	11.7531	9.74637	-0.0003639	-0.0014869	-0.001233	-0.0001701	-0.000695	-0.0005763	-0.0003359	-0.0013726	-0.0011382
1464	476118.71, 3849005.61	3.16021	12.7111	10.5529	-0.0003998	-0.0016081	-0.0013351	-0.0001869	-0.0007517	-0.000624	-0.0003691	-0.0014844	-0.0012324
1465	476118.71, 3849030.61	3.51917	14.0026	11.5487	-0.0004452	-0.0017715	-0.0014611	-0.0002081	-0.000828	-0.0006829	-0.000411	-0.0016353	-0.0013487
1466	476118.71, 3849055.61	3.9895	15.7486	12.8337	-0.0005047	-0.0019924	-0.0016236	-0.0002359	-0.0009313	-0.0007589	-0.0004659	-0.0018392	-0.0014988
1467	476118.71, 3849080.61	4.61573	17.8034	14.8029	-0.000584	-0.0022524	-0.0018728	-0.0002729	-0.0010528	-0.0008754	-0.000539	-0.0020791	-0.0017287
1468	476118.71, 3849105.61	5.47869	20.2026	17.2236	-0.0006931	-0.0025559	-0.002179	-0.000324	-0.0011947	-0.0010185	-0.0006398	-0.0023593	-0.0020114
1469	476118.71, 3849130.61	6.68917	23.8514	20.5228	-0.0008463	-0.0030175	-0.0025964	-0.0003956	-0.0014104	-0.0012136	-0.0007812	-0.0027854	-0.0023967
1470	476118.71, 3849155.61	8.58966	29.1553	24.6335	-0.0010867	-0.0036885	-0.0031165	-0.0005079	-0.0017241	-0.0014567	-0.0010031	-0.0034048	-0.0028768
1471	476118.71, 3849180.61	11.8064	37.7773	33.8657	-0.0014937	-0.0047794	-0.0042845	-0.0006982	-0.0022339	-0.0020026	-0.0013788	-0.0044117	-0.0039549
1472	476143.71, 3849005.61	3.0591	12.1673	10.2395	-0.000387	-0.0015393	-0.0012954	-0.0001809	-0.0007195	-0.0006055	-0.0003572	-0.0014209	-0.0011958
1473	476143.71, 3849030.61	3.41321	13.3033	11.2917	-0.0004318	-0.001683	-0.0014286	-0.0002018	-0.0007867	-0.0006677	-0.0003986	-0.0015536	-0.0013187
1474	476143.71, 3849055.61	3.86697	14.889	12.565	-0.0004892	-0.0018837	-0.0015896	-0.0002287	-0.0008804	-0.000743	-0.0004516	-0.0017388	-0.0014674
1475	476143.71, 3849080.61	4.46265	16.891	14.2622	-0.0005646	-0.0021369	-0.0018044	-0.0002639	-0.0009988	-0.0008434	-0.0005212	-0.0019726	-0.0016656
1476	476143.71, 3849105.61	5.26971	19.562	16.8697	-0.0006667	-0.0024749	-0.0021342	-0.0003116	-0.0011568	-0.0009976	-0.0006154	-0.0022845	-0.0019701
1477	476143.71, 3849130.61	6.44104	23.2757	19.9946	-0.0008149	-0.0029447	-0.0025296	-0.0003809	-0.0013764	-0.0011824	-0.0007522	-0.0027182	-0.002335
1478	476143.71, 3849155.61	8.22563	28.3498	24.0796	-0.0010407	-0.0035866	-0.0030464	-0.0004864	-0.0016764	-0.0014239	-0.0009606	-0.0033108	-0.0028121
1479	476143.71, 3849180.61	11.2537	36.6014	32.6799	-0.0014237	-0.0046306	-0.0041345	-0.0006655	-0.0021644	-0.0019325	-0.0013142	-0.0042744	-0.0038164
1480	476168.71, 3849005.61	2.96974	11.8076	9.90468	-0.0003757	-0.0014938	-0.0012531	-0.0001756	-0.0006982	-0.0005857	-0.0003468	-0.0013789	-0.0011567
1481	476168.71, 3849030.61	3.31529	12.8226	10.9872	-0.0004194	-0.0016222	-0.00139	-0.000196	-0.0007583	-0.0006497	-0.0003872	-0.0014975	-0.0012831
1482	476168.71, 3849055.61	3.74613	14.1862	12.2696	-0.0004739	-0.0017947	-0.0015523	-0.0002215	-0.0008389	-0.0007256	-0.0004375	-0.0016567	-0.0014329
1483	476168.71, 3849080.61	4.30922	16.1234	13.8414	-0.0005452	-0.0020398	-0.0017511	-0.0002548	-0.0009534	-0.0008185	-0.0005032	-0.0018829	-0.0016164
1484	476168.71, 3849105.61	5.07948	18.905	16.1612	-0.0006426	-0.0023917	-0.0020446	-0.0003004	-0.0011179	-0.0009557	-0.0005932	-0.0022078	-0.0018873
1485	476168.71, 3849130.61	6.18564	22.512	19.3743	-0.0007826	-0.0028481	-0.0024511	-0.0003658	-0.0013312	-0.0011457	-0.0007224	-0.002629	-0.0022626
1486	476168.71, 3849155.61	7.80478	27.3568	22.9516	-0.0009874	-0.003461	-0.0029037	-0.0004615	-0.0016177	-0.0013572	-0.0009115	-0.0031948	-0.0026804
1487	476168.71, 3849180.61	10.6397	35.4368	30.9184	-0.0013461	-0.0044832	-0.0039116	-0.0006292	-0.0020955	-0.0018283	-0.0012425	-0.0041384	-0.0036107
1488	476193.71, 3849005.61	2.89541	11.5291	9.44817	-0.0003663	-0.0014586	-0.0011953	-0.0001712	-0.0006818	-0.0005587	-0.0003381	-0.0013464	-0.0011034
1489	476193.71, 3849030.61	3.22527	12.497	10.5914	-0.000408	-0.001581	-0.00134	-0.0001907	-0.000739	-0.0006263	-0.0003767	-0.0014594	-0.0012369
1490	476193.71, 3849055.61	3.63495	13.6582	11.8996	-0.0004599	-0.0017279	-0.0015055	-0.0002149	-0.0008077	-0.0007037	-0.0004245	-0.001595	-0.0013897
1491	476193.71, 3849080.61	4.16456	15.4893	13.4612	-0.0005269	-0.0019596	-0.001703	-0.0002463	-0.0009159	-0.0007796	-0.0004863	-0.0018089	-0.001572
1492	476193.71, 3849105.61	4.88488	18.0555	15.4994	-0.000618	-0.0022843	-0.0019609	-0.0002889	-0.0010677	-0.0009165	-0.0005705	-0.0021086	-0.0018101
1493	476193.71, 3849130.61	5.90458	21.5101	18.407	-0.000747	-0.0027213	-0.0023287	-0.0003492	-0.001272	-0.0010885	-0.0006896	-0.002512	-0.0021496
1494	476193.71, 3849155.61	7.47032	26.4891	22.2152	-0.0009451	-0.0033512	-0.0028105	-0.0004418	-0.0015664	-0.0013137	-0.0008724	-0.0030935	-0.0025944
1495	476193.71, 3849180.61	10.0353	34.1723	28.6618	-0.0012696	-0.0043233	-0.0036261	-0.0005934	-0.0020207	-0.0016949	-0.0011719	-0.0039907	-0.0033472
1496	476218.71, 3849005.61	2.8245	11.2697	9.16829	-0.0003573	-0.0014258	-0.0011599	-0.000167	-0.0006664	-0.0005422	-0.0003299	-0.0013161	-0.0010707
1497	476218.71, 3849030.61	3.1412	12.2246	10.0813	-0.0003974	-0.0015466	-0.0012754	-0.0001858	-0.0007229	-0.0005962	-0.0003668	-0.0014276	-0.0011773
1498	476218.71, 3849055.61	3.5259	13.2792	11.3778	-0.0004461	-0.00168	-0.0014394	-0.0002085	-0.0007853	-0.0006728	-0.0004118	-0.0015508	-0.0013287
1499	476218.71, 3849080.61	4.02251	15.0247	12.9708	-0.0005089	-0.0019008	-0.001641	-0.0002379	-0.0008885	-0.000767	-0.0004698	-0.0017546	-0.0015148
1500	476218.71, 3849105.61	4.69951	17.4645	15.0237	-0.0005946	-0.0022095	-0.0019007	-0.0002779	-0.0010327	-0.0008884	-0.0005488	-0.0020395	-0.0017545
1501	476218.71, 3849130.61	5.6759	20.8793	17.581	-0.0007181	-0.0026415	-0.0022242	-0.0003356	-0.0012347	-0.0010396	-0.0006628	-0.0024383	-0.0020532
1502	476218.71, 3849155.61	7.18106	25.9008	21.5756	-0.0009085	-0.0032768	-0.0027296	-0.0004246	-0.0015316	-0.0012759	-0.0008386	-0.0030248	-0.0025197
1503	476218.71, 3849180.61	9.54093	33.1339	27.1292	-0.0012071	-0.0041919	-0.0034322	-0.0005642	-0.0019593	-0.0016043	-0.0011142	-0.0038695	-0.0031682
1504	476243.71, 3849005.61	2.76408	11.0688	8.92397	-0.0003497	-0.0014003	-0.001129	-0.0001635	-0.0006545	-0.0005277	-0.0003228	-0.0012926	-0.0010422
1505	476243.71, 3849030.61	3.06708	12.0158	9.75955	-0.000388	-0.0015202	-0.0012347	-0.0001814	-0.0007105	-0.0005771	-0.0003582	-0.0014032	-0.0011397
1506	476243.71, 3849055.61	3.42996	12.9972	10.7957	-0.0004339	-0.0016443	-0.0013658	-0.0002028	-0.0007686	-0.0006384	-0.0004006	-0.0015178	-0.0012607
1507	476243.71, 3849080.61	3.90687	14.7691	12.3812	-0.0004943	-0.0018685	-0.0015664	-0.000231	-0.0008734	-0.0007321	-0.0004563	-0.0017248	-0.0014459
1508	476243.71, 3849105.61	4.55047	17.1876	14.4538	-0.0005757	-0.0021745	-0.0018286	-0.0002691	-0.0010164	-0.0008547	-0.0005314	-0.0020072	-0.001688
1509	476243.71, 3849130.61	5.48656	20.5014	17.1713	-0.0006941	-0.0025937	-0.0021724	-0.0003244	-0.0012123	-0.0010154	-0.0006407	-0.0023942	-0.0020053
1510	476243.71, 3849155.61	6.87827	25.2989	20.821	-0.0008702	-0.0032007	-0.0026341	-0.0004067	-0.001496	-0.0012312	-0.0008033	-0.0029545	-0.0024315
1511	476243.71, 3849180.61	9.02535	32.036	25.939	-0.0011418	-0.004053	-0.0032816	-0.0005337	-0.0018944	-0.0015339	-0.001054	-0.0037412	-0.0030292
1512	476268.71, 3849030.61	2.97903	11.6462	9.49213	-0.0003769	-0.0014734	-0.0012009	-0.0001762	-0.0006887	-0.0005613	-0.0003479	-0.0013601	-0.0011085
1513	476268.71, 3849055.61	3.32257	12.6738	10.4684	-0.0004204	-0.0016034	-0.0013244	-0.0001965	-0.0007495	-0.000619	-0.000388	-0.0014801	-0.0012225
1514	476268.71, 3849080.61	3.78232	14.48	11.764	-0.0004785	-0.0018319	-0.0014883	-0.0002237	-0.0008563	-0.0006957	-0.0004417	-0.001691	-0.0013738
1515	476268.71, 3849105.61	4.39457	16.8338	13.7644	-0.000556	-0.0021297	-0.0017414	-0.0002599	-0.0009955	-0.0008139	-0.0005132	-0.0019659	-0.0016074
1516	476268.71, 3849130.61	5.26423	19.9885	16.51	-0.000666	-0.0025288	-0.0020887	-0.0003113	-0.001182	-0.0009763	-0.0006148	-0.0023343	-0.0019281
1517	476268.71, 3849155.61	6.54336	24.5508	19.9088	-0.0008278	-0.003106	-0.0025187	-0.0003869	-0.0014518	-0.0011773	-0.0007642	-0.0028671	-0.002325
1518	476268.71, 3849180.61	8.53012	30.9674	24.7178	-0.0010792	-0.0039178	-0.0031271	-0.0005044	-0.0018312	-0.0014617	-0.0009962	-0.0036165	-0.0028866
1519	476268.71, 3849205.61	12.0116	40.5541	33.2389	-0.0015196	-0.0051306	-0.0042052	-0.0007103	-0.0023981	-0.0019655	-0.0014027	-0.004736	-0.0038817
1520	476293.71, 3849030.61	2.89456	11.2401	9.22977	-0.0003662	-0.001422	-0.0011677	-0.0001712	-0.0006647	-0.0005458	-0.000338	-0.0013126	-0.0010779
1521	476293.71, 3849055.61	3.23245	12.4148	10.2353	-0.0004089	-0.0015706	-0.0012949	-0.0001911	-0.0007341	-0.0006053	-0.0003775	-0.0014498	-0.0011953
1522	476293.71, 3849080.61	3.66176	14.1404	11.5479	-0.0004633	-0.001789	-0.001461	-0.0002165	-0.0008362	-0.0006829	-0.0004276	-0.0016514	-0.0013486
1523	476293.71, 3849105.61	4.25047	16.4761	13.4943	-0.0005377	-0.0020845	-0.0017072	-0.0002513	-0.0009743	-0.000798	-0.0004964	-0.0019241	-0.0015759
1524	476293.71, 3849130.61	5.07922	19.5716	15.8246	-0.0006426	-0.0024761	-0.002002	-0.0003004	-0.0011573	-0.0009358	-0.0005932	-0.0022856	-0.001848
1525	476293.71, 3849155.61	6.29196	24.0962	19.4105	-0.000796	-0.0030485	-0.0024557	-0.0003721	-0.0014249	-0.0011478	-0.0007348	-0.002814	-0.0022668
1526	476293.71, 3849180.61	8.06002	29.9668	23.724	-0.0010197	-0.0037912	-0.0030014	-0.0004766	-0.0017721	-0.0014029	-0.0009413	-0.0034996	-0.0027706
1527	476293.71, 3849205.61	11.1089	38.7478	30.2621	-0.0014054	-0.0049021	-0.0038286	-0.0006569	-0.0022913	-0.0017895	-0.0012973	-0.0045251	-0.0035341
1528	476318.71, 3849030.61	2.82576	11.0004	9.06508	-0.0003575	-0.0013917	-0.0011469	-0.0001671	-0.0006505	-0.0005361	-0.00033	-0.0012847	-0.0010586
1529	476318.71, 3849055.61	3.15952	12.2428	10.088	-0.0003997	-0.0015489	-0.0012763	-0.0001868	-0.000724	-0.0005965	-0.000369	-0.0014297	-0.0011781
1530	476318.71, 3849080.61	3.57903	13.9872	11.4049	-0.0004528	-0.0017696	-0.0014429	-0.0002116	-0.0008271	-0.0006744	-0.000418	-0.0016335	-0.0013319
1531	476318.71, 3849105.61	4.1335	16.1863	13.2895	-0.0005229	-0.0020478	-0.0016813	-0.0002444	-0.0009572	-0.0007859	-0.0004827	-0.0018903	-0.001552
1532	476318.71, 3849130.61	4.90785	19.1854	15.535	-0.0006209	-0.0024272	-0.0019654	-0.0002902	-0.0011345	-0.0009186	-0.0005732	-0.0022405	-0.0018142
1533	476318.71, 3849155.61	6.01485	23.513	18.6941	-0.000761	-0.0029747	-0.0023651	-0.0003557	-0.0013904	-0.0011055	-0.0007024	-0.0027459	-0.0021831
1534	476318.71, 3849180.61	7.58244	28.9706	22.6748	-0.0009593	-0.0036652	-0.0028687	-0.0004484	-0.0017132	-0.0013409	-0.0008855	-0.0033833	-0.002648
1535	476318.71, 3849205.61	10.2072	36.9051	28.2799	-0.0012914	-0.004669	-0.0035778	-0.0006036	-0.0021824	-0.0016723	-0.001192	-0.0043099	-0.0033026

1536	476343.71, 3849030.61	2.78947	10.9113	9.02641	-0.0003529	-0.0013804	-0.001142	-0.000165	-0.0006452	-0.0005338	-0.0003258	-0.0012742	-0.0010541
1537	476343.71, 3849055.61	3.11174	12.225	10.0576	-0.0003937	-0.0015466	-0.0012724	-0.000184	-0.0007229	-0.0005947	-0.0003634	-0.0014277	-0.0011746
1538	476343.71, 3849080.61	3.50898	13.8835	11.3059	-0.0004439	-0.0017565	-0.0014303	-0.0002075	-0.000821	-0.0006686	-0.0004098	-0.0016214	-0.0013203
1539	476343.71, 3849105.61	4.01345	15.8822	12.9352	-0.0005078	-0.0020093	-0.0016365	-0.0002373	-0.0009392	-0.0007649	-0.0004687	-0.0018548	-0.0015106
1540	476343.71, 3849130.61	4.70723	18.6985	14.986	-0.0005955	-0.0023656	-0.0018959	-0.0002784	-0.0011057	-0.0008862	-0.0005497	-0.0021837	-0.0017501
1541	476343.71, 3849155.61	5.7204	22.8056	18.0042	-0.0007237	-0.0028852	-0.0022778	-0.0003383	-0.0013486	-0.0010647	-0.000668	-0.0026633	-0.0021026
1542	476343.71, 3849180.61	7.15434	28.0459	21.3677	-0.0009051	-0.0035482	-0.0027033	-0.0004231	-0.0016585	-0.0012636	-0.0008355	-0.0032753	-0.0024954
1543	476343.71, 3849205.61	9.41974	35.2279	27.0292	-0.0011917	-0.0044568	-0.0034196	-0.000557	-0.0020832	-0.0015983	-0.0011001	-0.004114	-0.0031565
1544	476343.71, 3849230.61	13.494	45.5314	38.1736	-0.0017072	-0.0057603	-0.0048295	-0.000798	-0.0026925	-0.0022574	-0.0015759	-0.0053173	-0.004458
1545	476368.71, 3849030.61	2.74062	10.7458	8.95913	-0.0003467	-0.0013595	-0.0011335	-0.0001621	-0.0006354	-0.0005298	-0.0003201	-0.0012549	-0.0010463
1546	476368.71, 3849055.61	3.03764	12.0339	9.8661	-0.0003843	-0.0015225	-0.0012482	-0.0001796	-0.0007116	-0.0005834	-0.0003547	-0.0014054	-0.0011522
1547	476368.71, 3849080.61	3.38907	13.4738	10.9431	-0.0004288	-0.0017046	-0.0013845	-0.0002004	-0.0007968	-0.0006471	-0.0003958	-0.0015735	-0.001278
1548	476368.71, 3849105.61	3.81866	15.2281	12.1708	-0.0004831	-0.0019266	-0.0015398	-0.0002258	-0.0009005	-0.0007197	-0.000446	-0.0017784	-0.0014213
1549	476368.71, 3849130.61	4.41541	17.7706	13.8878	-0.0005586	-0.0022482	-0.001757	-0.0002611	-0.0010508	-0.0008212	-0.0005156	-0.0020753	-0.0016218
1550	476368.71, 3849155.61	5.4004	21.8772	16.7349	-0.0006832	-0.0027678	-0.0021172	-0.0003193	-0.0012937	-0.0009896	-0.0006307	-0.0025549	-0.0019543
1551	476368.71, 3849180.61	6.75047	27.1277	20.3009	-0.000854	-0.003432	-0.0025683	-0.0003992	-0.0016042	-0.0012005	-0.0007883	-0.003168	-0.0023708
1552	476368.71, 3849205.61	8.70038	33.6672	25.1679	-0.0011007	-0.0042594	-0.0031841	-0.0005145	-0.0019909	-0.0014883	-0.0010161	-0.0039317	-0.0029392
1553	476368.71, 3849230.61	11.993	42.709	33.9971	-0.0015173	-0.0054033	-0.0043011	-0.0007092	-0.0025256	-0.0020104	-0.0014006	-0.0049877	-0.0039703
1554	473295.03, 3846699.23	0.0484	1.04183	0.52825	-6.123E-06	-0.0001318	-6.683E-05	-2.862E-06	-6.161E-05	-3.124E-05	-5.652E-06	-0.0001217	-6.169E-05
1555	473295.03, 3846749.23	0.05404	1.16281	0.59909	-6.837E-06	-0.0001471	-7.579E-05	-3.196E-06	-6.876E-05	-3.543E-05	-6.311E-06	-0.0001358	-6.996E-05
1556	473295.03, 3846799.23	0.05897	1.24787	0.64423	-7.461E-06	-0.0001579	-8.15E-05	-3.487E-06	-7.379E-05	-3.81E-05	-6.887E-06	-0.0001457	-7.523E-05
1557	473295.03, 3846849.23	0.0661	1.36711	0.74766	-8.363E-06	-0.000173	-9.459E-05	-3.909E-06	-8.084E-05	-4.421E-05	-7.719E-06	-0.0001597	-8.731E-05
1558	473295.03, 3846899.23	0.07327	1.63041	0.82258	-9.27E-06	-0.0002063	-0.0001041	-4.333E-06	-9.641E-05	-4.864E-05	-8.557E-06	-0.0001904	-9.606E-05
1559	473295.03, 3846949.23	0.08156	1.94785	0.93795	-1.032E-05	-0.0002464	-0.0001187	-4.823E-06	-0.0001152	-5.546E-05	-9.525E-06	-0.0002275	-0.0001095
1560	473295.03, 3846999.23	0.09039	2.24082	1.0206	-1.144E-05	-0.0002835	-0.0001291	-5.345E-06	-0.0001325	-6.035E-05	-1.056E-05	-0.0002617	-0.0001192
1561	473295.03, 3847049.23	0.09776	2.36489	1.02875	-1.237E-05	-0.0002992	-0.0001302	-5.781E-06	-0.0001398	-6.083E-05	-1.142E-05	-0.0002762	-0.0001201
1562	473295.03, 3847099.23	0.10588	2.36651	1.14144	-1.34E-05	-0.0002994	-0.0001444	-6.261E-06	-0.0001399	-6.75E-05	-1.236E-05	-0.0002764	-0.0001333
1563	473295.03, 3847149.23	0.11557	2.23969	1.26641	-1.462E-05	-0.0002834	-0.0001602	-6.834E-06	-0.0001324	-7.489E-05	-1.35E-05	-0.0002616	-0.0001479
1564	473295.03, 3847199.23	0.13084	2.1162	1.32792	-1.655E-05	-0.0002677	-0.000168	-7.737E-06	-0.0001251	-7.853E-05	-1.528E-05	-0.0002471	-0.0001551
1565	473345.03, 3846699.23	0.04856	1.01095	0.52142	-6.144E-06	-0.0001279	-6.597E-05	-2.872E-06	-5.978E-05	-3.083E-05	-5.671E-06	-0.0001181	-6.089E-05
1566	473345.03, 3846749.23	0.05301	1.10304	0.56656	-6.706E-06	-0.0001395	-7.168E-05	-3.135E-06	-6.523E-05	-3.35E-05	-6.191E-06	-0.0001288	-6.616E-05
1567	473345.03, 3846799.23	0.05802	1.19875	0.62533	-7.34E-06	-0.0001517	-7.911E-05	-3.431E-06	-7.089E-05	-3.698E-05	-6.776E-06	-0.00014	-7.303E-05
1568	473345.03, 3846849.23	0.06499	1.32922	0.73736	-8.222E-06	-0.0001682	-9.329E-05	-3.843E-06	-7.86E-05	-4.36E-05	-7.59E-06	-0.0001552	-8.611E-05
1569	473345.03, 3846899.23	0.07122	1.41637	0.79561	-9.01E-06	-0.0001792	-0.0001007	-4.212E-06	-8.376E-05	-4.705E-05	-8.317E-06	-0.0001654	-9.291E-05
1570	473345.03, 3846949.23	0.07952	1.68158	0.87745	-1.006E-05	-0.0002127	-0.000111	-4.702E-06	-9.944E-05	-5.189E-05	-9.287E-06	-0.0001964	-0.0001025
1571	473345.03, 3846999.23	0.08984	2.05462	0.99475	-1.137E-05	-0.0002599	-0.0001258	-5.313E-06	-0.0001215	-5.882E-05	-1.049E-05	-0.0002399	-0.0001162
1572	473345.03, 3847049.23	0.09905	2.32527	1.0634	-1.253E-05	-0.0002942	-0.0001345	-5.857E-06	-0.0001375	-6.288E-05	-1.157E-05	-0.0002716	-0.0001242
1573	473345.03, 3847099.23	0.10818	2.47687	1.07686	-1.369E-05	-0.0003134	-0.0001362	-6.397E-06	-0.0001465	-6.368E-05	-1.263E-05	-0.0002893	-0.0001258
1574	473345.03, 3847149.23	0.12203	2.6555	1.23412	-1.544E-05	-0.000336	-0.0001561	-7.216E-06	-0.000157	-7.298E-05	-1.425E-05	-0.0003101	-0.0001441
1575	473345.03, 3847199.23	0.133	2.40551	1.39313	-1.683E-05	-0.0003043	-0.0001763	-7.865E-06	-0.0001422	-8.238E-05	-1.553E-05	-0.0002809	-0.0001627
1576	473395.03, 3846699.23	0.04769	0.97234	0.51698	-6.033E-06	-0.000123	-6.541E-05	-2.82E-06	-5.75E-05	-3.057E-05	-5.569E-06	-0.0001136	-6.037E-05
1577	473395.03, 3846749.23	0.05248	1.05403	0.56068	-6.639E-06	-0.0001333	-7.093E-05	-3.103E-06	-6.233E-05	-3.316E-05	-6.129E-06	-0.0001231	-6.548E-05
1578	473395.03, 3846799.23	0.05848	1.17776	0.61451	-7.399E-06	-0.000149	-7.774E-05	-3.458E-06	-6.965E-05	-3.634E-05	-6.829E-06	-0.0001375	-7.176E-05
1579	473395.03, 3846849.23	0.06416	1.27973	0.68079	-8.117E-06	-0.0001619	-8.613E-05	-3.794E-06	-7.568E-05	-4.026E-05	-7.493E-06	-0.0001495	-7.95E-05
1580	473395.03, 3846899.23	0.07121	1.39751	0.76618	-9.009E-06	-0.0001768	-9.693E-05	-4.211E-06	-8.264E-05	-4.531E-05	-8.316E-06	-0.0001632	-8.948E-05
1581	473395.03, 3846949.23	0.07917	1.51222	0.87739	-1.002E-05	-0.0001913	-0.000111	-4.682E-06	-8.942E-05	-5.188E-05	-9.246E-06	-0.0001766	-0.0001025
1582	473395.03, 3846999.23	0.0885	1.79369	0.94129	-1.12E-05	-0.0002269	-0.0001191	-5.233E-06	-0.0001061	-5.566E-05	-1.034E-05	-0.0002095	-0.0001099
1583	473395.03, 3847049.23	0.09903	2.13401	1.03709	-1.253E-05	-0.00027	-0.0001312	-5.856E-06	-0.0001262	-6.133E-05	-1.156E-05	-0.0002492	-0.0001211
1584	473395.03, 3847099.23	0.10986	2.42265	1.10767	-1.39E-05	-0.0003065	-0.0001401	-6.496E-06	-0.0001433	-6.55E-05	-1.283E-05	-0.0002829	-0.0001294
1585	473395.03, 3847149.23	0.11933	2.52145	1.14842	-1.51E-05	-0.000319	-0.0001453	-7.056E-06	-0.0001491	-6.791E-05	-1.394E-05	-0.0002945	-0.0001341
1586	473395.03, 3847199.23	0.14126	2.8924	1.32429	-1.787E-05	-0.0003659	-0.0001675	-8.353E-06	-0.000171	-7.831E-05	-1.65E-05	-0.0003378	-0.0001547
1587	473395.03, 3847249.23	0.17018	3.22985	1.6704	-2.153E-05	-0.0004086	-0.0002113	-1.006E-05	-0.000191	-9.878E-05	-1.987E-05	-0.0003772	-0.0001951
1588	473445.03, 3846699.23	0.04905	0.99132	0.52924	-6.205E-06	-0.0001254	-6.696E-05	-2.901E-06	-5.862E-05	-3.13E-05	-5.728E-06	-0.0001158	-6.181E-05
1589	473445.03, 3846749.23	0.05405	1.05605	0.56361	-6.838E-06	-0.0001336	-7.13E-05	-3.196E-06	-6.245E-05	-3.333E-05	-6.312E-06	-0.0001233	-6.582E-05
1590	473445.03, 3846799.23	0.05927	1.15696	0.60684	-7.498E-06	-0.0001464	-7.677E-05	-3.505E-06	-6.842E-05	-3.588E-05	-6.922E-06	-0.0001351	-7.087E-05
1591	473445.03, 3846849.23	0.06521	1.26468	0.65741	-8.25E-06	-0.00016	-8.317E-05	-3.856E-06	-7.479E-05	-3.888E-05	-7.615E-06	-0.0001477	-7.677E-05
1592	473445.03, 3846899.23	0.07047	1.34206	0.72096	-8.915E-06	-0.0001698	-9.121E-05	-4.167E-06	-7.936E-05	-4.263E-05	-8.23E-06	-0.0001567	-8.42E-05
1593	473445.03, 3846949.23	0.07784	1.45294	0.82276	-9.848E-06	-0.0001838	-0.0001041	-4.603E-06	-8.592E-05	-4.865E-05	-9.09E-06	-0.0001697	-9.608E-05
1594	473445.03, 3846999.23	0.08712	1.58047	0.93954	-1.102E-05	-0.0002	-0.0001189	-5.152E-06	-9.346E-05	-5.556E-05	-1.017E-05	-0.0001846	-0.0001097
1595	473445.03, 3847049.23	0.09814	1.87928	0.98799	-1.242E-05	-0.0002378	-0.000125	-5.803E-06	-0.0001111	-5.842E-05	-1.146E-05	-0.0002195	-0.0001154
1596	473445.03, 3847099.23	0.10959	2.20858	1.09588	-1.386E-05	-0.0002794	-0.0001386	-6.481E-06	-0.0001306	-6.48E-05	-1.28E-05	-0.0002579	-0.000128
1597	473445.03, 3847149.23	0.12361	2.5589	1.15514	-1.564E-05	-0.0003237	-0.0001461	-7.31E-06	-0.0001513	-6.831E-05	-1.444E-05	-0.0002988	-0.0001349
1598	473445.03, 3847199.23	0.14204	2.9441	1.25011	-1.797E-05	-0.0003725	-0.0001582	-8.399E-06	-0.0001741	-7.392E-05	-1.659E-05	-0.0003438	-0.000146
1599	473445.03, 3847249.23	0.17816	3.73863	1.52256	-2.254E-05	-0.000473	-0.0001926	-1.054E-05	-0.0002211	-9.004E-05	-2.081E-05	-0.0004366	-0.0001778
1600	473495.03, 3846699.23	0.05126	1.00772	0.55186	-6.485E-06	-0.0001275	-6.982E-05	-3.031E-06	-5.959E-05	-3.263E-05	-5.986E-06	-0.0001177	-6.445E-05
1601	473495.03, 3846749.23	0.05536	1.06198	0.56397	-7.004E-06	-0.0001344	-7.135E-05	-3.274E-06	-6.28E-05	-3.335E-05	-6.465E-06	-0.000124	-6.586E-05
1602	473495.03, 3846799.23	0.06004	1.1285	0.59562	-7.596E-06	-0.0001428	-7.535E-05	-3.55E-06	-6.673E-05	-3.522E-05	-7.012E-06	-0.0001318	-6.956E-05
1603	473495.03, 3846849.23	0.06594	1.23695	0.63996	-8.342E-06	-0.0001565	-8.096E-05	-3.899E-06	-7.315E-05	-3.784E-05	-7.701E-06	-0.0001445	-7.474E-05
1604	473495.03, 3846899.23	0.07223	1.34054	0.70084	-9.138E-06	-0.0001696	-8.867E-05	-4.271E-06	-7.927E-05	-4.144E-05	-8.435E-06	-0.0001566	-8.185E-05
1605	473495.03, 3846949.23	0.07871	1.43221	0.77697	-9.958E-06	-0.0001812	-9.83E-05	-4.654E-06	-8.469E-05	-4.595E-05	-9.192E-06	-0.0001673	-9.074E-05
1606	473495.03, 3846999.23	0.08722	1.54797	0.8873	-1.103E-05	-0.0001958	-0.0001123	-5.158E-06	-9.154E-05	-5.247E-05	-1.019E-05	-0.0001808	-0.0001036
1607	473495.03, 3847049.23	0.09572	1.63592	0.9919	-1.211E-05	-0.000207	-0.0001255	-5.66E-06	-9.674E-05	-5.866E-05	-1.118E-05	-0.000191	-0.0001158
1608	473495.03, 3847099.23	0.10836	1.93499	1.0422	-1.371E-05	-0.0002448	-0.0001319	-6.408E-06	-0.0001144	-6.163E-05	-1.265E-05	-0.000226	-0.0001217
1609	473495.03, 3847149.23	0.12413	2.37541	1.13878	-1.57E-05	-0.0003005	-0.0001441	-7.34E-06	-0.0001405	-6.734E-05	-1.45E-05	-0.0002774	-0.000133
1610	473495.03, 3847199.23	0.1417	2.78236	1.29005	-1.793E-05	-0.000352	-0.0001632	-8.379E-06	-0.0001645	-7.629E-05	-1.655E-05	-0.0003249	-0.0001507
1611	473495.03, 3847249.23	0.17104	3.35	1.45489	-2.164E-05	-0.0004238	-0.0001841	-1.011E-05	-0.0001981	-8.603E-05	-1.997E-05	-0.0003912	-0.0001699
1612	473495.03, 3847299.23	0.21692	3.9635	1.59299	-2.744E-05	-0.0005014	-0.0002015	-1.283E-05	-0.0002344	-9.42E-05	-2.533E-05	-0.0004629	-0.000186

1613	473545.03, 3846699.23	0.0532	1.00869	0.56899	-6.731E-06	-0.0001276	-7.199E-05	-3.146E-06	-5.965E-05	-3.365E-06	-6.213E-06	-0.0001178	-6.645E-05
1614	473545.03, 3846749.23	0.05657	1.05678	0.58042	-7.157E-06	-0.0001337	-7.343E-05	-3.345E-06	-6.249E-05	-3.432E-06	-6.606E-06	-0.0001234	-6.778E-05
1615	473545.03, 3846799.23	0.06152	1.11943	0.60375	-7.783E-06	-0.0001416	-7.638E-05	-3.638E-06	-6.62E-05	-3.57E-05	-7.184E-06	-0.0001307	-7.051E-05
1616	473545.03, 3846849.23	0.06606	1.18813	0.62948	-8.357E-06	-0.0001503	-7.964E-05	-3.906E-06	-7.026E-05	-3.722E-05	-7.715E-06	-0.0001388	-7.351E-05
1617	473545.03, 3846899.23	0.07284	1.30482	0.69352	-9.215E-06	-0.0001651	-8.774E-05	-4.307E-06	-7.716E-05	-4.101E-05	-8.506E-06	-0.0001524	-8.099E-05
1618	473545.03, 3846949.23	0.08019	1.41579	0.75753	-1.015E-05	-0.0001791	-9.584E-05	-4.742E-06	-8.372E-05	-4.48E-05	-9.365E-06	-0.0001653	-8.847E-05
1619	473545.03, 3846999.23	0.08807	1.5173	0.80959	-1.114E-05	-0.000192	-0.0001024	-5.208E-06	-8.972E-05	-4.787E-05	-1.029E-05	-0.0001772	-9.455E-05
1620	473545.03, 3847049.23	0.09804	1.63449	0.92593	-1.24E-05	-0.0002068	-0.0001171	-5.798E-06	-9.665E-05	-5.475E-05	-1.145E-05	-0.0001909	-0.0001081
1621	473545.03, 3847099.23	0.10754	1.71156	1.04381	-1.361E-05	-0.0002165	-0.0001321	-6.359E-06	-0.0001012	-6.172E-05	-1.256E-05	-0.0001999	-0.0001219
1622	473545.03, 3847149.23	0.12492	2.1713	1.10967	-1.58E-05	-0.0002747	-0.0001404	-7.387E-06	-0.0001284	-6.562E-05	-1.459E-05	-0.0002536	-0.0001296
1623	473545.03, 3847199.23	0.14501	2.59949	1.22948	-1.835E-05	-0.0003289	-0.0001555	-8.575E-06	-0.0001537	-7.27E-05	-1.693E-05	-0.0003036	-0.0001436
1624	473545.03, 3847249.23	0.1669	2.86011	1.32682	-2.112E-05	-0.0003618	-0.0001679	-9.869E-06	-0.0001691	-7.846E-05	-1.949E-05	-0.000334	-0.0001549
1625	473545.03, 3847299.23	0.22274	3.75134	1.55007	-2.818E-05	-0.0004746	-0.0001961	-1.317E-05	-0.0002218	-9.166E-05	-2.601E-05	-0.0004381	-0.000181
1626	473595.03, 3846699.23	0.05503	0.99792	0.58684	-6.962E-06	-0.0001263	-7.424E-05	-3.254E-06	-5.901E-05	-3.47E-05	-6.427E-06	-0.0001165	-6.853E-05
1627	473595.03, 3846749.23	0.05854	1.05167	0.61279	-7.406E-06	-0.0001331	-7.753E-05	-3.462E-06	-6.219E-05	-3.624E-05	-6.836E-06	-0.0001228	-7.156E-05
1628	473595.03, 3846799.23	0.0627	1.10756	0.64456	-7.932E-06	-0.0001401	-8.155E-05	-3.708E-06	-6.549E-05	-3.812E-05	-7.322E-06	-0.0001293	-7.527E-05
1629	473595.03, 3846849.23	0.06861	1.18067	0.68424	-8.68E-06	-0.0001494	-8.657E-05	-4.057E-06	-6.982E-05	-4.046E-05	-8.012E-06	-0.0001379	-7.991E-05
1630	473595.03, 3846899.23	0.07359	1.25987	0.72362	-9.31E-06	-0.0001594	-9.155E-05	-4.352E-06	-7.45E-05	-4.279E-05	-8.594E-06	-0.0001471	-8.451E-05
1631	473595.03, 3846949.23	0.08202	1.39414	0.77742	-1.038E-05	-0.0001764	-9.835E-05	-4.85E-06	-8.244E-05	-4.597E-05	-9.579E-06	-0.0001628	-9.079E-05
1632	473595.03, 3846999.23	0.08884	1.47143	0.79846	-1.124E-05	-0.0001862	-0.000101	-5.253E-06	-8.701E-05	-4.722E-05	-1.037E-05	-0.0001718	-9.325E-05
1633	473595.03, 3847049.23	0.09853	1.5764	0.8401	-1.247E-05	-0.0001994	-0.0001063	-5.826E-06	-9.322E-05	-4.968E-05	-1.151E-05	-0.0001841	-9.811E-05
1634	473595.03, 3847099.23	0.11074	1.69085	0.9445	-1.401E-05	-0.0002139	-0.0001195	-6.549E-06	-9.999E-05	-5.585E-05	-1.293E-05	-0.0001975	-0.0001103
1635	473595.03, 3847149.23	0.12464	1.88424	1.07871	-1.577E-05	-0.0002384	-0.0001365	-7.37E-06	-0.0001114	-6.379E-05	-1.456E-05	-0.00022	-0.000126
1636	473595.03, 3847199.23	0.14688	2.29614	1.1394	-1.858E-05	-0.0002905	-0.0001441	-8.686E-06	-0.0001358	-6.738E-05	-1.715E-05	-0.0002681	-0.0001331
1637	473595.03, 3847249.23	0.17663	2.72774	1.26585	-2.235E-05	-0.0003451	-0.0001601	-1.044E-05	-0.0001613	-7.485E-05	-2.063E-05	-0.0003186	-0.0001478
1638	473595.03, 3847299.23	0.226	3.25675	1.43962	-2.859E-05	-0.000412	-0.0001821	-1.336E-05	-0.0001926	-8.513E-05	-2.639E-05	-0.0003803	-0.0001681
1639	473645.03, 3846699.23	0.05676	0.97755	0.62077	-7.181E-06	-0.0001237	-7.854E-05	-3.356E-06	-5.781E-05	-3.671E-05	-6.629E-06	-0.0001142	-7.25E-05
1640	473645.03, 3846749.23	0.06058	1.03643	0.65644	-7.664E-06	-0.0001311	-8.305E-05	-3.582E-06	-6.129E-05	-3.882E-05	-7.075E-06	-0.000121	-7.666E-05
1641	473645.03, 3846799.23	0.06508	1.09952	0.70151	-8.234E-06	-0.0001391	-8.875E-05	-3.848E-06	-6.502E-05	-4.148E-05	-7.6E-06	-0.0001284	-8.192E-05
1642	473645.03, 3846849.23	0.07106	1.17424	0.75754	-8.99E-06	-0.0001486	-9.584E-05	-4.202E-06	-6.944E-05	-4.48E-05	-8.299E-06	-0.0001371	-8.847E-05
1643	473645.03, 3846899.23	0.07684	1.25081	0.78184	-9.721E-06	-0.0001582	-9.891E-05	-4.544E-06	-7.397E-05	-4.623E-05	-8.974E-06	-0.0001461	-9.131E-05
1644	473645.03, 3846949.23	0.08458	1.36737	0.81365	-1.07E-05	-0.000173	-0.0001029	-5.002E-06	-8.086E-05	-4.811E-05	-9.877E-06	-0.0001597	-9.502E-05
1645	473645.03, 3846999.23	0.09247	1.46265	0.83454	-1.17E-05	-0.000185	-0.0001056	-5.468E-06	-8.649E-05	-4.935E-05	-1.08E-05	-0.0001708	-9.746E-05
1646	473645.03, 3847049.23	0.10135	1.54646	0.8515	-1.282E-05	-0.0001956	-0.0001077	-5.993E-06	-9.145E-05	-5.035E-05	-1.184E-05	-0.0001806	-9.944E-05
1647	473645.03, 3847099.23	0.1126	1.63654	0.91927	-1.425E-05	-0.000207	-0.0001163	-6.658E-06	-9.678E-05	-5.436E-05	-1.315E-05	-0.0001911	-0.0001074
1648	473645.03, 3847149.23	0.12732	1.73596	0.98354	-1.611E-05	-0.0002196	-0.0001244	-7.529E-06	-0.0001027	-5.816E-05	-1.487E-05	-0.0002027	-0.0001149
1649	473645.03, 3847199.23	0.14985	2.01165	1.11711	-1.896E-05	-0.0002545	-0.0001413	-8.861E-06	-0.000119	-6.606E-05	-1.75E-05	-0.0002349	-0.0001305
1650	473645.03, 3847249.23	0.18408	2.43252	1.17664	-2.329E-05	-0.0003077	-0.0001489	-1.089E-05	-0.0001438	-6.958E-05	-2.15E-05	-0.0002841	-0.0001374
1651	473645.03, 3847299.23	0.23771	2.90983	1.37369	-3.007E-05	-0.0003681	-0.0001738	-1.406E-05	-0.0001721	-8.123E-05	-2.776E-05	-0.0003398	-0.0001604
1652	473645.03, 3847349.23	0.35565	4.02306	1.83962	-4.499E-05	-0.000509	-0.0002327	-2.103E-05	-0.0002379	-0.0001088	-4.153E-05	-0.0004698	-0.0002148
1653	473695.03, 3846699.23	0.05876	0.95546	0.66156	-7.434E-06	-0.0001209	-8.37E-05	-3.475E-06	-5.65E-05	-3.912E-05	-6.862E-06	-0.0001116	-7.726E-05
1654	473695.03, 3846749.23	0.06279	1.01537	0.69523	-7.944E-06	-0.0001285	-8.796E-05	-3.713E-06	-6.004E-05	-4.111E-05	-7.333E-06	-0.0001186	-8.119E-05
1655	473695.03, 3846799.23	0.06767	1.08253	0.74956	-8.561E-06	-0.000137	-9.483E-05	-4.002E-06	-6.401E-05	-4.432E-05	-7.903E-06	-0.0001264	-8.754E-05
1656	473695.03, 3846849.23	0.07357	1.15595	0.79464	-9.308E-06	-0.0001462	-0.0001005	-4.35E-06	-6.836E-05	-4.699E-05	-8.592E-06	-0.000135	-9.28E-05
1657	473695.03, 3846899.23	0.07962	1.22191	0.83615	-1.007E-05	-0.0001546	-0.0001058	-4.708E-06	-7.226E-05	-4.944E-05	-9.298E-06	-0.0001427	-9.765E-05
1658	473695.03, 3846949.23	0.08779	1.33187	0.88538	-1.111E-05	-0.0001685	-0.000112	-5.191E-06	-7.876E-05	-5.236E-05	-1.025E-05	-0.0001555	-0.0001034
1659	473695.03, 3846999.23	0.09606	1.43122	0.89056	-1.215E-05	-0.0001811	-0.0001127	-5.68E-06	-8.463E-05	-5.266E-05	-1.122E-05	-0.0001671	-0.000104
1660	473695.03, 3847049.23	0.10561	1.52542	0.88564	-1.336E-05	-0.000193	-0.000112	-6.245E-06	-9.02E-05	-5.237E-05	-1.233E-05	-0.0001781	-0.0001034
1661	473695.03, 3847099.23	0.11811	1.63137	0.94702	-1.494E-05	-0.0002064	-0.0001198	-6.984E-06	-9.647E-05	-5.6E-05	-1.379E-05	-0.0001905	-0.0001106
1662	473695.03, 3847149.23	0.13385	1.73116	1.03893	-1.693E-05	-0.000219	-0.0001314	-7.915E-06	-0.0001024	-6.144E-05	-1.563E-05	-0.0002022	-0.0001213
1663	473695.03, 3847199.23	0.15626	1.83749	1.09154	-1.977E-05	-0.0002325	-0.0001381	-9.24E-06	-0.0001087	-6.455E-05	-1.825E-05	-0.0002146	-0.0001275
1664	473695.03, 3847249.23	0.1924	2.13515	1.20793	-2.434E-05	-0.0002701	-0.0001528	-1.138E-05	-0.0001263	-7.143E-05	-2.247E-05	-0.0002493	-0.0001411
1665	473695.03, 3847299.23	0.24763	2.50715	1.37041	-3.133E-05	-0.0003172	-0.0001734	-1.464E-05	-0.0001483	-8.104E-05	-2.892E-05	-0.0002928	-0.00016
1666	473695.03, 3847349.23	0.36103	3.34712	1.72134	-4.568E-05	-0.0004235	-0.0002178	-2.135E-05	-0.0001979	-0.0001018	-4.216E-05	-0.0003909	-0.000201
1667	473745.03, 3846699.23	0.05971	0.91947	0.68156	-7.554E-06	-0.0001163	-8.623E-05	-3.531E-06	-5.437E-05	-4.03E-05	-6.973E-06	-0.0001074	-7.959E-05
1668	473745.03, 3846749.23	0.06447	0.98294	0.72146	-8.156E-06	-0.0001244	-9.127E-05	-3.812E-06	-5.813E-05	-4.266E-05	-7.529E-06	-0.0001148	-8.425E-05
1669	473745.03, 3846799.23	0.06979	1.05079	0.76469	-8.829E-06	-0.0001329	-9.674E-05	-4.127E-06	-6.214E-05	-4.522E-05	-8.15E-06	-0.0001227	-8.93E-05
1670	473745.03, 3846849.23	0.07618	1.12605	0.80471	-9.638E-06	-0.0001425	-0.0001018	-4.505E-06	-6.659E-05	-4.759E-05	-8.897E-06	-0.0001315	-9.398E-05
1671	473745.03, 3846899.23	0.08255	1.19409	0.86127	-1.044E-05	-0.0001511	-0.000109	-4.882E-06	-7.061E-05	-5.093E-05	-9.64E-06	-0.0001394	-0.0001006
1672	473745.03, 3846949.23	0.09089	1.28039	0.91996	-1.15E-05	-0.000162	-0.0001164	-5.375E-06	-7.571E-05	-5.44E-05	-1.061E-05	-0.0001495	-0.0001074
1673	473745.03, 3846999.23	0.09963	1.38152	0.96433	-1.26E-05	-0.0001748	-0.000122	-5.892E-06	-8.169E-05	-5.702E-05	-1.164E-05	-0.0001613	-0.0001126
1674	473745.03, 3847049.23	0.11014	1.48781	0.97508	-1.393E-05	-0.0001882	-0.0001234	-6.513E-06	-8.798E-05	-5.766E-05	-1.286E-05	-0.0001738	-0.0001139
1675	473745.03, 3847099.23	0.12291	1.58993	0.98593	-1.555E-05	-0.0002011	-0.0001247	-7.268E-06	-9.402E-05	-5.83E-05	-1.435E-05	-0.0001857	-0.0001151
1676	473745.03, 3847149.23	0.13952	1.68451	1.06068	-1.765E-05	-0.0002131	-0.0001342	-8.25E-06	-9.961E-05	-6.272E-05	-1.629E-05	-0.0001967	-0.0001239
1677	473745.03, 3847199.23	0.16564	1.80913	1.13568	-2.096E-05	-0.0002289	-0.0001437	-9.795E-06	-0.000107	-6.716E-05	-1.934E-05	-0.0002113	-0.0001326
1678	473745.03, 3847249.23	0.2037	1.93092	1.19851	-2.577E-05	-0.0002443	-0.0001516	-1.205E-05	-0.0001142	-7.087E-05	-2.379E-05	-0.0002255	-0.00014
1679	473745.03, 3847299.23	0.25868	2.16602	1.30201	-3.273E-05	-0.000274	-0.0001647	-1.53E-05	-0.0001281	-7.699E-05	-3.021E-05	-0.000253	-0.0001521
1680	473745.03, 3847349.23	0.35249	2.58937	1.54785	-4.459E-05	-0.0003276	-0.0001958	-2.084E-05	-0.0001531	-9.153E-05	-4.116E-05	-0.0003024	-0.0001808
1681	473745.03, 3847399.23	0.49475	3.07579	1.82849	-6.259E-05	-0.0003891	-0.0002313	-2.926E-05	-0.0001819	-0.0001081	-5.778E-05	-0.0003592	-0.0002135
1682	473795.03, 3846699.23	0.06065	0.8842	0.69739	-7.673E-06	-0.0001119	-8.823E-05	-3.586E-06	-5.229E-05	-4.124E-05	-7.083E-06	-0.0001033	-8.144E-05
1683	473795.03, 3846749.23	0.06542	0.94124	0.73404	-8.277E-06	-0.0001191	-9.287E-05	-3.869E-06	-5.566E-05	-4.341E-05	-7.64E-06	-0.0001099	-8.572E-05
1684	473795.03, 3846799.23	0.07105	1.00602	0.76887	-8.989E-06	-0.0001273	-9.727E-05	-4.201E-06	-5.949E-05	-4.547E-05	-8.297E-06	-0.0001175	-8.979E-05
1685	473795.03, 3846849.23	0.07779	1.07917	0.79871	-9.842E-06	-0.0001365	-0.000101	-4.6E-06	-6.382E-05	-4.723E-05	-9.085E-06	-0.000126	-9.328E-05
1686	473795.03, 3846899.23	0.08531	1.15501	0.82842	-1.079E-05	-0.0001461	-0.0001048	-5.045E-06	-6.83E-05	-4.899E-05	-9.963E-06	-0.0001349	-9.675E-05
1687	473795.03, 3846949.23	0.0938	1.2328	0.91445	-1.187E-05	-0.000156	-0.0001157	-5.547E-06	-7.29E-05	-5.408E-05	-1.095E-05	-0.000144	-0.0001068
1688	473795.03, 3846999.23	0.10303	1.31914	0.98653	-1.303E-05	-0.0001669	-0.0001248	-6.093E-06	-7.801E-05	-5.834E-05	-1.203E-05	-0.0001541	-0.0001152
1689	473795.03, 3847049.23	0.11405	1.42123	1.01379	-1.443E-05	-0.0001798	-0.0001283	-6.744E-06	-8.404E-05	-5.995E-05	-1.332E-05	-0.000166	-0.0001184

1690	473795.03, 3847099.23	0.12717	1.51459	1.03672	-1.609E-05	-0.0001916	-0.0001312	-7.52E-06	-8.956E-05	-6.131E-05	-1.485E-05	-0.0001769	-0.0001211
1691	473795.03, 3847149.23	0.14495	1.60493	1.06875	-1.834E-05	-0.000203	-0.0001352	-8.571E-06	-9.491E-05	-6.32E-05	-1.693E-05	-0.0001874	-0.0001248
1692	473795.03, 3847199.23	0.17346	1.73198	1.21321	-2.195E-05	-0.0002191	-0.0001535	-1.026E-05	-0.0001024	-7.174E-05	-2.026E-05	-0.0002023	-0.0001417
1693	473795.03, 3847249.23	0.21569	1.86909	1.25412	-2.729E-05	-0.0002365	-0.0001587	-1.275E-05	-0.0001105	-7.416E-05	-2.519E-05	-0.0002183	-0.0001465
1694	473795.03, 3847299.23	0.27173	1.94677	1.40711	-3.438E-05	-0.0002463	-0.000178	-1.607E-05	-0.0001151	-8.321E-05	-3.173E-05	-0.0002273	-0.0001643
1695	473795.03, 3847349.23	0.36434	2.23542	1.57834	-4.609E-05	-0.0002828	-0.0001997	-2.154E-05	-0.0001322	-9.333E-05	-4.255E-05	-0.0002611	-0.0001843
1696	473795.03, 3847399.23	0.52086	2.84608	1.87942	-6.59E-05	-0.0003601	-0.0002378	-3.08E-05	-0.0001683	-0.0001111	-6.083E-05	-0.0003324	-0.0002195
1697	473845.03, 3846699.23	0.06143	0.85209	0.68772	-7.772E-06	-0.0001078	-8.701E-05	-3.633E-06	-5.039E-05	-4.067E-05	-7.174E-06	-9.951E-05	-8.031E-05
1698	473845.03, 3846749.23	0.06662	0.90346	0.74174	-8.428E-06	-0.0001143	-9.384E-05	-3.94E-06	-5.343E-05	-4.386E-05	-7.78E-06	-0.0001055	-8.662E-05
1699	473845.03, 3846799.23	0.07256	0.96421	0.76836	-9.18E-06	-0.000122	-9.721E-05	-4.291E-06	-5.702E-05	-4.544E-05	-8.474E-06	-0.0001126	-8.973E-05
1700	473845.03, 3846849.23	0.07919	1.02983	0.79542	-1.002E-05	-0.0001303	-0.0001006	-4.683E-06	-6.09E-05	-4.704E-05	-9.248E-06	-0.0001203	-9.289E-05
1701	473845.03, 3846899.23	0.0869	1.10207	0.82515	-1.099E-05	-0.0001394	-0.0001044	-5.139E-06	-6.517E-05	-4.879E-05	-1.015E-05	-0.0001287	-9.636E-05
1702	473845.03, 3846949.23	0.09587	1.17931	0.85699	-1.213E-05	-0.0001492	-0.0001084	-5.669E-06	-6.974E-05	-5.068E-05	-1.12E-05	-0.0001377	-0.0001001
1703	473845.03, 3846999.23	0.10614	1.2573	0.92617	-1.343E-05	-0.0001591	-0.0001172	-6.276E-06	-7.435E-05	-5.477E-05	-1.24E-05	-0.0001468	-0.0001082
1704	473845.03, 3847049.23	0.11833	1.34812	1.01763	-1.497E-05	-0.0001706	-0.0001287	-6.997E-06	-7.972E-05	-6.018E-05	-1.382E-05	-0.0001574	-0.0001188
1705	473845.03, 3847099.23	0.13264	1.43436	1.03995	-1.678E-05	-0.0001815	-0.0001316	-7.844E-06	-8.482E-05	-6.15E-05	-1.549E-05	-0.0001675	-0.0001214
1706	473845.03, 3847149.23	0.15264	1.52951	1.15427	-1.931E-05	-0.0001935	-0.000146	-9.026E-06	-9.045E-05	-6.826E-05	-1.783E-05	-0.0001786	-0.0001348
1707	473845.03, 3847199.23	0.18228	1.64459	1.27932	-2.306E-05	-0.0002081	-0.0001619	-1.078E-05	-9.725E-05	-7.565E-05	-2.129E-05	-0.0001921	-0.0001494
1708	473845.03, 3847249.23	0.22751	1.78832	1.36137	-2.878E-05	-0.0002262	-0.0001722	-1.345E-05	-0.0001058	-8.05E-05	-2.657E-05	-0.0002088	-0.000159
1709	473845.03, 3847299.23	0.28607	1.87468	1.50642	-3.619E-05	-0.0002372	-0.0001906	-1.692E-05	-0.0001109	-8.908E-05	-3.341E-05	-0.0002189	-0.0001759
1710	473845.03, 3847349.23	0.37788	2.01429	1.61877	-4.781E-05	-0.0002548	-0.0002048	-2.235E-05	-0.0001191	-9.572E-05	-4.413E-05	-0.0002352	-0.000189
1711	473845.03, 3847399.23	0.51294	2.3477	1.80685	-6.489E-05	-0.000297	-0.0002286	-3.033E-05	-0.0001388	-0.0001068	-5.99E-05	-0.0002742	-0.000211
1712	473845.03, 3847449.23	0.73588	3.19115	2.25421	-9.31E-05	-0.0004037	-0.0002852	-4.352E-05	-0.0001887	-0.0001333	-8.594E-05	-0.0003727	-0.0002633
1713	473895.03, 3846699.23	0.06254	0.8476	0.65115	-7.912E-06	-0.0001072	-8.238E-05	-3.698E-06	-5.012E-05	-3.851E-05	-7.304E-06	-9.898E-05	-7.604E-05
1714	473895.03, 3846749.23	0.06735	0.87776	0.69458	-8.521E-06	-0.000111	-8.787E-05	-3.983E-06	-5.191E-05	-4.107E-05	-7.865E-06	-0.0001025	-8.111E-05
1715	473895.03, 3846799.23	0.07338	0.92834	0.75132	-9.284E-06	-0.0001174	-9.505E-05	-4.339E-06	-5.49E-05	-4.443E-05	-8.57E-06	-0.0001084	-8.774E-05
1716	473895.03, 3846849.23	0.08032	0.98325	0.78914	-1.016E-05	-0.0001244	-9.984E-05	-4.75E-06	-5.814E-05	-4.667E-05	-9.38E-06	-0.0001148	-9.216E-05
1717	473895.03, 3846899.23	0.08803	1.04641	0.81722	-1.114E-05	-0.0001324	-0.0001034	-5.206E-06	-6.188E-05	-4.833E-05	-1.028E-05	-0.0001222	-9.544E-05
1718	473895.03, 3846949.23	0.09755	1.12144	0.85029	-1.234E-05	-0.0001419	-0.0001076	-5.769E-06	-6.632E-05	-5.028E-05	-1.139E-05	-0.000131	-9.93E-05
1719	473895.03, 3846999.23	0.10894	1.20075	0.8965	-1.378E-05	-0.0001519	-0.0001134	-6.442E-06	-7.101E-05	-5.301E-05	-1.272E-05	-0.0001402	-0.0001047
1720	473895.03, 3847049.23	0.12271	1.27977	0.98589	-1.552E-05	-0.0001619	-0.0001247	-7.256E-06	-7.568E-05	-5.83E-05	-1.433E-05	-0.0001495	-0.0001151
1721	473895.03, 3847099.23	0.13969	1.36314	1.04923	-1.767E-05	-0.0001725	-0.0001327	-8.26E-06	-8.061E-05	-6.205E-05	-1.631E-05	-0.0001592	-0.0001225
1722	473895.03, 3847149.23	0.161	1.4433	1.10689	-2.037E-05	-0.0001826	-0.00014	-9.521E-06	-8.535E-05	-6.545E-05	-1.88E-05	-0.0001686	-0.0001293
1723	473895.03, 3847199.23	0.19053	1.53024	1.22893	-2.41E-05	-0.0001936	-0.0001555	-1.127E-05	-9.049E-05	-7.267E-05	-2.225E-05	-0.0001787	-0.0001435
1724	473895.03, 3847249.23	0.2406	1.69945	1.41305	-3.044E-05	-0.000215	-0.0001788	-1.423E-05	-0.0001005	-8.356E-05	-2.81E-05	-0.0001985	-0.000165
1725	473895.03, 3847299.23	0.30304	1.81125	1.52863	-3.834E-05	-0.0002291	-0.0001934	-1.792E-05	-0.0001071	-9.039E-05	-3.539E-05	-0.0002115	-0.0001785
1726	473895.03, 3847349.23	0.38817	1.90803	1.61772	-4.911E-05	-0.0002414	-0.0002047	-2.295E-05	-0.0001128	-9.566E-05	-4.533E-05	-0.0002228	-0.0001889
1727	473895.03, 3847399.23	0.53587	2.28676	1.88026	-6.779E-05	-0.0002893	-0.0002379	-3.169E-05	-0.0001352	-0.0001112	-6.258E-05	-0.0002671	-0.0002196
1728	473895.03, 3847449.23	0.7548	2.95905	2.39444	-9.549E-05	-0.0003744	-0.0003029	-4.463E-05	-0.000175	-0.0001416	-8.815E-05	-0.0003456	-0.0002796
1729	473945.03, 3846699.23	0.06319	0.86249	0.65658	-7.994E-06	-0.0001091	-8.307E-05	-3.737E-06	-5.1E-05	-3.883E-05	-7.379E-06	-0.0001007	-7.668E-05
1730	473945.03, 3846749.23	0.06844	0.88924	0.67885	-8.659E-06	-0.0001125	-8.588E-05	-4.047E-06	-5.258E-05	-4.014E-05	-7.993E-06	-0.0001038	-7.928E-05
1731	473945.03, 3846799.23	0.07439	0.91662	0.70403	-9.411E-06	-0.000116	-8.907E-05	-4.399E-06	-5.42E-05	-4.163E-05	-8.687E-06	-0.000107	-8.222E-05
1732	473945.03, 3846849.23	0.08117	0.96633	0.75585	-1.027E-05	-0.0001223	-9.563E-05	-4.8E-06	-5.714E-05	-4.47E-05	-9.479E-06	-0.0001129	-8.827E-05
1733	473945.03, 3846899.23	0.08933	1.03678	0.80987	-1.13E-05	-0.0001312	-0.0001025	-5.282E-06	-6.131E-05	-4.789E-05	-1.043E-05	-0.0001211	-9.458E-05
1734	473945.03, 3846949.23	0.09879	1.10421	0.83936	-1.25E-05	-0.0001397	-0.0001062	-5.842E-06	-6.53E-05	-4.963E-05	-1.154E-05	-0.000129	-9.802E-05
1735	473945.03, 3846999.23	0.11059	1.17317	0.9088	-1.399E-05	-0.0001484	-0.000115	-6.54E-06	-6.937E-05	-5.374E-05	-1.291E-05	-0.000137	-0.0001061
1736	473945.03, 3847049.23	0.12625	1.25245	1.01741	-1.597E-05	-0.0001585	-0.0001287	-7.466E-06	-7.406E-05	-6.016E-05	-1.474E-05	-0.0001463	-0.0001188
1737	473945.03, 3847099.23	0.14648	1.38456	1.09172	-1.853E-05	-0.0001752	-0.0001381	-8.662E-06	-8.187E-05	-6.456E-05	-1.711E-05	-0.0001617	-0.0001275
1738	473945.03, 3847149.23	0.1696	1.42739	1.19504	-2.146E-05	-0.0001806	-0.0001512	-1.003E-05	-8.441E-05	-7.067E-05	-1.981E-05	-0.0001667	-0.0001396
1739	473945.03, 3847199.23	0.20237	1.45519	1.27353	-2.56E-05	-0.0001841	-0.0001611	-1.197E-05	-8.605E-05	-7.531E-05	-2.363E-05	-0.0001699	-0.0001487
1740	473945.03, 3847249.23	0.25359	1.59866	1.39665	-3.208E-05	-0.0002023	-0.0001767	-1.5E-05	-9.454E-05	-8.259E-05	-2.961E-05	-0.0001867	-0.0001631
1741	473945.03, 3847299.23	0.31555	1.72038	1.46808	-3.992E-05	-0.0002177	-0.0001857	-1.866E-05	-0.0001017	-8.681E-05	-3.685E-05	-0.0002009	-0.0001714
1742	473945.03, 3847349.23	0.39251	1.92959	1.54686	-4.966E-05	-0.0002441	-0.0001957	-2.321E-05	-0.0001141	-9.147E-05	-4.584E-05	-0.0002253	-0.0001806
1743	473945.03, 3847399.23	0.52717	2.23135	1.78085	-6.669E-05	-0.0002823	-0.0002253	-3.117E-05	-0.0001319	-0.0001053	-6.156E-05	-0.0002606	-0.000208
1744	473945.03, 3847449.23	0.69848	2.45424	2.09971	-8.837E-05	-0.0003105	-0.0002656	-4.13E-05	-0.0001451	-0.0001242	-8.157E-05	-0.0002866	-0.0002452
1745	473995.03, 3846699.23	0.06335	0.85992	0.65158	-8.015E-06	-0.0001088	-8.243E-05	-3.746E-06	-5.085E-05	-3.853E-05	-7.398E-06	-0.0001004	-7.609E-05
1746	473995.03, 3846749.23	0.06899	0.89751	0.67982	-8.728E-06	-0.0001135	-8.601E-05	-4.08E-06	-5.307E-05	-4.02E-05	-8.057E-06	-0.0001048	-7.939E-05
1747	473995.03, 3846799.23	0.0753	0.93219	0.7111	-9.526E-06	-0.0001179	-8.996E-05	-4.453E-06	-5.512E-05	-4.205E-05	-8.794E-06	-0.0001089	-8.304E-05
1748	473995.03, 3846849.23	0.08238	0.96381	0.74813	-1.042E-05	-0.0001219	-9.465E-05	-4.871E-06	-5.699E-05	-4.424E-05	-9.621E-06	-0.0001126	-8.737E-05
1749	473995.03, 3846899.23	0.09065	1.02097	0.79572	-1.147E-05	-0.0001292	-0.0001007	-5.361E-06	-6.037E-05	-4.705E-05	-1.059E-05	-0.0001192	-9.293E-05
1750	473995.03, 3846949.23	0.10076	1.09175	0.83149	-1.275E-05	-0.0001381	-0.0001052	-5.958E-06	-6.456E-05	-4.917E-05	-1.177E-05	-0.0001275	-9.71E-05
1751	473995.03, 3846999.23	0.11331	1.16041	0.88647	-1.434E-05	-0.0001468	-0.0001122	-6.7E-06	-6.862E-05	-5.242E-05	-1.323E-05	-0.0001355	-0.0001035
1752	473995.03, 3847049.23	0.12956	1.27789	0.97207	-1.639E-05	-0.0001617	-0.000123	-7.661E-06	-7.557E-05	-5.748E-05	-1.513E-05	-0.0001492	-0.0001135
1753	473995.03, 3847099.23	0.15195	1.39983	1.05699	-1.922E-05	-0.0001771	-0.0001337	-8.985E-06	-8.278E-05	-6.25E-05	-1.775E-05	-0.0001635	-0.0001234
1754	473995.03, 3847149.23	0.18101	1.48735	1.13739	-2.29E-05	-0.0001882	-0.0001439	-1.07E-05	-8.795E-05	-6.726E-05	-2.114E-05	-0.0001737	-0.0001328
1755	473995.03, 3847199.23	0.21326	1.48492	1.1956	-2.698E-05	-0.0001879	-0.0001513	-1.261E-05	-8.781E-05	-7.07E-05	-2.491E-05	-0.0001734	-0.0001396
1756	473995.03, 3847249.23	0.26672	1.68677	1.30955	-3.374E-05	-0.0002134	-0.0001657	-1.577E-05	-9.975E-05	-7.744E-05	-3.115E-05	-0.000197	-0.0001529
1757	473995.03, 3847299.23	0.32913	1.81798	1.38841	-4.164E-05	-0.00023	-0.0001757	-1.946E-05	-0.0001075	-8.21E-05	-3.844E-05	-0.0002123	-0.0001621
1758	473995.03, 3847349.23	0.39621	1.9419	1.42234	-5.013E-05	-0.0002457	-0.0001799	-2.343E-05	-0.0001148	-8.411E-05	-4.627E-05	-0.0002268	-0.0001661
1759	473995.03, 3847399.23	0.50687	2.09135	1.60548	-6.413E-05	-0.0002646	-0.0002031	-2.997E-05	-0.0001237	-9.494E-05	-5.919E-05	-0.0002442	-0.0001875
1760	473995.03, 3847449.23	0.65727	2.27788	1.87702	-8.315E-05	-0.0002882	-0.0002375	-3.887E-05	-0.0001347	-0.000111	-7.676E-05	-0.000266	-0.0002192
1761	474045.03, 3846699.23	0.06383	0.85146	0.64982	-8.075E-06	-0.0001077	-8.221E-05	-3.775E-06	-5.035E-05	-3.843E-05	-7.454E-06	-9.944E-05	-7.589E-05
1762	474045.03, 3846749.23	0.06942	0.89228	0.67862	-8.783E-06	-0.0001129	-8.585E-05	-4.105E-06	-5.276E-05	-4.013E-05	-8.107E-06	-0.0001042	-7.925E-05
1763	474045.03, 3846799.23	0.07559	0.92782	0.7113	-9.563E-06	-0.0001174	-8.999E-05	-4.47E-06	-5.487E-05	-4.206E-05	-8.828E-06	-0.0001084	-8.307E-05
1764	474045.03, 3846849.23	0.08275	0.96498	0.75308	-1.047E-05	-0.0001221	-9.527E-05	-4.893E-06	-5.706E-05	-4.453E-05	-9.664E-06	-0.0001127	-8.795E-05
1765	474045.03, 3846899.23	0.09173	1.0245	0.78868	-1.161E-05	-0.0001296	-9.978E-05	-5.424E-06	-6.058E-05	-4.664E-05	-1.071E-05	-0.0001196	-9.21E-05
1766	474045.03, 3846949.23	0.10318	1.12434	0.82285	-1.305E-05	-0.0001422	-0.0001041	-6.101E-06	-6.649E-05	-4.866E-05	-1.205E-05	-0.0001313	-9.609E-05

1767	474045.03, 3846999.23	0.11705	1.24264	0.87934	-1.481E-05	-0.0001572	-0.0001112	-6.922E-06	-7.348E-05	-5.2E-05	-1.367E-05	-0.0001451	-0.0001027
1768	474045.03, 3847049.23	0.13533	1.35996	1.02494	-1.712E-05	-0.0001721	-0.0001297	-8.003E-06	-8.042E-05	-6.061E-05	-1.58E-05	-0.0001588	-0.0001197
1769	474045.03, 3847099.23	0.15751	1.41761	1.0555	-1.993E-05	-0.0001793	-0.0001335	-9.314E-06	-8.383E-05	-6.242E-05	-1.839E-05	-0.0001656	-0.0001233
1770	474045.03, 3847149.23	0.1892	1.49773	1.09697	-2.394E-05	-0.0001895	-0.0001388	-1.119E-05	-8.857E-05	-6.487E-05	-2.21E-05	-0.0001749	-0.0001281
1771	474045.03, 3847199.23	0.22913	1.64163	1.21842	-2.899E-05	-0.0002077	-0.0001541	-1.355E-05	-9.708E-05	-7.205E-05	-2.676E-05	-0.0001917	-0.0001423
1772	474045.03, 3847249.23	0.27981	1.76293	1.31931	-3.54E-05	-0.000223	-0.0001669	-1.655E-05	-0.0001042	-7.802E-05	-3.268E-05	-0.0002059	-0.0001541
1773	474045.03, 3847299.23	0.3458	1.94261	1.41537	-4.375E-05	-0.0002458	-0.0001791	-2.045E-05	-0.0001149	-8.37E-05	-4.038E-05	-0.0002269	-0.0001653
1774	474045.03, 3847349.23	0.41925	2.09639	1.50373	-5.304E-05	-0.0002652	-0.0001902	-2.479E-05	-0.000124	-8.892E-05	-4.896E-05	-0.0002448	-0.0001756
1775	474045.03, 3847399.23	0.51609	2.14443	1.62902	-6.529E-05	-0.0002713	-0.0002061	-3.052E-05	-0.0001268	-9.633E-05	-6.027E-05	-0.0002504	-0.0001902
1776	474045.03, 3847449.23	0.6556	2.30792	1.84699	-8.294E-05	-0.000292	-0.0002337	-3.877E-05	-0.0001365	-0.0001092	-7.656E-05	-0.0002695	-0.0002157
1777	474095.03, 3846699.23	0.06476	0.83471	0.63765	-8.193E-06	-0.0001056	-8.067E-05	-3.83E-06	-4.936E-05	-3.771E-05	-7.563E-06	-9.748E-05	-7.447E-05
1778	474095.03, 3846749.23	0.07035	0.88005	0.6875	-8.9E-06	-0.0001113	-8.698E-05	-4.16E-06	-5.204E-05	-4.065E-05	-8.216E-06	-0.0001028	-8.029E-05
1779	474095.03, 3846799.23	0.07659	0.92298	0.71799	-9.69E-06	-0.0001168	-9.084E-05	-4.529E-06	-5.458E-05	-4.246E-05	-8.944E-06	-0.0001078	-8.385E-05
1780	474095.03, 3846849.23	0.08394	0.97484	0.74491	-1.062E-05	-0.0001233	-9.424E-05	-4.964E-06	-5.765E-05	-4.405E-05	-9.803E-06	-0.0001138	-8.699E-05
1781	474095.03, 3846899.23	0.0933	1.05904	0.77536	-1.18E-05	-0.000134	-9.809E-05	-5.517E-06	-6.263E-05	-4.585E-05	-1.09E-05	-0.0001237	-9.055E-05
1782	474095.03, 3846949.23	0.10524	1.1787	0.80822	-1.331E-05	-0.0001491	-0.0001023	-6.223E-06	-6.97E-05	-4.779E-05	-1.229E-05	-0.0001377	-9.439E-05
1783	474095.03, 3846999.23	0.12052	1.30578	0.94754	-1.525E-05	-0.0001652	-0.0001199	-7.127E-06	-7.722E-05	-5.603E-05	-1.407E-05	-0.0001525	-0.0001107
1784	474095.03, 3847049.23	0.13981	1.40254	1.02376	-1.769E-05	-0.0001774	-0.0001295	-8.268E-06	-8.294E-05	-6.054E-05	-1.633E-05	-0.0001638	-0.0001196
1785	474095.03, 3847099.23	0.16433	1.46383	1.05868	-2.079E-05	-0.0001852	-0.0001339	-9.718E-06	-8.656E-05	-6.26E-05	-1.919E-05	-0.0001709	-0.0001236
1786	474095.03, 3847149.23	0.19665	1.51628	1.10268	-2.488E-05	-0.0001918	-0.0001395	-1.163E-05	-8.966E-05	-6.521E-05	-2.297E-05	-0.0001771	-0.0001288
1787	474095.03, 3847199.23	0.23935	1.71688	1.26686	-3.028E-05	-0.0002172	-0.0001603	-1.415E-05	-0.0001015	-7.491E-05	-2.795E-05	-0.0002005	-0.0001479
1788	474095.03, 3847249.23	0.29273	1.83182	1.35273	-3.703E-05	-0.0002318	-0.0001711	-1.731E-05	-0.0001083	-7.999E-05	-3.419E-05	-0.0002139	-0.000158
1789	474095.03, 3847299.23	0.35732	2.01376	1.44043	-4.521E-05	-0.0002548	-0.0001822	-2.113E-05	-0.0001191	-8.518E-05	-4.173E-05	-0.0002352	-0.0001682
1790	474095.03, 3847349.23	0.42852	2.13269	1.52318	-5.421E-05	-0.0002698	-0.0001927	-2.534E-05	-0.0001261	-9.007E-05	-5.004E-05	-0.0002491	-0.0001779
1791	474095.03, 3847399.23	0.50908	2.08608	1.59904	-6.441E-05	-0.0002639	-0.0002023	-3.01E-05	-0.0001234	-9.456E-05	-5.945E-05	-0.0002436	-0.0001867
1792	474095.03, 3847449.23	0.65922	2.36669	1.87295	-8.34E-05	-0.0002994	-0.000237	-3.898E-05	-0.00014	-0.0001108	-7.699E-05	-0.0002764	-0.0002187
1793	474145.03, 3846699.23	0.06577	0.82853	0.6262	-8.321E-06	-0.0001048	-7.922E-05	-3.889E-06	-4.899E-05	-3.703E-05	-7.681E-06	-9.676E-05	-7.313E-05
1794	474145.03, 3846749.23	0.07141	0.85174	0.67898	-9.034E-06	-0.0001078	-8.59E-05	-4.223E-06	-5.037E-05	-4.015E-05	-8.339E-06	-9.947E-05	-7.929E-05
1795	474145.03, 3846799.23	0.07802	0.91013	0.70586	-9.871E-06	-0.0001151	-8.93E-05	-4.614E-06	-5.382E-05	-4.174E-05	-9.111E-06	-0.0001063	-8.243E-05
1796	474145.03, 3846849.23	0.086	0.99056	0.73449	-1.088E-05	-0.0001253	-9.292E-05	-5.086E-06	-5.858E-05	-4.343E-05	-1.004E-05	-0.0001157	-8.578E-05
1797	474145.03, 3846899.23	0.09605	1.10575	0.77477	-1.215E-05	-0.0001399	-9.802E-05	-5.68E-06	-6.539E-05	-4.582E-05	-1.122E-05	-0.0001291	-9.048E-05
1798	474145.03, 3846949.23	0.10791	1.2223	0.84735	-1.365E-05	-0.0001546	-0.0001072	-6.381E-06	-7.228E-05	-5.011E-05	-1.26E-05	-0.0001427	-9.896E-05
1799	474145.03, 3846999.23	0.12368	1.33369	0.92188	-1.565E-05	-0.0001687	-0.0001166	-7.314E-06	-7.887E-05	-5.451E-05	-1.444E-05	-0.0001558	-0.0001077
1800	474145.03, 3847049.23	0.14434	1.42567	0.98502	-1.826E-05	-0.0001804	-0.0001246	-8.535E-06	-8.431E-05	-5.825E-05	-1.686E-05	-0.0001665	-0.000115
1801	474145.03, 3847099.23	0.17023	1.48756	1.05174	-2.154E-05	-0.0001882	-0.0001331	-1.007E-05	-8.797E-05	-6.219E-05	-1.988E-05	-0.0001737	-0.0001228
1802	474145.03, 3847149.23	0.20412	1.56556	1.12608	-2.582E-05	-0.0001981	-0.0001425	-1.207E-05	-9.258E-05	-6.659E-05	-2.384E-05	-0.0001828	-0.0001315
1803	474145.03, 3847199.23	0.24746	1.75242	1.20627	-3.131E-05	-0.0002217	-0.0001526	-1.463E-05	-0.0001036	-7.133E-05	-2.89E-05	-0.0002047	-0.0001409
1804	474145.03, 3847249.23	0.30595	1.90426	1.32823	-3.871E-05	-0.0002409	-0.000168	-1.809E-05	-0.0001126	-7.854E-05	-3.573E-05	-0.0002224	-0.0001551
1805	474145.03, 3847299.23	0.37402	2.12651	1.48904	-4.732E-05	-0.000269	-0.0001884	-2.212E-05	-0.0001257	-8.805E-05	-4.368E-05	-0.0002483	-0.0001739
1806	474145.03, 3847349.23	0.44668	2.23164	1.57611	-5.651E-05	-0.0002823	-0.0001994	-2.641E-05	-0.000132	-9.32E-05	-5.216E-05	-0.0002606	-0.0001841
1807	474145.03, 3847399.23	0.52841	2.19843	1.68773	-6.685E-05	-0.0002781	-0.0002135	-3.125E-05	-0.00013	-9.98E-05	-6.171E-05	-0.0002567	-0.0001971
1808	474145.03, 3847449.23	0.65833	2.39133	1.87908	-8.329E-05	-0.0003025	-0.0002377	-3.893E-05	-0.0001414	-0.0001111	-7.688E-05	-0.0002793	-0.0002194
1809	474195.03, 3846699.23	0.06623	0.82495	0.5976	-8.379E-06	-0.0001044	-7.56E-05	-3.916E-06	-4.878E-05	-3.534E-05	-7.735E-06	-9.634E-05	-6.979E-05
1810	474195.03, 3846749.23	0.07186	0.84607	0.65006	-9.091E-06	-0.000107	-8.224E-05	-4.249E-06	-5.003E-05	-3.844E-05	-8.392E-06	-9.881E-05	-7.592E-05
1811	474195.03, 3846799.23	0.07779	0.86352	0.6795	-9.842E-06	-0.0001092	-8.597E-05	-4.6E-06	-5.106E-05	-4.018E-05	-9.085E-06	-0.0001008	-7.935E-05
1812	474195.03, 3846849.23	0.08438	0.92633	0.69618	-1.068E-05	-0.0001172	-8.808E-05	-4.99E-06	-5.478E-05	-4.117E-05	-9.854E-06	-0.0001082	-8.13E-05
1813	474195.03, 3846899.23	0.09589	1.07349	0.73783	-1.213E-05	-0.0001358	-9.335E-05	-5.67E-06	-6.348E-05	-4.363E-05	-1.12E-05	-0.0001254	-8.617E-05
1814	474195.03, 3846949.23	0.10925	1.20361	0.82458	-1.382E-05	-0.0001523	-0.0001043	-6.46E-06	-7.117E-05	-4.876E-05	-1.276E-05	-0.0001406	-9.63E-05
1815	474195.03, 3846999.23	0.12682	1.32499	0.87798	-1.604E-05	-0.0001676	-0.0001111	-7.499E-06	-7.835E-05	-5.192E-05	-1.481E-05	-0.0001547	-0.0001025
1816	474195.03, 3847049.23	0.14749	1.3988	0.93081	-1.866E-05	-0.000177	-0.0001178	-8.722E-06	-8.272E-05	-5.504E-05	-1.722E-05	-0.0001634	-0.0001087
1817	474195.03, 3847099.23	0.17373	1.45796	1.00302	-2.198E-05	-0.0001845	-0.0001269	-1.027E-05	-8.622E-05	-5.931E-05	-2.029E-05	-0.0001703	-0.0001171
1818	474195.03, 3847149.23	0.20705	1.55161	1.07578	-2.619E-05	-0.0001963	-0.0001361	-1.224E-05	-9.175E-05	-6.362E-05	-2.418E-05	-0.0001812	-0.0001256
1819	474195.03, 3847199.23	0.25096	1.71675	1.15645	-3.175E-05	-0.0002172	-0.0001463	-1.484E-05	-0.0001015	-6.839E-05	-2.931E-05	-0.0002005	-0.0001351
1820	474195.03, 3847249.23	0.31087	1.87511	1.33224	-3.933E-05	-0.0002372	-0.0001685	-1.838E-05	-0.0001109	-7.878E-05	-3.63E-05	-0.000219	-0.0001556
1821	474195.03, 3847299.23	0.38639	2.20116	1.48562	-4.888E-05	-0.0002785	-0.000188	-2.285E-05	-0.0001302	-8.785E-05	-4.512E-05	-0.0002571	-0.0001735
1822	474195.03, 3847349.23	0.4671	2.35076	1.64577	-5.909E-05	-0.0002974	-0.0002082	-2.762E-05	-0.000139	-9.732E-05	-5.455E-05	-0.0002745	-0.0001922
1823	474195.03, 3847399.23	0.55083	2.32942	1.78982	-6.969E-05	-0.0002947	-0.0002264	-3.257E-05	-0.0001377	-0.0001058	-6.433E-05	-0.000272	-0.000209
1824	474195.03, 3847449.23	0.66299	2.43925	1.92459	-8.388E-05	-0.0003086	-0.0002435	-3.921E-05	-0.0001442	-0.0001138	-7.743E-05	-0.0002849	-0.0002248
1825	474245.03, 3847049.23	0.14877	1.31455	0.87404	-1.882E-05	-0.0001663	-0.0001106	-8.797E-06	-7.773E-05	-5.169E-05	-1.737E-05	-0.0001535	-0.0001021
1826	474245.03, 3847099.23	0.17506	1.37526	0.9456	-2.215E-05	-0.000174	-0.0001196	-1.035E-05	-8.132E-05	-5.592E-05	-2.044E-05	-0.0001606	-0.0001104
1827	474245.03, 3847149.23	0.21312	1.57669	1.03218	-2.696E-05	-0.0001995	-0.0001306	-1.26E-05	-9.324E-05	-6.104E-05	-2.489E-05	-0.0001841	-0.0001205
1828	474245.03, 3847199.23	0.25876	1.73705	1.19957	-3.274E-05	-0.0002198	-0.0001518	-1.53E-05	-0.0001027	-7.094E-05	-3.022E-05	-0.0002029	-0.0001401
1829	474245.03, 3847249.23	0.31619	1.87835	1.34578	-4E-05	-0.0002376	-0.0001703	-1.87E-05	-0.0001111	-7.958E-05	-3.693E-05	-0.0002194	-0.0001572
1830	474245.03, 3847299.23	0.39277	2.22002	1.50711	-4.969E-05	-0.0002809	-0.0001907	-2.323E-05	-0.0001313	-8.912E-05	-4.587E-05	-0.0002593	-0.000176
1831	474245.03, 3847349.23	0.48139	2.42458	1.69972	-6.09E-05	-0.0003067	-0.000215	-2.847E-05	-0.0001434	-0.0001005	-5.622E-05	-0.0002831	-0.0001985
1832	474245.03, 3847399.23	0.57552	2.48706	1.91809	-7.281E-05	-0.0003146	-0.0002427	-3.403E-05	-0.0001471	-0.0001134	-6.721E-05	-0.0002904	-0.000224
1833	474245.03, 3847449.23	0.67635	2.54028	2.01509	-8.557E-05	-0.0003214	-0.0002549	-4E-05	-0.0001502	-0.0001192	-7.899E-05	-0.0002967	-0.0002353
1834	474659.97, 3847690.24	1.13767	4.56647	3.5261	-0.0001439	-0.0005777	-0.0004461	-6.728E-05	-0.00027	-0.0002085	-0.0001329	-0.0005333	-0.0004118
1835	474659.97, 3847740.24	1.28617	5.00076	4.08014	-0.0001627	-0.0006327	-0.0005162	-7.606E-05	-0.0002957	-0.0002413	-0.0001502	-0.000584	-0.0004765
1836	474709.97, 3847640.24	0.92605	3.65308	2.76612	-0.0001172	-0.0004622	-0.00035	-5.476E-05	-0.000216	-0.0001636	-0.0001081	-0.0004266	-0.0003323
1837	474709.97, 3847690.24	1.05662	4.13723	3.22656	-0.0001337	-0.0005234	-0.0004082	-6.248E-05	-0.0002447	-0.0001908	-0.0001234	-0.0004832	-0.0003768
1838	474709.97, 3847740.24	1.20546	4.64415	3.7667	-0.0001525	-0.0005875	-0.0004765	-7.128E-05	-0.0002746	-0.0002227	-0.0001408	-0.0005424	-0.0004399
1839	474759.97, 3847540.24	0.73193	2.8695	2.28843	-9.26E-05	-0.000363	-0.0002895	-4.328E-05	-0.0001697	-0.0001353	-8.548E-05	-0.0003351	-0.0002672
1840	474759.97, 3847590.24	0.78917	3.07973	2.35874	-9.984E-05	-0.0003896	-0.0002984	-4.667E-05	-0.0001821	-0.0001395	-9.216E-05	-0.0003597	-0.0002755
1841	474759.97, 3847640.24	0.86465	3.3051	2.55056	-0.0001094	-0.0004181	-0.0003227	-5.113E-05	-0.0001954	-0.0001508	-0.000101	-0.000386	-0.0002979
1842	474759.97, 3847690.24	0.98363	3.74997	2.95279	-0.0001244	-0.0004744	-0.0003736	-5.817E-05	-0.0002218	-0.0001746	-0.0001149	-0.0004379	-0.0003448
1843	474759.97, 3847740.24	1.12934	4.29311	3.47347	-0.0001429	-0.0005431	-0.0004394	-6.678E-05	-0.0002539	-0.0002054	-0.0001319	-0.0005014	-0.0004056

1844	474759.97, 3847790.24	1.27986	4.78887	4.05954	-0.0001619	-0.0006059	-0.0005136	-7.568E-05	-0.0002832	-0.0002401	-0.0001495	-0.0005593	-0.0004741
1845	474809.97, 3847490.24	0.6313	2.32294	2.04325	-7.987E-05	-0.0002939	-0.0002585	-3.733E-05	-0.0001374	-0.0001208	-7.372E-05	-0.0002713	-0.0002386
1846	474809.97, 3847540.24	0.70116	2.7137	2.18995	-8.871E-05	-0.0003433	-0.0002771	-4.146E-05	-0.0001605	-0.0001295	-8.188E-05	-0.0003169	-0.0002557
1847	474809.97, 3847590.24	0.75694	2.93215	2.24567	-9.576E-05	-0.000371	-0.0002841	-4.476E-05	-0.0001734	-0.0001328	-8.84E-05	-0.0003424	-0.0002623
1848	474809.97, 3847640.24	0.82868	3.16253	2.45446	-0.0001048	-0.0004001	-0.0003105	-4.9E-05	-0.000187	-0.0001451	-9.678E-05	-0.0003693	-0.0002866
1849	474809.97, 3847690.24	0.93352	3.53385	2.78012	-0.0001181	-0.0004471	-0.0003517	-5.52E-05	-0.000209	-0.0001644	-0.000109	-0.0004127	-0.0003247
1850	474809.97, 3847740.24	1.06795	4.0376	3.23588	-0.0001351	-0.0005108	-0.0004094	-6.315E-05	-0.0002388	-0.0001914	-0.0001247	-0.0004715	-0.0003779
1851	474809.97, 3847790.24	1.21679	4.58143	3.8426	-0.0001539	-0.0005796	-0.0004861	-7.195E-05	-0.0002709	-0.0002272	-0.0001421	-0.000535	-0.0004487
1852	474809.97, 3847840.24	1.37426	5.14089	4.47261	-0.0001739	-0.0006504	-0.0005658	-8.127E-05	-0.000304	-0.0002645	-0.0001605	-0.0006004	-0.0005223
1853	474859.97, 3847440.24	0.54351	2.05341	1.78326	-6.876E-05	-0.0002598	-0.0002256	-3.214E-05	-0.0001214	-0.0001055	-6.347E-05	-0.0002398	-0.0002083
1854	474859.97, 3847490.24	0.60841	2.21609	1.96287	-7.697E-05	-0.0002804	-0.0002483	-3.598E-05	-0.000131	-0.0001161	-7.105E-05	-0.0002588	-0.0002292
1855	474859.97, 3847540.24	0.67423	2.58342	2.10262	-8.53E-05	-0.0003268	-0.000266	-3.987E-05	-0.0001528	-0.0001243	-7.874E-05	-0.0003017	-0.0002455
1856	474859.97, 3847590.24	0.73681	2.88217	2.19276	-9.322E-05	-0.0003646	-0.0002774	-4.357E-05	-0.0001704	-0.0001297	-8.605E-05	-0.0003366	-0.0002561
1857	474859.97, 3847640.24	0.80079	3.07781	2.39104	-0.0001013	-0.0003894	-0.0003025	-4.735E-05	-0.000182	-0.0001414	-9.352E-05	-0.0003594	-0.0002792
1858	474859.97, 3847690.24	0.89846	3.42869	2.67931	-0.0001137	-0.0004338	-0.000339	-5.313E-05	-0.0002028	-0.0001584	-0.0001049	-0.0004004	-0.0003129
1859	474859.97, 3847740.24	1.01726	3.84915	3.04243	-0.0001287	-0.000487	-0.0003849	-6.015E-05	-0.0002276	-0.0001799	-0.0001188	-0.0004495	-0.0003553
1860	474859.97, 3847790.24	1.15902	4.39176	3.64405	-0.0001466	-0.0005556	-0.000461	-6.854E-05	-0.0002597	-0.0002155	-0.0001354	-0.0005129	-0.0004256
1861	474859.97, 3847840.24	1.31266	4.97994	4.26216	-0.0001661	-0.00063	-0.0005392	-7.762E-05	-0.0002945	-0.000252	-0.0001533	-0.0005816	-0.0004977
1862	474859.97, 3847890.24	1.46315	5.47975	4.93948	-0.0001851	-0.0006933	-0.0006249	-8.652E-05	-0.000324	-0.0002921	-0.0001709	-0.0006399	-0.0005768
1863	474909.97, 3847440.24	0.52401	1.93432	1.69135	-6.629E-05	-0.0002447	-0.000214	-3.099E-05	-0.0001144	-0.0001	-6.12E-05	-0.0002259	-0.0001975
1864	474909.97, 3847490.24	0.58859	2.13808	1.88672	-7.446E-05	-0.0002705	-0.0002387	-3.481E-05	-0.0001264	-0.0001116	-6.874E-05	-0.0002497	-0.0002203
1865	474909.97, 3847540.24	0.64345	2.41361	1.96978	-8.141E-05	-0.0003054	-0.0002492	-3.805E-05	-0.0001427	-0.0001165	-7.514E-05	-0.0002819	-0.00023
1866	474909.97, 3847590.24	0.70474	2.71905	2.07516	-8.916E-05	-0.000344	-0.0002625	-4.167E-05	-0.0001608	-0.0001227	-8.23E-05	-0.0003175	-0.0002423
1867	474909.97, 3847640.24	0.77867	3.03234	2.35211	-9.851E-05	-0.0003836	-0.0002976	-4.605E-05	-0.0001793	-0.0001391	-9.094E-05	-0.0003541	-0.0002747
1868	474909.97, 3847690.24	0.87004	3.36633	2.6081	-0.0001101	-0.0004259	-0.00033	-5.145E-05	-0.0001991	-0.0001542	-0.0001016	-0.0003931	-0.0003046
1869	474909.97, 3847740.24	0.9765	3.72606	2.9177	-0.0001235	-0.0004714	-0.0003691	-5.774E-05	-0.0002203	-0.0001725	-0.000114	-0.0004351	-0.0003407
1870	474909.97, 3847790.24	1.10706	4.22688	3.47386	-0.0001401	-0.0005348	-0.0004395	-6.546E-05	-0.00025	-0.0002054	-0.0001293	-0.0004936	-0.0004057
1871	474909.97, 3847840.24	1.25007	4.78126	4.03952	-0.0001582	-0.0006049	-0.0005111	-7.392E-05	-0.0002827	-0.0002389	-0.000146	-0.0005584	-0.0004717
1872	474909.97, 3847890.24	1.39224	5.2628	4.70966	-0.0001761	-0.0006658	-0.0005958	-8.233E-05	-0.0003112	-0.0002785	-0.0001626	-0.0006146	-0.00055
1873	474909.97, 3847940.24	1.5294	5.78099	5.22346	-0.0001935	-0.0007314	-0.0006608	-9.044E-05	-0.0003419	-0.0003089	-0.0001786	-0.0006751	-0.00061
1874	474959.97, 3847490.24	0.56815	2.05462	1.79646	-7.188E-05	-0.0002599	-0.0002273	-3.36E-05	-0.0001215	-0.0001062	-6.635E-05	-0.0002399	-0.0002098
1875	474959.97, 3847540.24	0.62152	2.31386	1.89606	-7.863E-05	-0.0002927	-0.0002399	-3.675E-05	-0.0001368	-0.0001121	-7.258E-05	-0.0002702	-0.0002214
1876	474959.97, 3847590.24	0.68291	2.63812	2.01868	-8.64E-05	-0.0003338	-0.0002554	-4.038E-05	-0.000156	-0.0001194	-7.975E-05	-0.0003081	-0.0002357
1877	474959.97, 3847640.24	0.76283	3.03286	2.34567	-9.651E-05	-0.0003837	-0.0002968	-4.511E-05	-0.0001793	-0.0001387	-8.909E-05	-0.0003542	-0.0002739
1878	474959.97, 3847690.24	0.85214	3.38439	2.59976	-0.0001078	-0.0004282	-0.0003289	-5.039E-05	-0.0002001	-0.0001537	-9.952E-05	-0.0003952	-0.0003036
1879	474959.97, 3847740.24	0.93806	3.60648	2.8233	-0.0001187	-0.0004563	-0.0003572	-5.547E-05	-0.0002133	-0.000167	-0.0001095	-0.0004212	-0.0003297
1880	474959.97, 3847790.24	1.06907	4.15862	3.38522	-0.0001353	-0.0005261	-0.0004283	-6.322E-05	-0.0002459	-0.0002002	-0.0001248	-0.0004857	-0.0003953
1881	474959.97, 3847840.24	1.19691	4.63259	3.85364	-0.0001514	-0.0005861	-0.0004875	-7.078E-05	-0.0002739	-0.0002279	-0.0001398	-0.000541	-0.00045
1882	474959.97, 3847890.24	1.32463	5.04829	4.46272	-0.0001676	-0.0006387	-0.0005646	-7.833E-05	-0.0002985	-0.0002639	-0.0001547	-0.0005896	-0.0005212
1883	474959.97, 3847940.24	1.45572	5.53384	5.00736	-0.0001842	-0.0007001	-0.0006335	-8.608E-05	-0.0003272	-0.0002961	-0.00017	-0.0006463	-0.0005848
1884	474959.97, 3847990.24	1.59483	6.10326	5.5245	-0.0002018	-0.0007721	-0.0006989	-9.431E-05	-0.0003609	-0.0003267	-0.0001862	-0.0007128	-0.0006452
1885	475009.97, 3847540.24	0.62064	2.39264	1.91739	-7.852E-05	-0.0003027	-0.0002426	-3.67E-05	-0.0001415	-0.0001134	-7.248E-05	-0.0002794	-0.0002239
1886	475009.97, 3847590.24	0.67604	2.68389	2.01921	-8.553E-05	-0.0003395	-0.0002555	-3.998E-05	-0.0001587	-0.0001194	-7.895E-05	-0.0003134	-0.0002358
1887	475009.97, 3847640.24	0.74596	3.01523	2.31522	-9.437E-05	-0.0003815	-0.0002929	-4.411E-05	-0.0001783	-0.0001369	-8.712E-05	-0.0003521	-0.0002704
1888	475009.97, 3847690.24	0.82743	3.33128	2.54308	-0.0001047	-0.0004215	-0.0003217	-4.893E-05	-0.000197	-0.0001504	-9.663E-05	-0.000389	-0.000297
1889	475009.97, 3847740.24	0.92473	3.69268	2.85268	-0.000117	-0.0004672	-0.0003609	-5.468E-05	-0.0002184	-0.0001687	-0.000108	-0.0004312	-0.0003331
1890	475009.97, 3847790.24	1.03131	4.07378	3.29185	-0.0001305	-0.0005154	-0.0004165	-6.099E-05	-0.0002409	-0.0001947	-0.0001204	-0.0004757	-0.0003844
1891	475009.97, 3847840.24	1.14227	4.44666	3.66843	-0.0001445	-0.0005626	-0.0004641	-6.755E-05	-0.0002629	-0.0002169	-0.0001334	-0.0005193	-0.0004284
1892	475009.97, 3847890.24	1.25952	4.82345	4.20961	-0.0001593	-0.0006102	-0.0005326	-7.448E-05	-0.0002852	-0.0002489	-0.0001471	-0.0005633	-0.0004916
1893	475009.97, 3847940.24	1.38344	5.27437	4.78118	-0.000175	-0.0006673	-0.0006049	-8.181E-05	-0.0003119	-0.0002827	-0.0001616	-0.000616	-0.0005584
1894	475009.97, 3847990.24	1.51207	5.76227	5.25557	-0.0001913	-0.000729	-0.0006649	-8.941E-05	-0.0003407	-0.0003108	-0.0001766	-0.0006729	-0.0006138
1895	475059.97, 3847590.24	0.67151	2.74591	2.03163	-8.496E-05	-0.0003474	-0.000257	-3.971E-05	-0.0001624	-0.0001201	-7.842E-05	-0.0003207	-0.0002373
1896	475059.97, 3847640.24	0.72857	2.98432	2.26596	-9.217E-05	-0.0003776	-0.0002867	-4.308E-05	-0.0001765	-0.000134	-8.508E-05	-0.0003485	-0.0002646
1897	475059.97, 3847690.24	0.79706	3.21551	2.44283	-0.0001008	-0.0004068	-0.0003091	-4.713E-05	-0.0001901	-0.0001445	-9.308E-05	-0.0003755	-0.0002853
1898	475059.97, 3847740.24	0.87983	3.48576	2.70946	-0.0001113	-0.000441	-0.0003428	-5.203E-05	-0.0002061	-0.0001602	-0.0001027	-0.0004071	-0.0003164
1899	475059.97, 3847790.24	0.97454	3.80477	3.06333	-0.0001233	-0.0004814	-0.0003876	-5.763E-05	-0.000225	-0.0001811	-0.0001138	-0.0004443	-0.0003577
1900	475059.97, 3847840.24	1.07878	4.16161	3.42211	-0.0001365	-0.0005265	-0.0004329	-6.379E-05	-0.0002461	-0.0002024	-0.000126	-0.000486	-0.0003996
1901	475059.97, 3847890.24	1.18331	4.47895	3.89249	-0.0001497	-0.0005666	-0.0004925	-6.997E-05	-0.0002649	-0.0002302	-0.0001382	-0.0005231	-0.0004546
1902	475059.97, 3847940.24	1.30878	4.97674	4.53106	-0.0001656	-0.0006296	-0.0005732	-7.739E-05	-0.0002943	-0.0002679	-0.0001528	-0.0005812	-0.0005291
1903	475059.97, 3847990.24	1.43074	5.47116	4.95855	-0.000181	-0.0006922	-0.0006273	-8.461E-05	-0.0003235	-0.0002932	-0.0001671	-0.0006389	-0.0005791
1904	475059.97, 3848040.24	1.54822	5.94454	5.31943	-0.0001959	-0.0007521	-0.000673	-9.155E-05	-0.0003515	-0.0003146	-0.0001808	-0.0006942	-0.0006212
1905	475109.97, 3847640.24	0.72853	3.10684	2.30876	-9.217E-05	-0.0003931	-0.0002921	-4.308E-05	-0.0001837	-0.0001365	-8.508E-05	-0.0003628	-0.0002696
1906	475109.97, 3847690.24	0.77527	3.16677	2.39001	-9.808E-05	-0.0004006	-0.0003024	-4.584E-05	-0.0001873	-0.0001413	-9.054E-05	-0.0003698	-0.0002791
1907	475109.97, 3847740.24	0.84473	3.35083	2.61001	-0.0001069	-0.0004239	-0.0003302	-4.995E-05	-0.0001981	-0.0001543	-9.865E-05	-0.0003913	-0.0003048
1908	475109.97, 3847790.24	0.94885	3.78806	3.02732	-0.00012	-0.0004792	-0.000383	-5.611E-05	-0.000224	-0.000179	-0.0001108	-0.0004424	-0.0003535
1909	475109.97, 3847840.24	1.0626	4.25978	3.46551	-0.0001344	-0.0005389	-0.0004384	-6.284E-05	-0.0002519	-0.0002049	-0.0001241	-0.0004975	-0.0004047
1910	475109.97, 3847890.24	1.17059	4.63786	3.94204	-0.0001481	-0.0005868	-0.0004987	-6.922E-05	-0.0002743	-0.0002331	-0.0001367	-0.0005416	-0.0004604
1911	475109.97, 3847940.24	1.27891	4.9895	4.45767	-0.0001618	-0.0006312	-0.000564	-7.563E-05	-0.000295	-0.0002636	-0.0001494	-0.0005827	-0.0005206
1912	475109.97, 3847990.24	1.38929	5.44559	4.87142	-0.0001758	-0.0006889	-0.0006163	-8.215E-05	-0.000322	-0.0002881	-0.0001622	-0.000636	-0.0005689
1913	475109.97, 3848040.24	1.49805	5.79531	5.25036	-0.0001895	-0.0007332	-0.0006642	-8.859E-05	-0.0003427	-0.0003105	-0.0001749	-0.0006768	-0.0006132
1914	475109.97, 3848090.24	1.61429	6.42402	5.51539	-0.0002042	-0.0008127	-0.0006978	-9.546E-05	-0.0003799	-0.0003261	-0.0001885	-0.0007502	-0.0006441
1915	475159.97, 3847690.24	0.78807	3.43167	2.54081	-9.97E-05	-0.0004342	-0.0003214	-4.66E-05	-0.0002029	-0.0001502	-9.203E-05	-0.0004008	-0.0002967
1916	475159.97, 3847740.24	0.84761	3.54949	2.70873	-0.0001072	-0.0004491	-0.0003427	-5.012E-05	-0.0002099	-0.0001602	-9.899E-05	-0.0004145	-0.0003163
1917	475159.97, 3847790.24	0.93691	3.88061	3.008	-0.0001185	-0.000491	-0.0003806	-5.54E-05	-0.0002295	-0.0001779	-0.0001094	-0.0004532	-0.0003513
1918	475159.97, 3847840.24	1.04205	4.30754	3.47636	-0.0001318	-0.000545	-0.0004398	-6.162E-05	-0.0002547	-0.0002056	-0.0001217	-0.000503	-0.000406
1919	475159.97, 3847890.24	1.13992	4.63097	3.83453	-0.0001442	-0.0005859	-0.0004851	-6.741E-05	-0.0002738	-0.0002268	-0.0001331	-0.0005408	-0.0004478
1920	475159.97, 3847940.24	1.23279	4.86828	4.30553	-0.000156	-0.0006159	-0.0005447	-7.29E-05	-0.0002879	-0.0002546	-0.000144	-0.0005685	-0.0005028

1921	475159.97, 3847990.24	1.31917	5.18196	4.64932	-0.0001669	-0.0006556	-0.0005882	-7.801E-05	-0.0003064	-0.0002749	-0.0001541	-0.0006052	-0.000543
1922	475159.97, 3848040.24	1.41757	5.50522	4.98243	-0.0001793	-0.0006965	-0.0006303	-8.383E-05	-0.0003255	-0.0002946	-0.0001655	-0.0006429	-0.0005819
1923	475159.97, 3848090.24	1.52765	5.96142	5.19947	-0.0001933	-0.0007542	-0.0006578	-9.034E-05	-0.0003525	-0.0003075	-0.0001784	-0.0006962	-0.0006072
1924	475159.97, 3848140.24	1.65412	6.72321	5.7891	-0.0002093	-0.0008506	-0.0007324	-9.781E-05	-0.0003976	-0.0003423	-0.0001932	-0.0007852	-0.0006761
1925	475209.97, 3847740.24	0.85419	3.77746	2.83427	-0.0001081	-0.0004779	-0.0003586	-5.051E-05	-0.0002234	-0.0001676	-9.975E-05	-0.0004411	-0.000331
1926	475209.97, 3847790.24	0.93134	4.02128	3.02262	-0.0001178	-0.0005087	-0.0003824	-5.507E-05	-0.0002378	-0.0001787	-0.0001088	-0.0004696	-0.000353
1927	475209.97, 3847840.24	1.00891	4.22941	3.3899	-0.0001276	-0.0005351	-0.0004289	-5.966E-05	-0.0002501	-0.0002005	-0.0001178	-0.0004939	-0.0003959
1928	475209.97, 3847890.24	1.09055	4.44457	3.64592	-0.000138	-0.0005623	-0.0004613	-6.449E-05	-0.0002628	-0.0002156	-0.0001274	-0.000519	-0.0004258
1929	475209.97, 3847940.24	1.16339	4.55184	4.01775	-0.0001472	-0.0005759	-0.0005083	-6.88E-05	-0.0002692	-0.0002376	-0.0001359	-0.0005316	-0.0004692
1930	475209.97, 3847990.24	1.23864	4.80984	4.36966	-0.0001567	-0.0006085	-0.0005528	-7.325E-05	-0.0002844	-0.0002584	-0.0001447	-0.0005617	-0.0005103
1931	475209.97, 3848040.24	1.33821	5.18527	4.68336	-0.0001693	-0.000656	-0.0005925	-7.913E-05	-0.0003066	-0.0002769	-0.0001563	-0.0006055	-0.0005469
1932	475209.97, 3848090.24	1.46219	5.65569	5.05664	-0.000185	-0.0007155	-0.0006397	-8.647E-05	-0.0003344	-0.000299	-0.0001708	-0.0006605	-0.0005905
1933	475209.97, 3848140.24	1.58678	6.38675	5.59445	-0.0002007	-0.000808	-0.0007078	-9.383E-05	-0.0003777	-0.0003308	-0.0001853	-0.0007459	-0.0006533
1934	475209.97, 3848190.24	1.72249	7.21531	6.07278	-0.0002179	-0.0009128	-0.0007683	-0.0001019	-0.0004267	-0.0003591	-0.0002012	-0.0008426	-0.0007092
1935	475259.97, 3847790.24	0.88487	3.7758	2.85242	-0.0001119	-0.0004777	-0.0003609	-5.233E-05	-0.0002233	-0.0001687	-0.0001033	-0.0004409	-0.0003331
1936	475259.97, 3847840.24	0.94798	3.88538	3.11703	-0.0001199	-0.0004916	-0.0003943	-5.606E-05	-0.0002298	-0.0001843	-0.0001107	-0.0004537	-0.000364
1937	475259.97, 3847890.24	1.02887	4.13014	3.40178	-0.0001302	-0.0005225	-0.0004304	-6.084E-05	-0.0002442	-0.0002012	-0.0001202	-0.0004823	-0.0003973
1938	475259.97, 3847940.24	1.09091	4.18343	3.70017	-0.000138	-0.0005293	-0.0004681	-6.451E-05	-0.0002474	-0.0002188	-0.0001274	-0.0004886	-0.0004321
1939	475259.97, 3847990.24	1.16075	4.42681	4.03372	-0.0001469	-0.0005601	-0.0005103	-6.864E-05	-0.0002618	-0.0002385	-0.0001356	-0.000517	-0.0004711
1940	475259.97, 3848040.24	1.27211	4.92717	4.48425	-0.0001609	-0.0006234	-0.0005673	-7.523E-05	-0.0002914	-0.0002652	-0.0001486	-0.0005754	-0.0005237
1941	475259.97, 3848090.24	1.39999	5.47096	4.91358	-0.0001771	-0.0006922	-0.0006216	-8.279E-05	-0.0003235	-0.0002906	-0.0001635	-0.0006389	-0.0005738
1942	475259.97, 3848140.24	1.53172	6.14376	5.38209	-0.0001938	-0.0007773	-0.0006809	-9.058E-05	-0.0003633	-0.0003183	-0.0001789	-0.0007175	-0.0006285
1943	475259.97, 3848190.24	1.65178	6.85742	5.92748	-0.000209	-0.0008676	-0.0007499	-9.768E-05	-0.0004055	-0.0003505	-0.0001929	-0.0008008	-0.0006922
1944	475259.97, 3848240.24	1.79032	7.68787	6.35978	-0.0002265	-0.0009726	-0.0008046	-0.0001059	-0.0004546	-0.0003761	-0.0002091	-0.0008978	-0.0007427
1945	475309.97, 3847840.24	0.89384	3.58455	2.85541	-0.0001131	-0.0004535	-0.0003612	-5.286E-05	-0.000212	-0.0001689	-0.0001044	-0.0004186	-0.0003335
1946	475309.97, 3847890.24	0.97402	3.85572	3.18178	-0.0001232	-0.0004878	-0.0004025	-5.76E-05	-0.000228	-0.0001882	-0.0001137	-0.0004503	-0.0003716
1947	475309.97, 3847940.24	1.01157	3.73651	3.33471	-0.000128	-0.0004727	-0.0004219	-5.982E-05	-0.000221	-0.0001972	-0.0001181	-0.0004364	-0.0003894
1948	475309.97, 3847990.24	1.07619	3.96803	3.58902	-0.0001362	-0.000502	-0.0004541	-6.364E-05	-0.0002346	-0.0002122	-0.0001257	-0.0004634	-0.0004191
1949	475309.97, 3848040.24	1.19581	4.56091	4.22603	-0.0001513	-0.000577	-0.0005347	-7.071E-05	-0.0002697	-0.0002499	-0.0001396	-0.0005326	-0.0004935
1950	475309.97, 3848090.24	1.32908	5.18978	4.70798	-0.0001681	-0.0006566	-0.0005956	-7.859E-05	-0.0003069	-0.0002784	-0.0001552	-0.0006061	-0.0005498
1951	475309.97, 3848140.24	1.46121	5.79189	5.07848	-0.0001849	-0.0007328	-0.0006425	-8.641E-05	-0.0003425	-0.0003003	-0.0001706	-0.0006764	-0.0005931
1952	475309.97, 3848190.24	1.58725	6.55145	5.777	-0.0002008	-0.0008288	-0.0007309	-9.386E-05	-0.0003874	-0.0003416	-0.0001854	-0.0007651	-0.0006747
1953	475309.97, 3848240.24	1.70861	7.26323	6.14779	-0.0002162	-0.0009189	-0.0007778	-0.000101	-0.0004295	-0.0003635	-0.0001995	-0.0008482	-0.000718
1954	475309.97, 3848290.24	1.83622	7.95881	6.51907	-0.0002323	-0.0010069	-0.0008248	-0.0001086	-0.0004706	-0.0003855	-0.0002144	-0.0009295	-0.0007613
1955	475359.97, 3847890.24	0.92069	3.57702	2.96523	-0.0001165	-0.0004525	-0.0003751	-5.444E-05	-0.0002115	-0.0001753	-0.0001075	-0.0004177	-0.0003463
1956	475359.97, 3847940.24	0.95303	3.44336	3.06544	-0.0001206	-0.0004356	-0.0003878	-5.636E-05	-0.0002036	-0.0001813	-0.0001113	-0.0004021	-0.000358
1957	475359.97, 3847990.24	1.02099	3.70855	3.33295	-0.0001292	-0.0004692	-0.0004217	-6.038E-05	-0.0002193	-0.0001971	-0.0001192	-0.0004331	-0.0003892
1958	475359.97, 3848040.24	1.12986	4.24753	3.89555	-0.0001429	-0.0005374	-0.0004928	-6.681E-05	-0.0002512	-0.0002304	-0.0001319	-0.000496	-0.0004549
1959	475359.97, 3848090.24	1.24948	4.81299	4.38712	-0.0001581	-0.0006089	-0.000555	-7.389E-05	-0.0002846	-0.0002594	-0.0001459	-0.0005621	-0.0005123
1960	475359.97, 3848140.24	1.38199	5.41299	4.78685	-0.0001748	-0.0006848	-0.0006056	-8.172E-05	-0.0003201	-0.0002831	-0.0001614	-0.0006321	-0.000559
1961	475359.97, 3848190.24	1.49897	6.07406	5.39157	-0.0001896	-0.0007685	-0.0006821	-8.864E-05	-0.0003592	-0.0003188	-0.0001751	-0.0007093	-0.0006296
1962	475359.97, 3848240.24	1.61934	6.79616	5.85319	-0.0002049	-0.0008598	-0.0007405	-9.576E-05	-0.0004019	-0.0003461	-0.0001891	-0.0007937	-0.0006836
1963	475409.97, 3847940.24	0.91361	3.29416	2.88566	-0.0001156	-0.0004168	-0.0003651	-5.403E-05	-0.0001948	-0.0001706	-0.0001067	-0.0003847	-0.000337
1964	475409.97, 3847990.24	0.97305	3.5154	3.15542	-0.0001231	-0.0004447	-0.0003992	-5.754E-05	-0.0002079	-0.0001866	-0.0001136	-0.0004105	-0.0003685
1965	475409.97, 3848040.24	1.07841	4.02374	3.65308	-0.0001364	-0.0005091	-0.0004622	-6.377E-05	-0.0002379	-0.000216	-0.0001259	-0.0004699	-0.0004266
1966	475409.97, 3848090.24	1.18841	4.55091	4.20216	-0.0001504	-0.0005758	-0.0005316	-7.028E-05	-0.0002691	-0.0002485	-0.0001388	-0.0005315	-0.0004907
1967	475409.97, 3848140.24	1.29643	5.01015	4.51553	-0.000164	-0.0006339	-0.0005713	-7.666E-05	-0.0002963	-0.000267	-0.0001514	-0.0005851	-0.0005273
1968	475409.97, 3848190.24	1.40974	5.58709	4.98575	-0.0001784	-0.0007068	-0.0006308	-8.336E-05	-0.0003304	-0.0002948	-0.0001646	-0.0006525	-0.0005822
1969	475459.97, 3848040.24	1.018	3.71649	3.41366	-0.0001288	-0.0004702	-0.0004319	-6.02E-05	-0.0002198	-0.0002019	-0.0001189	-0.000434	-0.0003987
1970	475459.97, 3848090.24	1.11369	4.16561	3.86148	-0.0001409	-0.000527	-0.0004885	-6.586E-05	-0.0002463	-0.0002283	-0.0001301	-0.0004865	-0.000451
1971	475459.97, 3848140.24	1.21147	4.58443	4.20483	-0.0001533	-0.00058	-0.000532	-7.164E-05	-0.0002711	-0.0002486	-0.0001415	-0.0005354	-0.0004911
1972	475509.97, 3848090.24	1.04101	3.78132	3.52042	-0.0001317	-0.0004784	-0.0004454	-6.156E-05	-0.0002236	-0.0002082	-0.0001216	-0.0004416	-0.0004111
1973	475837.85, 3848791.56	2.2653	9.79732	8.14851	-0.0002866	-0.0012395	-0.0010309	-0.000134	-0.0005794	-0.0004819	-0.0002645	-0.0011442	-0.0009516
1974	475837.85, 3848841.56	2.50138	10.9717	8.83259	-0.0003165	-0.0013881	-0.0011174	-0.0001479	-0.0006488	-0.0005223	-0.0002921	-0.0012813	-0.0010315
1975	475837.85, 3848891.56	2.80125	12.1481	9.75462	-0.0003544	-0.0015369	-0.0012341	-0.0001656	-0.0007184	-0.0005768	-0.0003271	-0.0014187	-0.0011392
1976	475887.85, 3848691.56	1.82647	7.87815	6.54842	-0.0002311	-0.0009967	-0.0008285	-0.000108	-0.0004659	-0.0003872	-0.0002133	-0.00092	-0.0007647
1977	475887.85, 3848741.56	1.98584	8.45535	7.06375	-0.0002512	-0.0010697	-0.0008937	-0.0001174	-0.0005	-0.0004177	-0.0002319	-0.0009874	-0.0008249
1978	475887.85, 3848791.56	2.16234	9.18676	7.68819	-0.0002736	-0.0011623	-0.0009727	-0.0001279	-0.0005433	-0.0004546	-0.0002525	-0.0010729	-0.0008978
1979	475887.85, 3848841.56	2.37903	10.1833	8.36065	-0.000301	-0.0012883	-0.0010577	-0.0001407	-0.0006022	-0.0004944	-0.0002778	-0.0011892	-0.0009764
1980	475887.85, 3848891.56	2.66612	11.4835	9.13866	-0.0003373	-0.0014528	-0.0011562	-0.0001577	-0.0006791	-0.0005404	-0.0003114	-0.0013411	-0.0010672
1981	475937.85, 3848591.56	1.52713	6.70628	5.59217	-0.0001932	-0.0008484	-0.0007075	-9.031E-05	-0.0003966	-0.0003307	-0.0001783	-0.0007832	-0.0006531
1982	475937.85, 3848641.56	1.63353	7.13768	5.958	-0.0002067	-0.000903	-0.0007538	-9.66E-05	-0.0004221	-0.0003523	-0.0001908	-0.0008336	-0.0006958
1983	475937.85, 3848691.56	1.74555	7.61186	6.18747	-0.0002208	-0.000963	-0.0007828	-0.0001032	-0.0004501	-0.0003659	-0.0002038	-0.0008889	-0.0007226
1984	475937.85, 3848741.56	1.90008	8.18814	6.70482	-0.0002404	-0.0010359	-0.0008483	-0.0001124	-0.0004842	-0.0003965	-0.0002219	-0.0009562	-0.000783
1985	475937.85, 3848791.56	2.06309	8.75493	7.28677	-0.000261	-0.0011076	-0.0009219	-0.000122	-0.0005177	-0.0004309	-0.0002409	-0.0010224	-0.000851
1986	475937.85, 3848841.56	2.27572	9.62502	8.0003	-0.0002879	-0.0012177	-0.0010121	-0.0001346	-0.0005692	-0.0004731	-0.0002658	-0.001124	-0.0009343
1987	475937.85, 3848891.56	2.56064	10.9352	8.60883	-0.000324	-0.0013835	-0.0010891	-0.0001514	-0.0006466	-0.0005091	-0.000299	-0.001277	-0.0010054
1988	475987.85, 3848591.56	1.45716	6.37637	5.16451	-0.0001844	-0.0008067	-0.0006534	-8.617E-05	-0.0003771	-0.0003054	-0.0001702	-0.0007446	-0.0006031
1989	475987.85, 3848641.56	1.56638	6.89687	5.64766	-0.0001982	-0.0008725	-0.0007145	-9.263E-05	-0.0004078	-0.000334	-0.0001829	-0.0008054	-0.0006595
1990	475987.85, 3848691.56	1.67976	7.40094	5.97136	-0.0002125	-0.0009363	-0.0007555	-9.933E-05	-0.0004376	-0.0003531	-0.0001962	-0.0008643	-0.0006974
1991	475987.85, 3848741.56	1.79842	7.81701	6.28596	-0.0002275	-0.000989	-0.0007953	-0.0001063	-0.0004623	-0.0003717	-0.00021	-0.0009129	-0.0007341
1992	475987.85, 3848791.56	1.97376	8.45374	6.94264	-0.0002497	-0.0010695	-0.0008783	-0.0001167	-0.0004999	-0.0004105	-0.0002305	-0.0009873	-0.0008108
1993	476037.85, 3848591.56	1.39352	6.0513	4.85009	-0.0001763	-0.0007656	-0.0006136	-8.24E-05	-0.0003578	-0.0002868	-0.0001627	-0.0007067	-0.0005664
1994	476037.85, 3848641.56	1.49865	6.57897	5.23918	-0.0001896	-0.0008323	-0.0006628	-8.862E-05	-0.000389	-0.0003098	-0.000175	-0.0007683	-0.0006118
1995	473244.83, 3847557.25	3.05846	26.0092	20.6893	-0.0003869	-0.0032905	-0.0026175	-0.0001809	-0.001538	-0.0012234	-0.0003572	-0.0030374	-0.0024162
1996	473269.83, 3847582.25	2.98586	24.4301	19.7297	-0.0003778	-0.0030907	-0.0024961	-0.0001766	-0.0014446	-0.0011667	-0.0003487	-0.002853	-0.0023041
1997	473269.83, 3847607.25	2.38591	20.8887	16.5414	-0.0003019	-0.0026427	-0.0020927	-0.0001411	-0.0012352	-0.0009782	-0.0002786	-0.0024394	-0.0019317

1998	473269.83, 3847632.25	2.00926	18.2897	14.371	-0.0002542	-0.0023139	-0.0018181	-0.0001188	-0.0010815	-0.0008498	-0.0002346	-0.0021359	-0.0016783
1999	473269.83, 3847657.25	1.7464	16.2672	12.8553	-0.0002209	-0.002058	-0.0016264	-0.0001033	-0.0009619	-0.0007602	-0.0002039	-0.0018997	-0.0015013
2000	473269.83, 3847682.25	1.55162	14.6696	11.6346	-0.0001963	-0.0018559	-0.0014719	-9.175E-05	-0.0008675	-0.000688	-0.0001812	-0.0017132	-0.0013587
2001	473269.83, 3847707.25	1.40948	13.4711	10.7499	-0.0001783	-0.0017043	-0.00136	-8.335E-05	-0.0007966	-0.0006357	-0.0001646	-0.0015732	-0.0012554
2002	473269.83, 3847732.25	1.29172	12.4728	9.97864	-0.0001634	-0.001578	-0.0012624	-7.638E-05	-0.0007376	-0.0005901	-0.0001509	-0.0014566	-0.0011653
2003	473269.83, 3847757.25	1.19433	11.6626	9.37905	-0.0001511	-0.0014755	-0.0011866	-7.063E-05	-0.0006897	-0.0005546	-0.0001395	-0.001362	-0.0010953
2004	473269.83, 3847782.25	1.11364	11.0151	8.86462	-0.0001409	-0.0013936	-0.0011215	-6.585E-05	-0.0006514	-0.0005242	-0.0001301	-0.0012864	-0.0010352
2005	473269.83, 3847807.25	1.04328	10.4701	8.40573	-0.000132	-0.0013246	-0.0010634	-6.169E-05	-0.0006191	-0.0004971	-0.0001218	-0.0012227	-0.0009816
2006	473269.83, 3847832.25	0.98713	10.0637	8.02671	-0.0001249	-0.0012732	-0.0010155	-5.837E-05	-0.0005951	-0.0004747	-0.0001153	-0.0011753	-0.0009374
2007	473269.83, 3847857.25	0.93694	9.71193	7.68579	-0.0001185	-0.0012287	-0.0009724	-5.541E-05	-0.0005743	-0.0004545	-0.0001094	-0.0011342	-0.0008976
2008	473269.83, 3847882.25	0.8916	9.39953	7.37385	-0.0001128	-0.0011892	-0.0009329	-5.272E-05	-0.0005558	-0.000436	-0.0001041	-0.0010977	-0.0008611
2009	473269.83, 3847907.25	0.85037	9.11671	7.08479	-0.0001076	-0.0011534	-0.0008963	-5.029E-05	-0.0005391	-0.000419	-9.931E-05	-0.0010647	-0.0008274
2010	473269.83, 3847932.25	0.81337	8.86401	6.81943	-0.0001029	-0.0011214	-0.0008628	-4.81E-05	-0.0005242	-0.0004033	-9.499E-05	-0.0010352	-0.0007964
2011	473269.83, 3847957.25	0.78055	8.64121	6.57836	-9.875E-05	-0.0010932	-0.0008323	-4.616E-05	-0.000511	-0.000389	-9.115E-05	-0.0010091	-0.0007682
2012	473269.83, 3847982.25	0.74971	8.42336	6.34363	-9.485E-05	-0.0010657	-0.0008026	-4.433E-05	-0.0004981	-0.0003751	-8.755E-05	-0.0009837	-0.0007408
2013	473294.83, 3847607.25	2.84672	22.8806	18.493	-0.0003601	-0.0028947	-0.0023396	-0.0001683	-0.001353	-0.0010936	-0.0003324	-0.0026721	-0.0021597
2014	473294.83, 3847632.25	2.31561	19.794	15.6979	-0.000293	-0.0025042	-0.001986	-0.0001369	-0.0011705	-0.0009283	-0.0002704	-0.0023116	-0.0018332
2015	473294.83, 3847657.25	1.96469	17.4194	13.7481	-0.0002486	-0.0022038	-0.0017393	-0.0001162	-0.0010301	-0.000813	-0.0002294	-0.0020343	-0.0016055
2016	473294.83, 3847682.25	1.71816	15.5893	12.3388	-0.0002174	-0.0019723	-0.001561	-0.0001016	-0.0009219	-0.0007296	-0.0002007	-0.0018206	-0.001441
2017	473294.83, 3847707.25	1.53666	14.1703	11.2892	-0.0001944	-0.0017927	-0.0014282	-9.087E-05	-0.0008379	-0.0006676	-0.0001795	-0.0016548	-0.0013184
2018	473294.83, 3847732.25	1.39708	13.058	10.4422	-0.0001767	-0.001652	-0.0013211	-8.262E-05	-0.0007722	-0.0006175	-0.0001632	-0.0015249	-0.0012195
2019	473294.83, 3847757.25	1.28508	12.1718	9.75752	-0.0001626	-0.0015399	-0.0012345	-7.599E-05	-0.0007198	-0.000577	-0.0001501	-0.0014215	-0.0011395
2020	473294.83, 3847782.25	1.19038	11.4402	9.19658	-0.0001506	-0.0014473	-0.0011635	-7.039E-05	-0.0006765	-0.0005438	-0.000139	-0.001336	-0.001074
2021	473294.83, 3847807.25	1.10598	10.8016	8.68416	-0.0001399	-0.0013665	-0.0010987	-6.54E-05	-0.0006387	-0.0005135	-0.0001292	-0.0012614	-0.0010142
2022	473294.83, 3847832.25	1.03998	10.3303	8.26205	-0.0001316	-0.0013069	-0.0010453	-6.15E-05	-0.0006109	-0.0004886	-0.0001215	-0.0012064	-0.0009649
2023	473294.83, 3847857.25	0.98398	9.94863	7.89718	-0.0001245	-0.0012586	-0.0009991	-5.819E-05	-0.0005883	-0.000467	-0.0001149	-0.0011618	-0.0009223
2024	473294.83, 3847882.25	0.93411	9.61615	7.56787	-0.0001182	-0.0012166	-0.0009574	-5.524E-05	-0.0005686	-0.0004475	-0.0001091	-0.001123	-0.0008838
2025	473294.83, 3847907.25	0.88918	9.3189	7.26513	-0.0001125	-0.001179	-0.0009191	-5.258E-05	-0.0005511	-0.0004296	-0.0001038	-0.0010883	-0.0008484
2026	473294.83, 3847932.25	0.84955	9.0606	6.99199	-0.0001075	-0.0011463	-0.0008846	-5.024E-05	-0.0005358	-0.0004135	-9.921E-05	-0.0010581	-0.0008165
2027	473294.83, 3847957.25	0.81339	8.8215	6.73453	-0.0001029	-0.001116	-0.000852	-4.81E-05	-0.0005217	-0.0003982	-9.499E-05	-0.0010302	-0.0007865
2028	473294.83, 3847982.25	0.77997	8.59423	6.48794	-9.868E-05	-0.0010873	-0.0008208	-4.612E-05	-0.0005082	-0.0003837	-9.109E-05	-0.0010037	-0.0007577
2029	473294.83, 3848007.25	0.74819	8.36639	6.2446	-9.466E-05	-0.0010585	-0.00079	-4.424E-05	-0.0004947	-0.0003693	-8.738E-05	-0.000977	-0.0007293
2030	473319.83, 3847607.25	3.53179	25.582	21.4417	-0.0004468	-0.0032365	-0.0027127	-0.0002088	-0.0015128	-0.0012679	-0.0004125	-0.0029875	-0.002504
2031	473319.83, 3847632.25	2.71167	21.5727	17.4906	-0.0003431	-0.0027292	-0.0022128	-0.0001604	-0.0012757	-0.0010343	-0.0003167	-0.0025193	-0.0020426
2032	473319.83, 3847657.25	2.2196	18.6496	15.0109	-0.0002808	-0.0023594	-0.0018991	-0.0001313	-0.0011028	-0.0008877	-0.0002592	-0.0021779	-0.001753
2033	473319.83, 3847682.25	1.90666	16.567	13.2519	-0.0002412	-0.002096	-0.0016765	-0.0001127	-0.0009797	-0.0007836	-0.0002227	-0.0019347	-0.0015476
2034	473319.83, 3847707.25	1.68344	14.9595	12.0379	-0.000213	-0.0018926	-0.001523	-9.955E-05	-0.0008846	-0.0007119	-0.0001966	-0.001747	-0.0014058
2035	473319.83, 3847732.25	1.51431	13.6915	10.9989	-0.0001916	-0.0017322	-0.0013915	-8.955E-05	-0.0008096	-0.0006504	-0.0001768	-0.0015989	-0.0012845
2036	473319.83, 3847757.25	1.37964	12.6729	10.1452	-0.0001745	-0.0016033	-0.0012835	-8.158E-05	-0.0007494	-0.0005999	-0.0001611	-0.00148	-0.0011848
2037	473319.83, 3847782.25	1.26847	11.8427	9.52833	-0.0001605	-0.0014983	-0.0012055	-7.501E-05	-0.0007003	-0.0005634	-0.0001481	-0.001383	-0.0011127
2038	473319.83, 3847807.25	1.17601	11.1704	8.9915	-0.0001488	-0.0014132	-0.0011375	-6.954E-05	-0.0006606	-0.0005317	-0.0001373	-0.0013045	-0.0010501
2039	473319.83, 3847832.25	1.10341	10.6716	8.54904	-0.0001396	-0.0013501	-0.0010816	-6.525E-05	-0.0006311	-0.0005055	-0.0001289	-0.0012463	-0.0009984
2040	473319.83, 3847857.25	1.03609	10.2117	8.1337	-0.0001311	-0.0012919	-0.001029	-6.127E-05	-0.0006039	-0.000481	-0.000121	-0.0011925	-0.0009499
2041	473319.83, 3847882.25	0.97874	9.83217	7.76958	-0.0001238	-0.0012439	-0.000983	-5.788E-05	-0.0005814	-0.0004594	-0.0001143	-0.0011482	-0.0009074
2042	473319.83, 3847907.25	0.93056	9.52718	7.45695	-0.0001177	-0.0012053	-0.0009434	-5.503E-05	-0.0005634	-0.000441	-0.0001087	-0.0011126	-0.0008708
2043	473319.83, 3847932.25	0.8871	9.25201	7.16734	-0.0001122	-0.0011705	-0.0009068	-5.246E-05	-0.0005471	-0.0004238	-0.0001036	-0.0010805	-0.000837
2044	473319.83, 3847957.25	0.84754	8.99811	6.89428	-0.0001072	-0.0011384	-0.0008722	-5.012E-05	-0.0005321	-0.0004077	-9.898E-05	-0.0010508	-0.0008051
2045	473319.83, 3847982.25	0.81208	8.76877	6.64131	-0.0001027	-0.0011094	-0.0008402	-4.802E-05	-0.0005185	-0.0003927	-9.484E-05	-0.001024	-0.0007756
2046	473319.83, 3848007.25	0.77815	8.53671	6.38971	-9.845E-05	-0.00108	-0.0008084	-4.602E-05	-0.0005048	-0.0003778	-9.087E-05	-0.0009969	-0.0007462
2047	473344.83, 3847632.25	3.28834	24.0322	20.1316	-0.000416	-0.0030404	-0.0025469	-0.0001945	-0.0014211	-0.0011905	-0.000384	-0.0028065	-0.002351
2048	473344.83, 3847657.25	2.5527	20.181	16.6747	-0.000323	-0.0025532	-0.0021096	-0.000151	-0.0011934	-0.000986	-0.0002981	-0.0023568	-0.0019473
2049	473344.83, 3847682.25	2.14438	17.7739	14.3828	-0.0002713	-0.0022486	-0.0018196	-0.0001268	-0.001051	-0.0008505	-0.0002504	-0.0020757	-0.0016797
2050	473344.83, 3847707.25	1.86546	15.9408	12.8597	-0.000236	-0.0020167	-0.0016269	-0.0001103	-0.0009426	-0.0007604	-0.0002179	-0.0018616	-0.0015018
2051	473344.83, 3847732.25	1.65461	14.4563	11.8163	-0.0002093	-0.0018289	-0.0014949	-9.784E-05	-0.0008549	-0.0006987	-0.0001932	-0.0016882	-0.0013799
2052	473344.83, 3847757.25	1.48959	13.2639	10.7873	-0.0001885	-0.0016781	-0.0013647	-8.809E-05	-0.0007843	-0.0006379	-0.000174	-0.001549	-0.0012598
2053	473344.83, 3847782.25	1.35951	12.327	9.90648	-0.000172	-0.0015595	-0.0012533	-8.039E-05	-0.0007289	-0.0005858	-0.0001588	-0.0014396	-0.0011569
2054	473344.83, 3847807.25	1.25881	11.6247	9.34759	-0.0001593	-0.0014707	-0.0011826	-7.444E-05	-0.0006874	-0.0005528	-0.000147	-0.0013576	-0.0010916
2055	473344.83, 3847832.25	1.17164	11.0317	8.85167	-0.0001482	-0.0013957	-0.0011199	-6.928E-05	-0.0006523	-0.0005234	-0.0001368	-0.0012883	-0.0010337
2056	473344.83, 3847857.25	1.09425	10.5113	8.39764	-0.0001384	-0.0013298	-0.0010624	-6.471E-05	-0.0006216	-0.0004966	-0.0001278	-0.0012275	-0.0009807
2057	473344.83, 3847882.25	1.02849	10.0804	7.99728	-0.0001301	-0.0012753	-0.0010118	-6.082E-05	-0.0005961	-0.0004729	-0.0001201	-0.0011772	-0.0009339
2058	473344.83, 3847907.25	0.9732	9.7303	7.64966	-0.0001231	-0.001231	-0.0009678	-5.755E-05	-0.0005754	-0.0004524	-0.0001137	-0.0011363	-0.0008933
2059	473344.83, 3847932.25	0.92494	9.42967	7.33693	-0.000117	-0.001193	-0.0009282	-5.47E-05	-0.0005576	-0.0004339	-0.000108	-0.0011012	-0.0008568
2060	473344.83, 3847957.25	0.88165	9.15855	7.04601	-0.0001115	-0.0011587	-0.0008914	-5.214E-05	-0.0005416	-0.0004167	-0.000103	-0.0010696	-0.0008229
2061	473344.83, 3847982.25	0.84267	8.91192	6.77451	-0.0001066	-0.0011275	-0.0008571	-4.983E-05	-0.000527	-0.0004006	-9.841E-05	-0.0010408	-0.0007911
2062	473344.83, 3848007.25	0.807	8.6806	6.51814	-0.0001021	-0.0010982	-0.0008246	-4.772E-05	-0.0005133	-0.0003854	-9.424E-05	-0.0010137	-0.0007612
2063	473344.83, 3848032.25	0.77448	8.46365	6.27904	-9.798E-05	-0.0010708	-0.0007944	-4.58E-05	-0.0005005	-0.0003713	-9.045E-05	-0.0009884	-0.0007333
2064	473369.83, 3847632.25	4.12236	27.1865	23.6765	-0.0005215	-0.0034395	-0.0029954	-0.0002438	-0.0016076	-0.0014001	-0.0004814	-0.0031749	-0.002765
2065	473369.83, 3847657.25	3.03911	22.3775	18.817	-0.0003845	-0.0028311	-0.0023806	-0.0001797	-0.0013233	-0.0011127	-0.0003549	-0.0026133	-0.0021975
2066	473369.83, 3847682.25	2.46293	19.358	15.9946	-0.0003116	-0.0024491	-0.0020235	-0.0001456	-0.0011447	-0.0009458	-0.0002876	-0.0022607	-0.0018679
2067	473369.83, 3847707.25	2.0914	17.1279	13.8394	-0.0002646	-0.0021669	-0.0017509	-0.0001237	-0.0010128	-0.0008184	-0.0002442	-0.0020002	-0.0016162
2068	473369.83, 3847732.25	1.82024	15.3418	12.4784	-0.0002303	-0.0019409	-0.0015787	-0.0001076	-0.0009072	-0.0007379	-0.0002126	-0.0017917	-0.0014573
2069	473369.83, 3847757.25	1.61629	13.939	11.4618	-0.0002045	-0.0017635	-0.0014501	-9.558E-05	-0.0008243	-0.0006778	-0.0001888	-0.0016278	-0.0013385
2070	473369.83, 3847782.25	1.46034	12.8563	10.566	-0.0001848	-0.0016265	-0.0013367	-8.636E-05	-0.0007602	-0.0006248	-0.0001705	-0.0015014	-0.0012339
2071	473369.83, 3847807.25	1.34088	12.0423	9.7016	-0.0001696	-0.0015235	-0.0012274	-7.929E-05	-0.0007121	-0.0005737	-0.0001566	-0.0014063	-0.001133
2072	473369.83, 3847832.25	1.24183	11.3838	9.1556	-0.0001571	-0.0014402	-0.0011583	-7.343E-05	-0.0006732	-0.0005414	-0.000145	-0.0013294	-0.0010692
2073	473369.83, 3847857.25	1.15687	10.8305	8.67781	-0.0001464	-0.0013702	-0.0010979	-6.841E-05	-0.0006404	-0.0005132	-0.0001351	-0.0012648	-0.0010134
2074	473369.83, 3847882.25	1.08431	10.368	8.25405	-0.0001372	-0.0013117	-0.0010443	-6.412E-05	-0.0006131	-0.0004881	-0.0001266	-0.0012108	-0.0009639

2075	473369.83, 3847907.25	1.02136	9.97214	7.87259	-0.0001292	-0.0012616	-0.000996	-6.04E-05	-0.0005897	-0.0004655	-0.0001193	-0.0011646	-0.0009194
2076	473369.83, 3847932.25	0.96522	9.6175	7.5183	-0.0001221	-0.0012167	-0.0009512	-5.708E-05	-0.0005687	-0.0004446	-0.0001127	-0.0011232	-0.000878
2077	473369.83, 3847957.25	0.92177	9.36814	7.23761	-0.0001166	-0.0011852	-0.0009157	-5.451E-05	-0.000554	-0.000428	-0.0001076	-0.001094	-0.0008452
2078	473369.83, 3847982.25	0.87877	9.10106	6.94617	-0.0001112	-0.0011514	-0.0008788	-5.197E-05	-0.0005382	-0.0004108	-0.0001026	-0.0010628	-0.0008112
2079	473369.83, 3848007.25	0.8397	8.85373	6.67248	-0.0001062	-0.0011201	-0.0008442	-4.965E-05	-0.0005236	-0.0003946	-9.806E-05	-0.001034	-0.0007792
2080	473369.83, 3848032.25	0.80498	8.63214	6.42439	-0.0001018	-0.0010921	-0.0008128	-4.76E-05	-0.0005105	-0.0003799	-9.401E-05	-0.0010081	-0.0007503
2081	473394.83, 3847657.25	3.70517	25.1197	21.6455	-0.0004688	-0.003178	-0.0027385	-0.0002191	-0.0014854	-0.00128	-0.0004327	-0.0029335	-0.0025278
2082	473394.83, 3847682.25	2.87925	21.2977	17.9971	-0.0003643	-0.0026944	-0.0022769	-0.0001703	-0.0012594	-0.0010642	-0.0003362	-0.0024872	-0.0021017
2083	473394.83, 3847707.25	2.35153	18.3855	15.1794	-0.0002975	-0.002326	-0.0019204	-0.0001391	-0.0010872	-0.0008976	-0.0002746	-0.0021471	-0.0017727
2084	473394.83, 3847732.25	2.00558	16.2731	13.3009	-0.0002537	-0.0020588	-0.0016827	-0.0001186	-0.0009623	-0.0007865	-0.0002342	-0.0019004	-0.0015533
2085	473394.83, 3847757.25	1.76118	14.6889	12.043	-0.0002228	-0.0018583	-0.0015236	-0.0001041	-0.0008686	-0.0007121	-0.0002057	-0.0017154	-0.0014064
2086	473394.83, 3847782.25	1.57756	13.4703	11.1148	-0.0001996	-0.0017042	-0.0014062	-9.329E-05	-0.0007966	-0.0006573	-0.0001842	-0.0015731	-0.001298
2087	473394.83, 3847807.25	1.43016	12.4886	10.3115	-0.0001809	-0.00158	-0.0013045	-8.457E-05	-0.0007385	-0.0006098	-0.000167	-0.0014585	-0.0012042
2088	473394.83, 3847832.25	1.31893	11.77	9.49822	-0.0001669	-0.0014891	-0.0012017	-7.799E-05	-0.000696	-0.0005617	-0.000154	-0.0013745	-0.0011092
2089	473394.83, 3847857.25	1.22398	11.1673	8.97332	-0.0001549	-0.0014128	-0.0011352	-7.238E-05	-0.0006604	-0.0005306	-0.0001429	-0.0013042	-0.0010479
2090	473394.83, 3847882.25	1.14407	10.6722	8.5252	-0.0001447	-0.0013502	-0.0010786	-6.765E-05	-0.0006311	-0.0005041	-0.0001336	-0.0012463	-0.0009956
2091	473394.83, 3847907.25	1.07453	10.245	8.1198	-0.0001359	-0.0012961	-0.0010273	-6.354E-05	-0.0006058	-0.0004802	-0.0001255	-0.0011964	-0.0009483
2092	473394.83, 3847932.25	1.01051	9.84098	7.72853	-0.0001278	-0.001245	-0.0009778	-5.976E-05	-0.0005819	-0.000457	-0.000118	-0.0011493	-0.0009026
2093	473394.83, 3847957.25	0.95975	9.54069	7.40605	-0.0001214	-0.001207	-0.000937	-5.675E-05	-0.0005642	-0.0004379	-0.0001121	-0.0011142	-0.0008649
2094	473394.83, 3847982.25	0.91655	9.29374	7.12358	-0.000116	-0.0011758	-0.0009012	-5.42E-05	-0.0005496	-0.0004212	-0.000107	-0.0010853	-0.0008319
2095	473394.83, 3848007.25	0.8742	9.0329	6.83439	-0.0001106	-0.0011428	-0.0008646	-5.17E-05	-0.0005342	-0.0004041	-0.0001021	-0.0010549	-0.0007981
2096	473394.83, 3848032.25	0.83512	8.78414	6.55983	-0.0001057	-0.0011113	-0.0008299	-4.938E-05	-0.0005194	-0.0003879	-9.753E-05	-0.0010258	-0.0007661
2097	473394.83, 3848057.25	0.80114	8.5686	6.31828	-0.0001014	-0.001084	-0.0007993	-4.737E-05	-0.0005067	-0.0003736	-9.356E-05	-0.0010007	-0.0007379
2098	473419.83, 3847682.25	3.39009	23.4022	20.1782	-0.0004289	-0.0029607	-0.0025528	-0.0002005	-0.0013839	-0.0011932	-0.0003959	-0.002733	-0.0023565
2099	473419.83, 3847707.25	2.67842	19.8847	16.9403	-0.0003389	-0.0025157	-0.0021432	-0.0001584	-0.0011759	-0.0010017	-0.0003128	-0.0023222	-0.0019783
2100	473419.83, 3847732.25	2.23856	17.4221	14.5003	-0.0002832	-0.0022041	-0.0018345	-0.0001324	-0.0010302	-0.0008575	-0.0002614	-0.0020346	-0.0016934
2101	473419.83, 3847757.25	1.93443	15.5692	12.872	-0.0002447	-0.0019697	-0.0016285	-0.0001144	-0.0009207	-0.0007612	-0.0002259	-0.0018182	-0.0015032
2102	473419.83, 3847782.25	1.70903	14.1378	11.6481	-0.0002162	-0.0017886	-0.0014736	-0.0001011	-0.000836	-0.0006888	-0.0001996	-0.001651	-0.0013603
2103	473419.83, 3847807.25	1.53486	13.0187	10.7526	-0.0001942	-0.001647	-0.0013604	-9.076E-05	-0.0007699	-0.0006358	-0.0001792	-0.0015204	-0.0012557
2104	473419.83, 3847832.25	1.40643	12.2117	10.0508	-0.0001779	-0.001545	-0.0012716	-8.317E-05	-0.0007221	-0.0005943	-0.0001642	-0.0014261	-0.0011738
2105	473419.83, 3847857.25	1.29723	11.5322	9.30042	-0.0001641	-0.001459	-0.0011766	-7.671E-05	-0.0006819	-0.00055	-0.0001515	-0.0013468	-0.0010861
2106	473419.83, 3847882.25	1.20491	10.9646	8.81275	-0.0001524	-0.0013872	-0.0011149	-7.125E-05	-0.0006484	-0.0005211	-0.0001407	-0.0012805	-0.0010292
2107	473419.83, 3847907.25	1.12708	10.4931	8.38058	-0.0001426	-0.0013275	-0.0010603	-6.665E-05	-0.0006205	-0.0004956	-0.0001316	-0.0012254	-0.0009787
2108	473419.83, 3847932.25	1.06055	10.0946	7.98243	-0.0001342	-0.0012771	-0.0010099	-6.271E-05	-0.0005969	-0.000472	-0.0001239	-0.0011789	-0.0009322
2109	473419.83, 3847957.25	1.00289	9.75171	7.60622	-0.0001269	-0.0012337	-0.0009623	-5.93E-05	-0.0005767	-0.0004498	-0.0001171	-0.0011388	-0.0008883
2110	473419.83, 3847982.25	0.95359	9.46534	7.28871	-0.0001206	-0.0011975	-0.0009221	-5.639E-05	-0.0005597	-0.000431	-0.0001114	-0.0011054	-0.0008512
2111	473419.83, 3848007.25	0.90898	9.2023	6.99189	-0.000115	-0.0011642	-0.0008846	-5.375E-05	-0.0005442	-0.0004135	-0.0001062	-0.0010747	-0.0008165
2112	473419.83, 3848032.25	0.86943	8.96896	6.72338	-0.00011	-0.0011347	-0.0008506	-5.141E-05	-0.0005304	-0.0003976	-0.0001015	-0.0010474	-0.0007852
2113	473419.83, 3848057.25	0.83385	8.7557	6.47774	-0.0001055	-0.0011077	-0.0008195	-4.931E-05	-0.0005178	-0.0003831	-9.738E-05	-0.0010225	-0.0007565
2114	473444.83, 3847682.25	4.10478	26.21	23.2096	-0.0005193	-0.0033159	-0.0029363	-0.0002427	-0.0015499	-0.0013725	-0.0004794	-0.0030609	-0.0027105
2115	473444.83, 3847707.25	3.17687	22.2787	19.2924	-0.0004019	-0.0028186	-0.0024408	-0.0001879	-0.0013174	-0.0011408	-0.000371	-0.0026018	-0.002253
2116	473444.83, 3847732.25	2.56682	19.2387	16.3568	-0.0003247	-0.002434	-0.0020694	-0.0001518	-0.0011377	-0.0009672	-0.0002998	-0.0022467	-0.0019102
2117	473444.83, 3847757.25	2.15463	16.9101	13.989	-0.0002726	-0.0021394	-0.0017698	-0.0001274	-0.001	-0.0008272	-0.0002516	-0.0019748	-0.0016337
2118	473444.83, 3847782.25	1.86711	15.118	12.4427	-0.0002362	-0.0019126	-0.0015742	-0.0001104	-0.000894	-0.0007358	-0.000218	-0.0017655	-0.0014531
2119	473444.83, 3847807.25	1.65876	13.7287	11.2661	-0.0002099	-0.0017369	-0.0014253	-9.809E-05	-0.0008118	-0.0006662	-0.0001937	-0.0016033	-0.0013157
2120	473444.83, 3847832.25	1.50165	12.6791	10.4472	-0.00019	-0.0016041	-0.0013217	-8.88E-05	-0.0007498	-0.0006178	-0.0001754	-0.0014807	-0.0012201
2121	473444.83, 3847857.25	1.3766	11.9189	9.76048	-0.0001742	-0.0015079	-0.0012348	-8.14E-05	-0.0007048	-0.0005772	-0.0001608	-0.0013919	-0.0011399
2122	473444.83, 3847882.25	1.27397	11.3048	9.14884	-0.0001612	-0.0014302	-0.0011575	-7.534E-05	-0.0006685	-0.000541	-0.0001488	-0.0013202	-0.0010684
2123	473444.83, 3847907.25	1.18758	10.7934	8.67559	-0.0001502	-0.0013655	-0.0010976	-7.023E-05	-0.0006383	-0.000513	-0.0001387	-0.0012605	-0.0010132
2124	473444.83, 3847932.25	1.11322	10.3542	8.23651	-0.0001408	-0.0013099	-0.001042	-6.583E-05	-0.0006123	-0.0004871	-0.00013	-0.0012092	-0.0009619
2125	473444.83, 3847957.25	1.04965	9.98248	7.86171	-0.0001328	-0.0012629	-0.0009946	-6.207E-05	-0.0005903	-0.0004649	-0.0001226	-0.0011658	-0.0009181
2126	473444.83, 3847982.25	0.99475	9.66506	7.51739	-0.0001258	-0.0012228	-0.0009511	-5.882E-05	-0.0005715	-0.0004445	-0.0001162	-0.0011287	-0.0008779
2127	473444.83, 3848007.25	0.94718	9.39451	7.16963	-0.0001198	-0.0011885	-0.0009071	-5.601E-05	-0.0005555	-0.000424	-0.0001106	-0.0010971	-0.0008373
2128	473444.83, 3848032.25	0.90524	9.15717	6.89231	-0.0001145	-0.0011585	-0.000872	-5.353E-05	-0.0005415	-0.0004076	-0.0001057	-0.0010694	-0.0008049
2129	473444.83, 3848057.25	0.86658	8.93102	6.63065	-0.0001096	-0.0011299	-0.0008389	-5.124E-05	-0.0005281	-0.0003921	-0.0001012	-0.001043	-0.0007743
2130	473444.83, 3848082.25	0.82817	8.68511	6.36113	-0.0001048	-0.0010988	-0.0008048	-4.897E-05	-0.0005136	-0.0003762	-9.672E-05	-0.0010143	-0.0007429
2131	473469.83, 3847707.25	3.72623	24.496	21.4841	-0.0004714	-0.0030991	-0.002718	-0.0002203	-0.0014485	-0.0012704	-0.0004352	-0.0028607	-0.002509
2132	473469.83, 3847732.25	2.97275	21.2291	18.2989	-0.0003761	-0.0026858	-0.0023151	-0.0001758	-0.0012554	-0.0010821	-0.0003472	-0.0024792	-0.002137
2133	473469.83, 3847757.25	2.45454	18.6069	15.7372	-0.0003105	-0.002354	-0.001991	-0.0001451	-0.0011003	-0.0009306	-0.0002866	-0.002173	-0.0018378
2134	473469.83, 3847782.25	2.06829	16.3678	13.4608	-0.0002617	-0.0020707	-0.001703	-0.0001223	-0.0009679	-0.000796	-0.0002415	-0.0019115	-0.001572
2135	473469.83, 3847807.25	1.79373	14.6128	11.9693	-0.0002269	-0.0018487	-0.0015143	-0.0001061	-0.0008641	-0.0007078	-0.0002095	-0.0017065	-0.0013978
2136	473469.83, 3847832.25	1.61012	13.3713	10.8937	-0.0002037	-0.0016917	-0.0013782	-9.521E-05	-0.0007907	-0.0006442	-0.000188	-0.0015615	-0.0012722
2137	473469.83, 3847857.25	1.4644	12.3405	10.1243	-0.0001853	-0.0015612	-0.0012809	-8.66E-05	-0.0007297	-0.0005987	-0.000171	-0.0014412	-0.0011823
2138	473469.83, 3847882.25	1.34612	11.6433	9.47386	-0.0001703	-0.001473	-0.0011986	-7.96E-05	-0.0006885	-0.0005602	-0.0001572	-0.0013597	-0.0011064
2139	473469.83, 3847907.25	1.24832	11.072	8.91834	-0.0001579	-0.0014008	-0.0011283	-7.382E-05	-0.0006547	-0.0005274	-0.0001458	-0.001293	-0.0010415
2140	473469.83, 3847932.25	1.16553	10.5903	8.44139	-0.0001475	-0.0013398	-0.001068	-6.892E-05	-0.0006262	-0.0004992	-0.0001361	-0.0012368	-0.0009858
2141	473469.83, 3847957.25	1.09595	10.1913	8.04146	-0.0001387	-0.0012893	-0.0010174	-6.481E-05	-0.0006027	-0.0004755	-0.000128	-0.0011902	-0.0009391
2142	473469.83, 3847982.25	1.03535	9.84448	7.69436	-0.000131	-0.0012455	-0.0009734	-6.122E-05	-0.0005821	-0.000455	-0.0001209	-0.0011497	-0.0008986
2143	473469.83, 3848007.25	0.98442	9.5632	7.40952	-0.0001245	-0.0012099	-0.0009374	-5.821E-05	-0.0005655	-0.0004382	-0.000115	-0.0011168	-0.0008653
2144	473469.83, 3848032.25	0.93821	9.30327	7.05636	-0.0001187	-0.001177	-0.0008927	-5.548E-05	-0.0005501	-0.0004173	-0.0001096	-0.0010865	-0.0008241
2145	473469.83, 3848057.25	0.89338	9.03269	6.73084	-0.000113	-0.0011428	-0.0008515	-5.283E-05	-0.0005341	-0.000398	-0.0001043	-0.0010549	-0.000786
2146	473469.83, 3848082.25	0.85601	8.81717	6.47713	-0.0001083	-0.0011155	-0.0008194	-5.062E-05	-0.0005214	-0.000383	-9.997E-05	-0.0010297	-0.0007564
2147	473494.83, 3847707.25	4.59158	27.8768	24.9631	-0.0005809	-0.0035268	-0.0031582	-0.0002715	-0.0016485	-0.0014762	-0.0005362	-0.0032555	-0.0029153
2148	473494.83, 3847732.25	3.48051	23.4454	20.3655	-0.0004403	-0.0029662	-0.0025765	-0.0002058	-0.0013864	-0.0012043	-0.0004065	-0.002738	-0.0023783
2149	473494.83, 3847757.25	2.79961	20.33	17.5183	-0.0003542	-0.002572	-0.0022163	-0.0001656	-0.0012022	-0.0010359	-0.0003269	-0.0023742	-0.0020458
2150	473494.83, 3847782.25	2.32115	17.8106	14.9254	-0.0002937	-0.0022533	-0.0018883	-0.0001373	-0.0010532	-0.0008826	-0.0002711	-0.00208	-0.001743
2151	473494.83, 3847807.25	1.96622	15.6979	12.8335	-0.0002488	-0.001986	-0.0016236	-0.0001163	-0.0009283	-0.0007589	-0.0002296	-0.0018332	-0.0014987

2152	473494.83, 3847832.25	1.73916	14.241	11.593	-0.00022	-0.0018017	-0.0014667	-0.0001028	-0.0008421	-0.0006855	-0.0002031	-0.0016631	-0.0013539
2153	473494.83, 3847857.25	1.56811	13.0668	10.5931	-0.0001984	-0.0016531	-0.0013402	-9.273E-05	-0.0007727	-0.0006264	-0.0001831	-0.001526	-0.0012371
2154	473494.83, 3847882.25	1.43187	12.0842	9.86098	-0.0001812	-0.0015288	-0.0012475	-8.467E-05	-0.0007146	-0.0005831	-0.0001672	-0.0014112	-0.0011516
2155	473494.83, 3847907.25	1.31992	11.4177	9.331	-0.000167	-0.0014445	-0.0011805	-7.805E-05	-0.0006752	-0.0005518	-0.0001541	-0.0013334	-0.0010897
2156	473494.83, 3847932.25	1.22733	10.8894	8.71897	-0.0001553	-0.0013777	-0.0011031	-7.258E-05	-0.0006439	-0.0005156	-0.0001433	-0.0012717	-0.0010182
2157	473494.83, 3847957.25	1.14926	10.4467	8.27491	-0.0001454	-0.0013217	-0.0010469	-6.796E-05	-0.0006178	-0.0004893	-0.0001342	-0.00122	-0.0009664
2158	473494.83, 3847982.25	1.08177	10.0638	7.88168	-0.0001369	-0.0012732	-0.0009971	-6.397E-05	-0.0005951	-0.0004661	-0.0001263	-0.0011753	-0.0009204
2159	473494.83, 3848007.25	1.02504	9.75113	7.56797	-0.0001297	-0.0012337	-0.0009575	-6.061E-05	-0.0005766	-0.0004475	-0.0001197	-0.0011388	-0.0008838
2160	473494.83, 3848032.25	0.97439	9.46959	7.28605	-0.0001233	-0.001198	-0.0009218	-5.762E-05	-0.00056	-0.0004309	-0.0001138	-0.0011059	-0.0008509
2161	473494.83, 3848057.25	0.92668	9.19119	6.9283	-0.0001172	-0.0011628	-0.0008765	-5.48E-05	-0.0005435	-0.0004097	-0.0001082	-0.0010734	-0.0008091
2162	473494.83, 3848082.25	0.88585	8.95966	6.60517	-0.0001121	-0.0011335	-0.0008356	-5.238E-05	-0.0005298	-0.0003906	-0.0001035	-0.0010463	-0.0007714
2163	473494.83, 3848107.25	0.85104	8.76877	6.37689	-0.0001077	-0.0011094	-0.0008068	-5.033E-05	-0.0005185	-0.0003771	-9.939E-05	-0.001024	-0.0007447
2164	473519.83, 3847732.25	4.16991	26.2142	23.1665	-0.0005276	-0.0033165	-0.0029309	-0.0002466	-0.0015502	-0.0013699	-0.000487	-0.0030614	-0.0027054
2165	473519.83, 3847757.25	3.20677	22.1117	19.191	-0.0004057	-0.0027974	-0.0024279	-0.0001896	-0.0013076	-0.0011348	-0.0003745	-0.0025823	-0.0022412
2166	473519.83, 3847782.25	2.60441	19.2293	16.3955	-0.0003295	-0.0024328	-0.0020743	-0.000154	-0.0011371	-0.0009695	-0.0003041	-0.0022457	-0.0019147
2167	473519.83, 3847807.25	2.19051	17.003	14.0997	-0.0002771	-0.0021511	-0.0017838	-0.0001295	-0.0010055	-0.0008338	-0.0002558	-0.0019857	-0.0016466
2168	473519.83, 3847832.25	1.89096	15.2043	12.3447	-0.0002392	-0.0019236	-0.0015618	-0.0001118	-0.0008991	-0.00073	-0.0002208	-0.0017756	-0.0014416
2169	473519.83, 3847857.25	1.68599	13.8755	11.2313	-0.0002133	-0.0017554	-0.0014209	-9.97E-05	-0.0008205	-0.0006642	-0.0001969	-0.0016204	-0.0013116
2170	473519.83, 3847882.25	1.52822	12.7803	10.3243	-0.0001933	-0.0016169	-0.0013062	-9.037E-05	-0.0007558	-0.0006105	-0.0001785	-0.0014925	-0.0012057
2171	473519.83, 3847907.25	1.40075	11.8462	9.70568	-0.0001772	-0.0014987	-0.0012279	-8.283E-05	-0.0007005	-0.0005739	-0.0001636	-0.0013834	-0.0011335
2172	473519.83, 3847932.25	1.2958	11.2205	9.20645	-0.0001639	-0.0014196	-0.0011647	-7.663E-05	-0.0006635	-0.0005444	-0.0001513	-0.0013104	-0.0010752
2173	473519.83, 3847957.25	1.20825	10.7313	8.54172	-0.0001529	-0.0013577	-0.0010806	-7.145E-05	-0.0006346	-0.0005051	-0.0001411	-0.0012532	-0.0009975
2174	473519.83, 3847982.25	1.13335	10.3126	8.10552	-0.0001434	-0.0013047	-0.0010255	-6.702E-05	-0.0006098	-0.0004793	-0.0001324	-0.0012043	-0.0009466
2175	473519.83, 3848007.25	1.06893	9.9542	7.73974	-0.0001352	-0.0012593	-0.0009792	-6.321E-05	-0.0005886	-0.0004577	-0.0001248	-0.0011625	-0.0009039
2176	473519.83, 3848032.25	1.01306	9.64603	7.43293	-0.0001282	-0.0012204	-0.0009404	-5.991E-05	-0.0005704	-0.0004395	-0.0001183	-0.0011265	-0.000868
2177	473519.83, 3848057.25	0.96376	9.37481	7.16349	-0.0001219	-0.001186	-0.0009063	-5.699E-05	-0.0005544	-0.0004236	-0.0001126	-0.0010948	-0.0008366
2178	473519.83, 3848082.25	0.91845	9.11872	6.818	-0.0001162	-0.0011536	-0.0008626	-5.431E-05	-0.0005392	-0.0004032	-0.0001073	-0.0010649	-0.0007962
2179	473519.83, 3848107.25	0.87849	8.89386	6.50932	-0.0001111	-0.0011252	-0.0008235	-5.195E-05	-0.0005259	-0.0003849	-0.0001026	-0.0010386	-0.0007602
2180	473544.83, 3847757.25	3.72247	24.1425	21.2125	-0.0004709	-0.0030544	-0.0026837	-0.0002201	-0.0014276	-0.0012544	-0.0004347	-0.0028194	-0.0024772
2181	473544.83, 3847782.25	2.96059	20.8436	18.0614	-0.0003746	-0.002637	-0.002285	-0.0001751	-0.0012326	-0.001068	-0.0003457	-0.0024342	-0.0021093
2182	473544.83, 3847807.25	2.46161	18.4245	15.586	-0.0003114	-0.002331	-0.0019718	-0.0001456	-0.0010895	-0.0009217	-0.0002875	-0.0021517	-0.0018202
2183	473544.83, 3847832.25	2.08044	16.3116	13.3946	-0.0002632	-0.0020636	-0.0016946	-0.000123	-0.0009646	-0.0007921	-0.000243	-0.0019049	-0.0015643
2184	473544.83, 3847857.25	1.82419	14.7639	11.9066	-0.0002308	-0.0018678	-0.0015064	-0.0001079	-0.0008731	-0.0007041	-0.000213	-0.0017242	-0.0013905
2185	473544.83, 3847882.25	1.63618	13.533	10.8967	-0.000207	-0.0017121	-0.0013786	-9.675E-05	-0.0008003	-0.0006444	-0.0001911	-0.0015804	-0.0012725
2186	473544.83, 3847907.25	1.48996	12.5061	10.1026	-0.0001885	-0.0015822	-0.0012781	-8.811E-05	-0.0007395	-0.0005974	-0.000174	-0.0014605	-0.0011798
2187	473544.83, 3847932.25	1.36994	11.6114	9.55542	-0.0001733	-0.001469	-0.0012089	-8.101E-05	-0.0006866	-0.0005651	-0.00016	-0.001356	-0.0011159
2188	473544.83, 3847957.25	1.27114	11.0258	8.99586	-0.0001608	-0.0013949	-0.0011381	-7.517E-05	-0.000652	-0.000532	-0.0001484	-0.0012876	-0.0010506
2189	473544.83, 3847982.25	1.18864	10.5733	8.36499	-0.0001504	-0.0013377	-0.0010583	-7.029E-05	-0.0006252	-0.0004947	-0.0001388	-0.0012348	-0.0009769
2190	473544.83, 3848007.25	1.11677	10.1759	7.93175	-0.0001413	-0.0012874	-0.0010035	-6.604E-05	-0.0006017	-0.000469	-0.0001304	-0.0011884	-0.0009263
2191	473544.83, 3848032.25	1.05439	9.83179	7.58917	-0.0001334	-0.0012439	-0.0009601	-6.235E-05	-0.0005814	-0.0004488	-0.0001231	-0.0011482	-0.0008863
2192	473544.83, 3848057.25	1.00064	9.54079	7.30073	-0.0001266	-0.001207	-0.0009236	-5.917E-05	-0.0005642	-0.0004317	-0.0001169	-0.0011142	-0.0008526
2193	473544.83, 3848082.25	0.95102	9.26373	7.03186	-0.0001203	-0.001172	-0.0008896	-5.624E-05	-0.0005478	-0.0004158	-0.0001111	-0.0010818	-0.0008212
2194	473544.83, 3848107.25	0.9076	9.02386	6.68553	-0.0001148	-0.0011416	-0.0008458	-5.367E-05	-0.0005336	-0.0003953	-0.000106	-0.0010538	-0.0007808
2195	473544.83, 3848132.25	0.86857	8.80384	6.46376	-0.0001099	-0.0011138	-0.0008178	-5.136E-05	-0.0005206	-0.0003822	-0.0001014	-0.0010281	-0.0007549
2196	473569.83, 3847757.25	4.46813	26.9897	24.1213	-0.0005653	-0.0034146	-0.0030517	-0.0002642	-0.001596	-0.0014264	-0.0005218	-0.0031519	-0.002817
2197	473569.83, 3847782.25	3.40566	22.6876	19.7775	-0.0004309	-0.0028703	-0.0025021	-0.0002014	-0.0013416	-0.0011695	-0.0003977	-0.0026495	-0.0023097
2198	473569.83, 3847807.25	2.74562	19.7022	16.9587	-0.0003474	-0.0024926	-0.0021455	-0.0001624	-0.0011651	-0.0010028	-0.0003206	-0.0023009	-0.0019805
2199	473569.83, 3847832.25	2.31681	17.5741	14.8013	-0.0002931	-0.0022234	-0.0018726	-0.000137	-0.0010392	-0.0008753	-0.0002706	-0.0020523	-0.0017285
2200	473569.83, 3847857.25	1.99141	15.7512	12.8199	-0.0002519	-0.0019927	-0.0016219	-0.0001178	-0.0009314	-0.0007581	-0.0002326	-0.0018395	-0.0014971
2201	473569.83, 3847882.25	1.76114	14.3459	11.4988	-0.0002228	-0.0018149	-0.0014548	-0.0001041	-0.0008483	-0.00068	-0.0002057	-0.0016753	-0.0013429
2202	473569.83, 3847907.25	1.59019	13.217	10.5868	-0.0002012	-0.0016721	-0.0013394	-9.403E-05	-0.0007816	-0.000626	-0.0001857	-0.0015435	-0.0012364
2203	473569.83, 3847932.25	1.45395	12.247	9.942	-0.0001839	-0.0015494	-0.0012578	-8.598E-05	-0.0007242	-0.0005879	-0.0001698	-0.0014302	-0.0011611
2204	473569.83, 3847957.25	1.34028	11.3834	9.41317	-0.0001696	-0.0014402	-0.0011909	-7.926E-05	-0.0006731	-0.0005566	-0.0001565	-0.0013294	-0.0010993
2205	473569.83, 3847982.25	1.24819	10.8484	8.79899	-0.0001579	-0.0013725	-0.0011132	-7.381E-05	-0.0006415	-0.0005203	-0.0001458	-0.0012669	-0.0010276
2206	473569.83, 3848007.25	1.16925	10.4197	8.19879	-0.0001479	-0.0013182	-0.0010373	-6.914E-05	-0.0006162	-0.0004848	-0.0001365	-0.0012168	-0.0009575
2207	473569.83, 3848032.25	1.10062	10.0461	7.78349	-0.0001392	-0.001271	-0.0009847	-6.508E-05	-0.0005941	-0.0004603	-0.0001285	-0.0011732	-0.000909
2208	473569.83, 3848057.25	1.04088	9.72336	7.45363	-0.0001317	-0.0012301	-0.000943	-6.155E-05	-0.000575	-0.0004408	-0.0001216	-0.0011355	-0.0008705
2209	473569.83, 3848082.25	0.98713	9.42943	7.16833	-0.0001249	-0.001193	-0.0009069	-5.837E-05	-0.0005576	-0.0004239	-0.0001153	-0.0011012	-0.0008371
2210	473569.83, 3848107.25	0.93985	9.17246	6.91883	-0.0001189	-0.0011604	-0.0008753	-5.558E-05	-0.0005424	-0.0004091	-0.0001098	-0.0010712	-0.000808
2211	473569.83, 3848132.25	0.89774	8.94108	6.61084	-0.0001136	-0.0011312	-0.0008364	-5.309E-05	-0.0005287	-0.0003909	-0.0001048	-0.0010442	-0.000772
2212	473594.83, 3847782.25	3.95136	24.7154	21.8618	-0.0004999	-0.0031268	-0.0027658	-0.0002337	-0.0014615	-0.0012928	-0.0004615	-0.0028863	-0.0025531
2213	473594.83, 3847807.25	3.10167	21.1815	18.4433	-0.0003924	-0.0026798	-0.0023333	-0.0001834	-0.0012525	-0.0010906	-0.0003622	-0.0024736	-0.0021539
2214	473594.83, 3847832.25	2.57127	18.7663	16.0136	-0.0003253	-0.0023742	-0.0020259	-0.000152	-0.0011097	-0.000947	-0.0003003	-0.0021916	-0.0018701
2215	473594.83, 3847857.25	2.20503	16.9187	14.1824	-0.000279	-0.0021404	-0.0017943	-0.0001304	-0.0010005	-0.0008387	-0.0002575	-0.0019758	-0.0016563
2216	473594.83, 3847882.25	1.92329	15.33	12.3723	-0.0002433	-0.0019394	-0.0015653	-0.0001137	-0.0009065	-0.0007316	-0.0002246	-0.0017903	-0.0014449
2217	473594.83, 3847907.25	1.70776	13.9952	11.1463	-0.0002161	-0.0017706	-0.0014102	-0.000101	-0.0008276	-0.0006591	-0.0001994	-0.0016344	-0.0013017
2218	473594.83, 3847932.25	1.54631	12.9129	10.3495	-0.0001956	-0.0016337	-0.0013093	-9.144E-05	-0.0007636	-0.000612	-0.0001806	-0.001508	-0.0012086
2219	473594.83, 3847957.25	1.41783	11.9823	9.77825	-0.0001794	-0.0015159	-0.0012371	-8.384E-05	-0.0007086	-0.0005782	-0.0001656	-0.0013993	-0.0011419
2220	473594.83, 3847982.25	1.31374	11.1727	9.24874	-0.0001662	-0.0014135	-0.0011701	-7.769E-05	-0.0006607	-0.0005469	-0.0001534	-0.0013048	-0.0010801
2221	473594.83, 3848007.25	1.22657	10.6847	8.60483	-0.0001552	-0.0013518	-0.0010886	-7.253E-05	-0.0006318	-0.0005088	-0.0001432	-0.0012478	-0.0010049
2222	473594.83, 3848032.25	1.15177	10.2863	8.04366	-0.0001457	-0.0013014	-0.0010176	-6.811E-05	-0.0006083	-0.0004757	-0.0001345	-0.0012013	-0.0009394
2223	473594.83, 3848057.25	1.08649	9.93978	7.68185	-0.0001375	-0.0012575	-0.0009719	-6.425E-05	-0.0005878	-0.0004543	-0.0001269	-0.0011608	-0.0008971
2224	473594.83, 3848082.25	1.02925	9.63815	7.34081	-0.0001302	-0.0012194	-0.0009287	-6.086E-05	-0.0005699	-0.0004341	-0.0001202	-0.0011256	-0.0008573
2225	473594.83, 3848107.25	0.97511	9.33633	7.05157	-0.0001234	-0.0011812	-0.0008921	-5.766E-05	-0.0005521	-0.000417	-0.0001139	-0.0010903	-0.0008235
2226	473594.83, 3848132.25	0.92997	9.09578	6.8043	-0.0001177	-0.0011507	-0.0008608	-5.499E-05	-0.0005379	-0.0004024	-0.0001086	-0.0010622	-0.0007946
2227	473594.83, 3848157.25	0.89029	8.8837	6.58631	-0.0001126	-0.0011239	-0.0008333	-5.265E-05	-0.0005253	-0.0003895	-0.000104	-0.0010375	-0.0007692
2228	473619.83, 3847782.25	4.72821	27.4699	24.7257	-0.0005982	-0.0034753	-0.0031281	-0.0002796	-0.0016244	-0.0014621	-0.0005522	-0.003208	-0.0028875

2229	473619.83, 3847807.25	3.55326	22.9244	20.0451	-0.0004495	-0.0029003	-0.002536	-0.0002101	-0.0013556	-0.0011853	-0.000415	-0.0026772	-0.0023409
2230	473619.83, 3847832.25	2.88147	20.1043	17.3864	-0.0003645	-0.0025435	-0.0021996	-0.0001704	-0.0011888	-0.0010281	-0.0003365	-0.0023478	-0.0020304
2231	473619.83, 3847857.25	2.44469	18.0966	15.305	-0.0003093	-0.0022895	-0.0019363	-0.0001446	-0.0010701	-0.000905	-0.0002855	-0.0021134	-0.0017874
2232	473619.83, 3847882.25	2.11154	16.3714	13.5933	-0.0002671	-0.0020712	-0.0017197	-0.0001249	-0.0009681	-0.0008038	-0.0002466	-0.0019119	-0.0015875
2233	473619.83, 3847907.25	1.85386	14.8931	11.9113	-0.0002345	-0.0018842	-0.0015069	-0.0001096	-0.0008807	-0.0007044	-0.0002165	-0.0017393	-0.001391
2234	473619.83, 3847932.25	1.65906	13.6739	10.86	-0.0002099	-0.0017299	-0.0013739	-9.811E-05	-0.0008086	-0.0006422	-0.0001937	-0.0015969	-0.0012683
2235	473619.83, 3847957.25	1.50681	12.6352	10.1914	-0.0001906	-0.0015985	-0.0012893	-8.91E-05	-0.0007472	-0.0006027	-0.000176	-0.0014756	-0.0011902
2236	473619.83, 3847982.25	1.38676	11.7463	9.64558	-0.0001754	-0.0014861	-0.0012203	-8.2E-05	-0.0006946	-0.0005704	-0.0001619	-0.0013718	-0.0011264
2237	473619.83, 3848007.25	1.28831	10.9654	9.01784	-0.000163	-0.0013873	-0.0011409	-7.618E-05	-0.0006484	-0.0005333	-0.0001505	-0.0012806	-0.0010531
2238	473619.83, 3848032.25	1.20429	10.5183	8.39129	-0.0001524	-0.0013307	-0.0010616	-7.121E-05	-0.000622	-0.0004962	-0.0001406	-0.0012284	-0.00098
2239	473619.83, 3848057.25	1.13093	10.1267	7.91161	-0.0001431	-0.0012812	-0.0010009	-6.688E-05	-0.0005988	-0.0004678	-0.0001321	-0.0011826	-0.0009239
2240	473619.83, 3848082.25	1.06886	9.8047	7.54912	-0.0001352	-0.0012404	-0.0009551	-6.321E-05	-0.0005798	-0.0004464	-0.0001248	-0.001145	-0.0008816
2241	473619.83, 3848107.25	1.0121	9.50141	7.18648	-0.000128	-0.0012021	-0.0009092	-5.985E-05	-0.0005619	-0.000425	-0.0001182	-0.0011096	-0.0008393
2242	473619.83, 3848132.25	0.96392	9.25256	6.93867	-0.0001219	-0.0011706	-0.0008778	-5.7E-05	-0.0005471	-0.0004103	-0.0001126	-0.0010805	-0.0008103
2243	473619.83, 3848157.25	0.92203	9.03969	6.72541	-0.0001166	-0.0011436	-0.0008509	-5.452E-05	-0.0005346	-0.0003977	-0.0001077	-0.0010557	-0.0007854
2244	473619.83, 3848182.25	0.88557	8.85594	6.54545	-0.000112	-0.0011204	-0.0008281	-5.237E-05	-0.0005237	-0.0003871	-0.0001034	-0.0010342	-0.0007644
2245	473644.83, 3847807.25	4.18468	25.2638	22.4562	-0.0005294	-0.0031962	-0.002841	-0.0002475	-0.001494	-0.0013279	-0.0004887	-0.0029504	-0.0026225
2246	473644.83, 3847832.25	3.28578	21.758	19.1812	-0.0004157	-0.0027527	-0.0024267	-0.0001943	-0.0012866	-0.0011343	-0.0003837	-0.002541	-0.00224
2247	473644.83, 3847857.25	2.71591	19.296	16.5533	-0.0003436	-0.0024412	-0.0020942	-0.0001606	-0.0011411	-0.0009789	-0.0003172	-0.0022534	-0.0019331
2248	473644.83, 3847882.25	2.31848	17.4007	14.5328	-0.0002933	-0.0022014	-0.0018386	-0.0001371	-0.001029	-0.0008594	-0.0002708	-0.0020321	-0.0016972
2249	473644.83, 3847907.25	2.02514	15.8611	13.0091	-0.0002562	-0.0020066	-0.0016458	-0.0001198	-0.0009379	-0.0007693	-0.0002365	-0.0018523	-0.0015192
2250	473644.83, 3847932.25	1.79828	14.5487	11.5786	-0.0002275	-0.0018406	-0.0014648	-0.0001063	-0.0008603	-0.0006847	-0.00021	-0.001699	-0.0013522
2251	473644.83, 3847957.25	1.6093	13.3355	10.6611	-0.0002036	-0.0016871	-0.0013488	-9.516E-05	-0.0007886	-0.0006304	-0.0001879	-0.0015574	-0.001245
2252	473644.83, 3847982.25	1.46883	12.3563	10.0357	-0.0001858	-0.0015632	-0.0012697	-8.686E-05	-0.0007307	-0.0005935	-0.0001715	-0.001443	-0.001172
2253	473644.83, 3848007.25	1.3564	11.5009	9.44852	-0.0001716	-0.001455	-0.0011954	-8.021E-05	-0.0006801	-0.0005587	-0.0001584	-0.0013431	-0.0011034
2254	473644.83, 3848032.25	1.2626	10.7814	8.77001	-0.0001597	-0.001364	-0.0011095	-7.466E-05	-0.0006375	-0.0005186	-0.0001474	-0.0012591	-0.0010242
2255	473644.83, 3848057.25	1.18228	10.359	8.17584	-0.0001496	-0.0013106	-0.0010344	-6.991E-05	-0.0006126	-0.0004835	-0.0001381	-0.0012098	-0.0009548
2256	473644.83, 3848082.25	1.1143	10.0095	7.7985	-0.000141	-0.0012663	-0.0009866	-6.589E-05	-0.0005919	-0.0004612	-0.0001301	-0.0011689	-0.0009107
2257	473644.83, 3848107.25	1.05573	9.71413	7.43739	-0.0001336	-0.001229	-0.0009409	-6.243E-05	-0.0005744	-0.0004398	-0.0001233	-0.0011344	-0.0008686
2258	473644.83, 3848132.25	1.00366	9.45114	7.11462	-0.000127	-0.0011957	-0.0009001	-5.935E-05	-0.0005589	-0.0004207	-0.0001172	-0.0011037	-0.0008309
2259	473644.83, 3848157.25	0.95941	9.23775	6.93119	-0.0001214	-0.0011687	-0.0008769	-5.673E-05	-0.0005463	-0.0004099	-0.000112	-0.0010788	-0.0008094
2260	473644.83, 3848182.25	0.92214	9.06859	6.70703	-0.0001167	-0.0011473	-0.0008485	-5.453E-05	-0.0005363	-0.0003966	-0.0001077	-0.0010591	-0.0007833
2261	473669.83, 3847807.25	5.08789	28.4503	25.6618	-0.0006437	-0.0035994	-0.0032466	-0.0003009	-0.0016824	-0.0015175	-0.0005942	-0.0033225	-0.0029969
2262	473669.83, 3847832.25	3.79655	23.7018	20.9552	-0.0004803	-0.0029986	-0.0026511	-0.0002245	-0.0014016	-0.0012392	-0.0004434	-0.002768	-0.0024472
2263	473669.83, 3847857.25	3.05196	20.6925	18.1701	-0.0003861	-0.0026179	-0.0022988	-0.0001805	-0.0012236	-0.0010745	-0.0003564	-0.0024165	-0.002122
2264	473669.83, 3847882.25	2.55785	18.4895	15.7039	-0.0003236	-0.0023392	-0.0019868	-0.0001513	-0.0010934	-0.0009286	-0.0002987	-0.0021593	-0.0018339
2265	473669.83, 3847907.25	2.20574	16.7711	13.8298	-0.0002791	-0.0021218	-0.0017497	-0.0001304	-0.0009917	-0.0008178	-0.0002576	-0.0019586	-0.0016151
2266	473669.83, 3847932.25	1.94319	15.3675	12.4323	-0.0002458	-0.0019442	-0.0015729	-0.0001149	-0.0009087	-0.0007352	-0.0002269	-0.0017947	-0.0014519
2267	473669.83, 3847957.25	1.73272	14.1193	11.2282	-0.0002192	-0.0017863	-0.0014205	-0.0001025	-0.0008349	-0.000664	-0.0002024	-0.0016489	-0.0013113
2268	473669.83, 3847982.25	1.5658	13.0287	10.4977	-0.0001981	-0.0016483	-0.0013281	-9.259E-05	-0.0007704	-0.0006208	-0.0001829	-0.0015215	-0.001226
2269	473669.83, 3848007.25	1.434	12.0839	9.87575	-0.0001814	-0.0015288	-0.0012494	-8.48E-05	-0.0007146	-0.000584	-0.0001675	-0.0014112	-0.0011533
2270	473669.83, 3848032.25	1.32778	11.2547	9.17396	-0.000168	-0.0014239	-0.0011606	-7.852E-05	-0.0006655	-0.0005425	-0.0001551	-0.0013144	-0.0010714
2271	473669.83, 3848057.25	1.24006	10.628	8.54601	-0.0001569	-0.0013446	-0.0010812	-7.333E-05	-0.0006285	-0.0005054	-0.0001448	-0.0012412	-0.000998
2272	473669.83, 3848082.25	1.166	10.2527	8.07286	-0.0001475	-0.0012971	-0.0010213	-6.895E-05	-0.0006063	-0.0004774	-0.0001362	-0.0011973	-0.0009428
2273	473669.83, 3848107.25	1.10453	9.9569	7.72171	-0.0001397	-0.0012597	-0.0009769	-6.532E-05	-0.0005888	-0.0004566	-0.000129	-0.0011628	-0.0009018
2274	473669.83, 3848132.25	1.05	9.69623	7.39437	-0.0001328	-0.0012267	-0.0009355	-6.209E-05	-0.0005734	-0.0004373	-0.0001226	-0.0011324	-0.0008635
2275	473669.83, 3848157.25	1.00323	9.48307	7.14683	-0.0001269	-0.0011997	-0.0009042	-5.933E-05	-0.0005608	-0.0004226	-0.0001172	-0.0011075	-0.0008346
2276	473669.83, 3848182.25	0.96191	9.29681	6.91278	-0.0001217	-0.0011762	-0.0008746	-5.688E-05	-0.0005498	-0.0004088	-0.0001123	-0.0010857	-0.0008073
2277	473669.83, 3848207.25	0.91951	9.07017	6.67323	-0.0001163	-0.0011475	-0.0008443	-5.437E-05	-0.0005364	-0.0003946	-0.0001074	-0.0010592	-0.0007793
2278	473694.83, 3847832.25	4.47656	26.103	23.3245	-0.0005663	-0.0033024	-0.0029509	-0.0002647	-0.0015436	-0.0013793	-0.0005228	-0.0030484	-0.0027239
2279	473694.83, 3847857.25	3.46151	22.2556	19.768	-0.0004379	-0.0028156	-0.0025009	-0.0002047	-0.0013161	-0.001169	-0.0004042	-0.0025991	-0.0023086
2280	473694.83, 3847882.25	2.83894	19.666	17.0883	-0.0003592	-0.002488	-0.0021619	-0.0001679	-0.0011629	-0.0010105	-0.0003315	-0.0022966	-0.0019956
2281	473694.83, 3847907.25	2.41582	17.7489	14.9385	-0.0003056	-0.0022455	-0.0018899	-0.0001429	-0.0010496	-0.0008834	-0.0002821	-0.0020728	-0.0017446
2282	473694.83, 3847932.25	2.10587	16.2073	13.2585	-0.0002664	-0.0020504	-0.0016774	-0.0001245	-0.0009584	-0.000784	-0.0002459	-0.0018927	-0.0015484
2283	473694.83, 3847957.25	1.87035	14.9207	11.9399	-0.0002366	-0.0018877	-0.0015106	-0.0001106	-0.0008823	-0.0007061	-0.0002184	-0.0017425	-0.0013944
2284	473694.83, 3847982.25	1.67517	13.728	11.0056	-0.0002119	-0.0017368	-0.0013924	-9.906E-05	-0.0008118	-0.0006508	-0.0001956	-0.0016032	-0.0012853
2285	473694.83, 3848007.25	1.52194	12.6982	10.2476	-0.0001925	-0.0016065	-0.0012965	-9E-05	-0.0007509	-0.000606	-0.0001777	-0.0014829	-0.0011967
2286	473694.83, 3848032.25	1.40136	11.8141	9.61451	-0.0001773	-0.0014946	-0.0012164	-8.287E-05	-0.0006986	-0.0005685	-0.0001637	-0.0013797	-0.0011228
2287	473694.83, 3848057.25	1.30515	11.0517	8.9496	-0.0001651	-0.0013982	-0.0011322	-7.718E-05	-0.0006535	-0.0005292	-0.0001524	-0.0012906	-0.0010452
2288	473694.83, 3848082.25	1.2246	10.536	8.38483	-0.0001549	-0.0013329	-0.0010608	-7.242E-05	-0.000623	-0.0004958	-0.000143	-0.0012304	-0.0009792
2289	473694.83, 3848107.25	1.15506	10.195	8.00258	-0.0001461	-0.0012898	-0.0010124	-6.83E-05	-0.0006029	-0.0004732	-0.0001349	-0.0011906	-0.0009346
2290	473694.83, 3848132.25	1.09373	9.89666	7.65748	-0.0001384	-0.0012521	-0.0009688	-6.468E-05	-0.0005852	-0.0004528	-0.0001277	-0.0011558	-0.0008943
2291	473694.83, 3848157.25	1.04369	9.67653	7.37842	-0.000132	-0.0012242	-0.0009335	-6.172E-05	-0.0005722	-0.0004363	-0.0001219	-0.0011301	-0.0008617
2292	473694.83, 3848182.25	1.00016	9.49236	7.16288	-0.0001265	-0.0012009	-0.0009062	-5.914E-05	-0.0005613	-0.0004236	-0.0001168	-0.0011085	-0.0008365
2293	473694.83, 3848207.25	0.95127	9.22402	6.84497	-0.0001203	-0.001167	-0.000866	-5.625E-05	-0.0005455	-0.0004048	-0.0001111	-0.0010772	-0.0007994
2294	473719.83, 3847857.25	4.01281	24.2799	21.7587	-0.0005077	-0.0030717	-0.0027528	-0.0002373	-0.0014358	-0.0012867	-0.0004686	-0.0028355	-0.002541
2295	473719.83, 3847882.25	3.19519	21.092	18.5912	-0.0004042	-0.0026684	-0.002352	-0.0001889	-0.0012473	-0.0010994	-0.0003731	-0.0024632	-0.0021711
2296	473719.83, 3847907.25	2.66991	18.864	16.2288	-0.0003378	-0.0023866	-0.0020532	-0.0001579	-0.0011155	-0.0009597	-0.0003118	-0.002203	-0.0018952
2297	473719.83, 3847932.25	2.29678	17.1272	14.2062	-0.0002906	-0.0021668	-0.0017973	-0.0001358	-0.0010128	-0.0008401	-0.0002682	-0.0020002	-0.001659
2298	473719.83, 3847957.25	2.02035	15.7165	12.7542	-0.0002556	-0.0019883	-0.0016136	-0.0001195	-0.0009294	-0.0007542	-0.0002359	-0.0018354	-0.0014895
2299	473719.83, 3847982.25	1.80165	14.4773	11.5519	-0.0002279	-0.0018316	-0.0014615	-0.0001065	-0.0008561	-0.0006831	-0.0002104	-0.0016907	-0.0013491
2300	473719.83, 3848007.25	1.62294	13.3524	10.6754	-0.0002053	-0.0016893	-0.0013506	-9.597E-05	-0.0007896	-0.0006313	-0.0001895	-0.0015593	-0.0012467
2301	473719.83, 3848032.25	1.48338	12.3961	9.99515	-0.0001877	-0.0015683	-0.0012645	-8.772E-05	-0.000733	-0.0005911	-0.0001732	-0.0014476	-0.0011673
2302	473719.83, 3848057.25	1.3773	11.6114	9.38708	-0.0001742	-0.001469	-0.0011876	-8.145E-05	-0.0006866	-0.0005551	-0.0001608	-0.001356	-0.0010962
2303	473719.83, 3848082.25	1.29169	10.9229	8.80003	-0.0001634	-0.0013819	-0.0011133	-7.638E-05	-0.0006459	-0.0005204	-0.0001508	-0.0012756	-0.0010277
2304	473719.83, 3848107.25	1.20845	10.4384	8.2858	-0.0001529	-0.0013206	-0.0010483	-7.146E-05	-0.0006173	-0.00049	-0.0001411	-0.001219	-0.0009676
2305	473719.83, 3848132.25	1.13771	10.0818	7.89908	-0.0001439	-0.0012755	-0.0009993	-6.728E-05	-0.0005962	-0.0004671	-0.0001329	-0.0011774	-0.0009225

2306	473719.83, 3848157.25	1.08097	9.82295	7.58922	-0.0001368	-0.0012427	-0.0009601	-6.392E-05	-0.0005809	-0.0004488	-0.0001262	-0.0011472	-0.0008863
2307	473719.83, 3848182.25	1.0332	9.62036	7.32863	-0.0001307	-0.0012171	-0.0009272	-6.11E-05	-0.0005689	-0.0004334	-0.0001207	-0.0011235	-0.0008559
2308	473719.83, 3848207.25	0.98344	9.36705	7.04474	-0.0001244	-0.0011851	-0.0008913	-5.815E-05	-0.0005539	-0.0004166	-0.0001148	-0.0010939	-0.0008227
2309	473719.83, 3848232.25	0.94023	9.14612	6.80542	-0.000119	-0.0011571	-0.000861	-5.56E-05	-0.0005408	-0.0004024	-0.0001098	-0.0010681	-0.0007948
2310	473744.83, 3847857.25	4.77356	26.8841	24.2608	-0.0006039	-0.0034012	-0.0030693	-0.0002823	-0.0015898	-0.0014346	-0.0005575	-0.0031396	-0.0028332
2311	473744.83, 3847882.25	3.66784	22.909	20.4431	-0.000464	-0.0028983	-0.0025863	-0.0002169	-0.0013547	-0.0012089	-0.0004283	-0.0026754	-0.0023874
2312	473744.83, 3847907.25	2.98451	20.1758	17.6243	-0.0003776	-0.0025525	-0.0022297	-0.0001765	-0.0011931	-0.0010422	-0.0003485	-0.0023562	-0.0020582
2313	473744.83, 3847932.25	2.52327	18.1538	15.3838	-0.0003192	-0.0022967	-0.0019463	-0.0001492	-0.0010735	-0.0009097	-0.0002947	-0.00212	-0.0017966
2314	473744.83, 3847957.25	2.1912	16.5578	13.5139	-0.0002772	-0.0020948	-0.0017097	-0.0001296	-0.0009791	-0.0007991	-0.0002559	-0.0019337	-0.0015782
2315	473744.83, 3847982.25	1.93657	15.204	12.2412	-0.000245	-0.0019235	-0.0015487	-0.0001145	-0.0008991	-0.0007239	-0.0002262	-0.0017756	-0.0014296
2316	473744.83, 3848007.25	1.73162	13.9969	11.1157	-0.0002191	-0.0017708	-0.0014063	-0.0001024	-0.0008277	-0.0006573	-0.0002022	-0.0016346	-0.0012981
2317	473744.83, 3848032.25	1.57377	12.991	10.3667	-0.0001991	-0.0016435	-0.0013115	-9.306E-05	-0.0007682	-0.000613	-0.0001838	-0.0015171	-0.0012106
2318	473744.83, 3848057.25	1.45466	12.173	9.81306	-0.000184	-0.0015401	-0.0012415	-8.602E-05	-0.0007198	-0.0005803	-0.0001699	-0.0014216	-0.001146
2319	473744.83, 3848082.25	1.35692	11.4364	9.19307	-0.0001717	-0.0014469	-0.001163	-8.024E-05	-0.0006763	-0.0005436	-0.0001585	-0.0013356	-0.0010736
2320	473744.83, 3848107.25	1.26717	10.7088	8.58602	-0.0001603	-0.0013548	-0.0010862	-7.493E-05	-0.0006333	-0.0005077	-0.000148	-0.0012506	-0.0010027
2321	473744.83, 3848132.25	1.19103	10.3356	8.17977	-0.0001507	-0.0013076	-0.0010349	-7.043E-05	-0.0006112	-0.0004837	-0.0001391	-0.001207	-0.0009553
2322	473744.83, 3848157.25	1.12527	10.0208	7.82841	-0.0001424	-0.0012678	-0.0009904	-6.654E-05	-0.0005926	-0.0004629	-0.0001314	-0.0011703	-0.0009142
2323	473744.83, 3848182.25	1.06778	9.7494	7.51622	-0.0001351	-0.0012334	-0.0009509	-6.314E-05	-0.0005765	-0.0004445	-0.0001247	-0.0011386	-0.0008778
2324	473744.83, 3848207.25	1.01792	9.51833	7.24761	-0.0001288	-0.0012042	-0.0009169	-6.019E-05	-0.0005629	-0.0004286	-0.0001189	-0.0011116	-0.0008464
2325	473744.83, 3848232.25	0.97332	9.30699	7.01018	-0.0001231	-0.0011775	-0.0008869	-5.756E-05	-0.0005504	-0.0004145	-0.0001137	-0.0010869	-0.0008187
2326	473769.83, 3847882.25	4.30528	25.2537	22.889	-0.0005447	-0.0031949	-0.0028958	-0.0002546	-0.0014934	-0.0013535	-0.0005028	-0.0029492	-0.002673
2327	473769.83, 3847907.25	3.38487	21.7771	19.2562	-0.0004282	-0.0027551	-0.0024362	-0.0002002	-0.0012878	-0.0011387	-0.0003953	-0.0025432	-0.0022488
2328	473769.83, 3847932.25	2.80071	19.3558	16.7012	-0.0003543	-0.0024488	-0.0021129	-0.0001656	-0.0011446	-0.0009876	-0.0003271	-0.0022604	-0.0019504
2329	473769.83, 3847957.25	2.3917	17.4873	14.5677	-0.0003026	-0.0022124	-0.001843	-0.0001414	-0.0010341	-0.0008614	-0.0002793	-0.0020422	-0.0017013
2330	473769.83, 3847982.25	2.08329	15.9249	12.8689	-0.0002636	-0.0020147	-0.0016281	-0.0001232	-0.0009417	-0.000761	-0.0002433	-0.0018598	-0.0015029
2331	473769.83, 3848007.25	1.8516	14.6531	11.7889	-0.0002343	-0.0018538	-0.0014915	-0.0001095	-0.0008665	-0.0006971	-0.0002162	-0.0017112	-0.0013767
2332	473769.83, 3848032.25	1.67545	13.6135	10.7776	-0.000212	-0.0017223	-0.0013635	-9.908E-05	-0.000805	-0.0006373	-0.0001957	-0.0015898	-0.0012586
2333	473769.83, 3848057.25	1.53815	12.7345	10.1469	-0.0001946	-0.0016111	-0.0012837	-9.096E-05	-0.000753	-0.0006	-0.0001796	-0.0014872	-0.001185
2334	473769.83, 3848082.25	1.42305	11.9197	9.58567	-0.00018	-0.001508	-0.0012127	-8.415E-05	-0.0007049	-0.0005668	-0.0001662	-0.001392	-0.0011194
2335	473769.83, 3848107.25	1.33616	11.2456	8.97643	-0.000169	-0.0014227	-0.0011356	-7.901E-05	-0.000665	-0.0005308	-0.000156	-0.0013133	-0.0010483
2336	473769.83, 3848132.25	1.25086	10.6283	8.50482	-0.0001583	-0.0013446	-0.001076	-7.397E-05	-0.0006285	-0.0005029	-0.0001461	-0.0012412	-0.0009932
2337	473769.83, 3848157.25	1.17444	10.2471	8.07836	-0.0001486	-0.0012964	-0.001022	-6.945E-05	-0.000606	-0.0004777	-0.0001372	-0.0011967	-0.0009434
2338	473769.83, 3848182.25	1.10977	9.93436	7.73819	-0.0001404	-0.0012568	-0.000979	-6.563E-05	-0.0005875	-0.0004576	-0.0001296	-0.0011602	-0.0009037
2339	473769.83, 3848207.25	1.05525	9.68239	7.45474	-0.0001335	-0.001225	-0.0009431	-6.24E-05	-0.0005726	-0.0004408	-0.0001232	-0.0011307	-0.0008706
2340	473769.83, 3848232.25	1.00845	9.47344	7.17361	-0.0001276	-0.0011985	-0.0009076	-5.963E-05	-0.0005602	-0.0004242	-0.0001178	-0.0011063	-0.0008378
2341	473769.83, 3848257.25	0.96514	9.26734	6.99354	-0.0001221	-0.0011724	-0.0008848	-5.707E-05	-0.000548	-0.0004136	-0.0001127	-0.0010823	-0.0008167
2342	473794.83, 3847882.25	5.20858	28.3467	25.7934	-0.000659	-0.0035862	-0.0032632	-0.000308	-0.0016763	-0.0015253	-0.0006083	-0.0033104	-0.0030122
2343	473794.83, 3847907.25	3.90698	23.7422	21.4299	-0.0004943	-0.0030037	-0.0027112	-0.000231	-0.001404	-0.0012672	-0.0004563	-0.0027727	-0.0025026
2344	473794.83, 3847932.25	3.14217	20.7485	18.1307	-0.0003975	-0.002625	-0.0022938	-0.0001858	-0.0012269	-0.0010721	-0.000367	-0.0024231	-0.0021174
2345	473794.83, 3847957.25	2.63242	18.5409	15.7584	-0.000333	-0.0023457	-0.0019937	-0.0001557	-0.0010964	-0.0009319	-0.0003074	-0.0021653	-0.0018403
2346	473794.83, 3847982.25	2.26129	16.7617	13.7707	-0.0002861	-0.0021206	-0.0017422	-0.0001337	-0.0009912	-0.0008143	-0.0002641	-0.0019575	-0.0016082
2347	473794.83, 3848007.25	1.99061	15.3693	12.4285	-0.0002518	-0.0019444	-0.0015724	-0.0001177	-0.0009088	-0.0007349	-0.0002325	-0.0017949	-0.0014514
2348	473794.83, 3848032.25	1.78679	14.2452	11.3631	-0.0002261	-0.0018022	-0.0014376	-0.0001057	-0.0008424	-0.0006719	-0.0002087	-0.0016636	-0.001327
2349	473794.83, 3848057.25	1.62847	13.295	10.4966	-0.000206	-0.001682	-0.001328	-9.63E-05	-0.0007862	-0.0006207	-0.0001902	-0.0015526	-0.0012258
2350	473794.83, 3848082.25	1.50097	12.4511	9.92685	-0.0001899	-0.0015752	-0.0012559	-8.876E-05	-0.0007363	-0.000587	-0.0001753	-0.0014541	-0.0011593
2351	473794.83, 3848107.25	1.40971	11.7934	9.40648	-0.0001783	-0.001492	-0.00119	-8.336E-05	-0.0006974	-0.0005562	-0.0001646	-0.0013773	-0.0010985
2352	473794.83, 3848132.25	1.31277	11.0226	8.82497	-0.0001661	-0.0013945	-0.0011165	-7.763E-05	-0.0006518	-0.0005219	-0.0001533	-0.0012872	-0.0010306
2353	473794.83, 3848157.25	1.22751	10.4904	8.36232	-0.0001553	-0.0013272	-0.0010579	-7.259E-05	-0.0006203	-0.0004945	-0.0001434	-0.0012251	-0.0009766
2354	473794.83, 3848182.25	1.15794	10.1599	7.9831	-0.0001465	-0.0012854	-0.00101	-6.847E-05	-0.0006008	-0.0004721	-0.0001352	-0.0011865	-0.0009323
2355	473794.83, 3848207.25	1.09717	9.87476	7.67641	-0.0001388	-0.0012493	-0.0009712	-6.488E-05	-0.0005839	-0.0004539	-0.0001281	-0.0011532	-0.0008965
2356	473794.83, 3848232.25	1.04922	9.68013	7.44554	-0.0001327	-0.0012247	-0.000942	-6.204E-05	-0.0005724	-0.0004403	-0.0001225	-0.0011305	-0.0008695
2357	473794.83, 3848257.25	1.00214	9.46289	7.1639	-0.0001268	-0.0011972	-0.0009063	-5.926E-05	-0.0005596	-0.0004236	-0.000117	-0.0011051	-0.0008366
2358	473794.83, 3848282.25	0.95929	9.25355	6.99331	-0.0001214	-0.0011707	-0.0008847	-5.673E-05	-0.0005472	-0.0004135	-0.000112	-0.0010807	-0.0008167
2359	473819.83, 3847907.25	4.61292	26.2696	23.9115	-0.0005836	-0.0033235	-0.0030251	-0.0002728	-0.0015534	-0.001414	-0.0005387	-0.0030678	-0.0027924
2360	473819.83, 3847932.25	3.56345	22.3604	20.0387	-0.0004508	-0.0028289	-0.0025352	-0.0002107	-0.0013223	-0.001185	-0.0004161	-0.0026113	-0.0023402
2361	473819.83, 3847957.25	2.91283	19.6787	17.0293	-0.0003685	-0.0024896	-0.0021544	-0.0001722	-0.0011637	-0.001007	-0.0003402	-0.0022981	-0.0019887
2362	473819.83, 3847982.25	2.46597	17.6608	14.8376	-0.000312	-0.0022343	-0.0018772	-0.0001458	-0.0010444	-0.0008774	-0.000288	-0.0020625	-0.0017328
2363	473819.83, 3848007.25	2.14787	16.13	13.0865	-0.0002717	-0.0020407	-0.0016556	-0.000127	-0.0009538	-0.0007739	-0.0002508	-0.0018837	-0.0015283
2364	473819.83, 3848032.25	1.91225	14.9132	12.0529	-0.0002419	-0.0018867	-0.0015249	-0.0001131	-0.0008819	-0.0007127	-0.0002233	-0.0017416	-0.0014076
2365	473819.83, 3848057.25	1.73163	13.8956	11.0323	-0.0002191	-0.001758	-0.0013957	-0.0001024	-0.0008217	-0.0006524	-0.0002022	-0.0016228	-0.0012884
2366	473819.83, 3848082.25	1.58899	13.0108	10.2841	-0.000201	-0.001646	-0.0013011	-9.396E-05	-0.0007694	-0.0006081	-0.0001856	-0.0015194	-0.001201
2367	473819.83, 3848107.25	1.47781	12.2563	9.80006	-0.000187	-0.0015506	-0.0012398	-8.739E-05	-0.0007248	-0.0005795	-0.0001726	-0.0014313	-0.0011445
2368	473819.83, 3848132.25	1.37628	11.4989	9.13336	-0.0001741	-0.0014548	-0.0011555	-8.139E-05	-0.00068	-0.0005401	-0.0001607	-0.0013429	-0.0010666
2369	473819.83, 3848157.25	1.28744	10.7878	8.68438	-0.0001629	-0.0013648	-0.0010987	-7.613E-05	-0.0006379	-0.0005135	-0.0001504	-0.0012598	-0.0010142
2370	473819.83, 3848182.25	1.21144	10.4158	8.25435	-0.0001533	-0.0013177	-0.0010443	-7.164E-05	-0.0006159	-0.0004881	-0.0001415	-0.0012164	-0.000964
2371	473819.83, 3848207.25	1.14578	10.1139	7.92504	-0.000145	-0.0012795	-0.0010026	-6.775E-05	-0.0005981	-0.0004686	-0.0001338	-0.0011811	-0.0009255
2372	473819.83, 3848232.25	1.09014	9.87273	7.65743	-0.0001379	-0.001249	-0.0009688	-6.446E-05	-0.0005838	-0.0004528	-0.0001273	-0.001153	-0.0008943
2373	473819.83, 3848257.25	1.03943	9.64651	7.32255	-0.0001315	-0.0012204	-0.0009264	-6.147E-05	-0.0005704	-0.000433	-0.0001214	-0.0011265	-0.0008551
2374	473819.83, 3848282.25	0.99497	9.4475	7.14986	-0.0001259	-0.0011952	-0.0009046	-5.884E-05	-0.0005587	-0.0004228	-0.0001162	-0.0011033	-0.000835
2375	473844.83, 3847932.25	4.11325	24.3408	21.8074	-0.0005204	-0.0030795	-0.0027589	-0.0002432	-0.0014394	-0.0012896	-0.0004804	-0.0028426	-0.0025467
2376	473844.83, 3847957.25	3.25405	20.9749	18.4522	-0.0004117	-0.0026536	-0.0023345	-0.0001924	-0.0012403	-0.0010912	-0.00038	-0.0024495	-0.0021549
2377	473844.83, 3847982.25	2.71243	18.6938	15.9759	-0.0003432	-0.002365	-0.0020212	-0.0001604	-0.0011054	-0.0009447	-0.0003168	-0.0021831	-0.0018657
2378	473844.83, 3848007.25	2.3355	17.0029	14.1582	-0.0002955	-0.0021511	-0.0017912	-0.0001381	-0.0010054	-0.0008372	-0.0002727	-0.0019856	-0.0016534
2379	473844.83, 3848032.25	2.06025	15.6674	12.7621	-0.0002606	-0.0019821	-0.0016146	-0.0001218	-0.0009265	-0.0007547	-0.0002406	-0.0018297	-0.0014904
2380	473844.83, 3848057.25	1.85098	14.5535	11.6856	-0.0002342	-0.0018412	-0.0014784	-0.0001095	-0.0008606	-0.000691	-0.0002162	-0.0016996	-0.0013647
2381	473844.83, 3848082.25	1.68442	13.5735	10.7608	-0.0002131	-0.0017172	-0.0013614	-9.961E-05	-0.0008027	-0.0006363	-0.0001967	-0.0015851	-0.0012567
2382	473844.83, 3848107.25	1.55357	12.7357	10.1181	-0.0001965	-0.0016112	-0.0012801	-9.187E-05	-0.0007531	-0.0005983	-0.0001814	-0.0014873	-0.0011816

2383	473844.83, 3848132.25	1.44416	11.9756	9.50018	-0.0001827	-0.0015151	-0.0012019	-8.54E-05	-0.0007082	-0.0005618	-0.0001687	-0.0013985	-0.0011095
2384	473844.83, 3848157.25	1.35081	11.2759	9.0075	-0.0001709	-0.0014266	-0.0011396	-7.988E-05	-0.0006668	-0.0005327	-0.0001578	-0.0013168	-0.0010519
2385	473844.83, 3848182.25	1.26982	10.6969	8.58186	-0.0001606	-0.0013533	-0.0010857	-7.509E-05	-0.0006326	-0.0005075	-0.0001483	-0.0012492	-0.0010022
2386	473844.83, 3848207.25	1.1986	10.3755	8.18246	-0.0001516	-0.0013126	-0.0010352	-7.088E-05	-0.0006135	-0.0004839	-0.00014	-0.0012117	-0.0009556
2387	473844.83, 3848232.25	1.1348	10.0862	7.87711	-0.0001436	-0.001276	-0.0009966	-6.711E-05	-0.0005964	-0.0004658	-0.0001325	-0.0011779	-0.0009199
2388	473844.83, 3848257.25	1.0793	9.84056	7.61153	-0.0001365	-0.001245	-0.000963	-6.382E-05	-0.0005819	-0.0004501	-0.000126	-0.0011492	-0.0008889
2389	473844.83, 3848282.25	1.03388	9.65855	7.31439	-0.0001308	-0.0012219	-0.0009254	-6.114E-05	-0.0005711	-0.0004325	-0.0001207	-0.001128	-0.0008542
2390	473844.83, 3848307.25	0.99422	9.49801	7.18115	-0.0001258	-0.0012016	-0.0009085	-5.879E-05	-0.0005617	-0.0004247	-0.0001161	-0.0011092	-0.0008386
2391	473869.83, 3847932.25	4.85001	26.7895	24.3103	-0.0006136	-0.0033892	-0.0030756	-0.0002868	-0.0015842	-0.0014376	-0.0005664	-0.0031285	-0.002839
2392	473869.83, 3847957.25	3.69722	22.5864	20.149	-0.0004677	-0.0028575	-0.0025491	-0.0002186	-0.0013356	-0.0011915	-0.0004318	-0.0026377	-0.0023531
2393	473869.83, 3847982.25	3.02246	19.9543	17.315	-0.0003824	-0.0025245	-0.0021906	-0.0001787	-0.00118	-0.0010239	-0.000353	-0.0023303	-0.0020221
2394	473869.83, 3848007.25	2.56379	18.0269	15.2315	-0.0003244	-0.0022806	-0.001927	-0.0001516	-0.001066	-0.0009007	-0.0002994	-0.0021052	-0.0017788
2395	473869.83, 3848032.25	2.23324	16.5067	13.6471	-0.0002825	-0.0020883	-0.0017265	-0.0001321	-0.0009761	-0.000807	-0.0002608	-0.0019277	-0.0015937
2396	473869.83, 3848057.25	1.98607	15.255	12.4027	-0.0002513	-0.00193	-0.0015691	-0.0001174	-0.0009021	-0.0007334	-0.0002319	-0.0017815	-0.0014484
2397	473869.83, 3848082.25	1.79456	14.1882	11.4404	-0.000227	-0.001795	-0.0014474	-0.0001061	-0.000839	-0.0006765	-0.0002096	-0.0016569	-0.001336
2398	473869.83, 3848107.25	1.64548	13.2923	10.5296	-0.0002082	-0.0016817	-0.0013321	-9.73E-05	-0.000786	-0.0006227	-0.0001922	-0.0015523	-0.0012297
2399	473869.83, 3848132.25	1.52238	12.4953	9.96655	-0.0001926	-0.0015808	-0.0012609	-9.002E-05	-0.0007389	-0.0005894	-0.0001778	-0.0014592	-0.0011639
2400	473869.83, 3848157.25	1.41963	11.7759	9.34269	-0.0001796	-0.0014898	-0.001182	-8.395E-05	-0.0006964	-0.0005525	-0.0001658	-0.0013752	-0.0010911
2401	473869.83, 3848182.25	1.33148	11.1045	8.91208	-0.0001685	-0.0014049	-0.0011275	-7.874E-05	-0.0006567	-0.000527	-0.0001555	-0.0012968	-0.0010408
2402	473869.83, 3848207.25	1.25268	10.6322	8.477	-0.0001585	-0.0013451	-0.0010725	-7.408E-05	-0.0006287	-0.0005013	-0.0001463	-0.0012417	-0.00099
2403	473869.83, 3848232.25	1.18477	10.334	8.11551	-0.0001499	-0.0013074	-0.0010267	-7.006E-05	-0.0006111	-0.0004799	-0.0001384	-0.0012068	-0.0009478
2404	473869.83, 3848257.25	1.12342	10.0601	7.82634	-0.0001421	-0.0012727	-0.0009901	-6.643E-05	-0.0005949	-0.0004628	-0.0001312	-0.0011748	-0.000914
2405	473869.83, 3848282.25	1.07451	9.87001	7.52854	-0.0001359	-0.0012487	-0.0009525	-6.354E-05	-0.0005837	-0.0004452	-0.0001255	-0.0011526	-0.0008792
2406	473869.83, 3848307.25	1.03286	9.7161	7.34874	-0.0001307	-0.0012292	-0.0009297	-6.108E-05	-0.0005746	-0.0004346	-0.0001206	-0.0011347	-0.0008582
2407	473869.83, 3848332.25	0.99048	9.51546	7.18455	-0.0001253	-0.0012038	-0.0009089	-5.857E-05	-0.0005627	-0.0004249	-0.0001157	-0.0011112	-0.000839
2408	473894.83, 3847957.25	4.29779	24.652	22.1611	-0.0005437	-0.0031188	-0.0028037	-0.0002541	-0.0014578	-0.0013105	-0.0005019	-0.0028789	-0.002588
2409	473894.83, 3847982.25	3.40345	21.4076	18.8588	-0.0004306	-0.0027084	-0.0023859	-0.0002013	-0.0012659	-0.0011152	-0.0003975	-0.0025	-0.0022024
2410	473894.83, 3848007.25	2.82863	19.133	16.3592	-0.0003579	-0.0024206	-0.0020697	-0.0001673	-0.0011314	-0.0009674	-0.0003303	-0.0022344	-0.0019105
2411	473894.83, 3848032.25	2.43153	17.4103	14.5488	-0.0003076	-0.0022026	-0.0018406	-0.0001438	-0.0010295	-0.0008603	-0.000284	-0.0020332	-0.0016991
2412	473894.83, 3848057.25	2.14264	16.0264	13.2061	-0.0002711	-0.0020276	-0.0016707	-0.0001267	-0.0009477	-0.0007809	-0.0002502	-0.0018716	-0.0015422
2413	473894.83, 3848082.25	1.92496	14.8847	12.0191	-0.0002435	-0.0018831	-0.0015206	-0.0001138	-0.0008802	-0.0007107	-0.0002248	-0.0017383	-0.0014036
2414	473894.83, 3848107.25	1.75135	13.9022	11.2148	-0.0002216	-0.0017588	-0.0014188	-0.0001036	-0.0008221	-0.0006632	-0.0002045	-0.0016235	-0.0013097
2415	473894.83, 3848132.25	1.6133	13.0702	10.3536	-0.0002041	-0.0016536	-0.0013099	-9.54E-05	-0.0007729	-0.0006122	-0.0001884	-0.0015264	-0.0012091
2416	473894.83, 3848157.25	1.49792	12.3142	9.76747	-0.0001895	-0.0015579	-0.0012357	-8.858E-05	-0.0007282	-0.0005776	-0.0001749	-0.0014381	-0.0011407
2417	473894.83, 3848182.25	1.39837	11.5996	9.25596	-0.0001769	-0.0014675	-0.001171	-8.269E-05	-0.0006859	-0.0005473	-0.0001633	-0.0013546	-0.0010809
2418	473894.83, 3848207.25	1.31281	10.9321	8.81676	-0.0001661	-0.0013831	-0.0011154	-7.763E-05	-0.0006465	-0.0005214	-0.0001533	-0.0012767	-0.0010296
2419	473894.83, 3848232.25	1.23892	10.6018	8.38901	-0.0001567	-0.0013413	-0.0010613	-7.326E-05	-0.0006269	-0.0004961	-0.0001447	-0.0012381	-0.0009797
2420	473894.83, 3848257.25	1.17119	10.2962	8.05023	-0.0001482	-0.0013026	-0.0010185	-6.926E-05	-0.0006089	-0.000476	-0.0001368	-0.0012024	-0.0009401
2421	473894.83, 3848282.25	1.11616	10.0732	7.80479	-0.0001412	-0.0012744	-0.0009874	-6.6E-05	-0.0005957	-0.0004615	-0.0001303	-0.0011764	-0.0009115
2422	473894.83, 3848307.25	1.06999	9.90071	7.48941	-0.0001354	-0.0012526	-0.0009475	-6.327E-05	-0.0005855	-0.0004429	-0.000125	-0.0011562	-0.0008746
2423	473894.83, 3848332.25	1.02544	9.70577	7.33147	-0.0001297	-0.0012279	-0.0009275	-6.064E-05	-0.0005739	-0.0004335	-0.0001198	-0.0011335	-0.0008562
2424	473894.83, 3848357.25	0.98415	9.50049	7.16185	-0.0001245	-0.0012019	-0.0009061	-5.82E-05	-0.0005618	-0.0004235	-0.0001149	-0.0011095	-0.0008364
2425	473919.83, 3847957.25	5.14365	27.4131	25.0268	-0.0006507	-0.0034681	-0.0031662	-0.0003042	-0.001621	-0.0014799	-0.0006007	-0.0032014	-0.0029227
2426	473919.83, 3847982.25	3.89519	23.1808	20.6875	-0.0004928	-0.0029327	-0.0026173	-0.0002303	-0.0013708	-0.0012233	-0.0004549	-0.0027071	-0.0024159
2427	473919.83, 3848007.25	3.15765	20.4388	17.7274	-0.0003995	-0.0025858	-0.0022428	-0.0001867	-0.0012086	-0.0010483	-0.0003688	-0.0023869	-0.0020703
2428	473919.83, 3848032.25	2.67096	18.4497	15.5769	-0.0003379	-0.0023341	-0.0019707	-0.0001579	-0.001091	-0.0009211	-0.0003119	-0.0021546	-0.0018191
2429	473919.83, 3848057.25	2.32717	16.8907	14.046	-0.0002944	-0.0021369	-0.001777	-0.0001376	-0.0009988	-0.0008306	-0.0002718	-0.0019725	-0.0016403
2430	473919.83, 3848082.25	2.07224	15.6275	12.8052	-0.0002622	-0.0019771	-0.00162	-0.0001225	-0.0009241	-0.0007572	-0.000242	-0.001825	-0.0014954
2431	473919.83, 3848107.25	1.87421	14.5819	11.7306	-0.0002371	-0.0018448	-0.0014841	-0.0001108	-0.0008623	-0.0006937	-0.0002189	-0.0017029	-0.0013699
2432	473919.83, 3848132.25	1.71603	13.6892	11.0221	-0.0002171	-0.0017319	-0.0013944	-0.0001015	-0.0008095	-0.0006518	-0.0002004	-0.0015987	-0.0012872
2433	473919.83, 3848157.25	1.58448	12.8787	10.216	-0.0002005	-0.0016293	-0.0012925	-9.37E-05	-0.0007616	-0.0006041	-0.000185	-0.001504	-0.0011931
2434	473919.83, 3848182.25	1.47298	12.1252	9.62851	-0.0001864	-0.001534	-0.0012181	-8.71E-05	-0.000717	-0.0005694	-0.000172	-0.001416	-0.0011244
2435	473919.83, 3848207.25	1.37947	11.4357	9.18046	-0.0001745	-0.0014468	-0.0011615	-8.157E-05	-0.0006762	-0.0005429	-0.0001611	-0.0013355	-0.0010721
2436	473919.83, 3848232.25	1.29788	10.8905	8.73773	-0.0001642	-0.0013778	-0.0011054	-7.675E-05	-0.000644	-0.0005167	-0.0001516	-0.0012718	-0.0010204
2437	473919.83, 3848257.25	1.22364	10.5546	8.29003	-0.0001548	-0.0013353	-0.0010488	-7.236E-05	-0.0006241	-0.0004902	-0.0001429	-0.0012326	-0.0009681
2438	473919.83, 3848282.25	1.16139	10.2911	8.01075	-0.0001469	-0.001302	-0.0010135	-6.868E-05	-0.0006086	-0.0004737	-0.0001356	-0.0012018	-0.0009355
2439	473919.83, 3848307.25	1.10867	10.082	7.73117	-0.0001403	-0.0012755	-0.0009781	-6.556E-05	-0.0005962	-0.0004572	-0.0001295	-0.0011774	-0.0009029
2440	473919.83, 3848332.25	1.06125	9.88674	7.47038	-0.0001343	-0.0012508	-0.0009451	-6.276E-05	-0.0005846	-0.0004418	-0.0001239	-0.0011546	-0.0008724
2441	473919.83, 3848357.25	1.01798	9.69118	7.31004	-0.0001288	-0.0012261	-0.0009248	-6.02E-05	-0.0005731	-0.0004323	-0.0001189	-0.0011318	-0.0008537
2442	473919.83, 3848382.25	0.97904	9.49353	7.14297	-0.0001239	-0.0012011	-0.0009037	-5.789E-05	-0.0005614	-0.0004224	-0.0001143	-0.0011087	-0.0008342
2443	473944.83, 3847982.25	4.57815	25.5021	23.0324	-0.0005792	-0.0032264	-0.0029139	-0.0002707	-0.001508	-0.001362	-0.0005346	-0.0029782	-0.0026898
2444	473944.83, 3848007.25	3.60334	22.1581	19.3746	-0.0004559	-0.0028033	-0.0024511	-0.0002131	-0.0013103	-0.0011457	-0.0004208	-0.0025877	-0.0022626
2445	473944.83, 3848032.25	2.97912	19.7489	16.8879	-0.0003769	-0.0024985	-0.0021366	-0.0001762	-0.0011678	-0.0009987	-0.0003479	-0.0023063	-0.0019722
2446	473944.83, 3848057.25	2.54798	17.8827	15.0089	-0.0003224	-0.0022624	-0.0018988	-0.0001507	-0.0010575	-0.0008875	-0.0002976	-0.0020884	-0.0017528
2447	473944.83, 3848082.25	2.24115	16.4456	13.6893	-0.0002835	-0.0020806	-0.0017319	-0.0001325	-0.0009725	-0.0008095	-0.0002617	-0.0019206	-0.0015987
2448	473944.83, 3848107.25	2.01434	15.3295	12.4963	-0.0002548	-0.0019394	-0.001581	-0.0001191	-0.0009065	-0.000739	-0.0002352	-0.0017902	-0.0014594
2449	473944.83, 3848132.25	1.83191	14.3599	11.5056	-0.0002318	-0.0018167	-0.0014556	-0.0001083	-0.0008492	-0.0006804	-0.0002139	-0.001677	-0.0013437
2450	473944.83, 3848157.25	1.68285	13.4953	10.857	-0.0002129	-0.0017073	-0.0013736	-9.951E-05	-0.000798	-0.000642	-0.0001965	-0.001576	-0.0012679
2451	473944.83, 3848182.25	1.5587	12.7053	10.1048	-0.0001972	-0.0016074	-0.0012784	-9.217E-05	-0.0007513	-0.0005975	-0.000182	-0.0014838	-0.0011801
2452	473944.83, 3848207.25	1.45343	11.971	9.56966	-0.0001839	-0.0015145	-0.0012107	-8.595E-05	-0.0007079	-0.0005659	-0.0001697	-0.001398	-0.0011176
2453	473944.83, 3848232.25	1.3631	11.2854	9.10788	-0.0001725	-0.0014278	-0.0011523	-8.061E-05	-0.0006674	-0.0005386	-0.0001592	-0.0013179	-0.0010636
2454	473944.83, 3848257.25	1.28142	10.8389	8.63037	-0.0001621	-0.0013713	-0.0010919	-7.578E-05	-0.0006409	-0.0005103	-0.0001496	-0.0012658	-0.0010079
2455	473944.83, 3848282.25	1.21243	10.5436	8.24093	-0.0001534	-0.0013339	-0.0010426	-7.17E-05	-0.0006235	-0.0004873	-0.0001416	-0.0012313	-0.0009624
2456	473944.83, 3848307.25	1.15302	10.3003	7.98303	-0.0001459	-0.0013031	-0.00101	-6.818E-05	-0.0006091	-0.0004721	-0.0001347	-0.0012029	-0.0009323
2457	473944.83, 3848332.25	1.09912	10.0716	7.61174	-0.0001391	-0.0012742	-0.000963	-6.5E-05	-0.0005956	-0.0004501	-0.0001284	-0.0011762	-0.0008889
2458	473944.83, 3848357.25	1.05353	9.88334	7.45789	-0.0001333	-0.0012504	-0.0009435	-6.23E-05	-0.0005844	-0.000441	-0.000123	-0.0011542	-0.000871
2459	473944.83, 3848382.25	1.01466	9.71814	7.31682	-0.0001284	-0.0012295	-0.0009257	-6E-05	-0.0005747	-0.0004327	-0.0001185	-0.0011349	-0.0008545

2460	473969.83, 3848007.25	4.20985	24.3948	21.6359	-0.0005326	-0.0030863	-0.0027372	-0.0002489	-0.0014426	-0.0012794	-0.0004916	-0.0028489	-0.0025267
2461	473969.83, 3848032.25	3.36949	21.3164	18.4819	-0.0004263	-0.0026968	-0.0023382	-0.0001993	-0.0012605	-0.0010929	-0.0003935	-0.0024894	-0.0021584
2462	473969.83, 3848057.25	2.81931	19.052	16.1801	-0.0003567	-0.0024103	-0.002047	-0.0001667	-0.0011266	-0.0009568	-0.0003292	-0.0022249	-0.0018896
2463	473969.83, 3848082.25	2.44391	17.3983	14.6033	-0.0003092	-0.0022011	-0.0018475	-0.0001445	-0.0010288	-0.0008636	-0.0002854	-0.0020318	-0.0017054
2464	473969.83, 3848107.25	2.17844	16.1742	13.3875	-0.0002756	-0.0020463	-0.0016937	-0.0001288	-0.0009564	-0.0007917	-0.0002544	-0.0018889	-0.0015634
2465	473969.83, 3848132.25	1.966	15.1063	12.2376	-0.0002487	-0.0019112	-0.0015482	-0.0001163	-0.0008933	-0.0007237	-0.0002296	-0.0017642	-0.0014291
2466	473969.83, 3848157.25	1.79513	14.169	11.3162	-0.0002271	-0.0017926	-0.0014317	-0.0001062	-0.0008379	-0.0006692	-0.0002096	-0.0016547	-0.0013215
2467	473969.83, 3848182.25	1.6556	13.3316	10.6694	-0.0002095	-0.0016866	-0.0013498	-9.79E-05	-0.0007884	-0.0006309	-0.0001933	-0.0015569	-0.001246
2468	473969.83, 3848207.25	1.53809	12.5572	10.0038	-0.0001946	-0.0015887	-0.0012656	-9.095E-05	-0.0007426	-0.0005916	-0.0001796	-0.0014665	-0.0011683
2469	473969.83, 3848232.25	1.43793	11.8363	9.51897	-0.0001819	-0.0014974	-0.0012043	-8.503E-05	-0.0006999	-0.0005629	-0.0001679	-0.0013823	-0.0011117
2470	473969.83, 3848257.25	1.34672	11.169	9.01448	-0.0001704	-0.001413	-0.0011405	-7.964E-05	-0.0006605	-0.0005331	-0.0001573	-0.0013043	-0.0010527
2471	473969.83, 3848282.25	1.27031	10.8407	8.54198	-0.0001607	-0.0013715	-0.0010807	-7.512E-05	-0.0006411	-0.0005051	-0.0001484	-0.001266	-0.0009976
2472	473969.83, 3848307.25	1.20459	10.5707	8.21594	-0.0001524	-0.0013373	-0.0010394	-7.123E-05	-0.0006251	-0.0004858	-0.0001407	-0.0012345	-0.0009595
2473	473969.83, 3848332.25	1.14436	10.3132	7.93559	-0.0001448	-0.0013048	-0.001004	-6.767E-05	-0.0006099	-0.0004693	-0.0001336	-0.0012044	-0.0009267
2474	473969.83, 3848357.25	1.09412	10.1108	7.62928	-0.0001384	-0.0012792	-0.0009652	-6.47E-05	-0.0005979	-0.0004512	-0.0001278	-0.0011808	-0.000891
2475	473969.83, 3848382.25	1.05131	9.9379	7.48434	-0.000133	-0.0012573	-0.0009469	-6.217E-05	-0.0005877	-0.0004426	-0.0001228	-0.0011606	-0.000874
2476	473969.83, 3848407.25	1.00121	9.64	7.2436	-0.0001267	-0.0012196	-0.0009164	-5.921E-05	-0.0005701	-0.0004283	-0.0001169	-0.0011258	-0.0008459
2477	473994.83, 3848007.25	5.07174	27.2955	24.9088	-0.0006416	-0.0034533	-0.0031513	-0.0002999	-0.0016141	-0.001473	-0.0005923	-0.0031876	-0.0029089
2478	473994.83, 3848032.25	3.88612	23.2378	20.5305	-0.0004916	-0.0029399	-0.0025974	-0.0002298	-0.0013741	-0.0012141	-0.0004538	-0.0027138	-0.0023976
2479	473994.83, 3848057.25	3.15956	20.4193	17.623	-0.0003997	-0.0025833	-0.0022296	-0.0001868	-0.0012075	-0.0010421	-0.000369	-0.0023846	-0.0020581
2480	473994.83, 3848082.25	2.70064	18.5519	15.7076	-0.0003417	-0.0023471	-0.0019872	-0.0001597	-0.001097	-0.0009289	-0.0003154	-0.0021665	-0.0018344
2481	473994.83, 3848107.25	2.38366	17.1882	14.4162	-0.0003016	-0.0021745	-0.0018238	-0.000141	-0.0010164	-0.0008525	-0.0002784	-0.0020073	-0.0016836
2482	473994.83, 3848132.25	2.12805	15.9678	13.1075	-0.0002692	-0.0020201	-0.0016583	-0.0001258	-0.0009442	-0.0007751	-0.0002485	-0.0018648	-0.0015307
2483	473994.83, 3848157.25	1.92642	14.9168	12.0198	-0.0002437	-0.0018872	-0.0015207	-0.0001139	-0.0008821	-0.0007108	-0.000225	-0.001742	-0.0014037
2484	473994.83, 3848182.25	1.76587	14.0056	11.228	-0.0002234	-0.0017719	-0.0014205	-0.0001044	-0.0008282	-0.000664	-0.0002062	-0.0016356	-0.0013112
2485	473994.83, 3848207.25	1.63228	13.1731	10.5014	-0.0002065	-0.0016666	-0.0013286	-9.652E-05	-0.000779	-0.000621	-0.0001906	-0.0015384	-0.0012264
2486	473994.83, 3848232.25	1.52047	12.4124	9.95317	-0.0001924	-0.0015703	-0.0012592	-8.991E-05	-0.000734	-0.0005886	-0.0001776	-0.0014495	-0.0011624
2487	473994.83, 3848257.25	1.41841	11.6577	9.41772	-0.0001794	-0.0014749	-0.0011915	-8.388E-05	-0.0006894	-0.0005569	-0.0001656	-0.0013614	-0.0010998
2488	473994.83, 3848282.25	1.33412	11.1753	8.92939	-0.0001688	-0.0014138	-0.0011297	-7.889E-05	-0.0006608	-0.000528	-0.0001558	-0.0013051	-0.0010428
2489	473994.83, 3848307.25	1.262	10.8795	8.47382	-0.0001597	-0.0013764	-0.0010721	-7.463E-05	-0.0006434	-0.0005011	-0.0001474	-0.0012705	-0.0009896
2490	473994.83, 3848332.25	1.19552	10.5957	8.18691	-0.0001512	-0.0013405	-0.0010358	-7.07E-05	-0.0006266	-0.0004841	-0.0001396	-0.0012374	-0.0009561
2491	473994.83, 3848357.25	1.1392	10.3662	7.81766	-0.0001441	-0.0013115	-0.000989	-6.737E-05	-0.000613	-0.0004623	-0.000133	-0.0012106	-0.000913
2492	473994.83, 3848382.25	1.09211	10.1824	7.66656	-0.0001382	-0.0012882	-0.0009699	-6.458E-05	-0.0006021	-0.0004534	-0.0001275	-0.0011891	-0.0008953
2493	473994.83, 3848407.25	1.04138	9.91145	7.4484	-0.0001317	-0.0012539	-0.0009423	-6.158E-05	-0.0005861	-0.0004405	-0.0001216	-0.0011575	-0.0008698
2494	473994.83, 3848432.25	0.99165	9.59184	7.18805	-0.0001255	-0.0012135	-0.0009094	-5.864E-05	-0.0005672	-0.0004251	-0.0001158	-0.0011202	-0.0008394
2495	474019.83, 3848032.25	4.61831	25.8504	23.2751	-0.0005843	-0.0032704	-0.0029446	-0.0002731	-0.0015286	-0.0013764	-0.0005393	-0.0030189	-0.0027181
2496	474019.83, 3848057.25	3.62391	22.2255	19.5071	-0.0004585	-0.0028118	-0.0024679	-0.0002143	-0.0013143	-0.0011535	-0.0004232	-0.0025956	-0.0022781
2497	474019.83, 3848082.25	3.04209	20.0331	17.2382	-0.0003849	-0.0025345	-0.0021809	-0.0001799	-0.0011846	-0.0010194	-0.0003553	-0.0023395	-0.0020131
2498	474019.83, 3848107.25	2.63589	18.3668	15.6188	-0.0003335	-0.0023237	-0.001976	-0.0001559	-0.0010861	-0.0009236	-0.0003078	-0.0021449	-0.001824
2499	474019.83, 3848132.25	2.32467	16.9583	14.1325	-0.0002941	-0.0021455	-0.0017879	-0.0001375	-0.0010028	-0.0008357	-0.0002715	-0.0019804	-0.0016504
2500	474019.83, 3848157.25	2.08471	15.7742	12.8786	-0.0002637	-0.0019957	-0.0016293	-0.0001233	-0.0009328	-0.0007616	-0.0002435	-0.0018422	-0.001504
2501	474019.83, 3848182.25	1.89465	14.7498	11.8505	-0.0002397	-0.001866	-0.0014992	-0.000112	-0.0008722	-0.0007008	-0.0002213	-0.0017225	-0.0013839
2502	474019.83, 3848207.25	1.7383	13.8249	11.1483	-0.0002199	-0.001749	-0.0014104	-0.0001028	-0.0008175	-0.0006592	-0.000203	-0.0016145	-0.0013019
2503	474019.83, 3848232.25	1.61068	13.005	10.3877	-0.0002038	-0.0016453	-0.0013142	-9.525E-05	-0.000769	-0.0006143	-0.0001881	-0.0015188	-0.0012131
2504	474019.83, 3848257.25	1.49833	12.2192	9.84863	-0.0001896	-0.0015459	-0.001246	-8.86E-05	-0.0007226	-0.0005824	-0.000175	-0.001427	-0.0011501
2505	474019.83, 3848282.25	1.4055	11.5589	9.34568	-0.0001778	-0.0014624	-0.0011824	-8.311E-05	-0.0006835	-0.0005526	-0.0001641	-0.0013499	-0.0010914
2506	474019.83, 3848307.25	1.32633	11.2328	8.86259	-0.0001678	-0.0014211	-0.0011212	-7.843E-05	-0.0006642	-0.0005241	-0.0001549	-0.0013118	-0.001035
2507	474019.83, 3848332.25	1.25401	10.9272	8.4534	-0.0001586	-0.0013824	-0.0010695	-7.415E-05	-0.0006462	-0.0004999	-0.0001464	-0.0012761	-0.0009872
2508	474019.83, 3848357.25	1.18866	10.6434	8.1766	-0.0001504	-0.0013465	-0.0010345	-7.029E-05	-0.0006294	-0.0004835	-0.0001388	-0.001243	-0.0009549
2509	474019.83, 3848382.25	1.13596	10.4357	7.85298	-0.0001437	-0.0013203	-0.0009935	-6.717E-05	-0.0006171	-0.0004644	-0.0001327	-0.0012187	-0.0009171
2510	474019.83, 3848407.25	1.08194	10.1649	7.63795	-0.0001369	-0.001286	-0.0009663	-6.398E-05	-0.0006011	-0.0004517	-0.0001264	-0.0011871	-0.000892
2511	474019.83, 3848432.25	1.03157	9.87284	7.40133	-0.0001305	-0.001249	-0.0009364	-6.1E-05	-0.0005838	-0.0004377	-0.0001205	-0.001153	-0.0008643
2512	474019.83, 3848457.25	0.98705	9.57801	7.15429	-0.0001249	-0.0012117	-0.0009051	-5.837E-05	-0.0005664	-0.0004231	-0.0001153	-0.0011185	-0.0008355
2513	474044.83, 3848057.25	4.29571	24.8047	22.2511	-0.0005435	-0.0031381	-0.0028151	-0.000254	-0.0014668	-0.0013158	-0.0005017	-0.0028968	-0.0025985
2514	474044.83, 3848082.25	3.49922	21.9593	19.1619	-0.0004427	-0.0027782	-0.0024242	-0.0002069	-0.0012985	-0.0011331	-0.0004086	-0.0025645	-0.0022378
2515	474044.83, 3848107.25	2.94697	19.7459	16.9853	-0.0003728	-0.0024981	-0.0021489	-0.0001743	-0.0011677	-0.0010044	-0.0003442	-0.002306	-0.0019836
2516	474044.83, 3848132.25	2.56237	18.0942	15.3157	-0.0003242	-0.0022892	-0.0019376	-0.0001515	-0.00107	-0.0009057	-0.0002992	-0.0021131	-0.0017886
2517	474044.83, 3848157.25	2.27538	16.7583	13.9339	-0.0002879	-0.0021202	-0.0017628	-0.0001346	-0.000991	-0.000824	-0.0002657	-0.0019571	-0.0016272
2518	474044.83, 3848182.25	2.048	15.5958	12.6908	-0.0002591	-0.0019731	-0.0016056	-0.0001211	-0.0009222	-0.0007505	-0.0002392	-0.0018213	-0.0014821
2519	474044.83, 3848207.25	1.85997	14.536	11.6614	-0.0002353	-0.001839	-0.0014753	-0.00011	-0.0008596	-0.0006896	-0.0002172	-0.0016975	-0.0013619
2520	474044.83, 3848232.25	1.71329	13.6481	10.934	-0.0002168	-0.0017267	-0.0013833	-0.0001013	-0.0008071	-0.0006466	-0.0002001	-0.0015939	-0.0012769
2521	474044.83, 3848257.25	1.58855	12.8275	10.3083	-0.000201	-0.0016229	-0.0013041	-9.394E-05	-0.0007585	-0.0006096	-0.0001855	-0.001498	-0.0012038
2522	474044.83, 3848282.25	1.48626	12.103	9.79949	-0.000188	-0.0015312	-0.0012398	-8.789E-05	-0.0007157	-0.0005795	-0.0001736	-0.0014134	-0.0011444
2523	474044.83, 3848307.25	1.39812	11.6253	9.29784	-0.0001769	-0.0014708	-0.0011763	-8.268E-05	-0.0006875	-0.0005498	-0.0001633	-0.0013576	-0.0010858
2524	474044.83, 3848332.25	1.31702	11.2731	8.77287	-0.0001666	-0.0014262	-0.0011099	-7.788E-05	-0.0006666	-0.0005188	-0.0001538	-0.0013165	-0.0010245
2525	474044.83, 3848357.25	1.24639	10.9721	8.43728	-0.0001577	-0.0013881	-0.0010674	-7.37E-05	-0.0006488	-0.0004989	-0.0001456	-0.0012813	-0.0009853
2526	474044.83, 3848382.25	1.18516	10.7145	8.13066	-0.0001499	-0.0013555	-0.0010286	-7.008E-05	-0.0006336	-0.0004808	-0.0001384	-0.0012513	-0.0009495
2527	474044.83, 3848407.25	1.12766	10.4434	7.85086	-0.0001427	-0.0013212	-0.0009932	-6.668E-05	-0.0006176	-0.0004643	-0.0001317	-0.0012196	-0.0009168
2528	474044.83, 3848432.25	1.07305	10.1444	7.60827	-0.0001358	-0.0012834	-0.0009626	-6.345E-05	-0.0005999	-0.0004499	-0.0001253	-0.0011847	-0.0008885
2529	474044.83, 3848457.25	1.022	9.81818	7.34236	-0.0001293	-0.0012421	-0.0009289	-6.044E-05	-0.0005806	-0.0004342	-0.0001194	-0.0011466	-0.0008575
2530	474044.83, 3848482.25	0.97601	9.47633	7.05595	-0.0001235	-0.0011989	-0.0008927	-5.772E-05	-0.0005604	-0.0004172	-0.000114	-0.0011067	-0.000824
2531	474069.83, 3848057.25	5.28811	28.8147	25.915	-0.000669	-0.0036455	-0.0032786	-0.0003127	-0.0017039	-0.0015325	-0.0006176	-0.0033651	-0.0030264
2532	474069.83, 3848082.25	4.1174	24.4832	21.8262	-0.0005209	-0.0030975	-0.0027613	-0.0002435	-0.0014478	-0.0012907	-0.0004808	-0.0028592	-0.0025489
2533	474069.83, 3848107.25	3.34563	21.4618	18.6725	-0.0004233	-0.0027152	-0.0023623	-0.0001978	-0.0012691	-0.0011042	-0.0003907	-0.0025064	-0.0021806
2534	474069.83, 3848132.25	2.85253	19.4339	16.7069	-0.0003609	-0.0024587	-0.0021137	-0.0001687	-0.0011492	-0.0009879	-0.0003331	-0.0022695	-0.0019511
2535	474069.83, 3848157.25	2.49804	17.8612	15.026	-0.000316	-0.0022597	-0.001901	-0.0001477	-0.0010562	-0.0008885	-0.0002917	-0.0020859	-0.0017548
2536	474069.83, 3848182.25	2.2244	16.5314	13.7207	-0.0002814	-0.0020914	-0.0017359	-0.0001315	-0.0009776	-0.0008114	-0.0002598	-0.0019306	-0.0016023

2537	474069.83, 3848207.25	2.00374	15.3536	12.4547	-0.0002535	-0.0019424	-0.0015757	-0.0001185	-0.0009079	-0.0007365	-0.000234	-0.001793	-0.0014545
2538	474069.83, 3848232.25	1.8304	14.359	11.5346	-0.0002316	-0.0018166	-0.0014593	-0.0001082	-0.0008491	-0.0006821	-0.0002138	-0.0016769	-0.001347
2539	474069.83, 3848257.25	1.68893	13.4821	10.8144	-0.0002137	-0.0017057	-0.0013682	-9.987E-05	-0.0007973	-0.0006395	-0.0001972	-0.0015745	-0.0012629
2540	474069.83, 3848282.25	1.57535	12.7233	10.2719	-0.0001993	-0.0016097	-0.0012995	-9.316E-05	-0.0007524	-0.0006074	-0.000184	-0.0014859	-0.0011996
2541	474069.83, 3848307.25	1.47798	12.0511	9.76331	-0.000187	-0.0015246	-0.0012352	-8.74E-05	-0.0007126	-0.0005773	-0.0001726	-0.0014074	-0.0011402
2542	474069.83, 3848332.25	1.38702	11.6473	9.21249	-0.0001755	-0.0014735	-0.0011655	-8.202E-05	-0.0006888	-0.0005448	-0.000162	-0.0013602	-0.0010759
2543	474069.83, 3848357.25	1.30726	11.297	8.75094	-0.0001654	-0.0014292	-0.0011071	-7.73E-05	-0.000668	-0.0005175	-0.0001527	-0.0013193	-0.001022
2544	474069.83, 3848382.25	1.23926	11.0092	8.431	-0.0001568	-0.0013928	-0.0010666	-7.328E-05	-0.000651	-0.0004986	-0.0001447	-0.0012857	-0.0009846
2545	474069.83, 3848407.25	1.17651	10.7228	8.13242	-0.0001488	-0.0013566	-0.0010289	-6.957E-05	-0.0006341	-0.0004809	-0.0001374	-0.0012522	-0.0009497
2546	474069.83, 3848432.25	1.11707	10.4137	7.83434	-0.0001413	-0.0013175	-0.0009912	-6.606E-05	-0.0006158	-0.0004633	-0.0001305	-0.0012161	-0.0009149
2547	474069.83, 3848457.25	1.06191	10.0845	7.55165	-0.0001343	-0.0012758	-0.0009554	-6.28E-05	-0.0005963	-0.0004466	-0.000124	-0.0011777	-0.0008819
2548	474069.83, 3848482.25	1.01517	9.77196	7.28975	-0.0001284	-0.0012363	-0.0009223	-6.003E-05	-0.0005779	-0.0004311	-0.0001186	-0.0011412	-0.0008513
2549	474094.83, 3848082.25	4.98181	28.013	25.0731	-0.0006303	-0.003544	-0.0031721	-0.0002946	-0.0016565	-0.0014827	-0.0005818	-0.0032714	-0.0029281
2550	474094.83, 3848107.25	3.9295	23.9551	21.1716	-0.0004971	-0.0030307	-0.0026785	-0.0002324	-0.0014166	-0.001252	-0.0004589	-0.0027975	-0.0024725
2551	474094.83, 3848132.25	3.24278	21.2149	18.3025	-0.0004103	-0.002684	-0.0023155	-0.0001918	-0.0012545	-0.0010823	-0.0003787	-0.0024775	-0.0021374
2552	474094.83, 3848157.25	2.77135	19.1781	16.361	-0.0003506	-0.0024263	-0.0020699	-0.0001639	-0.0011341	-0.0009675	-0.0003236	-0.0022397	-0.0019107
2553	474094.83, 3848182.25	2.43093	17.5872	14.6946	-0.0003075	-0.002225	-0.0018591	-0.0001438	-0.00104	-0.000869	-0.0002839	-0.0020539	-0.0017161
2554	474094.83, 3848207.25	2.17429	16.2948	13.3717	-0.0002751	-0.0020615	-0.0016917	-0.0001286	-0.0009636	-0.0007907	-0.0002539	-0.0019029	-0.0015616
2555	474094.83, 3848232.25	1.96717	15.1635	12.2685	-0.0002489	-0.0019184	-0.0015521	-0.0001163	-0.0008967	-0.0007255	-0.0002297	-0.0017708	-0.0014327
2556	474094.83, 3848257.25	1.80555	14.2186	11.443	-0.0002284	-0.0017988	-0.0014477	-0.0001068	-0.0008408	-0.0006767	-0.0002109	-0.0016605	-0.0013363
2557	474094.83, 3848282.25	1.67552	13.3975	10.7559	-0.000212	-0.001695	-0.0013608	-9.908E-05	-0.0007922	-0.000636	-0.0001957	-0.0015646	-0.0012561
2558	474094.83, 3848307.25	1.56509	12.6388	10.2483	-0.000198	-0.001599	-0.0012966	-9.255E-05	-0.0007474	-0.000606	-0.0001828	-0.001476	-0.0011968
2559	474094.83, 3848332.25	1.46483	12.0517	9.68203	-0.0001853	-0.0015247	-0.0012249	-8.662E-05	-0.0007127	-0.0005725	-0.0001711	-0.0014074	-0.0011307
2560	474094.83, 3848357.25	1.37457	11.6459	9.10923	-0.0001739	-0.0014734	-0.0011524	-8.128E-05	-0.0006887	-0.0005387	-0.0001605	-0.00136	-0.0010638
2561	474094.83, 3848382.25	1.30067	11.3396	8.76525	-0.0001646	-0.0014346	-0.0011089	-7.691E-05	-0.0006706	-0.0005183	-0.0001519	-0.0013243	-0.0010236
2562	474094.83, 3848407.25	1.2328	11.0428	8.41994	-0.000156	-0.0013971	-0.0010652	-7.29E-05	-0.000653	-0.0004979	-0.000144	-0.0012896	-0.0009833
2563	474094.83, 3848432.25	1.16702	10.7129	8.12677	-0.0001476	-0.0013553	-0.0010281	-6.901E-05	-0.0006335	-0.0004806	-0.0001363	-0.0012511	-0.0009491
2564	474094.83, 3848457.25	1.10577	10.3648	7.80772	-0.0001399	-0.0013113	-0.0009878	-6.539E-05	-0.0006129	-0.0004617	-0.0001291	-0.0012104	-0.0009118
2565	474094.83, 3848482.25	1.05803	10.0819	7.55255	-0.0001339	-0.0012755	-0.0009555	-6.257E-05	-0.0005962	-0.0004466	-0.0001236	-0.0011774	-0.000882
2566	474094.83, 3848507.25	1.0101	9.72417	7.25058	-0.0001278	-0.0012302	-0.0009173	-5.973E-05	-0.000575	-0.0004288	-0.000118	-0.0011356	-0.0008467
2567	474119.83, 3848107.25	4.83426	27.7796	24.8652	-0.0006116	-0.0035145	-0.0031458	-0.0002859	-0.0016427	-0.0014704	-0.0005646	-0.0032442	-0.0029038
2568	474119.83, 3848132.25	3.77131	23.4597	20.6654	-0.0004771	-0.002968	-0.0026145	-0.000223	-0.0013873	-0.001222	-0.0004404	-0.0027397	-0.0024134
2569	474119.83, 3848157.25	3.12613	20.7935	17.7999	-0.0003955	-0.0026307	-0.0022519	-0.0001849	-0.0012296	-0.0010526	-0.0003651	-0.0024283	-0.0020787
2570	474119.83, 3848182.25	2.69861	18.9015	16.0208	-0.0003414	-0.0023913	-0.0020269	-0.0001596	-0.0011177	-0.0009474	-0.0003152	-0.0022074	-0.001871
2571	474119.83, 3848207.25	2.37823	17.3615	14.4648	-0.0003009	-0.0021965	-0.00183	-0.0001406	-0.0010267	-0.0008554	-0.0002777	-0.0020275	-0.0016892
2572	474119.83, 3848232.25	2.13648	16.1207	13.1888	-0.0002703	-0.0020395	-0.0016686	-0.0001263	-0.0009533	-0.0007799	-0.0002495	-0.0018826	-0.0015402
2573	474119.83, 3848257.25	1.94424	15.0549	12.1581	-0.000246	-0.0019046	-0.0015382	-0.000115	-0.0008903	-0.000719	-0.0002271	-0.0017581	-0.0014199
2574	474119.83, 3848282.25	1.78838	14.1185	11.3519	-0.0002263	-0.0017862	-0.0014362	-0.0001058	-0.0008349	-0.0006713	-0.0002089	-0.0016488	-0.0013257
2575	474119.83, 3848307.25	1.6582	13.2678	10.652	-0.0002098	-0.0016786	-0.0013476	-9.806E-05	-0.0007846	-0.0006299	-0.0001936	-0.0015495	-0.001244
2576	474119.83, 3848332.25	1.54693	12.4806	10.1514	-0.0001957	-0.001579	-0.0012843	-9.148E-05	-0.000738	-0.0006003	-0.0001807	-0.0014575	-0.0011855
2577	474119.83, 3848357.25	1.45213	12.0508	9.5902	-0.0001837	-0.0015246	-0.0012133	-8.587E-05	-0.0007126	-0.0005671	-0.0001696	-0.0014073	-0.00112
2578	474119.83, 3848382.25	1.36764	11.6891	9.11867	-0.000173	-0.0014788	-0.0011536	-8.087E-05	-0.0006912	-0.0005392	-0.0001597	-0.0013651	-0.0010649
2579	474119.83, 3848407.25	1.29412	11.3798	8.78187	-0.0001637	-0.0014397	-0.001111	-7.653E-05	-0.0006729	-0.0005193	-0.0001511	-0.001329	-0.0010256
2580	474119.83, 3848432.25	1.22224	11.0345	8.39127	-0.0001546	-0.001396	-0.0010616	-7.228E-05	-0.0006525	-0.0004962	-0.0001427	-0.0012886	-0.00098
2581	474119.83, 3848457.25	1.15339	10.6567	8.0872	-0.0001459	-0.0013482	-0.0010231	-6.82E-05	-0.0006302	-0.0004782	-0.0001347	-0.0012445	-0.0009444
2582	474119.83, 3848482.25	1.10157	10.3747	7.82941	-0.0001394	-0.0013125	-0.0009905	-6.514E-05	-0.0006135	-0.000463	-0.0001286	-0.0012116	-0.0009143
2583	474119.83, 3848507.25	1.05043	10.0257	7.53104	-0.0001329	-0.0012684	-0.0009528	-6.212E-05	-0.0005929	-0.0004453	-0.0001227	-0.0011708	-0.0008795
2584	474119.83, 3848532.25	1.00576	9.66438	7.24078	-0.0001272	-0.0012227	-0.0009161	-5.947E-05	-0.0005715	-0.0004282	-0.0001175	-0.0011286	-0.0008456
2585	474144.83, 3848107.25	6.11453	33.4488	29.3979	-0.0007736	-0.0042317	-0.0037192	-0.0003616	-0.001978	-0.0017384	-0.0007141	-0.0039062	-0.0034332
2586	474144.83, 3848132.25	4.51579	26.481	23.6503	-0.0005713	-0.0033502	-0.0029921	-0.000267	-0.0015659	-0.0013985	-0.0005274	-0.0030925	-0.0027619
2587	474144.83, 3848157.25	3.61433	22.899	20.0573	-0.0004573	-0.002897	-0.0025375	-0.0002137	-0.0013541	-0.0011861	-0.0004221	-0.0026742	-0.0023423
2588	474144.83, 3848182.25	3.03037	20.4186	17.4245	-0.0003834	-0.0025832	-0.0022044	-0.0001792	-0.0012074	-0.0010304	-0.0003539	-0.0023845	-0.0020349
2589	474144.83, 3848207.25	2.6127	18.4944	15.6201	-0.0003305	-0.0023398	-0.0019762	-0.0001545	-0.0010936	-0.0009237	-0.0003051	-0.0021598	-0.0018242
2590	474144.83, 3848232.25	2.33557	17.1771	14.3122	-0.0002955	-0.0021731	-0.0018107	-0.0001381	-0.0010158	-0.0008463	-0.0002728	-0.002006	-0.0016714
2591	474144.83, 3848257.25	2.1086	15.9915	13.0594	-0.0002668	-0.0020231	-0.0016522	-0.0001247	-0.0009456	-0.0007723	-0.0002462	-0.0018675	-0.0015251
2592	474144.83, 3848282.25	1.92118	14.9214	12.0455	-0.0002431	-0.0018878	-0.0015239	-0.0001136	-0.0008824	-0.0007123	-0.0002244	-0.0017426	-0.0014067
2593	474144.83, 3848307.25	1.76702	13.9649	11.2844	-0.0002236	-0.0017668	-0.0014276	-0.0001045	-0.0008258	-0.0006673	-0.0002064	-0.0016309	-0.0013178
2594	474144.83, 3848332.25	1.64065	13.1174	10.5981	-0.0002076	-0.0016595	-0.0013408	-9.702E-05	-0.0007757	-0.0006267	-0.0001916	-0.0015319	-0.0012377
2595	474144.83, 3848357.25	1.53692	12.4847	10.095	-0.0001944	-0.0015795	-0.0012772	-9.088E-05	-0.0007383	-0.000597	-0.0001795	-0.001458	-0.0011789
2596	474144.83, 3848382.25	1.4422	12.0763	9.50524	-0.0001825	-0.0015278	-0.0012025	-8.528E-05	-0.0007141	-0.0005621	-0.0001684	-0.0014103	-0.00111
2597	474144.83, 3848407.25	1.35912	11.722	9.11868	-0.0001719	-0.001483	-0.0011536	-8.037E-05	-0.0006932	-0.0005392	-0.0001587	-0.0013689	-0.0010649
2598	474144.83, 3848432.25	1.27946	11.3479	8.65012	-0.0001619	-0.0014357	-0.0010944	-7.566E-05	-0.000671	-0.0005115	-0.0001494	-0.0013252	-0.0010102
2599	474144.83, 3848457.25	1.20504	10.9621	8.32855	-0.0001525	-0.0013869	-0.0010537	-7.126E-05	-0.0006482	-0.0004925	-0.0001407	-0.0012802	-0.0009726
2600	474144.83, 3848482.25	1.14704	10.6628	8.09979	-0.0001451	-0.001349	-0.0010247	-6.783E-05	-0.0006305	-0.000479	-0.000134	-0.0012452	-0.0009459
2601	474144.83, 3848507.25	1.09188	10.3174	7.80125	-0.0001381	-0.0013053	-0.000987	-6.457E-05	-0.0006101	-0.0004613	-0.0001275	-0.0012049	-0.0009111
2602	474144.83, 3848532.25	1.04473	9.97127	7.51042	-0.0001322	-0.0012615	-0.0009502	-6.178E-05	-0.0005896	-0.0004441	-0.000122	-0.0011645	-0.0008771
2603	474144.83, 3848557.25	1.0017	9.5861	7.33964	-0.0001267	-0.0012128	-0.0009286	-5.923E-05	-0.0005669	-0.000434	-0.000117	-0.0011195	-0.0008571
2604	474169.83, 3848132.25	5.79106	32.5042	28.4194	-0.0007326	-0.0041122	-0.0035954	-0.0003424	-0.0019221	-0.0016806	-0.0006763	-0.0037959	-0.0033189
2605	474169.83, 3848157.25	4.38611	26.2186	23.3803	-0.0005549	-0.003317	-0.0029579	-0.0002594	-0.0015504	-0.0013826	-0.0005122	-0.0030619	-0.0027304
2606	474169.83, 3848182.25	3.51355	22.5899	19.7092	-0.0004445	-0.0028579	-0.0024935	-0.0002078	-0.0013358	-0.0011655	-0.0004103	-0.0026381	-0.0023017
2607	474169.83, 3848207.25	2.96249	20.1861	17.2444	-0.0003748	-0.0025538	-0.0021816	-0.0001752	-0.0011937	-0.0010197	-0.000346	-0.0023574	-0.0020138
2608	474169.83, 3848232.25	2.55651	18.2557	15.3739	-0.0003234	-0.0023096	-0.001945	-0.0001512	-0.0010795	-0.0009091	-0.0002986	-0.0021319	-0.0017954
2609	474169.83, 3848257.25	2.31563	17.1262	14.1909	-0.000293	-0.0021667	-0.0017953	-0.0001369	-0.0010127	-0.0008392	-0.0002704	-0.002	-0.0016572
2610	474169.83, 3848282.25	2.0956	15.9481	13.0166	-0.0002651	-0.0020176	-0.0016468	-0.0001239	-0.0009431	-0.0007697	-0.0002447	-0.0018625	-0.0015201
2611	474169.83, 3848307.25	1.90013	14.7821	11.9407	-0.0002404	-0.0018701	-0.0015107	-0.0001124	-0.0008741	-0.0007061	-0.0002219	-0.0017263	-0.0013945
2612	474169.83, 3848332.25	1.74968	13.8234	11.1711	-0.0002214	-0.0017488	-0.0014133	-0.0001035	-0.0008174	-0.0006606	-0.0002043	-0.0016143	-0.0013046
2613	474169.83, 3848357.25	1.63074	13.0099	10.587	-0.0002063	-0.0016459	-0.0013394	-9.643E-05	-0.0007693	-0.0006261	-0.0001904	-0.0015193	-0.0012364

2614	474169.83, 3848382.25	1.52075	12.4701	9.97909	-0.0001924	-0.0015776	-0.0012625	-8.993E-05	-0.0007374	-0.0005901	-0.0001776	-0.0014563	-0.0011654
2615	474169.83, 3848407.25	1.42965	12.0861	9.4731	-0.0001809	-0.0015291	-0.0011985	-8.454E-05	-0.0007147	-0.0005602	-0.000167	-0.0014115	-0.0011063
2616	474169.83, 3848432.25	1.3443	11.7034	9.07515	-0.0001701	-0.0014806	-0.0011481	-7.949E-05	-0.0006921	-0.0005367	-0.000157	-0.0013668	-0.0010598
2617	474169.83, 3848457.25	1.26271	11.297	8.56778	-0.0001598	-0.0014292	-0.0010839	-7.467E-05	-0.000668	-0.0005066	-0.0001475	-0.0013193	-0.0010006
2618	474169.83, 3848482.25	1.19595	10.9596	8.33177	-0.0001513	-0.0013865	-0.0010541	-7.072E-05	-0.0006481	-0.0004927	-0.0001397	-0.0012799	-0.000973
2619	474169.83, 3848507.25	1.14167	10.6673	8.11407	-0.0001444	-0.0013496	-0.0010265	-6.751E-05	-0.0006308	-0.0004798	-0.0001333	-0.0012458	-0.0009476
2620	474169.83, 3848532.25	1.08869	10.3077	7.81078	-0.0001377	-0.0013041	-0.0009882	-6.438E-05	-0.0006095	-0.0004619	-0.0001271	-0.0012038	-0.0009122
2621	474169.83, 3848557.25	1.04105	9.91526	7.52567	-0.0001317	-0.0012544	-0.0009521	-6.156E-05	-0.0005863	-0.000445	-0.0001216	-0.0011579	-0.0008789
2622	474169.83, 3848582.25	0.9978	9.48361	7.45936	-0.0001262	-0.0011998	-0.0009437	-5.9E-05	-0.0005608	-0.0004411	-0.0001165	-0.0011075	-0.0008711
2623	474194.83, 3848157.25	5.55233	31.7702	27.8746	-0.0007024	-0.0040194	-0.0035265	-0.0003283	-0.0018787	-0.0016483	-0.0006484	-0.0037102	-0.0032553
2624	474194.83, 3848182.25	4.40785	26.954	24.0071	-0.0005577	-0.0034101	-0.0030372	-0.0002607	-0.0015939	-0.0014196	-0.0005148	-0.0031478	-0.0028036
2625	474194.83, 3848207.25	3.6235	23.6718	20.6122	-0.0004584	-0.0029948	-0.0026077	-0.0002143	-0.0013998	-0.0012189	-0.0004232	-0.0027645	-0.0024071
2626	474194.83, 3848232.25	2.93392	20.1901	17.2536	-0.0003712	-0.0025543	-0.0021828	-0.0001735	-0.0011939	-0.0010203	-0.0003426	-0.0023578	-0.0020149
2627	474194.83, 3848257.25	2.57377	18.4857	15.5241	-0.0003256	-0.0023387	-0.001964	-0.0001522	-0.0010931	-0.000918	-0.0003006	-0.0021588	-0.0018129
2628	474194.83, 3848282.25	2.29807	17.0769	14.1163	-0.0002907	-0.0021605	-0.0017859	-0.0001359	-0.0010098	-0.0008348	-0.0002684	-0.0019943	-0.0016485
2629	474194.83, 3848307.25	2.06948	15.7934	12.898	-0.0002618	-0.0019981	-0.0016318	-0.0001224	-0.0009339	-0.0007627	-0.0002417	-0.0018444	-0.0015063
2630	474194.83, 3848332.25	1.8815	14.6466	11.8669	-0.000238	-0.001853	-0.0015013	-0.0001113	-0.0008661	-0.0007017	-0.0002197	-0.0017105	-0.0013858
2631	474194.83, 3848357.25	1.73896	13.72	11.0786	-0.00022	-0.0017358	-0.0014016	-0.0001028	-0.0008113	-0.0006551	-0.0002031	-0.0016023	-0.0012938
2632	474194.83, 3848382.25	1.61333	12.9481	10.5182	-0.0002041	-0.0016381	-0.0013307	-9.54E-05	-0.0007657	-0.000622	-0.0001884	-0.0015121	-0.0012283
2633	474194.83, 3848407.25	1.50969	12.5019	9.88217	-0.000191	-0.0015817	-0.0012502	-8.927E-05	-0.0007393	-0.0005844	-0.0001763	-0.00146	-0.0011541
2634	474194.83, 3848432.25	1.41992	12.1227	9.46718	-0.0001796	-0.0015337	-0.0011977	-8.397E-05	-0.0007169	-0.0005598	-0.0001658	-0.0014157	-0.0011056
2635	474194.83, 3848457.25	1.33617	11.743	8.99216	-0.000169	-0.0014857	-0.0011376	-7.901E-05	-0.0006944	-0.0005317	-0.000156	-0.0013714	-0.0010501
2636	474194.83, 3848482.25	1.25294	11.3038	8.56515	-0.0001585	-0.0014301	-0.0010836	-7.409E-05	-0.0006684	-0.0005065	-0.0001463	-0.0013201	-0.0010003
2637	474194.83, 3848507.25	1.18927	10.9689	8.3642	-0.0001505	-0.0013877	-0.0010582	-7.033E-05	-0.0006486	-0.0004946	-0.0001389	-0.001281	-0.0009768
2638	474194.83, 3848532.25	1.13703	10.6626	8.12307	-0.0001438	-0.001349	-0.0010277	-6.724E-05	-0.0006305	-0.0004804	-0.0001328	-0.0012452	-0.0009486
2639	474194.83, 3848557.25	1.08656	10.2861	7.81236	-0.0001375	-0.0013013	-0.0009884	-6.425E-05	-0.0006083	-0.000462	-0.0001269	-0.0012012	-0.0009123
2640	474194.83, 3848582.25	1.03745	9.83232	7.64274	-0.0001313	-0.0012439	-0.0009669	-6.135E-05	-0.0005814	-0.0004519	-0.0001212	-0.0011482	-0.0008925
2641	474219.83, 3848182.25	5.24533	30.4232	26.7158	-0.0006636	-0.0038489	-0.0033799	-0.0003102	-0.001799	-0.0015798	-0.0006126	-0.0035529	-0.0031199
2642	474219.83, 3848207.25	4.05084	25.1102	22.1332	-0.0005125	-0.0031768	-0.0028002	-0.0002395	-0.0014849	-0.0013088	-0.0004731	-0.0029324	-0.0025848
2643	474219.83, 3848232.25	3.36493	22.2368	19.2267	-0.0004257	-0.0028133	-0.0024324	-0.000199	-0.001315	-0.001137	-0.000393	-0.0025969	-0.0022453
2644	474219.83, 3848257.25	2.87223	19.9627	16.9944	-0.0003634	-0.0025256	-0.00215	-0.0001698	-0.0011805	-0.0010049	-0.0003354	-0.0023313	-0.0019847
2645	474219.83, 3848282.25	2.53246	18.3178	15.3839	-0.0003204	-0.0023174	-0.0019463	-0.0001498	-0.0010832	-0.0009097	-0.0002957	-0.0021392	-0.0017966
2646	474219.83, 3848307.25	2.26751	16.9284	13.9842	-0.0002869	-0.0021417	-0.0017692	-0.0001341	-0.001001	-0.0008269	-0.0002648	-0.0019769	-0.0016331
2647	474219.83, 3848332.25	2.04189	15.6205	12.7712	-0.0002583	-0.0019762	-0.0016157	-0.0001207	-0.0009237	-0.0007552	-0.0002385	-0.0018242	-0.0014915
2648	474219.83, 3848357.25	1.87203	14.5739	11.8424	-0.0002368	-0.0018438	-0.0014982	-0.0001107	-0.0008618	-0.0007003	-0.0002186	-0.001702	-0.001383
2649	474219.83, 3848382.25	1.72331	13.5742	11.0125	-0.000218	-0.0017173	-0.0013932	-0.0001019	-0.0008027	-0.0006512	-0.0002013	-0.0015852	-0.0012861
2650	474219.83, 3848407.25	1.60292	12.9903	10.4458	-0.0002028	-0.0016434	-0.0013215	-9.479E-05	-0.0007682	-0.0006177	-0.0001872	-0.001517	-0.0012199
2651	474219.83, 3848432.25	1.49915	12.538	9.86207	-0.0001897	-0.0015862	-0.0012477	-8.865E-05	-0.0007414	-0.0005832	-0.0001751	-0.0014642	-0.0011517
2652	474219.83, 3848457.25	1.40293	12.0953	9.41499	-0.0001775	-0.0015302	-0.0011911	-8.296E-05	-0.0007152	-0.0005567	-0.0001638	-0.0014125	-0.0010995
2653	474219.83, 3848482.25	1.31105	11.628	8.79987	-0.0001659	-0.0014711	-0.0011133	-7.753E-05	-0.0006876	-0.0005204	-0.0001531	-0.0013579	-0.0010277
2654	474219.83, 3848507.25	1.24248	11.2943	8.57056	-0.0001572	-0.0014289	-0.0010843	-7.347E-05	-0.0006679	-0.0005068	-0.0001451	-0.001319	-0.0010009
2655	474219.83, 3848532.25	1.18333	10.9696	8.39467	-0.0001497	-0.0013878	-0.001062	-6.998E-05	-0.0006487	-0.0004964	-0.0001382	-0.0012811	-0.0009804
2656	474219.83, 3848557.25	1.13051	10.6167	8.10371	-0.000143	-0.0013432	-0.0010252	-6.685E-05	-0.0006278	-0.0004792	-0.000132	-0.0012399	-0.0009464
2657	474219.83, 3848582.25	1.08294	10.2213	7.85242	-0.000137	-0.0012931	-0.0009934	-6.404E-05	-0.0006044	-0.0004643	-0.0001265	-0.0011937	-0.000917
2658	474219.83, 3848607.25	1.0405	9.78623	7.83162	-0.0001316	-0.0012381	-0.0009908	-6.153E-05	-0.0005787	-0.0004631	-0.0001215	-0.0011429	-0.0009146
2659	474244.83, 3848207.25	5.11811	30.104	26.6717	-0.0006475	-0.0038086	-0.0033743	-0.0003027	-0.0017802	-0.0015772	-0.0005977	-0.0035156	-0.0031148
2660	474244.83, 3848232.25	3.97574	25.0588	21.9854	-0.000503	-0.0031703	-0.0027815	-0.0002351	-0.0014818	-0.0013001	-0.0004643	-0.0029264	-0.0025675
2661	474244.83, 3848257.25	3.29603	22.0552	18.9758	-0.000417	-0.0027903	-0.0024007	-0.0001949	-0.0013042	-0.0011221	-0.0003849	-0.0025757	-0.002216
2662	474244.83, 3848282.25	2.8494	19.984	16.9507	-0.0003605	-0.0025282	-0.0021445	-0.0001685	-0.0011817	-0.0010024	-0.0003328	-0.0023338	-0.0019796
2663	474244.83, 3848307.25	2.51708	18.3246	15.3232	-0.0003184	-0.0023183	-0.0019386	-0.0001488	-0.0010836	-0.0009061	-0.000294	-0.00214	-0.0017895
2664	474244.83, 3848332.25	2.244	16.8227	13.893	-0.0002839	-0.0021283	-0.0017577	-0.0001327	-0.0009948	-0.0008215	-0.0002621	-0.0019646	-0.0016225
2665	474244.83, 3848357.25	2.02036	15.4857	12.6223	-0.0002556	-0.0019592	-0.0015969	-0.0001195	-0.0009157	-0.0007464	-0.0002359	-0.0018085	-0.0014741
2666	474244.83, 3848382.25	1.83993	14.3259	11.6716	-0.0002328	-0.0018124	-0.0014766	-0.0001088	-0.0008471	-0.0006902	-0.0002149	-0.001673	-0.001363
2667	474244.83, 3848407.25	1.70049	13.4739	10.9219	-0.0002151	-0.0017046	-0.0013818	-0.0001006	-0.0007968	-0.0006459	-0.0001986	-0.0015735	-0.0012755
2668	474244.83, 3848432.25	1.58328	12.9577	10.2925	-0.0002003	-0.0016393	-0.0013021	-9.363E-05	-0.0007662	-0.0006086	-0.0001849	-0.0015132	-0.001202
2669	474244.83, 3848457.25	1.47795	12.4843	9.77843	-0.000187	-0.0015794	-0.0012371	-8.74E-05	-0.0007382	-0.0005782	-0.0001726	-0.0014579	-0.001142
2670	474244.83, 3848482.25	1.38326	12.0415	9.25895	-0.000175	-0.0015234	-0.0011714	-8.18E-05	-0.0007121	-0.0005475	-0.0001615	-0.0014062	-0.0010813
2671	474244.83, 3848507.25	1.30331	11.6571	8.81904	-0.0001649	-0.0014748	-0.0011157	-7.707E-05	-0.0006893	-0.0005215	-0.0001522	-0.0013614	-0.0010299
2672	474244.83, 3848532.25	1.23585	11.3059	8.61373	-0.0001564	-0.0014303	-0.0010898	-7.308E-05	-0.0006686	-0.0005094	-0.0001443	-0.0013203	-0.0010059
2673	474244.83, 3848557.25	1.17776	10.9526	8.39629	-0.000149	-0.0013857	-0.0010622	-6.965E-05	-0.0006477	-0.0004965	-0.0001375	-0.0012791	-0.0009805
2674	474244.83, 3848582.25	1.12502	10.553	8.07634	-0.0001423	-0.0013351	-0.0010218	-6.653E-05	-0.000624	-0.0004776	-0.0001314	-0.0012324	-0.0009432
2675	474244.83, 3848607.25	1.07458	10.0766	7.95447	-0.0001359	-0.0012748	-0.0010063	-6.354E-05	-0.0005959	-0.0004704	-0.0001255	-0.0011768	-0.0009289
2676	474244.83, 3848632.25	1.03464	9.61696	7.92912	-0.0001309	-0.0012167	-0.0010031	-6.118E-05	-0.0005687	-0.0004689	-0.0001208	-0.0011231	-0.000926
2677	474269.83, 3848232.25	4.81415	28.5565	25.4486	-0.0006091	-0.0036128	-0.0032196	-0.0002847	-0.0016887	-0.0015049	-0.0005622	-0.0033349	-0.002972
2678	474269.83, 3848257.25	3.9837	25.5029	22.31	-0.000504	-0.0032265	-0.0028225	-0.0002356	-0.0015081	-0.0013193	-0.0004652	-0.0029783	-0.0026054
2679	474269.83, 3848282.25	3.2883	22.2328	19.0898	-0.000416	-0.0028128	-0.0024151	-0.0001945	-0.0013147	-0.0011289	-0.000384	-0.0025964	-0.0022294
2680	474269.83, 3848307.25	2.80358	19.8258	16.7813	-0.0003547	-0.0025082	-0.0021231	-0.0001658	-0.0011724	-0.0009923	-0.0003274	-0.0023153	-0.0019598
2681	474269.83, 3848332.25	2.48971	18.2317	15.2237	-0.000315	-0.0023066	-0.001926	-0.0001472	-0.0010781	-0.0009002	-0.0002908	-0.0021292	-0.0017779
2682	474269.83, 3848357.25	2.20289	16.5738	13.674	-0.0002787	-0.0020968	-0.00173	-0.0001303	-0.0009801	-0.0008086	-0.0002573	-0.0019355	-0.0015969
2683	474269.83, 3848382.25	1.98334	15.2256	12.4482	-0.0002509	-0.0019262	-0.0015749	-0.0001173	-0.0009004	-0.0007361	-0.0002316	-0.0017781	-0.0014537
2684	474269.83, 3848407.25	1.81547	14.1259	11.5511	-0.0002297	-0.0017871	-0.0014614	-0.0001074	-0.0008353	-0.0006831	-0.000212	-0.0016497	-0.001349
2685	474269.83, 3848432.25	1.68107	13.447	10.8462	-0.0002127	-0.0017012	-0.0013722	-9.941E-05	-0.0007952	-0.0006414	-0.0001963	-0.0015704	-0.0012666
2686	474269.83, 3848457.25	1.56796	12.9581	10.2274	-0.0001984	-0.0016394	-0.0012939	-9.272E-05	-0.0007663	-0.0006048	-0.0001831	-0.0015133	-0.0011944
2687	474269.83, 3848482.25	1.46778	12.5205	9.78137	-0.0001857	-0.001584	-0.0012375	-8.68E-05	-0.0007404	-0.0005784	-0.0001714	-0.0014622	-0.0011423
2688	474269.83, 3848507.25	1.37486	12.0792	9.12741	-0.0001739	-0.0015282	-0.0011547	-8.13E-05	-0.0007143	-0.0005397	-0.0001606	-0.0014106	-0.0010659
2689	474269.83, 3848532.25	1.29574	11.6778	8.85322	-0.0001639	-0.0014774	-0.0011201	-7.662E-05	-0.0006906	-0.0005235	-0.0001513	-0.0013638	-0.0010339
2690	474269.83, 3848557.25	1.23029	11.3093	8.68069	-0.0001556	-0.0014308	-0.0010982	-7.275E-05	-0.0006688	-0.0005133	-0.0001437	-0.0013207	-0.0010138

2691	474269.83, 3848582.25	1.17407	10.9283	8.39846	-0.0001485	-0.0013826	-0.0010625	-6.943E-05	-0.0006462	-0.0004966	-0.0001371	-0.0012762	-0.0009808
2692	474269.83, 3848607.25	1.1203	10.4652	8.14597	-0.0001417	-0.001324	-0.0010306	-6.625E-05	-0.0006189	-0.0004817	-0.0001308	-0.0012222	-0.0009513
2693	474269.83, 3848632.25	1.0709	9.94528	8.11348	-0.0001355	-0.0012582	-0.0010265	-6.333E-05	-0.0005881	-0.0004798	-0.0001251	-0.0011614	-0.0009475
2694	474269.83, 3848657.25	1.02653	9.39251	7.76025	-0.0001299	-0.0011883	-0.0009818	-6.07E-05	-0.0005554	-0.0004589	-0.0001199	-0.0010969	-0.0009063
2695	474294.83, 3848257.25	4.69644	28.2542	25.0939	-0.0005942	-0.0035745	-0.0031747	-0.0002777	-0.0016708	-0.0014839	-0.0005485	-0.0032996	-0.0029305
2696	474294.83, 3848282.25	3.78407	24.4636	21.2929	-0.0004787	-0.003095	-0.0026938	-0.0002238	-0.0014466	-0.0012591	-0.0004419	-0.0028569	-0.0024866
2697	474294.83, 3848307.25	3.30421	22.6136	19.3501	-0.000418	-0.0028609	-0.0024481	-0.0001954	-0.0013372	-0.0011442	-0.0003859	-0.0026409	-0.0022598
2698	474294.83, 3848332.25	3.05651	22.0594	18.7612	-0.0003867	-0.0027908	-0.0023736	-0.0001807	-0.0013045	-0.0011094	-0.0003569	-0.0025762	-0.002191
2699	474294.83, 3848357.25	2.49172	18.3398	15.2995	-0.0003152	-0.0023202	-0.0019356	-0.0001473	-0.0010845	-0.0009047	-0.000291	-0.0021418	-0.0017867
2700	474294.83, 3848382.25	2.17216	16.3874	13.4758	-0.0002748	-0.0020732	-0.0017049	-0.0001284	-0.0009691	-0.0007969	-0.0002537	-0.0019138	-0.0015737
2701	474294.83, 3848407.25	1.96021	15.0558	12.3525	-0.000248	-0.0019048	-0.0015628	-0.0001159	-0.0008903	-0.0007305	-0.0002289	-0.0017583	-0.0014426
2702	474294.83, 3848432.25	1.80074	14.0556	11.49	-0.0002278	-0.0017782	-0.0014536	-0.0001065	-0.0008312	-0.0006794	-0.0002103	-0.0016415	-0.0013418
2703	474294.83, 3848457.25	1.67112	13.4939	10.7827	-0.0002114	-0.0017072	-0.0013642	-9.882E-05	-0.0007979	-0.0006376	-0.0001952	-0.0015758	-0.0012592
2704	474294.83, 3848482.25	1.55906	13.0142	10.2396	-0.0001972	-0.0016465	-0.0012954	-9.219E-05	-0.0007696	-0.0006055	-0.0001821	-0.0015198	-0.0011958
2705	474294.83, 3848507.25	1.4552	12.5377	9.6977	-0.0001841	-0.0015862	-0.0012269	-8.605E-05	-0.0007414	-0.0005735	-0.0001699	-0.0014642	-0.0011325
2706	474294.83, 3848532.25	1.36243	12.075	9.13098	-0.0001724	-0.0015277	-0.0011552	-8.057E-05	-0.000714	-0.00054	-0.0001591	-0.0014102	-0.0010663
2707	474294.83, 3848557.25	1.28713	11.6735	8.89865	-0.0001628	-0.0014769	-0.0011258	-7.611E-05	-0.0006903	-0.0005262	-0.0001503	-0.0013633	-0.0010392
2708	474294.83, 3848582.25	1.22487	11.2907	8.7065	-0.000155	-0.0014284	-0.0011015	-7.243E-05	-0.0006677	-0.0005149	-0.000143	-0.0013186	-0.0010168
2709	474294.83, 3848607.25	1.16692	10.8387	8.35255	-0.0001476	-0.0013712	-0.0010567	-6.9E-05	-0.0006409	-0.0004939	-0.0001363	-0.0012658	-0.0009754
2710	474294.83, 3848632.25	1.11359	10.322	8.28171	-0.0001409	-0.0013059	-0.0010477	-6.585E-05	-0.0006104	-0.0004897	-0.00013	-0.0012054	-0.0009672
2711	474294.83, 3848657.25	1.06938	9.79996	8.08044	-0.0001353	-0.0012398	-0.0010223	-6.324E-05	-0.0005795	-0.0004778	-0.0001249	-0.0011445	-0.0009437
2712	474294.83, 3848682.25	1.0282	9.2352	7.77908	-0.0001301	-0.0011684	-0.0009842	-6.08E-05	-0.0005461	-0.00046	-0.0001201	-0.0010785	-0.0009085
2713	474319.83, 3848257.25	5.99822	34.1097	29.6681	-0.0007589	-0.0043153	-0.0037534	-0.0003547	-0.002017	-0.0017544	-0.0007005	-0.0039834	-0.0034647
2714	474319.83, 3848282.25	4.72678	28.9952	25.5653	-0.000598	-0.0036683	-0.0032344	-0.0002795	-0.0017146	-0.0015118	-0.000552	-0.0033861	-0.0029856
2715	474319.83, 3848307.25	3.99512	26.4874	23.033	-0.0005054	-0.003351	-0.002914	-0.0002362	-0.0015663	-0.001362	-0.0004666	-0.0030933	-0.0026899
2716	474319.83, 3848332.25	3.43824	24.022	20.6043	-0.000435	-0.0030391	-0.0026067	-0.0002033	-0.0014205	-0.0012184	-0.0004015	-0.0028054	-0.0024062
2717	474319.83, 3848357.25	3.02449	21.9488	18.6318	-0.0003826	-0.0027768	-0.0023572	-0.0001789	-0.0012979	-0.0011018	-0.0003532	-0.0025632	-0.0021759
2718	474319.83, 3848382.25	2.50386	18.5195	15.4957	-0.0003168	-0.002343	-0.0019604	-0.0001481	-0.0010951	-0.0009163	-0.0002924	-0.0021628	-0.0018096
2719	474319.83, 3848407.25	2.16002	16.3276	13.371	-0.0002733	-0.0020657	-0.0016916	-0.0001277	-0.0009655	-0.0007907	-0.0002523	-0.0019068	-0.0015615
2720	474319.83, 3848432.25	1.94273	14.9172	12.1753	-0.0002458	-0.0018872	-0.0015403	-0.0001149	-0.0008821	-0.00072	-0.0002269	-0.0017421	-0.0014219
2721	474319.83, 3848457.25	1.7897	14.1017	11.4473	-0.0002264	-0.0017841	-0.0014482	-0.0001058	-0.0008339	-0.0006769	-0.000209	-0.0016468	-0.0013368
2722	474319.83, 3848482.25	1.65631	13.513	10.7159	-0.0002095	-0.0017096	-0.0013557	-9.794E-05	-0.0007991	-0.0006337	-0.0001934	-0.0015781	-0.0012514
2723	474319.83, 3848507.25	1.53915	12.9847	10.1781	-0.0001947	-0.0016427	-0.0012877	-9.102E-05	-0.0007678	-0.0006019	-0.0001797	-0.0015164	-0.0011886
2724	474319.83, 3848532.25	1.43339	12.4714	9.45439	-0.0001813	-0.0015778	-0.0011961	-8.476E-05	-0.0007375	-0.0005591	-0.0001674	-0.0014564	-0.0011041
2725	474319.83, 3848557.25	1.34881	12.0464	9.14519	-0.0001706	-0.001524	-0.001157	-7.976E-05	-0.0007124	-0.0005408	-0.0001575	-0.0014068	-0.001068
2726	474319.83, 3848582.25	1.2801	11.6627	8.97362	-0.000162	-0.0014755	-0.0011353	-7.57E-05	-0.0006897	-0.0005306	-0.0001495	-0.001362	-0.001048
2727	474319.83, 3848607.25	1.21697	11.2184	8.67209	-0.000154	-0.0014193	-0.0010971	-7.196E-05	-0.0006634	-0.0005128	-0.0001421	-0.0013101	-0.0010127
2728	474319.83, 3848632.25	1.16177	10.7332	8.47272	-0.000147	-0.0013579	-0.0010719	-6.87E-05	-0.0006347	-0.000501	-0.0001357	-0.0012535	-0.0009895
2729	474319.83, 3848657.25	1.10988	10.1713	8.37682	-0.0001404	-0.0012868	-0.0010598	-6.563E-05	-0.0006015	-0.0004954	-0.0001296	-0.0011878	-0.0009783
2730	474319.83, 3848682.25	1.07049	9.6462	7.9962	-0.0001354	-0.0012204	-0.0010116	-6.33E-05	-0.0005704	-0.0004728	-0.000125	-0.0011265	-0.0009338
2731	474319.83, 3848707.25	1.02846	9.22835	7.91462	-0.0001301	-0.0011675	-0.0010013	-6.082E-05	-0.0005457	-0.000468	-0.0001201	-0.0010777	-0.0009243
2732	474344.83, 3848282.25	5.97645	34.3765	30.3598	-0.0007561	-0.0043491	-0.0038409	-0.0003534	-0.0020328	-0.0017953	-0.0006979	-0.0040146	-0.0035455
2733	474344.83, 3848307.25	4.657	29.0949	25.5304	-0.0005892	-0.0036809	-0.00323	-0.0002754	-0.0017205	-0.0015097	-0.0005439	-0.0033978	-0.0029815
2734	474344.83, 3848332.25	3.75979	24.9402	21.6115	-0.0004757	-0.0031553	-0.0027342	-0.0002223	-0.0014748	-0.001278	-0.0004391	-0.0029126	-0.0025239
2735	474344.83, 3848357.25	3.12942	21.7301	18.5569	-0.0003959	-0.0027492	-0.0023477	-0.0001851	-0.001285	-0.0010973	-0.0003655	-0.0025377	-0.0021671
2736	474344.83, 3848382.25	2.71005	19.5398	16.4674	-0.0003429	-0.0024721	-0.0020834	-0.0001603	-0.0011555	-0.0009738	-0.0003165	-0.0022819	-0.0019231
2737	474344.83, 3848407.25	2.42083	17.9617	14.9644	-0.0003063	-0.0022724	-0.0018932	-0.0001432	-0.0010621	-0.0008849	-0.0002827	-0.0020976	-0.0017476
2738	474344.83, 3848432.25	2.16172	16.3615	13.4448	-0.0002735	-0.0020699	-0.001701	-0.0001278	-0.0009675	-0.000795	-0.0002525	-0.0019107	-0.0015701
2739	474344.83, 3848457.25	1.93441	14.8484	12.1347	-0.0002447	-0.0018785	-0.0015352	-0.0001144	-0.000878	-0.0007176	-0.0002259	-0.001734	-0.0014171
2740	474344.83, 3848482.25	1.7703	14.0934	11.3346	-0.000224	-0.001783	-0.001434	-0.0001047	-0.0008334	-0.0006703	-0.0002067	-0.0016459	-0.0013237
2741	474344.83, 3848507.25	1.63556	13.4875	10.6506	-0.0002069	-0.0017064	-0.0013475	-9.672E-05	-0.0007976	-0.0006298	-0.000191	-0.0015751	-0.0012438
2742	474344.83, 3848532.25	1.51745	12.9364	10.06	-0.000192	-0.0016366	-0.0012727	-8.973E-05	-0.000765	-0.0005949	-0.0001772	-0.0015107	-0.0011748
2743	474344.83, 3848557.25	1.42033	12.4678	9.45036	-0.0001797	-0.0015774	-0.0011956	-8.399E-05	-0.0007373	-0.0005588	-0.0001659	-0.001456	-0.0011036
2744	474344.83, 3848582.25	1.34052	12.047	9.20948	-0.0001696	-0.0015241	-0.0011651	-7.927E-05	-0.0007124	-0.0005446	-0.0001565	-0.0014069	-0.0010755
2745	474344.83, 3848607.25	1.2723	11.6175	9.00385	-0.000161	-0.0014698	-0.0011391	-7.524E-05	-0.000687	-0.0005324	-0.0001486	-0.0013567	-0.0010515
2746	474344.83, 3848632.25	1.20938	11.1138	8.64567	-0.000153	-0.001406	-0.0010938	-7.152E-05	-0.0006572	-0.0005113	-0.0001412	-0.0012979	-0.0010097
2747	474344.83, 3848657.25	1.1545	10.5676	8.63199	-0.0001461	-0.0013369	-0.0010921	-6.827E-05	-0.0006249	-0.0005104	-0.0001348	-0.0012341	-0.0010081
2748	474344.83, 3848682.25	1.10505	9.97243	8.23064	-0.0001398	-0.0012616	-0.0010413	-6.535E-05	-0.0005897	-0.0004867	-0.0001291	-0.0011646	-0.0009612
2749	474344.83, 3848707.25	1.06131	9.382	8.05727	-0.0001343	-0.001187	-0.0010194	-6.276E-05	-0.0005548	-0.0004765	-0.0001239	-0.0010957	-0.0009409
2750	474369.83, 3848307.25	5.72953	33.2878	29.3775	-0.0007249	-0.0042114	-0.0037167	-0.0003388	-0.0019684	-0.0017372	-0.0006691	-0.0038874	-0.0034308
2751	474369.83, 3848332.25	4.49993	28.326	24.9138	-0.0005693	-0.0035836	-0.0031519	-0.0002661	-0.001675	-0.0014733	-0.0005255	-0.003308	-0.0029095
2752	474369.83, 3848357.25	3.74126	25.0689	21.7496	-0.0004733	-0.0031716	-0.0027516	-0.0002212	-0.0014824	-0.0012861	-0.0004369	-0.0029276	-0.00254
2753	474369.83, 3848382.25	3.12293	21.869	18.6255	-0.0003951	-0.0027667	-0.0023564	-0.0001847	-0.0012932	-0.0011014	-0.0003647	-0.0025539	-0.0021751
2754	474369.83, 3848407.25	2.6578	19.2664	16.2124	-0.0003362	-0.0024375	-0.0020511	-0.0001572	-0.0011393	-0.0009587	-0.0003104	-0.00225	-0.0018933
2755	474369.83, 3848432.25	2.33544	17.3715	14.3503	-0.0002955	-0.0021977	-0.0018155	-0.0001381	-0.0010272	-0.0008486	-0.0002727	-0.0020287	-0.0016759
2756	474369.83, 3848457.25	2.10222	15.9192	13.1179	-0.000266	-0.002014	-0.0016596	-0.0001243	-0.0009414	-0.0007757	-0.0002455	-0.0018591	-0.0015319
2757	474369.83, 3848482.25	1.91203	14.8199	12.0687	-0.0002419	-0.0018749	-0.0015269	-0.0001131	-0.0008764	-0.0007137	-0.0002233	-0.0017307	-0.0014094
2758	474369.83, 3848507.25	1.75375	14.1059	11.2565	-0.0002219	-0.0017846	-0.0014241	-0.0001037	-0.0008341	-0.0006656	-0.0002048	-0.0016473	-0.0013146
2759	474369.83, 3848532.25	1.61396	13.4548	10.5898	-0.0002042	-0.0017022	-0.0013398	-9.544E-05	-0.0007956	-0.0006262	-0.0001885	-0.0015713	-0.0012367
2760	474369.83, 3848557.25	1.49975	12.9146	9.86726	-0.0001897	-0.0016339	-0.0012483	-8.869E-05	-0.0007637	-0.0005835	-0.0001751	-0.0015082	-0.0011523
2761	474369.83, 3848582.25	1.40787	12.4557	9.48692	-0.0001781	-0.0015758	-0.0012002	-8.325E-05	-0.0007366	-0.000561	-0.0001644	-0.0014546	-0.0011079
2762	474369.83, 3848607.25	1.3329	12.031	9.29899	-0.0001686	-0.0015221	-0.0011764	-7.882E-05	-0.0007114	-0.0005499	-0.0001557	-0.001405	-0.001086
2763	474369.83, 3848632.25	1.26503	11.5447	8.97364	-0.00016	-0.0014606	-0.0011353	-7.481E-05	-0.0006827	-0.0005306	-0.0001477	-0.0013482	-0.001048
2764	474369.83, 3848657.25	1.20398	10.992	8.81468	-0.0001523	-0.0013906	-0.0011152	-7.12E-05	-0.00065	-0.0005212	-0.0001406	-0.0012837	-0.0010294
2765	474369.83, 3848682.25	1.14914	10.3818	8.55256	-0.0001454	-0.0013134	-0.001082	-6.795E-05	-0.0006139	-0.0005057	-0.0001342	-0.0012124	-0.0009988
2766	474369.83, 3848707.25	1.10464	9.78266	8.27484	-0.0001398	-0.0012376	-0.0010469	-6.532E-05	-0.0005785	-0.0004893	-0.000129	-0.0011424	-0.0009664
2767	474369.83, 3848732.25	1.06733	9.60066	8.24645	-0.000135	-0.0012146	-0.0010433	-6.312E-05	-0.0005677	-0.0004876	-0.0001246	-0.0011212	-0.000963

2768	474394.83, 3848332.25	5.50209	32.2122	28.6039	-0.0006961	-0.0040753	-0.0036188	-0.0003254	-0.0019048	-0.0016915	-0.0006425	-0.0037618	-0.0033404
2769	474394.83, 3848357.25	4.31408	27.4528	24.0005	-0.0005458	-0.0034732	-0.0030364	-0.0002551	-0.0016234	-0.0014192	-0.0005038	-0.003206	-0.0028028
2770	474394.83, 3848382.25	3.45695	23.2832	20.0063	-0.0004374	-0.0029456	-0.0025311	-0.0002044	-0.0013768	-0.0011831	-0.0004037	-0.0027191	-0.0023364
2771	474394.83, 3848407.25	3.08958	21.85	18.5768	-0.0003909	-0.0027643	-0.0023502	-0.0001827	-0.0012921	-0.0010985	-0.0003608	-0.0025517	-0.0021694
2772	474394.83, 3848432.25	2.74046	20.0435	16.8841	-0.0003467	-0.0025358	-0.0021361	-0.0001621	-0.0011853	-0.0009984	-0.00032	-0.0023407	-0.0019718
2773	474394.83, 3848457.25	2.35029	17.5272	14.4416	-0.0002973	-0.0022174	-0.0018271	-0.000139	-0.0010365	-0.000854	-0.0002745	-0.0020469	-0.0016865
2774	474394.83, 3848482.25	2.08986	15.824	13.0089	-0.0002644	-0.0020019	-0.0016458	-0.0001236	-0.0009357	-0.0007693	-0.0002441	-0.001848	-0.0015192
2775	474394.83, 3848507.25	1.89323	14.8219	12.013	-0.0002395	-0.0018752	-0.0015198	-0.000112	-0.0008765	-0.0007104	-0.0002211	-0.0017309	-0.0014029
2776	474394.83, 3848532.25	1.7296	14.069	11.1688	-0.0002188	-0.0017799	-0.001413	-0.0001023	-0.000832	-0.0006605	-0.000202	-0.001643	-0.0013043
2777	474394.83, 3848557.25	1.59457	13.441	10.5131	-0.0002017	-0.0017005	-0.0013301	-9.429E-05	-0.0007948	-0.0006217	-0.0001862	-0.0015697	-0.0012277
2778	474394.83, 3848582.25	1.48588	12.9154	9.8262	-0.000188	-0.001634	-0.0012431	-8.787E-05	-0.0007637	-0.0005811	-0.0001735	-0.0015083	-0.0011475
2779	474394.83, 3848607.25	1.4014	12.4776	9.57939	-0.0001773	-0.0015786	-0.0012119	-8.287E-05	-0.0007378	-0.0005665	-0.0001637	-0.0014572	-0.0011187
2780	474394.83, 3848632.25	1.32667	11.9984	9.34601	-0.0001678	-0.001518	-0.0011824	-7.845E-05	-0.0007095	-0.0005527	-0.0001549	-0.0014012	-0.0010915
2781	474394.83, 3848657.25	1.25783	11.4335	9.01253	-0.0001591	-0.0014465	-0.0011402	-7.438E-05	-0.0006761	-0.0005329	-0.0001469	-0.0013352	-0.0010525
2782	474394.83, 3848682.25	1.198	10.822	8.90625	-0.0001516	-0.0013691	-0.0011268	-7.084E-05	-0.0006399	-0.0005267	-0.0001399	-0.0012638	-0.0010401
2783	474394.83, 3848707.25	1.14491	10.1666	8.45669	-0.0001448	-0.0012862	-0.0010699	-6.77E-05	-0.0006012	-0.0005001	-0.0001337	-0.0011873	-0.0009876
2784	474394.83, 3848732.25	1.09789	9.71896	8.36568	-0.0001389	-0.0012296	-0.0010584	-6.492E-05	-0.0005747	-0.0004947	-0.0001282	-0.001135	-0.000977
2785	474394.83, 3848757.25	1.06381	9.7471	8.34782	-0.0001346	-0.0012331	-0.0010561	-6.291E-05	-0.0005764	-0.0004936	-0.0001242	-0.0011383	-0.0009749
2786	474419.83, 3848357.25	5.43206	32.4056	28.8157	-0.0006872	-0.0040998	-0.0036456	-0.0003212	-0.0019163	-0.001704	-0.0006344	-0.0037844	-0.0033652
2787	474419.83, 3848382.25	4.22895	27.2397	23.7231	-0.000535	-0.0034462	-0.0030013	-0.0002501	-0.0016108	-0.0014028	-0.0004939	-0.0031811	-0.0027705
2788	474419.83, 3848407.25	3.42822	23.3112	19.9007	-0.0004337	-0.0029492	-0.0025177	-0.0002027	-0.0013785	-0.0011768	-0.0004004	-0.0027223	-0.0023241
2789	474419.83, 3848432.25	2.91144	20.6314	17.4046	-0.0003683	-0.0026102	-0.0022019	-0.0001722	-0.00122	-0.0010292	-0.00034	-0.0024094	-0.0020326
2790	474419.83, 3848457.25	2.55491	18.6721	15.6	-0.0003232	-0.0023623	-0.0019736	-0.0001511	-0.0011042	-0.0009225	-0.0002984	-0.0021806	-0.0018218
2791	474419.83, 3848482.25	2.27518	16.9887	14.0019	-0.0002878	-0.0021493	-0.0017714	-0.0001345	-0.0010046	-0.000828	-0.0002657	-0.001984	-0.0016352
2792	474419.83, 3848507.25	2.04964	15.5944	12.8169	-0.0002593	-0.0019729	-0.0016215	-0.0001212	-0.0009222	-0.0007579	-0.0002394	-0.0018212	-0.0014968
2793	474419.83, 3848532.25	1.85854	14.727	11.8436	-0.0002351	-0.0018632	-0.0014984	-0.0001099	-0.0008709	-0.0007004	-0.000217	-0.0017199	-0.0013831
2794	474419.83, 3848557.25	1.70067	14.0054	11.0267	-0.0002152	-0.0017719	-0.001395	-0.0001006	-0.0008282	-0.0006521	-0.0001986	-0.0016356	-0.0012877
2795	474419.83, 3848582.25	1.57445	13.4162	10.3345	-0.0001992	-0.0016973	-0.0013075	-9.31E-05	-0.0007934	-0.0006111	-0.0001839	-0.0015668	-0.0012069
2796	474419.83, 3848607.25	1.47669	12.9395	9.89878	-0.0001868	-0.001637	-0.0012523	-8.732E-05	-0.0007652	-0.0005854	-0.0001725	-0.0015111	-0.001156
2797	474419.83, 3848632.25	1.39183	12.4444	9.67983	-0.0001761	-0.0015744	-0.0012246	-8.23E-05	-0.0007359	-0.0005724	-0.0001625	-0.0014533	-0.0011304
2798	474419.83, 3848657.25	1.31948	11.9183	9.31125	-0.0001669	-0.0015078	-0.001178	-7.803E-05	-0.0007048	-0.0005506	-0.0001541	-0.0013918	-0.0010874
2799	474419.83, 3848682.25	1.2545	11.3148	9.22664	-0.0001587	-0.0014315	-0.0011673	-7.418E-05	-0.0006691	-0.0005456	-0.0001465	-0.0013214	-0.0010775
2800	474419.83, 3848707.25	1.19438	10.6283	8.76607	-0.0001511	-0.0013446	-0.001109	-7.063E-05	-0.0006285	-0.0005184	-0.0001395	-0.0012412	-0.0010237
2801	474419.83, 3848732.25	1.14143	9.93949	8.58184	-0.0001444	-0.0012575	-0.0010857	-6.75E-05	-0.0005878	-0.0005075	-0.0001333	-0.0011608	-0.0010022
2802	474419.83, 3848757.25	1.11178	10.0326	8.62771	-0.0001407	-0.0012693	-0.0010915	-6.574E-05	-0.0005933	-0.0005102	-0.0001298	-0.0011716	-0.0010076
2803	474419.83, 3848782.25	1.04745	9.77932	8.31413	-0.0001325	-0.0012372	-0.0010519	-6.194E-05	-0.0005783	-0.0004916	-0.0001223	-0.0011421	-0.0009709
2804	474444.83, 3848382.25	4.96998	29.7998	26.4573	-0.0006288	-0.0037701	-0.0033472	-0.0002939	-0.0017622	-0.0015645	-0.0005804	-0.0034801	-0.0030898
2805	474444.83, 3848407.25	4.04341	26.2377	22.7681	-0.0005115	-0.0033194	-0.0028805	-0.0002391	-0.0015515	-0.0013464	-0.0004722	-0.0030641	-0.0026589
2806	474444.83, 3848432.25	3.44727	23.6327	20.2952	-0.0004361	-0.0029899	-0.0025676	-0.0002039	-0.0013975	-0.0012001	-0.0004026	-0.0027599	-0.0023701
2807	474444.83, 3848457.25	2.96109	21.1067	17.9293	-0.0003746	-0.0026703	-0.0022683	-0.0001751	-0.0012481	-0.0010602	-0.0003458	-0.0024649	-0.0020938
2808	474444.83, 3848482.25	2.53062	18.5496	15.4274	-0.0003202	-0.0023468	-0.0019518	-0.0001496	-0.0010969	-0.0009123	-0.0002955	-0.0021663	-0.0018016
2809	474444.83, 3848507.25	2.2469	16.7887	13.8656	-0.0002843	-0.002124	-0.0017542	-0.0001329	-0.0009928	-0.0008199	-0.0002624	-0.0019606	-0.0016193
2810	474444.83, 3848532.25	2.01408	15.5123	12.6449	-0.0002548	-0.0019625	-0.0015998	-0.0001191	-0.0009173	-0.0007477	-0.0002352	-0.0018116	-0.0014767
2811	474444.83, 3848557.25	1.82759	14.6672	11.7331	-0.0002312	-0.0018556	-0.0014844	-0.0001081	-0.0008673	-0.0006938	-0.0002134	-0.0017129	-0.0013702
2812	474444.83, 3848582.25	1.67915	13.991	10.9387	-0.0002124	-0.00177	-0.0013839	-9.929E-05	-0.0008273	-0.0006469	-0.0001961	-0.0016339	-0.0012775
2813	474444.83, 3848607.25	1.56125	13.4309	10.3055	-0.0001975	-0.0016992	-0.0013038	-9.232E-05	-0.0007942	-0.0006094	-0.0001823	-0.0015685	-0.0012035
2814	474444.83, 3848632.25	1.46606	12.9268	9.98898	-0.0001855	-0.0016354	-0.0012637	-8.669E-05	-0.0007644	-0.0005907	-0.0001712	-0.0015096	-0.0011665
2815	474444.83, 3848657.25	1.38359	12.3862	9.69274	-0.000175	-0.001567	-0.0012263	-8.182E-05	-0.0007324	-0.0005732	-0.0001616	-0.0014465	-0.0011319
2816	474444.83, 3848682.25	1.31334	11.8008	9.44467	-0.0001662	-0.001493	-0.0011949	-7.766E-05	-0.0006978	-0.0005585	-0.0001534	-0.0013781	-0.001103
2817	474444.83, 3848707.25	1.24908	11.1238	9.16011	-0.000158	-0.0014073	-0.0011589	-7.386E-05	-0.0006578	-0.0005417	-0.0001459	-0.0012991	-0.0010697
2818	474444.83, 3848732.25	1.1872	10.3539	8.80463	-0.0001502	-0.0013099	-0.0011139	-7.02E-05	-0.0006123	-0.0005207	-0.0001386	-0.0012092	-0.0010282
2819	474444.83, 3848757.25	1.13508	10.0729	8.68368	-0.0001436	-0.0012744	-0.0010986	-6.712E-05	-0.0005956	-0.0005135	-0.0001326	-0.0011763	-0.0010141
2820	474444.83, 3848782.25	1.10012	10.1248	8.65499	-0.0001392	-0.0012809	-0.001095	-6.505E-05	-0.0005987	-0.0005118	-0.0001285	-0.0011824	-0.0010108
2821	474444.83, 3848807.25	1.04303	9.92632	8.24372	-0.000132	-0.0012558	-0.0010429	-6.168E-05	-0.000587	-0.0004875	-0.0001218	-0.0011592	-0.0009627
2822	474469.83, 3848407.25	5.13445	31.4836	27.8013	-0.0006496	-0.0039831	-0.0035173	-0.0003036	-0.0018618	-0.001644	-0.0005996	-0.0036767	-0.0032467
2823	474469.83, 3848432.25	4.04769	26.5454	22.8306	-0.0005121	-0.0033584	-0.0028884	-0.0002394	-0.0015697	-0.0013501	-0.0004727	-0.0031	-0.0026662
2824	474469.83, 3848457.25	3.2877	22.6456	19.3962	-0.0004159	-0.002865	-0.0024539	-0.0001944	-0.0013391	-0.001147	-0.0003839	-0.0026446	-0.0022651
2825	474469.83, 3848482.25	2.91226	20.8808	17.7125	-0.0003684	-0.0026417	-0.0022409	-0.0001722	-0.0012348	-0.0010474	-0.0003401	-0.0024385	-0.0020685
2826	474469.83, 3848507.25	2.57467	18.9613	15.811	-0.0003257	-0.0023989	-0.0020003	-0.0001523	-0.0011213	-0.000935	-0.0003007	-0.0022143	-0.0018464
2827	474469.83, 3848532.25	2.24926	16.8088	13.9197	-0.0002846	-0.0021265	-0.001761	-0.000133	-0.000994	-0.0008231	-0.0002627	-0.001963	-0.0016256
2828	474469.83, 3848557.25	1.99441	15.5444	12.5146	-0.0002523	-0.0019666	-0.0015833	-0.0001179	-0.0009192	-0.00074	-0.0002329	-0.0018153	-0.0014615
2829	474469.83, 3848582.25	1.80527	14.6629	11.6645	-0.0002284	-0.0018551	-0.0014757	-0.0001068	-0.0008671	-0.0006898	-0.0002108	-0.0017124	-0.0013622
2830	474469.83, 3848607.25	1.66294	14.0052	10.8902	-0.0002104	-0.0017718	-0.0013778	-9.834E-05	-0.0008282	-0.000644	-0.0001942	-0.0016356	-0.0012718
2831	474469.83, 3848632.25	1.55001	13.4423	10.3498	-0.0001961	-0.0017006	-0.0013094	-9.166E-05	-0.0007949	-0.000612	-0.000181	-0.0015698	-0.0012087
2832	474469.83, 3848657.25	1.45704	12.8953	10.113	-0.0001843	-0.0016314	-0.0012794	-8.616E-05	-0.0007626	-0.000598	-0.0001702	-0.001506	-0.001181
2833	474469.83, 3848682.25	1.37856	12.3122	9.69385	-0.0001744	-0.0015577	-0.0012264	-8.152E-05	-0.0007281	-0.0005732	-0.000161	-0.0014378	-0.0011321
2834	474469.83, 3848707.25	1.30809	11.638	9.57856	-0.0001655	-0.0014724	-0.0012118	-7.735E-05	-0.0006882	-0.0005664	-0.0001528	-0.0013591	-0.0011186
2835	474469.83, 3848732.25	1.24157	10.8612	9.08514	-0.0001571	-0.0013741	-0.0011494	-7.342E-05	-0.0006423	-0.0005372	-0.000145	-0.0012684	-0.001061
2836	474469.83, 3848757.25	1.18109	10.3067	8.91913	-0.0001494	-0.0013039	-0.0011284	-6.984E-05	-0.0006095	-0.0005274	-0.0001379	-0.0012036	-0.0010416
2837	474469.83, 3848782.25	1.136	10.2886	8.8343	-0.0001437	-0.0013016	-0.0011177	-6.718E-05	-0.0006084	-0.0005224	-0.0001327	-0.0012015	-0.0010317
2838	474469.83, 3848807.25	1.08534	10.1867	8.61712	-0.0001373	-0.0012888	-0.0010902	-6.418E-05	-0.0006024	-0.0005096	-0.0001267	-0.0011896	-0.0010063
2839	474494.83, 3848432.25	4.86221	30.0357	26.4036	-0.0006151	-0.0037999	-0.0033404	-0.0002875	-0.0017761	-0.0015613	-0.0005678	-0.0035076	-0.0030835
2840	474494.83, 3848457.25	4.05147	26.9794	23.1191	-0.0005126	-0.0034133	-0.0029249	-0.0002396	-0.0015954	-0.0013671	-0.0004731	-0.0031507	-0.0026999
2841	474494.83, 3848482.25	3.24063	22.5124	19.2333	-0.00041	-0.0028481	-0.0024333	-0.0001916	-0.0013312	-0.0011373	-0.0003784	-0.0026291	-0.0022461
2842	474494.83, 3848507.25	2.75873	19.838	16.6774	-0.000349	-0.0025098	-0.0021099	-0.0001631	-0.0011731	-0.0009862	-0.0003222	-0.0023167	-0.0019476
2843	474494.83, 3848532.25	2.43048	17.9031	14.8993	-0.0003075	-0.002265	-0.001885	-0.0001437	-0.0010587	-0.0008811	-0.0002838	-0.0020908	-0.00174
2844	474494.83, 3848557.25	2.17416	16.4143	13.4892	-0.0002751	-0.0020766	-0.0017066	-0.0001286	-0.0009706	-0.0007977	-0.0002539	-0.0019169	-0.0015753

2845	474494.83, 3848582.25	1.96119	15.4739	12.346	-0.0002481	-0.0019577	-0.0015619	-0.000116	-0.000915	-0.0007301	-0.000229	-0.0018071	-0.0014418
2846	474494.83, 3848607.25	1.78398	14.6633	11.5831	-0.0002257	-0.0018551	-0.0014654	-0.0001055	-0.0008671	-0.000685	-0.0002083	-0.0017124	-0.0013527
2847	474494.83, 3848632.25	1.64829	14.0198	10.8571	-0.0002085	-0.0017737	-0.0013736	-9.747E-05	-0.000829	-0.000642	-0.0001925	-0.0016373	-0.0012679
2848	474494.83, 3848657.25	1.53938	13.4324	10.4579	-0.0001948	-0.0016994	-0.0013231	-9.103E-05	-0.0007943	-0.0006184	-0.0001798	-0.0015687	-0.0012213
2849	474494.83, 3848682.25	1.44889	12.8292	10.0971	-0.0001833	-0.0016231	-0.0012774	-8.568E-05	-0.0007586	-0.0005971	-0.0001692	-0.0014982	-0.0011792
2850	474494.83, 3848707.25	1.37043	12.1545	9.9166	-0.0001734	-0.0015377	-0.0012546	-8.104E-05	-0.0007187	-0.0005864	-0.00016	-0.0014194	-0.0011581
2851	474494.83, 3848732.25	1.29899	11.3824	9.39402	-0.0001643	-0.00144	-0.0011885	-7.681E-05	-0.0006731	-0.0005555	-0.0001517	-0.0013293	-0.0010971
2852	474494.83, 3848757.25	1.23396	10.5818	9.19789	-0.0001561	-0.0013387	-0.0011637	-7.297E-05	-0.0006257	-0.0005439	-0.0001441	-0.0012358	-0.0010742
2853	474494.83, 3848782.25	1.1772	10.4865	9.04509	-0.0001489	-0.0013267	-0.0011443	-6.961E-05	-0.0006201	-0.0005349	-0.0001375	-0.0012246	-0.0010563
2854	474494.83, 3848807.25	1.13015	10.4494	8.89871	-0.000143	-0.001322	-0.0011258	-6.683E-05	-0.0006179	-0.0005262	-0.000132	-0.0012203	-0.0010392
2855	474494.83, 3848832.25	1.09211	10.4514	8.58174	-0.0001382	-0.0013223	-0.0010857	-6.458E-05	-0.000618	-0.0005075	-0.0001275	-0.0012205	-0.0010022
2856	474519.83, 3848432.25	5.90378	33.1734	29.5153	-0.0007469	-0.0041969	-0.0037341	-0.0003491	-0.0019617	-0.0017454	-0.0006895	-0.0038741	-0.0034469
2857	474519.83, 3848457.25	4.56472	28.4135	24.8599	-0.0005775	-0.0035947	-0.0031451	-0.0002699	-0.0016802	-0.0014701	-0.0005331	-0.0033182	-0.0029032
2858	474519.83, 3848482.25	3.92124	26.3144	22.5543	-0.0004961	-0.0033291	-0.0028534	-0.0002319	-0.0015561	-0.0013337	-0.0004579	-0.0030731	-0.002634
2859	474519.83, 3848507.25	3.30762	23.2124	19.8378	-0.0004185	-0.0029367	-0.0025098	-0.0001956	-0.0013726	-0.0011731	-0.0003863	-0.0027108	-0.0023167
2860	474519.83, 3848532.25	2.74441	19.8039	16.6569	-0.0003472	-0.0025055	-0.0021073	-0.0001623	-0.0011711	-0.000985	-0.0003205	-0.0023128	-0.0019452
2861	474519.83, 3848557.25	2.39546	17.6694	14.5888	-0.0003031	-0.0022354	-0.0018457	-0.0001417	-0.0010449	-0.0008627	-0.0002797	-0.0020635	-0.0017037
2862	474519.83, 3848582.25	2.14539	16.3981	13.314	-0.0002714	-0.0020746	-0.0016844	-0.0001269	-0.0009697	-0.0007873	-0.0002505	-0.001915	-0.0015548
2863	474519.83, 3848607.25	1.93131	15.4404	12.2714	-0.0002443	-0.0019534	-0.0015525	-0.0001142	-0.0009131	-0.0007257	-0.0002255	-0.0018032	-0.0014331
2864	474519.83, 3848632.25	1.76701	14.6926	11.4075	-0.0002236	-0.0018588	-0.0014432	-0.0001045	-0.0008688	-0.0006746	-0.0002064	-0.0017158	-0.0013322
2865	474519.83, 3848657.25	1.63442	14.0195	10.8662	-0.0002068	-0.0017737	-0.0013747	-9.665E-05	-0.000829	-0.0006426	-0.0001909	-0.0016372	-0.001269
2866	474519.83, 3848682.25	1.52907	13.3865	10.5648	-0.0001934	-0.0016936	-0.0013366	-9.042E-05	-0.0007916	-0.0006247	-0.0001786	-0.0015633	-0.0012338
2867	474519.83, 3848707.25	1.44103	12.712	10.1901	-0.0001823	-0.0016082	-0.0012892	-8.521E-05	-0.0007517	-0.0006026	-0.0001683	-0.0014845	-0.00119
2868	474519.83, 3848732.25	1.36189	11.9336	9.83886	-0.0001723	-0.0015098	-0.0012448	-8.053E-05	-0.0007057	-0.0005818	-0.000159	-0.0013936	-0.001149
2869	474519.83, 3848757.25	1.28993	11.0745	9.48832	-0.0001632	-0.0014011	-0.0012004	-7.628E-05	-0.0006549	-0.0005611	-0.0001506	-0.0012933	-0.0011081
2870	474519.83, 3848782.25	1.2287	10.7578	9.32805	-0.0001554	-0.001361	-0.0011801	-7.266E-05	-0.0006362	-0.0005516	-0.0001435	-0.0012563	-0.0010894
2871	474519.83, 3848807.25	1.17558	10.6972	9.16691	-0.0001487	-0.0013533	-0.0011597	-6.952E-05	-0.0006326	-0.0005421	-0.0001373	-0.0012492	-0.0010705
2872	474519.83, 3848832.25	1.1299	10.6598	8.82182	-0.0001429	-0.0013486	-0.0011161	-6.682E-05	-0.0006304	-0.0005217	-0.000132	-0.0012449	-0.0010302
2873	474519.83, 3848857.25	1.08796	10.5894	8.66842	-0.0001376	-0.0013397	-0.0010967	-6.434E-05	-0.0006262	-0.0005126	-0.0001271	-0.0012367	-0.0010123
2874	474544.83, 3848457.25	5.8239	33.388	29.6314	-0.0007368	-0.004224	-0.0037488	-0.0003444	-0.0019744	-0.0017522	-0.0006801	-0.0038991	-0.0034604
2875	474544.83, 3848482.25	4.55849	28.7811	25.0425	-0.0005767	-0.0036412	-0.0031682	-0.0002696	-0.0017019	-0.0014809	-0.0005324	-0.0033611	-0.0029245
2876	474544.83, 3848507.25	3.61192	24.1906	20.7154	-0.000457	-0.0030604	-0.0026208	-0.0002136	-0.0014305	-0.001225	-0.0004218	-0.002825	-0.0024192
2877	474544.83, 3848532.25	3.07532	21.5551	18.2609	-0.0003891	-0.002727	-0.0023103	-0.0001819	-0.0012746	-0.0010798	-0.0003591	-0.0025173	-0.0021326
2878	474544.83, 3848557.25	2.66538	19.2898	16.2092	-0.0003372	-0.0024404	-0.0020507	-0.0001576	-0.0011407	-0.0009585	-0.0003113	-0.0022527	-0.001893
2879	474544.83, 3848582.25	2.34798	17.3468	14.3559	-0.0002971	-0.0021946	-0.0018162	-0.0001388	-0.0010258	-0.0008489	-0.0002742	-0.0020258	-0.0016765
2880	474544.83, 3848607.25	2.10824	16.3425	13.0632	-0.0002667	-0.0020675	-0.0016527	-0.0001247	-0.0009664	-0.0007725	-0.0002462	-0.0019085	-0.0015256
2881	474544.83, 3848632.25	1.90201	15.41	12.2114	-0.0002406	-0.0019496	-0.0015449	-0.0001125	-0.0009113	-0.0007221	-0.0002221	-0.0017996	-0.0014261
2882	474544.83, 3848657.25	1.74572	14.6699	11.3935	-0.0002209	-0.0018559	-0.0014414	-0.0001032	-0.0008675	-0.0006737	-0.0002039	-0.0017132	-0.0013306
2883	474544.83, 3848682.25	1.622	13.9959	10.9789	-0.0002052	-0.0017707	-0.001389	-9.592E-05	-0.0008276	-0.0006492	-0.0001894	-0.0016345	-0.0012821
2884	474544.83, 3848707.25	1.52004	13.3007	10.54	-0.0001923	-0.0016827	-0.0013335	-8.989E-05	-0.0007865	-0.0006233	-0.0001775	-0.0015533	-0.0012309
2885	474544.83, 3848732.25	1.43261	12.5284	10.3284	-0.0001812	-0.001585	-0.0013067	-8.472E-05	-0.0007409	-0.0006108	-0.0001673	-0.0014631	-0.0012062
2886	474544.83, 3848757.25	1.35594	11.6766	9.84394	-0.0001715	-0.0014773	-0.0012454	-8.018E-05	-0.0006905	-0.0005821	-0.0001584	-0.0013636	-0.0011496
2887	474544.83, 3848782.25	1.28317	11.0371	9.61862	-0.0001623	-0.0013963	-0.0012169	-7.588E-05	-0.0006527	-0.0005688	-0.0001499	-0.0012889	-0.0011233
2888	474544.83, 3848807.25	1.22187	10.9361	9.42449	-0.0001546	-0.0013836	-0.0011923	-7.225E-05	-0.0006467	-0.0005573	-0.0001427	-0.0012772	-0.0011006
2889	474544.83, 3848832.25	1.17148	10.8893	9.11095	-0.0001482	-0.0013776	-0.0011527	-6.927E-05	-0.0006439	-0.0005388	-0.0001368	-0.0012717	-0.001064
2890	474544.83, 3848857.25	1.12667	10.8292	8.92769	-0.0001425	-0.00137	-0.0011295	-6.662E-05	-0.0006404	-0.0005279	-0.0001316	-0.0012647	-0.0010426
2891	474544.83, 3848882.25	1.07544	10.611	8.46953	-0.0001361	-0.0013424	-0.0010715	-6.36E-05	-0.0006275	-0.0005008	-0.0001256	-0.0012392	-0.0009891
2892	474569.83, 3848482.25	5.51632	32.1068	28.3202	-0.0006979	-0.0040619	-0.0035829	-0.0003262	-0.0018986	-0.0016747	-0.0006442	-0.0037495	-0.0033073
2893	474569.83, 3848507.25	4.23654	26.8608	23.3727	-0.000536	-0.0033983	-0.002957	-0.0002505	-0.0015884	-0.0013821	-0.0004948	-0.0031369	-0.0027295
2894	474569.83, 3848532.25	3.506	23.645	20.2605	-0.0004436	-0.0029914	-0.0025632	-0.0002073	-0.0013982	-0.0011981	-0.0004094	-0.0027613	-0.0023661
2895	474569.83, 3848557.25	3.00502	21.1828	17.8738	-0.0003802	-0.0026799	-0.0022613	-0.0001777	-0.0012526	-0.0010569	-0.0003509	-0.0024738	-0.0020873
2896	474569.83, 3848582.25	2.62083	19.0156	15.8444	-0.0003316	-0.0024057	-0.0020045	-0.000155	-0.0011245	-0.0009369	-0.0003061	-0.0022207	-0.0018504
2897	474569.83, 3848607.25	2.31424	17.3313	14.1965	-0.0002928	-0.0021926	-0.001796	-0.0001369	-0.0010249	-0.0008395	-0.0002703	-0.002024	-0.0016579
2898	474569.83, 3848632.25	2.0905	16.4212	12.9292	-0.0002645	-0.0020775	-0.0016357	-0.0001236	-0.0009711	-0.0007646	-0.0002441	-0.0019177	-0.0015099
2899	474569.83, 3848657.25	1.88202	15.4301	12.0604	-0.0002381	-0.0019521	-0.0015258	-0.0001113	-0.0009124	-0.0007132	-0.0002198	-0.001802	-0.0014084
2900	474569.83, 3848682.25	1.72862	14.6503	11.4422	-0.0002187	-0.0018535	-0.0014476	-0.0001022	-0.0008663	-0.0006766	-0.0002019	-0.0017109	-0.0013362
2901	474569.83, 3848707.25	1.60952	13.9272	11.0596	-0.0002036	-0.001762	-0.0013992	-9.518E-05	-0.0008236	-0.000654	-0.000188	-0.0016265	-0.0012916
2902	474569.83, 3848732.25	1.51044	13.1503	10.767	-0.0001911	-0.0016637	-0.0013622	-8.932E-05	-0.0007776	-0.0006367	-0.0001764	-0.0015357	-0.0012574
2903	474569.83, 3848757.25	1.42402	12.2782	10.1991	-0.0001802	-0.0015534	-0.0012903	-8.421E-05	-0.0007261	-0.0006031	-0.0001663	-0.0014339	-0.0011911
2904	474569.83, 3848782.25	1.34784	11.3809	9.97439	-0.0001705	-0.0014398	-0.0012619	-7.97E-05	-0.000673	-0.0005898	-0.0001574	-0.0013291	-0.0011648
2905	474569.83, 3848807.25	1.27759	11.2406	9.74484	-0.0001616	-0.0014221	-0.0012329	-7.555E-05	-0.0006647	-0.0005763	-0.0001492	-0.0013127	-0.001138
2906	474569.83, 3848832.25	1.21508	11.1238	9.48041	-0.0001537	-0.0014073	-0.0011994	-7.185E-05	-0.0006578	-0.0005606	-0.0001419	-0.0012991	-0.0011071
2907	474569.83, 3848857.25	1.16188	11.0209	9.1412	-0.000147	-0.0013943	-0.0011565	-6.871E-05	-0.0006517	-0.0005406	-0.0001357	-0.001287	-0.0010675
2908	474569.83, 3848882.25	1.11781	10.9147	8.79268	-0.0001414	-0.0013809	-0.0011124	-6.61E-05	-0.0006454	-0.0005199	-0.0001305	-0.0012746	-0.0010268
2909	474569.83, 3848907.25	1.06292	10.5894	8.38416	-0.0001345	-0.0013397	-0.0010607	-6.285E-05	-0.0006262	-0.0004958	-0.0001241	-0.0012367	-0.0009791
2910	474594.83, 3848507.25	5.32937	31.3947	27.8449	-0.0006742	-0.0039719	-0.0035228	-0.0003151	-0.0018565	-0.0016466	-0.0006224	-0.0036664	-0.0032518
2911	474594.83, 3848532.25	4.17447	26.7404	23.0538	-0.0005281	-0.003383	-0.0029166	-0.0002469	-0.0015813	-0.0013633	-0.0004875	-0.0031228	-0.0026923
2912	474594.83, 3848557.25	3.41993	23.2578	19.9015	-0.0004327	-0.0029424	-0.0025178	-0.0002022	-0.0013753	-0.0011769	-0.0003994	-0.0027161	-0.0023242
2913	474594.83, 3848582.25	2.91243	20.633	17.3852	-0.0003685	-0.0026104	-0.0021995	-0.0001722	-0.0012201	-0.0010281	-0.0003401	-0.0024096	-0.0020303
2914	474594.83, 3848607.25	2.55634	18.587	15.3885	-0.0003234	-0.0023515	-0.0019469	-0.0001512	-0.0010991	-0.00091	-0.0002985	-0.0021706	-0.0017971
2915	474594.83, 3848632.25	2.27822	17.2936	13.9645	-0.0002882	-0.0021879	-0.0017667	-0.0001347	-0.0010226	-0.0008258	-0.0002661	-0.0020196	-0.0016308
2916	474594.83, 3848657.25	2.04361	16.2783	12.8003	-0.0002585	-0.0020594	-0.0016194	-0.0001208	-0.0009626	-0.0007569	-0.0002387	-0.001901	-0.0014948
2917	474594.83, 3848682.25	1.85981	15.4185	12.0039	-0.0002353	-0.0019507	-0.0015187	-0.00011	-0.0009118	-0.0007098	-0.0002172	-0.0018006	-0.0014018
2918	474594.83, 3848707.25	1.71515	14.6255	11.4887	-0.000217	-0.0018503	-0.0014535	-0.0001014	-0.0008649	-0.0006794	-0.0002003	-0.001708	-0.0013417
2919	474594.83, 3848732.25	1.59855	13.8156	11.1309	-0.0002022	-0.0017479	-0.0014082	-9.453E-05	-0.000817	-0.0006582	-0.0001867	-0.0016134	-0.0012999
2920	474594.83, 3848757.25	1.49779	12.9026	10.6573	-0.0001895	-0.0016324	-0.0013483	-8.857E-05	-0.000763	-0.0006302	-0.0001749	-0.0015068	-0.0012446
2921	474594.83, 3848782.25	1.41492	11.955	10.3304	-0.000179	-0.0015125	-0.0013069	-8.367E-05	-0.0007069	-0.0006109	-0.0001652	-0.0013961	-0.0012064

2922	474594.83, 3848807.25	1.34198	11.5976	10.1183	-0.0001698	-0.0014673	-0.0012801	-7.936E-05	-0.0006858	-0.0005983	-0.0001567	-0.0013544	-0.0011816
2923	474594.83, 3848832.25	1.27256	11.4643	9.84368	-0.000161	-0.0014504	-0.0012454	-7.525E-05	-0.0006779	-0.0005821	-0.0001486	-0.0013388	-0.0011496
2924	474594.83, 3848857.25	1.2078	11.3013	9.43678	-0.0001528	-0.0014298	-0.0011939	-7.142E-05	-0.0006683	-0.000558	-0.0001411	-0.0013198	-0.0011021
2925	474594.83, 3848882.25	1.15538	11.1547	9.06481	-0.0001462	-0.0014112	-0.0011468	-6.832E-05	-0.0006596	-0.000536	-0.0001349	-0.0013027	-0.0010586
2926	474594.83, 3848907.25	1.11726	11.0412	8.71649	-0.0001413	-0.0013969	-0.0011028	-6.607E-05	-0.0006529	-0.0005154	-0.0001305	-0.0012894	-0.0010179
2927	474619.83, 3848532.25	4.96896	29.5573	26.2356	-0.0006286	-0.0037394	-0.0033192	-0.0002938	-0.0017478	-0.0015514	-0.0005803	-0.0034518	-0.0030639
2928	474619.83, 3848557.25	3.94954	25.5374	21.8255	-0.0004997	-0.0032308	-0.0027612	-0.0002336	-0.0015101	-0.0012906	-0.0004612	-0.0029823	-0.0025488
2929	474619.83, 3848582.25	3.31973	22.7143	19.2541	-0.00042	-0.0028737	-0.0024359	-0.0001963	-0.0013432	-0.0011386	-0.0003877	-0.0026526	-0.0022485
2930	474619.83, 3848607.25	2.87222	20.4125	17.238	-0.0003634	-0.0025825	-0.0021808	-0.0001698	-0.0012071	-0.0010194	-0.0003354	-0.0023838	-0.0020131
2931	474619.83, 3848632.25	2.50935	18.3347	15.1517	-0.0003175	-0.0023196	-0.0019169	-0.0001484	-0.0010842	-0.000896	-0.000293	-0.0021412	-0.0017695
2932	474619.83, 3848657.25	2.25407	17.3717	13.7509	-0.0002852	-0.0021978	-0.0017397	-0.0001333	-0.0010273	-0.0008131	-0.0002632	-0.0020287	-0.0016059
2933	474619.83, 3848682.25	2.03674	16.4429	12.8478	-0.0002577	-0.0020803	-0.0016254	-0.0001204	-0.0009723	-0.0007597	-0.0002379	-0.0019202	-0.0015004
2934	474619.83, 3848707.25	1.85281	15.505	12.1713	-0.0002344	-0.0019616	-0.0015398	-0.0001096	-0.0009169	-0.0007197	-0.0002164	-0.0018107	-0.0014214
2935	474619.83, 3848732.25	1.70548	14.5802	11.6215	-0.0002158	-0.0018446	-0.0014703	-0.0001009	-0.0008622	-0.0006872	-0.0001992	-0.0017027	-0.0013572
2936	474619.83, 3848757.25	1.60274	13.7655	11.3504	-0.0002028	-0.0017415	-0.001436	-9.478E-05	-0.000814	-0.0006712	-0.0001872	-0.0016076	-0.0013255
2937	474619.83, 3848782.25	1.51255	12.8225	10.9023	-0.0001914	-0.0016222	-0.0013793	-8.944E-05	-0.0007582	-0.0006447	-0.0001766	-0.0014974	-0.0012732
2938	474619.83, 3848807.25	1.43183	12.1305	10.6797	-0.0001811	-0.0015347	-0.0013511	-8.467E-05	-0.0007173	-0.0006315	-0.0001672	-0.0014166	-0.0012472
2939	474619.83, 3848832.25	1.35902	12.0276	10.4374	-0.0001719	-0.0015217	-0.0013205	-8.036E-05	-0.0007112	-0.0006172	-0.0001587	-0.0014046	-0.0012189
2940	474619.83, 3848857.25	1.28963	11.8882	10.0199	-0.0001632	-0.001504	-0.0012677	-7.626E-05	-0.000703	-0.0005925	-0.0001506	-0.0013883	-0.0011701
2941	474619.83, 3848882.25	1.2187	11.6274	9.5564	-0.0001542	-0.001471	-0.001209	-7.207E-05	-0.0006876	-0.0005651	-0.0001423	-0.0013579	-0.001116
2942	474619.83, 3848907.25	1.16714	11.4287	9.03166	-0.0001477	-0.0014459	-0.0011426	-6.902E-05	-0.0006758	-0.0005341	-0.0001363	-0.0013347	-0.0010547
2943	474619.83, 3848932.25	1.11704	11.1186	8.74613	-0.0001413	-0.0014067	-0.0011065	-6.606E-05	-0.0006575	-0.0005172	-0.0001305	-0.0012985	-0.0010214
2944	474644.83, 3848557.25	4.82686	29.0644	25.7891	-0.0006107	-0.003677	-0.0032627	-0.0002854	-0.0017187	-0.001525	-0.0005637	-0.0033942	-0.0030117
2945	474644.83, 3848582.25	3.93008	25.6008	21.7468	-0.0004972	-0.0032388	-0.0027513	-0.0002324	-0.0015139	-0.001286	-0.000459	-0.0029897	-0.0025397
2946	474644.83, 3848607.25	3.37261	23.1717	19.4387	-0.0004267	-0.0029315	-0.0024593	-0.0001994	-0.0013702	-0.0011495	-0.0003939	-0.0027061	-0.0022701
2947	474644.83, 3848632.25	2.85601	20.3463	17.0678	-0.0003613	-0.0025741	-0.0021593	-0.0001689	-0.0012032	-0.0010093	-0.0003335	-0.0023761	-0.0019932
2948	474644.83, 3848657.25	2.5069	18.6309	15.1476	-0.0003172	-0.0023571	-0.0019164	-0.0001482	-0.0011017	-0.0008957	-0.0002928	-0.0021758	-0.001769
2949	474644.83, 3848682.25	2.2638	17.7465	13.8338	-0.0002864	-0.0022452	-0.0017502	-0.0001339	-0.0010494	-0.0008181	-0.0002644	-0.0020725	-0.0016156
2950	474644.83, 3848707.25	2.06037	16.8749	13.0696	-0.0002607	-0.0021349	-0.0016535	-0.0001218	-0.0009979	-0.0007729	-0.0002406	-0.0019707	-0.0015263
2951	474644.83, 3848732.25	1.87972	15.8539	12.492	-0.0002378	-0.0020057	-0.0015804	-0.0001112	-0.0009375	-0.0007387	-0.0002195	-0.0018515	-0.0014589
2952	474644.83, 3848757.25	1.76175	15.0766	12.1928	-0.0002229	-0.0019074	-0.0015426	-0.0001042	-0.0008915	-0.000721	-0.0002057	-0.0017607	-0.0014239
2953	474644.83, 3848782.25	1.65049	14.0416	11.7664	-0.0002088	-0.0017765	-0.0014886	-9.76E-05	-0.0008303	-0.0006958	-0.0001927	-0.0016398	-0.0013741
2954	474644.83, 3848807.25	1.54132	12.7899	11.3752	-0.000195	-0.0016181	-0.0014391	-9.114E-05	-0.0007563	-0.0006727	-0.00018	-0.0014936	-0.0013284
2955	474644.83, 3848832.25	1.44192	12.5283	10.9711	-0.0001824	-0.001585	-0.001388	-8.527E-05	-0.0007408	-0.0006488	-0.0001684	-0.0014631	-0.0012812
2956	474644.83, 3848857.25	1.35917	12.3322	10.4747	-0.000172	-0.0015602	-0.0013252	-8.037E-05	-0.0007293	-0.0006194	-0.0001587	-0.0014402	-0.0012233
2957	474644.83, 3848882.25	1.29783	12.227	10.1742	-0.0001642	-0.0015469	-0.0012872	-7.675E-05	-0.000723	-0.0006016	-0.0001516	-0.0014279	-0.0011882
2958	474644.83, 3848907.25	1.22952	11.9233	9.54638	-0.0001556	-0.0015085	-0.0012077	-7.271E-05	-0.0007051	-0.0005645	-0.0001436	-0.0013924	-0.0011149
2959	474644.83, 3848932.25	1.23183	12.2226	9.60421	-0.0001558	-0.0015463	-0.0012151	-7.284E-05	-0.0007228	-0.0005679	-0.0001439	-0.0014274	-0.0011216
2960	474644.83, 3848957.25	1.21813	12.2629	9.39223	-0.0001541	-0.0015514	-0.0011882	-7.203E-05	-0.0007252	-0.0005554	-0.0001423	-0.0014321	-0.0010968
2961	474669.83, 3848582.25	4.73724	28.8932	25.4821	-0.0005993	-0.0036554	-0.0032238	-0.0002801	-0.0017086	-0.0015069	-0.0005532	-0.0033742	-0.0029759
2962	474669.83, 3848607.25	3.87963	25.5146	21.5957	-0.0004908	-0.0032279	-0.0027322	-0.0002294	-0.0015088	-0.001277	-0.0004531	-0.0029797	-0.002522
2963	474669.83, 3848632.25	3.2397	22.435	18.7795	-0.0004099	-0.0028383	-0.0023759	-0.0001916	-0.0013267	-0.0011105	-0.0003783	-0.00262	-0.0021931
2964	474669.83, 3848657.25	2.79739	20.0091	16.6637	-0.0003539	-0.0025314	-0.0021082	-0.0001654	-0.0011832	-0.0009854	-0.0003267	-0.0023367	-0.001946
2965	474669.83, 3848682.25	2.51314	18.9858	15.1652	-0.0003179	-0.002402	-0.0019186	-0.0001486	-0.0011227	-0.0008968	-0.0002935	-0.0022172	-0.001771
2966	474669.83, 3848707.25	2.28301	18.1725	14.0685	-0.0002888	-0.0022991	-0.0017799	-0.000135	-0.0010746	-0.0008319	-0.0002666	-0.0021222	-0.001643
2967	474669.83, 3848732.25	2.06565	17.0788	13.2776	-0.0002613	-0.0021607	-0.0016798	-0.0001222	-0.0010099	-0.0007852	-0.0002412	-0.0019945	-0.0015506
2968	474669.83, 3848757.25	1.91032	16.1667	12.9873	-0.0002417	-0.0020453	-0.0016431	-0.000113	-0.000956	-0.000768	-0.0002231	-0.001888	-0.0015167
2969	474669.83, 3848782.25	1.77683	15.0788	12.4413	-0.0002248	-0.0019077	-0.001574	-0.0001051	-0.0008917	-0.0007357	-0.0002075	-0.0017609	-0.0014529
2970	474669.83, 3848807.25	1.64365	13.6797	11.9394	-0.0002079	-0.0017307	-0.0015105	-9.72E-05	-0.0008089	-0.000706	-0.0001919	-0.0015976	-0.0013943
2971	474669.83, 3848832.25	1.53422	13.0711	11.5075	-0.0001941	-0.0016537	-0.0014559	-9.072E-05	-0.0007729	-0.0006805	-0.0001792	-0.0015265	-0.0013439
2972	474669.83, 3848857.25	1.44741	12.9121	11.1546	-0.0001831	-0.0016336	-0.0014112	-8.559E-05	-0.0007635	-0.0006596	-0.000169	-0.0015079	-0.0013027
2973	474669.83, 3848882.25	1.36856	12.7158	10.6951	-0.0001731	-0.0016087	-0.0013531	-8.093E-05	-0.0007519	-0.0006324	-0.0001598	-0.001485	-0.001249
2974	474669.83, 3848907.25	1.30978	12.5751	10.1997	-0.0001657	-0.0015909	-0.0012904	-7.745E-05	-0.0007436	-0.0006032	-0.000153	-0.0014686	-0.0011912
2975	474669.83, 3848932.25	1.39767	14.0374	11.0205	-0.0001768	-0.0017759	-0.0013942	-8.265E-05	-0.0008301	-0.0006517	-0.0001632	-0.0016393	-0.001287
2976	474669.83, 3848957.25	1.32579	13.5492	10.5372	-0.0001677	-0.0017142	-0.0013331	-7.84E-05	-0.0008012	-0.0006231	-0.0001548	-0.0015823	-0.0012306
2977	474669.83, 3848982.25	1.24015	12.8108	9.84587	-0.0001569	-0.0016207	-0.0012456	-7.334E-05	-0.0007576	-0.0005822	-0.0001448	-0.0014961	-0.0011498
2978	474694.83, 3848582.25	6.01385	33.1947	29.0918	-0.0007608	-0.0041996	-0.0036805	-0.0003556	-0.0019629	-0.0017203	-0.0007023	-0.0038766	-0.0033974
2979	474694.83, 3848607.25	4.60778	28.4336	24.8733	-0.0005829	-0.0035972	-0.0031468	-0.0002725	-0.0016814	-0.0014709	-0.0005381	-0.0033206	-0.0029048
2980	474694.83, 3848632.25	3.74198	24.8593	20.9806	-0.0004734	-0.003145	-0.0026543	-0.0002213	-0.00147	-0.0012407	-0.000437	-0.0029031	-0.0024502
2981	474694.83, 3848657.25	3.2019	22.3114	18.7012	-0.0004051	-0.0028227	-0.002366	-0.0001893	-0.0013194	-0.0011059	-0.0003739	-0.0026056	-0.002184
2982	474694.83, 3848682.25	2.795	20.1477	16.6455	-0.0003536	-0.002549	-0.0021059	-0.0001653	-0.0011914	-0.0009843	-0.0003264	-0.0023529	-0.0019439
2983	474694.83, 3848707.25	2.49261	19.0819	15.0215	-0.0003153	-0.0024141	-0.0019004	-0.0001474	-0.0011284	-0.0008883	-0.0002911	-0.0022284	-0.0017543
2984	474694.83, 3848732.25	2.26803	18.2566	14.2132	-0.0002869	-0.0023097	-0.0017982	-0.0001341	-0.0010796	-0.0008405	-0.0002649	-0.0021321	-0.0016599
2985	474694.83, 3848757.25	2.07434	17.2668	13.726	-0.0002624	-0.0021845	-0.0017365	-0.0001227	-0.0010211	-0.0008117	-0.0002422	-0.0020165	-0.001603
2986	474694.83, 3848782.25	1.90861	16.086	13.1504	-0.0002415	-0.0020351	-0.0016637	-0.0001129	-0.0009512	-0.0007776	-0.0002229	-0.0018786	-0.0015357
2987	474694.83, 3848807.25	1.76041	14.6743	12.4734	-0.0002227	-0.0018565	-0.0015781	-0.0001041	-0.0008678	-0.0007376	-0.0002056	-0.0017137	-0.0014567
2988	474694.83, 3848832.25	1.63411	13.6339	12.0038	-0.0002067	-0.0017249	-0.0015186	-9.663E-05	-0.0008062	-0.0007098	-0.0001908	-0.0015922	-0.0014018
2989	474694.83, 3848857.25	1.53251	13.425	11.6153	-0.0001939	-0.0016984	-0.0014695	-9.062E-05	-0.0007939	-0.0006869	-0.000179	-0.0015678	-0.0013565
2990	474694.83, 3848882.25	1.45962	13.3666	11.3685	-0.0001847	-0.0016911	-0.0014383	-8.631E-05	-0.0007904	-0.0006723	-0.0001705	-0.001561	-0.0013276
2991	474694.83, 3848907.25	1.46782	14.0447	11.5147	-0.0001857	-0.0017769	-0.0014568	-8.68E-05	-0.0008305	-0.0006809	-0.0001714	-0.0016402	-0.0013447
2992	474694.83, 3848932.25	1.43301	14.7769	11.5544	-0.0001813	-0.0018695	-0.0014618	-8.474E-05	-0.0008738	-0.0006833	-0.0001674	-0.0017257	-0.0013494
2993	474694.83, 3848957.25	1.09372	11.0707	8.39521	-0.0001384	-0.0014006	-0.0010621	-6.468E-05	-0.0006547	-0.0004964	-0.0001277	-0.0012929	-0.0009804
2994	474694.83, 3848982.25	0.93971	9.09065	7.0781	-0.0001189	-0.0011501	-0.0008955	-5.557E-05	-0.0005376	-0.0004186	-0.0001097	-0.0010616	-0.0008266
2995	474694.83, 3849007.25	0.89867	8.60496	6.75426	-0.0001137	-0.0010886	-0.0008545	-5.314E-05	-0.0005088	-0.0003994	-0.0001049	-0.0010049	-0.0007888
2996	474719.83, 3848607.25	5.79017	32.5552	28.4498	-0.0007325	-0.0041187	-0.0035993	-0.0003424	-0.0019251	-0.0016824	-0.0006762	-0.0038019	-0.0033224
2997	474719.83, 3848632.25	4.49014	28.0464	24.2832	-0.0005681	-0.0035483	-0.0030722	-0.0002655	-0.0016585	-0.001436	-0.0005244	-0.0032753	-0.0028359
2998	474719.83, 3848657.25	3.69732	24.7405	20.5998	-0.0004678	-0.00313	-0.0026062	-0.0002186	-0.001463	-0.0012181	-0.0004318	-0.0028893	-0.0024057

2999	474719.83, 3848682.25	3.16212	22.0944	18.6179	-0.0004001	-0.0027952	-0.0023554	-0.000187	-0.0013065	-0.001101	-0.0003693	-0.0025802	-0.0021742
3000	474719.83, 3848707.25	2.77515	20.3533	16.5163	-0.0003511	-0.002575	-0.0020895	-0.0001641	-0.0012036	-0.0009767	-0.0003241	-0.0023769	-0.0019288
3001	474719.83, 3848732.25	2.48519	19.355	15.194	-0.0003144	-0.0024487	-0.0019222	-0.000147	-0.0011445	-0.0008985	-0.0002902	-0.0022603	-0.0017744
3002	474719.83, 3848757.25	2.268	18.494	14.5626	-0.0002869	-0.0023397	-0.0018424	-0.0001341	-0.0010936	-0.0008611	-0.0002649	-0.0021598	-0.0017007
3003	474719.83, 3848782.25	2.07027	17.2752	14.0856	-0.0002619	-0.0021855	-0.001782	-0.0001224	-0.0010216	-0.0008329	-0.0002418	-0.0020174	-0.0016449
3004	474719.83, 3848807.25	1.9	15.8275	13.1162	-0.0002404	-0.0020024	-0.0016594	-0.0001124	-0.0009359	-0.0007756	-0.0002219	-0.0018484	-0.0015317
3005	474719.83, 3848832.25	1.76176	14.3764	12.6747	-0.0002229	-0.0018188	-0.0016035	-0.0001042	-0.0008501	-0.0007495	-0.0002057	-0.0016789	-0.0014802
3006	474719.83, 3848857.25	1.66436	14.3141	12.4545	-0.0002106	-0.0018109	-0.0015757	-9.842E-05	-0.0008465	-0.0007365	-0.0001944	-0.0016716	-0.0014545
3007	474719.83, 3848882.25	1.62427	14.7281	12.5387	-0.0002055	-0.0018633	-0.0015863	-9.605E-05	-0.0008709	-0.0007415	-0.0001897	-0.00172	-0.0014643
3008	474719.83, 3848907.25	1.61808	15.5177	12.7606	-0.0002047	-0.0019632	-0.0016144	-9.568E-05	-0.0009176	-0.0007546	-0.000189	-0.0018122	-0.0014902
3009	474719.83, 3848932.25	1.39479	14.2157	11.2184	-0.0001765	-0.0017985	-0.0014193	-8.248E-05	-0.0008406	-0.0006634	-0.0001629	-0.0016601	-0.0013101
3010	474719.83, 3848957.25	0.95897	9.05166	7.19797	-0.0001213	-0.0011452	-0.0009106	-5.671E-05	-0.0005353	-0.0004256	-0.000112	-0.0010571	-0.0008406
3011	474719.83, 3848982.25	0.7248	6.04447	5.0515	-9.17E-05	-0.0007647	-0.0006391	-4.286E-05	-0.0003574	-0.0002987	-8.464E-05	-0.0007059	-0.0005899
3012	474719.83, 3849007.25	0.69876	5.81971	4.79895	-8.84E-05	-0.0007363	-0.0006071	-4.132E-05	-0.0003441	-0.0002838	-8.16E-05	-0.0006796	-0.0005604
3013	474744.83, 3848632.25	5.68806	32.6585	28.7153	-0.0007196	-0.0041317	-0.0036329	-0.0003364	-0.0019312	-0.0016981	-0.0006643	-0.0038139	-0.0033534
3014	474744.83, 3848657.25	4.42488	27.9787	23.9989	-0.0005598	-0.0035397	-0.0030362	-0.0002617	-0.0016545	-0.0014192	-0.0005167	-0.0032674	-0.0028027
3015	474744.83, 3848682.25	3.68418	24.8441	20.6578	-0.0004661	-0.0031431	-0.0026135	-0.0002179	-0.0014691	-0.0012216	-0.0004302	-0.0029014	-0.0024125
3016	474744.83, 3848707.25	3.1781	22.2999	18.736	-0.0004021	-0.0028212	-0.0023704	-0.0001879	-0.0013187	-0.0011079	-0.0003711	-0.0026042	-0.002188
3017	474744.83, 3848732.25	2.80735	21.1246	16.7059	-0.0003552	-0.0026726	-0.0021135	-0.000166	-0.0012492	-0.0009879	-0.0003278	-0.002467	-0.001951
3018	474744.83, 3848757.25	2.53256	20.1577	15.7372	-0.0003204	-0.0025502	-0.001991	-0.0001498	-0.001192	-0.0009306	-0.0002958	-0.0023541	-0.0018378
3019	474744.83, 3848782.25	2.28439	18.7944	15.0886	-0.000289	-0.0023777	-0.0019089	-0.0001351	-0.0011114	-0.0008922	-0.0002668	-0.0021949	-0.0017621
3020	474744.83, 3848807.25	2.08308	17.2921	14.274	-0.0002635	-0.0021877	-0.0018059	-0.0001232	-0.0010226	-0.0008441	-0.0002433	-0.0020194	-0.001667
3021	474744.83, 3848832.25	1.9186	15.6754	13.5891	-0.0002427	-0.0019832	-0.0017192	-0.0001135	-0.000927	-0.0008036	-0.0002241	-0.0018306	-0.001587
3022	474744.83, 3848857.25	1.79949	15.1819	13.3057	-0.0002277	-0.0019207	-0.0016834	-0.0001064	-0.0008978	-0.0007868	-0.0002101	-0.001773	-0.0015539
3023	474744.83, 3848882.25	1.74899	15.6694	13.3088	-0.0002213	-0.0019824	-0.0016837	-0.0001034	-0.0009266	-0.000787	-0.0002043	-0.0018299	-0.0015542
3024	474744.83, 3848907.25	1.72412	16.3599	13.6077	-0.0002181	-0.0020697	-0.0017216	-0.000102	-0.0009674	-0.0008047	-0.0002013	-0.0019105	-0.0015891
3025	474744.83, 3848932.25	1.61461	15.9601	12.5231	-0.0002043	-0.0020192	-0.0015843	-9.548E-05	-0.0009438	-0.0007405	-0.0001886	-0.0018639	-0.0014625
3026	474744.83, 3848957.25	1.2024	12.0647	9.55733	-0.0001521	-0.0015263	-0.0012091	-7.11E-05	-0.0007134	-0.0005652	-0.0001404	-0.0014089	-0.0011161
3027	474744.83, 3848982.25	0.79187	6.75177	5.55252	-0.0001002	-0.0008542	-0.0007025	-4.683E-05	-0.0003993	-0.0003283	-9.248E-05	-0.0007885	-0.0006484
3028	474744.83, 3849007.25	0.63715	4.96356	4.16808	-8.061E-05	-0.000628	-0.0005273	-3.768E-05	-0.0002935	-0.0002465	-7.441E-05	-0.0005797	-0.0004868
3029	474744.83, 3849032.25	0.78246	6.87071	5.37564	-9.899E-05	-0.0008692	-0.0006801	-4.627E-05	-0.0004063	-0.0003179	-9.138E-05	-0.0008024	-0.0006278
3030	474769.83, 3848657.25	5.58748	32.649	29.2177	-0.0007069	-0.0041305	-0.0036964	-0.0003304	-0.0019307	-0.0017278	-0.0006525	-0.0038128	-0.0034121
3031	474769.83, 3848682.25	4.49373	28.9145	24.4544	-0.0005685	-0.0036581	-0.0030938	-0.0002657	-0.0017098	-0.0014461	-0.0005248	-0.0033767	-0.0028558
3032	474769.83, 3848707.25	3.79516	25.9844	21.6358	-0.0004801	-0.0032874	-0.0027372	-0.0002244	-0.0015366	-0.0012794	-0.0004432	-0.0030345	-0.0025267
3033	474769.83, 3848732.25	3.23887	23.3479	19.1246	-0.0004098	-0.0029538	-0.0024195	-0.0001915	-0.0013807	-0.0011309	-0.0003782	-0.0027266	-0.0022334
3034	474769.83, 3848757.25	2.79108	21.3493	16.9475	-0.0003531	-0.002701	-0.0021441	-0.000165	-0.0012625	-0.0010022	-0.0003259	-0.0024932	-0.0019792
3035	474769.83, 3848782.25	2.49051	19.9515	15.8628	-0.0003151	-0.0025241	-0.0020069	-0.0001473	-0.0011798	-0.000938	-0.0002908	-0.00233	-0.0018525
3036	474769.83, 3848807.25	2.2638	18.5541	15.298	-0.0002864	-0.0023473	-0.0019354	-0.0001339	-0.0010972	-0.0009046	-0.0002644	-0.0021668	-0.0017865
3037	474769.83, 3848832.25	2.06369	16.8144	14.3447	-0.0002611	-0.0021272	-0.0018148	-0.000122	-0.0009943	-0.0008483	-0.000241	-0.0019636	-0.0016752
3038	474769.83, 3848857.25	1.90882	15.725	13.886	-0.0002415	-0.0019894	-0.0017568	-0.0001129	-0.0009299	-0.0008211	-0.0002229	-0.0018364	-0.0016216
3039	474769.83, 3848882.25	1.85129	16.2567	14.1219	-0.0002342	-0.0020567	-0.0017866	-0.0001095	-0.0009613	-0.0008351	-0.0002162	-0.0018985	-0.0016492
3040	474769.83, 3848907.25	1.8348	17.1759	14.4535	-0.0002321	-0.002173	-0.0018286	-0.0001085	-0.0010157	-0.0008547	-0.0002143	-0.0020058	-0.0016879
3041	474769.83, 3848932.25	1.70427	16.6235	13.0166	-0.0002156	-0.0021031	-0.0016468	-0.0001008	-0.000983	-0.0007697	-0.000199	-0.0019413	-0.0015201
3042	474769.83, 3848957.25	1.32334	13.3695	10.4121	-0.0001674	-0.0016914	-0.0013173	-7.825E-05	-0.0007906	-0.0006157	-0.0001545	-0.0015613	-0.001216
3043	474769.83, 3848982.25	0.88509	7.78967	6.25994	-0.000112	-0.0009855	-0.000792	-5.234E-05	-0.0004606	-0.0003702	-0.0001034	-0.0009097	-0.0007311
3044	474769.83, 3849007.25	0.65115	4.99656	4.24151	-8.238E-05	-0.0006321	-0.0005366	-3.851E-05	-0.0002955	-0.0002508	-7.604E-05	-0.0005835	-0.0004953
3045	474769.83, 3849032.25	0.85095	7.57529	5.8734	-0.0001077	-0.0009584	-0.0007431	-5.032E-05	-0.000448	-0.0003473	-9.938E-05	-0.0008847	-0.0006859
3046	474769.83, 3849057.25	1.12713	11.0234	8.47086	-0.0001426	-0.0013946	-0.0010717	-6.665E-05	-0.0006519	-0.0005009	-0.0001316	-0.0012873	-0.0009892
3047	474794.83, 3848682.25	5.68155	33.9492	30.0356	-0.0007188	-0.004295	-0.0037999	-0.000336	-0.0020076	-0.0017761	-0.0006635	-0.0039647	-0.0035076
3048	474794.83, 3848707.25	4.55298	29.8495	24.9695	-0.000576	-0.0037764	-0.003159	-0.0002692	-0.0017651	-0.0014765	-0.0005317	-0.0034859	-0.002916
3049	474794.83, 3848732.25	3.69645	25.4649	21.3649	-0.0004677	-0.0032217	-0.0027029	-0.0002186	-0.0015058	-0.0012634	-0.0004317	-0.0029739	-0.002495
3050	474794.83, 3848757.25	3.15754	23.0427	18.6655	-0.0003995	-0.0029152	-0.0023614	-0.0001867	-0.0013626	-0.0011038	-0.0003687	-0.002691	-0.0021798
3051	474794.83, 3848782.25	2.76781	21.4489	17.0558	-0.0003502	-0.0027136	-0.0021578	-0.0001637	-0.0012684	-0.0010086	-0.0003232	-0.0025049	-0.0019918
3052	474794.83, 3848807.25	2.49622	20.0972	16.4146	-0.0003158	-0.0025426	-0.0020767	-0.0001476	-0.0011884	-0.0009707	-0.0002915	-0.002347	-0.0019169
3053	474794.83, 3848832.25	2.26249	18.3475	15.4324	-0.0002862	-0.0023212	-0.0019524	-0.0001338	-0.001085	-0.0009126	-0.0002642	-0.0021427	-0.0018022
3054	474794.83, 3848857.25	2.06886	16.6411	14.8155	-0.0002617	-0.0021053	-0.0018744	-0.0001223	-0.0009841	-0.0008761	-0.0002416	-0.0019434	-0.0017302
3055	474794.83, 3848882.25	1.95204	16.7251	14.6616	-0.000247	-0.002116	-0.0018549	-0.0001154	-0.000989	-0.000867	-0.000228	-0.0019532	-0.0017122
3056	474794.83, 3848907.25	1.94231	17.8583	15.0396	-0.0002457	-0.0022593	-0.0019027	-0.0001149	-0.001056	-0.0008894	-0.0002268	-0.0020855	-0.0017564
3057	474794.83, 3848932.25	1.8106	17.424	13.8658	-0.0002291	-0.0022044	-0.0017542	-0.0001071	-0.0010304	-0.0008199	-0.0002114	-0.0020348	-0.0016193
3058	474794.83, 3848957.25	1.44516	14.5543	11.3389	-0.0001828	-0.0018413	-0.0014345	-8.546E-05	-0.0008607	-0.0006705	-0.0001688	-0.0016997	-0.0013242
3059	474794.83, 3848982.25	1.07475	10.0864	7.94011	-0.000136	-0.0012761	-0.0010045	-6.355E-05	-0.0005964	-0.0004695	-0.0001255	-0.0011779	-0.0009273
3060	474794.83, 3849007.25	0.87876	7.6237	6.14183	-0.0001112	-0.0009645	-0.000777	-5.196E-05	-0.0004508	-0.0003632	-0.0001026	-0.0008903	-0.0007173
3061	474794.83, 3849032.25	0.9896	9.17903	7.05568	-0.0001252	-0.0011613	-0.0008926	-5.852E-05	-0.0005428	-0.0004172	-0.0001156	-0.001072	-0.000824
3062	474794.83, 3849057.25	1.17518	11.4478	8.76074	-0.0001487	-0.0014483	-0.0011084	-6.949E-05	-0.000677	-0.0005181	-0.0001372	-0.0013369	-0.0010231
3063	474794.83, 3849082.25	1.25556	12.1633	9.58663	-0.0001588	-0.0015388	-0.0012128	-7.425E-05	-0.0007193	-0.0005669	-0.0001466	-0.0014205	-0.0011196
3064	474819.83, 3848707.25	5.59378	34.2181	29.8771	-0.0007077	-0.0043291	-0.0037799	-0.0003308	-0.0020235	-0.0017668	-0.0006533	-0.0039961	-0.0034891
3065	474819.83, 3848732.25	4.32624	28.5545	23.9105	-0.0005473	-0.0036125	-0.003025	-0.0002558	-0.0016885	-0.0014139	-0.0005052	-0.0033347	-0.0027923
3066	474819.83, 3848757.25	3.64175	25.2295	21.404	-0.0004607	-0.0031919	-0.0027079	-0.0002154	-0.0014919	-0.0012657	-0.0004253	-0.0029464	-0.0024996
3067	474819.83, 3848782.25	3.15458	23.525	19.0732	-0.0003991	-0.0029762	-0.002413	-0.0001865	-0.0013911	-0.0011279	-0.0003684	-0.0027473	-0.0022274
3068	474819.83, 3848807.25	2.79964	22.027	17.7485	-0.0003542	-0.0027867	-0.0022454	-0.0001656	-0.0013025	-0.0010495	-0.0003269	-0.0025724	-0.0020727
3069	474819.83, 3848832.25	2.5004	20.0917	16.7064	-0.0003163	-0.0025419	-0.0021136	-0.0001479	-0.0011881	-0.0009879	-0.000292	-0.0023464	-0.001951
3070	474819.83, 3848857.25	2.25559	17.9263	15.8738	-0.0002854	-0.0022679	-0.0020082	-0.0001334	-0.0010601	-0.0009387	-0.0002634	-0.0020935	-0.0018538
3071	474819.83, 3848882.25	2.08681	17.452	15.4362	-0.000264	-0.0022079	-0.0019529	-0.0001234	-0.001032	-0.0009128	-0.0002437	-0.0020381	-0.0018027
3072	474819.83, 3848907.25	2.02603	18.1723	15.2243	-0.0002563	-0.002299	-0.0019261	-0.0001198	-0.0010746	-0.0009003	-0.0002366	-0.0021222	-0.0017779
3073	474819.83, 3848932.25	1.94167	18.3979	14.8833	-0.0002456	-0.0023276	-0.0018829	-0.0001148	-0.0010879	-0.0008801	-0.0002268	-0.0021486	-0.0017381
3074	474819.83, 3848957.25	1.66138	16.4892	12.7501	-0.0002102	-0.0020861	-0.0016131	-9.824E-05	-0.0009751	-0.000754	-0.000194	-0.0019257	-0.001489
3075	474819.83, 3848982.25	1.29819	12.7598	9.82591	-0.0001642	-0.0016143	-0.0012431	-7.677E-05	-0.0007545	-0.000581	-0.0001516	-0.0014901	-0.0011475

3076	474819.83, 3849007.25	1.15078	10.9879	8.56411	-0.0001456	-0.0013901	-0.0010835	-6.805E-05	-0.0006498	-0.0005064	-0.0001344	-0.0012832	-0.0010001
3077	474819.83, 3849032.25	1.33221	13.1997	9.87406	-0.0001685	-0.0016699	-0.0012492	-7.878E-05	-0.0007806	-0.0005839	-0.0001556	-0.0015415	-0.0011531
3078	474819.83, 3849057.25	1.3452	13.1133	10.0062	-0.0001702	-0.001659	-0.0012659	-7.955E-05	-0.0007754	-0.0005917	-0.0001571	-0.0015314	-0.0011685
3079	474819.83, 3849082.25	1.3029	12.5722	9.92168	-0.0001648	-0.0015905	-0.0012552	-7.705E-05	-0.0007434	-0.0005867	-0.0001522	-0.0014682	-0.0011587
3080	474819.83, 3849107.25	1.13125	11.4355	8.55863	-0.0001431	-0.0014467	-0.0010828	-6.69E-05	-0.0006762	-0.0005061	-0.0001321	-0.0013355	-0.0009995
3081	474844.83, 3848732.25	5.27982	32.7172	27.8847	-0.000668	-0.0041392	-0.0035278	-0.0003122	-0.0019347	-0.0016489	-0.0006166	-0.0038208	-0.0032565
3082	474844.83, 3848757.25	4.28678	28.6559	23.9725	-0.0005423	-0.0036254	-0.0030329	-0.0002535	-0.0016945	-0.0014176	-0.0005006	-0.0033465	-0.0027996
3083	474844.83, 3848782.25	3.61125	25.5719	21.4072	-0.0004569	-0.0032352	-0.0027083	-0.0002135	-0.0015122	-0.0012659	-0.0004217	-0.0029864	-0.0025
3084	474844.83, 3848807.25	3.13575	23.834	19.3349	-0.0003967	-0.0030153	-0.0024461	-0.0001854	-0.0014094	-0.0011434	-0.0003662	-0.0027834	-0.002258
3085	474844.83, 3848832.25	2.76162	21.8064	18.0868	-0.0003494	-0.0027588	-0.0022882	-0.0001633	-0.0012895	-0.0010695	-0.0003225	-0.0025466	-0.0021122
3086	474844.83, 3848857.25	2.4665	19.5355	17.0037	-0.000312	-0.0024715	-0.0021512	-0.0001459	-0.0011552	-0.0010055	-0.000288	-0.0022814	-0.0019857
3087	474844.83, 3848882.25	2.25126	18.3287	16.3737	-0.0002848	-0.0023188	-0.0020715	-0.0001331	-0.0010839	-0.0009682	-0.0002629	-0.0021405	-0.0019122
3088	474844.83, 3848907.25	2.09334	18.1894	15.4783	-0.0002648	-0.0023012	-0.0019582	-0.0001238	-0.0010756	-0.0009153	-0.0002445	-0.0021242	-0.0018076
3089	474844.83, 3848932.25	2.03415	18.8473	15.5568	-0.0002573	-0.0023844	-0.0019682	-0.0001203	-0.0011145	-0.0009199	-0.0002376	-0.002201	-0.0018168
3090	474844.83, 3848957.25	1.89765	18.3189	14.2577	-0.0002401	-0.0023176	-0.0018038	-0.0001122	-0.0010833	-0.0008431	-0.0002216	-0.0021393	-0.001665
3091	474844.83, 3848982.25	1.57187	15.6801	12.1135	-0.0001989	-0.0019837	-0.0015325	-9.295E-05	-0.0009272	-0.0007163	-0.0001836	-0.0018312	-0.0014146
3092	474844.83, 3849007.25	1.41329	14.093	10.4943	-0.0001788	-0.001783	-0.0013277	-8.357E-05	-0.0008334	-0.0006206	-0.000165	-0.0016458	-0.0012255
3093	474844.83, 3849032.25	1.53084	15.0106	11.2849	-0.0001937	-0.0018991	-0.0014277	-9.052E-05	-0.0008876	-0.0006673	-0.0001788	-0.001753	-0.0013179
3094	474844.83, 3849057.25	1.4533	14.0414	10.8968	-0.0001839	-0.0017764	-0.0013786	-8.594E-05	-0.0008303	-0.0006444	-0.0001697	-0.0016398	-0.0012726
3095	474844.83, 3849082.25	1.32868	12.7002	10.002	-0.0001681	-0.0016067	-0.0012654	-7.857E-05	-0.000751	-0.0005915	-0.0001552	-0.0014832	-0.0011681
3096	474844.83, 3849107.25	1.20434	12.1212	9.08405	-0.0001524	-0.0015335	-0.0011493	-7.122E-05	-0.0007168	-0.0005372	-0.0001406	-0.0014155	-0.0010609
3097	474869.83, 3848757.25	5.2052	32.8693	27.5996	-0.0006585	-0.0041584	-0.0034917	-0.0003078	-0.0019437	-0.0016321	-0.0006079	-0.0038386	-0.0032232
3098	474869.83, 3848782.25	4.20526	28.3677	23.899	-0.000532	-0.0035889	-0.0030236	-0.0002487	-0.0016775	-0.0014132	-0.0004911	-0.0033129	-0.002791
3099	474869.83, 3848807.25	3.54055	25.6346	21.2762	-0.0004479	-0.0032431	-0.0026917	-0.0002094	-0.0015159	-0.0012581	-0.0004135	-0.0029937	-0.0024847
3100	474869.83, 3848832.25	3.08617	23.7297	19.5613	-0.0003904	-0.0030021	-0.0024748	-0.0001825	-0.0014032	-0.0011567	-0.0003604	-0.0027712	-0.0022844
3101	474869.83, 3848857.25	2.74581	21.5763	18.4592	-0.0003474	-0.0027297	-0.0023353	-0.0001624	-0.0012759	-0.0010916	-0.0003207	-0.0025197	-0.0021557
3102	474869.83, 3848882.25	2.46013	19.4523	17.5664	-0.0003112	-0.002461	-0.0022224	-0.0001455	-0.0011503	-0.0010388	-0.0002873	-0.0022717	-0.0020514
3103	474869.83, 3848907.25	2.25102	19.0702	16.734	-0.0002848	-0.0024126	-0.0021171	-0.0001331	-0.0011277	-0.0009896	-0.0002629	-0.0022271	-0.0019542
3104	474869.83, 3848932.25	2.12802	19.2372	15.8913	-0.0002692	-0.0024338	-0.0020105	-0.0001258	-0.0011376	-0.0009397	-0.0002485	-0.0022466	-0.0018558
3105	474869.83, 3848957.25	2.03348	19.3076	15.0959	-0.0002573	-0.0024427	-0.0019098	-0.0001202	-0.0011417	-0.0008927	-0.0002375	-0.0022548	-0.0017629
3106	474869.83, 3848982.25	1.88256	18.3638	14.2409	-0.0002382	-0.0023233	-0.0018017	-0.0001113	-0.0010859	-0.0008421	-0.0002199	-0.0021446	-0.0016631
3107	474869.83, 3849007.25	1.72567	16.9465	13.0285	-0.0002183	-0.002144	-0.0016483	-0.000102	-0.0010021	-0.0007704	-0.0002015	-0.0019791	-0.0015215
3108	474869.83, 3849032.25	1.63229	15.9659	12.0333	-0.0002065	-0.0020199	-0.0015224	-9.652E-05	-0.0009441	-0.0007116	-0.0001906	-0.0018645	-0.0014053
3109	474869.83, 3849057.25	1.52244	14.6634	11.3746	-0.0001926	-0.0018551	-0.001439	-9.003E-05	-0.0008671	-0.0006726	-0.0001778	-0.0017124	-0.0013284
3110	474869.83, 3849082.25	1.41801	13.4276	10.6249	-0.0001794	-0.0016988	-0.0013442	-8.385E-05	-0.000794	-0.0006283	-0.0001656	-0.0015681	-0.0012408
3111	474869.83, 3849107.25	1.30695	13.0986	9.83939	-0.0001653	-0.0016572	-0.0012448	-7.729E-05	-0.0007746	-0.0005818	-0.0001526	-0.0015297	-0.0011491
3112	474869.83, 3849132.25	1.16036	12.0286	8.73768	-0.0001468	-0.0015218	-0.0011054	-6.862E-05	-0.0007113	-0.0005167	-0.0001355	-0.0014047	-0.0010204
3113	474894.83, 3848757.25	6.85235	39.6288	35.1642	-0.0008669	-0.0050136	-0.0044488	-0.0004052	-0.0023434	-0.0020794	-0.0008002	-0.004628	-0.0041066
3114	474894.83, 3848782.25	5.08474	32.6184	27.4788	-0.0006433	-0.0041267	-0.0034764	-0.0003007	-0.0019289	-0.0016249	-0.0005938	-0.0038093	-0.003209
3115	474894.83, 3848807.25	4.10827	27.8983	23.7844	-0.0005198	-0.0035295	-0.0030091	-0.0002429	-0.0016497	-0.0014065	-0.0004798	-0.003258	-0.0027776
3116	474894.83, 3848832.25	3.49833	25.8568	21.4661	-0.0004426	-0.0032712	-0.0027158	-0.0002069	-0.001529	-0.0012694	-0.0004085	-0.0030196	-0.0025069
3117	474894.83, 3848857.25	3.06838	23.6935	19.9414	-0.0003882	-0.0029976	-0.0025229	-0.0001814	-0.0014011	-0.0011792	-0.0003583	-0.002767	-0.0023288
3118	474894.83, 3848882.25	2.7236	21.0381	19.0336	-0.0003446	-0.0026616	-0.002408	-0.0001611	-0.0012441	-0.0011255	-0.0003181	-0.0024569	-0.0022228
3119	474894.83, 3848907.25	2.46111	20.2951	18.0496	-0.0003114	-0.0025676	-0.0022835	-0.0001455	-0.0012001	-0.0010673	-0.0002874	-0.0023701	-0.0021079
3120	474894.83, 3848932.25	2.2762	20.0851	16.5746	-0.000288	-0.002541	-0.0020969	-0.0001346	-0.0011877	-0.0009801	-0.0002658	-0.0023456	-0.0019356
3121	474894.83, 3848957.25	2.12608	19.7746	15.7504	-0.000269	-0.0025018	-0.0019926	-0.0001257	-0.0011694	-0.0009314	-0.0002483	-0.0023093	-0.0018394
3122	474894.83, 3848982.25	1.9943	19.1858	15.0201	-0.0002523	-0.0024273	-0.0019002	-0.0001179	-0.0011345	-0.0008882	-0.0002329	-0.0022406	-0.0017541
3123	474894.83, 3849007.25	1.8597	18.1431	13.9594	-0.0002353	-0.0022953	-0.0017661	-0.00011	-0.0010729	-0.0008255	-0.0002172	-0.0021188	-0.0016302
3124	474894.83, 3849032.25	1.71413	16.6605	12.7122	-0.0002169	-0.0021078	-0.0016083	-0.0001014	-0.0009852	-0.0007517	-0.0002002	-0.0019457	-0.0014846
3125	474894.83, 3849057.25	1.59382	15.3047	11.8506	-0.0002016	-0.0019363	-0.0014993	-9.425E-05	-0.000905	-0.0007008	-0.0001861	-0.0017873	-0.0013839
3126	474894.83, 3849082.25	1.49481	14.1037	11.1011	-0.0001891	-0.0017843	-0.0014044	-8.839E-05	-0.000834	-0.0006565	-0.0001746	-0.0016471	-0.0012964
3127	474894.83, 3849107.25	1.39655	13.8713	10.4464	-0.0001767	-0.0017549	-0.0013216	-8.258E-05	-0.0008203	-0.0006177	-0.0001631	-0.0016199	-0.00122
3128	474894.83, 3849132.25	1.26633	13.119	9.56562	-0.0001602	-0.0016597	-0.0012102	-7.488E-05	-0.0007758	-0.0005657	-0.0001479	-0.0015321	-0.0011171
3129	474894.83, 3849157.25	1.08196	11.3445	8.02911	-0.0001369	-0.0014352	-0.0010158	-6.398E-05	-0.0006708	-0.0004748	-0.0001264	-0.0013248	-0.0009377
3130	474919.83, 3848782.25	6.44552	38.0323	32.7915	-0.0008154	-0.0048116	-0.0041486	-0.0003811	-0.002249	-0.0019391	-0.0007527	-0.0044415	-0.0038295
3131	474919.83, 3848807.25	4.95333	32.197	27.3042	-0.0006267	-0.0040734	-0.0034544	-0.0002929	-0.0019039	-0.0016146	-0.0005785	-0.0037601	-0.0031887
3132	474919.83, 3848832.25	4.06699	28.4514	24.0567	-0.0005145	-0.0035995	-0.0030435	-0.0002405	-0.0016824	-0.0014226	-0.000475	-0.0033226	-0.0028094
3133	474919.83, 3848857.25	3.46921	26.0139	21.7877	-0.0004389	-0.0032911	-0.0027564	-0.0002051	-0.0015383	-0.0012884	-0.0004051	-0.003038	-0.0025444
3134	474919.83, 3848882.25	3.03155	23.2242	20.3715	-0.0003835	-0.0029382	-0.0025773	-0.0001793	-0.0013733	-0.0012046	-0.000354	-0.0027122	-0.002379
3135	474919.83, 3848907.25	2.7006	21.529	19.3681	-0.0003417	-0.0027237	-0.0024503	-0.0001597	-0.0012731	-0.0011453	-0.0003154	-0.0025142	-0.0022619
3136	474919.83, 3848932.25	2.45427	21.0539	17.6592	-0.0003105	-0.0026636	-0.0022341	-0.0001451	-0.001245	-0.0010443	-0.0002866	-0.0024587	-0.0020623
3137	474919.83, 3848957.25	2.25837	20.5431	16.6391	-0.0002857	-0.002599	-0.0021051	-0.0001335	-0.0012148	-0.0009839	-0.0002637	-0.0023991	-0.0019432
3138	474919.83, 3848982.25	2.09546	19.842	15.4029	-0.0002651	-0.0025103	-0.0019487	-0.0001239	-0.0011733	-0.0009108	-0.0002447	-0.0023172	-0.0017988
3139	474919.83, 3849007.25	1.94945	18.8186	14.4943	-0.0002466	-0.0023808	-0.0018337	-0.0001153	-0.0011128	-0.0008571	-0.0002277	-0.0021977	-0.0016927
3140	474919.83, 3849032.25	1.7865	17.2456	13.0864	-0.000226	-0.0021818	-0.0016556	-0.0001056	-0.0010198	-0.0007739	-0.0002086	-0.002014	-0.0015283
3141	474919.83, 3849057.25	1.65628	15.8155	12.2174	-0.0002095	-0.0020009	-0.0015457	-9.794E-05	-0.0009352	-0.0007225	-0.0001934	-0.001847	-0.0014268
3142	474919.83, 3849082.25	1.53833	14.4135	11.3054	-0.0001946	-0.0018235	-0.0014303	-9.097E-05	-0.0008523	-0.0006685	-0.0001797	-0.0016832	-0.0013203
3143	474919.83, 3849107.25	1.43243	14.0929	10.7009	-0.0001812	-0.0017829	-0.0013538	-8.471E-05	-0.0008334	-0.0006328	-0.0001673	-0.0016458	-0.0012497
3144	474919.83, 3849132.25	1.32179	13.5897	9.8985	-0.0001672	-0.0017193	-0.0012523	-7.816E-05	-0.0008036	-0.0005853	-0.0001544	-0.001587	-0.001156
3145	474919.83, 3849157.25	1.15705	12.0805	8.56636	-0.0001464	-0.0015283	-0.0010838	-6.842E-05	-0.0007144	-0.0005066	-0.0001351	-0.0014108	-0.0010004
3146	474919.83, 3849182.25	1.03792	10.8364	7.70587	-0.0001313	-0.001371	-0.0009749	-6.138E-05	-0.0006408	-0.0004557	-0.0001212	-0.0012655	-0.0008999
3147	474944.83, 3848807.25	6.22604	37.5796	32.238	-0.0007877	-0.0047543	-0.0040786	-0.0003682	-0.0022222	-0.0019064	-0.0007271	-0.0043886	-0.0037648
3148	474944.83, 3848832.25	4.85613	31.8527	27.3842	-0.0006144	-0.0040298	-0.0034645	-0.0002872	-0.0018836	-0.0016193	-0.0005671	-0.0037198	-0.003198
3149	474944.83, 3848857.25	4.0069	28.7517	24.128	-0.0005069	-0.0036375	-0.0030525	-0.0002369	-0.0017002	-0.0014268	-0.0004679	-0.0033577	-0.0028177
3150	474944.83, 3848882.25	3.41692	25.7068	21.9194	-0.0004323	-0.0032523	-0.0027731	-0.0002021	-0.0015201	-0.0012962	-0.000399	-0.0030021	-0.0025598
3151	474944.83, 3848907.25	2.99052	22.8825	20.7389	-0.0003783	-0.0028949	-0.0026238	-0.0001768	-0.0013531	-0.0012264	-0.0003492	-0.0026723	-0.0024219
3152	474944.83, 3848932.25	2.66544	22.1075	19.2627	-0.0003372	-0.0027969	-0.002437	-0.0001576	-0.0013073	-0.0011391	-0.0003113	-0.0025818	-0.0022496

3153	474944.83, 3848957.25	2.41929	21.4453	17.5538	-0.0003061	-0.0027131	-0.0022208	-0.0001431	-0.0012682	-0.001038	-0.0002825	-0.0025044	-0.00205
3154	474944.83, 3848982.25	2.22624	20.7013	15.9522	-0.0002816	-0.002619	-0.0020182	-0.0001316	-0.0012242	-0.0009433	-0.00026	-0.0024176	-0.0018629
3155	474944.83, 3849007.25	2.06088	19.6693	15.0829	-0.0002607	-0.0024884	-0.0019082	-0.0001219	-0.0011631	-0.0008919	-0.0002407	-0.002297	-0.0017614
3156	474944.83, 3849032.25	1.886	18.08	13.6377	-0.0002386	-0.0022874	-0.0017254	-0.0001115	-0.0010691	-0.0008065	-0.0002203	-0.0021114	-0.0015926
3157	474944.83, 3849057.25	1.74216	16.5572	12.7463	-0.0002204	-0.0020947	-0.0016126	-0.000103	-0.0009791	-0.0007537	-0.0002035	-0.0019336	-0.0014885
3158	474944.83, 3849082.25	1.60842	14.9937	11.7214	-0.0002035	-0.0018969	-0.0014829	-9.511E-05	-0.0008866	-0.0006931	-0.0001878	-0.001751	-0.0013689
3159	474944.83, 3849107.25	1.48649	14.4673	10.9606	-0.0001881	-0.0018303	-0.0013867	-8.79E-05	-0.0008555	-0.0006481	-0.0001736	-0.0016895	-0.00128
3160	474944.83, 3849132.25	1.36963	13.954	10.1324	-0.0001733	-0.0017654	-0.0012819	-8.099E-05	-0.0008252	-0.0005992	-0.0001599	-0.0016296	-0.0011833
3161	474944.83, 3849157.25	1.23628	12.845	9.15995	-0.0001564	-0.0016251	-0.0011589	-7.311E-05	-0.0007596	-0.0005417	-0.0001444	-0.0015001	-0.0010697
3162	474944.83, 3849182.25	1.08826	11.3051	8.05285	-0.0001377	-0.0014302	-0.0010188	-6.435E-05	-0.0006685	-0.0004762	-0.0001271	-0.0013202	-0.0009404
3163	474944.83, 3849207.25	1.00482	10.2694	7.65554	-0.0001271	-0.0012992	-0.0009685	-5.942E-05	-0.0006073	-0.0004527	-0.0001173	-0.0011993	-0.000894
3164	474969.83, 3848832.25	6.05153	37.2283	32.1715	-0.0007656	-0.0047099	-0.0040701	-0.0003579	-0.0022015	-0.0019024	-0.0007067	-0.0043476	-0.0037571
3165	474969.83, 3848857.25	4.72932	31.657	27.4741	-0.0005983	-0.004005	-0.0034758	-0.0002797	-0.001872	-0.0016247	-0.0005523	-0.003697	-0.0032085
3166	474969.83, 3848882.25	3.90591	28.3821	23.8365	-0.0004942	-0.0035907	-0.0030156	-0.000231	-0.0016783	-0.0014095	-0.0004561	-0.0033145	-0.0027837
3167	474969.83, 3848907.25	3.33414	24.7486	22.112	-0.0004218	-0.003131	-0.0027975	-0.0001972	-0.0014635	-0.0013076	-0.0003894	-0.0028902	-0.0025823
3168	474969.83, 3848932.25	2.91856	23.234	20.6071	-0.0003692	-0.0029394	-0.0026071	-0.0001726	-0.0013739	-0.0012186	-0.0003408	-0.0027133	-0.0024065
3169	474969.83, 3848957.25	2.60923	22.4116	18.3376	-0.0003301	-0.0028354	-0.00232	-0.0001543	-0.0013253	-0.0010844	-0.0003047	-0.0026173	-0.0021415
3170	474969.83, 3848982.25	2.37863	21.6236	16.8337	-0.0003009	-0.0027357	-0.0021297	-0.0001407	-0.0012787	-0.0009954	-0.0002778	-0.0025253	-0.0019659
3171	474969.83, 3849007.25	2.19616	20.6688	16.0634	-0.0002778	-0.0026149	-0.0020322	-0.0001299	-0.0012222	-0.0009499	-0.0002565	-0.0024138	-0.0018759
3172	474969.83, 3849032.25	1.99883	18.9863	14.3493	-0.0002529	-0.002402	-0.0018154	-0.0001182	-0.0011227	-0.0008485	-0.0002334	-0.0022173	-0.0016757
3173	474969.83, 3849057.25	1.83772	17.351	13.3174	-0.0002325	-0.0021951	-0.0016848	-0.0001087	-0.001026	-0.0007875	-0.0002146	-0.0020263	-0.0015552
3174	474969.83, 3849082.25	1.69012	15.6767	12.2021	-0.0002138	-0.0019833	-0.0015437	-9.994E-05	-0.000927	-0.0007216	-0.0001974	-0.0018308	-0.001425
3175	474969.83, 3849107.25	1.54458	14.8642	11.2089	-0.0001954	-0.0018805	-0.0014181	-9.134E-05	-0.000879	-0.0006628	-0.0001804	-0.0017359	-0.001309
3176	474969.83, 3849132.25	1.4008	14.1089	10.2064	-0.0001772	-0.001785	-0.0012913	-8.284E-05	-0.0008343	-0.0006035	-0.0001636	-0.0016477	-0.0011919
3177	474969.83, 3849157.25	1.27716	13.1693	9.38621	-0.0001616	-0.0016661	-0.0011875	-7.552E-05	-0.0007788	-0.000555	-0.0001492	-0.0015379	-0.0010961
3178	474969.83, 3849182.25	1.15141	11.9014	8.49606	-0.0001457	-0.0015057	-0.0010749	-6.809E-05	-0.0007038	-0.0005024	-0.0001345	-0.0013899	-0.0009922
3179	474969.83, 3849207.25	1.05487	10.7323	7.96303	-0.0001335	-0.0013578	-0.0010074	-6.238E-05	-0.0006346	-0.0004709	-0.0001232	-0.0012533	-0.0009299
3180	474994.83, 3848857.25	5.99093	37.4569	32.6188	-0.0007579	-0.0047388	-0.0041267	-0.0003543	-0.002215	-0.0019289	-0.0006996	-0.0043743	-0.0038093
3181	474994.83, 3848882.25	4.54675	31.1387	26.5585	-0.0005752	-0.0039395	-0.00336	-0.0002689	-0.0018414	-0.0015705	-0.000531	-0.0036365	-0.0031016
3182	474994.83, 3848907.25	3.7656	27.2688	23.6019	-0.0004764	-0.0034499	-0.002986	-0.0002227	-0.0016125	-0.0013957	-0.0004398	-0.0031845	-0.0027563
3183	474994.83, 3848932.25	3.22256	24.3688	21.9108	-0.0004077	-0.003083	-0.002772	-0.0001906	-0.001441	-0.0012957	-0.0003763	-0.0028459	-0.0025588
3184	474994.83, 3848957.25	2.84315	23.5115	19.6582	-0.0003597	-0.0029745	-0.002487	-0.0001681	-0.0013903	-0.0011625	-0.000332	-0.0027457	-0.0022957
3185	474994.83, 3848982.25	2.58109	22.8819	18.124	-0.0003265	-0.0028949	-0.0022929	-0.0001526	-0.0013531	-0.0010717	-0.0003014	-0.0026722	-0.0021166
3186	474994.83, 3849007.25	2.37792	22.0427	17.0503	-0.0003008	-0.0027887	-0.0021571	-0.0001406	-0.0013035	-0.0010083	-0.0002777	-0.0025742	-0.0019912
3187	474994.83, 3849032.25	2.1177	19.8673	15.0484	-0.0002679	-0.0025135	-0.0019038	-0.0001252	-0.0011748	-0.0008899	-0.0002473	-0.0023202	-0.0017574
3188	474994.83, 3849057.25	1.92572	18.0018	13.7659	-0.0002436	-0.0022775	-0.0017416	-0.0001139	-0.0010645	-0.000814	-0.0002249	-0.0021023	-0.0016076
3189	474994.83, 3849082.25	1.77659	16.3657	12.6907	-0.0002248	-0.0020705	-0.0016055	-0.0001051	-0.0009678	-0.0007505	-0.0002075	-0.0019112	-0.0014821
3190	474994.83, 3849107.25	1.61592	15.3578	11.5662	-0.0002044	-0.001943	-0.0014633	-9.556E-05	-0.0009082	-0.000684	-0.0001887	-0.0017935	-0.0013507
3191	474994.83, 3849132.25	1.44659	14.4101	10.4157	-0.000183	-0.0018231	-0.0013177	-8.554E-05	-0.0008521	-0.0006159	-0.0001689	-0.0016829	-0.0012164
3192	474994.83, 3849157.25	1.33548	13.669	9.76161	-0.000169	-0.0017293	-0.001235	-7.897E-05	-0.0008083	-0.0005772	-0.000156	-0.0015963	-0.00114
3193	474994.83, 3849182.25	1.21193	12.4526	8.90236	-0.0001533	-0.0015754	-0.0011263	-7.167E-05	-0.0007364	-0.0005264	-0.0001415	-0.0014542	-0.0010396
3194	474994.83, 3849207.25	1.10358	11.1677	8.28171	-0.0001396	-0.0014129	-0.0010477	-6.526E-05	-0.0006604	-0.0004897	-0.0001289	-0.0013042	-0.0009672
3195	474994.83, 3849232.25	1.02134	10.0338	7.87745	-0.0001292	-0.0012694	-0.0009966	-6.04E-05	-0.0005933	-0.0004658	-0.0001193	-0.0011718	-0.0009199
3196	475019.83, 3848882.25	5.49903	34.3709	30.6085	-0.0006957	-0.0043484	-0.0038724	-0.0003252	-0.0020325	-0.00181	-0.0006422	-0.0040139	-0.0035745
3197	475019.83, 3848907.25	4.3601	30.2685	25.4955	-0.0005516	-0.0038294	-0.0032255	-0.0002578	-0.0017899	-0.0015077	-0.0005092	-0.0035348	-0.0029774
3198	475019.83, 3848932.25	3.61053	25.8674	23.3624	-0.0004568	-0.0032726	-0.0029557	-0.0002135	-0.0015296	-0.0013815	-0.0004216	-0.0030209	-0.0027283
3199	475019.83, 3848957.25	3.12756	24.6758	21.4698	-0.0003957	-0.0031218	-0.0027162	-0.0001849	-0.0014592	-0.0012696	-0.0003652	-0.0028817	-0.0025073
3200	475019.83, 3848982.25	2.80512	24.0613	19.4417	-0.0003549	-0.0030441	-0.0024596	-0.0001659	-0.0014228	-0.0011497	-0.0003276	-0.0028099	-0.0022705
3201	475019.83, 3849007.25	2.55856	23.1966	17.8283	-0.0003237	-0.0029347	-0.0022555	-0.0001513	-0.0013717	-0.0010543	-0.0002988	-0.002709	-0.002082
3202	475019.83, 3849032.25	2.26795	20.972	15.9613	-0.0002869	-0.0026532	-0.0020193	-0.0001341	-0.0012402	-0.0009439	-0.0002649	-0.0024492	-0.001864
3203	475019.83, 3849057.25	2.01582	18.5864	14.1685	-0.000255	-0.0023514	-0.0017925	-0.0001192	-0.0010991	-0.0008378	-0.0002354	-0.0021706	-0.0016546
3204	475019.83, 3849082.25	1.83193	16.6415	12.8813	-0.0002318	-0.0021054	-0.0016297	-0.0001083	-0.0009841	-0.0007617	-0.0002139	-0.0019434	-0.0015043
3205	475019.83, 3849107.25	1.67056	15.6272	11.7869	-0.0002113	-0.0019771	-0.0014912	-9.879E-05	-0.0009241	-0.000697	-0.0001951	-0.001825	-0.0013765
3206	475019.83, 3849132.25	1.52114	15.0043	10.8906	-0.0001924	-0.0018982	-0.0013778	-8.995E-05	-0.0008873	-0.000644	-0.0001776	-0.0017522	-0.0012718
3207	475019.83, 3849157.25	1.41365	14.3658	10.3019	-0.0001788	-0.0018175	-0.0013033	-8.359E-05	-0.0008495	-0.0006092	-0.0001651	-0.0016777	-0.0012031
3208	475019.83, 3849182.25	1.27504	13.0141	9.31432	-0.0001613	-0.0016465	-0.0011784	-7.54E-05	-0.0007696	-0.0005508	-0.0001489	-0.0015198	-0.0010878
3209	475019.83, 3849207.25	1.1515	11.5829	8.61994	-0.0001457	-0.0014654	-0.0010905	-6.809E-05	-0.0006849	-0.0005097	-0.0001345	-0.0013527	-0.0010067
3210	475019.83, 3849232.25	1.06103	10.3629	8.15587	-0.0001342	-0.0013111	-0.0010318	-6.274E-05	-0.0006128	-0.0004823	-0.0001239	-0.0012102	-0.0009525
3211	475019.83, 3849257.25	0.99282	9.3336	7.66417	-0.0001256	-0.0011808	-0.0009696	-5.871E-05	-0.0005519	-0.0004532	-0.0001159	-0.00109	-0.000895
3212	475044.83, 3848907.25	5.21463	33.5418	29.3849	-0.0006597	-0.0042435	-0.0037176	-0.0003084	-0.0019835	-0.0017376	-0.000609	-0.0039171	-0.0034316
3213	475044.83, 3848932.25	4.14401	28.6195	25.2737	-0.0005243	-0.0036208	-0.0031975	-0.0002451	-0.0016924	-0.0014945	-0.0004839	-0.0033423	-0.0029515
3214	475044.83, 3848957.25	3.46796	25.8924	22.914	-0.0004387	-0.0032757	-0.0028989	-0.0002051	-0.0015311	-0.001355	-0.000405	-0.0030238	-0.002676
3215	475044.83, 3848982.25	3.00563	24.5725	20.0498	-0.0003803	-0.0031088	-0.0025366	-0.0001777	-0.0014531	-0.0011856	-0.000351	-0.0028696	-0.0023415
3216	475044.83, 3849007.25	2.67111	23.3365	17.8058	-0.0003379	-0.0029524	-0.0022527	-0.000158	-0.00138	-0.0010529	-0.0003119	-0.0027253	-0.0020794
3217	475044.83, 3849032.25	2.37608	21.4393	16.4963	-0.0003006	-0.0027124	-0.002087	-0.0001405	-0.0012678	-0.0009755	-0.0002775	-0.0025037	-0.0019265
3218	475044.83, 3849057.25	2.10729	19.1143	14.524	-0.0002666	-0.0024182	-0.0018375	-0.0001246	-0.0011303	-0.0008589	-0.0002461	-0.0022322	-0.0016961
3219	475044.83, 3849082.25	1.87871	16.8311	12.9521	-0.0002377	-0.0021294	-0.0016386	-0.0001111	-0.0009953	-0.0007659	-0.0002194	-0.0019656	-0.0015126
3220	475044.83, 3849107.25	1.71497	15.7466	11.89	-0.000217	-0.0019922	-0.0015042	-0.0001014	-0.0009312	-0.0007031	-0.0002003	-0.0018389	-0.0013885
3221	475044.83, 3849132.25	1.59826	15.589	11.2761	-0.0002022	-0.0019722	-0.0014266	-9.451E-05	-0.0009218	-0.0006668	-0.0001866	-0.0018205	-0.0013169
3222	475044.83, 3849157.25	1.46764	14.7702	10.5955	-0.0001857	-0.0018686	-0.0013405	-8.679E-05	-0.0008734	-0.0006266	-0.0001714	-0.0017249	-0.0012374
3223	475044.83, 3849182.25	1.32969	13.471	9.66631	-0.0001682	-0.0017043	-0.0012229	-7.863E-05	-0.0007966	-0.0005716	-0.0001553	-0.0015732	-0.0011289
3224	475044.83, 3849207.25	1.20102	12.0028	8.96515	-0.0001519	-0.0015185	-0.0011342	-7.102E-05	-0.0007098	-0.0005301	-0.0001403	-0.0014017	-0.001047
3225	475044.83, 3849232.25	1.10544	10.7327	8.45393	-0.0001399	-0.0013578	-0.0010695	-6.537E-05	-0.0006347	-0.0004999	-0.0001291	-0.0012534	-0.0009873
3226	475044.83, 3849257.25	1.0324	9.65122	7.94482	-0.0001306	-0.001221	-0.0010051	-6.105E-05	-0.0005707	-0.0004698	-0.0001206	-0.0011271	-0.0009278
3227	475044.83, 3849282.25	0.96523	8.6481	7.39502	-0.0001221	-0.0010941	-0.0009356	-5.708E-05	-0.0005114	-0.0004373	-0.0001127	-0.0010099	-0.0008636
3228	475069.83, 3848932.25	4.91369	32.0978	27.8451	-0.0006216	-0.0040608	-0.0035228	-0.0002906	-0.0018981	-0.0016466	-0.0005738	-0.0037485	-0.0032518
3229	475069.83, 3848957.25	3.93939	27.8961	24.7044	-0.0004984	-0.0035292	-0.0031254	-0.000233	-0.0016496	-0.0014609	-0.0004601	-0.0032578	-0.002885

3230	475069.83, 3848982.25	3.29819	25.5841	21.4414	-0.0004173	-0.0032367	-0.0027126	-0.000195	-0.0015129	-0.0012679	-0.0003852	-0.0029878	-0.002504
3231	475069.83, 3849007.25	2.84194	23.8571	18.6675	-0.0003595	-0.0030183	-0.0023617	-0.0001681	-0.0014108	-0.0011039	-0.0003319	-0.0027861	-0.00218
3232	475069.83, 3849032.25	2.4817	21.7591	16.7516	-0.000314	-0.0027528	-0.0021193	-0.0001468	-0.0012867	-0.0009906	-0.0002898	-0.0025411	-0.0019563
3233	475069.83, 3849057.25	2.1982	19.5654	15.0357	-0.0002781	-0.0024753	-0.0019022	-0.00013	-0.001157	-0.0008891	-0.0002567	-0.0022849	-0.0017559
3234	475069.83, 3849082.25	1.95849	17.3213	13.2718	-0.0002478	-0.0021914	-0.0016791	-0.0001158	-0.0010243	-0.0007848	-0.0002287	-0.0020228	-0.0015499
3235	475069.83, 3849107.25	1.77134	15.9552	12.0714	-0.0002241	-0.0020186	-0.0015272	-0.0001047	-0.0009435	-0.0007138	-0.0002069	-0.0018633	-0.0014097
3236	475069.83, 3849132.25	1.62542	15.607	11.2761	-0.0002056	-0.0019745	-0.0014266	-9.612E-05	-0.0009229	-0.0006668	-0.0001898	-0.0018226	-0.0013169
3237	475069.83, 3849157.25	1.48741	14.8014	10.5922	-0.0001882	-0.0018726	-0.0013401	-8.796E-05	-0.0008753	-0.0006264	-0.0001737	-0.0017285	-0.001237
3238	475069.83, 3849182.25	1.37055	13.7715	9.90755	-0.0001734	-0.0017423	-0.0012534	-8.105E-05	-0.0008144	-0.0005859	-0.0001601	-0.0016083	-0.001157
3239	475069.83, 3849207.25	1.24817	12.3854	9.2834	-0.0001579	-0.0015669	-0.0011745	-7.381E-05	-0.0007324	-0.000549	-0.0001458	-0.0014464	-0.0010841
3240	475069.83, 3849232.25	1.15131	11.1078	8.70378	-0.0001457	-0.0014053	-0.0011011	-6.808E-05	-0.0006568	-0.0005147	-0.0001345	-0.0012972	-0.0010165
3241	475069.83, 3849257.25	1.07406	9.98282	8.20512	-0.0001359	-0.001263	-0.0010381	-6.351E-05	-0.0005903	-0.0004852	-0.0001254	-0.0011658	-0.0009582
3242	475069.83, 3849282.25	1.00006	8.91057	7.63719	-0.0001265	-0.0011273	-0.0009662	-5.914E-05	-0.0005269	-0.0004516	-0.0001168	-0.0010406	-0.0008919
3243	475069.83, 3849307.25	0.93916	8.02199	7.19293	-0.0001188	-0.0010149	-0.00091	-5.554E-05	-0.0004744	-0.0004253	-0.0001097	-0.0009368	-0.00084
3244	475094.83, 3848932.25	6.21874	36.6038	33.3098	-0.0007868	-0.0046309	-0.0042141	-0.0003677	-0.0021645	-0.0019697	-0.0007262	-0.0042747	-0.00389
3245	475094.83, 3848957.25	4.64892	30.8872	27.4798	-0.0005882	-0.0039077	-0.0034766	-0.0002749	-0.0018265	-0.001625	-0.0005429	-0.0036071	-0.0032092
3246	475094.83, 3848982.25	3.78095	27.701	24.0942	-0.0004783	-0.0035046	-0.0030482	-0.0002236	-0.0016381	-0.0014248	-0.0004415	-0.003235	-0.0028138
3247	475094.83, 3849007.25	3.16287	25.4715	20.4205	-0.0004001	-0.0032225	-0.0025835	-0.000187	-0.0015062	-0.0012075	-0.0003694	-0.0029746	-0.0023848
3248	475094.83, 3849032.25	2.70752	23.1001	17.7022	-0.0003425	-0.0029225	-0.0022396	-0.0001601	-0.001366	-0.0010468	-0.0003162	-0.0026977	-0.0020673
3249	475094.83, 3849057.25	2.35536	20.5811	15.6769	-0.000298	-0.0026038	-0.0019833	-0.0001393	-0.001217	-0.000927	-0.0002751	-0.0024035	-0.0018308
3250	475094.83, 3849082.25	2.09408	18.289	14.0187	-0.0002649	-0.0023138	-0.0017736	-0.0001238	-0.0010815	-0.000829	-0.0002446	-0.0021358	-0.0016371
3251	475094.83, 3849107.25	1.88249	16.6561	12.6513	-0.0002382	-0.0021072	-0.0016006	-0.0001113	-0.0009849	-0.0007481	-0.0002198	-0.0019451	-0.0014774
3252	475094.83, 3849132.25	1.69755	16.0668	11.6412	-0.0002148	-0.0020327	-0.0014728	-0.0001004	-0.0009501	-0.0006884	-0.0001982	-0.0018763	-0.0013595
3253	475094.83, 3849157.25	1.53096	15.059	10.6996	-0.0001937	-0.0019052	-0.0013536	-9.053E-05	-0.0008905	-0.0006327	-0.0001788	-0.0017586	-0.0012495
3254	475094.83, 3849182.25	1.44518	14.3996	10.4086	-0.0001828	-0.0018217	-0.0013168	-8.546E-05	-0.0008515	-0.0006155	-0.0001688	-0.0016816	-0.0012155
3255	475094.83, 3849207.25	1.31765	12.9822	9.77101	-0.0001667	-0.0016424	-0.0012362	-7.792E-05	-0.0007677	-0.0005778	-0.0001539	-0.0015161	-0.0011411
3256	475094.83, 3849232.25	1.20445	11.5467	8.99955	-0.0001524	-0.0014608	-0.0011386	-7.122E-05	-0.0006828	-0.0005322	-0.0001407	-0.0013484	-0.001051
3257	475094.83, 3849257.25	1.11462	10.2964	8.42556	-0.000141	-0.0013026	-0.0010659	-6.591E-05	-0.0006089	-0.0004982	-0.0001302	-0.0012024	-0.000984
3258	475094.83, 3849282.25	1.03645	9.18262	7.8873	-0.0001311	-0.0011617	-0.0009979	-6.129E-05	-0.000543	-0.0004664	-0.000121	-0.0010724	-0.0009211
3259	475094.83, 3849307.25	0.97277	8.26545	7.42192	-0.0001231	-0.0010457	-0.000939	-5.752E-05	-0.0004888	-0.0004389	-0.0001136	-0.0009653	-0.0008668
3260	475119.83, 3848957.25	5.81575	35.6392	31.8746	-0.0007358	-0.0045089	-0.0040326	-0.0003439	-0.0021075	-0.0018849	-0.0006792	-0.004162	-0.0037224
3261	475119.83, 3848982.25	4.37698	30.4971	26.4597	-0.0005537	-0.0038583	-0.0033475	-0.0002588	-0.0018034	-0.0015647	-0.0005112	-0.0035615	-0.00309
3262	475119.83, 3849007.25	3.56912	27.3414	22.0697	-0.0004515	-0.0034591	-0.0027921	-0.0002111	-0.0016168	-0.0013051	-0.0004168	-0.003193	-0.0025774
3263	475119.83, 3849032.25	3.02005	24.9792	19.0535	-0.0003821	-0.0031602	-0.0024105	-0.0001786	-0.0014771	-0.0011267	-0.0003527	-0.0029171	-0.0022251
3264	475119.83, 3849057.25	2.59111	22.1876	16.8752	-0.0003278	-0.002807	-0.0021349	-0.0001532	-0.001312	-0.0009979	-0.0003026	-0.0025911	-0.0019707
3265	475119.83, 3849082.25	2.2895	19.7245	15.295	-0.0002897	-0.0024954	-0.001935	-0.0001354	-0.0011664	-0.0009045	-0.0002674	-0.0023035	-0.0017862
3266	475119.83, 3849107.25	2.03819	17.7074	13.5799	-0.0002579	-0.0022402	-0.001718	-0.0001205	-0.0010471	-0.000803	-0.000238	-0.0020679	-0.0015859
3267	475119.83, 3849132.25	1.81289	16.9189	12.2729	-0.0002294	-0.0021405	-0.0015527	-0.0001072	-0.0010005	-0.0007257	-0.0002117	-0.0019758	-0.0014333
3268	475119.83, 3849157.25	1.62962	15.8637	11.2838	-0.0002062	-0.002007	-0.0014276	-9.637E-05	-0.0009381	-0.0006673	-0.0001903	-0.0018526	-0.0013178
3269	475119.83, 3849182.25	1.52914	15.0927	10.9718	-0.0001935	-0.0019094	-0.0013881	-9.042E-05	-0.0008925	-0.0006488	-0.0001786	-0.0017626	-0.0012813
3270	475119.83, 3849207.25	1.40222	13.7009	10.292	-0.0001774	-0.0017334	-0.0013021	-8.292E-05	-0.0008102	-0.0006086	-0.0001638	-0.0016	-0.0012019
3271	475119.83, 3849232.25	1.27734	12.163	9.45058	-0.0001616	-0.0015388	-0.0011956	-7.553E-05	-0.0007192	-0.0005589	-0.0001492	-0.0014204	-0.0011037
3272	475119.83, 3849257.25	1.16831	10.7279	8.74179	-0.0001478	-0.0013572	-0.001106	-6.909E-05	-0.0006344	-0.0005169	-0.0001364	-0.0012528	-0.0010209
3273	475119.83, 3849282.25	1.07553	9.47317	8.15305	-0.0001361	-0.0011985	-0.0010315	-6.36E-05	-0.0005602	-0.0004821	-0.0001256	-0.0011063	-0.0009521
3274	475119.83, 3849307.25	1.00314	8.47518	7.61542	-0.0001269	-0.0010722	-0.0009635	-5.932E-05	-0.0005012	-0.0004503	-0.0001171	-0.0009898	-0.0008893
3275	475119.83, 3849332.25	0.94083	7.8295	7.34272	-0.000119	-0.0009905	-0.000929	-5.564E-05	-0.000463	-0.0004342	-0.0001099	-0.0009143	-0.0008575
3276	475144.83, 3848982.25	5.23486	34.0957	29.3253	-0.0006623	-0.0043136	-0.0037101	-0.0003096	-0.0020162	-0.0017341	-0.0006113	-0.0039818	-0.0034247
3277	475144.83, 3849007.25	4.10253	29.4647	24.4011	-0.000519	-0.0037277	-0.0030871	-0.0002426	-0.0017424	-0.0014429	-0.0004791	-0.003441	-0.0028496
3278	475144.83, 3849032.25	3.46003	27.5749	21.2574	-0.0004377	-0.0034886	-0.0026894	-0.0002046	-0.0016306	-0.001257	-0.0004041	-0.0032203	-0.0024825
3279	475144.83, 3849057.25	2.90586	24.3009	18.6704	-0.0003676	-0.0030744	-0.0023621	-0.0001718	-0.001437	-0.0011041	-0.0003394	-0.0028379	-0.0021804
3280	475144.83, 3849082.25	2.50105	21.1753	16.6472	-0.0003164	-0.002679	-0.0021061	-0.0001479	-0.0012522	-0.0009844	-0.0002921	-0.0024729	-0.0019441
3281	475144.83, 3849107.25	2.17528	18.4793	14.4011	-0.0002752	-0.0023379	-0.0018219	-0.0001286	-0.0010928	-0.0008516	-0.000254	-0.0021581	-0.0016818
3282	475144.83, 3849132.25	1.92094	17.6388	12.8938	-0.000243	-0.0022315	-0.0016312	-0.0001136	-0.0010431	-0.0007625	-0.0002243	-0.0020599	-0.0015058
3283	475144.83, 3849157.25	1.76763	17.009	12.0861	-0.0002236	-0.0021519	-0.0015291	-0.0001045	-0.0010058	-0.0007147	-0.0002064	-0.0019864	-0.0014115
3284	475144.83, 3849182.25	1.60431	15.6704	11.3263	-0.000203	-0.0019825	-0.0014329	-9.487E-05	-0.0009267	-0.0006698	-0.0001874	-0.00183	-0.0013227
3285	475144.83, 3849207.25	1.48868	14.4061	10.798	-0.0001883	-0.0018226	-0.0013661	-8.803E-05	-0.0008519	-0.0006385	-0.0001739	-0.0016824	-0.001261
3286	475144.83, 3849232.25	1.37234	12.9492	10.0912	-0.0001736	-0.0016383	-0.0012767	-8.115E-05	-0.0007657	-0.0005967	-0.0001603	-0.0015122	-0.0011785
3287	475144.83, 3849257.25	1.24427	11.3466	9.23545	-0.0001574	-0.0014355	-0.0011684	-7.358E-05	-0.000671	-0.0005461	-0.0001453	-0.0013251	-0.0010785
3288	475144.83, 3849282.25	1.12137	9.81885	8.46612	-0.0001419	-0.0012422	-0.0010711	-6.631E-05	-0.0005806	-0.0005006	-0.000131	-0.0011467	-0.0009887
3289	475144.83, 3849307.25	1.03375	8.68151	7.80729	-0.0001308	-0.0010983	-0.0009877	-6.113E-05	-0.0005134	-0.0004617	-0.0001207	-0.0010138	-0.0009118
3290	475144.83, 3849332.25	0.96602	7.99613	7.49487	-0.0001222	-0.0010116	-0.0009482	-5.712E-05	-0.0004728	-0.0004432	-0.0001128	-0.0009338	-0.0008753
3291	475169.83, 3849007.25	4.82594	32.7901	27.748	-0.0006105	-0.0041484	-0.0035105	-0.0002854	-0.001939	-0.0016409	-0.0005636	-0.0038293	-0.0032405
3292	475169.83, 3849032.25	4.0154	30.517	24.0059	-0.000508	-0.0038608	-0.0030371	-0.0002374	-0.0018046	-0.0014196	-0.0004689	-0.0035639	-0.0028035
3293	475169.83, 3849057.25	3.23613	26.1995	20.3318	-0.0004094	-0.0033146	-0.0025722	-0.0001914	-0.0015493	-0.0012023	-0.0003779	-0.0030597	-0.0023744
3294	475169.83, 3849082.25	2.716	22.5022	17.9656	-0.0003436	-0.0028468	-0.0022729	-0.0001606	-0.0013306	-0.0010624	-0.0003172	-0.0026279	-0.0020981
3295	475169.83, 3849107.25	2.34066	19.403	15.402	-0.0002961	-0.0024547	-0.0019486	-0.0001384	-0.0011474	-0.0009108	-0.0002733	-0.0022659	-0.0017987
3296	475169.83, 3849132.25	2.06827	18.6672	13.8036	-0.0002617	-0.0023617	-0.0017463	-0.0001223	-0.0011039	-0.0008163	-0.0002415	-0.00218	-0.001612
3297	475169.83, 3849157.25	1.90901	18.1192	12.8614	-0.0002415	-0.0022923	-0.0016271	-0.0001129	-0.0010715	-0.0007605	-0.0002229	-0.002116	-0.001502
3298	475169.83, 3849182.25	1.70243	16.4366	11.8211	-0.0002154	-0.0020795	-0.0014955	-0.0001007	-0.000972	-0.000699	-0.0001988	-0.0019195	-0.0013805
3299	475169.83, 3849207.25	1.58796	15.2012	11.3746	-0.0002009	-0.0019232	-0.001439	-9.39E-05	-0.0008989	-0.0006726	-0.0001854	-0.0017752	-0.0013284
3300	475169.83, 3849232.25	1.46146	13.6519	10.6553	-0.0001849	-0.0017271	-0.001348	-8.642E-05	-0.0008073	-0.0006301	-0.0001707	-0.0015943	-0.0012444
3301	475169.83, 3849257.25	1.31088	11.8603	9.6319	-0.0001658	-0.0015005	-0.0012186	-7.752E-05	-0.0007014	-0.0005696	-0.0001531	-0.0013851	-0.0011248
3302	475169.83, 3849282.25	1.17306	10.2085	8.77779	-0.0001484	-0.0012915	-0.0011105	-6.937E-05	-0.0006037	-0.0005191	-0.000137	-0.0011922	-0.0010251
3303	475169.83, 3849307.25	1.07265	8.95694	8.06613	-0.0001357	-0.0011332	-0.0010205	-6.343E-05	-0.0005297	-0.000477	-0.0001253	-0.001046	-0.000942
3304	475169.83, 3849332.25	0.99676	8.20375	7.67281	-0.0001261	-0.0010379	-0.0009707	-5.894E-05	-0.0004851	-0.0004537	-0.0001164	-0.0009581	-0.0008961
3305	475194.83, 3849007.25	6.16905	39.2812	33.2169	-0.0007805	-0.0049696	-0.0042024	-0.0003648	-0.0023229	-0.0019643	-0.0007204	-0.0045874	-0.0038792
3306	475194.83, 3849032.25	4.54667	32.5083	26.081	-0.0005752	-0.0041127	-0.0032996	-0.0002689	-0.0019223	-0.0015423	-0.000531	-0.0037964	-0.0030458

3307	475194.83, 3849057.25	3.62894	28.1791	22.258	-0.0004591	-0.003565	-0.0028159	-0.0002146	-0.0016663	-0.0013162	-0.0004238	-0.0032908	-0.0025993
3308	475194.83, 3849082.25	3.0036	24.2751	19.1942	-0.00038	-0.0030711	-0.0024283	-0.0001776	-0.0014355	-0.001135	-0.0003508	-0.0028349	-0.0022415
3309	475194.83, 3849107.25	2.55744	20.7416	16.7352	-0.0003236	-0.0026241	-0.0021172	-0.0001512	-0.0012265	-0.0009896	-0.0002987	-0.0024223	-0.0019544
3310	475194.83, 3849132.25	2.23846	19.8171	14.8481	-0.0002832	-0.0025071	-0.0018785	-0.0001324	-0.0011719	-0.000878	-0.0002614	-0.0023143	-0.001734
3311	475194.83, 3849157.25	2.03179	18.9887	13.5545	-0.000257	-0.0024023	-0.0017148	-0.0001201	-0.0011229	-0.0008015	-0.0002373	-0.0022175	-0.0015829
3312	475194.83, 3849182.25	1.8152	17.3074	12.3928	-0.0002296	-0.0021896	-0.0015679	-0.0001073	-0.0010235	-0.0007328	-0.000212	-0.0020212	-0.0014473
3313	475194.83, 3849207.25	1.67073	15.8398	11.8512	-0.0002114	-0.0020039	-0.0014993	-9.88E-05	-0.0009367	-0.0007008	-0.0001951	-0.0018498	-0.001384
3314	475194.83, 3849232.25	1.52989	14.17	10.9852	-0.0001936	-0.0017927	-0.0013898	-9.047E-05	-0.0008379	-0.0006496	-0.0001787	-0.0016548	-0.0012829
3315	475194.83, 3849257.25	1.37893	12.3711	10.0192	-0.0001745	-0.0015651	-0.0012676	-8.154E-05	-0.0007316	-0.0005925	-0.000161	-0.0014447	-0.0011701
3316	475194.83, 3849282.25	1.23512	10.6783	9.14322	-0.0001563	-0.001351	-0.0011567	-7.304E-05	-0.0006315	-0.0005407	-0.0001442	-0.001247	-0.0010678
3317	475194.83, 3849307.25	1.1142	9.2498	8.33873	-0.000141	-0.0011702	-0.001055	-6.589E-05	-0.000547	-0.0004931	-0.0001301	-0.0010802	-0.0009738
3318	475194.83, 3849332.25	1.03437	8.46416	7.8675	-0.0001309	-0.0010708	-0.0009953	-6.117E-05	-0.0005005	-0.0004652	-0.0001208	-0.0009885	-0.0009188
3319	475194.83, 3849357.25	0.96622	8.03568	7.38967	-0.0001222	-0.0010166	-0.0009349	-5.714E-05	-0.0004752	-0.000437	-0.0001128	-0.0009384	-0.000863
3320	475219.83, 3849032.25	5.52916	37.6034	29.7754	-0.0006995	-0.0047573	-0.003767	-0.000327	-0.0022236	-0.0017607	-0.0006457	-0.0043914	-0.0034773
3321	475219.83, 3849057.25	4.20716	31.3211	24.8464	-0.0005323	-0.0039625	-0.0031434	-0.0002488	-0.0018521	-0.0014693	-0.0004913	-0.0036578	-0.0029016
3322	475219.83, 3849082.25	3.36925	26.3548	21.0697	-0.0004263	-0.0033342	-0.0026656	-0.0001992	-0.0015585	-0.0012459	-0.0003935	-0.0030778	-0.0024606
3323	475219.83, 3849107.25	2.80466	22.4022	18.2166	-0.0003548	-0.0028342	-0.0023047	-0.0001659	-0.0013247	-0.0010772	-0.0003275	-0.0026162	-0.0021274
3324	475219.83, 3849132.25	2.41526	20.9068	15.8939	-0.0003056	-0.002645	-0.0020108	-0.0001428	-0.0012363	-0.0009399	-0.0002821	-0.0024416	-0.0018561
3325	475219.83, 3849157.25	2.13983	19.6648	13.9865	-0.0002707	-0.0024879	-0.0017695	-0.0001265	-0.0011629	-0.0008271	-0.0002499	-0.0022965	-0.0016334
3326	475219.83, 3849182.25	1.91899	18.0623	12.8278	-0.0002428	-0.0022851	-0.0016229	-0.0001135	-0.0010681	-0.0007586	-0.0002241	-0.0021094	-0.0014981
3327	475219.83, 3849207.25	1.73836	16.3073	12.0935	-0.0002199	-0.0020631	-0.00153	-0.0001028	-0.0009643	-0.0007151	-0.000203	-0.0019044	-0.0014123
3328	475219.83, 3849232.25	1.59788	14.6634	11.274	-0.0002022	-0.0018551	-0.0014263	-9.449E-05	-0.0008671	-0.0006667	-0.0001866	-0.0017124	-0.0013166
3329	475219.83, 3849257.25	1.46236	12.9926	10.5158	-0.000185	-0.0016437	-0.0013304	-8.648E-05	-0.0007683	-0.0006218	-0.0001708	-0.0015173	-0.0012281
3330	475219.83, 3849282.25	1.30024	11.1609	9.51619	-0.0001645	-0.001412	-0.0012039	-7.689E-05	-0.00066	-0.0005627	-0.0001518	-0.0013034	-0.0011113
3331	475219.83, 3849307.25	1.16289	9.59883	8.64161	-0.0001471	-0.0012144	-0.0010933	-6.877E-05	-0.0005676	-0.000511	-0.0001358	-0.001121	-0.0010092
3332	475219.83, 3849332.25	1.07472	8.7414	8.07415	-0.000136	-0.0011059	-0.0010215	-6.355E-05	-0.0005169	-0.0004775	-0.0001255	-0.0010208	-0.0009429
3333	475219.83, 3849357.25	0.99852	8.25397	7.53086	-0.0001263	-0.0010442	-0.0009528	-5.905E-05	-0.0004881	-0.0004453	-0.0001166	-0.0009639	-0.0008795
3334	475244.83, 3849032.25	7.42031	46.435	37.3423	-0.0009388	-0.0058747	-0.0047243	-0.0004388	-0.0027459	-0.0022082	-0.0008666	-0.0054228	-0.0043609
3335	475244.83, 3849057.25	4.84974	34.7709	26.8453	-0.0006136	-0.004399	-0.0033963	-0.0002868	-0.0020561	-0.0015875	-0.0005664	-0.0040606	-0.0031351
3336	475244.83, 3849082.25	3.76586	28.8944	22.7729	-0.0004764	-0.0036555	-0.0028811	-0.0002227	-0.0017086	-0.0013467	-0.0004398	-0.0033744	-0.0026595
3337	475244.83, 3849107.25	3.09975	24.5512	19.9259	-0.0003922	-0.0031061	-0.0025209	-0.0001833	-0.0014518	-0.0011783	-0.000362	-0.0028672	-0.002327
3338	475244.83, 3849132.25	2.61324	22.0232	17.0067	-0.0003306	-0.0027862	-0.0021516	-0.0001545	-0.0013023	-0.0010057	-0.0003052	-0.0025719	-0.0019861
3339	475244.83, 3849157.25	2.26108	20.3846	14.5109	-0.0002861	-0.0025789	-0.0018358	-0.0001337	-0.0012054	-0.0008581	-0.0002641	-0.0023806	-0.0016946
3340	475244.83, 3849182.25	2.00183	18.5848	13.0259	-0.0002533	-0.0023512	-0.0016479	-0.0001184	-0.001099	-0.0007703	-0.0002338	-0.0021704	-0.0015212
3341	475244.83, 3849207.25	1.80813	16.7774	12.29	-0.0002288	-0.0021226	-0.0015548	-0.0001069	-0.0009921	-0.0007268	-0.0002112	-0.0019593	-0.0014353
3342	475244.83, 3849232.25	1.65687	15.0606	11.4453	-0.0002096	-0.0019054	-0.001448	-9.798E-05	-0.0008906	-0.0006768	-0.0001935	-0.0017588	-0.0013366
3343	475244.83, 3849257.25	1.51149	13.3257	10.6844	-0.0001912	-0.0016859	-0.0013517	-8.938E-05	-0.000788	-0.0006318	-0.0001765	-0.0015562	-0.0012478
3344	475244.83, 3849282.25	1.34779	11.484	9.71958	-0.0001705	-0.0014529	-0.0012297	-7.97E-05	-0.0006791	-0.0005748	-0.0001574	-0.0013411	-0.0011351
3345	475244.83, 3849307.25	1.20973	9.9222	8.89502	-0.000153	-0.0012553	-0.0011253	-7.154E-05	-0.0005867	-0.000526	-0.0001413	-0.0011587	-0.0010388
3346	475244.83, 3849332.25	1.1081	8.94486	8.21074	-0.0001402	-0.0011316	-0.0010388	-6.553E-05	-0.0005289	-0.0004855	-0.0001294	-0.0010446	-0.0009589
3347	475244.83, 3849357.25	1.02736	8.43064	7.68046	-0.00013	-0.0010666	-0.0009717	-6.075E-05	-0.0004985	-0.0004542	-0.00012	-0.0009846	-0.0008969
3348	475269.83, 3849057.25	6.02015	40.5443	30.8154	-0.0007616	-0.0051294	-0.0038986	-0.000356	-0.0023975	-0.0018222	-0.000703	-0.0047349	-0.0035987
3349	475269.83, 3849082.25	4.35097	32.4296	25.0205	-0.0005505	-0.0041028	-0.0031654	-0.0002573	-0.0019177	-0.0014796	-0.0005081	-0.0037872	-0.002922
3350	475269.83, 3849107.25	3.44181	26.9342	21.3884	-0.0004354	-0.0034075	-0.0027059	-0.0002035	-0.0015927	-0.0012648	-0.0004019	-0.0031454	-0.0024978
3351	475269.83, 3849132.25	2.85335	23.2953	17.984	-0.000361	-0.0029472	-0.0022752	-0.0001687	-0.0013775	-0.0010635	-0.0003332	-0.0027205	-0.0021002
3352	475269.83, 3849157.25	2.41981	21.3416	15.1814	-0.0003061	-0.0027	-0.0019207	-0.0001431	-0.001262	-0.0008977	-0.0002826	-0.0024923	-0.0017729
3353	475269.83, 3849182.25	2.10437	19.2156	13.4977	-0.0002662	-0.002431	-0.0017076	-0.0001244	-0.0011363	-0.0007982	-0.0002458	-0.002244	-0.0015763
3354	475269.83, 3849207.25	1.87388	17.1707	12.4358	-0.0002371	-0.0021723	-0.0015733	-0.0001108	-0.0010154	-0.0007354	-0.0002188	-0.0020052	-0.0014523
3355	475269.83, 3849232.25	1.69587	15.276	11.4249	-0.0002146	-0.0019326	-0.0014454	-0.0001003	-0.0009033	-0.0006756	-0.000198	-0.001784	-0.0013342
3356	475269.83, 3849257.25	1.5371	13.4506	10.6386	-0.0001945	-0.0017017	-0.0013459	-9.089E-05	-0.0007954	-0.0006291	-0.0001795	-0.0015708	-0.0012424
3357	475269.83, 3849282.25	1.37667	11.6324	9.76289	-0.0001742	-0.0014717	-0.0012351	-8.141E-05	-0.0006879	-0.0005773	-0.0001608	-0.0013585	-0.0011401
3358	475269.83, 3849307.25	1.23702	10.0576	8.93503	-0.0001565	-0.0012724	-0.0011304	-7.315E-05	-0.0005947	-0.0005284	-0.0001445	-0.0011745	-0.0010435
3359	475269.83, 3849332.25	1.13712	9.09768	8.29982	-0.0001439	-0.001151	-0.00105	-6.724E-05	-0.000538	-0.0004908	-0.0001328	-0.0010625	-0.0009693
3360	475269.83, 3849357.25	1.05514	8.58825	7.76761	-0.0001335	-0.0010865	-0.0009827	-6.239E-05	-0.0005079	-0.0004593	-0.0001232	-0.001003	-0.0009071
3361	475294.83, 3849082.25	5.11086	36.3171	27.7755	-0.0006466	-0.0045946	-0.003514	-0.0003022	-0.0021476	-0.0016425	-0.0005969	-0.0042412	-0.0032437
3362	475294.83, 3849107.25	3.82501	29.3279	22.641	-0.0004839	-0.0037104	-0.0028644	-0.0002262	-0.0017343	-0.0013389	-0.0004467	-0.003425	-0.0026441
3363	475294.83, 3849132.25	3.1364	24.6408	19.2605	-0.0003968	-0.0031174	-0.0024367	-0.0001855	-0.0014571	-0.001139	-0.0003663	-0.0028776	-0.0022493
3364	475294.83, 3849157.25	2.60749	22.3901	15.8673	-0.0003299	-0.0028327	-0.0020074	-0.0001542	-0.001324	-0.0009383	-0.0003045	-0.0026148	-0.001853
3365	475294.83, 3849182.25	2.2444	20.0781	13.9802	-0.0002839	-0.0025402	-0.0017687	-0.0001327	-0.0011873	-0.0008267	-0.0002621	-0.0023448	-0.0016326
3366	475294.83, 3849207.25	1.96946	17.7601	12.7301	-0.0002492	-0.0022469	-0.0016105	-0.0001165	-0.0010502	-0.0007528	-0.00023	-0.0020741	-0.0014866
3367	475294.83, 3849232.25	1.7574	15.6337	11.7719	-0.0002223	-0.0019779	-0.0014893	-0.0001039	-0.0009245	-0.0006961	-0.0002052	-0.0018257	-0.0013748
3368	475294.83, 3849257.25	1.57803	13.664	10.7099	-0.0001996	-0.0017287	-0.0013549	-9.332E-05	-0.000808	-0.0006333	-0.0001843	-0.0015957	-0.0012507
3369	475294.83, 3849282.25	1.41169	11.8069	9.88065	-0.0001786	-0.0014937	-0.00125	-8.348E-05	-0.0006982	-0.0005843	-0.0001649	-0.0013788	-0.0011539
3370	475294.83, 3849307.25	1.28187	10.3375	9.10032	-0.0001622	-0.0013078	-0.0011513	-7.58E-05	-0.0006113	-0.0005381	-0.0001497	-0.0012072	-0.0010628
3371	475294.83, 3849332.25	1.17237	9.29617	8.42785	-0.0001483	-0.0011761	-0.0010662	-6.933E-05	-0.0005497	-0.0004984	-0.0001369	-0.0010856	-0.0009842
3372	475294.83, 3849357.25	1.08491	8.75474	7.85648	-0.0001373	-0.0011076	-0.000994	-6.416E-05	-0.0005177	-0.0004646	-0.0001267	-0.0010224	-0.0009175
3373	475294.83, 3849382.25	1.01165	8.28359	7.38475	-0.000128	-0.001048	-0.0009343	-5.982E-05	-0.0004898	-0.0004367	-0.0001181	-0.0009674	-0.0008624
3374	475319.83, 3849082.25	6.13164	40.3166	30.5441	-0.0007757	-0.0051006	-0.0038643	-0.0003626	-0.0023841	-0.0018062	-0.0007161	-0.0047083	-0.003567
3375	475319.83, 3849107.25	4.37746	32.3729	24.4632	-0.0005538	-0.0040956	-0.0030949	-0.0002589	-0.0019143	-0.0014466	-0.0005112	-0.0037806	-0.0028569
3376	475319.83, 3849132.25	3.44488	26.6288	20.3286	-0.0004358	-0.0033689	-0.0025718	-0.0002037	-0.0015747	-0.0012021	-0.0004023	-0.0031098	-0.002374
3377	475319.83, 3849157.25	2.86062	23.7677	17.0197	-0.0003619	-0.0030069	-0.0021532	-0.0001692	-0.0014055	-0.0010064	-0.0003341	-0.0027757	-0.0019876
3378	475319.83, 3849182.25	2.42047	21.1127	15.0028	-0.0003062	-0.002671	-0.0018981	-0.0001431	-0.0012485	-0.0008872	-0.0002827	-0.0024656	-0.0017521
3379	475319.83, 3849207.25	2.10743	18.6344	13.2862	-0.0002666	-0.0023575	-0.0016809	-0.0001246	-0.0011019	-0.0007857	-0.0002461	-0.0021762	-0.0015516
3380	475319.83, 3849232.25	1.88052	16.4597	12.341	-0.0002379	-0.0020824	-0.0015613	-0.0001112	-0.0009733	-0.0007298	-0.0002196	-0.0019222	-0.0014412
3381	475319.83, 3849257.25	1.69031	14.4456	11.3354	-0.0002138	-0.0018276	-0.0014341	-9.995E-05	-0.0008542	-0.0006703	-0.0001974	-0.001687	-0.0013238
3382	475319.83, 3849282.25	1.50318	12.4627	10.355	-0.0001902	-0.0015767	-0.00131	-8.889E-05	-0.000737	-0.0006123	-0.0001755	-0.0014554	-0.0012093
3383	475319.83, 3849307.25	1.35282	10.8425	9.4593	-0.0001712	-0.0013717	-0.0011967	-8E-05	-0.0006412	-0.0005594	-0.000158	-0.0012662	-0.0011047

3384	475319.83, 3849332.25	1.21579	9.55354	8.60917	-0.0001538	-0.0012087	-0.0010892	-7.189E-05	-0.0005649	-0.0005091	-0.000142	-0.0011157	-0.0010054
3385	475319.83, 3849357.25	1.11676	8.92804	7.9644	-0.0001413	-0.0011295	-0.0010076	-6.604E-05	-0.000528	-0.000471	-0.0001304	-0.0010426	-0.0009301
3386	475319.83, 3849382.25	1.04007	8.44414	7.47733	-0.0001316	-0.0010683	-0.000946	-6.15E-05	-0.0004993	-0.0004422	-0.0001215	-0.0009861	-0.0008732
3387	475344.83, 3849107.25	5.26889	36.7623	27.9615	-0.0006666	-0.0046509	-0.0035375	-0.0003116	-0.0021739	-0.0016535	-0.0006153	-0.0042932	-0.0032654
3388	475344.83, 3849132.25	3.87592	29.1198	21.8564	-0.0004904	-0.0036841	-0.0027651	-0.0002292	-0.001722	-0.0012925	-0.0004526	-0.0034007	-0.0025525
3389	475344.83, 3849157.25	3.17827	25.3738	18.7447	-0.0004021	-0.0032101	-0.0023715	-0.0001879	-0.0015005	-0.0011085	-0.0003712	-0.0029632	-0.0021891
3390	475344.83, 3849182.25	2.63783	22.3262	15.9717	-0.0003337	-0.0028246	-0.0020206	-0.000156	-0.0013202	-0.0009445	-0.0003081	-0.0026073	-0.0018652
3391	475344.83, 3849207.25	2.27113	19.601	14.1627	-0.0002873	-0.0024798	-0.0017918	-0.0001343	-0.0011591	-0.0008375	-0.0002652	-0.0022891	-0.001654
3392	475344.83, 3849232.25	2.02741	17.3926	13.0827	-0.0002565	-0.0022004	-0.0016551	-0.0001199	-0.0010285	-0.0007736	-0.0002368	-0.0020312	-0.0015278
3393	475344.83, 3849257.25	1.83851	15.4366	12.2803	-0.0002326	-0.0019529	-0.0015536	-0.0001087	-0.0009128	-0.0007262	-0.0002147	-0.0018027	-0.0014341
3394	475344.83, 3849282.25	1.64292	13.459	11.1897	-0.0002079	-0.0017027	-0.0014157	-9.715E-05	-0.0007959	-0.0006617	-0.0001919	-0.0015718	-0.0013068
3395	475344.83, 3849307.25	1.42604	11.3421	9.82624	-0.0001804	-0.0014349	-0.0012432	-8.433E-05	-0.0006707	-0.0005811	-0.0001665	-0.0013246	-0.0011475
3396	475344.83, 3849332.25	1.25824	9.78875	8.76874	-0.0001592	-0.0012384	-0.0011094	-7.44E-05	-0.0005788	-0.0005185	-0.0001469	-0.0011432	-0.001024
3397	475344.83, 3849357.25	1.14785	9.07803	8.05887	-0.0001452	-0.0011485	-0.0010196	-6.788E-05	-0.0005368	-0.0004766	-0.000134	-0.0010602	-0.0009411
3398	475344.83, 3849382.25	1.06692	8.57787	7.54524	-0.000135	-0.0010852	-0.0009546	-6.309E-05	-0.0005072	-0.0004462	-0.0001246	-0.0010017	-0.0008812
3399	475369.83, 3849107.25	6.28573	40.4761	31.0337	-0.0007952	-0.0051208	-0.0039262	-0.0003717	-0.0023935	-0.0018352	-0.0007341	-0.0047269	-0.0036242
3400	475369.83, 3849132.25	4.41845	31.7324	24.3194	-0.000559	-0.0040146	-0.0030767	-0.0002613	-0.0018765	-0.0014381	-0.000516	-0.0037058	-0.0028401
3401	475369.83, 3849157.25	3.47259	26.4421	19.6327	-0.0004393	-0.0033453	-0.0024838	-0.0002053	-0.0015636	-0.001161	-0.0004055	-0.003088	-0.0022928
3402	475369.83, 3849182.25	2.87023	23.4664	16.9286	-0.0003631	-0.0029688	-0.0021417	-0.0001697	-0.0013877	-0.0010011	-0.0003352	-0.0027405	-0.001977
3403	475369.83, 3849207.25	2.49048	20.8962	15.3225	-0.0003151	-0.0026437	-0.0019385	-0.0001473	-0.0012357	-0.0009061	-0.0002908	-0.0024403	-0.0017894
3404	475369.83, 3849232.25	2.24005	18.7771	14.2312	-0.0002834	-0.0023756	-0.0018004	-0.0001325	-0.0011104	-0.0008416	-0.0002616	-0.0021928	-0.001662
3405	475369.83, 3849257.25	2.01448	16.611	13.3864	-0.0002549	-0.0021015	-0.0016936	-0.0001191	-0.0009823	-0.0007916	-0.0002353	-0.0019399	-0.0015633
3406	475369.83, 3849282.25	1.76058	14.1888	11.8638	-0.0002227	-0.0017951	-0.0015009	-0.0001041	-0.000839	-0.0007016	-0.0002056	-0.001657	-0.0013855
3407	475369.83, 3849307.25	1.48404	11.6674	10.0548	-0.0001878	-0.0014761	-0.0012721	-8.776E-05	-0.0006899	-0.0005946	-0.0001733	-0.0013625	-0.0011742
3408	475369.83, 3849332.25	1.29678	10.0157	8.88208	-0.0001641	-0.0012671	-0.0011237	-7.668E-05	-0.0005923	-0.0005252	-0.0001514	-0.0011697	-0.0010373
3409	475369.83, 3849357.25	1.17876	9.20824	8.1258	-0.0001491	-0.001165	-0.001028	-6.97E-05	-0.0005445	-0.0004805	-0.0001377	-0.0010754	-0.000949
3410	475369.83, 3849382.25	1.09286	8.68999	7.59275	-0.0001383	-0.0010994	-0.0009606	-6.463E-05	-0.0005139	-0.000449	-0.0001276	-0.0010148	-0.0008867
3411	475369.83, 3849407.25	1.019	8.21632	7.20356	-0.0001289	-0.0010395	-0.0009113	-6.026E-05	-0.0004859	-0.000426	-0.000119	-0.0009595	-0.0008413
3412	475394.83, 3849132.25	5.16915	34.7806	27.8552	-0.000654	-0.0044002	-0.0035241	-0.0003057	-0.0020567	-0.0016472	-0.0006037	-0.0040618	-0.003253
3413	475394.83, 3849157.25	3.84656	27.7768	21.1854	-0.0004866	-0.0035142	-0.0026802	-0.0002275	-0.0016426	-0.0012528	-0.0004492	-0.0032439	-0.0024741
3414	475394.83, 3849182.25	3.11575	24.4658	18.2529	-0.0003942	-0.0030953	-0.0023092	-0.0001842	-0.0014468	-0.0010794	-0.0003639	-0.0028572	-0.0021316
3415	475394.83, 3849207.25	2.79619	22.7559	16.7524	-0.0003538	-0.0028789	-0.0021194	-0.0001654	-0.0013456	-0.0009906	-0.0003265	-0.0026575	-0.0019564
3416	475394.83, 3849232.25	2.46232	20.0117	15.215	-0.0003115	-0.0025318	-0.0019249	-0.0001456	-0.0011834	-0.0008997	-0.0002876	-0.002337	-0.0017768
3417	475394.83, 3849257.25	2.16308	17.2539	14.0002	-0.0002737	-0.0021829	-0.0017712	-0.0001279	-0.0010203	-0.0008279	-0.0002526	-0.002015	-0.001635
3418	475394.83, 3849282.25	1.87355	14.7871	12.623	-0.000237	-0.0018708	-0.001597	-0.0001108	-0.0008744	-0.0007464	-0.0002188	-0.0017269	-0.0014741
3419	475394.83, 3849307.25	1.53755	11.8982	10.4081	-0.0001945	-0.0015053	-0.0013168	-9.092E-05	-0.0007036	-0.0006155	-0.0001796	-0.0013895	-0.0012155
3420	475394.83, 3849332.25	1.3394	10.2712	9.01229	-0.0001695	-0.0012995	-0.0011402	-7.92E-05	-0.0006074	-0.0005329	-0.0001564	-0.0011995	-0.0010525
3421	475394.83, 3849357.25	1.21447	9.41402	8.21009	-0.0001536	-0.001191	-0.0010387	-7.182E-05	-0.0005567	-0.0004855	-0.0001418	-0.0010994	-0.0009588
3422	475394.83, 3849382.25	1.12202	8.81692	7.65402	-0.000142	-0.0011155	-0.0009683	-6.635E-05	-0.0005214	-0.0004526	-0.000131	-0.0010297	-0.0008939
3423	475394.83, 3849407.25	1.04245	8.31339	7.30945	-0.0001319	-0.0010518	-0.0009247	-6.164E-05	-0.0004916	-0.0004322	-0.0001217	-0.0009709	-0.0008536
3424	475419.83, 3849132.25	6.08659	37.6367	30.9597	-0.00077	-0.0047616	-0.0039168	-0.0003599	-0.0022256	-0.0018308	-0.0007108	-0.0043953	-0.0036156
3425	475419.83, 3849157.25	4.35194	29.6282	23.3656	-0.0005506	-0.0037484	-0.0029561	-0.0002573	-0.001752	-0.0013817	-0.0005082	-0.0034601	-0.0027287
3426	475419.83, 3849182.25	3.44941	25.8833	19.9344	-0.0004364	-0.0032746	-0.002522	-0.000204	-0.0015306	-0.0011788	-0.0004028	-0.0030227	-0.002328
3427	475419.83, 3849207.25	3.04449	23.719	18.2444	-0.0003852	-0.0030008	-0.0023082	-0.00018	-0.0014026	-0.0010789	-0.0003555	-0.00277	-0.0021306
3428	475419.83, 3849232.25	2.52601	19.2841	15.1942	-0.0003196	-0.0024397	-0.0019223	-0.0001494	-0.0011403	-0.0008985	-0.000295	-0.002252	-0.0017744
3429	475419.83, 3849257.25	2.20702	16.5493	13.7051	-0.0002792	-0.0020937	-0.0017339	-0.0001305	-0.0009786	-0.0008104	-0.0002577	-0.0019327	-0.0016005
3430	475419.83, 3849282.25	1.97055	15.187	12.9402	-0.0002493	-0.0019214	-0.0016371	-0.0001165	-0.0008981	-0.0007652	-0.0002301	-0.0017736	-0.0015112
3431	475419.83, 3849307.25	1.61855	12.3103	10.7315	-0.0002048	-0.0015574	-0.0013577	-9.571E-05	-0.000728	-0.0006346	-0.000189	-0.0014376	-0.0012533
3432	475419.83, 3849332.25	1.39813	10.6506	9.27851	-0.0001769	-0.0013474	-0.0011739	-8.268E-05	-0.0006298	-0.0005487	-0.0001633	-0.0012438	-0.0010836
3433	475419.83, 3849357.25	1.25552	9.66653	8.37346	-0.0001588	-0.0012229	-0.0010594	-7.424E-05	-0.0005716	-0.0004952	-0.0001466	-0.0011289	-0.0009779
3434	475419.83, 3849382.25	1.15084	8.93588	7.69861	-0.0001456	-0.0011305	-0.000974	-6.805E-05	-0.0005284	-0.0004553	-0.0001344	-0.0010436	-0.0008991
3435	475419.83, 3849407.25	1.06605	8.39199	7.31366	-0.0001349	-0.0010617	-0.0009253	-6.304E-05	-0.0004963	-0.0004325	-0.0001245	-0.00098	-0.0008541
3436	475444.83, 3849157.25	4.96723	31.7047	26.0808	-0.0006284	-0.0040111	-0.0032996	-0.0002937	-0.0018748	-0.0015423	-0.0005801	-0.0037026	-0.0030458
3437	475444.83, 3849182.25	3.87869	27.5455	21.7627	-0.0004907	-0.0034849	-0.0027533	-0.0002294	-0.0016289	-0.0012869	-0.000453	-0.0032168	-0.0025415
3438	475444.83, 3849207.25	3.21665	23.8395	18.6577	-0.000407	-0.003016	-0.0023605	-0.0001902	-0.0014097	-0.0011033	-0.0003756	-0.002784	-0.0021789
3439	475444.83, 3849232.25	2.61106	18.9382	15.6214	-0.0003303	-0.0023959	-0.0019763	-0.0001544	-0.0011199	-0.0009238	-0.0003049	-0.0022116	-0.0018243
3440	475444.83, 3849257.25	2.26461	16.8997	13.7223	-0.0002865	-0.002138	-0.0017361	-0.0001339	-0.0009993	-0.0008115	-0.0002645	-0.0019736	-0.0016025
3441	475444.83, 3849282.25	2.08855	15.7466	13.2759	-0.0002642	-0.0019922	-0.0016796	-0.0001235	-0.0009312	-0.0007851	-0.0002439	-0.0018389	-0.0015504
3442	475444.83, 3849307.25	1.82261	13.7942	11.8699	-0.0002306	-0.0017452	-0.0015017	-0.0001078	-0.0008157	-0.0007019	-0.0002128	-0.0016109	-0.0013862
3443	475444.83, 3849332.25	1.51559	11.4953	9.97213	-0.0001917	-0.0014543	-0.0012616	-8.962E-05	-0.0006798	-0.0005897	-0.000177	-0.0013424	-0.0011646
3444	475444.83, 3849357.25	1.31031	10.0245	8.59833	-0.0001658	-0.0012682	-0.0010878	-7.748E-05	-0.0005928	-0.0005085	-0.000153	-0.0011707	-0.0010041
3445	475444.83, 3849382.25	1.18143	9.10922	7.89433	-0.0001495	-0.0011524	-0.0009987	-6.986E-05	-0.0005387	-0.0004668	-0.000138	-0.0010638	-0.0009219
3446	475444.83, 3849407.25	1.0927	8.47342	7.33156	-0.0001382	-0.001072	-0.0009275	-6.462E-05	-0.0005011	-0.0004335	-0.0001276	-0.0009895	-0.0008562
3447	475444.83, 3849432.25	1.01608	7.97129	6.93385	-0.0001285	-0.0010085	-0.0008772	-6.008E-05	-0.0004714	-0.00041	-0.0001187	-0.0009309	-0.0008098
3448	475469.83, 3849157.25	5.76475	33.9826	28.9442	-0.0007293	-0.0042993	-0.0036618	-0.0003409	-0.0020095	-0.0017116	-0.0006732	-0.0039686	-0.0033802
3449	475469.83, 3849182.25	4.19751	27.9213	22.3847	-0.000531	-0.0035324	-0.002832	-0.0002482	-0.0016511	-0.0013237	-0.0004902	-0.0032607	-0.0026141
3450	475469.83, 3849207.25	3.23511	21.8589	18.2951	-0.0004093	-0.0027654	-0.0023146	-0.0001913	-0.0012926	-0.0010819	-0.0003778	-0.0025527	-0.0021366
3451	475469.83, 3849232.25	2.49545	17.9508	14.6966	-0.0003157	-0.002271	-0.0018593	-0.0001476	-0.0010615	-0.0008691	-0.0002914	-0.0020963	-0.0017163
3452	475469.83, 3849257.25	2.08621	15.5766	12.2909	-0.0002639	-0.0019707	-0.001555	-0.0001234	-0.0009211	-0.0007268	-0.0002436	-0.0018191	-0.0014354
3453	475469.83, 3849282.25	1.85013	14.0926	10.9619	-0.0002341	-0.0017829	-0.0013868	-0.0001094	-0.0008334	-0.0006482	-0.0002161	-0.0016458	-0.0012802
3454	475469.83, 3849307.25	1.88263	14.4222	11.8142	-0.0002382	-0.0018246	-0.0014947	-0.0001113	-0.0008528	-0.0006986	-0.0002199	-0.0016843	-0.0013797
3455	475469.83, 3849332.25	1.66066	12.583	10.7659	-0.0002101	-0.0015919	-0.001362	-9.82E-05	-0.0007441	-0.0006366	-0.0001939	-0.0014695	-0.0012573
3456	475469.83, 3849357.25	1.3835	10.5298	8.91545	-0.000175	-0.0013322	-0.0011279	-8.181E-05	-0.0006227	-0.0005272	-0.0001616	-0.0012297	-0.0010412
3457	475469.83, 3849382.25	1.22062	9.35113	7.94458	-0.0001544	-0.001183	-0.0010051	-7.218E-05	-0.000553	-0.0004698	-0.0001425	-0.001092	-0.0009278
3458	475469.83, 3849407.25	1.11837	8.60474	7.35725	-0.0001415	-0.0010886	-0.0009308	-6.613E-05	-0.0005088	-0.0004351	-0.0001306	-0.0010049	-0.0008592
3459	475469.83, 3849432.25	1.03719	7.99751	6.95622	-0.0001312	-0.0010118	-0.0008801	-6.133E-05	-0.0004729	-0.0004113	-0.0001211	-0.000934	-0.0008124
3460	475494.83, 3849157.25	6.30757	34.2874	30.1376	-0.000798	-0.0043378	-0.0038128	-0.000373	-0.0020276	-0.0017822	-0.0007366	-0.0040042	-0.0035195

3461	475494.83, 3849182.25	3.74694	22.0629	19.3396	-0.000474	-0.0027913	-0.0024467	-0.0002216	-0.0013047	-0.0011436	-0.0004376	-0.0025766	-0.0022585
3462	475494.83, 3849207.25	2.57701	17.5464	14.5996	-0.000326	-0.0022199	-0.0018471	-0.0001524	-0.0010376	-0.0008633	-0.000301	-0.0020491	-0.001705
3463	475494.83, 3849232.25	1.96195	15.4001	11.7229	-0.0002482	-0.0019483	-0.0014831	-0.000116	-0.0009107	-0.0006932	-0.0002291	-0.0017985	-0.001369
3464	475494.83, 3849257.25	1.68574	14.5121	10.533	-0.0002133	-0.001836	-0.0013326	-9.968E-05	-0.0008582	-0.0006229	-0.0001969	-0.0016948	-0.0012301
3465	475494.83, 3849282.25	1.66998	13.8655	10.2573	-0.0002113	-0.0017542	-0.0012977	-9.875E-05	-0.0008199	-0.0006066	-0.000195	-0.0016192	-0.0011979
3466	475494.83, 3849307.25	1.85963	14.2268	11.0968	-0.0002353	-0.0017999	-0.0014039	-0.00011	-0.0008413	-0.0006562	-0.0002172	-0.0016614	-0.0012959
3467	475494.83, 3849332.25	1.77514	13.5437	11.2398	-0.0002246	-0.0017135	-0.001422	-0.000105	-0.0008009	-0.0006647	-0.0002073	-0.0015817	-0.0013126
3468	475494.83, 3849357.25	1.49603	11.3628	9.58744	-0.0001893	-0.0014375	-0.0012129	-8.847E-05	-0.0006719	-0.0005669	-0.0001747	-0.001327	-0.0011196
3469	475494.83, 3849382.25	1.28447	9.79419	8.14915	-0.0001625	-0.0012391	-0.001031	-7.596E-05	-0.0005792	-0.0004819	-0.00015	-0.0011438	-0.0009517
3470	475494.83, 3849407.25	1.14428	8.74463	7.33781	-0.0001448	-0.0011063	-0.0009283	-6.767E-05	-0.0005171	-0.0004339	-0.0001336	-0.0010212	-0.0008569
3471	475494.83, 3849432.25	1.05475	8.05831	6.97664	-0.0001334	-0.0010195	-0.0008826	-6.237E-05	-0.0004765	-0.0004126	-0.0001232	-0.0009411	-0.0008148
3472	475519.83, 3849157.25	6.01131	32.2708	27.3187	-0.0007605	-0.0040827	-0.0034562	-0.0003555	-0.0019083	-0.0016155	-0.000702	-0.0037687	-0.0031903
3473	475519.83, 3849182.25	3.28156	18.5586	16.152	-0.0004152	-0.0023479	-0.0020435	-0.0001941	-0.0010974	-0.0009551	-0.0003832	-0.0021673	-0.0018863
3474	475519.83, 3849207.25	2.08124	13.5124	11.0451	-0.0002633	-0.0017095	-0.0013974	-0.0001231	-0.000799	-0.0006531	-0.0002431	-0.001578	-0.0012899
3475	475519.83, 3849232.25	1.63321	11.8986	9.24116	-0.0002066	-0.0015053	-0.0011691	-9.658E-05	-0.0007036	-0.0005465	-0.0001907	-0.0013895	-0.0010792
3476	475519.83, 3849257.25	1.50438	12.8085	9.58626	-0.0001903	-0.0016205	-0.0012128	-8.896E-05	-0.0007574	-0.0005669	-0.0001757	-0.0014958	-0.0011195
3477	475519.83, 3849282.25	1.66551	14.2955	10.2258	-0.0002107	-0.0018086	-0.0012937	-9.849E-05	-0.0008454	-0.0006047	-0.0001945	-0.0016695	-0.0011942
3478	475519.83, 3849307.25	1.79948	13.8395	10.5672	-0.0002277	-0.0017509	-0.0013369	-0.0001064	-0.0008184	-0.0006249	-0.0002101	-0.0016162	-0.0012341
3479	475519.83, 3849332.25	1.84355	14.1224	11.3988	-0.0002332	-0.0017867	-0.0014421	-0.000109	-0.0008351	-0.0006741	-0.0002153	-0.0016493	-0.0013312
3480	475519.83, 3849357.25	1.56027	11.8356	9.82245	-0.0001974	-0.0014974	-0.0012427	-9.227E-05	-0.0006999	-0.0005808	-0.0001822	-0.0013822	-0.0011471
3481	475519.83, 3849382.25	1.3236	10.0561	8.22943	-0.0001675	-0.0012722	-0.0010411	-7.827E-05	-0.0005947	-0.0004866	-0.0001546	-0.0011744	-0.0009611
3482	475519.83, 3849407.25	1.17614	8.93788	7.38475	-0.0001488	-0.0011308	-0.0009343	-6.955E-05	-0.0005285	-0.0004367	-0.0001374	-0.0010438	-0.0008624
3483	475519.83, 3849432.25	1.08524	8.23039	7.07563	-0.0001373	-0.0010413	-0.0008952	-6.417E-05	-0.0004867	-0.0004184	-0.0001267	-0.0009612	-0.0008263
3484	475544.83, 3849182.25	3.41167	18.6355	15.9873	-0.0004316	-0.0023576	-0.0020226	-0.0002017	-0.001102	-0.0009454	-0.0003984	-0.0021763	-0.001867
3485	475544.83, 3849207.25	2.20873	13.4501	11.3074	-0.0002794	-0.0017016	-0.0014305	-0.0001306	-0.0007954	-0.0006686	-0.0002579	-0.0015707	-0.0013205
3486	475544.83, 3849232.25	1.74397	11.9211	9.42231	-0.0002206	-0.0015082	-0.0011921	-0.0001031	-0.0007049	-0.0005572	-0.0002037	-0.0013922	-0.0011004
3487	475544.83, 3849257.25	1.56135	12.046	9.05181	-0.0001975	-0.001524	-0.0011452	-9.233E-05	-0.0007123	-0.0005353	-0.0001823	-0.0014068	-0.0010571
3488	475544.83, 3849282.25	1.66246	14.08	10.4446	-0.0002103	-0.0017813	-0.0013214	-9.831E-05	-0.0008326	-0.0006176	-0.0001941	-0.0016443	-0.0012197
3489	475544.83, 3849307.25	1.93789	14.778	11.0902	-0.0002452	-0.0018696	-0.0014031	-0.0001146	-0.0008739	-0.0006558	-0.0002263	-0.0017258	-0.0012951
3490	475544.83, 3849332.25	1.89475	14.4134	11.6479	-0.0002397	-0.0018235	-0.0014736	-0.000112	-0.0008523	-0.0006888	-0.0002213	-0.0016832	-0.0013603
3491	475544.83, 3849357.25	1.55635	11.7726	9.66257	-0.0001969	-0.0014894	-0.0012224	-9.203E-05	-0.0006962	-0.0005714	-0.0001818	-0.0013748	-0.0011284
3492	475544.83, 3849382.25	1.33256	10.0935	8.23678	-0.0001686	-0.001277	-0.0010421	-7.88E-05	-0.0005969	-0.0004871	-0.0001556	-0.0011787	-0.0009619
3493	475544.83, 3849407.25	1.20488	9.11716	7.46355	-0.0001524	-0.0011534	-0.0009442	-7.125E-05	-0.0005391	-0.0004414	-0.0001407	-0.0010647	-0.0008716
3494	475544.83, 3849432.25	1.11048	8.3672	7.08284	-0.0001405	-0.0010586	-0.0008961	-6.567E-05	-0.0004948	-0.0004188	-0.0001297	-0.0009771	-0.0008272
3495	475569.83, 3849182.25	4.59618	26.6158	20.4232	-0.0005815	-0.0033673	-0.0025838	-0.0002718	-0.0015739	-0.0012077	-0.0005368	-0.0031083	-0.0023851
3496	475569.83, 3849207.25	2.81871	16.1301	14.5541	-0.0003566	-0.0020407	-0.0018413	-0.0001667	-0.0009538	-0.0008606	-0.0003292	-0.0018837	-0.0016997
3497	475569.83, 3849232.25	2.12596	13.7908	11.4669	-0.000269	-0.0017447	-0.0014507	-0.0001257	-0.0008155	-0.0006781	-0.0002483	-0.0016105	-0.0013391
3498	475569.83, 3849257.25	1.92498	13.9617	10.7641	-0.0002435	-0.0017663	-0.0013618	-0.0001138	-0.0008256	-0.0006365	-0.0002248	-0.0016305	-0.0012571
3499	475569.83, 3849282.25	2.01218	15.2514	11.3539	-0.0002546	-0.0019295	-0.0014364	-0.000119	-0.0009019	-0.0006714	-0.000235	-0.0017811	-0.0013259
3500	475569.83, 3849307.25	2.14142	16.0357	12.1596	-0.0002709	-0.0020287	-0.0015384	-0.0001266	-0.0009483	-0.000719	-0.0002501	-0.0018727	-0.00142
3501	475569.83, 3849332.25	1.92857	14.5098	11.6464	-0.000244	-0.0018357	-0.0014734	-0.000114	-0.000858	-0.0006887	-0.0002252	-0.0016945	-0.0013601
3502	475569.83, 3849357.25	1.58674	11.9835	9.75644	-0.0002007	-0.0015161	-0.0012343	-9.383E-05	-0.0007086	-0.0005769	-0.0001853	-0.0013995	-0.0011394
3503	475569.83, 3849382.25	1.36906	10.3557	8.33669	-0.0001732	-0.0013101	-0.0010547	-8.096E-05	-0.0006124	-0.000493	-0.0001599	-0.0012094	-0.0009736
3504	475569.83, 3849407.25	1.23434	9.31367	7.5964	-0.0001562	-0.0011783	-0.000961	-7.299E-05	-0.0005508	-0.0004492	-0.0001441	-0.0010877	-0.0008871
3505	475569.83, 3849432.25	1.13248	8.4895	7.06397	-0.0001433	-0.001074	-0.0008937	-6.697E-05	-0.000502	-0.0004177	-0.0001323	-0.0009914	-0.0008249
3506	475594.83, 3849182.25	6.74802	34.8008	29.0984	-0.0008537	-0.0044028	-0.0036813	-0.000399	-0.0020579	-0.0017207	-0.0007881	-0.0040641	-0.0033982
3507	475594.83, 3849207.25	4.092	23.8053	19.7452	-0.0005177	-0.0030117	-0.002498	-0.000242	-0.0014077	-0.0011676	-0.0004779	-0.0027801	-0.0023059
3508	475594.83, 3849232.25	3.06956	18.4219	15.6362	-0.0003883	-0.0023306	-0.0019782	-0.0001815	-0.0010894	-0.0009246	-0.0003585	-0.0021514	-0.001826
3509	475594.83, 3849257.25	2.70495	17.8067	14.2109	-0.0003422	-0.0022528	-0.0017979	-0.00016	-0.001053	-0.0008403	-0.0003159	-0.0020795	-0.0016596
3510	475594.83, 3849282.25	2.50515	17.628	13.5662	-0.0003169	-0.0022302	-0.0017163	-0.0001481	-0.0010424	-0.0008022	-0.0002926	-0.0020586	-0.0015843
3511	475594.83, 3849307.25	2.30067	16.8981	13.0001	-0.0002911	-0.0021378	-0.0016447	-0.000136	-0.0009993	-0.0007687	-0.0002687	-0.0019734	-0.0015182
3512	475594.83, 3849332.25	1.93634	14.4019	11.4893	-0.000245	-0.001822	-0.0014535	-0.0001145	-0.0008516	-0.0006794	-0.0002261	-0.0016819	-0.0013417
3513	475594.83, 3849357.25	1.60358	12.0657	9.50064	-0.0002029	-0.0015265	-0.001202	-9.483E-05	-0.0007135	-0.0005618	-0.0001873	-0.0014091	-0.0011095
3514	475594.83, 3849382.25	1.39384	10.5253	8.30873	-0.0001763	-0.0013316	-0.0010512	-8.242E-05	-0.0006224	-0.0004913	-0.0001628	-0.0012292	-0.0009703
3515	475594.83, 3849407.25	1.26169	9.50338	7.62198	-0.0001596	-0.0012023	-0.0009643	-7.461E-05	-0.000562	-0.0004507	-0.0001473	-0.0011098	-0.0008901
3516	475594.83, 3849432.25	1.1586	8.65666	7.11704	-0.0001466	-0.0010952	-0.0009004	-6.851E-05	-0.0005119	-0.0004209	-0.0001353	-0.0010109	-0.0008311
3517	475594.83, 3849457.25	1.06695	7.87163	6.6748	-0.000135	-0.0009959	-0.0008445	-6.309E-05	-0.0004655	-0.0003947	-0.0001246	-0.0009193	-0.0007795
3518	475619.83, 3849182.25	7.84522	38.1217	32.0051	-0.0009925	-0.0048229	-0.0040491	-0.0004639	-0.0022543	-0.0018926	-0.0009162	-0.0044519	-0.0037376
3519	475619.83, 3849207.25	5.37801	29.8614	25.0798	-0.0006804	-0.0037779	-0.0031729	-0.000318	-0.0017658	-0.0014831	-0.0006281	-0.0034873	-0.0029289
3520	475619.83, 3849232.25	4.0677	23.4104	19.7185	-0.0005146	-0.0029617	-0.0024947	-0.0002405	-0.0013844	-0.001166	-0.000475	-0.0027339	-0.0023028
3521	475619.83, 3849257.25	3.31172	20.5853	17.1461	-0.000419	-0.0026043	-0.0021692	-0.0001958	-0.0012173	-0.0010139	-0.0003868	-0.002404	-0.0020024
3522	475619.83, 3849282.25	2.76958	18.699	15.2427	-0.0003504	-0.0023657	-0.0019284	-0.0001638	-0.0011057	-0.0009014	-0.0003234	-0.0021837	-0.0017801
3523	475619.83, 3849307.25	2.3488	16.698	13.2398	-0.0002972	-0.0021125	-0.001675	-0.0001389	-0.0009874	-0.0007829	-0.0002743	-0.00195	-0.0015462
3524	475619.83, 3849332.25	1.93639	14.1996	11.1629	-0.000245	-0.0017964	-0.0014123	-0.0001145	-0.0008397	-0.0006601	-0.0002261	-0.0016583	-0.0013036
3525	475619.83, 3849357.25	1.62437	12.134	9.48494	-0.0002055	-0.0015351	-0.0012	-9.606E-05	-0.0007175	-0.0005609	-0.0001897	-0.001417	-0.0011077
3526	475619.83, 3849382.25	1.42305	10.713	8.41093	-0.00018	-0.0013553	-0.0010641	-8.415E-05	-0.0006335	-0.0004974	-0.0001662	-0.0012511	-0.0009823
3527	475619.83, 3849407.25	1.29026	9.70348	7.74156	-0.0001632	-0.0012276	-0.0009794	-7.63E-05	-0.0005738	-0.0004578	-0.0001507	-0.0011332	-0.0009041
3528	475619.83, 3849432.25	1.18339	8.82402	7.32584	-0.0001497	-0.0011164	-0.0009268	-6.998E-05	-0.0005218	-0.0004332	-0.0001382	-0.0010305	-0.0008555
3529	475619.83, 3849457.25	1.08993	8.01156	6.71407	-0.0001379	-0.0010136	-0.0008494	-6.445E-05	-0.0004738	-0.000397	-0.0001273	-0.0009356	-0.0007841
3530	475644.83, 3849182.25	8.32675	38.6268	32.7756	-0.0010534	-0.0048868	-0.0041466	-0.0004924	-0.0022842	-0.0019382	-0.0009724	-0.0045109	-0.0038276
3531	475644.83, 3849207.25	5.57201	29.88	24.39	-0.0007049	-0.0037802	-0.0030857	-0.0003295	-0.0017669	-0.0014423	-0.0006507	-0.0034895	-0.0028483
3532	475644.83, 3849232.25	4.1756	24.0959	20.0089	-0.0005283	-0.0030485	-0.0025314	-0.0002469	-0.0014249	-0.0011832	-0.0004876	-0.002814	-0.0023367
3533	475644.83, 3849257.25	3.30759	19.3497	16.9597	-0.0004185	-0.002448	-0.0021456	-0.0001956	-0.0011442	-0.0010029	-0.0003863	-0.0022597	-0.0019806
3534	475644.83, 3849282.25	2.69325	17.1657	14.3384	-0.0003407	-0.0021717	-0.001814	-0.0001593	-0.0010151	-0.0008479	-0.0003145	-0.0020047	-0.0016745
3535	475644.83, 3849307.25	2.27031	15.5504	12.4445	-0.0002872	-0.0019673	-0.0015744	-0.0001343	-0.0009196	-0.0007359	-0.0002651	-0.001816	-0.0014533
3536	475644.83, 3849332.25	1.91322	13.7334	10.5569	-0.000242	-0.0017375	-0.0013356	-0.0001131	-0.0008121	-0.0006243	-0.0002234	-0.0016038	-0.0012329
3537	475644.83, 3849357.25	1.64706	12.155	9.37718	-0.0002084	-0.0015378	-0.0011863	-9.74E-05	-0.0007188	-0.0005545	-0.0001923	-0.0014195	-0.0010951

3538	475644.83, 3849382.25	1.45775	10.908	8.39519	-0.0001844	-0.00138	-0.0010621	-8.62E-05	-0.000645	-0.0004964	-0.0001702	-0.0012739	-0.0009804
3539	475644.83, 3849407.25	1.32042	9.90249	7.70807	-0.0001671	-0.0012528	-0.0009752	-7.808E-05	-0.0005856	-0.0004558	-0.0001542	-0.0011564	-0.0009002
3540	475644.83, 3849432.25	1.20744	8.9875	7.36121	-0.0001528	-0.001137	-0.0009313	-7.14E-05	-0.0005315	-0.0004353	-0.000141	-0.0010496	-0.0008597
3541	475644.83, 3849457.25	1.11167	8.1529	6.88205	-0.0001406	-0.0010315	-0.0008707	-6.574E-05	-0.0004821	-0.000407	-0.0001298	-0.0009521	-0.0008037
3542	475669.83, 3849182.25	8.99915	39.9881	33.7565	-0.0011385	-0.005059	-0.0042707	-0.0005322	-0.0023647	-0.0019962	-0.0010509	-0.0046699	-0.0039422
3543	475669.83, 3849207.25	5.63615	28.7126	23.7207	-0.0007131	-0.0036325	-0.003001	-0.0003333	-0.0016979	-0.0014027	-0.0006582	-0.0033531	-0.0027702
3544	475669.83, 3849232.25	4.11373	23.1753	19.4404	-0.0005204	-0.002932	-0.0024595	-0.0002433	-0.0013704	-0.0011496	-0.0004804	-0.0027065	-0.0022703
3545	475669.83, 3849257.25	3.24645	18.9427	15.9251	-0.0004107	-0.0023965	-0.0020147	-0.000192	-0.0011202	-0.0009417	-0.0003791	-0.0022122	-0.0018598
3546	475669.83, 3849282.25	2.67586	16.2638	14.1619	-0.0003385	-0.0020576	-0.0017917	-0.0001582	-0.0009617	-0.0008374	-0.0003125	-0.0018993	-0.0016539
3547	475669.83, 3849307.25	2.24788	14.8348	11.9586	-0.0002844	-0.0018768	-0.0015129	-0.0001329	-0.0008772	-0.0007072	-0.0002625	-0.0017325	-0.0013966
3548	475669.83, 3849332.25	1.93271	13.5048	10.55	-0.0002445	-0.0017085	-0.0013347	-0.0001143	-0.0007986	-0.0006239	-0.0002257	-0.0015771	-0.0012321
3549	475669.83, 3849357.25	1.68253	12.1999	9.3053	-0.0002129	-0.0015435	-0.0011772	-9.949E-05	-0.0007214	-0.0005503	-0.0001965	-0.0014247	-0.0010867
3550	475669.83, 3849382.25	1.49306	11.0561	8.59408	-0.0001889	-0.0013987	-0.0010873	-8.829E-05	-0.0006538	-0.0005082	-0.0001744	-0.0012912	-0.0010036
3551	475669.83, 3849407.25	1.35115	10.0765	7.77249	-0.0001709	-0.0012748	-0.0009833	-7.99E-05	-0.0005959	-0.0004596	-0.0001578	-0.0011768	-0.0009077
3552	475669.83, 3849432.25	1.23201	9.14436	7.38302	-0.0001559	-0.0011569	-0.0009341	-7.285E-05	-0.0005407	-0.0004366	-0.0001439	-0.0010679	-0.0008622
3553	475669.83, 3849457.25	1.13136	8.28262	6.85405	-0.0001431	-0.0010479	-0.0008671	-6.69E-05	-0.0004898	-0.0004053	-0.0001321	-0.0009673	-0.0008004
3554	475694.83, 3849207.25	6.09017	29.4977	24.8406	-0.0007705	-0.0037319	-0.0031427	-0.0003601	-0.0017443	-0.0014689	-0.0007112	-0.0034448	-0.0029009
3555	475694.83, 3849232.25	4.37361	24.1812	19.4195	-0.0005533	-0.0030593	-0.0024568	-0.0002586	-0.0014299	-0.0011484	-0.0005108	-0.0028239	-0.0022679
3556	475694.83, 3849257.25	3.38858	19.9191	16.3825	-0.0004287	-0.00252	-0.0020726	-0.0002004	-0.0011779	-0.0009688	-0.0003957	-0.0023262	-0.0019132
3557	475694.83, 3849282.25	2.76018	16.4279	13.9915	-0.0003492	-0.0020784	-0.0017701	-0.0001632	-0.0009714	-0.0008274	-0.0003223	-0.0019185	-0.001634
3558	475694.83, 3849307.25	2.30887	14.6198	12.257	-0.0002921	-0.0018496	-0.0015507	-0.0001365	-0.0008645	-0.0007248	-0.0002696	-0.0017073	-0.0014314
3559	475694.83, 3849332.25	1.97434	13.3494	10.6131	-0.0002498	-0.0016889	-0.0013427	-0.0001168	-0.0007894	-0.0006276	-0.0002306	-0.001559	-0.0012394
3560	475694.83, 3849357.25	1.72604	12.2214	9.4208	-0.0002184	-0.0015462	-0.0011919	-0.0001021	-0.0007227	-0.0005571	-0.0002016	-0.0014273	-0.0011002
3561	475694.83, 3849382.25	1.53431	11.183	8.58954	-0.0001941	-0.0014148	-0.0010867	-9.073E-05	-0.0006613	-0.0005079	-0.0001792	-0.001306	-0.0010031
3562	475694.83, 3849407.25	1.38151	10.2045	7.87928	-0.0001748	-0.001291	-0.0009968	-8.169E-05	-0.0006034	-0.0004659	-0.0001613	-0.0011917	-0.0009202
3563	475694.83, 3849432.25	1.2585	9.29248	7.30642	-0.0001592	-0.0011756	-0.0009244	-7.442E-05	-0.0005495	-0.0004321	-0.000147	-0.0010852	-0.0008533
3564	475694.83, 3849457.25	1.15459	8.4334	6.75797	-0.0001461	-0.0010669	-0.000855	-6.828E-05	-0.0004987	-0.0003996	-0.0001348	-0.0009849	-0.0007892
3565	475719.83, 3849207.25	6.57153	30.1955	26.0884	-0.0008314	-0.0038201	-0.0033005	-0.0003886	-0.0017856	-0.0015427	-0.0007674	-0.0035263	-0.0030467
3566	475719.83, 3849232.25	4.63799	24.9171	20.1325	-0.0005868	-0.0031524	-0.002547	-0.0002743	-0.0014734	-0.0011905	-0.0005416	-0.0029099	-0.0023511
3567	475719.83, 3849257.25	3.56532	20.8874	17.3828	-0.0004511	-0.0026425	-0.0021992	-0.0002108	-0.0012352	-0.0010279	-0.0004164	-0.0024393	-0.00203
3568	475719.83, 3849282.25	2.89081	17.4893	14.0202	-0.0003657	-0.0022126	-0.0017737	-0.0001709	-0.0010342	-0.0008291	-0.0003376	-0.0020424	-0.0016373
3569	475719.83, 3849307.25	2.40113	14.6597	12.3509	-0.0003038	-0.0018547	-0.0015626	-0.000142	-0.0008669	-0.0007304	-0.0002804	-0.001712	-0.0014424
3570	475719.83, 3849332.25	2.04356	13.2966	10.7875	-0.0002585	-0.0016822	-0.0013648	-0.0001208	-0.0007863	-0.0006379	-0.0002387	-0.0015528	-0.0012598
3571	475719.83, 3849357.25	1.77771	12.2152	9.74017	-0.0002249	-0.0015454	-0.0012323	-0.0001051	-0.0007223	-0.000576	-0.0002076	-0.0014265	-0.0011375
3572	475719.83, 3849382.25	1.57531	11.2349	8.69113	-0.0001993	-0.0014214	-0.0010995	-9.315E-05	-0.0006644	-0.0005139	-0.000184	-0.001312	-0.001015
3573	475719.83, 3849407.25	1.41649	10.3114	7.93739	-0.0001792	-0.0013045	-0.0010042	-8.376E-05	-0.0006098	-0.0004694	-0.0001654	-0.0012042	-0.0009269
3574	475719.83, 3849432.25	1.28781	9.42634	7.46756	-0.0001629	-0.0011926	-0.0009447	-7.615E-05	-0.0005574	-0.0004416	-0.0001504	-0.0011008	-0.0008721
3575	475719.83, 3849457.25	1.17841	8.57355	6.96879	-0.0001491	-0.0010847	-0.0008816	-6.968E-05	-0.000507	-0.0004121	-0.0001376	-0.0010012	-0.0008138
3576	475744.83, 3849207.25	7.14669	31.6962	27.5896	-0.0009042	-0.00401	-0.0034905	-0.0004226	-0.0018743	-0.0016315	-0.0008346	-0.0037016	-0.003222
3577	475744.83, 3849232.25	4.9303	25.5524	20.7921	-0.0006238	-0.0032327	-0.0026305	-0.0002915	-0.001511	-0.0012295	-0.0005758	-0.0029841	-0.0024282
3578	475744.83, 3849257.25	3.74655	21.6387	17.3438	-0.000474	-0.0027376	-0.0021942	-0.0002215	-0.0012796	-0.0010256	-0.0004375	-0.002527	-0.0020255
3579	475744.83, 3849282.25	3.01003	18.3045	14.6083	-0.0003808	-0.0023158	-0.0018481	-0.000178	-0.0010824	-0.0008638	-0.0003515	-0.0021376	-0.001706
3580	475744.83, 3849307.25	2.48096	15.2551	12.5253	-0.0003139	-0.00193	-0.0015846	-0.0001467	-0.0009021	-0.0007407	-0.0002897	-0.0017815	-0.0014627
3581	475744.83, 3849332.25	2.09473	13.2874	11.071	-0.000265	-0.001681	-0.0014006	-0.0001239	-0.0007857	-0.0006547	-0.0002446	-0.0015517	-0.0012929
3582	475744.83, 3849357.25	1.81411	12.1342	9.42996	-0.0002295	-0.0015351	-0.001193	-0.0001073	-0.0007175	-0.0005576	-0.0002119	-0.0014171	-0.0011013
3583	475744.83, 3849382.25	1.60359	11.1457	9.05177	-0.0002029	-0.0014101	-0.0011452	-9.483E-05	-0.0006591	-0.0005353	-0.0001873	-0.0013016	-0.0010571
3584	475744.83, 3849407.25	1.43988	10.2759	8.09031	-0.0001822	-0.0013	-0.0010235	-8.515E-05	-0.0006077	-0.0004784	-0.0001682	-0.0012	-0.0009448
3585	475744.83, 3849432.25	1.30643	9.4385	7.44886	-0.0001653	-0.0011941	-0.0009424	-7.725E-05	-0.0005581	-0.0004405	-0.0001526	-0.0011023	-0.0008699
3586	475744.83, 3849457.25	1.19373	8.62572	6.87975	-0.000151	-0.0010913	-0.0008704	-7.059E-05	-0.0005101	-0.0004068	-0.0001394	-0.0010073	-0.0008034
3587	475769.83, 3849207.25	7.73668	33.1639	28.8907	-0.0009788	-0.0041957	-0.0036551	-0.0004575	-0.0019611	-0.0017084	-0.0009035	-0.003873	-0.0033739
3588	475769.83, 3849232.25	5.25409	26.0728	21.1943	-0.0006647	-0.0032986	-0.0026814	-0.0003107	-0.0015418	-0.0012533	-0.0006136	-0.0030449	-0.0024751
3589	475769.83, 3849257.25	3.95969	22.344	17.5361	-0.000501	-0.0028268	-0.0022186	-0.0002342	-0.0013213	-0.001037	-0.0004624	-0.0026094	-0.0020479
3590	475769.83, 3849282.25	3.15745	19.1319	14.9183	-0.0003995	-0.0024204	-0.0018874	-0.0001867	-0.0011313	-0.0008822	-0.0003687	-0.0022343	-0.0017422
3591	475769.83, 3849307.25	2.57739	16.092	12.7127	-0.0003261	-0.0020359	-0.0016083	-0.0001524	-0.0009516	-0.0007518	-0.000301	-0.0018793	-0.0014846
3592	475769.83, 3849332.25	2.16905	13.5408	11.4088	-0.0002744	-0.0017131	-0.0014434	-0.0001283	-0.0008007	-0.0006747	-0.0002533	-0.0015813	-0.0013324
3593	475769.83, 3849357.25	1.86538	12.2472	9.71075	-0.000236	-0.0015494	-0.0012285	-0.0001103	-0.0007242	-0.0005742	-0.0002178	-0.0014303	-0.001134
3594	475769.83, 3849382.25	1.63961	11.2569	8.77101	-0.0002074	-0.0014241	-0.0011097	-9.696E-05	-0.0006657	-0.0005187	-0.0001915	-0.0013146	-0.0010243
3595	475769.83, 3849407.25	1.46886	10.403	8.16521	-0.0001858	-0.0013161	-0.001033	-8.686E-05	-0.0006152	-0.0004828	-0.0001715	-0.0012149	-0.0009536
3596	475769.83, 3849432.25	1.32856	9.564	7.57851	-0.0001681	-0.00121	-0.0009588	-7.856E-05	-0.0005656	-0.0004481	-0.0001552	-0.0011169	-0.000885
3597	475769.83, 3849457.25	1.21201	8.74995	7.0286	-0.0001533	-0.001107	-0.0008892	-7.167E-05	-0.0005174	-0.0004156	-0.0001415	-0.0010218	-0.0008208
3598	475769.83, 3849482.25	1.10983	8.16437	6.39968	-0.0001404	-0.0010329	-0.0008096	-6.563E-05	-0.0004828	-0.0003784	-0.0001296	-0.0009535	-0.0007474
3599	475794.83, 3849207.25	8.37716	34.8112	30.0923	-0.0010598	-0.0044041	-0.0038071	-0.0004954	-0.0020585	-0.0017795	-0.0009783	-0.0040653	-0.0035143
3600	475794.83, 3849232.25	5.58528	26.38	21.9757	-0.0007066	-0.0033374	-0.0027802	-0.0003303	-0.00156	-0.0012995	-0.0006523	-0.0030807	-0.0025664
3601	475794.83, 3849257.25	4.15326	22.7466	18.138	-0.0005254	-0.0028778	-0.0022947	-0.0002456	-0.0013451	-0.0010726	-0.000485	-0.0026564	-0.0021182
3602	475794.83, 3849282.25	3.26975	19.6012	14.9152	-0.0004137	-0.0024798	-0.001887	-0.0001934	-0.0011591	-0.000882	-0.0003819	-0.0022891	-0.0017418
3603	475794.83, 3849307.25	2.67176	16.8113	12.7251	-0.000338	-0.0021269	-0.0016099	-0.000158	-0.0009941	-0.0007525	-0.000312	-0.0019633	-0.0014861
3604	475794.83, 3849332.25	2.23831	14.2975	11.4593	-0.0002832	-0.0018088	-0.0014498	-0.0001324	-0.0008455	-0.0006776	-0.0002614	-0.0016697	-0.0013382
3605	475794.83, 3849357.25	1.92123	12.341	10.2936	-0.0002431	-0.0015613	-0.0013023	-0.0001136	-0.0007298	-0.0006087	-0.0002244	-0.0014412	-0.0012021
3606	475794.83, 3849382.25	1.68399	11.3656	8.79139	-0.000213	-0.0014379	-0.0011122	-9.958E-05	-0.0006721	-0.0005199	-0.0001967	-0.0013273	-0.0010267
3607	475794.83, 3849407.25	1.50087	10.5164	8.23078	-0.0001899	-0.0013305	-0.0010413	-8.875E-05	-0.0006219	-0.0004867	-0.0001753	-0.0012281	-0.0009612
3608	475794.83, 3849432.25	1.35277	9.71103	7.60627	-0.0001711	-0.0012286	-0.0009623	-7.999E-05	-0.0005743	-0.0004498	-0.000158	-0.0011341	-0.0008883
3609	475794.83, 3849457.25	1.23214	8.94964	7.17761	-0.0001559	-0.0011323	-0.0009081	-7.286E-05	-0.0005292	-0.0004244	-0.0001439	-0.0010452	-0.0008382
3610	475794.83, 3849482.25	1.12649	8.18533	6.65756	-0.0001425	-0.0010356	-0.0008423	-6.661E-05	-0.000484	-0.0003937	-0.0001316	-0.0009559	-0.0007775
3611	475819.83, 3849207.25	9.15574	37.0087	31.7924	-0.0011583	-0.0046821	-0.0040222	-0.0005414	-0.0021885	-0.00188	-0.0010692	-0.004322	-0.0037128
3612	475819.83, 3849232.25	5.97049	26.7834	22.8415	-0.0007553	-0.0033885	-0.0028898	-0.0003531	-0.0015838	-0.0013507	-0.0006972	-0.0031278	-0.0026675
3613	475819.83, 3849257.25	4.39852	23.2533	18.6814	-0.0005565	-0.0029419	-0.0023635	-0.0002601	-0.0013751	-0.0011047	-0.0005137	-0.0027156	-0.0021817
3614	475819.83, 3849282.25	3.43896	20.2561	15.3149	-0.0004351	-0.0025627	-0.0019375	-0.0002034	-0.0011978	-0.0009056	-0.0004016	-0.0023656	-0.0017885

3615	475819.83, 3849307.25	2.78585	17.5424	12.9251	-0.0003524	-0.0022193	-0.0016352	-0.0001647	-0.0010374	-0.0007643	-0.0003253	-0.0020486	-0.0015094
3616	475819.83, 3849332.25	2.33078	15.1359	11.6042	-0.0002949	-0.0019149	-0.0014681	-0.0001378	-0.000895	-0.0006862	-0.0002722	-0.0017676	-0.0013552
3617	475819.83, 3849357.25	1.99123	12.9043	10.467	-0.0002519	-0.0016326	-0.0013242	-0.0001177	-0.0007631	-0.000619	-0.0002325	-0.001507	-0.0012224
3618	475819.83, 3849382.25	1.73577	11.4787	9.2711	-0.0002196	-0.0014522	-0.0011729	-0.0001026	-0.0006788	-0.0005482	-0.0002027	-0.0013405	-0.0010827
3619	475819.83, 3849407.25	1.5409	10.6283	8.17369	-0.0001949	-0.0013446	-0.0010341	-9.112E-05	-0.0006285	-0.0004833	-0.00018	-0.0012412	-0.0009545
3620	475819.83, 3849432.25	1.38611	9.85992	7.69859	-0.0001754	-0.0012474	-0.000974	-8.197E-05	-0.0005831	-0.0004552	-0.0001619	-0.0011515	-0.0008991
3621	475819.83, 3849457.25	1.25926	9.1366	7.21573	-0.0001593	-0.0011559	-0.0009129	-7.447E-05	-0.0005403	-0.0004267	-0.0001471	-0.001067	-0.0008427
3622	475819.83, 3849482.25	1.15356	8.45416	6.71742	-0.0001459	-0.0010696	-0.0008498	-6.821E-05	-0.0004999	-0.0003972	-0.0001347	-0.0009873	-0.0007845
3623	475844.83, 3849207.25	10.1726	39.9334	33.9047	-0.001287	-0.0050521	-0.0042894	-0.0006015	-0.0023614	-0.0020049	-0.001188	-0.0046635	-0.0039595
3624	475844.83, 3849232.25	6.39415	27.9843	24.2242	-0.0008089	-0.0035404	-0.0030647	-0.0003781	-0.0016548	-0.0014325	-0.0007467	-0.0032681	-0.002829
3625	475844.83, 3849257.25	4.66372	23.7453	18.9369	-0.00059	-0.0030041	-0.0023958	-0.0002758	-0.0014042	-0.0011198	-0.0005446	-0.002773	-0.0022115
3626	475844.83, 3849282.25	3.61285	20.8223	15.6814	-0.0004571	-0.0026343	-0.0019839	-0.0002136	-0.0012313	-0.0009273	-0.0004219	-0.0024317	-0.0018313
3627	475844.83, 3849307.25	2.91688	18.2788	13.1457	-0.000369	-0.0023125	-0.0016631	-0.0001725	-0.0010809	-0.0007774	-0.0003406	-0.0021346	-0.0015352
3628	475844.83, 3849332.25	2.42281	15.8748	11.705	-0.0003065	-0.0020084	-0.0014808	-0.0001433	-0.0009387	-0.0006922	-0.0002829	-0.0018539	-0.0013669
3629	475844.83, 3849357.25	2.05547	13.5761	10.6085	-0.00026	-0.0017176	-0.0013421	-0.0001215	-0.0008028	-0.0006273	-0.00024	-0.0015855	-0.0012389
3630	475844.83, 3849382.25	1.7815	11.5207	9.39105	-0.0002254	-0.0014575	-0.0011881	-0.0001053	-0.0006813	-0.0005553	-0.000208	-0.0013454	-0.0010967
3631	475844.83, 3849407.25	1.5742	10.6333	8.39383	-0.0001992	-0.0013453	-0.0010619	-9.309E-05	-0.0006288	-0.0004964	-0.0001838	-0.0012418	-0.0009803
3632	475844.83, 3849432.25	1.41013	9.86984	7.66277	-0.0001784	-0.0012487	-0.0009694	-8.339E-05	-0.0005836	-0.0004531	-0.0001647	-0.0011526	-0.0008949
3633	475844.83, 3849457.25	1.27824	9.19363	7.14286	-0.0001617	-0.0011631	-0.0009037	-7.559E-05	-0.0005437	-0.0004224	-0.0001493	-0.0010737	-0.0008342
3634	475844.83, 3849482.25	1.16466	8.53642	6.56214	-0.0001473	-0.00108	-0.0008302	-6.887E-05	-0.0005048	-0.000388	-0.000136	-0.0009969	-0.0007663
3635	475869.83, 3849232.25	6.81406	29.2434	25.3948	-0.0008621	-0.0036997	-0.0032128	-0.0004029	-0.0017293	-0.0015017	-0.0007958	-0.0034151	-0.0029657
3636	475869.83, 3849257.25	4.89766	24.0181	19.5519	-0.0006196	-0.0030386	-0.0024736	-0.0002896	-0.0014203	-0.0011562	-0.000572	-0.0028049	-0.0022833
3637	475869.83, 3849282.25	3.76916	21.1919	16.1623	-0.0004769	-0.0026811	-0.0020448	-0.0002229	-0.0012532	-0.0009557	-0.0004402	-0.0024748	-0.0018875
3638	475869.83, 3849307.25	3.033	18.7971	13.4206	-0.0003837	-0.0023781	-0.0016979	-0.0001794	-0.0011115	-0.0007936	-0.0003542	-0.0021952	-0.0015673
3639	475869.83, 3849332.25	2.5086	16.438	11.7474	-0.0003174	-0.0020796	-0.0014862	-0.0001483	-0.000972	-0.0006947	-0.000293	-0.0019197	-0.0013719
3640	475869.83, 3849357.25	2.12285	14.1675	10.7393	-0.0002686	-0.0017924	-0.0013587	-0.0001255	-0.0008378	-0.0006351	-0.0002479	-0.0016545	-0.0012542
3641	475869.83, 3849382.25	1.82759	12.0441	9.52836	-0.0002312	-0.0015237	-0.0012055	-0.0001081	-0.0007122	-0.0005635	-0.0002134	-0.0014065	-0.0011127
3642	475869.83, 3849407.25	1.60043	10.5497	8.54421	-0.0002025	-0.0013347	-0.001081	-9.464E-05	-0.0006238	-0.0005053	-0.0001869	-0.001232	-0.0009978
3643	475869.83, 3849432.25	1.4345	9.83753	7.79983	-0.0001815	-0.0012446	-0.0009868	-8.483E-05	-0.0005817	-0.0004612	-0.0001675	-0.0011489	-0.0009109
3644	475869.83, 3849457.25	1.28991	9.14503	7.1848	-0.0001632	-0.001157	-0.000909	-7.628E-05	-0.0005408	-0.0004249	-0.0001506	-0.001068	-0.0008391
3645	475869.83, 3849482.25	1.17262	8.5432	6.60279	-0.0001484	-0.0010808	-0.0008353	-6.934E-05	-0.0005052	-0.0003904	-0.0001369	-0.0009977	-0.0007711
3646	475894.83, 3849232.25	7.3217	30.8127	26.2855	-0.0009263	-0.0038982	-0.0033255	-0.000433	-0.0018221	-0.0015544	-0.000855	-0.0035984	-0.0030697
3647	475894.83, 3849257.25	5.1887	24.5595	19.9929	-0.0006564	-0.0031071	-0.0025294	-0.0003068	-0.0014523	-0.0011823	-0.000606	-0.0028681	-0.0023348
3648	475894.83, 3849282.25	3.961	21.717	16.7029	-0.0005011	-0.0027475	-0.0021131	-0.0002342	-0.0012842	-0.0009877	-0.0004626	-0.0025362	-0.0019506
3649	475894.83, 3849307.25	3.17148	19.3481	14.1283	-0.0004012	-0.0024478	-0.0017874	-0.0001875	-0.0011441	-0.0008355	-0.0003704	-0.0022595	-0.0016499
3650	475894.83, 3849332.25	2.5979	16.877	11.7792	-0.0003287	-0.0021352	-0.0014902	-0.0001536	-0.000998	-0.0006965	-0.0003034	-0.0019709	-0.0013756
3651	475894.83, 3849357.25	2.18075	14.5656	10.6373	-0.0002759	-0.0018427	-0.0013458	-0.000129	-0.0008613	-0.000629	-0.0002547	-0.001701	-0.0012423
3652	475894.83, 3849382.25	1.87199	12.4874	9.69194	-0.0002368	-0.0015798	-0.0012262	-0.0001107	-0.0007384	-0.0005731	-0.0002186	-0.0014583	-0.0011319
3653	475894.83, 3849407.25	1.63979	10.6771	8.71679	-0.0002075	-0.0013508	-0.0011028	-9.697E-05	-0.0006314	-0.0005155	-0.0001915	-0.0012469	-0.001018
3654	475894.83, 3849432.25	1.46355	9.81426	7.9746	-0.0001852	-0.0012416	-0.0010089	-8.655E-05	-0.0005804	-0.0004716	-0.0001709	-0.0011461	-0.0009313
3655	475894.83, 3849457.25	1.31679	9.17948	7.24171	-0.0001666	-0.0011613	-0.0009162	-7.787E-05	-0.0005428	-0.0004282	-0.0001538	-0.001072	-0.0008457
3656	475894.83, 3849482.25	1.20142	8.66805	6.84447	-0.000152	-0.0010966	-0.0008659	-7.104E-05	-0.0005126	-0.0004047	-0.0001403	-0.0010123	-0.0007993
3657	475919.83, 3849232.25	7.87985	32.3787	28.0948	-0.0009969	-0.0040964	-0.0035544	-0.000466	-0.0019147	-0.0016614	-0.0009202	-0.0037813	-0.003281
3658	475919.83, 3849257.25	5.51622	25.2737	21.459	-0.0006979	-0.0031975	-0.0027149	-0.0003262	-0.0014945	-0.001269	-0.0006442	-0.0029515	-0.002506
3659	475919.83, 3849282.25	4.15834	22.2079	17.1525	-0.0005261	-0.0028096	-0.00217	-0.0002459	-0.0013132	-0.0010143	-0.0004856	-0.0025935	-0.0020031
3660	475919.83, 3849307.25	3.30816	19.7148	14.3387	-0.0004185	-0.0024942	-0.001814	-0.0001956	-0.0011658	-0.0008479	-0.0003863	-0.0023023	-0.0016745
3661	475919.83, 3849332.25	2.69862	17.2376	12.3732	-0.0003414	-0.0021808	-0.0015654	-0.0001596	-0.0010193	-0.0007317	-0.0003152	-0.0020131	-0.001445
3662	475919.83, 3849357.25	2.25357	14.9705	10.6225	-0.0002851	-0.001894	-0.0013439	-0.0001333	-0.0008853	-0.0006282	-0.0002632	-0.0017483	-0.0012405
3663	475919.83, 3849382.25	1.92251	12.9188	9.79805	-0.0002432	-0.0016344	-0.0012396	-0.0001137	-0.0007639	-0.0005794	-0.0002245	-0.0015087	-0.0011442
3664	475919.83, 3849407.25	1.67245	11.1007	9.07246	-0.0002116	-0.0014044	-0.0011478	-9.89E-05	-0.0006564	-0.0005365	-0.0001953	-0.0012964	-0.0010595
3665	475919.83, 3849432.25	1.48193	9.7045	8.0655	-0.0001875	-0.0012278	-0.0010204	-8.763E-05	-0.0005739	-0.0004769	-0.0001731	-0.0011333	-0.0009419
3666	475919.83, 3849457.25	1.33094	9.09346	7.34101	-0.0001684	-0.0011504	-0.0009287	-7.87E-05	-0.0005377	-0.0004341	-0.0001554	-0.001062	-0.0008573
3667	475919.83, 3849482.25	1.20784	8.57642	6.93258	-0.0001528	-0.001085	-0.0008771	-7.142E-05	-0.0005072	-0.00041	-0.0001411	-0.0010016	-0.0008096
3668	475944.83, 3849232.25	8.58712	34.2378	30.2066	-0.0010864	-0.0043316	-0.0038215	-0.0005078	-0.0020246	-0.0017862	-0.0010028	-0.0039984	-0.0035276
3669	475944.83, 3849257.25	5.88424	26.0946	22.5339	-0.0007444	-0.0033013	-0.0028508	-0.000348	-0.0015431	-0.0013325	-0.0006872	-0.0030474	-0.0026316
3670	475944.83, 3849282.25	4.36423	22.5716	17.61	-0.0005521	-0.0028556	-0.0022279	-0.0002581	-0.0013347	-0.0010414	-0.0005097	-0.002636	-0.0020565
3671	475944.83, 3849307.25	3.43222	19.7751	14.464	-0.0004342	-0.0025018	-0.0018299	-0.000203	-0.0011694	-0.0008553	-0.0004008	-0.0023094	-0.0016891
3672	475944.83, 3849332.25	2.78743	17.3866	12.5046	-0.0003526	-0.0021996	-0.001582	-0.0001648	-0.0010281	-0.0007395	-0.0003255	-0.0020305	-0.0014603
3673	475944.83, 3849357.25	2.31778	15.2476	10.8135	-0.0002932	-0.001929	-0.001368	-0.0001371	-0.0009016	-0.0006394	-0.0002707	-0.0017806	-0.0012628
3674	475944.83, 3849382.25	1.97037	13.282	9.75186	-0.0002493	-0.0016804	-0.0012337	-0.0001165	-0.0007854	-0.0005767	-0.0002301	-0.0015511	-0.0011388
3675	475944.83, 3849407.25	1.70923	11.5163	8.92266	-0.0002162	-0.001457	-0.0011288	-0.0001011	-0.000681	-0.0005276	-0.0001996	-0.0013449	-0.001042
3676	475944.83, 3849432.25	1.51073	10.0146	8.22882	-0.0001911	-0.001267	-0.0010411	-8.934E-05	-0.0005922	-0.0004866	-0.0001764	-0.0011695	-0.000961
3677	475944.83, 3849457.25	1.3623	9.11216	7.49131	-0.0001723	-0.0011528	-0.0009478	-8.056E-05	-0.0005388	-0.000443	-0.0001591	-0.0010641	-0.0008749
3678	475944.83, 3849482.25	1.22365	8.51778	6.90444	-0.0001548	-0.0010776	-0.0008735	-7.236E-05	-0.0005037	-0.0004083	-0.0001429	-0.0009947	-0.0008063
3679	475969.83, 3849232.25	9.34439	35.8954	31.8786	-0.0011822	-0.0045413	-0.0040331	-0.0005526	-0.0021226	-0.0018851	-0.0010913	-0.004192	-0.0037229
3680	475969.83, 3849257.25	6.21865	26.4177	23.0847	-0.0007867	-0.0033422	-0.0029205	-0.0003677	-0.0015622	-0.0013651	-0.0007262	-0.0030851	-0.0026959
3681	475969.83, 3849282.25	4.56783	22.5664	18.1341	-0.0005779	-0.002855	-0.0022942	-0.0002701	-0.0013344	-0.0010723	-0.0005334	-0.0026354	-0.0021177
3682	475969.83, 3849307.25	3.56321	19.7573	14.6455	-0.0004508	-0.0024996	-0.0018529	-0.0002107	-0.0011683	-0.000866	-0.0004161	-0.0023073	-0.0017103
3683	475969.83, 3849332.25	2.87843	17.5242	12.4014	-0.0003642	-0.002217	-0.0015689	-0.0001702	-0.0010363	-0.0007333	-0.0003362	-0.0020465	-0.0014483
3684	475969.83, 3849357.25	2.38551	15.5037	10.7844	-0.0003018	-0.0019614	-0.0013644	-0.0001411	-0.0009168	-0.0006377	-0.0002786	-0.0018106	-0.0012594
3685	475969.83, 3849382.25	2.0241	13.6214	9.76145	-0.0002561	-0.0017233	-0.001235	-0.0001197	-0.0008055	-0.0005772	-0.0002364	-0.0015907	-0.00114
3686	475969.83, 3849407.25	1.75639	11.949	8.99565	-0.0002222	-0.0015117	-0.0011381	-0.0001039	-0.0007066	-0.0005319	-0.0002051	-0.0013954	-0.0010505
3687	475969.83, 3849432.25	1.5618	10.5853	8.35013	-0.0001976	-0.0013392	-0.0010564	-9.236E-05	-0.000626	-0.0004938	-0.0001824	-0.0012362	-0.0009752
3688	475969.83, 3849457.25	1.38135	9.20575	7.685	-0.0001748	-0.0011647	-0.0009723	-8.168E-05	-0.0005444	-0.0004544	-0.0001613	-0.0010751	-0.0008975
3689	475969.83, 3849482.25	1.23668	8.40596	6.86868	-0.0001565	-0.0010635	-0.000869	-7.313E-05	-0.0004971	-0.0004062	-0.0001444	-0.0009817	-0.0008021
3690	475969.83, 3849507.25	1.12065	7.86453	6.48756	-0.0001418	-0.000995	-0.0008208	-6.627E-05	-0.0004651	-0.0003836	-0.0001309	-0.0009184	-0.0007576
3691	475994.83, 3849232.25	9.96085	36.6208	32.5312	-0.0012602	-0.004633	-0.0041156	-0.000589	-0.0021655	-0.0019237	-0.0011633	-0.0042767	-0.0037991

3692	475994.83, 3849257.25	6.48888	26.6297	23.9019	-0.0008209	-0.003369	-0.0030239	-0.0003837	-0.0015747	-0.0014134	-0.0007578	-0.0031099	-0.0027913
3693	475994.83, 3849282.25	4.76436	22.363	18.7693	-0.0006028	-0.0028292	-0.0023746	-0.0002817	-0.0013224	-0.0011099	-0.0005564	-0.0026116	-0.0021919
3694	475994.83, 3849307.25	3.68375	19.7188	15.0241	-0.000466	-0.0024947	-0.0019008	-0.0002178	-0.0011661	-0.0008884	-0.0004302	-0.0023028	-0.0017546
3695	475994.83, 3849332.25	2.97363	17.6735	12.8082	-0.0003762	-0.0022359	-0.0016204	-0.0001758	-0.0010451	-0.0007574	-0.0003473	-0.002064	-0.0014958
3696	475994.83, 3849357.25	2.45922	15.7298	11.0307	-0.0003111	-0.00199	-0.0013955	-0.0001454	-0.0009302	-0.0006523	-0.0002872	-0.001837	-0.0012882
3697	475994.83, 3849382.25	2.08371	13.9195	9.91514	-0.0002636	-0.001761	-0.0012544	-0.0001232	-0.0008231	-0.0005863	-0.0002433	-0.0016256	-0.0011579
3698	475994.83, 3849407.25	1.803	12.3077	9.10929	-0.0002281	-0.0015571	-0.0011525	-0.0001066	-0.0007278	-0.0005387	-0.0002106	-0.0014373	-0.0010638
3699	475994.83, 3849432.25	1.58159	10.8673	8.36312	-0.0002001	-0.0013749	-0.001058	-9.353E-05	-0.0006426	-0.0004945	-0.0001847	-0.0012691	-0.0009767
3700	475994.83, 3849457.25	1.39941	9.55068	7.53312	-0.000177	-0.0012083	-0.000953	-8.275E-05	-0.0005648	-0.0004455	-0.0001634	-0.0011154	-0.0008797
3701	475994.83, 3849482.25	1.25375	8.38678	7.10347	-0.0001586	-0.001061	-0.0008987	-7.414E-05	-0.0004959	-0.0004201	-0.0001464	-0.0009794	-0.0008296
3702	475994.83, 3849507.25	1.13483	7.75147	6.54869	-0.0001436	-0.0009807	-0.0008285	-6.711E-05	-0.0004584	-0.0003873	-0.0001325	-0.0009052	-0.0007648
3703	476019.83, 3849257.25	6.60978	26.2687	23.9821	-0.0008362	-0.0033233	-0.0030341	-0.0003909	-0.0015534	-0.0014182	-0.0007719	-0.0030677	-0.0028007
3704	476019.83, 3849282.25	4.89802	22.0353	19.0518	-0.0006197	-0.0027878	-0.0024103	-0.0002896	-0.001303	-0.0011266	-0.000572	-0.0025733	-0.0022249
3705	476019.83, 3849307.25	3.79064	19.636	15.6358	-0.0004796	-0.0024842	-0.0019781	-0.0002242	-0.0011612	-0.0009246	-0.0004427	-0.0022931	-0.001826
3706	476019.83, 3849332.25	3.05599	17.7008	13.0644	-0.0003866	-0.0022394	-0.0016528	-0.0001807	-0.0010467	-0.0007726	-0.0003569	-0.0020671	-0.0015257
3707	476019.83, 3849357.25	2.52996	15.8578	11.3282	-0.0003201	-0.0020062	-0.0014332	-0.0001496	-0.0009377	-0.0006699	-0.0002955	-0.0018519	-0.0013229
3708	476019.83, 3849382.25	2.14452	14.1443	9.96329	-0.0002713	-0.0017895	-0.0012605	-0.0001268	-0.0008364	-0.0005892	-0.0002504	-0.0016518	-0.0011635
3709	476019.83, 3849407.25	1.85161	12.6138	9.14468	-0.0002343	-0.0015958	-0.0011569	-0.0001095	-0.0007459	-0.0005408	-0.0002162	-0.0014731	-0.0010679
3710	476019.83, 3849432.25	1.61635	11.2141	8.44811	-0.0002045	-0.0014187	-0.0010688	-9.558E-05	-0.0006631	-0.0004996	-0.0001888	-0.0013096	-0.0009866
3711	476019.83, 3849457.25	1.42334	9.9064	7.51702	-0.0001801	-0.0012533	-0.000951	-8.417E-05	-0.0005858	-0.0004445	-0.0001662	-0.0011569	-0.0008779
3712	476019.83, 3849482.25	1.27114	8.72597	7.13111	-0.0001608	-0.001104	-0.0009022	-7.517E-05	-0.000516	-0.0004217	-0.0001484	-0.001019	-0.0008328
3713	476019.83, 3849507.25	1.14804	7.63724	6.6159	-0.0001452	-0.0009662	-0.000837	-6.789E-05	-0.0004516	-0.0003912	-0.0001341	-0.0008919	-0.0007726
3714	476044.83, 3849257.25	6.88539	27.1138	24.4489	-0.0008711	-0.0034303	-0.0030931	-0.0004072	-0.0016034	-0.0014458	-0.0008041	-0.0031664	-0.0028552
3715	476044.83, 3849282.25	5.00093	21.7748	19.1451	-0.0006327	-0.0027548	-0.0024221	-0.0002957	-0.0012876	-0.0011321	-0.000584	-0.0025429	-0.0022358
3716	476044.83, 3849307.25	3.88899	19.5568	15.8062	-0.000492	-0.0024742	-0.0019997	-0.00023	-0.0011565	-0.0009347	-0.0004542	-0.0022839	-0.0018459
3717	476044.83, 3849332.25	3.14336	17.7297	13.3285	-0.0003977	-0.0022431	-0.0016862	-0.0001859	-0.0010484	-0.0007882	-0.0003671	-0.0020705	-0.0015565
3718	476044.83, 3849357.25	2.60612	15.956	11.6225	-0.0003297	-0.0020186	-0.0014704	-0.0001541	-0.0009435	-0.0006873	-0.0003043	-0.0018634	-0.0013573
3719	476044.83, 3849382.25	2.20652	14.311	10.1628	-0.0002792	-0.0018105	-0.0012857	-0.0001305	-0.0008463	-0.000601	-0.0002577	-0.0016713	-0.0011868
3720	476044.83, 3849407.25	1.89931	12.8618	9.20855	-0.0002403	-0.0016272	-0.001165	-0.0001123	-0.0007606	-0.0005445	-0.0002218	-0.001502	-0.0010754
3721	476044.83, 3849432.25	1.6524	11.5307	8.41657	-0.0002091	-0.0014588	-0.0010648	-9.771E-05	-0.0006819	-0.0004977	-0.000193	-0.0013466	-0.0009829
3722	476044.83, 3849457.25	1.44783	10.2316	7.50124	-0.0001832	-0.0012944	-0.000949	-8.562E-05	-0.000605	-0.0004436	-0.0001691	-0.0011949	-0.000876
3723	476044.83, 3849482.25	1.28914	9.03641	6.96189	-0.0001631	-0.0011432	-0.0008808	-7.623E-05	-0.0005344	-0.0004117	-0.0001505	-0.0010553	-0.000813
3724	476044.83, 3849507.25	1.16156	7.90314	6.53801	-0.000147	-0.0009999	-0.0008271	-6.869E-05	-0.0004673	-0.0003866	-0.0001357	-0.0009229	-0.0007635
3725	476069.83, 3849257.25	7.33503	28.5677	25.4549	-0.000928	-0.0036142	-0.0032204	-0.0004338	-0.0016893	-0.0015052	-0.0008566	-0.0033362	-0.0029727
3726	476069.83, 3849282.25	5.25191	22.1843	19.7777	-0.0006644	-0.0028066	-0.0025021	-0.0003106	-0.0013118	-0.0011695	-0.0006133	-0.0025907	-0.0023097
3727	476069.83, 3849307.25	4.0119	19.6274	15.9342	-0.0005076	-0.0024831	-0.0020159	-0.0002372	-0.0011606	-0.0009423	-0.0004685	-0.0022921	-0.0018608
3728	476069.83, 3849332.25	3.22633	17.6986	13.7424	-0.0004082	-0.0022391	-0.0017386	-0.0001908	-0.0010466	-0.0008126	-0.0003768	-0.0020669	-0.0016049
3729	476069.83, 3849357.25	2.67529	15.9502	11.8701	-0.0003385	-0.0020179	-0.0015017	-0.0001582	-0.0009432	-0.0007019	-0.0003124	-0.0018627	-0.0013862
3730	476069.83, 3849382.25	2.26106	14.3809	10.4184	-0.0002861	-0.0018194	-0.0013181	-0.0001337	-0.0008504	-0.0006161	-0.0002641	-0.0016794	-0.0012167
3731	476069.83, 3849407.25	1.93802	13.0153	9.26845	-0.0002452	-0.0016466	-0.0011726	-0.0001146	-0.0007696	-0.0005481	-0.0002263	-0.00152	-0.0010824
3732	476069.83, 3849432.25	1.68323	11.7764	8.25914	-0.000213	-0.0014899	-0.0010449	-9.954E-05	-0.0006964	-0.0004884	-0.0001966	-0.0013753	-0.0009645
3733	476069.83, 3849457.25	1.47262	10.5153	7.43736	-0.0001863	-0.0013303	-0.0009409	-8.708E-05	-0.0006218	-0.0004398	-0.000172	-0.001228	-0.0008686
3734	476069.83, 3849482.25	1.30709	9.29485	6.92567	-0.0001654	-0.0011759	-0.0008762	-7.729E-05	-0.0005496	-0.0004095	-0.0001526	-0.0010855	-0.0008088
3735	476069.83, 3849507.25	1.17434	8.11022	6.57159	-0.0001486	-0.0010261	-0.0008314	-6.944E-05	-0.0004796	-0.0003886	-0.0001371	-0.0009471	-0.0007674
3736	476094.83, 3849257.25	7.88605	30.5292	26.6713	-0.0009977	-0.0038624	-0.0033743	-0.0004663	-0.0018053	-0.0015772	-0.000921	-0.0035653	-0.0031147
3737	476094.83, 3849282.25	5.56048	22.9438	20.6493	-0.0007035	-0.0029027	-0.0026124	-0.0003288	-0.0013568	-0.0012211	-0.0006494	-0.0026794	-0.0024115
3738	476094.83, 3849307.25	4.18059	19.9171	16.2572	-0.0005289	-0.0025198	-0.0020568	-0.0002472	-0.0011778	-0.0009614	-0.0004882	-0.002326	-0.0018986
3739	476094.83, 3849332.25	3.31803	17.6639	14.158	-0.0004198	-0.0022347	-0.0017912	-0.0001962	-0.0010445	-0.0008372	-0.0003875	-0.0020628	-0.0016534
3740	476094.83, 3849357.25	2.7351	15.8436	12.1484	-0.000346	-0.0020044	-0.0015369	-0.0001617	-0.0009369	-0.0007184	-0.0003194	-0.0018503	-0.0014187
3741	476094.83, 3849382.25	2.30291	14.3508	10.5865	-0.0002913	-0.0018156	-0.0013393	-0.0001362	-0.0008486	-0.000626	-0.0002689	-0.0016759	-0.0012363
3742	476094.83, 3849407.25	1.96729	13.0887	9.2609	-0.0002489	-0.0016559	-0.0011716	-0.0001163	-0.000774	-0.0005476	-0.0002297	-0.0015285	-0.0010815
3743	476094.83, 3849432.25	1.70691	11.9322	8.56438	-0.0002159	-0.0015096	-0.0010835	-0.0001009	-0.0007056	-0.0005064	-0.0001993	-0.0013935	-0.0010002
3744	476094.83, 3849457.25	1.49263	10.7002	7.47201	-0.0001888	-0.0013537	-0.0009453	-8.827E-05	-0.0006327	-0.0004419	-0.0001743	-0.0012496	-0.0008726
3745	476094.83, 3849482.25	1.3232	9.46181	6.91613	-0.0001674	-0.001197	-0.000875	-7.825E-05	-0.0005595	-0.000409	-0.0001545	-0.001105	-0.0008077
3746	476094.83, 3849507.25	1.18719	8.24025	6.54118	-0.0001502	-0.0010425	-0.0008275	-7.02E-05	-0.0004873	-0.0003868	-0.0001386	-0.0009623	-0.0007639
3747	476119.83, 3849257.25	8.46352	32.5635	27.7276	-0.0010708	-0.0041197	-0.0035079	-0.0005005	-0.0019256	-0.0016396	-0.0009884	-0.0038029	-0.0032381
3748	476119.83, 3849282.25	5.85246	24.0141	21.3753	-0.0007404	-0.0030381	-0.0027043	-0.0003461	-0.0014201	-0.001264	-0.0006835	-0.0028044	-0.0024963
3749	476119.83, 3849307.25	4.35497	20.2058	16.6762	-0.000551	-0.0025563	-0.0021098	-0.0002575	-0.0011948	-0.0009861	-0.0005086	-0.0023597	-0.0019475
3750	476119.83, 3849332.25	3.44007	17.7597	14.4467	-0.0004352	-0.0022468	-0.0018277	-0.0002034	-0.0010502	-0.0008543	-0.0004017	-0.002074	-0.0016871
3751	476119.83, 3849357.25	2.80157	15.7698	12.3924	-0.0003544	-0.0019951	-0.0015678	-0.0001657	-0.0009325	-0.0007328	-0.0003272	-0.0018416	-0.0014472
3752	476119.83, 3849382.25	2.33777	14.2903	10.772	-0.0002958	-0.0018079	-0.0013628	-0.0001382	-0.000845	-0.000637	-0.000273	-0.0016689	-0.001258
3753	476119.83, 3849407.25	1.99139	13.1126	9.3961	-0.0002519	-0.0016589	-0.0011887	-0.0001178	-0.0007754	-0.0005556	-0.0002326	-0.0015313	-0.0010973
3754	476119.83, 3849432.25	1.72411	11.9822	8.35338	-0.0002181	-0.0015159	-0.0010568	-0.000102	-0.0007086	-0.000494	-0.0002013	-0.0013993	-0.0009755
3755	476119.83, 3849457.25	1.50904	10.7654	7.55783	-0.0001909	-0.001362	-0.0009562	-8.924E-05	-0.0006366	-0.0004469	-0.0001762	-0.0012572	-0.0008826
3756	476119.83, 3849482.25	1.33751	9.51123	6.82764	-0.0001692	-0.0012033	-0.0008638	-7.909E-05	-0.0005624	-0.0004037	-0.0001562	-0.0011107	-0.0007974
3757	476119.83, 3849507.25	1.19856	8.26477	6.44828	-0.0001516	-0.0010456	-0.0008158	-7.088E-05	-0.0004887	-0.0003813	-0.00014	-0.0009652	-0.000753
3758	476144.83, 3849257.25	9.13904	34.6618	29.5859	-0.0011562	-0.0043852	-0.003743	-0.0005404	-0.0020497	-0.0017495	-0.0010673	-0.0040479	-0.0034551
3759	476144.83, 3849282.25	6.16285	25.3378	21.9297	-0.0007797	-0.0032056	-0.0027744	-0.0003644	-0.0014983	-0.0012968	-0.0007197	-0.002959	-0.002561
3760	476144.83, 3849307.25	4.51712	20.3166	17.1264	-0.0005715	-0.0025703	-0.0021667	-0.0002671	-0.0012014	-0.0010128	-0.0005275	-0.0023726	-0.0020001
3761	476144.83, 3849332.25	3.53833	17.7072	14.5357	-0.0004476	-0.0022402	-0.001839	-0.0002092	-0.0010471	-0.0008596	-0.0004132	-0.0020679	-0.0016975
3762	476144.83, 3849357.25	2.86053	15.6882	12.7876	-0.0003619	-0.0019848	-0.0016178	-0.0001692	-0.0009277	-0.0007562	-0.0003341	-0.0018321	-0.0014934
3763	476144.83, 3849382.25	2.37224	14.251	10.7559	-0.0003001	-0.0018029	-0.0013608	-0.0001403	-0.0008427	-0.000636	-0.000277	-0.0016643	-0.0012561
3764	476144.83, 3849407.25	2.01235	13.0805	9.19746	-0.0002546	-0.0016549	-0.0011636	-0.000119	-0.0007735	-0.0005439	-0.000235	-0.0015276	-0.0010741
3765	476144.83, 3849432.25	1.73972	11.9288	8.41585	-0.0002201	-0.0015092	-0.0010647	-0.0001029	-0.0007054	-0.0004977	-0.0002032	-0.0013931	-0.0009828
3766	476144.83, 3849457.25	1.52364	10.6961	7.61608	-0.0001928	-0.0013532	-0.0009635	-9.01E-05	-0.0006325	-0.0004504	-0.0001779	-0.0012491	-0.0008894
3767	476144.83, 3849482.25	1.35068	9.43211	6.90277	-0.0001709	-0.0011933	-0.0008733	-7.987E-05	-0.0005578	-0.0004082	-0.0001577	-0.0011015	-0.0008061
3768	476144.83, 3849507.25	1.20921	8.19014	6.43979	-0.000153	-0.0010362	-0.0008147	-7.151E-05	-0.0004843	-0.0003808	-0.0001412	-0.0009565	-0.0007521

3769	476144.83, 3849532.25	1.09161	7.304	6.06087	-0.0001381	-0.0009241	-0.0007668	-6.455E-05	-0.0004319	-0.0003584	-0.0001275	-0.000853	-0.0007078
3770	476169.83, 3849257.25	10.009	37.1031	31.857	-0.0012663	-0.004694	-0.0040303	-0.0005919	-0.0021941	-0.0018838	-0.0011689	-0.004333	-0.0037203
3771	476169.83, 3849282.25	6.49351	26.7154	22.6412	-0.0008215	-0.0033799	-0.0028644	-0.000384	-0.0015798	-0.0013389	-0.0007583	-0.0031199	-0.0026441
3772	476169.83, 3849307.25	4.69862	20.8565	17.7197	-0.0005944	-0.0026386	-0.0022418	-0.0002778	-0.0012333	-0.0010478	-0.0005487	-0.0024357	-0.0020694
3773	476169.83, 3849332.25	3.63186	17.6325	14.6344	-0.0004595	-0.0022308	-0.0018514	-0.0002148	-0.0010427	-0.0008654	-0.0004241	-0.0020592	-0.001709
3774	476169.83, 3849357.25	2.91249	15.621	12.8169	-0.0003685	-0.0019763	-0.0016215	-0.0001722	-0.0009237	-0.0007579	-0.0003401	-0.0018243	-0.0014968
3775	476169.83, 3849382.25	2.40383	14.1997	10.8781	-0.0003041	-0.0017965	-0.0013762	-0.0001421	-0.0008397	-0.0006433	-0.0002807	-0.0016583	-0.0012704
3776	476169.83, 3849407.25	2.0335	12.9756	9.40006	-0.0002573	-0.0016416	-0.0011892	-0.0001202	-0.0007673	-0.0005559	-0.0002375	-0.0015153	-0.0010978
3777	476169.83, 3849432.25	1.75687	11.7587	8.45757	-0.0002223	-0.0014876	-0.00107	-0.0001039	-0.0006953	-0.0005001	-0.0002052	-0.0013732	-0.0009877
3778	476169.83, 3849457.25	1.54028	10.5014	7.65042	-0.0001949	-0.0013286	-0.0009679	-9.108E-05	-0.000621	-0.0004524	-0.0001799	-0.0012264	-0.0008934
3779	476169.83, 3849482.25	1.36367	9.23744	6.9244	-0.0001725	-0.0011687	-0.000876	-8.064E-05	-0.0005462	-0.0004095	-0.0001593	-0.0010788	-0.0008086
3780	476169.83, 3849507.25	1.21846	8.22106	6.47668	-0.0001542	-0.0010401	-0.0008194	-7.205E-05	-0.0004861	-0.000383	-0.0001423	-0.0009601	-0.0007564
3781	476169.83, 3849532.25	1.09802	7.40752	6.01467	-0.0001389	-0.0009372	-0.0007609	-6.493E-05	-0.000438	-0.0003557	-0.0001282	-0.0008651	-0.0007024
3782	476194.83, 3849282.25	6.86175	28.0457	23.5531	-0.0008681	-0.0035482	-0.0029798	-0.0004058	-0.0016585	-0.0013928	-0.0008013	-0.0032753	-0.0027506
3783	476194.83, 3849307.25	4.89598	21.9134	18.4728	-0.0006194	-0.0027723	-0.0023371	-0.0002895	-0.0012958	-0.0010924	-0.0005718	-0.0025591	-0.0021573
3784	476194.83, 3849332.25	3.7347	17.6132	14.9636	-0.0004725	-0.0022283	-0.0018931	-0.0002208	-0.0010415	-0.0008849	-0.0004361	-0.0020569	-0.0017475
3785	476194.83, 3849357.25	2.96793	15.6038	12.8241	-0.0003755	-0.0019741	-0.0016224	-0.0001755	-0.0009227	-0.0007583	-0.0003466	-0.0018223	-0.0014976
3786	476194.83, 3849382.25	2.43343	14.0935	10.7865	-0.0003079	-0.001783	-0.0013646	-0.0001439	-0.0008334	-0.0006378	-0.0002842	-0.0016459	-0.0012597
3787	476194.83, 3849407.25	2.05066	12.7218	9.555	-0.0002594	-0.0016095	-0.0012088	-0.0001213	-0.0007523	-0.000565	-0.0002395	-0.0014857	-0.0011159
3788	476194.83, 3849432.25	1.77225	11.4219	8.55142	-0.0002242	-0.001445	-0.0010819	-0.0001048	-0.0006754	-0.0005057	-0.000207	-0.0013339	-0.0009987
3789	476194.83, 3849457.25	1.55142	10.2869	7.72185	-0.0001963	-0.0013014	-0.0009769	-9.174E-05	-0.0006083	-0.0004566	-0.0001812	-0.0012013	-0.0009018
3790	476194.83, 3849482.25	1.37306	9.34779	6.97373	-0.0001737	-0.0011826	-0.0008823	-8.119E-05	-0.0005528	-0.0004124	-0.0001603	-0.0010917	-0.0008144
3791	476194.83, 3849507.25	1.22641	8.46403	6.48433	-0.0001552	-0.0010708	-0.0008204	-7.252E-05	-0.0005005	-0.0003834	-0.0001432	-0.0009885	-0.0007573
3792	476194.83, 3849532.25	1.10434	7.64874	5.91368	-0.0001397	-0.0009677	-0.0007482	-6.53E-05	-0.0004523	-0.0003497	-0.000129	-0.0008932	-0.0006906
3793	476219.83, 3849282.25	7.27135	29.3015	24.6344	-0.0009199	-0.003707	-0.0031166	-0.00043	-0.0017327	-0.0014567	-0.0008492	-0.0034219	-0.0028769
3794	476219.83, 3849307.25	5.10238	22.8983	19.2207	-0.0006455	-0.0028969	-0.0024317	-0.0003017	-0.0013541	-0.0011366	-0.0005959	-0.0026741	-0.0022446
3795	476219.83, 3849332.25	3.84147	18.412	15.3887	-0.000486	-0.0023294	-0.0019469	-0.0002272	-0.0010888	-0.00091	-0.0004486	-0.0021502	-0.0017971
3796	476219.83, 3849357.25	3.02875	15.5977	12.8196	-0.0003832	-0.0019733	-0.0016219	-0.0001791	-0.0009224	-0.0007581	-0.0003537	-0.0018215	-0.0014971
3797	476219.83, 3849382.25	2.47115	13.9063	10.897	-0.0003126	-0.0017593	-0.0013786	-0.0001461	-0.0008223	-0.0006444	-0.0002886	-0.001624	-0.0012726
3798	476219.83, 3849407.25	2.07389	12.4418	9.74369	-0.0002624	-0.0015741	-0.0012327	-0.0001226	-0.0007357	-0.0005762	-0.0002422	-0.001453	-0.0011379
3799	476219.83, 3849432.25	1.78522	11.4099	8.48371	-0.0002259	-0.0014435	-0.0010733	-0.0001056	-0.0006747	-0.0005017	-0.0002085	-0.0013325	-0.0009908
3800	476219.83, 3849457.25	1.56021	10.4541	7.80972	-0.0001974	-0.0013226	-0.000988	-9.226E-05	-0.0006182	-0.0004618	-0.0001822	-0.0012209	-0.000912
3801	476219.83, 3849482.25	1.3802	9.5501	7.03805	-0.0001746	-0.0012082	-0.0008904	-8.162E-05	-0.0005647	-0.0004162	-0.0001612	-0.0011153	-0.0008219
3802	476219.83, 3849507.25	1.23204	8.68361	6.53336	-0.0001559	-0.0010986	-0.0008266	-7.286E-05	-0.0005135	-0.0003863	-0.0001439	-0.0010141	-0.000763
3803	476219.83, 3849532.25	1.10857	7.86691	6.01066	-0.0001402	-0.0009953	-0.0007604	-6.555E-05	-0.0004652	-0.0003554	-0.0001295	-0.0009187	-0.0007019
3804	476244.83, 3849282.25	7.75089	30.8331	25.9514	-0.0009806	-0.0039008	-0.0032832	-0.0004583	-0.0018233	-0.0015346	-0.0009052	-0.0036008	-0.0030307
3805	476244.83, 3849307.25	5.31627	23.809	19.7959	-0.0006726	-0.0030122	-0.0025045	-0.0003144	-0.0014079	-0.0011706	-0.0006208	-0.0027805	-0.0023118
3806	476244.83, 3849332.25	3.94759	19.1752	15.7783	-0.0004994	-0.0024259	-0.0019962	-0.0002334	-0.0011339	-0.000933	-0.000461	-0.0022393	-0.0018426
3807	476244.83, 3849357.25	3.08821	15.6475	12.9241	-0.0003907	-0.0019796	-0.0016351	-0.0001826	-0.0009253	-0.0007643	-0.0003606	-0.0018274	-0.0015093
3808	476244.83, 3849382.25	2.51182	13.8604	11.0931	-0.0003178	-0.0017535	-0.0014034	-0.0001485	-0.0008196	-0.000656	-0.0002933	-0.0016187	-0.0012955
3809	476244.83, 3849407.25	2.10122	12.6136	9.94147	-0.0002658	-0.0015958	-0.0012577	-0.0001243	-0.0007459	-0.0005879	-0.0002454	-0.0014731	-0.001161
3810	476244.83, 3849432.25	1.79424	11.5248	8.55257	-0.000227	-0.0014581	-0.001082	-0.0001061	-0.0006815	-0.0005057	-0.0002095	-0.0013459	-0.0009988
3811	476244.83, 3849457.25	1.56767	10.6072	7.87662	-0.0001983	-0.001342	-0.0009965	-9.27E-05	-0.0006272	-0.0004658	-0.0001831	-0.0012387	-0.0009199
3812	476244.83, 3849482.25	1.38639	9.72963	7.15791	-0.0001754	-0.0012309	-0.0009056	-8.198E-05	-0.0005754	-0.0004233	-0.0001619	-0.0011363	-0.0008359
3813	476244.83, 3849507.25	1.23731	8.87643	6.56112	-0.0001565	-0.001123	-0.0008301	-7.317E-05	-0.0005249	-0.000388	-0.0001445	-0.0010366	-0.0007662
3814	476244.83, 3849532.25	1.11317	8.0597	6.16796	-0.0001408	-0.0010197	-0.0007803	-6.583E-05	-0.0004766	-0.0003647	-0.00013	-0.0009412	-0.0007203
3815	476269.83, 3849282.25	8.31436	32.789	27.8347	-0.0010519	-0.0041483	-0.0035215	-0.0004917	-0.0019389	-0.001646	-0.000971	-0.0038292	-0.0032506
3816	476269.83, 3849307.25	5.53706	24.8102	20.2771	-0.0007005	-0.0031388	-0.0025653	-0.0003274	-0.0014671	-0.0011991	-0.0006466	-0.0028974	-0.002368
3817	476269.83, 3849332.25	4.0513	19.9417	15.6677	-0.0005125	-0.0025229	-0.0019822	-0.0002396	-0.0011792	-0.0009265	-0.0004731	-0.0023288	-0.0018297
3818	476269.83, 3849357.25	3.14588	16.3211	12.9856	-0.000398	-0.0020648	-0.0016429	-0.000186	-0.0009651	-0.0007679	-0.0003674	-0.001906	-0.0015165
3819	476269.83, 3849382.25	2.54226	14.0189	11.0539	-0.0003216	-0.0017736	-0.0013985	-0.0001503	-0.000829	-0.0006537	-0.0002969	-0.0016372	-0.0012909
3820	476269.83, 3849407.25	2.115	12.7272	9.90362	-0.0002676	-0.0016102	-0.0012529	-0.0001251	-0.0007526	-0.0005856	-0.000247	-0.0014863	-0.0011566
3821	476269.83, 3849432.25	1.8011	11.6294	8.86329	-0.0002279	-0.0014713	-0.0011213	-0.0001065	-0.0006877	-0.0005241	-0.0002103	-0.0013581	-0.0010351
3822	476269.83, 3849457.25	1.57289	10.7249	7.78682	-0.000199	-0.0013568	-0.0009851	-9.301E-05	-0.0006342	-0.0004605	-0.0001837	-0.0012525	-0.0009094
3823	476269.83, 3849482.25	1.38926	9.84597	7.19085	-0.0001758	-0.0012457	-0.0009097	-8.215E-05	-0.0005822	-0.0004252	-0.0001622	-0.0011498	-0.0008398
3824	476269.83, 3849507.25	1.23998	9.00185	6.57326	-0.0001569	-0.0011389	-0.0008316	-7.333E-05	-0.0005323	-0.0003887	-0.0001448	-0.0010513	-0.0007676
3825	476269.83, 3849532.25	1.11647	8.19604	6.14972	-0.0001412	-0.0010369	-0.000778	-6.602E-05	-0.0004847	-0.0003637	-0.0001304	-0.0009572	-0.0007182
3826	476294.83, 3849282.25	8.9725	35.0038	29.4939	-0.0011351	-0.0044285	-0.0037314	-0.0005306	-0.0020699	-0.0017441	-0.0010478	-0.0040878	-0.0034444
3827	476294.83, 3849307.25	5.70158	25.6747	20.7712	-0.0007213	-0.0032482	-0.0026278	-0.0003372	-0.0015183	-0.0012283	-0.0006658	-0.0029984	-0.0024257
3828	476294.83, 3849332.25	4.10274	20.5025	15.849	-0.0005191	-0.0025939	-0.0020051	-0.0002426	-0.0012124	-0.0009372	-0.0004791	-0.0023943	-0.0018509
3829	476294.83, 3849357.25	3.16593	16.8389	13.0916	-0.0004005	-0.0021304	-0.0016563	-0.0001872	-0.0009958	-0.0007742	-0.0003697	-0.0019665	-0.0015289
3830	476294.83, 3849382.25	2.54966	14.0789	10.9248	-0.0003226	-0.0017812	-0.0013821	-0.0001508	-0.0008325	-0.000646	-0.0002978	-0.0016442	-0.0012758
3831	476294.83, 3849407.25	2.1183	12.778	9.65154	-0.000268	-0.0016166	-0.0012211	-0.0001253	-0.0007556	-0.0005707	-0.0002474	-0.0014923	-0.0011271
3832	476294.83, 3849432.25	1.80401	11.6746	8.88423	-0.0002282	-0.001477	-0.001124	-0.0001067	-0.0006904	-0.0005254	-0.0002107	-0.0013634	-0.0010375
3833	476294.83, 3849457.25	1.57413	10.7572	8.001	-0.0001991	-0.0013609	-0.0010122	-9.308E-05	-0.0006361	-0.0004731	-0.0001838	-0.0012563	-0.0009344
3834	476294.83, 3849482.25	1.39225	9.89892	7.09129	-0.0001761	-0.0012523	-0.0008971	-8.233E-05	-0.0005854	-0.0004193	-0.0001626	-0.001156	-0.0008281
3835	476294.83, 3849507.25	1.24381	9.07756	6.57185	-0.0001574	-0.0011484	-0.0008314	-7.355E-05	-0.0005368	-0.0003886	-0.0001453	-0.0010601	-0.0007675
3836	476294.83, 3849532.25	1.1202	8.29024	6.0662	-0.0001417	-0.0010488	-0.0007675	-6.624E-05	-0.0004902	-0.0003587	-0.0001308	-0.0009682	-0.0007084
3837	476319.83, 3849282.25	9.77632	37.9399	31.749	-0.0012368	-0.0047999	-0.0040167	-0.0005781	-0.0022435	-0.0018774	-0.0011417	-0.0044307	-0.0037077
3838	476319.83, 3849307.25	5.88732	26.83	20.9768	-0.0007448	-0.0033944	-0.0026539	-0.0003481	-0.0015866	-0.0012404	-0.0006875	-0.0031333	-0.0024497
3839	476319.83, 3849332.25	4.16953	21.2518	16.2674	-0.0005275	-0.0026886	-0.002058	-0.0002466	-0.0012567	-0.000962	-0.0004869	-0.0024818	-0.0018998
3840	476319.83, 3849357.25	3.19231	17.4747	13.0319	-0.0004039	-0.0022108	-0.0016487	-0.0001888	-0.0010334	-0.0007706	-0.0003728	-0.0020407	-0.0015219
3841	476319.83, 3849382.25	2.54473	14.4062	10.9322	-0.0003219	-0.0018226	-0.0013831	-0.0001505	-0.0008519	-0.0006465	-0.0002972	-0.0016824	-0.0012767
3842	476319.83, 3849407.25	2.10068	12.6152	9.6807	-0.0002658	-0.001596	-0.0012247	-0.0001242	-0.000746	-0.0005725	-0.0002453	-0.0014732	-0.0011305
3843	476319.83, 3849432.25	1.80562	11.6281	8.82383	-0.0002284	-0.0014711	-0.0011163	-0.0001068	-0.0006876	-0.0005218	-0.0002109	-0.001358	-0.0010305
3844	476319.83, 3849457.25	1.57347	10.7057	8.09827	-0.0001991	-0.0013544	-0.0010245	-9.305E-05	-0.0006331	-0.0004789	-0.0001838	-0.0012502	-0.0009457
3845	476319.83, 3849482.25	1.39173	9.87634	7.04064	-0.0001761	-0.0012495	-0.0008907	-8.23E-05	-0.000584	-0.0004163	-0.0001625	-0.0011534	-0.0008222

3846	476319.83, 3849507.25	1.24372	9.09365	6.48922	-0.0001573	-0.0011505	-0.000821	-7.355E-05	-0.0005377	-0.0003837	-0.0001452	-0.001062	-0.0007578
3847	476319.83, 3849532.25	1.12067	8.34583	6.14758	-0.0001418	-0.0010559	-0.0007778	-6.627E-05	-0.0004935	-0.0003635	-0.0001309	-0.0009746	-0.0007179
3848	476319.83, 3849557.25	1.01744	7.63762	5.60644	-0.0001287	-0.0009663	-0.0007093	-6.017E-05	-0.0004516	-0.0003315	-0.0001188	-0.0008919	-0.0006547
3849	476344.83, 3849307.25	6.02986	28.1523	22.1553	-0.0007629	-0.0035616	-0.0028029	-0.0003566	-0.0016648	-0.0013101	-0.0007042	-0.0032877	-0.0025874
3850	476344.83, 3849332.25	4.19797	22.0095	16.093	-0.0005311	-0.0027845	-0.002036	-0.0002482	-0.0013015	-0.0009516	-0.0004903	-0.0025703	-0.0018794
3851	476344.83, 3849357.25	3.20173	18.0974	13.0969	-0.0004051	-0.0022896	-0.0016569	-0.0001893	-0.0010702	-0.0007745	-0.0003739	-0.0021135	-0.0015295
3852	476344.83, 3849382.25	2.54071	14.9185	10.9377	-0.0003214	-0.0018874	-0.0013838	-0.0001502	-0.0008822	-0.0006468	-0.0002967	-0.0017422	-0.0012773
3853	476344.83, 3849407.25	2.09067	12.4226	9.46171	-0.0002645	-0.0015716	-0.001197	-0.0001236	-0.0007346	-0.0005595	-0.0002442	-0.0014507	-0.001105
3854	476344.83, 3849432.25	1.804	11.5253	8.90345	-0.0002282	-0.0014581	-0.0011264	-0.0001067	-0.0006815	-0.0005265	-0.0002107	-0.001346	-0.0010398
3855	476344.83, 3849457.25	1.57322	10.6562	8.08489	-0.000199	-0.0013482	-0.0010228	-9.303E-05	-0.0006301	-0.0004781	-0.0001837	-0.0012445	-0.0009442
3856	476344.83, 3849482.25	1.39136	9.87	7.06268	-0.000176	-0.0012487	-0.0008935	-8.228E-05	-0.0005837	-0.0004176	-0.0001625	-0.0011526	-0.0008248
3857	476344.83, 3849507.25	1.24355	9.12981	6.31914	-0.0001573	-0.001155	-0.0007995	-7.354E-05	-0.0005399	-0.0003737	-0.0001452	-0.0010662	-0.000738
3858	476344.83, 3849532.25	1.1211	8.42262	5.98615	-0.0001418	-0.0010656	-0.0007573	-6.63E-05	-0.0004981	-0.000354	-0.0001309	-0.0009836	-0.0006991
3859	476344.83, 3849557.25	1.01869	7.74966	5.6928	-0.0001289	-0.0009804	-0.0007202	-6.024E-05	-0.0004583	-0.0003366	-0.000119	-0.000905	-0.0006648
3860	476369.83, 3849307.25	6.31717	30.9429	22.5265	-0.0007992	-0.0039147	-0.0028499	-0.0003736	-0.0018298	-0.0013321	-0.0007377	-0.0036136	-0.0026307
3861	476369.83, 3849332.25	4.21208	22.8729	15.5715	-0.0005329	-0.0028937	-0.00197	-0.0002491	-0.0013526	-0.0009208	-0.0004919	-0.0026712	-0.0018185
3862	476369.83, 3849357.25	3.19238	18.636	13.1855	-0.0004039	-0.0023577	-0.0016681	-0.0001888	-0.001102	-0.0007797	-0.0003728	-0.0021764	-0.0015398
3863	476369.83, 3849382.25	2.55669	15.5492	11.3921	-0.0003235	-0.0019672	-0.0014413	-0.0001512	-0.0009195	-0.0006737	-0.0002986	-0.0018159	-0.0013304
3864	476369.83, 3849407.25	2.11567	13.0044	9.47641	-0.0002677	-0.0016452	-0.0011989	-0.0001251	-0.000769	-0.0005604	-0.0002471	-0.0015187	-0.0011067
3865	476369.83, 3849432.25	1.80243	11.5078	8.63884	-0.000228	-0.0014559	-0.0010929	-0.0001066	-0.0006805	-0.0005108	-0.0002105	-0.0013439	-0.0010089
3866	476369.83, 3849457.25	1.57256	10.6732	7.97925	-0.000199	-0.0013503	-0.0010095	-9.299E-05	-0.0006312	-0.0004718	-0.0001836	-0.0012464	-0.0009318
3867	476369.83, 3849482.25	1.39044	9.91133	7.29511	-0.0001759	-0.0012539	-0.0009229	-8.222E-05	-0.0005861	-0.0004314	-0.0001624	-0.0011575	-0.0008519
3868	476369.83, 3849507.25	1.24333	9.2026	6.39505	-0.0001573	-0.0011643	-0.0008091	-7.352E-05	-0.0005442	-0.0003782	-0.0001452	-0.0010747	-0.0007468
3869	476369.83, 3849532.25	1.12212	8.52998	5.9118	-0.000142	-0.0010792	-0.0007479	-6.636E-05	-0.0005044	-0.0003496	-0.000131	-0.0009962	-0.0006904
3870	476369.83, 3849557.25	1.02009	7.88113	5.63321	-0.0001291	-0.0009971	-0.0007127	-6.032E-05	-0.000466	-0.0003331	-0.0001191	-0.0009204	-0.0006579
3871	476394.83, 3849307.25	6.41078	32.0086	23.151	-0.0008111	-0.0040495	-0.0029289	-0.0003791	-0.0018928	-0.001369	-0.0007487	-0.003738	-0.0027036
3872	476394.83, 3849332.25	4.23618	23.4153	16.0045	-0.0005359	-0.0029624	-0.0020248	-0.0002505	-0.0013846	-0.0009464	-0.0004947	-0.0027345	-0.001869
3873	476394.83, 3849357.25	3.20001	19.0829	13.1738	-0.0004048	-0.0024142	-0.0016667	-0.0001892	-0.0011284	-0.000779	-0.0003737	-0.0022286	-0.0015385
3874	476394.83, 3849382.25	2.57018	16.0554	11.1457	-0.0003252	-0.0020312	-0.0014101	-0.000152	-0.0009494	-0.0006591	-0.0003002	-0.001875	-0.0013016
3875	476394.83, 3849407.25	2.13049	13.5305	9.7618	-0.0002695	-0.0017118	-0.001235	-0.000126	-0.0008001	-0.0005773	-0.0002488	-0.0015801	-0.00114
3876	476394.83, 3849432.25	1.80249	11.5811	8.51268	-0.000228	-0.0014652	-0.001077	-0.0001066	-0.0006848	-0.0005034	-0.0002105	-0.0013525	-0.0009941
3877	476394.83, 3849457.25	1.57302	10.7482	7.90726	-0.000199	-0.0013598	-0.0010004	-9.302E-05	-0.0006356	-0.0004676	-0.0001837	-0.0012552	-0.0009234
3878	476394.83, 3849482.25	1.39251	10.0061	7.54209	-0.0001762	-0.0012659	-0.0009542	-8.234E-05	-0.0005917	-0.000446	-0.0001626	-0.0011685	-0.0008808
3879	476394.83, 3849507.25	1.24541	9.3101	6.58314	-0.0001576	-0.0011779	-0.0008329	-7.365E-05	-0.0005505	-0.0003893	-0.0001454	-0.0010873	-0.0007688
3880	476394.83, 3849532.25	1.12358	8.64798	5.97945	-0.0001421	-0.0010941	-0.0007565	-6.644E-05	-0.0005114	-0.0003536	-0.0001312	-0.0010099	-0.0006983
3881	476394.83, 3849557.25	1.02165	8.01588	5.65851	-0.0001293	-0.0010141	-0.0007159	-6.041E-05	-0.000474	-0.0003346	-0.0001193	-0.0009361	-0.0006608

					2028			2033			2048		
	PM2.5			Rate (g/s):	-1.23E-04	-1.23E-04	-1.23E-04	-5.74E-05	-5.74E-05	-5.74E-05	-1.13E-04	-1.13E-04	-1.13E-04
	Concentration [µg/m^3] at 1 g/s												
	Period	24hr (1st)	24hr (8th)		Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)	Annual	24hr	1hr (8th)
#	X, Y	Main (SLINE1)			[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]	[µg/m^3]
1	473243.71, 3847205.61	0.12774	1.54666	0.87189	-1.57E-05	-1.90E-04	-1.07E-04	-7.33E-06	-8.87E-05	-5.00E-05	-1.45E-05	-1.75E-04	-9.88E-05
2	473268.71, 3847230.61	0.14396	1.7135	0.95891	-1.767E-05	-0.0002103	-0.0001177	-8.26E-06	-9.83E-05	-5.50E-05	-1.63E-05	-1.94E-04	-1.09E-04
3	473268.71, 3847255.61	0.15153	1.66772	0.98208	-1.86E-05	-0.0002047	-0.0001205	-8.69E-06	-9.57E-05	-5.63E-05	-1.72E-05	-1.89E-04	-1.11E-04
4	473268.71, 3847280.61	0.16577	1.77393	1.05573	-2.034E-05	-0.0002177	-0.0001296	-9.51E-06	-1.02E-04	-6.06E-05	-1.88E-05	-2.01E-04	-1.20E-04
5	473268.71, 3847305.61	0.18017	1.86497	1.11905	-2.211E-05	-0.0002289	-0.0001373	-1.03E-05	-1.07E-04	-6.42E-05	-2.04E-05	-2.11E-04	-1.27E-04
6	473268.71, 3847330.61	0.20893	2.11425	1.22105	-2.564E-05	-0.0002595	-0.0001498	-1.20E-05	-1.21E-04	-7.00E-05	-2.37E-05	-2.40E-04	-1.38E-04
7	473268.71, 3847355.61	0.23991	2.34563	1.39202	-2.944E-05	-0.0002879	-0.0001708	-1.38E-05	-1.35E-04	-7.98E-05	-2.72E-05	-2.66E-04	-1.58E-04
8	473268.71, 3847380.61	0.33375	3.28313	1.96484	-4.096E-05	-0.0004029	-0.0002411	-1.91E-05	-1.88E-04	-1.13E-04	-3.78E-05	-3.72E-04	-2.23E-04
9	473268.71, 3847405.61	0.55634	5.62384	3.47414	-6.827E-05	-0.0006901	-0.0004263	-3.19E-05	-3.23E-04	-1.99E-04	-6.30E-05	-6.37E-04	-3.94E-04
10	473268.71, 3847430.61	0.81805	7.91828	4.93645	-0.0001004	-0.0009717	-0.0006058	-4.69E-05	-4.54E-04	-2.83E-04	-9.27E-05	-8.97E-04	-5.59E-04
11	473268.71, 3847455.61	1.28365	11.06122	6.90956	-0.0001575	-0.0013574	-0.0008479	-7.36E-05	-6.34E-04	-3.96E-04	-1.45E-04	-1.25E-03	-7.83E-04
12	473268.71, 3847480.61	2.56416	16.69003	11.04249	-0.0003147	-0.0020482	-0.0013551	-1.47E-04	-9.57E-04	-6.33E-04	-2.90E-04	-1.89E-03	-1.25E-03
13	473293.71, 3847255.61	0.15267	1.71796	0.97594	-1.874E-05	-0.0002108	-0.0001198	-8.76E-06	-9.85E-05	-5.60E-05	-1.73E-05	-1.95E-04	-1.11E-04
14	473293.71, 3847280.61	0.16885	1.79326	1.0606	-2.072E-05	-0.0002201	-0.0001302	-9.69E-06	-1.03E-04	-6.08E-05	-1.91E-05	-2.03E-04	-1.20E-04
15	473293.71, 3847305.61	0.18808	1.95196	1.15653	-2.308E-05	-0.0002395	-0.0001419	-1.08E-05	-1.12E-04	-6.63E-05	-2.13E-05	-2.21E-04	-1.31E-04
16	473293.71, 3847330.61	0.21938	2.25869	1.27766	-2.692E-05	-0.0002772	-0.0001568	-1.26E-05	-1.30E-04	-7.33E-05	-2.49E-05	-2.56E-04	-1.45E-04
17	473293.71, 3847355.61	0.24427	2.34426	1.3594	-2.998E-05	-0.0002877	-0.0001668	-1.40E-05	-1.34E-04	-7.80E-05	-2.77E-05	-2.66E-04	-1.54E-04
18	473293.71, 3847380.61	0.316	2.9839	1.7454	-3.878E-05	-0.0003662	-0.0002142	-1.81E-05	-1.71E-04	-1.00E-04	-3.58E-05	-3.38E-04	-1.98E-04
19	473293.71, 3847405.61	0.51962	5.01368	3.09348	-6.377E-05	-0.0006153	-0.0003796	-2.98E-05	-2.88E-04	-1.77E-04	-5.89E-05	-5.68E-04	-3.50E-04
20	473293.71, 3847430.61	0.79481	7.3345	4.5537	-9.754E-05	-0.0009001	-0.0005588	-4.56E-05	-4.21E-04	-2.61E-04	-9.00E-05	-8.31E-04	-5.16E-04
21	473293.71, 3847455.61	1.23515	9.81531	6.25176	-0.0001516	-0.0012045	-0.0007672	-7.08E-05	-5.63E-04	-3.59E-04	-1.40E-04	-1.11E-03	-7.08E-04
22	473293.71, 3847480.61	2.47779	14.042	9.21581	-0.0003041	-0.0017232	-0.0011309	-1.42E-04	-8.05E-04	-5.29E-04	-2.81E-04	-1.59E-03	-1.04E-03
23	473318.71, 3847255.61	0.15439	1.74641	0.98148	-1.895E-05	-0.0002143	-0.0001204	-8.86E-06	-1.00E-04	-5.63E-05	-1.75E-05	-1.98E-04	-1.11E-04
24	473318.71, 3847280.61	0.16324	1.7298	0.99822	-2.003E-05	-0.0002123	-0.0001225	-9.36E-06	-9.92E-05	-5.73E-05	-1.85E-05	-1.96E-04	-1.13E-04
25	473318.71, 3847305.61	0.18724	1.90041	1.12752	-2.298E-05	-0.0002332	-0.0001384	-1.07E-05	-1.09E-04	-6.47E-05	-2.12E-05	-2.15E-04	-1.28E-04
26	473318.71, 3847330.61	0.22236	2.23602	1.30757	-2.729E-05	-0.0002744	-0.0001605	-1.28E-05	-1.28E-04	-7.50E-05	-2.52E-05	-2.53E-04	-1.48E-04
27	473318.71, 3847355.61	0.25521	2.4588	1.39465	-3.132E-05	-0.0003017	-0.0001711	-1.46E-05	-1.41E-04	-8.00E-05	-2.89E-05	-2.79E-04	-1.58E-04
28	473318.71, 3847380.61	0.30227	2.73864	1.54495	-3.709E-05	-0.0003361	-0.0001896	-1.73E-05	-1.57E-04	-8.86E-05	-3.42E-05	-3.10E-04	-1.75E-04
29	473318.71, 3847405.61	0.48849	4.49395	2.64212	-5.995E-05	-0.0005515	-0.0003242	-2.80E-05	-2.58E-04	-1.52E-04	-5.53E-05	-5.09E-04	-2.99E-04
30	473318.71, 3847430.61	0.74219	6.4069	3.95881	-9.108E-05	-0.0007862	-0.0004858	-4.26E-05	-3.68E-04	-2.27E-04	-8.41E-05	-7.26E-04	-4.48E-04
31	473318.71, 3847455.61	1.19634	8.51024	5.40999	-0.0001468	-0.0010444	-0.0006639	-6.86E-05	-4.88E-04	-3.10E-04	-1.36E-04	-9.64E-04	-6.13E-04
32	473318.71, 3847480.61	2.4191	12.31757	7.90729	-0.0002969	-0.0015116	-0.0009704	-1.39E-04	-7.07E-04	-4.54E-04	-2.74E-04	-1.40E-03	-8.96E-04
33	473318.71, 3847505.61	6.21297	20.65466	15.14279	-0.0007624	-0.0025347	-0.0018583	-3.56E-04	-1.18E-03	-8.69E-04	-7.04E-04	-2.34E-03	-1.72E-03
34	473343.71, 3847280.61	0.16946	1.83276	1.03367	-2.08E-05	-0.0002249	-0.0001269	-9.72E-06	-1.05E-04	-5.93E-05	-1.92E-05	-2.08E-04	-1.17E-04
35	473343.71, 3847305.61	0.18375	1.87175	1.08359	-2.255E-05	-0.0002297	-0.000133	-1.05E-05	-1.07E-04	-6.22E-05	-2.08E-05	-2.12E-04	-1.23E-04
36	473343.71, 3847330.61	0.20777	1.98384	1.1976	-2.55E-05	-0.0002435	-0.000147	-1.19E-05	-1.14E-04	-6.87E-05	-2.35E-05	-2.25E-04	-1.36E-04
37	473343.71, 3847355.61	0.25806	2.42141	1.42282	-3.167E-05	-0.0002972	-0.0001746	-1.48E-05	-1.39E-04	-8.16E-05	-2.92E-05	-2.74E-04	-1.61E-04
38	473343.71, 3847380.61	0.33015	2.96924	1.71909	-4.052E-05	-0.0003644	-0.000211	-1.89E-05	-1.70E-04	-9.86E-05	-3.74E-05	-3.36E-04	-1.95E-04
39	473343.71, 3847405.61	0.48138	4.23601	2.48279	-5.907E-05	-0.0005198	-0.0003047	-2.76E-05	-2.43E-04	-1.42E-04	-5.45E-05	-4.80E-04	-2.81E-04
40	473343.71, 3847430.61	0.67757	5.30447	3.26538	-8.315E-05	-0.000651	-0.0004007	-3.89E-05	-3.04E-04	-1.87E-04	-7.68E-05	-6.01E-04	-3.70E-04
41	473343.71, 3847455.61	1.21488	7.77352	4.95109	-0.0001491	-0.000954	-0.0006076	-6.97E-05	-4.46E-04	-2.84E-04	-1.38E-04	-8.81E-04	-5.61E-04
42	473343.71, 3847480.61	2.61635	12.39004	8.09698	-0.0003211	-0.0015205	-0.0009936	-1.50E-04	-7.11E-04	-4.64E-04	-2.96E-04	-1.40E-03	-9.17E-04
43	473343.71, 3847505.61	5.65712	19.31282	14.02831	-0.0006942	-0.00237	-0.0017215	-3.24E-04	-1.11E-03	-8.05E-04	-6.41E-04	-2.19E-03	-1.59E-03
44	473343.71, 3847530.61	9.93638	29.60383	22.00876	-0.0012194	-0.0036329	-0.0027009	-5.70E-04	-1.70E-03	-1.26E-03	-1.13E-03	-3.35E-03	-2.49E-03
45	473368.71, 3847280.61	0.17853	1.99887	1.07394	-2.191E-05	-0.0002453	-0.0001318	-1.02E-05	-1.15E-04	-6.16E-05	-2.02E-05	-2.26E-04	-1.22E-04
46	473368.71, 3847305.61	0.18894	1.94371	1.10922	-2.319E-05	-0.0002385	-0.0001361	-1.08E-05	-1.11E-04	-6.36E-05	-2.14E-05	-2.20E-04	-1.26E-04
47	473368.71, 3847330.61	0.21783	2.13043	1.21875	-2.673E-05	-0.0002614	-0.0001496	-1.25E-05	-1.22E-04	-6.99E-05	-2.47E-05	-2.41E-04	-1.38E-04
48	473368.71, 3847355.61	0.26463	2.47209	1.44132	-3.247E-05	-0.0003034	-0.0001769	-1.52E-05	-1.42E-04	-8.27E-05	-3.00E-05	-2.80E-04	-1.63E-04
49	473368.71, 3847380.61	0.32738	2.86414	1.66105	-4.018E-05	-0.0003515	-0.0002038	-1.88E-05	-1.64E-04	-9.53E-05	-3.71E-05	-3.24E-04	-1.88E-04
50	473368.71, 3847405.61	0.45485	3.72733	2.20646	-5.582E-05	-0.0004574	-0.0002708	-2.61E-05	-2.14E-04	-1.27E-04	-5.15E-05	-4.22E-04	-2.50E-04
51	473368.71, 3847430.61	0.56479	3.79192	2.28802	-6.931E-05	-0.0004653	-0.0002808	-3.24E-05	-2.18E-04	-1.31E-04	-6.40E-05	-4.30E-04	-2.59E-04
52	473368.71, 3847455.61	1.07863	6.05941	4.03108	-0.0001324	-0.0007436	-0.0004947	-6.19E-05	-3.48E-04	-2.31E-04	-1.22E-04	-6.86E-04	-4.57E-04
53	473368.71, 3847480.61	2.55591	11.50465	7.59067	-0.0003137	-0.0014118	-0.0009315	-1.47E-04	-6.60E-04	-4.35E-04	-2.90E-04	-1.30E-03	-8.60E-04
54	473368.71, 3847505.61	5.12431	17.99248	12.94732	-0.0006288	-0.002208	-0.0015889	-2.94E-04	-1.03E-03	-7.43E-04	-5.80E-04	-2.04E-03	-1.47E-03
55	473368.71, 3847530.61	8.27682	25.72601	18.83466	-0.0010157	-0.0031571	-0.0023114	-4.75E-04	-1.48E-03	-1.08E-03	-9.38E-04	-2.91E-03	-2.13E-03
56	473393.71, 3847305.61	0.21034	2.28928	1.23966	-2.581E-05	-0.0002809	-0.0001521	-1.21E-05	-1.31E-04	-7.11E-05	-2.38E-05	-2.59E-04	-1.40E-04
57	473393.71, 3847330.61	0.24075	2.47249	1.37533	-2.954E-05	-0.0003034	-0.0001688	-1.38E-05	-1.42E-04	-7.89E-05	-2.73E-05	-2.80E-04	-1.56E-04
58	473393.71, 3847355.61	0.28147	2.67549	1.51563	-3.454E-05	-0.0003283	-0.000186	-1.61E-05	-1.53E-04	-8.69E-05	-3.19E-05	-3.03E-04	-1.72E-04
59	473393.71, 3847380.61	0.34353	2.99871	1.7069	-4.216E-05	-0.000368	-0.0002095	-1.97E-05	-1.72E-04	-9.79E-05	-3.89E-05	-3.40E-04	-1.93E-04
60	473393.71, 3847405.61	0.47987	3.86335	2.2196	-5.889E-05	-0.0004741	-0.0002724	-2.75E-05	-2.22E-04	-1.27E-04	-5.44E-05	-4.38E-04	-2.51E-04
61	473393.71, 3847430.61	0.63033	4.04745	2.53319	-7.735E-05	-0.0004967	-0.0003109	-3.62E-05	-2.32E-04	-1.45E-04	-7.14E-05	-4.58E-04	-2.87E-04
62	473393.71, 3847455.61	1.05413	5.43548	3.66913	-0.0001294	-0.000667	-0.0004503	-6.05E-05	-3.12E-04	-2.10E-04	-1.19E-04	-6.16E-04	-4.16E-04
63	473393.71, 3847480.61	2.18631	9.19113	6.18021	-0.0002683	-0.0011279	-0.0007584	-1.25E-04	-5.27E-04	-3.54E-04	-2.48E-04	-1.04E-03	-7.00E-04
64	473393.71, 3847505.61	4.37552	15.75542	10.95653	-0.000537	-0.0019335	-0.0013446	-2.51E-04	-9.04E-04	-6.28E-04	-4.96E-04	-1.78E-03	-1.24E-03
65	473393.71, 3847530.61	6.24264	19.89938	14.22996	-0.0007661	-0.002442	-0.0017463	-3.58E-04	-1.14E-03	-8.16E-04	-7.07E-04	-2.25E-03	-1.61E-03
66	473393.71, 3847555.61	10.042	30.18255	22.23264	-0.0012323	-0.003704	-0.0027284	-5.76E-04	-1.73E-03	-1.28E-03	-1.14E-03	-3.42E-03	-2.52E-03
67	473418.71, 3847305.61	0.22686	2.53104	1.33132	-2.784E-05	-0.0003106	-0.0001634	-1.30E-05	-1.45E-04	-7.64E-05	-2.57E-05	-2.87E-04	-1.51E-04
68	473418.71, 3847330.61	0.2596	2.72058	1.50443	-3.186E-05	-0.0003339	-0.0001846	-1.49E-05	-1.56E-04	-8.63E-05	-2.94E-05	-3.08E-04	-1.70E-04
69	473418.71, 3847355.61	0.30515	2.95332	1.62952	-3.745E-05	-0.0003624	-0.0002	-1.75E-05	-1.69E-04	-9.35E-05	-3.46E-05	-3.35E-04	-1.85E-04
70	473418.71, 3847380.61	0.37316	3.25243	1.81395	-4.579E-05	-0.0003991	-0.0002226	-2.14E-05	-1.87E-04	-1.04E-04	-4.23E-05	-3.68E-04	-2.05E-04
71	473418.71, 3847405.61	0.49067	3.74811	2.16049	-6.021E-05	-0.00046	-0.0002651	-2.81E-05	-2.15E-04	-1.24E-04	-5.56E-05	-4.25E-04	-2.45E-04
72	473418.71, 3847430.61	0.75309	4.98343	2.93613	-9.242E-05	-0.0006116	-0.0003603	-4.32E-05	-2.86E-04	-1.68E-04	-8.53E-05	-5.65E-04	-3.33E-04
73	473418.71, 3847455.61	1.19459	6.22893	3.8689	-0.0001466	-0.0007644	-0.0004748	-6.85E-05	-3.57E-04	-2.22E-04	-1.35E-04	-7.06E-04	-4.38E-04
74	473418.71, 3847480.61	1.99379	8.0492	5.42448	-0.0002447	-0.0009878	-0.0006657	-1.14E-04	-4.62E-04	-3.11E-04	-2.26E-04	-9.12E-04	-6.14E-04
75	473418.71, 3847505.61	3.32552	11.58088	8.19574	-0.0004081	-0.0014212	-0.0010058	-1.91E-04	-6.64E-04	-4.70E-04	-3.77E-04	-1.31E-03	-9.28E-04
76	473418.71, 3847530.61	5.0802	16.38149	11.64119	-0.0006234	-0.0020103	-0.0014286	-2.91E-04	-9.40E-04	-6.68E-04	-5.75E-04	-1.86E-03	-1.32E-03
77	473418.71, 3847555.61	8.319	25.72122	19.05845	-0.0010209	-0.0031565	-0.0023388	-4.77E-04	-1.48E-03	-1.09E-03	-9.42E-04	-2.91E-03	-2.16E-03

78	473443.71, 3847330.61	0.2797	2.93981	1.60282	-3.432E-05	-0.0003608	-0.0001967	-1.60E-05	-1.69E-04	-9.19E-05	-3.17E-05	-3.33E-04	-1.82E-04
79	473443.71, 3847355.61	0.33264	3.22674	1.83708	-4.082E-05	-0.000396	-0.0002254	-1.91E-05	-1.85E-04	-1.05E-04	-3.77E-05	-3.66E-04	-2.08E-04
80	473443.71, 3847380.61	0.41088	3.56173	2.07999	-5.042E-05	-0.0004371	-0.0002553	-2.36E-05	-2.04E-04	-1.19E-04	-4.65E-05	-4.03E-04	-2.36E-04
81	473443.71, 3847405.61	0.53201	3.9889	2.32357	-6.529E-05	-0.0004895	-0.0002851	-3.05E-05	-2.29E-04	-1.33E-04	-6.03E-05	-4.52E-04	-2.63E-04
82	473443.71, 3847430.61	0.75045	4.72506	2.71753	-9.209E-05	-0.0005799	-0.0003335	-4.30E-05	-2.71E-04	-1.56E-04	-8.50E-05	-5.35E-04	-3.08E-04
83	473443.71, 3847455.61	1.1119	5.49613	3.41582	-0.0001365	-0.0006745	-0.0004192	-6.38E-05	-3.15E-04	-1.96E-04	-1.26E-04	-6.23E-04	-3.87E-04
84	473443.71, 3847480.61	1.78478	7.01217	4.60951	-0.000219	-0.0008605	-0.0005657	-1.02E-04	-4.02E-04	-2.64E-04	-2.02E-04	-7.94E-04	-5.22E-04
85	473443.71, 3847505.61	2.95586	10.31349	7.22133	-0.0003627	-0.0012657	-0.0008862	-1.70E-04	-5.92E-04	-4.14E-04	-3.35E-04	-1.17E-03	-8.18E-04
86	473443.71, 3847530.61	4.53905	15.02222	10.52871	-0.000557	-0.0018435	-0.0012921	-2.60E-04	-8.62E-04	-6.04E-04	-5.14E-04	-1.70E-03	-1.19E-03
87	473443.71, 3847555.61	7.3003	23.4481	17.10998	-0.0008959	-0.0028775	-0.0020997	-4.19E-04	-1.34E-03	-9.81E-04	-8.27E-04	-2.66E-03	-1.94E-03
88	473443.71, 3847580.61	10.3831	31.62215	23.05279	-0.0012742	-0.0038806	-0.002829	-5.96E-04	-1.81E-03	-1.32E-03	-1.18E-03	-3.58E-03	-2.61E-03
89	473468.71, 3847330.61	0.27313	2.76347	1.43861	-3.352E-05	-0.0003391	-0.0001765	-1.57E-05	-1.59E-04	-8.25E-05	-3.09E-05	-3.13E-04	-1.63E-04
90	473468.71, 3847355.61	0.33967	3.22323	1.76921	-4.168E-05	-0.0003955	-0.0002171	-1.95E-05	-1.85E-04	-1.01E-04	-3.85E-05	-3.65E-04	-2.00E-04
91	473468.71, 3847380.61	0.44551	3.86441	2.21199	-5.467E-05	-0.0004742	-0.0002715	-2.56E-05	-2.22E-04	-1.27E-04	-5.05E-05	-4.38E-04	-2.51E-04
92	473468.71, 3847405.61	0.58224	4.37459	2.49077	-7.145E-05	-0.0005368	-0.0003057	-3.34E-05	-2.51E-04	-1.43E-04	-6.60E-05	-4.96E-04	-2.82E-04
93	473468.71, 3847430.61	0.81569	5.13495	2.9671	-0.0001001	-0.0006302	-0.0003641	-4.68E-05	-2.95E-04	-1.70E-04	-9.24E-05	-5.82E-04	-3.36E-04
94	473468.71, 3847455.61	1.1764	5.91916	3.48839	-0.0001444	-0.0007264	-0.0004281	-6.75E-05	-3.40E-04	-2.00E-04	-1.33E-04	-6.71E-04	-3.95E-04
95	473468.71, 3847480.61	1.77276	7.20349	4.60941	-0.0002176	-0.000884	-0.0005657	-1.02E-04	-4.13E-04	-2.64E-04	-2.01E-04	-8.16E-04	-5.22E-04
96	473468.71, 3847505.61	2.73522	9.74004	6.63324	-0.0003357	-0.0011953	-0.000814	-1.57E-04	-5.59E-04	-3.80E-04	-3.10E-04	-1.10E-03	-7.51E-04
97	473468.71, 3847530.61	4.1395	14.04772	9.83124	-0.000508	-0.0017239	-0.0012065	-2.37E-04	-8.06E-04	-5.64E-04	-4.69E-04	-1.59E-03	-1.11E-03
98	473468.71, 3847555.61	6.0274	19.69314	13.97267	-0.0007397	-0.0024167	-0.0017147	-3.46E-04	-1.13E-03	-8.01E-04	-6.83E-04	-2.23E-03	-1.58E-03
99	473468.71, 3847580.61	8.63027	27.05205	19.68278	-0.0010591	-0.0033198	-0.0024154	-4.95E-04	-1.55E-03	-1.13E-03	-9.78E-04	-3.06E-03	-2.23E-03
100	473468.71, 3847605.61	12.05493	36.48421	25.70889	-0.0014794	-0.0044773	-0.003155	-6.91E-04	-2.09E-03	-1.47E-03	-1.37E-03	-4.13E-03	-2.91E-03
101	473493.71, 3847355.61	0.35215	3.24876	1.73729	-4.322E-05	-0.0003987	-0.0002132	-2.02E-05	-1.86E-04	-9.97E-05	-3.99E-05	-3.68E-04	-1.97E-04
102	473493.71, 3847380.61	0.45648	3.8255	2.13374	-5.602E-05	-0.0004695	-0.0002618	-2.62E-05	-2.19E-04	-1.22E-04	-5.17E-05	-4.33E-04	-2.42E-04
103	473493.71, 3847405.61	0.59933	4.39656	2.47581	-7.355E-05	-0.0005395	-0.0003038	-3.44E-05	-2.52E-04	-1.42E-04	-6.79E-05	-4.98E-04	-2.80E-04
104	473493.71, 3847430.61	0.84597	5.27122	3.01726	-0.0001038	-0.0006469	-0.0003703	-4.85E-05	-3.02E-04	-1.73E-04	-9.58E-05	-5.97E-04	-3.42E-04
105	473493.71, 3847455.61	1.22319	6.22254	3.64487	-0.0001501	-0.0007636	-0.0004473	-7.02E-05	-3.57E-04	-2.09E-04	-1.39E-04	-7.05E-04	-4.13E-04
106	473493.71, 3847480.61	1.78212	7.55619	4.75432	-0.0002187	-0.0009273	-0.0005834	-1.02E-04	-4.33E-04	-2.73E-04	-2.02E-04	-8.56E-04	-5.39E-04
107	473493.71, 3847505.61	2.57933	9.56687	6.31014	-0.0003165	-0.001174	-0.0007744	-1.48E-04	-5.49E-04	-3.62E-04	-2.92E-04	-1.08E-03	-7.15E-04
108	473493.71, 3847530.61	3.68949	12.6572	8.74189	-0.0004528	-0.0015533	-0.0010728	-2.12E-04	-7.26E-04	-5.01E-04	-4.18E-04	-1.43E-03	-9.90E-04
109	473493.71, 3847555.61	5.09491	16.90322	11.69	-0.0006252	-0.0020743	-0.0014346	-2.92E-04	-9.70E-04	-6.71E-04	-5.77E-04	-1.91E-03	-1.32E-03
110	473493.71, 3847580.61	7.19931	23.09826	16.76898	-0.0008835	-0.0028346	-0.0020579	-4.13E-04	-1.32E-03	-9.62E-04	-8.16E-04	-2.62E-03	-1.90E-03
111	473493.71, 3847605.61	10.13163	31.38905	22.51599	-0.0012433	-0.003852	-0.0027631	-5.81E-04	-1.80E-03	-1.29E-03	-1.15E-03	-3.56E-03	-2.55E-03
112	473518.71, 3847355.61	0.34641	2.99925	1.57491	-4.251E-05	-0.0003681	-0.0001933	-1.99E-05	-1.72E-04	-9.03E-05	-3.92E-05	-3.40E-04	-1.78E-04
113	473518.71, 3847380.61	0.44133	3.46033	1.87855	-5.416E-05	-0.0004246	-0.0002305	-2.53E-05	-1.98E-04	-1.08E-04	-5.00E-05	-3.92E-04	-2.13E-04
114	473518.71, 3847405.61	0.56522	3.82181	2.22902	-6.936E-05	-0.000469	-0.0002735	-3.24E-05	-2.19E-04	-1.28E-04	-6.40E-05	-4.33E-04	-2.53E-04
115	473518.71, 3847430.61	0.8075	4.78862	2.76298	-9.91E-05	-0.0005877	-0.0003391	-4.63E-05	-2.75E-04	-1.58E-04	-9.15E-05	-5.42E-04	-3.13E-04
116	473518.71, 3847455.61	1.16871	5.83574	3.43104	-0.0001434	-0.0007162	-0.0004211	-6.70E-05	-3.35E-04	-1.97E-04	-1.32E-04	-6.61E-04	-3.89E-04
117	473518.71, 3847480.61	1.69476	7.29054	4.474	-0.000208	-0.0008947	-0.000549	-9.72E-05	-4.18E-04	-2.57E-04	-1.92E-04	-8.26E-04	-5.07E-04
118	473518.71, 3847505.61	2.42307	9.30628	5.96413	-0.0002974	-0.0011421	-0.0007319	-1.39E-04	-5.34E-04	-3.42E-04	-2.74E-04	-1.05E-03	-6.76E-04
119	473518.71, 3847530.61	3.38485	11.84352	7.8543	-0.0004154	-0.0014534	-0.0009639	-1.94E-04	-6.79E-04	-4.51E-04	-3.83E-04	-1.34E-03	-8.90E-04
120	473518.71, 3847555.61	4.6432	15.8378	10.71588	-0.0005698	-0.0019436	-0.001315	-2.66E-04	-9.08E-04	-6.15E-04	-5.26E-04	-1.79E-03	-1.21E-03
121	473518.71, 3847580.61	6.41036	21.12018	15.20168	-0.0007867	-0.0025918	-0.0018655	-3.68E-04	-1.21E-03	-8.72E-04	-7.26E-04	-2.39E-03	-1.72E-03
122	473518.71, 3847605.61	8.74299	27.65402	19.90489	-0.0010729	-0.0033937	-0.0024427	-5.01E-04	-1.59E-03	-1.14E-03	-9.90E-04	-3.13E-03	-2.25E-03
123	473518.71, 3847630.61	11.8118	36.12329	25.32588	-0.0014495	-0.004433	-0.0031079	-6.78E-04	-2.07E-03	-1.45E-03	-1.34E-03	-4.09E-03	-2.87E-03
124	473543.71, 3847380.61	0.39672	2.76375	1.52926	-4.868E-05	-0.0003392	-0.0001877	-2.28E-05	-1.59E-04	-8.77E-05	-4.49E-05	-3.13E-04	-1.73E-04
125	473543.71, 3847405.61	0.54611	3.44595	1.91339	-6.702E-05	-0.0004229	-0.0002348	-3.13E-05	-1.98E-04	-1.10E-04	-6.19E-05	-3.90E-04	-2.17E-04
126	473543.71, 3847430.61	0.77041	4.29786	2.54467	-9.454E-05	-0.0005274	-0.0003123	-4.42E-05	-2.47E-04	-1.46E-04	-8.73E-05	-4.87E-04	-2.88E-04
127	473543.71, 3847455.61	1.10259	5.37269	3.24543	-0.0001353	-0.0006593	-0.0003983	-6.32E-05	-3.08E-04	-1.86E-04	-1.25E-04	-6.09E-04	-3.68E-04
128	473543.71, 3847480.61	1.57547	6.79513	4.13355	-0.0001933	-0.0008339	-0.0005073	-9.04E-05	-3.90E-04	-2.37E-04	-1.78E-04	-7.70E-04	-4.68E-04
129	473543.71, 3847505.61	2.22142	8.68586	5.44596	-0.0002726	-0.0010659	-0.0006683	-1.27E-04	-4.98E-04	-3.12E-04	-2.52E-04	-9.84E-04	-6.17E-04
130	473543.71, 3847530.61	3.08962	11.16317	7.15696	-0.0003792	-0.0013699	-0.0008783	-1.77E-04	-6.40E-04	-4.11E-04	-3.50E-04	-1.26E-03	-8.11E-04
131	473543.71, 3847555.61	4.14958	14.32265	9.61714	-0.0005092	-0.0017577	-0.0011802	-2.38E-04	-8.22E-04	-5.52E-04	-4.70E-04	-1.62E-03	-1.09E-03
132	473543.71, 3847580.61	5.48116	18.38786	13.00313	-0.0006726	-0.0022565	-0.0015957	-3.14E-04	-1.05E-03	-7.46E-04	-6.21E-04	-2.08E-03	-1.47E-03
133	473543.71, 3847605.61	7.47687	24.27052	17.37692	-0.0009175	-0.0029784	-0.0021325	-4.29E-04	-1.39E-03	-9.97E-04	-8.47E-04	-2.75E-03	-1.97E-03
134	473543.71, 3847630.61	9.90615	31.10019	22.2197	-0.0012157	-0.0038166	-0.0027268	-5.68E-04	-1.78E-03	-1.27E-03	-1.12E-03	-3.52E-03	-2.52E-03
135	473568.71, 3847380.61	0.39808	2.62134	1.44246	-4.885E-05	-0.0003217	-0.000177	-2.28E-05	-1.50E-04	-8.27E-05	-4.51E-05	-2.97E-04	-1.63E-04
136	473568.71, 3847405.61	0.51069	2.95364	1.68865	-6.267E-05	-0.0003625	-0.0002072	-2.93E-05	-1.69E-04	-9.69E-05	-5.79E-05	-3.35E-04	-1.91E-04
137	473568.71, 3847430.61	0.69856	3.54381	2.10975	-8.573E-05	-0.0004349	-0.0002589	-4.01E-05	-2.03E-04	-1.21E-04	-7.91E-05	-4.01E-04	-2.39E-04
138	473568.71, 3847455.61	1.01252	4.6967	2.86505	-0.0001243	-0.0005764	-0.0003516	-5.81E-05	-2.69E-04	-1.64E-04	-1.15E-04	-5.32E-04	-3.25E-04
139	473568.71, 3847480.61	1.46419	6.26149	3.85604	-0.0001797	-0.0007684	-0.0004732	-8.40E-05	-3.59E-04	-2.21E-04	-1.66E-04	-7.09E-04	-4.37E-04
140	473568.71, 3847505.61	2.05111	8.13812	5.00963	-0.0002517	-0.0009987	-0.0006148	-1.18E-04	-4.67E-04	-2.87E-04	-2.32E-04	-9.22E-04	-5.67E-04
141	473568.71, 3847530.61	2.77404	10.19193	6.43577	-0.0003404	-0.0012507	-0.0007898	-1.59E-04	-5.85E-04	-3.69E-04	-3.14E-04	-1.15E-03	-7.29E-04
142	473568.71, 3847555.61	3.54694	12.15904	8.20728	-0.0004353	-0.0014921	-0.0010072	-2.03E-04	-6.97E-04	-4.71E-04	-4.02E-04	-1.38E-03	-9.30E-04
143	473568.71, 3847580.61	4.6475	15.5973	10.86041	-0.0005703	-0.0019141	-0.0013328	-2.67E-04	-8.95E-04	-6.23E-04	-5.26E-04	-1.77E-03	-1.23E-03
144	473568.71, 3847605.61	6.09768	19.94909	14.27053	-0.0007483	-0.0024481	-0.0017513	-3.50E-04	-1.14E-03	-8.19E-04	-6.91E-04	-2.26E-03	-1.62E-03
145	473568.71, 3847630.61	8.396	26.76663	19.04207	-0.0010303	-0.0032848	-0.0023368	-4.82E-04	-1.54E-03	-1.09E-03	-9.51E-04	-3.03E-03	-2.16E-03
146	473568.71, 3847655.61	11.21014	34.8736	24.42147	-0.0013757	-0.0042796	-0.002997	-6.43E-04	-2.00E-03	-1.40E-03	-1.27E-03	-3.95E-03	-2.77E-03
147	473593.71, 3847405.61	0.52336	2.90523	1.67358	-6.423E-05	-0.0003565	-0.0002054	-3.00E-05	-1.67E-04	-9.60E-05	-5.93E-05	-3.29E-04	-1.90E-04
148	473593.71, 3847430.61	0.67584	3.24316	1.95268	-8.294E-05	-0.000398	-0.0002396	-3.88E-05	-1.86E-04	-1.12E-04	-7.66E-05	-3.67E-04	-2.21E-04
149	473593.71, 3847455.61	0.94406	4.1406	2.59768	-0.0001159	-0.0005081	-0.0003188	-5.42E-05	-2.38E-04	-1.49E-04	-1.07E-04	-4.69E-04	-2.94E-04
150	473593.71, 3847480.61	1.36051	5.69364	3.51049	-0.000167	-0.0006987	-0.0004308	-7.80E-05	-3.27E-04	-2.01E-04	-1.54E-04	-6.45E-04	-3.98E-04
151	473593.71, 3847505.61	1.89895	7.56855	4.62764	-0.000233	-0.0009288	-0.0005679	-1.09E-04	-4.34E-04	-2.65E-04	-2.15E-04	-8.57E-04	-5.24E-04
152	473593.71, 3847530.61	2.47173	9.1365	5.75633	-0.0003033	-0.0011212	-0.0007064	-1.42E-04	-5.24E-04	-3.30E-04	-2.80E-04	-1.03E-03	-6.52E-04
153	473593.71, 3847555.61	3.18538	11.08736	7.41728	-0.0003909	-0.0013606	-0.0009102	-1.83E-04	-6.36E-04	-4.25E-04	-3.61E-04	-1.26E-03	-8.40E-04
154	473593.71, 3847580.61	4.12692	13.89937	9.54328	-0.0005064	-0.0017057	-0.0011711	-2.37E-04	-7.97E-04	-5.47E-04	-4.67E-04	-1.57E-03	-1.08E-03
155	473593.71, 3847605.61	5.33045	17.58261	12.52089	-0.0006541	-0.0021577	-0.0015365	-3.06E-04	-1.01E-03	-7.18E-04	-6.04E-04	-1.99E-03	-1.42E-03
156	473593.71, 3847630.61	7.08893	23.08217	16.38121	-0.0008699	-0.0028326	-0.0020103	-4.07E-04	-1.32E-03	-9.40E-04	-8.03E-04	-2.61E-03	-1.86E-03
157	473593.71, 3847655.61	9.59351	30.47349	21.59865	-0.0011773	-0.0037397	-0.0026505	-5.50E-04	-1.75E-03	-1.24E-03	-1.09E-03	-3.45E-03	-2.45E-03
158	473593.71, 3847680.61	12.93596	39.51736	27.51729	-0.0015875	-0.0048495	-0.0033769	-7.42E-04	-2.27E-03	-1.58E-03	-1.47E-03	-4.48E-03	-3.12E-03
159	473618.71, 3847405.61	0.55174	2.9806	1.69943	-6.771E-05	-0.0003658	-0.0002086	-3.16E-05	-1.71E-04	-9.75E-05	-6.25E-05	-3.38E-04	-1.93E-04

160	473618.71, 3847430.61	0.71416	3.41669	2.03838	-8.764E-05	-0.0004193	-0.0002501	-4.10E-04	-1.96E-04	-1.17E-04	-8.09E-05	-3.87E-04	-2.31E-04
161	473618.71, 3847455.61	0.9606	4.20366	2.56899	-0.0001179	-0.0005159	-0.0003153	-5.51E-05	-2.41E-04	-1.47E-04	-1.09E-04	-4.76E-04	-2.91E-04
162	473618.71, 3847480.61	1.31333	5.43415	3.36145	-0.0001612	-0.0006669	-0.0004125	-7.53E-05	-3.12E-04	-1.93E-04	-1.49E-04	-6.16E-04	-3.81E-04
163	473618.71, 3847505.61	1.76623	6.99963	4.31596	-0.0002167	-0.000859	-0.0005296	-1.01E-04	-4.01E-04	-2.48E-04	-2.00E-04	-7.93E-04	-4.89E-04
164	473618.71, 3847530.61	2.27621	8.50207	5.33973	-0.0002793	-0.0010434	-0.0006553	-1.31E-04	-4.88E-04	-3.06E-04	-2.58E-04	-9.63E-04	-6.05E-04
165	473618.71, 3847555.61	2.939	10.46088	6.9165	-0.0003607	-0.0012837	-0.0008488	-1.69E-04	-6.00E-04	-3.97E-04	-3.33E-04	-1.19E-03	-7.83E-04
166	473618.71, 3847580.61	3.67612	12.53096	8.45843	-0.0004511	-0.0015378	-0.001038	-2.11E-04	-7.19E-04	-4.85E-04	-4.16E-04	-1.42E-03	-9.58E-04
167	473618.71, 3847605.61	4.65595	15.41656	11.06171	-0.0005714	-0.0018919	-0.0013575	-2.67E-04	-8.84E-04	-6.35E-04	-5.27E-04	-1.75E-03	-1.25E-03
168	473618.71, 3847630.61	6.02535	19.69738	14.02384	-0.0007394	-0.0024172	-0.001721	-3.46E-04	-1.13E-03	-8.04E-04	-6.83E-04	-2.23E-03	-1.59E-03
169	473618.71, 3847655.61	8.27092	26.58475	18.80779	-0.001015	-0.0032624	-0.0023081	-4.74E-04	-1.52E-03	-1.08E-03	-9.37E-04	-3.01E-03	-2.13E-03
170	473618.71, 3847680.61	10.91898	34.26237	24.08589	-0.00134	-0.0042046	-0.0029558	-6.26E-04	-1.97E-03	-1.38E-03	-1.24E-03	-3.88E-03	-2.73E-03
171	473643.71, 3847430.61	0.74752	3.5449	2.12388	-9.173E-05	-0.000435	-0.0002606	-4.29E-05	-2.03E-04	-1.22E-04	-8.47E-05	-4.02E-04	-2.41E-04
172	473643.71, 3847455.61	0.97321	4.19626	2.58536	-0.0001194	-0.000515	-0.0003173	-5.58E-05	-2.41E-04	-1.48E-04	-1.10E-04	-4.75E-04	-2.93E-04
173	473643.71, 3847480.61	1.26409	5.11821	3.2214	-0.0001551	-0.0006281	-0.0003953	-7.25E-05	-2.94E-04	-1.85E-04	-1.43E-04	-5.80E-04	-3.65E-04
174	473643.71, 3847505.61	1.6402	6.37603	4.02474	-0.0002013	-0.0007825	-0.0004939	-9.41E-05	-3.66E-04	-2.31E-04	-1.86E-04	-7.22E-04	-4.56E-04
175	473643.71, 3847530.61	2.08934	7.76903	4.89487	-0.0002564	-0.0009534	-0.0006007	-1.20E-04	-4.46E-04	-2.81E-04	-2.37E-04	-8.80E-04	-5.54E-04
176	473643.71, 3847555.61	2.64976	9.4812	6.28113	-0.0003252	-0.0011635	-0.0007708	-1.52E-04	-5.44E-04	-3.60E-04	-3.00E-04	-1.07E-03	-7.12E-04
177	473643.71, 3847580.61	3.23713	11.04773	7.54589	-0.0003973	-0.0013558	-0.000926	-1.86E-04	-6.34E-04	-4.33E-04	-3.67E-04	-1.25E-03	-8.55E-04
178	473643.71, 3847605.61	4.05633	13.43242	9.55559	-0.0004978	-0.0016484	-0.0011726	-2.33E-04	-7.70E-04	-5.48E-04	-4.59E-04	-1.52E-03	-1.08E-03
179	473643.71, 3847630.61	5.23508	17.10512	12.21662	-0.0006424	-0.0020991	-0.0014992	-3.00E-04	-9.81E-04	-7.01E-04	-5.93E-04	-1.94E-03	-1.38E-03
180	473643.71, 3847655.61	6.96201	22.62629	16.04851	-0.0008544	-0.0027767	-0.0019694	-3.99E-04	-1.30E-03	-9.21E-04	-7.89E-04	-2.56E-03	-1.82E-03
181	473643.71, 3847680.61	9.33999	29.88035	21.13554	-0.0011462	-0.0036669	-0.0025937	-5.36E-04	-1.71E-03	-1.21E-03	-1.06E-03	-3.38E-03	-2.39E-03
182	473643.71, 3847705.61	12.40232	38.30041	26.75843	-0.001522	-0.0047002	-0.0032837	-7.11E-04	-2.20E-03	-1.53E-03	-1.40E-03	-4.34E-03	-3.03E-03
183	473668.71, 3847430.61	0.69307	3.09022	1.88263	-8.505E-05	-0.0003792	-0.000231	-3.98E-05	-1.77E-04	-1.08E-04	-7.85E-05	-3.50E-04	-2.13E-04
184	473668.71, 3847455.61	0.88486	3.53206	2.22828	-0.0001086	-0.0004334	-0.0002735	-5.08E-05	-2.03E-04	-1.28E-04	-1.00E-04	-4.00E-04	-2.52E-04
185	473668.71, 3847480.61	1.14936	4.34652	2.80353	-0.000141	-0.0005334	-0.000344	-6.59E-05	-2.49E-04	-1.61E-04	-1.30E-04	-4.92E-04	-3.18E-04
186	473668.71, 3847505.61	1.46809	5.39831	3.47594	-0.0001802	-0.0006625	-0.0004266	-8.42E-05	-3.10E-04	-1.99E-04	-1.66E-04	-6.12E-04	-3.94E-04
187	473668.71, 3847530.61	1.79629	6.29229	4.10065	-0.0002204	-0.0007722	-0.0005032	-1.03E-04	-3.61E-04	-2.35E-04	-2.03E-04	-7.13E-04	-4.65E-04
188	473668.71, 3847555.61	2.32729	8.12473	5.37632	-0.0002856	-0.0009971	-0.0006598	-1.33E-04	-4.66E-04	-3.08E-04	-2.64E-04	-9.20E-04	-6.09E-04
189	473668.71, 3847580.61	2.92712	10.02826	6.89939	-0.0003592	-0.0012307	-0.0008467	-1.68E-04	-5.75E-04	-3.96E-04	-3.32E-04	-1.14E-03	-7.82E-04
190	473668.71, 3847605.61	3.69766	12.5503	8.72361	-0.0004538	-0.0015402	-0.0010705	-2.12E-04	-7.20E-04	-5.00E-04	-4.19E-04	-1.42E-03	-9.88E-04
191	473668.71, 3847630.61	4.69238	15.56705	11.24083	-0.0005758	-0.0019104	-0.0013795	-2.69E-04	-8.93E-04	-6.45E-04	-5.32E-04	-1.76E-03	-1.27E-03
192	473668.71, 3847655.61	5.95623	19.43767	13.89829	-0.0007309	-0.0023854	-0.0017056	-3.42E-04	-1.11E-03	-7.97E-04	-6.75E-04	-2.20E-03	-1.57E-03
193	473668.71, 3847680.61	8.00558	25.84989	18.34265	-0.0009824	-0.0031723	-0.002251	-4.59E-04	-1.48E-03	-1.05E-03	-9.07E-04	-2.93E-03	-2.08E-03
194	473668.71, 3847705.61	10.49637	33.26456	23.39204	-0.0012881	-0.0040822	-0.0028706	-6.02E-04	-1.91E-03	-1.34E-03	-1.19E-03	-3.77E-03	-2.65E-03
195	473693.71, 3847455.61	0.78718	2.94995	1.87756	-9.66E-05	-0.000362	-0.0002304	-4.52E-05	-1.69E-04	-1.08E-04	-8.92E-05	-3.34E-04	-2.13E-04
196	473693.71, 3847480.61	1.02609	3.59379	2.39804	-0.0001259	-0.000441	-0.0002943	-5.89E-05	-2.06E-04	-1.38E-04	-1.16E-04	-4.07E-04	-2.72E-04
197	473693.71, 3847505.61	1.30144	4.44203	2.94702	-0.0001597	-0.0005451	-0.0003617	-7.47E-05	-2.55E-04	-1.69E-04	-1.47E-04	-5.03E-04	-3.34E-04
198	473693.71, 3847530.61	1.54903	4.98238	3.36303	-0.0001901	-0.0006114	-0.0004127	-8.89E-05	-2.86E-04	-1.93E-04	-1.75E-04	-5.64E-04	-3.81E-04
199	473693.71, 3847555.61	1.98447	6.48905	4.32497	-0.0002435	-0.0007963	-0.0005308	-1.14E-04	-3.72E-04	-2.48E-04	-2.25E-04	-7.35E-04	-4.90E-04
200	473693.71, 3847580.61	2.64235	8.9646	6.15913	-0.0003243	-0.0011001	-0.0007558	-1.52E-04	-5.14E-04	-3.53E-04	-2.99E-04	-1.02E-03	-6.98E-04
201	473693.71, 3847605.61	3.4023	11.75449	8.06739	-0.0004175	-0.0014425	-0.00099	-1.95E-04	-6.74E-04	-4.63E-04	-3.85E-04	-1.33E-03	-9.14E-04
202	473693.71, 3847630.61	4.24133	14.41759	10.27435	-0.0005205	-0.0017693	-0.0012609	-2.43E-04	-8.27E-04	-5.89E-04	-4.80E-04	-1.63E-03	-1.16E-03
203	473693.71, 3847655.61	5.29045	17.47307	12.54437	-0.0006492	-0.0021443	-0.0015394	-3.03E-04	-1.00E-03	-7.20E-04	-5.99E-04	-1.98E-03	-1.42E-03
204	473693.71, 3847680.61	6.89996	22.60941	16.01441	-0.0008468	-0.0027746	-0.0019653	-3.96E-04	-1.30E-03	-9.19E-04	-7.82E-04	-2.56E-03	-1.81E-03
205	473693.71, 3847705.61	9.05972	29.12485	20.83327	-0.0011118	-0.0035742	-0.0025566	-5.20E-04	-1.67E-03	-1.19E-03	-1.03E-03	-3.30E-03	-2.36E-03
206	473693.71, 3847730.61	11.84688	36.96666	25.86788	-0.0014538	-0.0045365	-0.0031745	-6.80E-04	-2.12E-03	-1.48E-03	-1.34E-03	-4.19E-03	-2.93E-03
207	473718.71, 3847455.61	0.74177	2.72766	1.76713	-9.103E-05	-0.0003347	-0.0002169	-4.25E-05	-1.56E-04	-1.01E-04	-8.40E-05	-3.09E-04	-2.00E-04
208	473718.71, 3847480.61	0.91253	3.02021	2.04919	-0.000112	-0.0003706	-0.0002515	-5.23E-05	-1.73E-04	-1.18E-04	-1.03E-04	-3.42E-04	-2.32E-04
209	473718.71, 3847505.61	1.15188	3.66268	2.54397	-0.0001414	-0.0004495	-0.0003122	-6.61E-05	-2.10E-04	-1.46E-04	-1.30E-04	-4.15E-04	-2.88E-04
210	473718.71, 3847530.61	1.39772	4.29844	2.98581	-0.0001715	-0.0005275	-0.0003664	-8.02E-05	-2.47E-04	-1.71E-04	-1.58E-04	-4.87E-04	-3.38E-04
211	473718.71, 3847555.61	1.79986	5.64764	3.86434	-0.0002209	-0.0006931	-0.0004742	-1.03E-04	-3.24E-04	-2.22E-04	-2.04E-04	-6.40E-04	-4.38E-04
212	473718.71, 3847580.61	2.40897	8.03634	5.48192	-0.0002956	-0.0009862	-0.0006727	-1.38E-04	-4.61E-04	-3.14E-04	-2.73E-04	-9.10E-04	-6.21E-04
213	473718.71, 3847605.61	3.08425	10.62425	7.25794	-0.0003785	-0.0013038	-0.0008907	-1.77E-04	-6.09E-04	-4.16E-04	-3.49E-04	-1.20E-03	-8.22E-04
214	473718.71, 3847630.61	3.8192	13.11742	9.30362	-0.0004687	-0.0016097	-0.0011417	-2.19E-04	-7.52E-04	-5.34E-04	-4.33E-04	-1.49E-03	-1.05E-03
215	473718.71, 3847655.61	4.75954	16.08763	11.45364	-0.0005841	-0.0019742	-0.0014056	-2.73E-04	-9.23E-04	-6.57E-04	-5.39E-04	-1.82E-03	-1.30E-03
216	473718.71, 3847680.61	5.99635	19.77953	14.1902	-0.0007359	-0.0024273	-0.0017414	-3.44E-04	-1.13E-03	-8.14E-04	-6.79E-04	-2.24E-03	-1.61E-03
217	473718.71, 3847705.61	7.82256	25.45158	18.11285	-0.00096	-0.0031234	-0.0022228	-4.49E-04	-1.46E-03	-1.04E-03	-8.86E-04	-2.88E-03	-2.05E-03
218	473718.71, 3847730.61	10.13342	32.25554	22.8619	-0.0012436	-0.0039583	-0.0028056	-5.81E-04	-1.85E-03	-1.31E-03	-1.15E-03	-3.65E-03	-2.59E-03
219	473743.71, 3847480.61	0.87314	2.83987	1.94982	-0.0001072	-0.0003485	-0.0002393	-5.01E-05	-1.63E-04	-1.12E-04	-9.89E-05	-3.22E-04	-2.21E-04
220	473743.71, 3847505.61	1.10899	3.49964	2.43622	-0.0001361	-0.0004295	-0.000299	-6.36E-05	-2.01E-04	-1.40E-04	-1.26E-04	-3.96E-04	-2.76E-04
221	473743.71, 3847530.61	1.38531	4.34021	3.0115	-0.00017	-0.0005326	-0.0003696	-7.95E-05	-2.49E-04	-1.73E-04	-1.57E-04	-4.92E-04	-3.41E-04
222	473743.71, 3847555.61	1.76582	5.63103	3.83208	-0.0002167	-0.000691	-0.0004703	-1.01E-04	-3.23E-04	-2.20E-04	-2.00E-04	-6.38E-04	-4.34E-04
223	473743.71, 3847580.61	2.25318	7.42951	5.11751	-0.0002765	-0.0009117	-0.000628	-1.29E-04	-4.26E-04	-2.94E-04	-2.55E-04	-8.42E-04	-5.80E-04
224	473743.71, 3847605.61	2.81736	9.59873	6.44752	-0.0003457	-0.0011779	-0.0007912	-1.62E-04	-5.51E-04	-3.70E-04	-3.19E-04	-1.09E-03	-7.30E-04
225	473743.71, 3847630.61	3.47414	11.96169	8.33795	-0.0004263	-0.0014679	-0.0010232	-1.99E-04	-6.86E-04	-4.78E-04	-3.94E-04	-1.36E-03	-9.45E-04
226	473743.71, 3847655.61	4.28334	14.68446	10.41558	-0.0005256	-0.0018021	-0.0012782	-2.46E-04	-8.42E-04	-5.97E-04	-4.85E-04	-1.66E-03	-1.18E-03
227	473743.71, 3847680.61	5.19339	17.29674	12.27645	-0.0006373	-0.0021226	-0.0015065	-2.98E-04	-9.92E-04	-7.04E-04	-5.88E-04	-1.96E-03	-1.39E-03
228	473743.71, 3847705.61	6.50916	21.09091	15.05393	-0.0007988	-0.0025882	-0.0018474	-3.73E-04	-1.21E-03	-8.63E-04	-7.37E-04	-2.39E-03	-1.71E-03
229	473743.71, 3847730.61	8.72389	28.12243	20.13987	-0.0010706	-0.0034511	-0.0024715	-5.00E-04	-1.61E-03	-1.16E-03	-9.88E-04	-3.19E-03	-2.28E-03
230	473743.71, 3847755.61	11.34537	35.62338	25.02184	-0.0013923	-0.0043716	-0.0030706	-6.51E-04	-2.04E-03	-1.44E-03	-1.29E-03	-4.04E-03	-2.83E-03
231	473768.71, 3847480.61	0.85768	2.76007	1.91953	-0.0001053	-0.0003387	-0.0002356	-4.92E-05	-1.58E-04	-1.10E-04	-9.72E-05	-3.13E-04	-2.17E-04
232	473768.71, 3847505.61	1.0689	3.33094	2.33047	-0.0001312	-0.0004088	-0.000286	-6.13E-05	-1.91E-04	-1.34E-04	-1.21E-04	-3.77E-04	-2.64E-04
233	473768.71, 3847530.61	1.35948	4.27353	2.98977	-0.0001668	-0.0005244	-0.0003669	-7.80E-05	-2.45E-04	-1.71E-04	-1.54E-04	-4.84E-04	-3.39E-04
234	473768.71, 3847555.61	1.68253	5.33208	3.66846	-0.0002065	-0.0006543	-0.0004502	-9.65E-05	-3.06E-04	-2.10E-04	-1.91E-04	-6.04E-04	-4.16E-04
235	473768.71, 3847580.61	2.09874	6.79263	4.75948	-0.0002576	-0.0008336	-0.0005841	-1.20E-04	-3.90E-04	-2.73E-04	-2.38E-04	-7.69E-04	-5.39E-04
236	473768.71, 3847605.61	2.58291	8.62573	5.86782	-0.000317	-0.0010585	-0.0007201	-1.48E-04	-4.95E-04	-3.37E-04	-2.93E-04	-9.77E-04	-6.65E-04
237	473768.71, 3847630.61	3.15405	10.74288	7.44092	-0.0003871	-0.0013183	-0.0009131	-1.81E-04	-6.16E-04	-4.27E-04	-3.57E-04	-1.22E-03	-8.43E-04
238	473768.71, 3847655.61	3.85737	13.24161	9.30147	-0.0004734	-0.001625	-0.0011415	-2.21E-04	-7.60E-04	-5.34E-04	-4.37E-04	-1.50E-03	-1.05E-03
239	473768.71, 3847680.61	4.674	15.84304	11.24039	-0.0005736	-0.0019442	-0.0013794	-2.68E-04	-9.09E-04	-6.45E-04	-5.29E-04	-1.79E-03	-1.27E-03
240	473768.71, 3847705.61	5.76731	19.10374	13.53736	-0.0007078	-0.0023444	-0.0016613	-3.31E-04	-1.10E-03	-7.77E-04	-6.53E-04	-2.16E-03	-1.53E-03
241	473768.71, 3847730.61	7.37684	23.87765	17.11693	-0.0009053	-0.0029302	-0.0021006	-4.23E-04	-1.37E-03	-9.82E-04	-8.36E-04	-2.70E-03	-1.94E-03

242	473768.71, 3847755.61	9.69429	31.01009	22.0032	-0.0011897	-0.0038055	-0.0027002	-5.56E-04	-1.78E-03	-1.26E-03	-1.10E-03	-3.51E-03	-2.49E-03
243	473768.71, 3847780.61	12.74852	39.46042	27.64402	-0.0015645	-0.0048425	-0.0033924	-7.31E-04	-2.26E-03	-1.59E-03	-1.44E-03	-4.47E-03	-3.13E-03
244	473793.71, 3847505.61	0.98829	2.99911	2.13543	-0.0001213	-0.000368	-0.0002621	-5.67E-05	-1.72E-04	-1.22E-04	-1.12E-04	-3.40E-04	-2.42E-04
245	473793.71, 3847530.61	1.23566	3.68448	2.63299	-0.0001516	-0.0004522	-0.0003231	-7.09E-05	-2.11E-04	-1.51E-04	-1.40E-04	-4.17E-04	-2.98E-04
246	473793.71, 3847555.61	1.55103	4.74863	3.33594	-0.0001903	-0.0005827	-0.0004094	-8.90E-05	-2.72E-04	-1.91E-04	-1.76E-04	-5.38E-04	-3.78E-04
247	473793.71, 3847580.61	1.92016	6.02634	4.3056	-0.0002356	-0.0007395	-0.0005284	-1.10E-04	-3.46E-04	-2.47E-04	-2.18E-04	-6.83E-04	-4.88E-04
248	473793.71, 3847605.61	2.36102	7.63601	5.33344	-0.0002897	-0.0009371	-0.0006545	-1.35E-04	-4.38E-04	-3.06E-04	-2.67E-04	-8.65E-04	-6.04E-04
249	473793.71, 3847630.61	2.89169	9.69066	6.68576	-0.0003549	-0.0011892	-0.0008205	-1.66E-04	-5.56E-04	-3.83E-04	-3.28E-04	-1.10E-03	-7.57E-04
250	473793.71, 3847655.61	3.53432	12.09882	8.53547	-0.0004337	-0.0014847	-0.0010475	-2.03E-04	-6.94E-04	-4.90E-04	-4.00E-04	-1.37E-03	-9.67E-04
251	473793.71, 3847680.61	4.31509	14.86282	10.41986	-0.0005295	-0.0018239	-0.0012787	-2.48E-04	-8.53E-04	-5.98E-04	-4.89E-04	-1.68E-03	-1.18E-03
252	473793.71, 3847705.61	5.05652	16.91241	11.923	-0.0006205	-0.0020755	-0.0014632	-2.90E-04	-9.70E-04	-6.84E-04	-5.73E-04	-1.92E-03	-1.35E-03
253	473793.71, 3847730.61	6.11569	19.76118	13.97858	-0.0007505	-0.0024251	-0.0017154	-3.51E-04	-1.13E-03	-8.02E-04	-6.93E-04	-2.24E-03	-1.58E-03
254	473793.71, 3847755.61	7.98856	25.5449	18.48537	-0.0009803	-0.0031348	-0.0022685	-4.58E-04	-1.47E-03	-1.06E-03	-9.05E-04	-2.89E-03	-2.09E-03
255	473793.71, 3847780.61	10.84348	34.25063	24.08426	-0.0013307	-0.0042032	-0.0029556	-6.22E-04	-1.96E-03	-1.38E-03	-1.23E-03	-3.88E-03	-2.73E-03
256	473818.71, 3847505.61	0.96304	2.88239	2.09039	-0.0001182	-0.0003537	-0.0002565	-5.52E-05	-1.65E-04	-1.20E-04	-1.09E-04	-3.27E-04	-2.37E-04
257	473818.71, 3847530.61	1.1421	3.29266	2.40085	-0.0001402	-0.0004041	-0.0002946	-6.55E-05	-1.89E-04	-1.38E-04	-1.29E-04	-3.73E-04	-2.72E-04
258	473818.71, 3847555.61	1.44166	4.25992	3.08817	-0.0001769	-0.0005228	-0.000379	-8.27E-05	-2.44E-04	-1.77E-04	-1.63E-04	-4.83E-04	-3.50E-04
259	473818.71, 3847580.61	1.7296	5.20804	3.77172	-0.0002123	-0.0006391	-0.0004629	-9.92E-05	-2.99E-04	-2.16E-04	-1.96E-04	-5.90E-04	-4.27E-04
260	473818.71, 3847605.61	2.14149	6.72029	4.77838	-0.0002628	-0.0008247	-0.0005864	-1.23E-04	-3.85E-04	-2.74E-04	-2.43E-04	-7.61E-04	-5.41E-04
261	473818.71, 3847630.61	2.67579	8.79247	6.1326	-0.0003284	-0.001079	-0.0007526	-1.53E-04	-5.04E-04	-3.52E-04	-3.03E-04	-9.96E-04	-6.95E-04
262	473818.71, 3847655.61	3.22996	10.884	7.71522	-0.0003964	-0.0013357	-0.0009468	-1.85E-04	-6.24E-04	-4.43E-04	-3.66E-04	-1.23E-03	-8.74E-04
263	473818.71, 3847680.61	3.85917	13.1148	9.19987	-0.0004736	-0.0016094	-0.001129	-2.21E-04	-7.52E-04	-5.28E-04	-4.37E-04	-1.49E-03	-1.04E-03
264	473818.71, 3847705.61	4.29355	14.23485	10.02371	-0.0005269	-0.0017469	-0.0012301	-2.46E-04	-8.17E-04	-5.75E-04	-4.86E-04	-1.61E-03	-1.14E-03
265	473818.71, 3847730.61	5.16766	16.67671	11.72837	-0.0006342	-0.0020465	-0.0014393	-2.96E-04	-9.57E-04	-6.73E-04	-5.85E-04	-1.89E-03	-1.33E-03
266	473818.71, 3847755.61	6.6912	21.32382	15.3696	-0.0008211	-0.0026168	-0.0018861	-3.84E-04	-1.22E-03	-8.82E-04	-7.58E-04	-2.42E-03	-1.74E-03
267	473818.71, 3847780.61	9.28917	29.73849	21.24575	-0.00114	-0.0036495	-0.0026072	-5.33E-04	-1.71E-03	-1.22E-03	-1.05E-03	-3.37E-03	-2.41E-03
268	473818.71, 3847805.61	12.16195	37.81965	26.69719	-0.0014925	-0.0046412	-0.0032762	-6.98E-04	-2.17E-03	-1.53E-03	-1.38E-03	-4.28E-03	-3.02E-03
269	473843.71, 3847530.61	1.09045	3.16743	2.33922	-0.0001338	-0.0003887	-0.0002871	-6.25E-05	-1.82E-04	-1.34E-04	-1.24E-04	-3.59E-04	-2.65E-04
270	473843.71, 3847555.61	1.29677	3.60936	2.71176	-0.0001591	-0.0004429	-0.0003328	-7.44E-05	-2.07E-04	-1.56E-04	-1.47E-04	-4.09E-04	-3.07E-04
271	473843.71, 3847580.61	1.54393	4.39615	3.24992	-0.0001895	-0.0005395	-0.0003988	-8.86E-05	-2.52E-04	-1.86E-04	-1.75E-04	-4.98E-04	-3.68E-04
272	473843.71, 3847605.61	1.93173	5.83593	4.19418	-0.0002371	-0.0007162	-0.0005147	-1.11E-04	-3.35E-04	-2.41E-04	-2.19E-04	-6.61E-04	-4.75E-04
273	473843.71, 3847630.61	2.43436	7.80085	5.44474	-0.0002987	-0.0009573	-0.0006682	-1.40E-04	-4.47E-04	-3.12E-04	-2.76E-04	-8.84E-04	-6.17E-04
274	473843.71, 3847655.61	2.90287	9.46627	6.71837	-0.0003562	-0.0011617	-0.0008245	-1.67E-04	-5.43E-04	-3.85E-04	-3.29E-04	-1.07E-03	-7.61E-04
275	473843.71, 3847680.61	3.48284	11.58317	8.29824	-0.0004274	-0.0014215	-0.0010183	-2.00E-04	-6.64E-04	-4.76E-04	-3.95E-04	-1.31E-03	-9.40E-04
276	473843.71, 3847705.61	3.96711	13.19444	9.28731	-0.0004868	-0.0016192	-0.0011397	-2.28E-04	-7.57E-04	-5.33E-04	-4.49E-04	-1.49E-03	-1.05E-03
277	473843.71, 3847730.61	4.68027	15.28042	10.82405	-0.0005744	-0.0018752	-0.0013283	-2.68E-04	-8.76E-04	-6.21E-04	-5.30E-04	-1.73E-03	-1.23E-03
278	473843.71, 3847755.61	5.92407	19.28035	13.49817	-0.000727	-0.0023661	-0.0016565	-3.40E-04	-1.11E-03	-7.74E-04	-6.71E-04	-2.18E-03	-1.53E-03
279	473843.71, 3847780.61	8.09337	26.12324	19.07348	-0.0009932	-0.0032058	-0.0023407	-4.64E-04	-1.50E-03	-1.09E-03	-9.17E-04	-2.96E-03	-2.16E-03
280	473843.71, 3847805.61	10.35781	32.80503	23.13733	-0.0012711	-0.0040258	-0.0028394	-5.94E-04	-1.88E-03	-1.33E-03	-1.17E-03	-3.72E-03	-2.62E-03
281	473868.71, 3847530.61	1.07276	3.03999	2.29255	-0.0001316	-0.0003731	-0.0002813	-6.15E-05	-1.74E-04	-1.32E-04	-1.22E-04	-3.44E-04	-2.60E-04
282	473868.71, 3847555.61	1.22123	3.41745	2.61557	-0.0001499	-0.0004194	-0.000321	-7.00E-05	-1.96E-04	-1.50E-04	-1.38E-04	-3.87E-04	-2.96E-04
283	473868.71, 3847580.61	1.44891	4.15195	3.11541	-0.0001778	-0.0005095	-0.0003823	-8.31E-05	-2.38E-04	-1.79E-04	-1.64E-04	-4.70E-04	-3.53E-04
284	473868.71, 3847605.61	1.75777	5.10637	3.76949	-0.0002157	-0.0006266	-0.0004626	-1.01E-04	-2.93E-04	-2.16E-04	-1.99E-04	-5.78E-04	-4.27E-04
285	473868.71, 3847630.61	2.20022	6.79738	4.8234	-0.00027	-0.0008342	-0.0005919	-1.26E-04	-3.90E-04	-2.77E-04	-2.49E-04	-7.70E-04	-5.46E-04
286	473868.71, 3847655.61	2.68062	8.62176	6.05577	-0.000329	-0.001058	-0.0007432	-1.54E-04	-4.95E-04	-3.47E-04	-3.04E-04	-9.77E-04	-6.86E-04
287	473868.71, 3847680.61	3.26508	10.84313	7.74576	-0.0004007	-0.0013307	-0.0009505	-1.87E-04	-6.22E-04	-4.44E-04	-3.70E-04	-1.23E-03	-8.77E-04
288	473868.71, 3847705.61	3.89544	13.10141	9.22359	-0.000478	-0.0016078	-0.0011319	-2.23E-04	-7.51E-04	-5.29E-04	-4.41E-04	-1.48E-03	-1.04E-03
289	473868.71, 3847730.61	4.515	15.05447	10.65549	-0.0005541	-0.0018475	-0.0013076	-2.59E-04	-8.64E-04	-6.11E-04	-5.11E-04	-1.71E-03	-1.21E-03
290	473868.71, 3847755.61	5.4609	18.15748	12.72599	-0.0006702	-0.0022283	-0.0015617	-3.13E-04	-1.04E-03	-7.30E-04	-6.19E-04	-2.06E-03	-1.44E-03
291	473868.71, 3847780.61	7.09784	23.50335	16.67999	-0.000871	-0.0028843	-0.0020469	-4.07E-04	-1.35E-03	-9.57E-04	-8.04E-04	-2.66E-03	-1.89E-03
292	473868.71, 3847805.61	9.0345	28.9578	20.93077	-0.0011087	-0.0035537	-0.0025686	-5.18E-04	-1.66E-03	-1.20E-03	-1.02E-03	-3.28E-03	-2.37E-03
293	473868.71, 3847830.61	11.57925	36.09091	25.46847	-0.001421	-0.004429	-0.0031254	-6.64E-04	-2.07E-03	-1.46E-03	-1.31E-03	-4.09E-03	-2.89E-03
294	473893.71, 3847555.61	1.21629	3.37703	2.61655	-0.0001493	-0.0004144	-0.0003211	-6.98E-05	-1.94E-04	-1.50E-04	-1.38E-04	-3.83E-04	-2.96E-04
295	473893.71, 3847580.61	1.39542	3.94578	3.01857	-0.0001712	-0.0004842	-0.0003704	-8.00E-05	-2.26E-04	-1.73E-04	-1.58E-04	-4.47E-04	-3.42E-04
296	473893.71, 3847605.61	1.65732	4.85735	3.623	-0.0002034	-0.0005961	-0.0004446	-9.51E-05	-2.79E-04	-2.08E-04	-1.88E-04	-5.50E-04	-4.10E-04
297	473893.71, 3847630.61	2.0142	6.02409	4.36632	-0.0002472	-0.0007393	-0.0005358	-1.16E-04	-3.46E-04	-2.50E-04	-2.28E-04	-6.82E-04	-4.95E-04
298	473893.71, 3847655.61	2.55359	8.21436	5.77295	-0.0003134	-0.0010081	-0.0007084	-1.46E-04	-4.71E-04	-3.31E-04	-2.89E-04	-9.31E-04	-6.54E-04
299	473893.71, 3847680.61	3.12151	10.43732	7.31488	-0.0003831	-0.0012809	-0.0008977	-1.79E-04	-5.99E-04	-4.20E-04	-3.54E-04	-1.18E-03	-8.29E-04
300	473893.71, 3847705.61	3.71228	12.63061	8.87547	-0.0004556	-0.00155	-0.0010892	-2.13E-04	-7.24E-04	-5.09E-04	-4.21E-04	-1.43E-03	-1.01E-03
301	473893.71, 3847730.61	4.37185	14.90198	10.33398	-0.0005365	-0.0018287	-0.0012682	-2.51E-04	-8.55E-04	-5.93E-04	-4.95E-04	-1.69E-03	-1.17E-03
302	473893.71, 3847755.61	5.17022	17.54962	12.37797	-0.0006345	-0.0021537	-0.001519	-2.97E-04	-1.01E-03	-7.10E-04	-5.86E-04	-1.99E-03	-1.40E-03
303	473893.71, 3847780.61	6.21383	20.82287	14.54034	-0.0007626	-0.0025553	-0.0017844	-3.56E-04	-1.19E-03	-8.34E-04	-7.04E-04	-2.36E-03	-1.65E-03
304	473893.71, 3847805.61	7.84154	25.54552	18.57812	-0.0009623	-0.0031349	-0.0022799	-4.50E-04	-1.47E-03	-1.07E-03	-8.88E-04	-2.89E-03	-2.10E-03
305	473893.71, 3847830.61	10.01606	31.77571	22.76394	-0.0012292	-0.0038995	-0.0027936	-5.75E-04	-1.82E-03	-1.31E-03	-1.13E-03	-3.60E-03	-2.58E-03
306	473893.71, 3847855.61	13.04775	39.94367	28.57168	-0.0016012	-0.0049018	-0.0035063	-7.48E-04	-2.29E-03	-1.64E-03	-1.48E-03	-4.52E-03	-3.24E-03
307	473918.71, 3847555.61	1.2721	3.58486	2.79643	-0.0001561	-0.0004399	-0.0003432	-7.30E-05	-2.06E-04	-1.60E-04	-1.44E-04	-4.06E-04	-3.17E-04
308	473918.71, 3847580.61	1.4056	4.02139	3.07816	-0.0001725	-0.0004935	-0.0003777	-8.06E-05	-2.31E-04	-1.77E-04	-1.59E-04	-4.56E-04	-3.49E-04
309	473918.71, 3847605.61	1.61216	4.6177	3.53605	-0.0001978	-0.0005667	-0.0004339	-9.25E-05	-2.65E-04	-2.03E-04	-1.83E-04	-5.23E-04	-4.01E-04
310	473918.71, 3847630.61	1.97528	5.95992	4.36285	-0.0002424	-0.0007314	-0.0005354	-1.13E-04	-3.42E-04	-2.50E-04	-2.24E-04	-6.75E-04	-4.94E-04
311	473918.71, 3847655.61	2.48252	8.05832	5.68364	-0.0003047	-0.0009889	-0.0006975	-1.42E-04	-4.62E-04	-3.26E-04	-2.81E-04	-9.13E-04	-6.44E-04
312	473918.71, 3847680.61	2.97292	9.94963	6.99156	-0.0003648	-0.001221	-0.000858	-1.71E-04	-5.71E-04	-4.01E-04	-3.37E-04	-1.13E-03	-7.92E-04
313	473918.71, 3847705.61	3.45194	11.67533	8.18927	-0.0004236	-0.0014328	-0.001005	-1.98E-04	-6.70E-04	-4.70E-04	-3.91E-04	-1.32E-03	-9.28E-04
314	473918.71, 3847730.61	3.97583	13.42934	9.40816	-0.0004879	-0.001648	-0.0011546	-2.28E-04	-7.70E-04	-5.40E-04	-4.50E-04	-1.52E-03	-1.07E-03
315	473918.71, 3847755.61	4.62008	15.51494	10.97311	-0.000567	-0.001904	-0.0013466	-2.65E-04	-8.90E-04	-6.29E-04	-5.23E-04	-1.76E-03	-1.24E-03
316	473918.71, 3847780.61	5.46198	18.16937	12.83631	-0.0006703	-0.0022297	-0.0015753	-3.13E-04	-1.04E-03	-7.36E-04	-6.19E-04	-2.06E-03	-1.45E-03
317	473918.71, 3847805.61	6.5625	21.47656	15.31112	-0.0008053	-0.0026356	-0.001879	-3.76E-04	-1.23E-03	-8.78E-04	-7.43E-04	-2.43E-03	-1.73E-03
318	473918.71, 3847830.61	8.65006	27.89986	20.20612	-0.0010615	-0.0034238	-0.0024797	-4.96E-04	-1.60E-03	-1.16E-03	-9.80E-04	-3.16E-03	-2.29E-03
319	473918.71, 3847855.61	11.1173	34.82803	24.8765	-0.0013643	-0.004274	-0.0030528	-6.38E-04	-2.00E-03	-1.43E-03	-1.26E-03	-3.95E-03	-2.82E-03
320	473943.71, 3847580.61	1.4773	4.27817	3.3074	-0.0001813	-0.000525	-0.0004059	-8.47E-05	-2.45E-04	-1.90E-04	-1.67E-04	-4.85E-04	-3.75E-04
321	473943.71, 3847605.61	1.71573	5.13168	3.88605	-0.0002106	-0.0006298	-0.0004769	-9.84E-05	-2.94E-04	-2.23E-04	-1.94E-04	-5.81E-04	-4.40E-04
322	473943.71, 3847630.61	2.0509	6.48189	4.76504	-0.0002517	-0.0007954	-0.0005848	-1.18E-04	-3.72E-04	-2.73E-04	-2.32E-04	-7.34E-04	-5.40E-04
323	473943.71, 3847655.61	2.41322	7.87784	5.61032	-0.0002961	-0.0009668	-0.0006885	-1.38E-04	-4.52E-04	-3.22E-04	-2.73E-04	-8.92E-04	-6.36E-04

324	473943.71, 3847680.61	2.75958	9.07703	6.40116	-0.0003387	-0.0011139	-0.0007855	-1.58E-04	-5.21E-04	-3.67E-04	-3.13E-04	-1.03E-03	-7.25E-04
325	473943.71, 3847705.61	3.11786	10.2537	7.24934	-0.0003826	-0.0012583	-0.0008896	-1.79E-04	-5.88E-04	-4.16E-04	-3.53E-04	-1.16E-03	-8.21E-04
326	473943.71, 3847730.61	3.52003	11.51844	8.19511	-0.000432	-0.0014135	-0.0010057	-2.02E-04	-6.61E-04	-4.70E-04	-3.99E-04	-1.30E-03	-9.28E-04
327	473943.71, 3847755.61	4.05602	13.26732	9.46579	-0.0004977	-0.0016281	-0.0011616	-2.33E-04	-7.61E-04	-5.43E-04	-4.59E-04	-1.50E-03	-1.07E-03
328	473943.71, 3847780.61	4.80833	15.77754	11.26708	-0.0005901	-0.0019362	-0.0013827	-2.76E-04	-9.05E-04	-6.46E-04	-5.45E-04	-1.79E-03	-1.28E-03
329	473943.71, 3847805.61	5.80426	18.998	13.51112	-0.0007123	-0.0023314	-0.0016581	-3.33E-04	-1.09E-03	-7.75E-04	-6.58E-04	-2.15E-03	-1.53E-03
330	473943.71, 3847830.61	7.35726	24.02692	17.36287	-0.0009029	-0.0029485	-0.0021307	-4.22E-04	-1.38E-03	-9.96E-04	-8.33E-04	-2.72E-03	-1.97E-03
331	473943.71, 3847855.61	9.60302	30.65322	22.11881	-0.0011785	-0.0037617	-0.0027144	-5.51E-04	-1.76E-03	-1.27E-03	-1.09E-03	-3.47E-03	-2.51E-03
332	473943.71, 3847880.61	12.39114	38.20805	27.29029	-0.0015206	-0.0046888	-0.003349	-7.11E-04	-2.19E-03	-1.57E-03	-1.40E-03	-4.33E-03	-3.09E-03
333	473968.71, 3847605.61	1.72122	5.24072	3.96544	-0.0002112	-0.0006431	-0.0004866	-9.87E-05	-3.01E-04	-2.27E-04	-1.95E-04	-5.94E-04	-4.49E-04
334	473968.71, 3847630.61	1.90063	5.81294	4.38385	-0.0002332	-0.0007134	-0.000538	-1.09E-04	-3.33E-04	-2.51E-04	-2.15E-04	-6.58E-04	-4.97E-04
335	473968.71, 3847655.61	2.08693	6.34118	4.65589	-0.0002561	-0.0007782	-0.0005714	-1.20E-04	-3.64E-04	-2.67E-04	-2.36E-04	-7.18E-04	-5.27E-04
336	473968.71, 3847680.61	2.35611	7.20569	5.24886	-0.0002891	-0.0008843	-0.0006441	-1.35E-04	-4.13E-04	-3.01E-04	-2.67E-04	-8.16E-04	-5.95E-04
337	473968.71, 3847705.61	2.70748	8.39925	6.1444	-0.0003323	-0.0010307	-0.000754	-1.55E-04	-4.82E-04	-3.52E-04	-3.07E-04	-9.51E-04	-6.96E-04
338	473968.71, 3847730.61	3.09256	9.65739	7.01195	-0.0003795	-0.0011851	-0.0008605	-1.77E-04	-5.54E-04	-4.02E-04	-3.50E-04	-1.09E-03	-7.94E-04
339	473968.71, 3847755.61	3.59868	11.39652	8.25214	-0.0004416	-0.0013986	-0.0010127	-2.06E-04	-6.54E-04	-4.73E-04	-4.08E-04	-1.29E-03	-9.35E-04
340	473968.71, 3847780.61	4.26344	13.69965	9.88299	-0.0005232	-0.0016812	-0.0012128	-2.45E-04	-7.86E-04	-5.67E-04	-4.83E-04	-1.55E-03	-1.12E-03
341	473968.71, 3847805.61	4.97493	15.93275	11.42176	-0.0006105	-0.0019552	-0.0014017	-2.85E-04	-9.14E-04	-6.55E-04	-5.64E-04	-1.80E-03	-1.29E-03
342	473968.71, 3847830.61	6.28065	20.44117	14.66513	-0.0007708	-0.0025085	-0.0017997	-3.60E-04	-1.17E-03	-8.41E-04	-7.11E-04	-2.32E-03	-1.66E-03
343	473968.71, 3847855.61	8.10115	26.24979	18.86422	-0.0009942	-0.0032213	-0.002315	-4.65E-04	-1.51E-03	-1.08E-03	-9.18E-04	-2.97E-03	-2.14E-03
344	473968.71, 3847880.61	10.4685	33.0025	23.74591	-0.0012847	-0.00405	-0.0029141	-6.00E-04	-1.89E-03	-1.36E-03	-1.19E-03	-3.74E-03	-2.69E-03
345	473993.71, 3847605.61	1.53114	4.33919	3.42776	-0.0001879	-0.0005325	-0.0004206	-8.78E-05	-2.49E-04	-1.97E-04	-1.73E-04	-4.92E-04	-3.88E-04
346	473993.71, 3847630.61	1.5821	4.32888	3.40499	-0.0001942	-0.0005312	-0.0004179	-9.07E-05	-2.48E-04	-1.95E-04	-1.79E-04	-4.90E-04	-3.86E-04
347	473993.71, 3847655.61	1.6344	4.31478	3.32513	-0.0002006	-0.0005295	-0.0004081	-9.37E-05	-2.47E-04	-1.91E-04	-1.85E-04	-4.89E-04	-3.77E-04
348	473993.71, 3847680.61	1.94433	5.3547	4.03259	-0.0002386	-0.0006571	-0.0004949	-1.12E-04	-3.07E-04	-2.31E-04	-2.20E-04	-6.07E-04	-4.57E-04
349	473993.71, 3847705.61	2.37053	6.92669	5.20321	-0.0002909	-0.00085	-0.0006385	-1.36E-04	-3.97E-04	-2.98E-04	-2.69E-04	-7.85E-04	-5.89E-04
350	473993.71, 3847730.61	2.8018	8.47482	6.31041	-0.0003438	-0.00104	-0.0007744	-1.61E-04	-4.86E-04	-3.62E-04	-3.17E-04	-9.60E-04	-7.15E-04
351	473993.71, 3847755.61	3.29482	10.22101	7.4574	-0.0004043	-0.0012543	-0.0009152	-1.89E-04	-5.86E-04	-4.28E-04	-3.73E-04	-1.16E-03	-8.45E-04
352	473993.71, 3847780.61	3.88133	12.2832	8.90818	-0.0004763	-0.0015074	-0.0010932	-2.23E-04	-7.05E-04	-5.11E-04	-4.40E-04	-1.39E-03	-1.01E-03
353	473993.71, 3847805.61	4.44676	14.00634	10.13942	-0.0005457	-0.0017188	-0.0012443	-2.55E-04	-8.03E-04	-5.82E-04	-5.04E-04	-1.59E-03	-1.15E-03
354	473993.71, 3847830.61	5.54545	17.99443	12.90586	-0.0006805	-0.0022082	-0.0015838	-3.18E-04	-1.03E-03	-7.40E-04	-6.28E-04	-2.04E-03	-1.46E-03
355	473993.71, 3847855.61	6.67453	21.54268	15.29199	-0.0008191	-0.0026437	-0.0018766	-3.83E-04	-1.24E-03	-8.77E-04	-7.56E-04	-2.44E-03	-1.73E-03
356	473993.71, 3847880.61	8.57691	27.42321	19.72115	-0.0010525	-0.0033653	-0.0024201	-4.92E-04	-1.57E-03	-1.13E-03	-9.72E-04	-3.11E-03	-2.23E-03
357	473993.71, 3847905.61	11.53696	35.84359	25.76041	-0.0014158	-0.0043987	-0.0031613	-6.62E-04	-2.06E-03	-1.48E-03	-1.31E-03	-4.06E-03	-2.92E-03
358	474018.71, 3847630.61	1.42425	3.71598	2.94158	-0.0001748	-0.000456	-0.000361	-8.17E-05	-2.13E-04	-1.69E-04	-1.61E-04	-4.21E-04	-3.33E-04
359	474018.71, 3847655.61	1.47908	3.84938	3.02458	-0.0001815	-0.0004724	-0.0003712	-8.48E-05	-2.21E-04	-1.73E-04	-1.68E-04	-4.36E-04	-3.43E-04
360	474018.71, 3847680.61	1.80814	4.87082	3.73026	-0.0002219	-0.0005977	-0.0004578	-1.04E-04	-2.79E-04	-2.14E-04	-2.05E-04	-5.52E-04	-4.23E-04
361	474018.71, 3847705.61	2.11897	5.90304	4.4775	-0.00026	-0.0007244	-0.0005495	-1.22E-04	-3.39E-04	-2.57E-04	-2.40E-04	-6.69E-04	-5.07E-04
362	474018.71, 3847730.61	2.53382	7.40848	5.61088	-0.0003109	-0.0009092	-0.0006886	-1.45E-04	-4.25E-04	-3.22E-04	-2.87E-04	-8.39E-04	-6.36E-04
363	474018.71, 3847755.61	3.03611	9.23448	6.84919	-0.0003726	-0.0011332	-0.0008405	-1.74E-04	-5.30E-04	-3.93E-04	-3.44E-04	-1.05E-03	-7.76E-04
364	474018.71, 3847780.61	3.61	11.33296	8.29799	-0.000443	-0.0013908	-0.0010183	-2.07E-04	-6.50E-04	-4.76E-04	-4.09E-04	-1.28E-03	-9.40E-04
365	474018.71, 3847805.61	4.32574	13.9455	10.01381	-0.0005308	-0.0017114	-0.0012289	-2.48E-04	-8.00E-04	-5.74E-04	-4.90E-04	-1.58E-03	-1.13E-03
366	474018.71, 3847830.61	4.96608	15.96646	11.49661	-0.0006094	-0.0019594	-0.0014108	-2.85E-04	-9.16E-04	-6.59E-04	-5.63E-04	-1.81E-03	-1.30E-03
367	474018.71, 3847855.61	5.79367	18.64144	13.25334	-0.000711	-0.0022876	-0.0016264	-3.32E-04	-1.07E-03	-7.60E-04	-6.56E-04	-2.11E-03	-1.50E-03
368	474018.71, 3847880.61	7.09305	22.65211	16.00681	-0.0008704	-0.0027798	-0.0019643	-4.07E-04	-1.30E-03	-9.18E-04	-8.03E-04	-2.57E-03	-1.81E-03
369	474018.71, 3847905.61	9.60454	30.36496	21.90739	-0.0011787	-0.0037263	-0.0026884	-5.51E-04	-1.74E-03	-1.26E-03	-1.09E-03	-3.44E-03	-2.48E-03
370	474018.71, 3847930.61	12.61638	38.76417	28.1009	-0.0015483	-0.0047571	-0.0034485	-7.24E-04	-2.22E-03	-1.61E-03	-1.43E-03	-4.39E-03	-3.18E-03
371	474043.71, 3847630.61	1.36158	3.54334	2.81448	-0.0001671	-0.0004348	-0.0003454	-7.81E-05	-2.03E-04	-1.61E-04	-1.54E-04	-4.01E-04	-3.19E-04
372	474043.71, 3847655.61	1.42737	3.70323	2.92995	-0.0001752	-0.0004545	-0.0003596	-8.19E-05	-2.12E-04	-1.68E-04	-1.62E-04	-4.19E-04	-3.32E-04
373	474043.71, 3847680.61	1.68035	4.41641	3.42556	-0.0002062	-0.000542	-0.0004204	-9.64E-05	-2.53E-04	-1.96E-04	-1.90E-04	-5.00E-04	-3.88E-04
374	474043.71, 3847705.61	1.91827	5.13805	3.94557	-0.0002354	-0.0006305	-0.0004842	-1.10E-04	-2.95E-04	-2.26E-04	-2.17E-04	-5.82E-04	-4.47E-04
375	474043.71, 3847730.61	2.20435	6.04175	4.61371	-0.0002705	-0.0007414	-0.0005662	-1.26E-04	-3.47E-04	-2.65E-04	-2.50E-04	-6.84E-04	-5.23E-04
376	474043.71, 3847755.61	2.62643	7.53796	5.6796	-0.0003223	-0.000925	-0.000697	-1.51E-04	-4.32E-04	-3.26E-04	-2.98E-04	-8.54E-04	-6.43E-04
377	474043.71, 3847780.61	3.22955	9.77739	7.33739	-0.0003963	-0.0011999	-0.0009004	-1.85E-04	-5.61E-04	-4.21E-04	-3.66E-04	-1.11E-03	-8.31E-04
378	474043.71, 3847805.61	3.90215	12.34962	8.96512	-0.0004789	-0.0015155	-0.0011002	-2.24E-04	-7.08E-04	-5.14E-04	-4.42E-04	-1.40E-03	-1.02E-03
379	474043.71, 3847830.61	4.42835	13.97376	10.16499	-0.0005434	-0.0017148	-0.0012474	-2.54E-04	-8.02E-04	-5.83E-04	-5.02E-04	-1.58E-03	-1.15E-03
380	474043.71, 3847855.61	5.24358	16.83271	12.00915	-0.0006435	-0.0020657	-0.0014737	-3.01E-04	-9.66E-04	-6.89E-04	-5.94E-04	-1.91E-03	-1.36E-03
381	474043.71, 3847880.61	6.40933	20.66365	14.7284	-0.0007865	-0.0025358	-0.0018074	-3.68E-04	-1.19E-03	-8.45E-04	-7.26E-04	-2.34E-03	-1.67E-03
382	474043.71, 3847905.61	8.18693	26.27119	19.00041	-0.0010047	-0.003224	-0.0023317	-4.70E-04	-1.51E-03	-1.09E-03	-9.27E-04	-2.98E-03	-2.15E-03
383	474043.71, 3847930.61	10.61578	33.25391	23.97853	-0.0013028	-0.0040809	-0.0029426	-6.09E-04	-1.91E-03	-1.38E-03	-1.20E-03	-3.77E-03	-2.72E-03
384	474068.71, 3847655.61	1.37897	3.56359	2.8284	-0.0001692	-0.0004373	-0.0003471	-7.91E-05	-2.04E-04	-1.62E-04	-1.56E-04	-4.04E-04	-3.20E-04
385	474068.71, 3847680.61	1.55211	4.09522	3.18192	-0.0001905	-0.0005026	-0.0003905	-8.90E-05	-2.35E-04	-1.83E-04	-1.76E-04	-4.64E-04	-3.60E-04
386	474068.71, 3847705.61	1.77025	4.64406	3.61211	-0.0002172	-0.0005699	-0.0004433	-1.02E-04	-2.66E-04	-2.07E-04	-2.01E-04	-5.26E-04	-4.09E-04
387	474068.71, 3847730.61	1.9165	4.93806	3.87696	-0.0002352	-0.000606	-0.0004758	-1.10E-04	-2.83E-04	-2.22E-04	-2.17E-04	-5.59E-04	-4.39E-04
388	474068.71, 3847755.61	2.19561	5.7321	4.51713	-0.0002694	-0.0007034	-0.0005543	-1.26E-04	-3.29E-04	-2.59E-04	-2.49E-04	-6.49E-04	-5.12E-04
389	474068.71, 3847780.61	2.78886	7.98173	6.04152	-0.0003422	-0.0009795	-0.0007414	-1.60E-04	-4.58E-04	-3.47E-04	-3.16E-04	-9.04E-04	-6.84E-04
390	474068.71, 3847805.61	3.38243	10.18075	7.58011	-0.0004151	-0.0012494	-0.0009302	-1.94E-04	-5.84E-04	-4.35E-04	-3.83E-04	-1.15E-03	-8.59E-04
391	474068.71, 3847830.61	3.93959	12.1225	8.9444	-0.0004835	-0.0014877	-0.0010976	-2.26E-04	-6.95E-04	-5.13E-04	-4.46E-04	-1.37E-03	-1.01E-03
392	474068.71, 3847855.61	4.68198	14.83328	10.67374	-0.0005746	-0.0018203	-0.0013099	-2.69E-04	-8.51E-04	-6.12E-04	-5.30E-04	-1.68E-03	-1.21E-03
393	474068.71, 3847880.61	5.67253	18.28648	13.01763	-0.0006961	-0.0022441	-0.0015975	-3.25E-04	-1.05E-03	-7.47E-04	-6.43E-04	-2.07E-03	-1.47E-03
394	474068.71, 3847905.61	6.99244	22.48536	16.13909	-0.0008581	-0.0027594	-0.0019806	-4.01E-04	-1.29E-03	-9.26E-04	-7.92E-04	-2.55E-03	-1.83E-03
395	474068.71, 3847930.61	9.12216	29.05981	21.05123	-0.0011195	-0.0035662	-0.0025834	-5.23E-04	-1.67E-03	-1.21E-03	-1.03E-03	-3.29E-03	-2.38E-03
396	474068.71, 3847955.61	11.47667	35.4319	25.843	-0.0014084	-0.0043481	-0.0031714	-6.58E-04	-2.03E-03	-1.48E-03	-1.30E-03	-4.01E-03	-2.93E-03
397	474093.71, 3847655.61	1.40892	3.76937	2.98335	-0.0001729	-0.0004626	-0.0003661	-8.08E-05	-2.16E-04	-1.71E-04	-1.60E-04	-4.27E-04	-3.38E-04
398	474093.71, 3847680.61	1.53371	4.11513	3.20988	-0.0001882	-0.000505	-0.0003939	-8.80E-05	-2.36E-04	-1.84E-04	-1.74E-04	-4.66E-04	-3.64E-04
399	474093.71, 3847705.61	1.63951	4.29196	3.33019	-0.0002012	-0.0005267	-0.0004087	-9.40E-05	-2.46E-04	-1.91E-04	-1.86E-04	-4.86E-04	-3.77E-04
400	474093.71, 3847730.61	1.82974	4.73523	3.69629	-0.0002245	-0.0005811	-0.0004536	-1.05E-04	-2.72E-04	-2.12E-04	-2.07E-04	-5.36E-04	-4.19E-04
401	474093.71, 3847755.61	2.1056	5.49853	4.37056	-0.0002584	-0.0006748	-0.0005363	-1.21E-04	-3.15E-04	-2.51E-04	-2.39E-04	-6.23E-04	-4.95E-04
402	474093.71, 3847780.61	2.49017	6.82594	5.25566	-0.0003056	-0.0008377	-0.000645	-1.43E-04	-3.92E-04	-3.01E-04	-2.82E-04	-7.73E-04	-5.95E-04
403	474093.71, 3847805.61	3.0126	8.70982	6.55377	-0.0003697	-0.0010689	-0.0008043	-1.73E-04	-5.00E-04	-3.76E-04	-3.41E-04	-9.87E-04	-7.42E-04
404	474093.71, 3847830.61	3.55757	10.68887	7.94854	-0.0004366	-0.0013117	-0.0009754	-2.04E-04	-6.13E-04	-4.56E-04	-4.03E-04	-1.21E-03	-9.00E-04
405	474093.71, 3847855.61	4.25672	13.30898	9.72523	-0.0005224	-0.0016333	-0.0011935	-2.44E-04	-7.63E-04	-5.58E-04	-4.82E-04	-1.51E-03	-1.10E-03

406	474093.71, 3847880.61	5.10329	16.38173	11.74371	-0.0006263	-0.0020103	-0.0014412	-2.93E-04	-9.40E-04	-6.74E-04	-5.78E-04	-1.86E-03	-1.33E-03
407	474093.71, 3847905.61	6.17008	19.94412	14.32131	-0.0007572	-0.0024475	-0.0017575	-3.54E-04	-1.14E-03	-8.21E-04	-6.99E-04	-2.26E-03	-1.62E-03
408	474093.71, 3847930.61	7.78893	25.12593	18.14105	-0.0009558	-0.0030834	-0.0022262	-4.47E-04	-1.44E-03	-1.04E-03	-8.82E-04	-2.85E-03	-2.06E-03
409	474093.71, 3847955.61	9.88147	31.04924	22.53013	-0.0012126	-0.0038103	-0.0027649	-5.67E-04	-1.78E-03	-1.29E-03	-1.12E-03	-3.52E-03	-2.55E-03
410	474093.71, 3847980.61	12.34601	37.43777	27.53145	-0.0015151	-0.0045943	-0.0033786	-7.08E-04	-2.15E-03	-1.58E-03	-1.40E-03	-4.24E-03	-3.12E-03
411	474118.71, 3847680.61	1.52924	4.19583	3.24575	-0.0001877	-0.0005149	-0.0003983	-8.77E-05	-2.41E-04	-1.86E-04	-1.73E-04	-4.75E-04	-3.68E-04
412	474118.71, 3847705.61	1.69844	4.70173	3.59454	-0.0002084	-0.000577	-0.0004411	-9.74E-05	-2.70E-04	-2.06E-04	-1.92E-04	-5.33E-04	-4.07E-04
413	474118.71, 3847730.61	1.85622	4.97236	3.83804	-0.0002278	-0.0006102	-0.000471	-1.06E-04	-2.85E-04	-2.20E-04	-2.10E-04	-5.63E-04	-4.35E-04
414	474118.71, 3847755.61	2.08915	5.65282	4.39098	-0.0002564	-0.0006937	-0.0005389	-1.20E-04	-3.24E-04	-2.52E-04	-2.37E-04	-6.40E-04	-4.97E-04
415	474118.71, 3847780.61	2.37744	6.5502	5.07317	-0.0002918	-0.0008038	-0.0006226	-1.36E-04	-3.76E-04	-2.91E-04	-2.69E-04	-7.42E-04	-5.75E-04
416	474118.71, 3847805.61	2.71708	7.59253	5.80933	-0.0003334	-0.0009317	-0.0007129	-1.56E-04	-4.36E-04	-3.33E-04	-3.08E-04	-8.60E-04	-6.58E-04
417	474118.71, 3847830.61	3.30308	9.81146	7.40739	-0.0004053	-0.001204	-0.000909	-1.89E-04	-5.63E-04	-4.25E-04	-3.74E-04	-1.11E-03	-8.39E-04
418	474118.71, 3847855.61	3.95837	12.28026	9.08106	-0.0004858	-0.001507	-0.0011144	-2.27E-04	-7.04E-04	-5.21E-04	-4.48E-04	-1.39E-03	-1.03E-03
419	474118.71, 3847880.61	4.62006	14.70188	10.64248	-0.000567	-0.0018042	-0.001306	-2.65E-04	-8.43E-04	-6.10E-04	-5.23E-04	-1.67E-03	-1.21E-03
420	474118.71, 3847905.61	5.45243	17.58957	12.63147	-0.0006691	-0.0021586	-0.0015501	-3.13E-04	-1.01E-03	-7.25E-04	-6.18E-04	-1.99E-03	-1.43E-03
421	474118.71, 3847930.61	6.86496	22.25573	16.10468	-0.0008425	-0.0027312	-0.0019763	-3.94E-04	-1.28E-03	-9.24E-04	-7.78E-04	-2.52E-03	-1.82E-03
422	474118.71, 3847955.61	8.59948	27.58861	19.99828	-0.0010553	-0.0033856	-0.0024542	-4.93E-04	-1.58E-03	-1.15E-03	-9.74E-04	-3.13E-03	-2.27E-03
423	474118.71, 3847980.61	10.43828	32.4288	23.69989	-0.001281	-0.0039796	-0.0029084	-5.99E-04	-1.86E-03	-1.36E-03	-1.18E-03	-3.67E-03	-2.68E-03
424	474143.71, 3847680.61	1.49018	4.12139	3.18488	-0.0001829	-0.0005058	-0.0003908	-8.55E-05	-2.36E-04	-1.83E-04	-1.69E-04	-4.67E-04	-3.61E-04
425	474143.71, 3847705.61	1.62364	4.49851	3.44432	-0.0001993	-0.000552	-0.0004227	-9.31E-05	-2.58E-04	-1.98E-04	-1.84E-04	-5.10E-04	-3.90E-04
426	474143.71, 3847730.61	1.67591	4.37716	3.39364	-0.0002057	-0.0005372	-0.0004165	-9.61E-05	-2.51E-04	-1.95E-04	-1.90E-04	-4.96E-04	-3.84E-04
427	474143.71, 3847755.61	1.82547	4.67993	3.69196	-0.000224	-0.0005743	-0.0004531	-1.05E-04	-2.68E-04	-2.12E-04	-2.07E-04	-5.30E-04	-4.18E-04
428	474143.71, 3847780.61	2.11564	5.57319	4.38701	-0.0002596	-0.0006839	-0.0005384	-1.21E-04	-3.20E-04	-2.52E-04	-2.40E-04	-6.31E-04	-4.97E-04
429	474143.71, 3847805.61	2.4462	6.6364	5.13965	-0.0003002	-0.0008144	-0.0006307	-1.40E-04	-3.81E-04	-2.95E-04	-2.77E-04	-7.52E-04	-5.82E-04
430	474143.71, 3847830.61	3.0412	8.89741	6.72466	-0.0003732	-0.0010919	-0.0008252	-1.74E-04	-5.10E-04	-3.86E-04	-3.45E-04	-1.01E-03	-7.62E-04
431	474143.71, 3847855.61	3.64892	11.22196	8.31405	-0.0004478	-0.0013771	-0.0010203	-2.09E-04	-6.44E-04	-4.77E-04	-4.13E-04	-1.27E-03	-9.42E-04
432	474143.71, 3847880.61	4.3054	13.66721	10.00545	-0.0005284	-0.0016772	-0.0012279	-2.47E-04	-7.84E-04	-5.74E-04	-4.88E-04	-1.55E-03	-1.13E-03
433	474143.71, 3847905.61	5.05087	16.34478	11.78801	-0.0006198	-0.0020058	-0.0014466	-2.90E-04	-9.38E-04	-6.76E-04	-5.72E-04	-1.85E-03	-1.34E-03
434	474143.71, 3847930.61	5.94155	19.25414	13.95537	-0.0007291	-0.0023628	-0.0017126	-3.41E-04	-1.10E-03	-8.00E-04	-6.73E-04	-2.18E-03	-1.58E-03
435	474143.71, 3847955.61	7.19532	23.1577	16.77049	-0.000883	-0.0028419	-0.002058	-4.13E-04	-1.33E-03	-9.62E-04	-8.15E-04	-2.62E-03	-1.90E-03
436	474143.71, 3847980.61	8.97223	28.46736	20.66917	-0.0011011	-0.0034935	-0.0025365	-5.15E-04	-1.63E-03	-1.19E-03	-1.02E-03	-3.22E-03	-2.34E-03
437	474143.71, 3848005.61	11.0012	33.80417	24.9673	-0.00135	-0.0041484	-0.0030639	-6.31E-04	-1.94E-03	-1.43E-03	-1.25E-03	-3.83E-03	-2.83E-03
438	474168.71, 3847705.61	1.53425	4.21736	3.25318	-0.0001883	-0.0005175	-0.0003992	-8.80E-05	-2.42E-04	-1.87E-04	-1.74E-04	-4.78E-04	-3.69E-04
439	474168.71, 3847730.61	1.57634	4.12168	3.17789	-0.0001934	-0.0005058	-0.00039	-9.04E-05	-2.36E-04	-1.82E-04	-1.79E-04	-4.67E-04	-3.60E-04
440	474168.71, 3847755.61	1.72007	4.42642	3.46352	-0.0002111	-0.0005432	-0.000425	-9.87E-05	-2.54E-04	-1.99E-04	-1.95E-04	-5.01E-04	-3.92E-04
441	474168.71, 3847780.61	2.00287	5.27141	4.14398	-0.0002458	-0.0006469	-0.0005085	-1.15E-04	-3.02E-04	-2.38E-04	-2.27E-04	-5.97E-04	-4.69E-04
442	474168.71, 3847805.61	2.33945	6.41908	4.95164	-0.0002871	-0.0007877	-0.0006077	-1.34E-04	-3.68E-04	-2.84E-04	-2.65E-04	-7.27E-04	-5.61E-04
443	474168.71, 3847830.61	2.83597	8.25932	6.21076	-0.000348	-0.0010136	-0.0007622	-1.63E-04	-4.74E-04	-3.56E-04	-3.21E-04	-9.36E-04	-7.04E-04
444	474168.71, 3847855.61	3.36263	10.27983	7.63538	-0.0004127	-0.0012615	-0.000937	-1.93E-04	-5.90E-04	-4.38E-04	-3.81E-04	-1.16E-03	-8.65E-04
445	474168.71, 3847880.61	3.95371	12.47689	9.14511	-0.0004852	-0.0015311	-0.0011223	-2.27E-04	-7.16E-04	-5.25E-04	-4.48E-04	-1.41E-03	-1.04E-03
446	474168.71, 3847905.61	4.61232	14.88124	10.76332	-0.000566	-0.0018262	-0.0013209	-2.65E-04	-8.54E-04	-6.17E-04	-5.22E-04	-1.69E-03	-1.22E-03
447	474168.71, 3847930.61	5.31353	17.23098	12.40806	-0.0006521	-0.0021146	-0.0015227	-3.05E-04	-9.88E-04	-7.12E-04	-6.02E-04	-1.95E-03	-1.41E-03
448	474168.71, 3847955.61	6.06311	19.58568	13.92673	-0.0007441	-0.0024035	-0.0017091	-3.48E-04	-1.12E-03	-7.99E-04	-6.87E-04	-2.22E-03	-1.58E-03
449	474168.71, 3847980.61	7.81574	25.20291	18.27732	-0.0009591	-0.0030929	-0.002243	-4.48E-04	-1.45E-03	-1.05E-03	-8.85E-04	-2.85E-03	-2.07E-03
450	474168.71, 3848005.61	9.49704	29.88838	21.82807	-0.0011655	-0.0036679	-0.0026787	-5.45E-04	-1.71E-03	-1.25E-03	-1.08E-03	-3.39E-03	-2.47E-03
451	474168.71, 3848030.61	11.31514	34.47779	25.54546	-0.0013886	-0.0042311	-0.0031349	-6.49E-04	-1.98E-03	-1.47E-03	-1.28E-03	-3.91E-03	-2.89E-03
452	474193.71, 3847705.61	1.48161	4.08203	3.15986	-0.0001818	-0.0005009	-0.0003878	-8.50E-05	-2.34E-04	-1.81E-04	-1.68E-04	-4.62E-04	-3.58E-04
453	474193.71, 3847730.61	1.59954	4.38344	3.34449	-0.0001963	-0.0005379	-0.0004104	-9.17E-05	-2.51E-04	-1.92E-04	-1.81E-04	-4.97E-04	-3.79E-04
454	474193.71, 3847755.61	1.71225	4.50524	3.47897	-0.0002101	-0.0005529	-0.0004269	-9.82E-05	-2.58E-04	-2.00E-04	-1.94E-04	-5.10E-04	-3.94E-04
455	474193.71, 3847780.61	1.91135	5.15995	3.99209	-0.0002346	-0.0006332	-0.0004899	-1.10E-04	-2.96E-04	-2.29E-04	-2.17E-04	-5.85E-04	-4.52E-04
456	474193.71, 3847805.61	2.23712	6.19295	4.7564	-0.0002745	-0.00076	-0.0005837	-1.28E-04	-3.55E-04	-2.73E-04	-2.53E-04	-7.02E-04	-5.39E-04
457	474193.71, 3847830.61	2.74072	8.12702	6.09918	-0.0003363	-0.0009973	-0.0007485	-1.57E-04	-4.66E-04	-3.50E-04	-3.10E-04	-9.21E-04	-6.91E-04
458	474193.71, 3847855.61	3.21104	9.9676	7.31351	-0.0003941	-0.0012232	-0.0008975	-1.84E-04	-5.72E-04	-4.20E-04	-3.64E-04	-1.13E-03	-8.28E-04
459	474193.71, 3847880.61	3.67557	11.62633	8.47982	-0.0004511	-0.0014268	-0.0010406	-2.11E-04	-6.67E-04	-4.86E-04	-4.16E-04	-1.32E-03	-9.61E-04
460	474193.71, 3847905.61	4.14222	13.22982	9.60198	-0.0005083	-0.0016235	-0.0011783	-2.38E-04	-7.59E-04	-5.51E-04	-4.69E-04	-1.50E-03	-1.09E-03
461	474193.71, 3847930.61	4.66233	15.02156	10.78428	-0.0005722	-0.0018434	-0.0013234	-2.67E-04	-8.62E-04	-6.19E-04	-5.28E-04	-1.70E-03	-1.22E-03
462	474193.71, 3847955.61	5.59805	18.24052	13.16704	-0.000687	-0.0022384	-0.0016158	-3.21E-04	-1.05E-03	-7.55E-04	-6.34E-04	-2.07E-03	-1.49E-03
463	474193.71, 3847980.61	6.81692	22.18999	16.14063	-0.0008366	-0.0027231	-0.0019808	-3.91E-04	-1.27E-03	-9.26E-04	-7.72E-04	-2.51E-03	-1.83E-03
464	474193.71, 3848005.61	8.2081	26.38054	19.16445	-0.0010073	-0.0032374	-0.0023518	-4.71E-04	-1.51E-03	-1.10E-03	-9.30E-04	-2.99E-03	-2.17E-03
465	474193.71, 3848030.61	9.58367	30.07479	22.01414	-0.0011761	-0.0036907	-0.0027015	-5.50E-04	-1.73E-03	-1.26E-03	-1.09E-03	-3.41E-03	-2.49E-03
466	474193.71, 3848055.61	11.47307	34.48336	25.7678	-0.001408	-0.0042317	-0.0031622	-6.58E-04	-1.98E-03	-1.48E-03	-1.30E-03	-3.91E-03	-2.92E-03
467	474218.71, 3847730.61	1.60089	4.49655	3.43241	-0.0001965	-0.0005518	-0.0004212	-9.18E-05	-2.58E-04	-1.97E-04	-1.81E-04	-5.09E-04	-3.89E-04
468	474218.71, 3847755.61	1.75265	4.94076	3.75123	-0.0002151	-0.0006063	-0.0004603	-1.01E-04	-2.83E-04	-2.15E-04	-1.99E-04	-5.60E-04	-4.25E-04
469	474218.71, 3847780.61	1.95063	5.5719	4.22693	-0.0002394	-0.0006838	-0.0005187	-1.12E-04	-3.20E-04	-2.42E-04	-2.21E-04	-6.31E-04	-4.79E-04
470	474218.71, 3847805.61	2.17136	6.11828	4.634	-0.0002665	-0.0007508	-0.0005687	-1.25E-04	-3.51E-04	-2.66E-04	-2.46E-04	-6.93E-04	-5.25E-04
471	474218.71, 3847830.61	2.60526	7.77871	5.83688	-0.0003197	-0.0009546	-0.0007163	-1.49E-04	-4.46E-04	-3.35E-04	-2.95E-04	-8.81E-04	-6.61E-04
472	474218.71, 3847855.61	2.9712	9.13207	6.71882	-0.0003646	-0.0011207	-0.0008245	-1.70E-04	-5.24E-04	-3.85E-04	-3.37E-04	-1.03E-03	-7.61E-04
473	474218.71, 3847880.61	3.34034	10.40808	7.62716	-0.0004099	-0.0012773	-0.000936	-1.92E-04	-5.97E-04	-4.37E-04	-3.78E-04	-1.18E-03	-8.64E-04
474	474218.71, 3847905.61	3.79211	12.14723	8.79213	-0.0004654	-0.0014907	-0.001079	-2.18E-04	-6.97E-04	-5.04E-04	-4.30E-04	-1.38E-03	-9.96E-04
475	474218.71, 3847930.61	4.33741	14.10398	10.11038	-0.0005323	-0.0017308	-0.0012407	-2.49E-04	-8.09E-04	-5.80E-04	-4.91E-04	-1.60E-03	-1.15E-03
476	474218.71, 3847955.61	5.07533	16.68298	11.93789	-0.0006228	-0.0020473	-0.001465	-2.91E-04	-9.57E-04	-6.85E-04	-5.75E-04	-1.89E-03	-1.35E-03
477	474218.71, 3847980.61	5.89983	19.2671	13.95643	-0.000724	-0.0023644	-0.0017127	-3.38E-04	-1.11E-03	-8.01E-04	-6.68E-04	-2.18E-03	-1.58E-03
478	474218.71, 3848005.61	6.71528	21.70186	15.53927	-0.0008241	-0.0026632	-0.001907	-3.85E-04	-1.24E-03	-8.91E-04	-7.61E-04	-2.46E-03	-1.76E-03
479	474218.71, 3848030.61	8.00086	25.64309	18.64262	-0.0009819	-0.0031469	-0.0022878	-4.59E-04	-1.47E-03	-1.07E-03	-9.06E-04	-2.90E-03	-2.11E-03
480	474218.71, 3848055.61	9.82096	30.43814	22.43564	-0.0012052	-0.0037353	-0.0027533	-5.63E-04	-1.75E-03	-1.29E-03	-1.11E-03	-3.45E-03	-2.54E-03
481	474218.71, 3848080.61	11.7268	34.58054	26.0508	-0.0014391	-0.0042437	-0.0031969	-6.73E-04	-1.98E-03	-1.49E-03	-1.33E-03	-3.92E-03	-2.95E-03
482	474243.71, 3847755.61	1.71406	4.89424	3.70305	-0.0002103	-0.0006006	-0.0004544	-9.83E-05	-2.81E-04	-2.12E-04	-1.94E-04	-5.54E-04	-4.19E-04
483	474243.71, 3847780.61	1.89016	5.4507	4.12851	-0.000232	-0.0006689	-0.0005066	-1.08E-04	-3.13E-04	-2.37E-04	-2.14E-04	-6.17E-04	-4.68E-04
484	474243.71, 3847805.61	2.09693	6.10997	4.59408	-0.0002573	-0.0007498	-0.0005638	-1.20E-04	-3.50E-04	-2.64E-04	-2.38E-04	-6.92E-04	-5.20E-04
485	474243.71, 3847830.61	2.438	7.24296	5.43031	-0.0002992	-0.0008888	-0.0006664	-1.40E-04	-4.15E-04	-3.11E-04	-2.76E-04	-8.20E-04	-6.15E-04
486	474243.71, 3847855.61	2.74973	8.33644	6.15956	-0.0003374	-0.001023	-0.0007559	-1.58E-04	-4.78E-04	-3.53E-04	-3.11E-04	-9.44E-04	-6.98E-04
487	474243.71, 3847880.61	3.12237	9.86843	7.17417	-0.0003832	-0.001211	-0.0008804	-1.79E-04	-5.66E-04	-4.12E-04	-3.54E-04	-1.12E-03	-8.13E-04

488	474243.71, 3847905.61	3.5547	11.42155	8.2605	-0.0004362	-0.0014016	-0.0010137	-2.04E-04	-6.55E-04	-4.74E-04	-4.03E-04	-1.29E-03	-9.36E-04
489	474243.71, 3847930.61	4.07964	13.40111	9.59743	-0.0005006	-0.0016446	-0.0011778	-2.34E-04	-7.69E-04	-5.51E-04	-4.62E-04	-1.52E-03	-1.09E-03
490	474243.71, 3847955.61	4.66306	15.46504	11.02027	-0.0005722	-0.0018978	-0.0013524	-2.67E-04	-8.87E-04	-6.32E-04	-5.28E-04	-1.75E-03	-1.25E-03
491	474243.71, 3847980.61	5.24071	17.2629	12.36153	-0.0006431	-0.0021185	-0.001517	-3.01E-04	-9.90E-04	-7.09E-04	-5.94E-04	-1.96E-03	-1.40E-03
492	474243.71, 3848005.61	5.90897	19.2187	13.70827	-0.0007251	-0.0023585	-0.0016823	-3.39E-04	-1.10E-03	-7.86E-04	-6.69E-04	-2.18E-03	-1.55E-03
493	474243.71, 3848030.61	6.62931	21.44369	15.27006	-0.0008135	-0.0026315	-0.0018739	-3.80E-04	-1.23E-03	-8.76E-04	-7.51E-04	-2.43E-03	-1.73E-03
494	474243.71, 3848055.61	7.51968	23.84225	17.21897	-0.0009228	-0.0029259	-0.0021131	-4.31E-04	-1.37E-03	-9.88E-04	-8.52E-04	-2.70E-03	-1.95E-03
495	474243.71, 3848080.61	9.80815	29.99332	22.31458	-0.0012036	-0.0036807	-0.0027384	-5.63E-04	-1.72E-03	-1.28E-03	-1.11E-03	-3.40E-03	-2.53E-03
496	474243.71, 3848105.61	12.00528	35.26484	26.53728	-0.0014733	-0.0043276	-0.0032566	-6.89E-04	-2.02E-03	-1.52E-03	-1.36E-03	-3.99E-03	-3.01E-03
497	474268.71, 3847755.61	1.63362	4.63455	3.52273	-0.0002005	-0.0005687	-0.0004323	-9.37E-05	-2.66E-04	-2.02E-04	-1.85E-04	-5.25E-04	-3.99E-04
498	474268.71, 3847780.61	1.77446	5.04869	3.84928	-0.0002178	-0.0006196	-0.0004724	-1.02E-04	-2.90E-04	-2.21E-04	-2.01E-04	-5.72E-04	-4.36E-04
499	474268.71, 3847805.61	1.97272	5.70145	4.29452	-0.0002421	-0.0006997	-0.000527	-1.13E-04	-3.27E-04	-2.46E-04	-2.23E-04	-6.46E-04	-4.86E-04
500	474268.71, 3847830.61	2.26464	6.75747	5.04095	-0.0002779	-0.0008293	-0.0006186	-1.30E-04	-3.88E-04	-2.89E-04	-2.57E-04	-7.65E-04	-5.71E-04
501	474268.71, 3847855.61	2.57984	7.92289	5.82146	-0.0003166	-0.0009723	-0.0007144	-1.48E-04	-4.54E-04	-3.34E-04	-2.92E-04	-8.97E-04	-6.59E-04
502	474268.71, 3847880.61	2.91377	9.1733	6.67151	-0.0003576	-0.0011257	-0.0008187	-1.67E-04	-5.26E-04	-3.83E-04	-3.30E-04	-1.04E-03	-7.56E-04
503	474268.71, 3847905.61	3.28979	10.53782	7.60611	-0.0004037	-0.0012932	-0.0009334	-1.89E-04	-6.04E-04	-4.36E-04	-3.73E-04	-1.19E-03	-8.62E-04
504	474268.71, 3847930.61	3.73451	12.20584	8.75128	-0.0004583	-0.0014979	-0.0010739	-2.14E-04	-7.00E-04	-5.02E-04	-4.23E-04	-1.38E-03	-9.91E-04
505	474268.71, 3847955.61	4.16014	13.6936	9.7679	-0.0005105	-0.0016805	-0.0011987	-2.39E-04	-7.85E-04	-5.60E-04	-4.71E-04	-1.55E-03	-1.11E-03
506	474268.71, 3847980.61	4.59419	15.05452	10.7356	-0.0005638	-0.0018475	-0.0013175	-2.64E-04	-8.64E-04	-6.16E-04	-5.20E-04	-1.71E-03	-1.22E-03
507	474268.71, 3848005.61	5.07174	16.41986	11.60522	-0.0006224	-0.002015	-0.0014242	-2.91E-04	-9.42E-04	-6.66E-04	-5.75E-04	-1.86E-03	-1.31E-03
508	474268.71, 3848030.61	5.72694	18.61987	13.05241	-0.0007028	-0.002285	-0.0016018	-3.28E-04	-1.07E-03	-7.49E-04	-6.49E-04	-2.11E-03	-1.48E-03
509	474268.71, 3848055.61	6.7143	21.62327	15.41404	-0.000824	-0.0026536	-0.0018916	-3.85E-04	-1.24E-03	-8.84E-04	-7.61E-04	-2.45E-03	-1.75E-03
510	474268.71, 3848080.61	8.24207	25.7975	18.92749	-0.0010115	-0.0031658	-0.0023227	-4.73E-04	-1.48E-03	-1.09E-03	-9.34E-04	-2.92E-03	-2.14E-03
511	474268.71, 3848105.61	10.16297	30.4497	23.11415	-0.0012472	-0.0037367	-0.0028365	-5.83E-04	-1.75E-03	-1.33E-03	-1.15E-03	-3.45E-03	-2.62E-03
512	474293.71, 3847780.61	1.73546	4.99652	3.79274	-0.000213	-0.0006132	-0.0004654	-9.95E-05	-2.87E-04	-2.18E-04	-1.97E-04	-5.66E-04	-4.30E-04
513	474293.71, 3847805.61	1.92571	5.64154	4.25038	-0.0002363	-0.0006923	-0.0005216	-1.10E-04	-3.24E-04	-2.44E-04	-2.18E-04	-6.39E-04	-4.81E-04
514	474293.71, 3847830.61	2.16038	6.46208	4.80873	-0.0002651	-0.000793	-0.0005901	-1.24E-04	-3.71E-04	-2.76E-04	-2.45E-04	-7.32E-04	-5.45E-04
515	474293.71, 3847855.61	2.4144	7.33802	5.41414	-0.0002963	-0.0009005	-0.0006644	-1.38E-04	-4.21E-04	-3.11E-04	-2.74E-04	-8.31E-04	-6.13E-04
516	474293.71, 3847880.61	2.6883	8.1859	6.02739	-0.0003299	-0.0010046	-0.0007397	-1.54E-04	-4.70E-04	-3.46E-04	-3.05E-04	-9.27E-04	-6.83E-04
517	474293.71, 3847905.61	3.03578	9.50143	6.93202	-0.0003725	-0.001166	-0.0008507	-1.74E-04	-5.45E-04	-3.98E-04	-3.44E-04	-1.08E-03	-7.85E-04
518	474293.71, 3847930.61	3.39839	10.85931	7.83514	-0.000417	-0.0013326	-0.0009615	-1.95E-04	-6.23E-04	-4.49E-04	-3.85E-04	-1.23E-03	-8.88E-04
519	474293.71, 3847955.61	3.68225	11.89922	8.55325	-0.0004519	-0.0014603	-0.0010496	-2.11E-04	-6.83E-04	-4.91E-04	-4.17E-04	-1.35E-03	-9.69E-04
520	474293.71, 3847980.61	4.03377	13.02994	9.22846	-0.000495	-0.001599	-0.0011325	-2.31E-04	-7.47E-04	-5.29E-04	-4.57E-04	-1.48E-03	-1.05E-03
521	474293.71, 3848005.61	4.53135	14.68422	10.34953	-0.0005561	-0.001802	-0.0012701	-2.60E-04	-8.42E-04	-5.94E-04	-5.13E-04	-1.66E-03	-1.17E-03
522	474293.71, 3848030.61	5.15698	16.78543	11.80205	-0.0006329	-0.0020599	-0.0014483	-2.96E-04	-9.63E-04	-6.77E-04	-5.84E-04	-1.90E-03	-1.34E-03
523	474293.71, 3848055.61	5.90323	19.1349	13.53313	-0.0007244	-0.0023482	-0.0016608	-3.39E-04	-1.10E-03	-7.76E-04	-6.69E-04	-2.17E-03	-1.53E-03
524	474293.71, 3848080.61	6.90485	21.95105	15.86317	-0.0008474	-0.0026938	-0.0019467	-3.96E-04	-1.26E-03	-9.10E-04	-7.82E-04	-2.49E-03	-1.80E-03
525	474293.71, 3848105.61	8.59988	26.53627	19.83462	-0.0010554	-0.0032565	-0.0024341	-4.93E-04	-1.52E-03	-1.14E-03	-9.74E-04	-3.01E-03	-2.25E-03
526	474293.71, 3848130.61	10.43597	30.89107	23.47794	-0.0012807	-0.0037909	-0.0028812	-5.99E-04	-1.77E-03	-1.35E-03	-1.18E-03	-3.50E-03	-2.66E-03
527	474318.71, 3847805.61	1.8461	5.40547	4.08116	-0.0002266	-0.0006634	-0.0005008	-1.06E-04	-3.10E-04	-2.34E-04	-2.09E-04	-6.12E-04	-4.62E-04
528	474318.71, 3847830.61	2.04463	6.08426	4.52718	-0.0002509	-0.0007467	-0.0005556	-1.17E-04	-3.49E-04	-2.60E-04	-2.32E-04	-6.89E-04	-5.13E-04
529	474318.71, 3847855.61	2.24465	6.726	4.96885	-0.0002755	-0.0008254	-0.0006098	-1.29E-04	-3.86E-04	-2.85E-04	-2.54E-04	-7.62E-04	-5.63E-04
530	474318.71, 3847880.61	2.47823	7.38056	5.45677	-0.0003041	-0.0009057	-0.0006696	-1.42E-04	-4.23E-04	-3.13E-04	-2.81E-04	-8.36E-04	-6.18E-04
531	474318.71, 3847905.61	2.76192	8.42812	6.17328	-0.0003389	-0.0010343	-0.0007576	-1.58E-04	-4.83E-04	-3.54E-04	-3.13E-04	-9.55E-04	-6.99E-04
532	474318.71, 3847930.61	2.98149	9.1245	6.62622	-0.0003659	-0.0011197	-0.0008132	-1.71E-04	-5.23E-04	-3.80E-04	-3.38E-04	-1.03E-03	-7.51E-04
533	474318.71, 3847955.61	3.30031	10.45826	7.51091	-0.000405	-0.0012834	-0.0009217	-1.89E-04	-6.00E-04	-4.31E-04	-3.74E-04	-1.18E-03	-8.51E-04
534	474318.71, 3847980.61	3.63583	11.6307	8.2151	-0.0004462	-0.0014273	-0.0010081	-2.09E-04	-6.67E-04	-4.71E-04	-4.12E-04	-1.32E-03	-9.31E-04
535	474318.71, 3848005.61	4.07924	13.18834	9.30625	-0.0005006	-0.0016185	-0.001142	-2.34E-04	-7.56E-04	-5.34E-04	-4.62E-04	-1.49E-03	-1.05E-03
536	474318.71, 3848030.61	4.54522	14.73657	10.3192	-0.0005578	-0.0018084	-0.0012664	-2.61E-04	-8.45E-04	-5.92E-04	-5.15E-04	-1.67E-03	-1.17E-03
537	474318.71, 3848055.61	5.03685	16.28298	11.46945	-0.0006181	-0.0019982	-0.0014075	-2.89E-04	-9.34E-04	-6.58E-04	-5.71E-04	-1.84E-03	-1.30E-03
538	474318.71, 3848080.61	6.01765	19.42996	13.85443	-0.0007385	-0.0023844	-0.0017002	-3.45E-04	-1.11E-03	-7.95E-04	-6.82E-04	-2.20E-03	-1.57E-03
539	474318.71, 3848105.61	6.98397	21.96773	16.03879	-0.0008571	-0.0026958	-0.0019683	-4.01E-04	-1.26E-03	-9.20E-04	-7.91E-04	-2.49E-03	-1.82E-03
540	474318.71, 3848130.61	8.82117	26.85524	20.16845	-0.0010825	-0.0032956	-0.002475	-5.06E-04	-1.54E-03	-1.16E-03	-9.99E-04	-3.04E-03	-2.28E-03
541	474318.71, 3848155.61	10.65028	31.50426	23.82767	-0.001307	-0.0038661	-0.0029241	-6.11E-04	-1.81E-03	-1.37E-03	-1.21E-03	-3.57E-03	-2.70E-03
542	474343.71, 3847830.61	1.86479	5.37126	4.03633	-0.0002288	-0.0006592	-0.0004953	-1.07E-04	-3.08E-04	-2.32E-04	-2.11E-04	-6.08E-04	-4.57E-04
543	474343.71, 3847855.61	1.99336	5.70538	4.26549	-0.0002446	-0.0007002	-0.0005235	-1.14E-04	-3.27E-04	-2.45E-04	-2.26E-04	-6.46E-04	-4.83E-04
544	474343.71, 3847880.61	2.1651	6.2063	4.64453	-0.0002657	-0.0007616	-0.00057	-1.24E-04	-3.56E-04	-2.66E-04	-2.45E-04	-7.03E-04	-5.26E-04
545	474343.71, 3847905.61	2.39469	6.9955	5.20157	-0.0002939	-0.0008585	-0.0006383	-1.37E-04	-4.01E-04	-2.98E-04	-2.71E-04	-7.92E-04	-5.89E-04
546	474343.71, 3847930.61	2.68907	8.11796	5.92645	-0.00033	-0.0009962	-0.0007273	-1.54E-04	-4.66E-04	-3.40E-04	-3.05E-04	-9.20E-04	-6.71E-04
547	474343.71, 3847955.61	2.96288	9.15595	6.57537	-0.0003636	-0.0011236	-0.0008069	-1.70E-04	-5.25E-04	-3.77E-04	-3.36E-04	-1.04E-03	-7.45E-04
548	474343.71, 3847980.61	3.27481	10.17047	7.15891	-0.0004019	-0.0012481	-0.0008785	-1.88E-04	-5.83E-04	-4.11E-04	-3.71E-04	-1.15E-03	-8.11E-04
549	474343.71, 3848005.61	3.66534	11.60323	8.19702	-0.0004498	-0.0014239	-0.0010059	-2.10E-04	-6.66E-04	-4.70E-04	-4.15E-04	-1.31E-03	-9.29E-04
550	474343.71, 3848030.61	4.11366	13.19562	9.24872	-0.0005048	-0.0016193	-0.001135	-2.36E-04	-7.57E-04	-5.31E-04	-4.66E-04	-1.49E-03	-1.05E-03
551	474343.71, 3848055.61	4.62694	14.92656	10.47919	-0.0005678	-0.0018318	-0.001286	-2.65E-04	-8.56E-04	-6.01E-04	-5.24E-04	-1.69E-03	-1.19E-03
552	474343.71, 3848080.61	5.18188	16.74242	11.86671	-0.0006359	-0.0020546	-0.0014563	-2.97E-04	-9.60E-04	-6.81E-04	-5.87E-04	-1.90E-03	-1.34E-03
553	474343.71, 3848105.61	6.04553	19.32918	13.966	-0.0007419	-0.002372	-0.0017139	-3.47E-04	-1.11E-03	-8.01E-04	-6.85E-04	-2.19E-03	-1.58E-03
554	474343.71, 3848130.61	7.19134	22.35657	16.42754	-0.0008825	-0.0027436	-0.002016	-4.12E-04	-1.28E-03	-9.42E-04	-8.15E-04	-2.53E-03	-1.86E-03
555	474343.71, 3848155.61	9.02867	27.217	20.65747	-0.001108	-0.00334	-0.002535	-5.18E-04	-1.56E-03	-1.18E-03	-1.02E-03	-3.08E-03	-2.34E-03
556	474343.71, 3848180.61	10.82527	32.01432	24.23684	-0.0013285	-0.0039287	-0.0029743	-6.21E-04	-1.84E-03	-1.39E-03	-1.23E-03	-3.63E-03	-2.75E-03
557	474368.71, 3847855.61	1.84071	5.1371	3.8644	-0.0002259	-0.0006304	-0.0004742	-1.06E-04	-2.95E-04	-2.22E-04	-2.09E-04	-5.82E-04	-4.38E-04
558	474368.71, 3847880.61	1.99911	5.61256	4.19483	-0.0002453	-0.0006888	-0.0005148	-1.15E-04	-3.22E-04	-2.41E-04	-2.26E-04	-6.36E-04	-4.75E-04
559	474368.71, 3847905.61	2.20113	6.27845	4.70538	-0.0002701	-0.0007705	-0.0005774	-1.26E-04	-3.60E-04	-2.70E-04	-2.49E-04	-7.11E-04	-5.33E-04
560	474368.71, 3847930.61	2.45063	7.18946	5.32824	-0.0003007	-0.0008823	-0.0006539	-1.41E-04	-4.12E-04	-3.06E-04	-2.78E-04	-8.14E-04	-6.04E-04
561	474368.71, 3847955.61	2.66789	7.86192	5.67272	-0.0003274	-0.0009648	-0.0006961	-1.53E-04	-4.51E-04	-3.25E-04	-3.02E-04	-8.91E-04	-6.43E-04
562	474368.71, 3847980.61	2.98041	9.10944	6.39588	-0.0003658	-0.0011179	-0.0007849	-1.71E-04	-5.23E-04	-3.67E-04	-3.38E-04	-1.03E-03	-7.25E-04
563	474368.71, 3848005.61	3.31598	10.37724	7.27984	-0.0004069	-0.0012735	-0.0008934	-1.90E-04	-5.95E-04	-4.18E-04	-3.76E-04	-1.18E-03	-8.25E-04
564	474368.71, 3848030.61	3.6859	11.71288	8.24016	-0.0004523	-0.0014374	-0.0010112	-2.11E-04	-6.72E-04	-4.73E-04	-4.18E-04	-1.33E-03	-9.33E-04
565	474368.71, 3848055.61	4.10463	13.13597	9.21598	-0.0005037	-0.001612	-0.001131	-2.35E-04	-7.53E-04	-5.29E-04	-4.65E-04	-1.49E-03	-1.04E-03
566	474368.71, 3848080.61	4.53483	14.41384	10.26718	-0.0005565	-0.0017688	-0.00126	-2.60E-04	-8.27E-04	-5.89E-04	-5.14E-04	-1.63E-03	-1.16E-03
567	474368.71, 3848105.61	5.29111	17.0771	12.26419	-0.0006493	-0.0020957	-0.001505	-3.03E-04	-9.80E-04	-7.03E-04	-5.99E-04	-1.93E-03	-1.39E-03
568	474368.71, 3848130.61	6.2641	19.96735	14.49017	-0.0007687	-0.0024504	-0.0017782	-3.59E-04	-1.15E-03	-8.31E-04	-7.10E-04	-2.26E-03	-1.64E-03
569	474368.71, 3848155.61	7.57981	23.53082	17.47616	-0.0009302	-0.0028877	-0.0021446	-4.35E-04	-1.35E-03	-1.00E-03	-8.59E-04	-2.67E-03	-1.98E-03

570	474368.71, 3848180.61	9.22728	27.57614	21.13398	-0.0011324	-0.0033841	-0.0025935	-5.29E-04	-1.58E-03	-1.21E-03	-1.05E-03	-3.12E-03	-2.39E-03
571	474368.71, 3848205.61	11.11266	32.73878	24.87028	-0.0013637	-0.0040176	-0.003052	-6.37E-04	-1.88E-03	-1.43E-03	-1.26E-03	-3.71E-03	-2.82E-03
572	474393.71, 3847880.61	1.89529	5.28734	3.96775	-0.0002326	-0.0006489	-0.0004869	-1.09E-04	-3.03E-04	-2.28E-04	-2.15E-04	-5.99E-04	-4.49E-04
573	474393.71, 3847905.61	2.06859	5.83067	4.39406	-0.0002539	-0.0007155	-0.0005392	-1.19E-04	-3.34E-04	-2.52E-04	-2.34E-04	-6.60E-04	-4.98E-04
574	474393.71, 3847930.61	2.26308	6.48999	4.89341	-0.0002777	-0.0007964	-0.0006005	-1.30E-04	-3.72E-04	-2.81E-04	-2.56E-04	-7.35E-04	-5.54E-04
575	474393.71, 3847955.61	2.35978	6.68479	4.90051	-0.0002896	-0.0008203	-0.0006014	-1.35E-04	-3.83E-04	-2.81E-04	-2.67E-04	-7.57E-04	-5.55E-04
576	474393.71, 3847980.61	2.59473	7.54956	5.38321	-0.0003184	-0.0009265	-0.0006606	-1.49E-04	-4.33E-04	-3.09E-04	-2.94E-04	-8.55E-04	-6.10E-04
577	474393.71, 3848005.61	3.00373	9.24059	6.45928	-0.0003686	-0.001134	-0.0007927	-1.72E-04	-5.30E-04	-3.71E-04	-3.40E-04	-1.05E-03	-7.32E-04
578	474393.71, 3848030.61	3.42583	10.87652	7.64088	-0.0004204	-0.0013347	-0.0009377	-1.97E-04	-6.24E-04	-4.38E-04	-3.88E-04	-1.23E-03	-8.66E-04
579	474393.71, 3848055.61	3.76005	12.04264	8.41361	-0.0004614	-0.0014779	-0.0010325	-2.16E-04	-6.91E-04	-4.83E-04	-4.26E-04	-1.36E-03	-9.53E-04
580	474393.71, 3848080.61	4.31894	14.03007	9.80385	-0.00053	-0.0017217	-0.0012031	-2.48E-04	-8.05E-04	-5.62E-04	-4.89E-04	-1.59E-03	-1.11E-03
581	474393.71, 3848105.61	4.84386	15.66208	11.09886	-0.0005944	-0.001922	-0.001362	-2.78E-04	-8.98E-04	-6.37E-04	-5.49E-04	-1.77E-03	-1.26E-03
582	474393.71, 3848130.61	5.53269	17.92679	12.91944	-0.000679	-0.0021999	-0.0015855	-3.17E-04	-1.03E-03	-7.41E-04	-6.27E-04	-2.03E-03	-1.46E-03
583	474393.71, 3848155.61	6.37653	20.23574	14.70316	-0.0007825	-0.0024833	-0.0018043	-3.66E-04	-1.16E-03	-8.43E-04	-7.22E-04	-2.29E-03	-1.67E-03
584	474393.71, 3848180.61	7.6077	23.43583	17.52264	-0.0009336	-0.002876	-0.0021503	-4.36E-04	-1.34E-03	-1.01E-03	-8.62E-04	-2.65E-03	-1.98E-03
585	474393.71, 3848205.61	9.39273	28.02309	21.36994	-0.0011527	-0.0034389	-0.0026225	-5.39E-04	-1.61E-03	-1.23E-03	-1.06E-03	-3.17E-03	-2.42E-03
586	474393.71, 3848230.61	11.3825	33.3673	25.5432	-0.0013968	-0.0040948	-0.0031346	-6.53E-04	-1.91E-03	-1.47E-03	-1.29E-03	-3.78E-03	-2.89E-03
587	474418.71, 3847905.61	1.9666	5.52496	4.16886	-0.0002413	-0.000678	-0.0005116	-1.13E-04	-3.17E-04	-2.39E-04	-2.23E-04	-6.26E-04	-4.72E-04
588	474418.71, 3847930.61	2.07405	5.77241	4.4229	-0.0002545	-0.0007084	-0.0005428	-1.19E-04	-3.31E-04	-2.54E-04	-2.35E-04	-6.54E-04	-5.01E-04
589	474418.71, 3847955.61	2.1167	5.83535	4.35579	-0.0002598	-0.0007161	-0.0005345	-1.21E-04	-3.35E-04	-2.50E-04	-2.40E-04	-6.61E-04	-4.93E-04
590	474418.71, 3847980.61	2.28206	6.30601	4.61855	-0.0002801	-0.0007739	-0.0005668	-1.31E-04	-3.62E-04	-2.65E-04	-2.59E-04	-7.14E-04	-5.23E-04
591	474418.71, 3848005.61	2.65506	7.85904	5.52235	-0.0003258	-0.0009644	-0.0006777	-1.52E-04	-4.51E-04	-3.17E-04	-3.01E-04	-8.90E-04	-6.26E-04
592	474418.71, 3848030.61	3.09803	9.68554	6.81392	-0.0003802	-0.0011886	-0.0008362	-1.78E-04	-5.56E-04	-3.91E-04	-3.51E-04	-1.10E-03	-7.72E-04
593	474418.71, 3848055.61	3.45461	11.03461	7.73292	-0.0004239	-0.0013541	-0.000949	-1.98E-04	-6.33E-04	-4.44E-04	-3.91E-04	-1.25E-03	-8.76E-04
594	474418.71, 3848080.61	3.78622	12.11374	8.42205	-0.0004646	-0.0014866	-0.0010335	-2.17E-04	-6.95E-04	-4.83E-04	-4.29E-04	-1.37E-03	-9.54E-04
595	474418.71, 3848105.61	4.29198	13.80594	9.77762	-0.0005267	-0.0016942	-0.0011999	-2.46E-04	-7.92E-04	-5.61E-04	-4.86E-04	-1.56E-03	-1.11E-03
596	474418.71, 3848130.61	4.86181	15.85004	11.35236	-0.0005966	-0.0019451	-0.0013931	-2.79E-04	-9.09E-04	-6.51E-04	-5.51E-04	-1.80E-03	-1.29E-03
597	474418.71, 3848155.61	5.58524	18.05173	13.00873	-0.0006854	-0.0022153	-0.0015964	-3.20E-04	-1.04E-03	-7.46E-04	-6.33E-04	-2.04E-03	-1.47E-03
598	474418.71, 3848180.61	6.54954	20.6339	15.14857	-0.0008037	-0.0025322	-0.001859	-3.76E-04	-1.18E-03	-8.69E-04	-7.42E-04	-2.34E-03	-1.72E-03
599	474418.71, 3848205.61	8.04892	24.6682	18.47009	-0.0009877	-0.0030272	-0.0022666	-4.62E-04	-1.41E-03	-1.06E-03	-9.12E-04	-2.79E-03	-2.09E-03
600	474418.71, 3848230.61	9.64151	28.72682	21.88773	-0.0011832	-0.0035253	-0.002686	-5.53E-04	-1.65E-03	-1.26E-03	-1.09E-03	-3.25E-03	-2.48E-03
601	474418.71, 3848255.61	11.66982	34.02257	26.13144	-0.0014321	-0.0041752	-0.0032068	-6.69E-04	-1.95E-03	-1.50E-03	-1.32E-03	-3.85E-03	-2.96E-03
602	474443.71, 3847905.61	1.85826	5.16825	3.90212	-0.000228	-0.0006342	-0.0004789	-1.07E-04	-2.96E-04	-2.24E-04	-2.11E-04	-5.85E-04	-4.42E-04
603	474443.71, 3847930.61	1.92559	5.23836	4.02392	-0.0002363	-0.0006428	-0.0004938	-1.10E-04	-3.00E-04	-2.31E-04	-2.18E-04	-5.93E-04	-4.56E-04
604	474443.71, 3847955.61	1.92737	5.11517	3.9235	-0.0002365	-0.0006277	-0.0004815	-1.11E-04	-2.93E-04	-2.25E-04	-2.18E-04	-5.79E-04	-4.44E-04
605	474443.71, 3847980.61	2.08139	5.71824	4.20235	-0.0002554	-0.0007017	-0.0005157	-1.19E-04	-3.28E-04	-2.41E-04	-2.36E-04	-6.48E-04	-4.76E-04
606	474443.71, 3848005.61	2.35517	6.73363	4.77386	-0.000289	-0.0008263	-0.0005858	-1.35E-04	-3.86E-04	-2.74E-04	-2.67E-04	-7.63E-04	-5.41E-04
607	474443.71, 3848030.61	2.73434	8.26946	5.80662	-0.0003356	-0.0010148	-0.0007126	-1.57E-04	-4.74E-04	-3.33E-04	-3.10E-04	-9.37E-04	-6.58E-04
608	474443.71, 3848055.61	3.12005	9.8283	6.85305	-0.0003829	-0.0012061	-0.000841	-1.79E-04	-5.64E-04	-3.93E-04	-3.53E-04	-1.11E-03	-7.76E-04
609	474443.71, 3848080.61	3.45948	11.04539	7.64544	-0.0004245	-0.0013555	-0.0009382	-1.98E-04	-6.34E-04	-4.39E-04	-3.92E-04	-1.25E-03	-8.66E-04
610	474443.71, 3848105.61	3.91972	12.64258	8.85763	-0.000481	-0.0015515	-0.001087	-2.25E-04	-7.25E-04	-5.08E-04	-4.44E-04	-1.43E-03	-1.00E-03
611	474443.71, 3848130.61	4.42934	14.49323	10.17263	-0.0005436	-0.0017786	-0.0012484	-2.54E-04	-8.31E-04	-5.84E-04	-5.02E-04	-1.64E-03	-1.15E-03
612	474443.71, 3848155.61	5.03304	16.4941	11.83988	-0.0006176	-0.0020241	-0.001453	-2.89E-04	-9.46E-04	-6.79E-04	-5.70E-04	-1.87E-03	-1.34E-03
613	474443.71, 3848180.61	5.80562	18.7173	13.54001	-0.0007125	-0.002297	-0.0016616	-3.33E-04	-1.07E-03	-7.77E-04	-6.58E-04	-2.12E-03	-1.53E-03
614	474443.71, 3848205.61	6.75322	21.15125	15.72466	-0.0008287	-0.0025956	-0.0019297	-3.87E-04	-1.21E-03	-9.02E-04	-7.65E-04	-2.40E-03	-1.78E-03
615	474443.71, 3848230.61	8.31421	25.26916	19.05944	-0.0010203	-0.003101	-0.0023389	-4.77E-04	-1.45E-03	-1.09E-03	-9.42E-04	-2.86E-03	-2.16E-03
616	474443.71, 3848255.61	9.91423	29.39476	22.45235	-0.0012167	-0.0036073	-0.0027553	-5.69E-04	-1.69E-03	-1.29E-03	-1.12E-03	-3.33E-03	-2.54E-03
617	474443.71, 3848280.61	11.96245	34.70286	26.73356	-0.001468	-0.0042587	-0.0032807	-6.86E-04	-1.99E-03	-1.53E-03	-1.36E-03	-3.93E-03	-3.03E-03
618	474468.71, 3847930.61	1.82999	4.94983	3.80218	-0.0002246	-0.0006074	-0.0004666	-1.05E-04	-2.84E-04	-2.18E-04	-2.07E-04	-5.61E-04	-4.31E-04
619	474468.71, 3847955.61	1.87256	4.98739	3.8634	-0.0002298	-0.000612	-0.0004741	-1.07E-04	-2.86E-04	-2.22E-04	-2.12E-04	-5.65E-04	-4.38E-04
620	474468.71, 3847980.61	2.01617	5.56602	4.11231	-0.0002474	-0.0006831	-0.0005047	-1.16E-04	-3.19E-04	-2.36E-04	-2.28E-04	-6.31E-04	-4.66E-04
621	474468.71, 3848005.61	2.23774	6.40136	4.58208	-0.0002746	-0.0007856	-0.0005623	-1.28E-04	-3.67E-04	-2.63E-04	-2.53E-04	-7.25E-04	-5.19E-04
622	474468.71, 3848030.61	2.52449	7.50973	5.23376	-0.0003098	-0.0009216	-0.0006423	-1.45E-04	-4.31E-04	-3.00E-04	-2.86E-04	-8.51E-04	-5.93E-04
623	474468.71, 3848055.61	2.85703	8.88266	6.19408	-0.0003506	-0.0010901	-0.0007601	-1.64E-04	-5.10E-04	-3.55E-04	-3.24E-04	-1.01E-03	-7.02E-04
624	474468.71, 3848080.61	3.24344	10.39423	7.21419	-0.000398	-0.0012756	-0.0008853	-1.86E-04	-5.96E-04	-4.14E-04	-3.67E-04	-1.18E-03	-8.17E-04
625	474468.71, 3848105.61	3.52248	11.27358	7.80742	-0.0004323	-0.0013835	-0.0009581	-2.02E-04	-6.47E-04	-4.48E-04	-3.99E-04	-1.28E-03	-8.84E-04
626	474468.71, 3848130.61	3.97684	12.93842	9.10455	-0.000488	-0.0015878	-0.0011173	-2.28E-04	-7.42E-04	-5.22E-04	-4.50E-04	-1.47E-03	-1.03E-03
627	474468.71, 3848155.61	4.51959	14.88288	10.59294	-0.0005546	-0.0018264	-0.0012999	-2.59E-04	-8.54E-04	-6.08E-04	-5.12E-04	-1.69E-03	-1.20E-03
628	474468.71, 3848180.61	5.16404	16.92731	12.15309	-0.0006337	-0.0020773	-0.0014914	-2.96E-04	-9.71E-04	-6.97E-04	-5.85E-04	-1.92E-03	-1.38E-03
629	474468.71, 3848205.61	5.93681	19.0434	13.85259	-0.0007286	-0.002337	-0.0017	-3.41E-04	-1.09E-03	-7.95E-04	-6.73E-04	-2.16E-03	-1.57E-03
630	474468.71, 3848230.61	7.05567	22.04167	16.34994	-0.0008659	-0.0027049	-0.0020064	-4.05E-04	-1.26E-03	-9.38E-04	-7.99E-04	-2.50E-03	-1.85E-03
631	474468.71, 3848255.61	8.5049	25.69052	19.57438	-0.0010437	-0.0031527	-0.0024021	-4.88E-04	-1.47E-03	-1.12E-03	-9.63E-04	-2.91E-03	-2.22E-03
632	474468.71, 3848280.61	10.11188	29.84408	22.94121	-0.0012409	-0.0036624	-0.0028153	-5.80E-04	-1.71E-03	-1.32E-03	-1.15E-03	-3.38E-03	-2.60E-03
633	474468.71, 3848305.61	12.32398	35.49348	27.37033	-0.0015124	-0.0043557	-0.0033588	-7.07E-04	-2.04E-03	-1.57E-03	-1.40E-03	-4.02E-03	-3.10E-03
634	474493.71, 3847955.61	1.85644	5.02292	3.88055	-0.0002278	-0.0006164	-0.0004762	-1.06E-04	-2.88E-04	-2.23E-04	-2.10E-04	-5.69E-04	-4.40E-04
635	474493.71, 3847980.61	1.97454	5.50477	4.09864	-0.0002423	-0.0006755	-0.000503	-1.13E-04	-3.16E-04	-2.35E-04	-2.24E-04	-6.24E-04	-4.64E-04
636	474493.71, 3848005.61	2.10843	6.03971	4.36084	-0.0002587	-0.0007412	-0.0005352	-1.21E-04	-3.46E-04	-2.50E-04	-2.39E-04	-6.84E-04	-4.94E-04
637	474493.71, 3848030.61	2.27727	6.6992	4.67538	-0.0002795	-0.0008221	-0.0005738	-1.31E-04	-3.84E-04	-2.68E-04	-2.58E-04	-7.59E-04	-5.30E-04
638	474493.71, 3848055.61	2.51975	7.6497	5.33383	-0.0003092	-0.0009388	-0.0006546	-1.45E-04	-4.39E-04	-3.06E-04	-2.85E-04	-8.67E-04	-6.04E-04
639	474493.71, 3848080.61	2.91525	9.16899	6.31892	-0.0003578	-0.0011252	-0.0007754	-1.67E-04	-5.26E-04	-3.62E-04	-3.30E-04	-1.04E-03	-7.16E-04
640	474493.71, 3848105.61	3.1701	10.03511	6.9146	-0.000389	-0.0012315	-0.0008485	-1.82E-04	-5.76E-04	-3.97E-04	-3.59E-04	-1.14E-03	-7.83E-04
641	474493.71, 3848130.61	3.59404	11.6595	8.13556	-0.0004411	-0.0014308	-0.0009984	-2.06E-04	-6.69E-04	-4.67E-04	-4.07E-04	-1.32E-03	-9.22E-04
642	474493.71, 3848155.61	4.07285	13.38621	9.36321	-0.0004998	-0.0016427	-0.001149	-2.34E-04	-7.68E-04	-5.37E-04	-4.61E-04	-1.52E-03	-1.06E-03
643	474493.71, 3848180.61	4.6176	15.27137	10.91603	-0.0005667	-0.0018741	-0.0013396	-2.65E-04	-8.76E-04	-6.26E-04	-5.23E-04	-1.73E-03	-1.24E-03
644	474493.71, 3848205.61	5.28261	17.2839	12.42846	-0.0006483	-0.0021211	-0.0015252	-3.03E-04	-9.91E-04	-7.13E-04	-5.98E-04	-1.96E-03	-1.41E-03
645	474493.71, 3848230.61	6.08271	19.38457	14.24347	-0.0007465	-0.0023788	-0.0017479	-3.49E-04	-1.11E-03	-8.17E-04	-6.89E-04	-2.20E-03	-1.61E-03
646	474493.71, 3848255.61	7.32626	22.80802	16.97118	-0.0008991	-0.002799	-0.0020827	-4.20E-04	-1.31E-03	-9.73E-04	-8.30E-04	-2.58E-03	-1.92E-03
647	474493.71, 3848280.61	8.76427	26.37109	20.20695	-0.0010755	-0.0032362	-0.0024798	-5.03E-04	-1.51E-03	-1.16E-03	-9.93E-04	-2.99E-03	-2.29E-03
648	474493.71, 3848305.61	10.44791	30.59595	23.65986	-0.0012821	-0.0037547	-0.0029035	-5.99E-04	-1.75E-03	-1.36E-03	-1.18E-03	-3.47E-03	-2.68E-03
649	474518.71, 3847980.61	1.90479	5.29858	4.0083	-0.0002338	-0.0006502	-0.0004919	-1.09E-04	-3.04E-04	-2.30E-04	-2.16E-04	-6.00E-04	-4.54E-04
650	474518.71, 3848005.61	2.01269	5.73312	4.17887	-0.000247	-0.0007036	-0.0005128	-1.15E-04	-3.29E-04	-2.40E-04	-2.28E-04	-6.49E-04	-4.73E-04
651	474518.71, 3848030.61	2.14555	6.25098	4.40616	-0.0002633	-0.0007671	-0.0005407	-1.23E-04	-3.59E-04	-2.53E-04	-2.43E-04	-7.08E-04	-4.99E-04

652	474518.71, 3848055.61	2.32184	6.92023	4.81487	-0.0002849	-0.0008492	-0.0005909	-1.33E-04	-3.97E-04	-2.76E-04	-2.63E-04	-7.84E-04	-5.45E-04
653	474518.71, 3848080.61	2.60995	8.01824	5.51279	-0.0003203	-0.000984	-0.0006765	-1.50E-04	-4.60E-04	-3.16E-04	-2.96E-04	-9.08E-04	-6.24E-04
654	474518.71, 3848105.61	2.90469	9.12025	6.27294	-0.0003565	-0.0011192	-0.0007698	-1.67E-04	-5.23E-04	-3.60E-04	-3.29E-04	-1.03E-03	-7.11E-04
655	474518.71, 3848130.61	3.25986	10.39227	7.1993	-0.0004	-0.0012753	-0.0008835	-1.87E-04	-5.96E-04	-4.13E-04	-3.69E-04	-1.18E-03	-8.16E-04
656	474518.71, 3848155.61	3.69734	12.07638	8.48716	-0.0004537	-0.001482	-0.0010415	-2.12E-04	-6.93E-04	-4.87E-04	-4.19E-04	-1.37E-03	-9.61E-04
657	474518.71, 3848180.61	4.17242	13.83232	9.77735	-0.000512	-0.0016975	-0.0011999	-2.39E-04	-7.93E-04	-5.61E-04	-4.73E-04	-1.57E-03	-1.11E-03
658	474518.71, 3848205.61	4.7347	15.69384	11.21712	-0.000581	-0.0019259	-0.0013765	-2.72E-04	-9.00E-04	-6.43E-04	-5.36E-04	-1.78E-03	-1.27E-03
659	474518.71, 3848230.61	5.45111	17.76429	12.86384	-0.000669	-0.00218	-0.0015786	-3.13E-04	-1.02E-03	-7.38E-04	-6.17E-04	-2.01E-03	-1.46E-03
660	474518.71, 3848255.61	6.32518	20.07505	14.80923	-0.0007762	-0.0024636	-0.0018174	-3.63E-04	-1.15E-03	-8.49E-04	-7.17E-04	-2.27E-03	-1.68E-03
661	474518.71, 3848280.61	7.65114	23.65098	17.67254	-0.0009389	-0.0029024	-0.0021687	-4.39E-04	-1.36E-03	-1.01E-03	-8.67E-04	-2.68E-03	-2.00E-03
662	474518.71, 3848305.61	9.00391	26.90065	20.68029	-0.0011049	-0.0033012	-0.0025379	-5.16E-04	-1.54E-03	-1.19E-03	-1.02E-03	-3.05E-03	-2.34E-03
663	474518.71, 3848330.61	10.70955	31.18534	24.24596	-0.0013143	-0.003827	-0.0029754	-6.14E-04	-1.79E-03	-1.39E-03	-1.21E-03	-3.53E-03	-2.75E-03
664	474543.71, 3848005.61	1.94105	5.52299	4.05111	-0.0002382	-0.0006778	-0.0004971	-1.11E-04	-3.17E-04	-2.32E-04	-2.20E-04	-6.26E-04	-4.59E-04
665	474543.71, 3848030.61	2.03915	5.89967	4.2128	-0.0002502	-0.000724	-0.000517	-1.17E-04	-3.38E-04	-2.42E-04	-2.31E-04	-6.68E-04	-4.77E-04
666	474543.71, 3848055.61	2.19184	6.49372	4.52163	-0.000269	-0.0007969	-0.0005549	-1.26E-04	-3.72E-04	-2.59E-04	-2.48E-04	-7.36E-04	-5.12E-04
667	474543.71, 3848080.61	2.37003	7.19743	4.98761	-0.0002908	-0.0008833	-0.0006121	-1.36E-04	-4.13E-04	-2.86E-04	-2.68E-04	-8.15E-04	-5.65E-04
668	474543.71, 3848105.61	2.65975	8.28078	5.70968	-0.0003264	-0.0010162	-0.0007007	-1.53E-04	-4.75E-04	-3.28E-04	-3.01E-04	-9.38E-04	-6.47E-04
669	474543.71, 3848130.61	3.03451	9.69323	6.65105	-0.0003724	-0.0011895	-0.0008162	-1.74E-04	-5.56E-04	-3.82E-04	-3.44E-04	-1.10E-03	-7.53E-04
670	474543.71, 3848155.61	3.43029	11.24212	7.83731	-0.000421	-0.0013796	-0.0009618	-1.97E-04	-6.45E-04	-4.50E-04	-3.89E-04	-1.27E-03	-8.88E-04
671	474543.71, 3848180.61	3.78999	12.52317	8.72843	-0.0004651	-0.0015368	-0.0010711	-2.17E-04	-7.18E-04	-5.01E-04	-4.29E-04	-1.42E-03	-9.89E-04
672	474543.71, 3848205.61	4.29834	14.34647	10.19245	-0.0005275	-0.0017606	-0.0012508	-2.47E-04	-8.23E-04	-5.85E-04	-4.87E-04	-1.63E-03	-1.15E-03
673	474543.71, 3848230.61	4.88737	16.18892	11.62259	-0.0005998	-0.0019867	-0.0014263	-2.80E-04	-9.29E-04	-6.67E-04	-5.54E-04	-1.83E-03	-1.32E-03
674	474543.71, 3848255.61	5.5999	18.13793	13.24373	-0.0006872	-0.0022259	-0.0016252	-3.21E-04	-1.04E-03	-7.60E-04	-6.34E-04	-2.05E-03	-1.50E-03
675	474543.71, 3848280.61	6.54227	20.6581	15.25884	-0.0008029	-0.0025351	-0.0018725	-3.75E-04	-1.18E-03	-8.75E-04	-7.41E-04	-2.34E-03	-1.73E-03
676	474543.71, 3848305.61	7.82236	24.06014	18.17582	-0.0009599	-0.0029526	-0.0022305	-4.49E-04	-1.38E-03	-1.04E-03	-8.86E-04	-2.73E-03	-2.06E-03
677	474543.71, 3848330.61	9.19327	27.27757	21.11584	-0.0011282	-0.0033475	-0.0025913	-5.27E-04	-1.56E-03	-1.21E-03	-1.04E-03	-3.09E-03	-2.39E-03
678	474543.71, 3848355.61	10.95141	31.72989	24.76551	-0.0013439	-0.0038938	-0.0030392	-6.28E-04	-1.82E-03	-1.42E-03	-1.24E-03	-3.59E-03	-2.81E-03
679	474568.71, 3848030.61	1.97559	5.73456	4.13119	-0.0002424	-0.0007037	-0.000507	-1.13E-04	-3.29E-04	-2.37E-04	-2.24E-04	-6.50E-04	-4.68E-04
680	474568.71, 3848055.61	2.07272	6.08951	4.24635	-0.0002544	-0.0007473	-0.0005211	-1.19E-04	-3.49E-04	-2.44E-04	-2.35E-04	-6.90E-04	-4.81E-04
681	474568.71, 3848080.61	2.22698	6.69792	4.64432	-0.0002733	-0.000822	-0.0005699	-1.28E-04	-3.84E-04	-2.66E-04	-2.52E-04	-7.59E-04	-5.26E-04
682	474568.71, 3848105.61	2.4935	7.79235	5.33126	-0.000306	-0.0009563	-0.0006542	-1.43E-04	-4.47E-04	-3.06E-04	-2.82E-04	-8.83E-04	-6.04E-04
683	474568.71, 3848130.61	2.76819	8.84815	6.04146	-0.0003397	-0.0010858	-0.0007414	-1.59E-04	-5.08E-04	-3.47E-04	-3.14E-04	-1.00E-03	-6.84E-04
684	474568.71, 3848155.61	3.0852	9.97203	6.90693	-0.0003786	-0.0012238	-0.0008476	-1.77E-04	-5.72E-04	-3.96E-04	-3.49E-04	-1.13E-03	-7.82E-04
685	474568.71, 3848180.61	3.46216	11.35089	7.97486	-0.0004249	-0.001393	-0.0009787	-1.99E-04	-6.51E-04	-4.57E-04	-3.92E-04	-1.29E-03	-9.03E-04
686	474568.71, 3848205.61	3.89566	12.99158	9.13388	-0.0004781	-0.0015943	-0.0011209	-2.23E-04	-7.45E-04	-5.24E-04	-4.41E-04	-1.47E-03	-1.03E-03
687	474568.71, 3848230.61	4.4148	14.77765	10.54505	-0.0005418	-0.0018135	-0.0012941	-2.53E-04	-8.48E-04	-6.05E-04	-5.00E-04	-1.67E-03	-1.19E-03
688	474568.71, 3848255.61	5.01677	16.57122	11.94384	-0.0006156	-0.0020336	-0.0014657	-2.88E-04	-9.51E-04	-6.85E-04	-5.68E-04	-1.88E-03	-1.35E-03
689	474568.71, 3848280.61	5.72353	18.41264	13.54618	-0.0007024	-0.0022596	-0.0016624	-3.28E-04	-1.06E-03	-7.77E-04	-6.48E-04	-2.09E-03	-1.53E-03
690	474568.71, 3848305.61	6.74115	21.2224	15.68548	-0.0008273	-0.0026044	-0.0019249	-3.87E-04	-1.22E-03	-9.00E-04	-7.64E-04	-2.40E-03	-1.78E-03
691	474568.71, 3848330.61	7.98385	24.39138	18.63141	-0.0009798	-0.0029933	-0.0022864	-4.58E-04	-1.40E-03	-1.07E-03	-9.04E-04	-2.76E-03	-2.11E-03
692	474568.71, 3848355.61	9.36102	27.60653	21.5357	-0.0011488	-0.0033878	-0.0026428	-5.37E-04	-1.58E-03	-1.24E-03	-1.06E-03	-3.13E-03	-2.44E-03
693	474568.71, 3848380.61	11.20584	32.28206	25.21593	-0.0013752	-0.0039616	-0.0030945	-6.43E-04	-1.85E-03	-1.45E-03	-1.27E-03	-3.66E-03	-2.86E-03
694	474593.71, 3848055.61	1.96775	5.73156	4.05212	-0.0002415	-0.0007034	-0.0004973	-1.13E-04	-3.29E-04	-2.32E-04	-2.23E-04	-6.49E-04	-4.59E-04
695	474593.71, 3848080.61	2.10853	6.28811	4.37212	-0.0002588	-0.0007717	-0.0005365	-1.21E-04	-3.61E-04	-2.51E-04	-2.39E-04	-7.12E-04	-4.95E-04
696	474593.71, 3848105.61	2.3212	7.17027	4.93024	-0.0002849	-0.0008799	-0.000605	-1.33E-04	-4.11E-04	-2.83E-04	-2.63E-04	-8.12E-04	-5.58E-04
697	474593.71, 3848130.61	2.53531	7.89126	5.42913	-0.0003111	-0.0009684	-0.0006663	-1.45E-04	-4.53E-04	-3.11E-04	-2.87E-04	-8.94E-04	-6.15E-04
698	474593.71, 3848155.61	2.81736	8.9331	6.10731	-0.0003457	-0.0010963	-0.0007495	-1.62E-04	-5.12E-04	-3.50E-04	-3.19E-04	-1.01E-03	-6.92E-04
699	474593.71, 3848180.61	3.14461	10.05286	7.15495	-0.0003859	-0.0012337	-0.000878	-1.80E-04	-5.77E-04	-4.10E-04	-3.56E-04	-1.14E-03	-8.11E-04
700	474593.71, 3848205.61	3.51402	11.51338	8.03926	-0.0004312	-0.0014129	-0.0009866	-2.02E-04	-6.60E-04	-4.61E-04	-3.98E-04	-1.30E-03	-9.11E-04
701	474593.71, 3848230.61	3.99715	13.33604	9.42448	-0.0004905	-0.0016366	-0.0011566	-2.29E-04	-7.65E-04	-5.41E-04	-4.53E-04	-1.51E-03	-1.07E-03
702	474593.71, 3848255.61	4.50045	14.99638	10.73309	-0.0005523	-0.0018403	-0.0013171	-2.58E-04	-8.60E-04	-6.16E-04	-5.10E-04	-1.70E-03	-1.22E-03
703	474593.71, 3848280.61	5.0906	16.73309	12.09617	-0.0006247	-0.0020535	-0.0014844	-2.92E-04	-9.60E-04	-6.94E-04	-5.77E-04	-1.90E-03	-1.37E-03
704	474593.71, 3848305.61	5.79292	18.5237	13.62109	-0.0007109	-0.0022732	-0.0016716	-3.32E-04	-1.06E-03	-7.81E-04	-6.56E-04	-2.10E-03	-1.54E-03
705	474593.71, 3848330.61	6.85013	21.46213	15.97593	-0.0008406	-0.0026338	-0.0019605	-3.93E-04	-1.23E-03	-9.16E-04	-7.76E-04	-2.43E-03	-1.81E-03
706	474593.71, 3848355.61	8.13152	24.71059	18.98303	-0.0009979	-0.0030324	-0.0023296	-4.66E-04	-1.42E-03	-1.09E-03	-9.21E-04	-2.80E-03	-2.15E-03
707	474593.71, 3848380.61	9.57114	28.06912	21.96782	-0.0011746	-0.0034446	-0.0026959	-5.49E-04	-1.61E-03	-1.26E-03	-1.08E-03	-3.18E-03	-2.49E-03
708	474593.71, 3848405.61	11.50107	32.914	25.74018	-0.0014114	-0.0040392	-0.0031588	-6.60E-04	-1.89E-03	-1.48E-03	-1.30E-03	-3.73E-03	-2.92E-03
709	474618.71, 3848055.61	1.91584	5.61327	3.99558	-0.0002351	-0.0006889	-0.0004903	-1.10E-04	-3.22E-04	-2.29E-04	-2.17E-04	-6.36E-04	-4.53E-04
710	474618.71, 3848080.61	1.99385	5.88285	4.10268	-0.0002447	-0.0007219	-0.0005035	-1.14E-04	-3.37E-04	-2.35E-04	-2.26E-04	-6.66E-04	-4.65E-04
711	474618.71, 3848105.61	2.11405	6.35834	4.39686	-0.0002594	-0.0007803	-0.0005396	-1.21E-04	-3.65E-04	-2.52E-04	-2.39E-04	-7.20E-04	-4.98E-04
712	474618.71, 3848130.61	2.31357	7.0988	4.89567	-0.0002839	-0.0008712	-0.0006008	-1.33E-04	-4.07E-04	-2.81E-04	-2.62E-04	-8.04E-04	-5.55E-04
713	474618.71, 3848155.61	2.5695	8.03835	5.50189	-0.0003153	-0.0009865	-0.0006752	-1.47E-04	-4.61E-04	-3.16E-04	-2.91E-04	-9.11E-04	-6.23E-04
714	474618.71, 3848180.61	2.86381	9.08758	6.39065	-0.0003514	-0.0011152	-0.0007842	-1.64E-04	-5.21E-04	-3.67E-04	-3.24E-04	-1.03E-03	-7.24E-04
715	474618.71, 3848205.61	3.19027	10.287	7.26826	-0.0003915	-0.0012624	-0.0008919	-1.83E-04	-5.90E-04	-4.17E-04	-3.61E-04	-1.17E-03	-8.23E-04
716	474618.71, 3848230.61	3.60483	11.9327	8.35267	-0.0004424	-0.0014644	-0.001025	-2.07E-04	-6.84E-04	-4.79E-04	-4.08E-04	-1.35E-03	-9.46E-04
717	474618.71, 3848255.61	4.03772	13.48723	9.55827	-0.0004955	-0.0016551	-0.001173	-2.32E-04	-7.74E-04	-5.48E-04	-4.57E-04	-1.53E-03	-1.08E-03
718	474618.71, 3848280.61	4.55384	15.18973	10.92071	-0.0005588	-0.0018641	-0.0013402	-2.61E-04	-8.71E-04	-6.26E-04	-5.16E-04	-1.72E-03	-1.24E-03
719	474618.71, 3848305.61	5.14786	16.80114	12.20806	-0.0006317	-0.0020618	-0.0014982	-2.95E-04	-9.64E-04	-7.00E-04	-5.83E-04	-1.90E-03	-1.38E-03
720	474618.71, 3848330.61	5.87358	18.6406	13.71977	-0.0007208	-0.0022875	-0.0016837	-3.37E-04	-1.07E-03	-7.87E-04	-6.65E-04	-2.11E-03	-1.55E-03
721	474618.71, 3848355.61	7.00081	21.76964	16.35493	-0.0008591	-0.0026715	-0.002007	-4.02E-04	-1.25E-03	-9.38E-04	-7.93E-04	-2.47E-03	-1.85E-03
722	474618.71, 3848380.61	8.31521	25.09481	19.40445	-0.0010204	-0.0030796	-0.0023813	-4.77E-04	-1.44E-03	-1.11E-03	-9.42E-04	-2.84E-03	-2.20E-03
723	474618.71, 3848405.61	9.81167	28.58658	22.47431	-0.0012041	-0.0035081	-0.002758	-5.63E-04	-1.64E-03	-1.29E-03	-1.11E-03	-3.24E-03	-2.55E-03
724	474618.71, 3848430.61	11.79917	33.56338	26.29801	-0.001448	-0.0041188	-0.0032272	-6.77E-04	-1.93E-03	-1.51E-03	-1.34E-03	-3.80E-03	-2.98E-03
725	474643.71, 3848080.61	1.917	5.65117	3.94392	-0.0002353	-0.0006935	-0.000484	-1.10E-04	-3.24E-04	-2.26E-04	-2.17E-04	-6.40E-04	-4.47E-04
726	474643.71, 3848105.61	1.99676	5.94039	4.10984	-0.000245	-0.000729	-0.0005044	-1.15E-04	-3.41E-04	-2.36E-04	-2.26E-04	-6.73E-04	-4.66E-04
727	474643.71, 3848130.61	2.12471	6.43763	4.43195	-0.0002607	-0.00079	-0.0005439	-1.22E-04	-3.69E-04	-2.54E-04	-2.41E-04	-7.29E-04	-5.02E-04
728	474643.71, 3848155.61	2.31956	7.13979	4.92793	-0.0002847	-0.0008762	-0.0006047	-1.33E-04	-4.10E-04	-2.83E-04	-2.63E-04	-8.09E-04	-5.58E-04
729	474643.71, 3848180.61	2.59213	8.09656	5.58664	-0.0003181	-0.0009936	-0.0006856	-1.49E-04	-4.64E-04	-3.20E-04	-2.94E-04	-9.17E-04	-6.33E-04
730	474643.71, 3848205.61	2.93034	9.32299	6.66429	-0.0003596	-0.0011441	-0.0008178	-1.68E-04	-5.35E-04	-3.82E-04	-3.32E-04	-1.06E-03	-7.55E-04
731	474643.71, 3848230.61	3.27284	10.69064	7.46437	-0.0004016	-0.0013119	-0.000916	-1.88E-04	-6.13E-04	-4.28E-04	-3.71E-04	-1.21E-03	-8.46E-04
732	474643.71, 3848255.61	3.63275	12.0529	8.41797	-0.0004458	-0.0014791	-0.001033	-2.08E-04	-6.91E-04	-4.83E-04	-4.12E-04	-1.37E-03	-9.54E-04
733	474643.71, 3848280.61	4.08593	13.71218	9.74084	-0.0005014	-0.0016827	-0.0011954	-2.34E-04	-7.87E-04	-5.59E-04	-4.63E-04	-1.55E-03	-1.10E-03

734	474643.71, 3848305.61	4.60998	15.28818	11.05172	-0.0005657	-0.0018761	-0.0013562	-2.64E-04	-8.77E-04	-6.34E-04	-5.22E-04	-1.73E-03	-1.25E-03
735	474643.71, 3848330.61	5.23482	16.97434	12.3764	-0.0006424	-0.0020831	-0.0015188	-3.00E-04	-9.74E-04	-7.10E-04	-5.93E-04	-1.92E-03	-1.40E-03
736	474643.71, 3848355.61	6.03068	19.00789	14.0945	-0.0007401	-0.0023326	-0.0017297	-3.46E-04	-1.09E-03	-8.08E-04	-6.83E-04	-2.15E-03	-1.60E-03
737	474643.71, 3848380.61	7.24826	22.43359	17.01033	-0.0008895	-0.002753	-0.0020875	-4.16E-04	-1.29E-03	-9.76E-04	-8.21E-04	-2.54E-03	-1.93E-03
738	474643.71, 3848405.61	8.50281	25.45768	19.78813	-0.0010435	-0.0031241	-0.0024284	-4.88E-04	-1.46E-03	-1.14E-03	-9.63E-04	-2.88E-03	-2.24E-03
739	474643.71, 3848430.61	10.04536	29.09289	22.99594	-0.0012327	-0.0035702	-0.002822	-5.76E-04	-1.67E-03	-1.32E-03	-1.14E-03	-3.30E-03	-2.60E-03
740	474643.71, 3848455.61	12.0987	34.18001	26.89846	-0.0014847	-0.0041945	-0.0033009	-6.94E-04	-1.96E-03	-1.54E-03	-1.37E-03	-3.87E-03	-3.05E-03
741	474668.71, 3848105.61	1.96339	5.90081	4.09404	-0.0002409	-0.0007241	-0.0005024	-1.13E-04	-3.38E-04	-2.35E-04	-2.22E-04	-6.68E-04	-4.64E-04
742	474668.71, 3848130.61	2.02768	6.12195	4.20196	-0.0002488	-0.0007513	-0.0005157	-1.16E-04	-3.51E-04	-2.41E-04	-2.30E-04	-6.93E-04	-4.76E-04
743	474668.71, 3848155.61	2.13498	6.49928	4.49316	-0.000262	-0.0007976	-0.0005514	-1.22E-04	-3.73E-04	-2.58E-04	-2.42E-04	-7.36E-04	-5.09E-04
744	474668.71, 3848180.61	2.33377	7.19607	4.92959	-0.0002864	-0.0008831	-0.000605	-1.34E-04	-4.13E-04	-2.83E-04	-2.64E-04	-8.15E-04	-5.58E-04
745	474668.71, 3848205.61	2.67237	8.41871	5.91003	-0.0003279	-0.0010331	-0.0007253	-1.53E-04	-4.83E-04	-3.39E-04	-3.03E-04	-9.54E-04	-6.69E-04
746	474668.71, 3848230.61	2.96503	9.48121	6.72677	-0.0003639	-0.0011635	-0.0008255	-1.70E-04	-5.44E-04	-3.86E-04	-3.36E-04	-1.07E-03	-7.62E-04
747	474668.71, 3848255.61	3.30937	10.96782	7.6166	-0.0004061	-0.001346	-0.0009347	-1.90E-04	-6.29E-04	-4.37E-04	-3.75E-04	-1.24E-03	-8.63E-04
748	474668.71, 3848280.61	3.69104	12.36878	8.73342	-0.000453	-0.0015179	-0.0010718	-2.12E-04	-7.09E-04	-5.01E-04	-4.18E-04	-1.40E-03	-9.89E-04
749	474668.71, 3848305.61	4.13677	13.75646	9.86326	-0.0005077	-0.0016882	-0.0012104	-2.37E-04	-7.89E-04	-5.66E-04	-4.69E-04	-1.56E-03	-1.12E-03
750	474668.71, 3848330.61	4.69615	15.42984	11.20008	-0.0005763	-0.0018935	-0.0013745	-2.69E-04	-8.85E-04	-6.42E-04	-5.32E-04	-1.75E-03	-1.27E-03
751	474668.71, 3848355.61	5.36445	17.32375	12.66908	-0.0006583	-0.0021259	-0.0015547	-3.08E-04	-9.94E-04	-7.27E-04	-6.08E-04	-1.96E-03	-1.44E-03
752	474668.71, 3848380.61	6.2358	19.58734	14.6003	-0.0007652	-0.0024037	-0.0017917	-3.58E-04	-1.12E-03	-8.37E-04	-7.06E-04	-2.22E-03	-1.65E-03
753	474668.71, 3848405.61	7.44248	22.90969	17.54511	-0.0009133	-0.0028114	-0.0021531	-4.27E-04	-1.31E-03	-1.01E-03	-8.43E-04	-2.60E-03	-1.99E-03
754	474668.71, 3848430.61	8.70118	25.88435	20.21597	-0.0010678	-0.0031765	-0.0024809	-4.99E-04	-1.48E-03	-1.16E-03	-9.86E-04	-2.93E-03	-2.29E-03
755	474668.71, 3848455.61	10.28831	29.61739	23.4994	-0.0012626	-0.0036346	-0.0028838	-5.90E-04	-1.70E-03	-1.35E-03	-1.17E-03	-3.36E-03	-2.66E-03
756	474668.71, 3848480.61	12.36083	34.70285	27.40289	-0.0015169	-0.0042587	-0.0033628	-7.09E-04	-1.99E-03	-1.57E-03	-1.40E-03	-3.93E-03	-3.10E-03
757	474693.71, 3848130.61	2.00593	6.14182	4.24448	-0.0002462	-0.0007537	-0.0005209	-1.15E-04	-3.52E-04	-2.43E-04	-2.27E-04	-6.96E-04	-4.81E-04
758	474693.71, 3848155.61	2.09088	6.44595	4.42663	-0.0002566	-0.000791	-0.0005432	-1.20E-04	-3.70E-04	-2.54E-04	-2.37E-04	-7.30E-04	-5.01E-04
759	474693.71, 3848180.61	2.24869	7.03357	4.8199	-0.000276	-0.0008631	-0.0005915	-1.29E-04	-4.03E-04	-2.76E-04	-2.55E-04	-7.97E-04	-5.46E-04
760	474693.71, 3848205.61	2.51402	8.041	5.51497	-0.0003085	-0.0009868	-0.0006768	-1.44E-04	-4.61E-04	-3.16E-04	-2.85E-04	-9.11E-04	-6.25E-04
761	474693.71, 3848230.61	2.72568	8.69052	6.22257	-0.0003345	-0.0010665	-0.0007636	-1.56E-04	-4.98E-04	-3.57E-04	-3.09E-04	-9.84E-04	-7.05E-04
762	474693.71, 3848255.61	2.98397	9.69437	6.8275	-0.0003662	-0.0011897	-0.0008379	-1.71E-04	-5.56E-04	-3.92E-04	-3.38E-04	-1.10E-03	-7.73E-04
763	474693.71, 3848280.61	3.32237	10.90984	7.59768	-0.0004077	-0.0013388	-0.0009324	-1.91E-04	-6.26E-04	-4.36E-04	-3.76E-04	-1.24E-03	-8.61E-04
764	474693.71, 3848305.61	3.76572	12.54581	8.90472	-0.0004621	-0.0015396	-0.0010928	-2.16E-04	-7.20E-04	-5.11E-04	-4.27E-04	-1.42E-03	-1.01E-03
765	474693.71, 3848330.61	4.22405	14.02223	10.11084	-0.0005184	-0.0017208	-0.0012408	-2.42E-04	-8.04E-04	-5.80E-04	-4.78E-04	-1.59E-03	-1.15E-03
766	474693.71, 3848355.61	4.8191	15.84099	11.47804	-0.0005914	-0.001944	-0.0014086	-2.76E-04	-9.09E-04	-6.58E-04	-5.46E-04	-1.79E-03	-1.30E-03
767	474693.71, 3848380.61	5.51363	17.70471	13.00641	-0.0006766	-0.0021727	-0.0015961	-3.16E-04	-1.02E-03	-7.46E-04	-6.25E-04	-2.01E-03	-1.47E-03
768	474693.71, 3848405.61	6.44191	20.24292	15.14814	-0.0007905	-0.0024842	-0.001859	-3.70E-04	-1.16E-03	-8.69E-04	-7.30E-04	-2.29E-03	-1.72E-03
769	474693.71, 3848430.61	7.62842	23.38802	17.92354	-0.0009361	-0.0028701	-0.0021995	-4.38E-04	-1.34E-03	-1.03E-03	-8.64E-04	-2.65E-03	-2.03E-03
770	474693.71, 3848455.61	8.89502	26.28891	20.60091	-0.0010916	-0.0032261	-0.0025281	-5.10E-04	-1.51E-03	-1.18E-03	-1.01E-03	-2.98E-03	-2.33E-03
771	474693.71, 3848480.61	10.5396	30.1444	23.97711	-0.0012934	-0.0036993	-0.0029424	-6.05E-04	-1.73E-03	-1.38E-03	-1.19E-03	-3.41E-03	-2.72E-03
772	474718.71, 3848155.61	2.0561	6.41626	4.40332	-0.0002523	-0.0007874	-0.0005404	-1.18E-04	-3.68E-04	-2.53E-04	-2.33E-04	-7.27E-04	-4.99E-04
773	474718.71, 3848180.61	2.12852	6.63215	4.56249	-0.0002612	-0.0008139	-0.0005599	-1.22E-04	-3.80E-04	-2.62E-04	-2.41E-04	-7.51E-04	-5.17E-04
774	474718.71, 3848205.61	2.29207	7.20764	4.9247	-0.0002813	-0.0008845	-0.0006044	-1.31E-04	-4.13E-04	-2.82E-04	-2.60E-04	-8.16E-04	-5.58E-04
775	474718.71, 3848230.61	2.48359	7.82689	5.52918	-0.0003048	-0.0009605	-0.0006785	-1.42E-04	-4.49E-04	-3.17E-04	-2.81E-04	-8.87E-04	-6.26E-04
776	474718.71, 3848255.61	2.68988	8.44739	6.02968	-0.0003301	-0.0010366	-0.00074	-1.54E-04	-4.85E-04	-3.46E-04	-3.05E-04	-9.57E-04	-6.83E-04
777	474718.71, 3848280.61	3.00928	9.69937	6.83764	-0.0003693	-0.0011903	-0.0008391	-1.73E-04	-5.56E-04	-3.92E-04	-3.41E-04	-1.10E-03	-7.75E-04
778	474718.71, 3848305.61	3.38702	11.17099	7.84027	-0.0004156	-0.0013709	-0.0009621	-1.94E-04	-6.41E-04	-4.50E-04	-3.84E-04	-1.27E-03	-8.88E-04
779	474718.71, 3848330.61	3.79461	12.60177	9.00456	-0.0004657	-0.0015465	-0.001105	-2.18E-04	-7.23E-04	-5.17E-04	-4.30E-04	-1.43E-03	-1.02E-03
780	474718.71, 3848355.61	4.33294	14.35008	10.34926	-0.0005317	-0.001761	-0.00127	-2.49E-04	-8.23E-04	-5.94E-04	-4.91E-04	-1.63E-03	-1.17E-03
781	474718.71, 3848380.61	4.93582	16.14993	11.72857	-0.0006057	-0.0019819	-0.0014393	-2.83E-04	-9.26E-04	-6.73E-04	-5.59E-04	-1.83E-03	-1.33E-03
782	474718.71, 3848405.61	5.63253	17.94505	13.29392	-0.0006912	-0.0022022	-0.0016314	-3.23E-04	-1.03E-03	-7.63E-04	-6.38E-04	-2.03E-03	-1.51E-03
783	474718.71, 3848430.61	6.62558	20.73945	15.69965	-0.0008131	-0.0025451	-0.0019266	-3.80E-04	-1.19E-03	-9.01E-04	-7.51E-04	-2.35E-03	-1.78E-03
784	474718.71, 3848455.61	7.78693	23.74684	18.26108	-0.0009556	-0.0029142	-0.002241	-4.47E-04	-1.36E-03	-1.05E-03	-8.82E-04	-2.69E-03	-2.07E-03
785	474718.71, 3848480.61	9.08966	26.67177	21.00883	-0.0011155	-0.0032731	-0.0025782	-5.21E-04	-1.53E-03	-1.21E-03	-1.03E-03	-3.02E-03	-2.38E-03
786	474718.71, 3848505.61	10.75677	30.60773	24.42112	-0.0013201	-0.0037561	-0.0029969	-6.17E-04	-1.76E-03	-1.40E-03	-1.22E-03	-3.47E-03	-2.77E-03
787	474743.71, 3848180.61	2.02089	6.26441	4.30293	-0.000248	-0.0007688	-0.000528	-1.16E-04	-3.59E-04	-2.47E-04	-2.29E-04	-7.10E-04	-4.87E-04
788	474743.71, 3848205.61	2.09764	6.46398	4.41593	-0.0002574	-0.0007932	-0.0005419	-1.20E-04	-3.71E-04	-2.53E-04	-2.38E-04	-7.32E-04	-5.00E-04
789	474743.71, 3848230.61	2.21845	6.80246	4.75049	-0.0002722	-0.0008348	-0.000583	-1.27E-04	-3.90E-04	-2.72E-04	-2.51E-04	-7.71E-04	-5.38E-04
790	474743.71, 3848255.61	2.44204	7.53336	5.37441	-0.0002997	-0.0009245	-0.0006595	-1.40E-04	-4.32E-04	-3.08E-04	-2.77E-04	-8.53E-04	-6.09E-04
791	474743.71, 3848280.61	2.72962	8.61226	6.14815	-0.000335	-0.0010569	-0.0007545	-1.57E-04	-4.94E-04	-3.53E-04	-3.09E-04	-9.76E-04	-6.96E-04
792	474743.71, 3848305.61	3.07158	9.97814	6.99246	-0.0003769	-0.0012245	-0.0008581	-1.76E-04	-5.72E-04	-4.01E-04	-3.48E-04	-1.13E-03	-7.92E-04
793	474743.71, 3848330.61	3.46394	11.47116	8.1497	-0.0004251	-0.0014077	-0.0010001	-1.99E-04	-6.58E-04	-4.67E-04	-3.92E-04	-1.30E-03	-9.23E-04
794	474743.71, 3848355.61	3.93531	13.11789	9.39643	-0.0004829	-0.0016098	-0.0011531	-2.26E-04	-7.52E-04	-5.39E-04	-4.46E-04	-1.49E-03	-1.06E-03
795	474743.71, 3848380.61	4.46302	14.80254	10.68942	-0.0005477	-0.0018165	-0.0013118	-2.56E-04	-8.49E-04	-6.13E-04	-5.06E-04	-1.68E-03	-1.21E-03
796	474743.71, 3848405.61	5.02906	16.37291	11.93691	-0.0006172	-0.0020093	-0.0014649	-2.88E-04	-9.39E-04	-6.85E-04	-5.70E-04	-1.85E-03	-1.35E-03
797	474743.71, 3848430.61	5.74865	18.21543	13.59475	-0.0007055	-0.0022354	-0.0016683	-3.30E-04	-1.04E-03	-7.80E-04	-6.51E-04	-2.06E-03	-1.54E-03
798	474743.71, 3848455.61	6.82751	21.26672	16.21144	-0.0008379	-0.0026098	-0.0019894	-3.92E-04	-1.22E-03	-9.30E-04	-7.73E-04	-2.41E-03	-1.84E-03
799	474743.71, 3848480.61	7.93722	24.03788	18.55931	-0.000974	-0.0029499	-0.0022776	-4.55E-04	-1.38E-03	-1.06E-03	-8.99E-04	-2.72E-03	-2.10E-03
800	474743.71, 3848505.61	9.22843	26.92003	21.32513	-0.0011325	-0.0033036	-0.002617	-5.29E-04	-1.54E-03	-1.22E-03	-1.05E-03	-3.05E-03	-2.42E-03
801	474743.71, 3848530.61	10.96186	31.03854	24.80398	-0.0013452	-0.003809	-0.0030439	-6.29E-04	-1.78E-03	-1.42E-03	-1.24E-03	-3.52E-03	-2.81E-03
802	474768.71, 3848205.61	1.92631	5.79682	3.99851	-0.0002364	-0.0007114	-0.0004907	-1.10E-04	-3.33E-04	-2.29E-04	-2.18E-04	-6.57E-04	-4.53E-04
803	474768.71, 3848230.61	2.08471	6.36095	4.3772	-0.0002558	-0.0007806	-0.0005372	-1.20E-04	-3.65E-04	-2.51E-04	-2.36E-04	-7.21E-04	-4.96E-04
804	474768.71, 3848255.61	2.2658	6.83922	4.87576	-0.0002781	-0.0008393	-0.0005983	-1.30E-04	-3.92E-04	-2.80E-04	-2.57E-04	-7.75E-04	-5.52E-04
805	474768.71, 3848280.61	2.52419	7.86981	5.6274	-0.0003098	-0.0009658	-0.0006906	-1.45E-04	-4.51E-04	-3.23E-04	-2.86E-04	-8.91E-04	-6.37E-04
806	474768.71, 3848305.61	2.82968	9.05702	6.42719	-0.0003473	-0.0011115	-0.0007887	-1.62E-04	-5.20E-04	-3.69E-04	-3.21E-04	-1.03E-03	-7.28E-04
807	474768.71, 3848330.61	3.19222	10.5103	7.40443	-0.0003917	-0.0012898	-0.0009087	-1.83E-04	-6.03E-04	-4.25E-04	-3.62E-04	-1.19E-03	-8.39E-04
808	474768.71, 3848355.61	3.60796	12.13121	8.65725	-0.0004428	-0.0014887	-0.0010624	-2.07E-04	-6.96E-04	-4.97E-04	-4.09E-04	-1.37E-03	-9.81E-04
809	474768.71, 3848380.61	4.03096	13.4752	9.65876	-0.0004947	-0.0016537	-0.0011853	-2.31E-04	-7.73E-04	-5.54E-04	-4.57E-04	-1.53E-03	-1.09E-03
810	474768.71, 3848405.61	4.5259	14.92867	10.80148	-0.0005554	-0.001832	-0.0013255	-2.60E-04	-8.56E-04	-6.20E-04	-5.13E-04	-1.69E-03	-1.22E-03
811	474768.71, 3848430.61	5.11403	16.55976	12.12875	-0.0006276	-0.0020322	-0.0014884	-2.93E-04	-9.50E-04	-6.96E-04	-5.79E-04	-1.88E-03	-1.37E-03
812	474768.71, 3848455.61	5.8775	18.51033	13.91259	-0.0007213	-0.0022716	-0.0017073	-3.37E-04	-1.06E-03	-7.98E-04	-6.66E-04	-2.10E-03	-1.58E-03
813	474768.71, 3848480.61	6.89457	21.33594	16.36216	-0.0008461	-0.0026183	-0.0020079	-3.95E-04	-1.22E-03	-9.39E-04	-7.81E-04	-2.42E-03	-1.85E-03
814	474768.71, 3848505.61	8.02425	24.15217	18.7191	-0.0009847	-0.0029639	-0.0022972	-4.60E-04	-1.39E-03	-1.07E-03	-9.09E-04	-2.74E-03	-2.12E-03
815	474768.71, 3848530.61	9.3635	27.14389	21.54806	-0.0011491	-0.0033311	-0.0026443	-5.37E-04	-1.56E-03	-1.24E-03	-1.06E-03	-3.07E-03	-2.44E-03

816	474768.71, 3848555.61	11.2349	31.57975	25.27338	-0.0013787	-0.0038754	-0.0031015	-6.44E-04	-1.81E-03	-1.45E-03	-1.27E-03	-3.58E-03	-2.86E-03
817	474793.71, 3848205.61	1.84868	5.56105	3.83171	-0.0002269	-0.0006824	-0.0004702	-1.06E-04	-3.19E-04	-2.20E-04	-2.09E-04	-6.30E-04	-4.34E-04
818	474793.71, 3848230.61	1.92478	5.7597	3.95504	-0.0002362	-0.0007068	-0.0004854	-1.10E-04	-3.30E-04	-2.27E-04	-2.18E-04	-6.52E-04	-4.48E-04
819	474793.71, 3848255.61	2.09648	6.28069	4.44119	-0.0002573	-0.0007708	-0.000545	-1.20E-04	-3.60E-04	-2.55E-04	-2.37E-04	-7.11E-04	-5.03E-04
820	474793.71, 3848280.61	2.32966	7.13411	5.0929	-0.0002859	-0.0008755	-0.000625	-1.34E-04	-4.09E-04	-2.92E-04	-2.64E-04	-8.08E-04	-5.77E-04
821	474793.71, 3848305.61	2.61019	8.24552	5.89623	-0.0003203	-0.0010119	-0.0007236	-1.50E-04	-4.73E-04	-3.38E-04	-2.96E-04	-9.34E-04	-6.68E-04
822	474793.71, 3848330.61	2.95633	9.75307	6.85663	-0.0003628	-0.0011969	-0.0008414	-1.70E-04	-5.59E-04	-3.93E-04	-3.35E-04	-1.10E-03	-7.77E-04
823	474793.71, 3848355.61	3.31187	11.10824	7.88938	-0.0004064	-0.0013632	-0.0009682	-1.90E-04	-6.37E-04	-4.53E-04	-3.75E-04	-1.26E-03	-8.94E-04
824	474793.71, 3848380.61	3.67511	12.33603	8.80452	-0.000451	-0.0015139	-0.0010805	-2.11E-04	-7.08E-04	-5.05E-04	-4.16E-04	-1.40E-03	-9.97E-04
825	474793.71, 3848405.61	4.10679	13.66989	9.84932	-0.000504	-0.0016775	-0.0012087	-2.36E-04	-7.84E-04	-5.65E-04	-4.65E-04	-1.55E-03	-1.12E-03
826	474793.71, 3848430.61	4.61244	15.14794	11.00391	-0.000566	-0.0018589	-0.0013504	-2.65E-04	-8.69E-04	-6.31E-04	-5.22E-04	-1.72E-03	-1.25E-03
827	474793.71, 3848455.61	5.20303	16.73867	12.3267	-0.0006385	-0.0020541	-0.0015127	-2.98E-04	-9.60E-04	-7.07E-04	-5.89E-04	-1.90E-03	-1.40E-03
828	474793.71, 3848480.61	5.95538	18.60711	14.11009	-0.0007308	-0.0022834	-0.0017316	-3.42E-04	-1.07E-03	-8.09E-04	-6.75E-04	-2.11E-03	-1.60E-03
829	474793.71, 3848505.61	6.90243	21.17717	16.31908	-0.0008471	-0.0025988	-0.0020026	-3.96E-04	-1.21E-03	-9.36E-04	-7.82E-04	-2.40E-03	-1.85E-03
830	474793.71, 3848530.61	8.13575	24.33813	18.92861	-0.0009984	-0.0029867	-0.0023229	-4.67E-04	-1.40E-03	-1.09E-03	-9.22E-04	-2.76E-03	-2.14E-03
831	474793.71, 3848555.61	9.56428	27.48771	21.92572	-0.0011737	-0.0033732	-0.0026907	-5.49E-04	-1.58E-03	-1.26E-03	-1.08E-03	-3.11E-03	-2.48E-03
832	474793.71, 3848580.61	11.50006	32.13711	25.78067	-0.0014113	-0.0039438	-0.0031638	-6.60E-04	-1.84E-03	-1.48E-03	-1.30E-03	-3.64E-03	-2.92E-03
833	474818.71, 3848230.61	1.86382	5.61646	3.86338	-0.0002287	-0.0006892	-0.0004741	-1.07E-04	-3.22E-04	-2.22E-04	-2.11E-04	-6.36E-04	-4.38E-04
834	474818.71, 3848255.61	2.00596	6.11233	4.23636	-0.0002462	-0.0007501	-0.0005199	-1.15E-04	-3.51E-04	-2.43E-04	-2.27E-04	-6.92E-04	-4.80E-04
835	474818.71, 3848280.61	2.20216	6.76887	4.80593	-0.0002702	-0.0008307	-0.0005898	-1.26E-04	-3.88E-04	-2.76E-04	-2.49E-04	-7.67E-04	-5.44E-04
836	474818.71, 3848305.61	2.47389	7.88635	5.60191	-0.0003036	-0.0009678	-0.0006875	-1.42E-04	-4.52E-04	-3.21E-04	-2.80E-04	-8.93E-04	-6.35E-04
837	474818.71, 3848330.61	2.75409	9.00065	6.30937	-0.000338	-0.0011045	-0.0007743	-1.58E-04	-5.16E-04	-3.62E-04	-3.12E-04	-1.02E-03	-7.15E-04
838	474818.71, 3848355.61	3.04094	10.12331	7.15699	-0.0003732	-0.0012423	-0.0008783	-1.74E-04	-5.81E-04	-4.11E-04	-3.44E-04	-1.15E-03	-8.11E-04
839	474818.71, 3848380.61	3.37471	11.32948	8.09219	-0.0004141	-0.0013903	-0.0009931	-1.94E-04	-6.50E-04	-4.64E-04	-3.82E-04	-1.28E-03	-9.17E-04
840	474818.71, 3848405.61	3.75512	12.58231	9.01053	-0.0004608	-0.0015441	-0.0011058	-2.15E-04	-7.22E-04	-5.17E-04	-4.25E-04	-1.43E-03	-1.02E-03
841	474818.71, 3848430.61	4.19462	13.91473	10.08458	-0.0005148	-0.0017076	-0.0012376	-2.41E-04	-7.98E-04	-5.78E-04	-4.75E-04	-1.58E-03	-1.14E-03
842	474818.71, 3848455.61	4.70426	15.36177	11.2227	-0.0005773	-0.0018852	-0.0013772	-2.70E-04	-8.81E-04	-6.44E-04	-5.33E-04	-1.74E-03	-1.27E-03
843	474818.71, 3848480.61	5.28013	16.81839	12.49249	-0.000648	-0.0020639	-0.0015331	-3.03E-04	-9.65E-04	-7.17E-04	-5.98E-04	-1.91E-03	-1.42E-03
844	474818.71, 3848505.61	6.00111	18.62838	14.14242	-0.0007364	-0.002286	-0.0017355	-3.44E-04	-1.07E-03	-8.11E-04	-6.80E-04	-2.11E-03	-1.60E-03
845	474818.71, 3848530.61	7.00007	21.273	16.47278	-0.000859	-0.0026106	-0.0020215	-4.02E-04	-1.22E-03	-9.45E-04	-7.93E-04	-2.41E-03	-1.87E-03
846	474818.71, 3848555.61	8.2642	24.53185	19.15199	-0.0010142	-0.0030105	-0.0023503	-4.74E-04	-1.41E-03	-1.10E-03	-9.36E-04	-2.78E-03	-2.17E-03
847	474818.71, 3848580.61	9.74973	27.8218	22.274	-0.0011965	-0.0034142	-0.0027334	-5.59E-04	-1.60E-03	-1.28E-03	-1.10E-03	-3.15E-03	-2.52E-03
848	474818.71, 3848605.61	11.74261	32.65513	26.22814	-0.001441	-0.0040074	-0.0032187	-6.74E-04	-1.87E-03	-1.50E-03	-1.33E-03	-3.70E-03	-2.97E-03
849	474843.71, 3848255.61	1.96136	6.06298	4.15179	-0.0002407	-0.000744	-0.0005095	-1.13E-04	-3.48E-04	-2.38E-04	-2.22E-04	-6.87E-04	-4.70E-04
850	474843.71, 3848280.61	2.13982	6.71193	4.69907	-0.0002626	-0.0008237	-0.0005767	-1.23E-04	-3.85E-04	-2.70E-04	-2.42E-04	-7.60E-04	-5.32E-04
851	474843.71, 3848305.61	2.34037	7.423	5.31033	-0.0002872	-0.0009109	-0.0006517	-1.34E-04	-4.26E-04	-3.05E-04	-2.65E-04	-8.41E-04	-6.02E-04
852	474843.71, 3848330.61	2.55581	8.24259	5.83473	-0.0003136	-0.0010115	-0.000716	-1.47E-04	-4.73E-04	-3.35E-04	-2.90E-04	-9.34E-04	-6.61E-04
853	474843.71, 3848355.61	2.80383	9.2331	6.50423	-0.0003441	-0.0011331	-0.0007982	-1.61E-04	-5.30E-04	-3.73E-04	-3.18E-04	-1.05E-03	-7.37E-04
854	474843.71, 3848380.61	3.10667	10.38676	7.38519	-0.0003812	-0.0012746	-0.0009063	-1.78E-04	-5.96E-04	-4.24E-04	-3.52E-04	-1.18E-03	-8.37E-04
855	474843.71, 3848405.61	3.44421	11.56129	8.27863	-0.0004227	-0.0014188	-0.0010159	-1.98E-04	-6.63E-04	-4.75E-04	-3.90E-04	-1.31E-03	-9.38E-04
856	474843.71, 3848430.61	3.83016	12.78824	9.22092	-0.00047	-0.0015694	-0.0011316	-2.20E-04	-7.34E-04	-5.29E-04	-4.34E-04	-1.45E-03	-1.04E-03
857	474843.71, 3848455.61	4.26666	14.07007	10.25109	-0.0005236	-0.0017267	-0.001258	-2.45E-04	-8.07E-04	-5.88E-04	-4.83E-04	-1.59E-03	-1.16E-03
858	474843.71, 3848480.61	4.73975	15.33767	11.26222	-0.0005817	-0.0018822	-0.0013821	-2.72E-04	-8.80E-04	-6.46E-04	-5.37E-04	-1.74E-03	-1.28E-03
859	474843.71, 3848505.61	5.31219	16.78573	12.52078	-0.0006519	-0.0020599	-0.0015365	-3.05E-04	-9.63E-04	-7.18E-04	-6.02E-04	-1.90E-03	-1.42E-03
860	474843.71, 3848530.61	6.0595	18.61636	14.24094	-0.0007436	-0.0022846	-0.0017476	-3.48E-04	-1.07E-03	-8.17E-04	-6.86E-04	-2.11E-03	-1.61E-03
861	474843.71, 3848555.61	7.0971	21.43038	16.64529	-0.0008709	-0.0026299	-0.0020427	-4.07E-04	-1.23E-03	-9.55E-04	-8.04E-04	-2.43E-03	-1.89E-03
862	474843.71, 3848580.61	8.39741	24.71872	19.43263	-0.0010305	-0.0030334	-0.0023847	-4.82E-04	-1.42E-03	-1.11E-03	-9.51E-04	-2.80E-03	-2.20E-03
863	474843.71, 3848605.61	9.90581	28.12121	22.54273	-0.0012156	-0.003451	-0.0027664	-5.68E-04	-1.61E-03	-1.29E-03	-1.12E-03	-3.19E-03	-2.55E-03
864	474843.71, 3848630.61	12.01671	33.19926	26.69683	-0.0014747	-0.0040742	-0.0032762	-6.89E-04	-1.90E-03	-1.53E-03	-1.36E-03	-3.76E-03	-3.02E-03
865	474868.71, 3848280.61	2.04072	6.40771	4.43128	-0.0002504	-0.0007863	-0.0005438	-1.17E-04	-3.68E-04	-2.54E-04	-2.31E-04	-7.26E-04	-5.02E-04
866	474868.71, 3848305.61	2.18568	6.88165	4.90654	-0.0002682	-0.0008445	-0.0006021	-1.25E-04	-3.95E-04	-2.81E-04	-2.48E-04	-7.80E-04	-5.56E-04
867	474868.71, 3848330.61	2.32418	7.33109	5.24044	-0.0002852	-0.0008997	-0.0006431	-1.33E-04	-4.21E-04	-3.01E-04	-2.63E-04	-8.30E-04	-5.94E-04
868	474868.71, 3848355.61	2.58189	8.37636	5.91488	-0.0003168	-0.0010279	-0.0007259	-1.48E-04	-4.80E-04	-3.39E-04	-2.92E-04	-9.49E-04	-6.70E-04
869	474868.71, 3848380.61	2.86835	9.51368	6.72608	-0.000352	-0.0011675	-0.0008254	-1.65E-04	-5.46E-04	-3.86E-04	-3.25E-04	-1.08E-03	-7.62E-04
870	474868.71, 3848405.61	3.20074	10.75339	7.70109	-0.0003928	-0.0013196	-0.0009451	-1.84E-04	-6.17E-04	-4.42E-04	-3.63E-04	-1.22E-03	-8.72E-04
871	474868.71, 3848430.61	3.54736	11.92014	8.54535	-0.0004353	-0.0014628	-0.0010487	-2.03E-04	-6.84E-04	-4.90E-04	-4.02E-04	-1.35E-03	-9.68E-04
872	474868.71, 3848455.61	3.89949	12.95529	9.37002	-0.0004785	-0.0015899	-0.0011499	-2.24E-04	-7.43E-04	-5.37E-04	-4.42E-04	-1.47E-03	-1.06E-03
873	474868.71, 3848480.61	4.30054	14.05777	10.29345	-0.0005278	-0.0017251	-0.0012632	-2.47E-04	-8.06E-04	-5.90E-04	-4.87E-04	-1.59E-03	-1.17E-03
874	474868.71, 3848505.61	4.77853	15.33889	11.29095	-0.0005864	-0.0018824	-0.0013856	-2.74E-04	-8.80E-04	-6.48E-04	-5.41E-04	-1.74E-03	-1.28E-03
875	474868.71, 3848530.61	5.34558	16.75243	12.54516	-0.000656	-0.0020558	-0.0015395	-3.07E-04	-9.61E-04	-7.20E-04	-6.06E-04	-1.90E-03	-1.42E-03
876	474868.71, 3848555.61	6.12334	18.65399	14.36558	-0.0007514	-0.0022892	-0.0017629	-3.51E-04	-1.07E-03	-8.24E-04	-6.94E-04	-2.11E-03	-1.63E-03
877	474868.71, 3848580.61	7.15675	21.43701	16.75319	-0.0008783	-0.0026307	-0.0020559	-4.11E-04	-1.23E-03	-9.61E-04	-8.11E-04	-2.43E-03	-1.90E-03
878	474868.71, 3848605.61	8.5124	24.88105	19.64826	-0.0010446	-0.0030534	-0.0024112	-4.88E-04	-1.43E-03	-1.13E-03	-9.64E-04	-2.82E-03	-2.23E-03
879	474868.71, 3848630.61	10.0874	28.43999	22.83977	-0.0012379	-0.0034901	-0.0028029	-5.79E-04	-1.63E-03	-1.31E-03	-1.14E-03	-3.22E-03	-2.59E-03
880	474868.71, 3848655.61	12.25906	33.65827	27.14171	-0.0015044	-0.0041305	-0.0033308	-7.03E-04	-1.93E-03	-1.56E-03	-1.39E-03	-3.81E-03	-3.07E-03
881	474893.71, 3848305.61	2.04066	6.35984	4.48029	-0.0002504	-0.0007805	-0.0005498	-1.17E-04	-3.65E-04	-2.57E-04	-2.31E-04	-7.20E-04	-5.08E-04
882	474893.71, 3848330.61	2.19757	6.90072	4.94964	-0.0002697	-0.0008468	-0.0006074	-1.26E-04	-3.96E-04	-2.84E-04	-2.49E-04	-7.82E-04	-5.61E-04
883	474893.71, 3848355.61	2.41895	7.77062	5.51068	-0.0002968	-0.0009536	-0.0006763	-1.39E-04	-4.46E-04	-3.16E-04	-2.74E-04	-8.80E-04	-6.24E-04
884	474893.71, 3848380.61	2.70194	8.92334	6.28765	-0.0003316	-0.0010951	-0.0007716	-1.55E-04	-5.12E-04	-3.61E-04	-3.06E-04	-1.01E-03	-7.12E-04
885	474893.71, 3848405.61	2.99634	10.06056	7.15462	-0.0003677	-0.0012346	-0.000878	-1.72E-04	-5.77E-04	-4.10E-04	-3.39E-04	-1.14E-03	-8.10E-04
886	474893.71, 3848430.61	3.28189	11.04824	7.91582	-0.0004027	-0.0013558	-0.0009714	-1.88E-04	-6.34E-04	-4.54E-04	-3.72E-04	-1.25E-03	-8.97E-04
887	474893.71, 3848455.61	3.57382	11.93263	8.57521	-0.0004386	-0.0014644	-0.0010523	-2.05E-04	-6.84E-04	-4.92E-04	-4.05E-04	-1.35E-03	-9.71E-04
888	474893.71, 3848480.61	3.9357	12.97541	9.4461	-0.000483	-0.0015923	-0.0011592	-2.26E-04	-7.44E-04	-5.42E-04	-4.46E-04	-1.47E-03	-1.07E-03
889	474893.71, 3848505.61	4.33479	14.05752	10.3439	-0.000532	-0.0017251	-0.0012694	-2.49E-04	-8.06E-04	-5.93E-04	-4.91E-04	-1.59E-03	-1.17E-03
890	474893.71, 3848530.61	4.81127	15.30456	11.31279	-0.0005904	-0.0018781	-0.0013883	-2.76E-04	-8.78E-04	-6.49E-04	-5.45E-04	-1.73E-03	-1.28E-03
891	474893.71, 3848555.61	5.47872	17.05442	12.81919	-0.0006723	-0.0020929	-0.0015731	-3.14E-04	-9.78E-04	-7.35E-04	-6.21E-04	-1.93E-03	-1.45E-03
892	474893.71, 3848580.61	6.41421	19.55697	15.11363	-0.0007871	-0.0024	-0.0018547	-3.68E-04	-1.12E-03	-8.67E-04	-7.27E-04	-2.22E-03	-1.71E-03
893	474893.71, 3848605.61	7.29434	21.6611	16.99488	-0.0008951	-0.0026582	-0.0020856	-4.18E-04	-1.24E-03	-9.75E-04	-8.26E-04	-2.45E-03	-1.93E-03
894	474893.71, 3848630.61	8.681	25.19838	19.9788	-0.0010653	-0.0030923	-0.0024518	-4.98E-04	-1.45E-03	-1.15E-03	-9.83E-04	-2.85E-03	-2.26E-03
895	474893.71, 3848655.61	10.34483	28.94496	23.30078	-0.0012695	-0.0035521	-0.0028594	-5.93E-04	-1.66E-03	-1.34E-03	-1.17E-03	-3.28E-03	-2.64E-03
896	474918.71, 3848330.61	2.09027	6.55325	4.66733	-0.0002565	-0.0008042	-0.0005728	-1.20E-04	-3.76E-04	-2.68E-04	-2.37E-04	-7.42E-04	-5.29E-04
897	474918.71, 3848355.61	2.32375	7.41707	5.29403	-0.0002852	-0.0009102	-0.0006497	-1.33E-04	-4.25E-04	-3.04E-04	-2.63E-04	-8.40E-04	-6.00E-04

898	474918.71, 3848380.61	2.58072	8.51087	5.99163	-0.0003167	-0.0010444	-0.0007353	-1.48E-04	-4.88E-04	-3.44E-04	-2.92E-04	-9.64E-04	-6.79E-04
899	474918.71, 3848405.61	2.80526	9.38132	6.63645	-0.0003443	-0.0011513	-0.0008144	-1.61E-04	-5.38E-04	-3.81E-04	-3.18E-04	-1.06E-03	-7.52E-04
900	474918.71, 3848430.61	3.0406	10.21876	7.30315	-0.0003731	-0.001254	-0.0008962	-1.74E-04	-5.86E-04	-4.19E-04	-3.44E-04	-1.16E-03	-8.27E-04
901	474918.71, 3848455.61	3.30967	11.09541	7.94329	-0.0004062	-0.0013616	-0.0009748	-1.90E-04	-6.36E-04	-4.56E-04	-3.75E-04	-1.26E-03	-9.00E-04
902	474918.71, 3848480.61	3.63058	12.06607	8.71636	-0.0004455	-0.0014807	-0.0010697	-2.08E-04	-6.92E-04	-5.00E-04	-4.11E-04	-1.37E-03	-9.87E-04
903	474918.71, 3848505.61	3.96741	12.9835	9.51268	-0.0004869	-0.0015933	-0.0011674	-2.28E-04	-7.45E-04	-5.46E-04	-4.49E-04	-1.47E-03	-1.08E-03
904	474918.71, 3848530.61	4.48825	14.52919	10.68051	-0.0005508	-0.001783	-0.0013107	-2.57E-04	-8.33E-04	-6.13E-04	-5.08E-04	-1.65E-03	-1.21E-03
905	474918.71, 3848555.61	5.0152	15.9217	11.83129	-0.0006155	-0.0019539	-0.0014519	-2.88E-04	-9.13E-04	-6.79E-04	-5.68E-04	-1.80E-03	-1.34E-03
906	474918.71, 3848580.61	5.53796	17.0937	12.94613	-0.0006796	-0.0020977	-0.0015887	-3.18E-04	-9.80E-04	-7.43E-04	-6.27E-04	-1.94E-03	-1.47E-03
907	474918.71, 3848605.61	6.29623	18.96753	14.67683	-0.0007727	-0.0023277	-0.0018011	-3.61E-04	-1.09E-03	-8.42E-04	-7.13E-04	-2.15E-03	-1.66E-03
908	474918.71, 3848630.61	7.49451	22.1859	17.43649	-0.0009197	-0.0027226	-0.0021398	-4.30E-04	-1.27E-03	-1.00E-03	-8.49E-04	-2.51E-03	-1.98E-03
909	474918.71, 3848655.61	8.88237	25.6243	20.35271	-0.00109	-0.0031446	-0.0024977	-5.09E-04	-1.47E-03	-1.17E-03	-1.01E-03	-2.90E-03	-2.31E-03
910	474918.71, 3848680.61	10.57018	29.40402	23.81467	-0.0012972	-0.0036084	-0.0029225	-6.06E-04	-1.69E-03	-1.37E-03	-1.20E-03	-3.33E-03	-2.70E-03
911	474943.71, 3848330.61	1.99792	6.27237	4.41506	-0.0002452	-0.0007697	-0.0005418	-1.15E-04	-3.60E-04	-2.53E-04	-2.26E-04	-7.11E-04	-5.00E-04
912	474943.71, 3848355.61	2.20883	7.0181	5.02931	-0.0002711	-0.0008612	-0.0006172	-1.27E-04	-4.03E-04	-2.88E-04	-2.50E-04	-7.95E-04	-5.70E-04
913	474943.71, 3848380.61	2.41646	7.87708	5.56109	-0.0002965	-0.0009667	-0.0006824	-1.39E-04	-4.52E-04	-3.19E-04	-2.74E-04	-8.92E-04	-6.30E-04
914	474943.71, 3848405.61	2.61179	8.65172	6.08228	-0.0003205	-0.0010617	-0.0007464	-1.50E-04	-4.96E-04	-3.49E-04	-2.96E-04	-9.80E-04	-6.89E-04
915	474943.71, 3848430.61	2.83825	9.50978	6.74702	-0.0003483	-0.001167	-0.000828	-1.63E-04	-5.45E-04	-3.87E-04	-3.22E-04	-1.08E-03	-7.64E-04
916	474943.71, 3848455.61	3.09939	10.42662	7.47831	-0.0003804	-0.0012795	-0.0009177	-1.78E-04	-5.98E-04	-4.29E-04	-3.51E-04	-1.18E-03	-8.47E-04
917	474943.71, 3848480.61	3.36683	11.25625	8.09619	-0.0004132	-0.0013813	-0.0009936	-1.93E-04	-6.46E-04	-4.64E-04	-3.81E-04	-1.28E-03	-9.17E-04
918	474943.71, 3848505.61	3.82009	12.748	9.25555	-0.0004688	-0.0015644	-0.0011358	-2.19E-04	-7.31E-04	-5.31E-04	-4.33E-04	-1.44E-03	-1.05E-03
919	474943.71, 3848530.61	4.13862	13.55407	9.91956	-0.0005079	-0.0016633	-0.0012173	-2.37E-04	-7.77E-04	-5.69E-04	-4.69E-04	-1.54E-03	-1.12E-03
920	474943.71, 3848555.61	4.48748	14.37771	10.61309	-0.0005507	-0.0017644	-0.0013024	-2.57E-04	-8.25E-04	-6.09E-04	-5.08E-04	-1.63E-03	-1.20E-03
921	474943.71, 3848580.61	4.95725	15.55956	11.65872	-0.0006083	-0.0019094	-0.0014307	-2.84E-04	-8.92E-04	-6.69E-04	-5.62E-04	-1.76E-03	-1.32E-03
922	474943.71, 3848605.61	5.58155	17.11168	13.02964	-0.000685	-0.0020999	-0.001599	-3.20E-04	-9.82E-04	-7.47E-04	-6.32E-04	-1.94E-03	-1.48E-03
923	474943.71, 3848630.61	6.55269	19.75841	15.27824	-0.0008041	-0.0024247	-0.0018749	-3.76E-04	-1.13E-03	-8.76E-04	-7.42E-04	-2.24E-03	-1.73E-03
924	474943.71, 3848655.61	7.69584	22.73832	17.88839	-0.0009444	-0.0027904	-0.0021952	-4.41E-04	-1.30E-03	-1.03E-03	-8.72E-04	-2.58E-03	-2.03E-03
925	474943.71, 3848680.61	9.05332	25.94082	20.71685	-0.001111	-0.0031834	-0.0025423	-5.19E-04	-1.49E-03	-1.19E-03	-1.03E-03	-2.94E-03	-2.35E-03
926	474943.71, 3848705.61	10.83722	29.95081	24.42036	-0.0013299	-0.0036755	-0.0029968	-6.22E-04	-1.72E-03	-1.40E-03	-1.23E-03	-3.39E-03	-2.77E-03
927	474968.71, 3848355.61	2.05008	6.47194	4.61712	-0.0002516	-0.0007942	-0.0005666	-1.18E-04	-3.71E-04	-2.65E-04	-2.32E-04	-7.33E-04	-5.23E-04
928	474968.71, 3848380.61	2.21169	7.07795	5.05681	-0.0002714	-0.0008686	-0.0006206	-1.27E-04	-4.06E-04	-2.90E-04	-2.51E-04	-8.02E-04	-5.73E-04
929	474968.71, 3848405.61	2.41388	7.83821	5.54799	-0.0002962	-0.0009619	-0.0006808	-1.38E-04	-4.50E-04	-3.18E-04	-2.73E-04	-8.88E-04	-6.28E-04
930	474968.71, 3848430.61	2.72502	9.08109	6.41183	-0.0003344	-0.0011144	-0.0007868	-1.56E-04	-5.21E-04	-3.68E-04	-3.09E-04	-1.03E-03	-7.26E-04
931	474968.71, 3848455.61	3.07175	10.44919	7.48256	-0.000377	-0.0012823	-0.0009182	-1.76E-04	-5.99E-04	-4.29E-04	-3.48E-04	-1.18E-03	-8.48E-04
932	474968.71, 3848480.61	3.16269	10.63694	7.63615	-0.0003881	-0.0013053	-0.0009371	-1.81E-04	-6.10E-04	-4.38E-04	-3.58E-04	-1.20E-03	-8.65E-04
933	474968.71, 3848505.61	3.50265	11.74389	8.51272	-0.0004298	-0.0014412	-0.0010447	-2.01E-04	-6.74E-04	-4.88E-04	-3.97E-04	-1.33E-03	-9.64E-04
934	474968.71, 3848530.61	3.75764	12.35969	9.04443	-0.0004611	-0.0015168	-0.0011099	-2.16E-04	-7.09E-04	-5.19E-04	-4.26E-04	-1.40E-03	-1.02E-03
935	474968.71, 3848555.61	4.07879	13.19101	9.71746	-0.0005005	-0.0016188	-0.0011925	-2.34E-04	-7.57E-04	-5.57E-04	-4.62E-04	-1.49E-03	-1.10E-03
936	474968.71, 3848580.61	4.53312	14.42602	10.67679	-0.0005563	-0.0017703	-0.0013102	-2.60E-04	-8.27E-04	-6.12E-04	-5.14E-04	-1.63E-03	-1.21E-03
937	474968.71, 3848605.61	5.09593	15.91483	11.97865	-0.0006254	-0.001953	-0.00147	-2.92E-04	-9.13E-04	-6.87E-04	-5.77E-04	-1.80E-03	-1.36E-03
938	474968.71, 3848630.61	5.7406	17.53031	13.42292	-0.0007045	-0.0021513	-0.0016472	-3.29E-04	-1.01E-03	-7.70E-04	-6.50E-04	-1.99E-03	-1.52E-03
939	474968.71, 3848655.61	6.75446	20.37136	15.78556	-0.0008289	-0.0024999	-0.0019372	-3.87E-04	-1.17E-03	-9.05E-04	-7.65E-04	-2.31E-03	-1.79E-03
940	474968.71, 3848680.61	7.88808	23.19664	18.35164	-0.000968	-0.0028467	-0.0022521	-4.52E-04	-1.33E-03	-1.05E-03	-8.94E-04	-2.63E-03	-2.08E-03
941	474968.71, 3848705.61	9.28814	26.50603	21.28015	-0.0011398	-0.0032528	-0.0026115	-5.33E-04	-1.52E-03	-1.22E-03	-1.05E-03	-3.00E-03	-2.41E-03
942	474968.71, 3848730.61	11.12018	30.53531	25.00192	-0.0013646	-0.0037472	-0.0030682	-6.38E-04	-1.75E-03	-1.43E-03	-1.26E-03	-3.46E-03	-2.83E-03
943	474993.71, 3848380.61	2.343	7.7586	5.5009	-0.0002875	-0.0009521	-0.0006751	-1.34E-04	-4.45E-04	-3.16E-04	-2.65E-04	-8.79E-04	-6.23E-04
944	474993.71, 3848405.61	2.51825	8.41035	5.94166	-0.000309	-0.0010321	-0.0007292	-1.44E-04	-4.82E-04	-3.41E-04	-2.85E-04	-9.53E-04	-6.73E-04
945	474993.71, 3848430.61	2.65153	8.90082	6.26385	-0.0003254	-0.0010923	-0.0007687	-1.52E-04	-5.11E-04	-3.59E-04	-3.00E-04	-1.01E-03	-7.10E-04
946	474993.71, 3848455.61	2.79721	9.38941	6.62882	-0.0003433	-0.0011523	-0.0008135	-1.60E-04	-5.39E-04	-3.80E-04	-3.17E-04	-1.06E-03	-7.51E-04
947	474993.71, 3848480.61	2.96591	9.99524	7.18547	-0.000364	-0.0012266	-0.0008818	-1.70E-04	-5.73E-04	-4.12E-04	-3.36E-04	-1.13E-03	-8.14E-04
948	474993.71, 3848505.61	3.21483	10.78954	7.76499	-0.0003945	-0.0013241	-0.0009529	-1.84E-04	-6.19E-04	-4.45E-04	-3.64E-04	-1.22E-03	-8.80E-04
949	474993.71, 3848530.61	3.49067	11.58467	8.41006	-0.0004284	-0.0014217	-0.0010321	-2.00E-04	-6.64E-04	-4.82E-04	-3.95E-04	-1.31E-03	-9.53E-04
950	474993.71, 3848555.61	3.81264	12.45378	9.13609	-0.0004679	-0.0015283	-0.0011212	-2.19E-04	-7.14E-04	-5.24E-04	-4.32E-04	-1.41E-03	-1.03E-03
951	474993.71, 3848580.61	4.20391	13.5476	9.98108	-0.0005159	-0.0016625	-0.0012249	-2.41E-04	-7.77E-04	-5.73E-04	-4.76E-04	-1.53E-03	-1.13E-03
952	474993.71, 3848605.61	4.68856	14.87229	11.05828	-0.0005754	-0.0018251	-0.0013571	-2.69E-04	-8.53E-04	-6.34E-04	-5.31E-04	-1.68E-03	-1.25E-03
953	474993.71, 3848630.61	5.24334	16.31447	12.35243	-0.0006435	-0.0020021	-0.0015159	-3.01E-04	-9.36E-04	-7.09E-04	-5.94E-04	-1.85E-03	-1.40E-03
954	474993.71, 3848655.61	5.89262	17.93481	13.81321	-0.0007231	-0.0022009	-0.0016951	-3.38E-04	-1.03E-03	-7.92E-04	-6.68E-04	-2.03E-03	-1.56E-03
955	474993.71, 3848680.61	6.94343	20.89497	16.29116	-0.0008521	-0.0025642	-0.0019992	-3.98E-04	-1.20E-03	-9.34E-04	-7.87E-04	-2.37E-03	-1.85E-03
956	474993.71, 3848705.61	8.10452	23.77114	18.86941	-0.0009946	-0.0029172	-0.0023156	-4.65E-04	-1.36E-03	-1.08E-03	-9.18E-04	-2.69E-03	-2.14E-03
957	474993.71, 3848730.61	9.5539	27.08838	21.9047	-0.0011724	-0.0033242	-0.0026881	-5.48E-04	-1.55E-03	-1.26E-03	-1.08E-03	-3.07E-03	-2.48E-03
958	474993.71, 3848755.61	11.46181	31.26619	25.69346	-0.0014066	-0.0038369	-0.0031531	-6.57E-04	-1.79E-03	-1.47E-03	-1.30E-03	-3.54E-03	-2.91E-03
959	475018.71, 3848405.61	2.20945	7.10854	5.08802	-0.0002711	-0.0008723	-0.0006244	-1.27E-04	-4.08E-04	-2.92E-04	-2.50E-04	-8.05E-04	-5.76E-04
960	475018.71, 3848430.61	2.34361	7.60328	5.39171	-0.0002876	-0.0009331	-0.0006617	-1.34E-04	-4.36E-04	-3.09E-04	-2.65E-04	-8.61E-04	-6.11E-04
961	475018.71, 3848455.61	2.52608	8.40548	5.89593	-0.00031	-0.0010315	-0.0007235	-1.45E-04	-4.82E-04	-3.38E-04	-2.86E-04	-9.52E-04	-6.68E-04
962	475018.71, 3848480.61	2.78595	9.38141	6.69755	-0.0003419	-0.0011513	-0.0008219	-1.60E-04	-5.38E-04	-3.84E-04	-3.16E-04	-1.06E-03	-7.59E-04
963	475018.71, 3848505.61	3.03441	10.24201	7.35273	-0.0003724	-0.0012569	-0.0009023	-1.74E-04	-5.87E-04	-4.22E-04	-3.44E-04	-1.16E-03	-8.33E-04
964	475018.71, 3848530.61	3.3013	11.07546	8.02483	-0.0004051	-0.0013592	-0.0009848	-1.89E-04	-6.35E-04	-4.60E-04	-3.74E-04	-1.25E-03	-9.09E-04
965	475018.71, 3848555.61	3.59889	11.92477	8.68218	-0.0004416	-0.0014634	-0.0010655	-2.06E-04	-6.84E-04	-4.98E-04	-4.08E-04	-1.35E-03	-9.84E-04
966	475018.71, 3848580.61	3.94505	12.89125	9.4565	-0.0004841	-0.001582	-0.0011605	-2.26E-04	-7.39E-04	-5.42E-04	-4.47E-04	-1.46E-03	-1.07E-03
967	475018.71, 3848605.61	4.35544	14.0289	10.36079	-0.0005345	-0.0017216	-0.0012715	-2.50E-04	-8.05E-04	-5.94E-04	-4.93E-04	-1.59E-03	-1.17E-03
968	475018.71, 3848630.61	4.8103	15.21335	11.39775	-0.0005903	-0.001867	-0.0013987	-2.76E-04	-8.73E-04	-6.54E-04	-5.45E-04	-1.72E-03	-1.29E-03
969	475018.71, 3848655.61	5.34644	16.57457	12.65309	-0.0006561	-0.002034	-0.0015528	-3.07E-04	-9.51E-04	-7.26E-04	-6.06E-04	-1.88E-03	-1.43E-03
970	475018.71, 3848680.61	6.22047	19.06856	14.74725	-0.0007634	-0.0023401	-0.0018098	-3.57E-04	-1.09E-03	-8.46E-04	-7.05E-04	-2.16E-03	-1.67E-03
971	475018.71, 3848705.61	7.24229	21.83253	17.14866	-0.0008888	-0.0026793	-0.0021045	-4.15E-04	-1.25E-03	-9.84E-04	-8.20E-04	-2.47E-03	-1.94E-03
972	475018.71, 3848730.61	8.4092	24.60596	19.65624	-0.001032	-0.0030196	-0.0024122	-4.82E-04	-1.41E-03	-1.13E-03	-9.53E-04	-2.79E-03	-2.23E-03
973	475018.71, 3848755.61	9.87945	27.8425	22.5934	-0.0012124	-0.0034168	-0.0027726	-5.67E-04	-1.60E-03	-1.30E-03	-1.12E-03	-3.15E-03	-2.56E-03
974	475018.71, 3848780.61	11.82308	32.05557	26.4051	-0.0014509	-0.0039338	-0.0032404	-6.78E-04	-1.84E-03	-1.51E-03	-1.34E-03	-3.63E-03	-2.99E-03
975	475043.71, 3848430.61	2.15171	6.89782	4.93804	-0.0002641	-0.0008465	-0.000606	-1.23E-04	-3.96E-04	-2.83E-04	-2.44E-04	-7.81E-04	-5.59E-04
976	475043.71, 3848455.61	2.39248	7.9166	5.56567	-0.0002936	-0.0009715	-0.000683	-1.37E-04	-4.54E-04	-3.19E-04	-2.71E-04	-8.97E-04	-6.30E-04
977	475043.71, 3848480.61	2.63868	8.87995	6.25111	-0.0003238	-0.0010897	-0.0007671	-1.51E-04	-5.09E-04	-3.59E-04	-2.99E-04	-1.01E-03	-7.08E-04
978	475043.71, 3848505.61	2.87635	9.74766	7.00373	-0.000353	-0.0011962	-0.0008595	-1.65E-04	-5.59E-04	-4.02E-04	-3.26E-04	-1.10E-03	-7.93E-04
979	475043.71, 3848530.61	3.13305	10.60448	7.66105	-0.0003845	-0.0013014	-0.0009402	-1.80E-04	-6.08E-04	-4.39E-04	-3.55E-04	-1.20E-03	-8.68E-04

980	475043.71, 3848555.61	3.41399	11.46032	8.33259	-0.000419	-0.0014064	-0.0010226	-1.96E-04	-6.57E-04	-4.78E-04	-3.87E-04	-1.30E-03	-9.44E-04
981	475043.71, 3848580.61	3.72577	12.35896	8.97396	-0.0004572	-0.0015167	-0.0011013	-2.14E-04	-7.09E-04	-5.15E-04	-4.22E-04	-1.40E-03	-1.02E-03
982	475043.71, 3848605.61	4.06487	13.28729	9.73802	-0.0004988	-0.0016306	-0.001195	-2.33E-04	-7.62E-04	-5.59E-04	-4.60E-04	-1.51E-03	-1.10E-03
983	475043.71, 3848630.61	4.351	13.88722	10.27489	-0.0005339	-0.0017042	-0.0012609	-2.50E-04	-7.97E-04	-5.89E-04	-4.93E-04	-1.57E-03	-1.16E-03
984	475043.71, 3848655.61	4.90006	15.45385	11.6146	-0.0006013	-0.0018965	-0.0014253	-2.81E-04	-8.86E-04	-6.66E-04	-5.55E-04	-1.75E-03	-1.32E-03
985	475043.71, 3848680.61	5.64876	17.616	13.51222	-0.0006932	-0.0021618	-0.0016582	-3.24E-04	-1.01E-03	-7.75E-04	-6.40E-04	-2.00E-03	-1.53E-03
986	475043.71, 3848705.61	6.54603	20.19644	15.78294	-0.0008033	-0.0024785	-0.0019369	-3.75E-04	-1.16E-03	-9.05E-04	-7.42E-04	-2.29E-03	-1.79E-03
987	475043.71, 3848730.61	7.47448	22.49471	17.78143	-0.0009173	-0.0027605	-0.0021821	-4.29E-04	-1.29E-03	-1.02E-03	-8.47E-04	-2.55E-03	-2.01E-03
988	475043.71, 3848755.61	8.64022	25.18024	20.16038	-0.0010603	-0.0030901	-0.002474	-4.96E-04	-1.44E-03	-1.16E-03	-9.79E-04	-2.85E-03	-2.28E-03
989	475043.71, 3848780.61	10.13526	28.37321	23.17797	-0.0012438	-0.0034819	-0.0028444	-5.81E-04	-1.63E-03	-1.33E-03	-1.15E-03	-3.21E-03	-2.63E-03
990	475043.71, 3848805.61	12.17325	32.79685	27.14235	-0.0014939	-0.0040248	-0.0033309	-6.98E-04	-1.88E-03	-1.56E-03	-1.38E-03	-3.72E-03	-3.07E-03
991	475068.71, 3848455.61	2.2734	7.39495	5.23912	-0.000279	-0.0009075	-0.0006429	-1.30E-04	-4.24E-04	-3.01E-04	-2.58E-04	-8.38E-04	-5.93E-04
992	475068.71, 3848480.61	2.51113	8.43855	5.91095	-0.0003082	-0.0010356	-0.0007254	-1.44E-04	-4.84E-04	-3.39E-04	-2.84E-04	-9.56E-04	-6.70E-04
993	475068.71, 3848505.61	2.73442	9.28661	6.61667	-0.0003356	-0.0011396	-0.000812	-1.57E-04	-5.33E-04	-3.80E-04	-3.10E-04	-1.05E-03	-7.50E-04
994	475068.71, 3848530.61	2.97853	10.14736	7.31209	-0.0003655	-0.0012453	-0.0008973	-1.71E-04	-5.82E-04	-4.19E-04	-3.37E-04	-1.15E-03	-8.28E-04
995	475068.71, 3848555.61	3.2386	10.98391	7.98242	-0.0003974	-0.0013479	-0.0009796	-1.86E-04	-6.30E-04	-4.58E-04	-3.67E-04	-1.24E-03	-9.04E-04
996	475068.71, 3848580.61	3.50642	11.76202	8.53489	-0.0004303	-0.0014434	-0.0010474	-2.01E-04	-6.75E-04	-4.90E-04	-3.97E-04	-1.33E-03	-9.67E-04
997	475068.71, 3848605.61	3.76839	12.43782	9.02851	-0.0004625	-0.0015263	-0.001108	-2.16E-04	-7.13E-04	-5.18E-04	-4.27E-04	-1.41E-03	-1.02E-03
998	475068.71, 3848630.61	3.99444	12.8731	9.47996	-0.0004902	-0.0015798	-0.0011634	-2.29E-04	-7.38E-04	-5.44E-04	-4.52E-04	-1.46E-03	-1.07E-03
999	475068.71, 3848655.61	4.54685	14.59395	10.85257	-0.000558	-0.0017909	-0.0013318	-2.61E-04	-8.37E-04	-6.23E-04	-5.15E-04	-1.65E-03	-1.23E-03
1000	475068.71, 3848680.61	5.13617	16.34064	12.29319	-0.0006303	-0.0020053	-0.0015086	-2.95E-04	-9.37E-04	-7.05E-04	-5.82E-04	-1.85E-03	-1.39E-03
1001	475068.71, 3848705.61	5.92855	18.68047	14.38097	-0.0007275	-0.0022924	-0.0017648	-3.40E-04	-1.07E-03	-8.25E-04	-6.72E-04	-2.12E-03	-1.63E-03
1002	475068.71, 3848730.61	6.70291	20.66907	16.19753	-0.0008226	-0.0025365	-0.0019877	-3.84E-04	-1.19E-03	-9.29E-04	-7.59E-04	-2.34E-03	-1.83E-03
1003	475068.71, 3848755.61	7.6579	22.93703	18.24126	-0.0009398	-0.0028148	-0.0022385	-4.39E-04	-1.32E-03	-1.05E-03	-8.67E-04	-2.60E-03	-2.07E-03
1004	475068.71, 3848780.61	8.84861	25.65029	20.60681	-0.0010859	-0.0031478	-0.0025288	-5.08E-04	-1.47E-03	-1.18E-03	-1.00E-03	-2.91E-03	-2.33E-03
1005	475068.71, 3848805.61	10.39833	28.90397	23.7555	-0.0012761	-0.003547	-0.0029152	-5.96E-04	-1.66E-03	-1.36E-03	-1.18E-03	-3.27E-03	-2.69E-03
1006	475068.71, 3848830.61	12.51711	33.50423	27.8695	-0.0015361	-0.0041116	-0.0034201	-7.18E-04	-1.92E-03	-1.60E-03	-1.42E-03	-3.80E-03	-3.16E-03
1007	475093.71, 3848480.61	2.39961	8.03881	5.65866	-0.0002945	-0.0009865	-0.0006944	-1.38E-04	-4.61E-04	-3.25E-04	-2.72E-04	-9.11E-04	-6.41E-04
1008	475093.71, 3848505.61	2.62818	8.95573	6.3028	-0.0003225	-0.001099	-0.0007735	-1.51E-04	-5.14E-04	-3.62E-04	-2.98E-04	-1.01E-03	-7.14E-04
1009	475093.71, 3848530.61	2.8548	9.78763	7.03074	-0.0003503	-0.0012011	-0.0008628	-1.64E-04	-5.61E-04	-4.03E-04	-3.23E-04	-1.11E-03	-7.96E-04
1010	475093.71, 3848555.61	3.08191	10.53877	7.64902	-0.0003782	-0.0012933	-0.0009387	-1.77E-04	-6.05E-04	-4.39E-04	-3.49E-04	-1.19E-03	-8.66E-04
1011	475093.71, 3848580.61	3.29589	11.15087	8.07503	-0.0004045	-0.0013684	-0.000991	-1.89E-04	-6.40E-04	-4.63E-04	-3.73E-04	-1.26E-03	-9.15E-04
1012	475093.71, 3848605.61	3.49651	11.62155	8.39894	-0.0004291	-0.0014262	-0.0010307	-2.01E-04	-6.67E-04	-4.82E-04	-3.96E-04	-1.32E-03	-9.51E-04
1013	475093.71, 3848630.61	3.81456	12.53027	9.12546	-0.0004681	-0.0015377	-0.0011199	-2.19E-04	-7.19E-04	-5.23E-04	-4.32E-04	-1.42E-03	-1.03E-03
1014	475093.71, 3848655.61	4.27834	13.99233	10.36015	-0.000525	-0.0017171	-0.0012714	-2.45E-04	-8.03E-04	-5.94E-04	-4.85E-04	-1.59E-03	-1.17E-03
1015	475093.71, 3848680.61	4.76338	15.43212	11.53134	-0.0005846	-0.0018938	-0.0014151	-2.73E-04	-8.85E-04	-6.61E-04	-5.40E-04	-1.75E-03	-1.31E-03
1016	475093.71, 3848705.61	5.37814	17.27828	13.09653	-0.00066	-0.0021204	-0.0016072	-3.08E-04	-9.91E-04	-7.51E-04	-6.09E-04	-1.96E-03	-1.48E-03
1017	475093.71, 3848730.61	6.0862	19.24736	14.86501	-0.0007469	-0.002362	-0.0018242	-3.49E-04	-1.10E-03	-8.53E-04	-6.89E-04	-2.18E-03	-1.68E-03
1018	475093.71, 3848755.61	6.87199	21.14586	16.6868	-0.0008433	-0.002595	-0.0020478	-3.94E-04	-1.21E-03	-9.57E-04	-7.78E-04	-2.40E-03	-1.89E-03
1019	475093.71, 3848780.61	7.85514	23.46179	18.69974	-0.000964	-0.0028792	-0.0022948	-4.51E-04	-1.35E-03	-1.07E-03	-8.90E-04	-2.66E-03	-2.12E-03
1020	475093.71, 3848805.61	9.07806	26.16693	21.05097	-0.001114	-0.0032112	-0.0025833	-5.21E-04	-1.50E-03	-1.21E-03	-1.03E-03	-2.96E-03	-2.38E-03
1021	475093.71, 3848830.61	10.69712	29.52806	24.37621	-0.0013127	-0.0036236	-0.0029914	-6.14E-04	-1.69E-03	-1.40E-03	-1.21E-03	-3.34E-03	-2.76E-03
1022	475118.71, 3848480.61	2.27176	7.49256	5.28662	-0.0002788	-0.0009195	-0.0006488	-1.30E-04	-4.30E-04	-3.03E-04	-2.57E-04	-8.49E-04	-5.99E-04
1023	475118.71, 3848505.61	2.51014	8.47795	5.92698	-0.000308	-0.0010404	-0.0007273	-1.44E-04	-4.86E-04	-3.40E-04	-2.84E-04	-9.60E-04	-6.71E-04
1024	475118.71, 3848530.61	2.74354	9.45101	6.7658	-0.0003367	-0.0011598	-0.0008303	-1.57E-04	-5.42E-04	-3.88E-04	-3.11E-04	-1.07E-03	-7.66E-04
1025	475118.71, 3848555.61	2.94777	10.1521	7.3483	-0.0003617	-0.0012458	-0.0009018	-1.69E-04	-5.82E-04	-4.21E-04	-3.34E-04	-1.15E-03	-8.32E-04
1026	475118.71, 3848580.61	3.13877	10.72296	7.76754	-0.0003852	-0.0013159	-0.0009532	-1.80E-04	-6.15E-04	-4.46E-04	-3.56E-04	-1.21E-03	-8.80E-04
1027	475118.71, 3848605.61	3.31744	11.15792	8.06814	-0.0004071	-0.0013693	-0.0009901	-1.90E-04	-6.40E-04	-4.63E-04	-3.76E-04	-1.26E-03	-9.14E-04
1028	475118.71, 3848630.61	3.64468	12.18869	8.83826	-0.0004473	-0.0014958	-0.0010846	-2.09E-04	-6.99E-04	-5.07E-04	-4.13E-04	-1.38E-03	-1.00E-03
1029	475118.71, 3848655.61	4.02965	13.3904	9.86949	-0.0004945	-0.0016432	-0.0012112	-2.31E-04	-7.68E-04	-5.66E-04	-4.56E-04	-1.52E-03	-1.12E-03
1030	475118.71, 3848680.61	4.43365	14.58529	10.87916	-0.0005441	-0.0017899	-0.0013351	-2.54E-04	-8.37E-04	-6.24E-04	-5.02E-04	-1.65E-03	-1.23E-03
1031	475118.71, 3848705.61	4.88141	15.83999	11.86948	-0.000599	-0.0019439	-0.0014566	-2.80E-04	-9.09E-04	-6.81E-04	-5.53E-04	-1.79E-03	-1.34E-03
1032	475118.71, 3848730.61	5.55403	17.9105	13.64294	-0.0006816	-0.0021979	-0.0016742	-3.19E-04	-1.03E-03	-7.83E-04	-6.29E-04	-2.03E-03	-1.55E-03
1033	475118.71, 3848755.61	6.21982	19.6321	15.24148	-0.0007633	-0.0024092	-0.0018704	-3.57E-04	-1.13E-03	-8.74E-04	-7.05E-04	-2.22E-03	-1.73E-03
1034	475118.71, 3848780.61	7.05165	21.63764	17.1693	-0.0008654	-0.0026553	-0.002107	-4.04E-04	-1.24E-03	-9.85E-04	-7.99E-04	-2.45E-03	-1.94E-03
1035	475118.71, 3848805.61	8.05499	23.96899	19.14152	-0.0009885	-0.0029414	-0.002349	-4.62E-04	-1.37E-03	-1.10E-03	-9.12E-04	-2.72E-03	-2.17E-03
1036	475118.71, 3848830.61	9.32538	26.72538	21.50011	-0.0011444	-0.0032797	-0.0026385	-5.35E-04	-1.53E-03	-1.23E-03	-1.06E-03	-3.03E-03	-2.44E-03
1037	475118.71, 3848855.61	10.969	30.00301	24.84753	-0.0013461	-0.0036819	-0.0030492	-6.29E-04	-1.72E-03	-1.43E-03	-1.24E-03	-3.40E-03	-2.81E-03
1038	475143.71, 3848505.61	2.40696	8.12943	5.71552	-0.0002954	-0.0009976	-0.0007014	-1.38E-04	-4.66E-04	-3.28E-04	-2.73E-04	-9.21E-04	-6.47E-04
1039	475143.71, 3848530.61	2.63717	9.10888	6.464	-0.0003236	-0.0011178	-0.0007933	-1.51E-04	-5.22E-04	-3.71E-04	-2.99E-04	-1.03E-03	-7.32E-04
1040	475143.71, 3848555.61	2.83714	9.83586	7.09882	-0.0003482	-0.001207	-0.0008712	-1.63E-04	-5.64E-04	-4.07E-04	-3.21E-04	-1.11E-03	-8.04E-04
1041	475143.71, 3848580.61	3.03129	10.47247	7.57397	-0.000372	-0.0012852	-0.0009295	-1.74E-04	-6.01E-04	-4.34E-04	-3.43E-04	-1.19E-03	-8.58E-04
1042	475143.71, 3848605.61	3.22856	11.05314	8.01495	-0.0003962	-0.0013564	-0.0009836	-1.85E-04	-6.34E-04	-4.60E-04	-3.66E-04	-1.25E-03	-9.08E-04
1043	475143.71, 3848630.61	3.47513	11.79028	8.55427	-0.0004265	-0.0014469	-0.0010498	-1.99E-04	-6.76E-04	-4.91E-04	-3.94E-04	-1.34E-03	-9.69E-04
1044	475143.71, 3848655.61	3.77532	12.68649	9.25115	-0.0004633	-0.0015569	-0.0011353	-2.17E-04	-7.28E-04	-5.31E-04	-4.28E-04	-1.44E-03	-1.05E-03
1045	475143.71, 3848680.61	4.12164	13.71542	10.16626	-0.0005058	-0.0016831	-0.0012476	-2.36E-04	-7.87E-04	-5.83E-04	-4.67E-04	-1.55E-03	-1.15E-03
1046	475143.71, 3848705.61	4.51967	14.87401	11.11233	-0.0005546	-0.0018253	-0.0013637	-2.59E-04	-8.53E-04	-6.37E-04	-5.12E-04	-1.68E-03	-1.26E-03
1047	475143.71, 3848730.61	5.01976	16.3961	12.33183	-0.000616	-0.0020121	-0.0015133	-2.88E-04	-9.40E-04	-7.07E-04	-5.69E-04	-1.86E-03	-1.40E-03
1048	475143.71, 3848755.61	5.65481	18.26947	13.96901	-0.0006939	-0.002242	-0.0017143	-3.24E-04	-1.05E-03	-8.01E-04	-6.41E-04	-2.07E-03	-1.58E-03
1049	475143.71, 3848780.61	6.35794	20.01141	15.67304	-0.0007802	-0.0024558	-0.0019234	-3.65E-04	-1.15E-03	-8.99E-04	-7.20E-04	-2.27E-03	-1.78E-03
1050	475143.71, 3848805.61	7.22634	22.09505	17.59925	-0.0008868	-0.0027115	-0.0021598	-4.15E-04	-1.27E-03	-1.01E-03	-8.19E-04	-2.50E-03	-1.99E-03
1051	475143.71, 3848830.61	8.25499	24.45533	19.53968	-0.001013	-0.0030011	-0.0023979	-4.74E-04	-1.40E-03	-1.12E-03	-9.35E-04	-2.77E-03	-2.21E-03
1052	475143.71, 3848855.61	9.57993	27.27397	21.99667	-0.0011756	-0.003347	-0.0026994	-5.50E-04	-1.56E-03	-1.26E-03	-1.09E-03	-3.09E-03	-2.49E-03
1053	475143.71, 3848880.61	11.3614	30.82024	25.55519	-0.0013943	-0.0037822	-0.0031361	-6.52E-04	-1.77E-03	-1.47E-03	-1.29E-03	-3.49E-03	-2.89E-03
1054	475168.71, 3848530.61	2.53052	8.74161	6.151	-0.0003105	-0.0010728	-0.0007548	-1.45E-04	-5.01E-04	-3.53E-04	-2.87E-04	-9.90E-04	-6.97E-04
1055	475168.71, 3848555.61	2.7126	9.42629	6.76223	-0.0003329	-0.0011568	-0.0008298	-1.56E-04	-5.41E-04	-3.88E-04	-3.07E-04	-1.07E-03	-7.66E-04
1056	475168.71, 3848580.61	2.89258	10.04513	7.24094	-0.000355	-0.0012327	-0.0008886	-1.66E-04	-5.76E-04	-4.15E-04	-3.28E-04	-1.14E-03	-8.20E-04
1057	475168.71, 3848605.61	3.09502	10.70105	7.74219	-0.0003798	-0.0013132	-0.0009501	-1.78E-04	-6.14E-04	-4.44E-04	-3.51E-04	-1.21E-03	-8.77E-04
1058	475168.71, 3848630.61	3.27911	11.21493	8.12515	-0.0004024	-0.0013763	-0.0009971	-1.88E-04	-6.43E-04	-4.66E-04	-3.71E-04	-1.27E-03	-9.20E-04
1059	475168.71, 3848655.61	3.4903	11.77686	8.54841	-0.0004283	-0.0014452	-0.001049	-2.00E-04	-6.76E-04	-4.90E-04	-3.95E-04	-1.33E-03	-9.68E-04
1060	475168.71, 3848680.61	3.78747	12.65828	9.2671	-0.0004648	-0.0015534	-0.0011372	-2.17E-04	-7.26E-04	-5.32E-04	-4.29E-04	-1.43E-03	-1.05E-03
1061	475168.71, 3848705.61	4.16828	13.8385	10.30251	-0.0005115	-0.0016982	-0.0012643	-2.39E-04	-7.94E-04	-5.91E-04	-4.72E-04	-1.57E-03	-1.17E-03

1062	475168.71, 3848730.61	4.60533	15.16257	11.32883	-0.0005652	-0.0018607	-0.0013903	-2.64E-04	-8.70E-04	-6.50E-04	-5.22E-04	-1.72E-03	-1.28E-03
1063	475168.71, 3848755.61	5.14004	16.86736	12.7526	-0.0006308	-0.0020699	-0.001565	-2.95E-04	-9.68E-04	-7.31E-04	-5.82E-04	-1.91E-03	-1.44E-03
1064	475168.71, 3848780.61	5.79478	18.67447	14.36779	-0.0007111	-0.0022917	-0.0017632	-3.32E-04	-1.07E-03	-8.24E-04	-6.56E-04	-2.12E-03	-1.63E-03
1065	475168.71, 3848805.61	6.55517	20.5642	16.20498	-0.0008044	-0.0025236	-0.0019886	-3.76E-04	-1.18E-03	-9.30E-04	-7.43E-04	-2.33E-03	-1.84E-03
1066	475168.71, 3848830.61	7.40914	22.56825	18.01324	-0.0009092	-0.0027695	-0.0022106	-4.25E-04	-1.29E-03	-1.03E-03	-8.39E-04	-2.56E-03	-2.04E-03
1067	475168.71, 3848855.61	8.47823	24.97104	19.93344	-0.0010404	-0.0030644	-0.0024462	-4.86E-04	-1.43E-03	-1.14E-03	-9.60E-04	-2.83E-03	-2.26E-03
1068	475168.71, 3848880.61	9.91161	27.95646	22.63721	-0.0012163	-0.0034308	-0.002778	-5.69E-04	-1.60E-03	-1.30E-03	-1.12E-03	-3.17E-03	-2.56E-03
1069	475168.71, 3848905.61	11.81138	31.66854	26.37598	-0.0014495	-0.0038863	-0.0032368	-6.78E-04	-1.82E-03	-1.51E-03	-1.34E-03	-3.59E-03	-2.99E-03
1070	475193.71, 3848555.61	2.53821	8.75801	6.16994	-0.0003115	-0.0010748	-0.0007572	-1.46E-04	-5.02E-04	-3.54E-04	-2.88E-04	-9.92E-04	-6.99E-04
1071	475193.71, 3848580.61	2.69233	9.30096	6.64553	-0.0003304	-0.0011414	-0.0008155	-1.54E-04	-5.34E-04	-3.81E-04	-3.05E-04	-1.05E-03	-7.53E-04
1072	475193.71, 3848605.61	2.89225	9.99552	7.20524	-0.0003549	-0.0012266	-0.0008842	-1.66E-04	-5.73E-04	-4.13E-04	-3.28E-04	-1.13E-03	-8.16E-04
1073	475193.71, 3848630.61	3.06285	10.49232	7.59064	-0.0003759	-0.0012876	-0.0009315	-1.76E-04	-6.02E-04	-4.35E-04	-3.47E-04	-1.19E-03	-8.60E-04
1074	475193.71, 3848655.61	3.28172	11.15312	8.10242	-0.0004027	-0.0013687	-0.0009943	-1.88E-04	-6.40E-04	-4.65E-04	-3.72E-04	-1.26E-03	-9.18E-04
1075	475193.71, 3848680.61	3.56758	12.0531	8.72983	-0.0004378	-0.0014791	-0.0010713	-2.05E-04	-6.91E-04	-5.01E-04	-4.04E-04	-1.37E-03	-9.89E-04
1076	475193.71, 3848705.61	3.92599	13.21037	9.75206	-0.0004818	-0.0016212	-0.0011968	-2.25E-04	-7.58E-04	-5.59E-04	-4.45E-04	-1.50E-03	-1.10E-03
1077	475193.71, 3848730.61	4.33726	14.51884	10.78285	-0.0005323	-0.0017817	-0.0013233	-2.49E-04	-8.33E-04	-6.19E-04	-4.91E-04	-1.64E-03	-1.22E-03
1078	475193.71, 3848755.61	4.78636	15.95051	11.94367	-0.0005874	-0.0019574	-0.0014657	-2.75E-04	-9.15E-04	-6.85E-04	-5.42E-04	-1.81E-03	-1.35E-03
1079	475193.71, 3848780.61	5.36871	17.65074	13.45816	-0.0006588	-0.0021661	-0.0016516	-3.08E-04	-1.01E-03	-7.72E-04	-6.08E-04	-2.00E-03	-1.52E-03
1080	475193.71, 3848805.61	5.99217	19.21725	14.94733	-0.0007353	-0.0023583	-0.0018343	-3.44E-04	-1.10E-03	-8.57E-04	-6.79E-04	-2.18E-03	-1.69E-03
1081	475193.71, 3848830.61	6.71912	20.98581	16.659	-0.0008246	-0.0025753	-0.0020444	-3.85E-04	-1.20E-03	-9.56E-04	-7.61E-04	-2.38E-03	-1.89E-03
1082	475193.71, 3848855.61	7.59902	23.02004	18.39678	-0.0009325	-0.002825	-0.0022576	-4.36E-04	-1.32E-03	-1.06E-03	-8.61E-04	-2.61E-03	-2.08E-03
1083	475193.71, 3848880.61	8.77996	25.6362	20.48403	-0.0010775	-0.003146	-0.0025138	-5.04E-04	-1.47E-03	-1.17E-03	-9.95E-04	-2.90E-03	-2.32E-03
1084	475193.71, 3848905.61	10.38203	28.92841	23.52158	-0.0012741	-0.00355	-0.0028865	-5.96E-04	-1.66E-03	-1.35E-03	-1.18E-03	-3.28E-03	-2.66E-03
1085	475218.71, 3848580.61	2.49836	8.54849	6.01461	-0.0003066	-0.0010491	-0.0007381	-1.43E-04	-4.90E-04	-3.45E-04	-2.83E-04	-9.68E-04	-6.81E-04
1086	475218.71, 3848605.61	2.67363	9.17415	6.57015	-0.0003281	-0.0011258	-0.0008063	-1.53E-04	-5.26E-04	-3.77E-04	-3.03E-04	-1.04E-03	-7.44E-04
1087	475218.71, 3848630.61	2.89973	9.97227	7.20381	-0.0003558	-0.0012238	-0.000884	-1.66E-04	-5.72E-04	-4.13E-04	-3.28E-04	-1.13E-03	-8.16E-04
1088	475218.71, 3848655.61	3.16214	10.89364	7.85704	-0.0003881	-0.0013368	-0.0009642	-1.81E-04	-6.25E-04	-4.51E-04	-3.58E-04	-1.23E-03	-8.90E-04
1089	475218.71, 3848680.61	3.45614	11.89034	8.58311	-0.0004241	-0.0014592	-0.0010533	-1.98E-04	-6.82E-04	-4.92E-04	-3.92E-04	-1.35E-03	-9.72E-04
1090	475218.71, 3848705.61	3.77956	12.95315	9.47107	-0.0004638	-0.0015896	-0.0011623	-2.17E-04	-7.43E-04	-5.43E-04	-4.28E-04	-1.47E-03	-1.07E-03
1091	475218.71, 3848730.61	4.1327	14.06497	10.36769	-0.0005072	-0.001726	-0.0012723	-2.37E-04	-8.07E-04	-5.95E-04	-4.68E-04	-1.59E-03	-1.17E-03
1092	475218.71, 3848755.61	4.56928	15.49585	11.54309	-0.0005607	-0.0019016	-0.0014165	-2.62E-04	-8.89E-04	-6.62E-04	-5.18E-04	-1.76E-03	-1.31E-03
1093	475218.71, 3848780.61	5.02673	16.79927	12.71819	-0.0006169	-0.0020616	-0.0015608	-2.88E-04	-9.64E-04	-7.30E-04	-5.69E-04	-1.90E-03	-1.44E-03
1094	475218.71, 3848805.61	5.54876	18.14875	13.97639	-0.0006809	-0.0022272	-0.0017152	-3.18E-04	-1.04E-03	-8.02E-04	-6.29E-04	-2.06E-03	-1.58E-03
1095	475218.71, 3848830.61	6.17411	19.70623	15.47441	-0.0007577	-0.0024183	-0.001899	-3.54E-04	-1.13E-03	-8.88E-04	-6.99E-04	-2.23E-03	-1.75E-03
1096	475218.71, 3848855.61	6.90704	21.46023	17.07105	-0.0008476	-0.0026336	-0.0020949	-3.96E-04	-1.23E-03	-9.79E-04	-7.82E-04	-2.43E-03	-1.93E-03
1097	475218.71, 3848880.61	7.8839	23.72028	18.97771	-0.0009675	-0.0029109	-0.0023289	-4.52E-04	-1.36E-03	-1.09E-03	-8.93E-04	-2.69E-03	-2.15E-03
1098	475218.71, 3848905.61	9.20065	26.57496	21.32	-0.0011291	-0.0032612	-0.0026164	-5.28E-04	-1.52E-03	-1.22E-03	-1.04E-03	-3.01E-03	-2.42E-03
1099	475218.71, 3848930.61	11.09797	30.45337	24.88537	-0.0013619	-0.0037372	-0.0030539	-6.37E-04	-1.75E-03	-1.43E-03	-1.26E-03	-3.45E-03	-2.82E-03
1100	475243.71, 3848605.61	2.5466	8.74138	6.1976	-0.0003125	-0.0010727	-0.0007606	-1.46E-04	-5.01E-04	-3.55E-04	-2.88E-04	-9.90E-04	-7.02E-04
1101	475243.71, 3848630.61	2.72364	9.35786	6.71872	-0.0003342	-0.0011484	-0.0008245	-1.56E-04	-5.37E-04	-3.85E-04	-3.09E-04	-1.06E-03	-7.61E-04
1102	475243.71, 3848655.61	3.00492	10.41526	7.50889	-0.0003688	-0.0012781	-0.0009215	-1.72E-04	-5.97E-04	-4.31E-04	-3.40E-04	-1.18E-03	-8.51E-04
1103	475243.71, 3848680.61	3.29895	11.46874	8.25697	-0.0004048	-0.0014074	-0.0010133	-1.89E-04	-6.58E-04	-4.74E-04	-3.74E-04	-1.30E-03	-9.35E-04
1104	475243.71, 3848705.61	3.59967	12.48447	9.07292	-0.0004417	-0.0015321	-0.0011134	-2.06E-04	-7.16E-04	-5.20E-04	-4.08E-04	-1.41E-03	-1.03E-03
1105	475243.71, 3848730.61	3.91822	13.50838	9.89552	-0.0004808	-0.0016577	-0.0012144	-2.25E-04	-7.75E-04	-5.68E-04	-4.44E-04	-1.53E-03	-1.12E-03
1106	475243.71, 3848755.61	4.30023	14.76404	10.93313	-0.0005277	-0.0018118	-0.0013417	-2.47E-04	-8.47E-04	-6.27E-04	-4.87E-04	-1.67E-03	-1.24E-03
1107	475243.71, 3848780.61	4.72321	16.02636	12.06219	-0.0005796	-0.0019667	-0.0014803	-2.71E-04	-9.19E-04	-6.92E-04	-5.35E-04	-1.82E-03	-1.37E-03
1108	475243.71, 3848805.61	5.18452	17.25601	13.1998	-0.0006362	-0.0021176	-0.0016199	-2.97E-04	-9.90E-04	-7.57E-04	-5.87E-04	-1.95E-03	-1.50E-03
1109	475243.71, 3848830.61	5.73326	18.65619	14.49084	-0.0007036	-0.0022895	-0.0017783	-3.29E-04	-1.07E-03	-8.31E-04	-6.49E-04	-2.11E-03	-1.64E-03
1110	475243.71, 3848855.61	6.3577	20.19498	15.90009	-0.0007802	-0.0024783	-0.0019512	-3.65E-04	-1.16E-03	-9.12E-04	-7.20E-04	-2.29E-03	-1.80E-03
1111	475243.71, 3848880.61	7.16407	22.09805	17.59605	-0.0008792	-0.0027118	-0.0021594	-4.11E-04	-1.27E-03	-1.01E-03	-8.12E-04	-2.50E-03	-1.99E-03
1112	475243.71, 3848905.61	8.25056	24.5663	19.63278	-0.0010125	-0.0030147	-0.0024093	-4.73E-04	-1.41E-03	-1.13E-03	-9.35E-04	-2.78E-03	-2.22E-03
1113	475243.71, 3848930.61	9.78381	27.85108	22.44077	-0.0012007	-0.0034178	-0.0027539	-5.61E-04	-1.60E-03	-1.29E-03	-1.11E-03	-3.15E-03	-2.54E-03
1114	475243.71, 3848955.61	11.97684	32.49772	26.54049	-0.0014698	-0.0039881	-0.003257	-6.87E-04	-1.86E-03	-1.52E-03	-1.36E-03	-3.68E-03	-3.01E-03
1115	475268.71, 3848630.61	2.59708	8.93927	6.37716	-0.0003187	-0.001097	-0.0007826	-1.49E-04	-5.13E-04	-3.66E-04	-2.94E-04	-1.01E-03	-7.22E-04
1116	475268.71, 3848655.61	2.84569	9.88385	7.09633	-0.0003492	-0.0012129	-0.0008708	-1.63E-04	-5.67E-04	-4.07E-04	-3.22E-04	-1.12E-03	-8.04E-04
1117	475268.71, 3848680.61	3.1301	10.95175	7.85235	-0.0003841	-0.001344	-0.0009636	-1.80E-04	-6.28E-04	-4.50E-04	-3.55E-04	-1.24E-03	-8.90E-04
1118	475268.71, 3848705.61	3.41648	11.95098	8.62767	-0.0004193	-0.0014666	-0.0010588	-1.96E-04	-6.86E-04	-4.95E-04	-3.87E-04	-1.35E-03	-9.77E-04
1119	475268.71, 3848730.61	3.70484	12.89556	9.40149	-0.0004547	-0.0015825	-0.0011537	-2.13E-04	-7.40E-04	-5.39E-04	-4.20E-04	-1.46E-03	-1.06E-03
1120	475268.71, 3848755.61	4.01568	13.85416	10.19074	-0.0004928	-0.0017002	-0.0012506	-2.30E-04	-7.95E-04	-5.85E-04	-4.55E-04	-1.57E-03	-1.15E-03
1121	475268.71, 3848780.61	4.38048	15.026	11.20932	-0.0005376	-0.001844	-0.0013756	-2.51E-04	-8.62E-04	-6.43E-04	-4.96E-04	-1.70E-03	-1.27E-03
1122	475268.71, 3848805.61	4.80196	16.22443	12.2893	-0.0005893	-0.001991	-0.0015081	-2.75E-04	-9.31E-04	-7.05E-04	-5.44E-04	-1.84E-03	-1.39E-03
1123	475268.71, 3848830.61	5.32143	17.60029	13.53658	-0.000653	-0.0021599	-0.0016612	-3.05E-04	-1.01E-03	-7.76E-04	-6.03E-04	-1.99E-03	-1.53E-03
1124	475268.71, 3848855.61	5.88176	19.0409	14.83362	-0.0007218	-0.0023367	-0.0018204	-3.37E-04	-1.09E-03	-8.51E-04	-6.66E-04	-2.16E-03	-1.68E-03
1125	475268.71, 3848880.61	6.56554	20.69644	16.29539	-0.0008057	-0.0025398	-0.0019997	-3.77E-04	-1.19E-03	-9.35E-04	-7.44E-04	-2.34E-03	-1.85E-03
1126	475268.71, 3848905.61	7.4582	22.78039	18.10472	-0.0009153	-0.0027956	-0.0022218	-4.28E-04	-1.31E-03	-1.04E-03	-8.45E-04	-2.58E-03	-2.05E-03
1127	475268.71, 3848930.61	8.72191	25.6435	20.51576	-0.0010703	-0.0031469	-0.0025177	-5.00E-04	-1.47E-03	-1.18E-03	-9.88E-04	-2.90E-03	-2.32E-03
1128	475268.71, 3848955.61	10.52236	29.60354	23.86215	-0.0012913	-0.0036329	-0.0029283	-6.04E-04	-1.70E-03	-1.37E-03	-1.19E-03	-3.35E-03	-2.70E-03
1129	475268.71, 3848980.61	13.31844	35.68328	29.0465	-0.0016344	-0.004379	-0.0035645	-7.64E-04	-2.05E-03	-1.67E-03	-1.51E-03	-4.04E-03	-3.29E-03
1130	475293.71, 3848630.61	2.60161	9.10984	6.48376	-0.0003193	-0.0011179	-0.0007957	-1.49E-04	-5.23E-04	-3.72E-04	-2.95E-04	-1.03E-03	-7.34E-04
1131	475293.71, 3848655.61	2.70911	9.42409	6.73463	-0.0003325	-0.0011565	-0.0008265	-1.55E-04	-5.41E-04	-3.86E-04	-3.07E-04	-1.07E-03	-7.63E-04
1132	475293.71, 3848680.61	2.92655	10.2023	7.32023	-0.0003591	-0.001252	-0.0008983	-1.68E-04	-5.85E-04	-4.20E-04	-3.32E-04	-1.16E-03	-8.29E-04
1133	475293.71, 3848705.61	3.21754	11.3029	8.12428	-0.0003949	-0.0013871	-0.000997	-1.85E-04	-6.48E-04	-4.66E-04	-3.64E-04	-1.28E-03	-9.20E-04
1134	475293.71, 3848730.61	3.50266	12.28205	8.89665	-0.0004298	-0.0015072	-0.0010918	-2.01E-04	-7.04E-04	-5.10E-04	-3.97E-04	-1.39E-03	-1.01E-03
1135	475293.71, 3848755.61	3.78613	13.18493	9.63253	-0.0004646	-0.001618	-0.0011821	-2.17E-04	-7.56E-04	-5.53E-04	-4.29E-04	-1.49E-03	-1.09E-03
1136	475293.71, 3848780.61	4.10286	14.14908	10.49615	-0.0005035	-0.0017364	-0.0012881	-2.35E-04	-8.12E-04	-6.02E-04	-4.65E-04	-1.60E-03	-1.19E-03
1137	475293.71, 3848805.61	4.49304	15.3726	11.57892	-0.0005514	-0.0018865	-0.0014209	-2.58E-04	-8.82E-04	-6.64E-04	-5.09E-04	-1.74E-03	-1.31E-03
1138	475293.71, 3848830.61	4.94196	16.61805	12.62419	-0.0006065	-0.0020393	-0.0015492	-2.83E-04	-9.53E-04	-7.24E-04	-5.60E-04	-1.88E-03	-1.43E-03
1139	475293.71, 3848855.61	5.46822	17.98089	13.87883	-0.0006711	-0.0022066	-0.0017032	-3.14E-04	-1.03E-03	-7.96E-04	-6.19E-04	-2.04E-03	-1.57E-03
1140	475293.71, 3848880.61	6.0391	19.38273	15.12999	-0.0007411	-0.0023786	-0.0018567	-3.46E-04	-1.11E-03	-8.68E-04	-6.84E-04	-2.20E-03	-1.71E-03
1141	475293.71, 3848905.61	6.78812	21.17088	16.70012	-0.000833	-0.0025981	-0.0020494	-3.89E-04	-1.21E-03	-9.58E-04	-7.69E-04	-2.40E-03	-1.89E-03
1142	475293.71, 3848930.61	7.86175	23.73762	18.88619	-0.0009648	-0.002913	-0.0023177	-4.51E-04	-1.36E-03	-1.08E-03	-8.91E-04	-2.69E-03	-2.14E-03
1143	475293.71, 3848955.61	9.35925	27.16789	21.74964	-0.0011486	-0.003334	-0.0026691	-5.37E-04	-1.56E-03	-1.25E-03	-1.06E-03	-3.08E-03	-2.46E-03

1144	475293.71, 3848980.61	11.61438	32.14435	25.92958	-0.0014253	-0.0039447	-0.003182	-6.66E-04	-1.84E-03	-1.49E-03	-1.32E-03	-3.64E-03	-2.94E-03
1145	475318.71, 3848655.61	2.65151	9.31543	6.65167	-0.0003254	-0.0011432	-0.0008163	-1.52E-04	-5.34E-04	-3.82E-04	-3.00E-04	-1.06E-03	-7.53E-04
1146	475318.71, 3848680.61	2.76326	9.64827	6.90334	-0.0003391	-0.001184	-0.0008472	-1.59E-04	-5.53E-04	-3.96E-04	-3.13E-04	-1.09E-03	-7.82E-04
1147	475318.71, 3848705.61	2.99242	10.47085	7.49184	-0.0003672	-0.001285	-0.0009194	-1.72E-04	-6.01E-04	-4.30E-04	-3.39E-04	-1.19E-03	-8.49E-04
1148	475318.71, 3848730.61	3.30224	11.60836	8.36888	-0.0004052	-0.0014246	-0.001027	-1.89E-04	-6.66E-04	-4.80E-04	-3.74E-04	-1.31E-03	-9.48E-04
1149	475318.71, 3848755.61	3.61023	12.69236	9.23689	-0.000443	-0.0015576	-0.0011335	-2.07E-04	-7.28E-04	-5.30E-04	-4.09E-04	-1.44E-03	-1.05E-03
1150	475318.71, 3848780.61	3.92142	13.71721	10.11323	-0.0004812	-0.0016834	-0.0012411	-2.25E-04	-7.87E-04	-5.80E-04	-4.44E-04	-1.55E-03	-1.15E-03
1151	475318.71, 3848805.61	4.25373	14.71679	11.00462	-0.000522	-0.001806	-0.0013505	-2.44E-04	-8.44E-04	-6.31E-04	-4.82E-04	-1.67E-03	-1.25E-03
1152	475318.71, 3848830.61	4.6246	15.74478	11.87424	-0.0005675	-0.0019322	-0.0014572	-2.65E-04	-9.03E-04	-6.81E-04	-5.24E-04	-1.78E-03	-1.35E-03
1153	475318.71, 3848855.61	5.07123	16.90795	12.89191	-0.0006223	-0.0020749	-0.0015821	-2.91E-04	-9.70E-04	-7.39E-04	-5.74E-04	-1.92E-03	-1.46E-03
1154	475318.71, 3848880.61	5.59696	18.22786	14.1173	-0.0006868	-0.0022369	-0.0017325	-3.21E-04	-1.05E-03	-8.10E-04	-6.34E-04	-2.06E-03	-1.60E-03
1155	475318.71, 3848905.61	6.28294	19.97625	15.61733	-0.000771	-0.0024515	-0.0019165	-3.60E-04	-1.15E-03	-8.96E-04	-7.12E-04	-2.26E-03	-1.77E-03
1156	475318.71, 3848930.61	7.19267	22.21667	17.48639	-0.0008827	-0.0027264	-0.0021459	-4.13E-04	-1.27E-03	-1.00E-03	-8.15E-04	-2.52E-03	-1.98E-03
1157	475318.71, 3848955.61	8.43602	25.13819	20.01482	-0.0010353	-0.0030849	-0.0024562	-4.84E-04	-1.44E-03	-1.15E-03	-9.56E-04	-2.85E-03	-2.27E-03
1158	475318.71, 3848980.61	10.26873	29.30596	23.43856	-0.0012602	-0.0035964	-0.0028763	-5.89E-04	-1.68E-03	-1.34E-03	-1.16E-03	-3.32E-03	-2.66E-03
1159	475318.71, 3849005.61	13.20449	35.8975	28.79787	-0.0016204	-0.0044053	-0.003534	-7.57E-04	-2.06E-03	-1.65E-03	-1.50E-03	-4.07E-03	-3.26E-03
1160	475343.71, 3848680.61	2.70235	9.53317	6.81108	-0.0003316	-0.0011699	-0.0008358	-1.55E-04	-5.47E-04	-3.91E-04	-3.06E-04	-1.08E-03	-7.72E-04
1161	475343.71, 3848705.61	2.81754	9.86748	7.07823	-0.0003458	-0.0012109	-0.0008686	-1.62E-04	-5.66E-04	-4.06E-04	-3.19E-04	-1.12E-03	-8.02E-04
1162	475343.71, 3848730.61	3.10064	10.94142	7.85963	-0.0003805	-0.0013427	-0.0009645	-1.78E-04	-6.28E-04	-4.51E-04	-3.51E-04	-1.24E-03	-8.90E-04
1163	475343.71, 3848755.61	3.40122	12.01397	8.68866	-0.0004174	-0.0014743	-0.0010663	-1.95E-04	-6.89E-04	-4.98E-04	-3.85E-04	-1.36E-03	-9.84E-04
1164	475343.71, 3848780.61	3.69961	12.96923	9.47226	-0.000454	-0.0015916	-0.0011624	-2.12E-04	-7.44E-04	-5.43E-04	-4.19E-04	-1.47E-03	-1.07E-03
1165	475343.71, 3848805.61	4.02168	14.06794	10.40695	-0.0004935	-0.0017264	-0.0012771	-2.31E-04	-8.07E-04	-5.97E-04	-4.56E-04	-1.59E-03	-1.18E-03
1166	475343.71, 3848830.61	4.35654	15.00344	11.22907	-0.0005346	-0.0018412	-0.001378	-2.50E-04	-8.61E-04	-6.44E-04	-4.94E-04	-1.70E-03	-1.27E-03
1167	475343.71, 3848855.61	4.75999	16.09532	12.16033	-0.0005841	-0.0019752	-0.0014923	-2.73E-04	-9.23E-04	-6.98E-04	-5.39E-04	-1.82E-03	-1.38E-03
1168	475343.71, 3848880.61	5.28479	17.50296	13.39081	-0.0006485	-0.0021479	-0.0016433	-3.03E-04	-1.00E-03	-7.68E-04	-5.99E-04	-1.98E-03	-1.52E-03
1169	475343.71, 3848905.61	5.87754	19.02948	14.72234	-0.0007213	-0.0023353	-0.0018067	-3.37E-04	-1.09E-03	-8.44E-04	-6.66E-04	-2.16E-03	-1.67E-03
1170	475343.71, 3848930.61	6.63899	20.90393	16.32898	-0.0008147	-0.0025653	-0.0020039	-3.81E-04	-1.20E-03	-9.37E-04	-7.52E-04	-2.37E-03	-1.85E-03
1171	475343.71, 3848955.61	7.67458	23.40403	18.46016	-0.0009418	-0.0028721	-0.0022654	-4.40E-04	-1.34E-03	-1.06E-03	-8.69E-04	-2.65E-03	-2.09E-03
1172	475343.71, 3848980.61	9.19377	26.96212	21.44514	-0.0011282	-0.0033087	-0.0026317	-5.27E-04	-1.55E-03	-1.23E-03	-1.04E-03	-3.05E-03	-2.43E-03
1173	475343.71, 3849005.61	11.58002	32.41359	25.87531	-0.0014211	-0.0039777	-0.0031754	-6.64E-04	-1.86E-03	-1.48E-03	-1.31E-03	-3.67E-03	-2.93E-03
1174	475368.71, 3848705.61	2.75894	9.77159	6.98379	-0.0003386	-0.0011992	-0.000857	-1.58E-04	-5.60E-04	-4.01E-04	-3.13E-04	-1.11E-03	-7.91E-04
1175	475368.71, 3848730.61	2.92939	10.35142	7.40854	-0.0003595	-0.0012703	-0.0009092	-1.68E-04	-5.94E-04	-4.25E-04	-3.32E-04	-1.17E-03	-8.39E-04
1176	475368.71, 3848755.61	3.21115	11.38288	8.19928	-0.0003941	-0.0013969	-0.0010062	-1.84E-04	-6.53E-04	-4.70E-04	-3.64E-04	-1.29E-03	-9.29E-04
1177	475368.71, 3848780.61	3.51727	12.4393	9.02438	-0.0004316	-0.0015265	-0.0011075	-2.02E-04	-7.14E-04	-5.18E-04	-3.98E-04	-1.41E-03	-1.02E-03
1178	475368.71, 3848805.61	3.82456	13.47368	9.89566	-0.0004693	-0.0016535	-0.0012144	-2.19E-04	-7.73E-04	-5.68E-04	-4.33E-04	-1.53E-03	-1.12E-03
1179	475368.71, 3848830.61	4.14529	14.41919	10.70072	-0.0005087	-0.0017695	-0.0013132	-2.38E-04	-8.27E-04	-6.14E-04	-4.70E-04	-1.63E-03	-1.21E-03
1180	475368.71, 3848855.61	4.52804	15.49085	11.61676	-0.0005557	-0.001901	-0.0014256	-2.60E-04	-8.89E-04	-6.66E-04	-5.13E-04	-1.75E-03	-1.32E-03
1181	475368.71, 3848880.61	4.9929	16.75512	12.69454	-0.0006127	-0.0020562	-0.0015579	-2.86E-04	-9.61E-04	-7.28E-04	-5.66E-04	-1.90E-03	-1.44E-03
1182	475368.71, 3848905.61	5.48734	18.01718	13.81025	-0.0006734	-0.002211	-0.0016948	-3.15E-04	-1.03E-03	-7.92E-04	-6.22E-04	-2.04E-03	-1.56E-03
1183	475368.71, 3848930.61	6.11623	19.55451	15.17273	-0.0007506	-0.0023997	-0.001862	-3.51E-04	-1.12E-03	-8.70E-04	-6.93E-04	-2.22E-03	-1.72E-03
1184	475368.71, 3848955.61	6.98493	21.68086	16.98146	-0.0008572	-0.0026606	-0.0020839	-4.01E-04	-1.24E-03	-9.74E-04	-7.91E-04	-2.46E-03	-1.92E-03
1185	475368.71, 3848980.61	8.27327	24.84434	19.5926	-0.0010153	-0.0030489	-0.0024044	-4.75E-04	-1.43E-03	-1.12E-03	-9.37E-04	-2.81E-03	-2.22E-03
1186	475368.71, 3849005.61	10.26552	29.5878	23.38799	-0.0012598	-0.003631	-0.0028701	-5.89E-04	-1.70E-03	-1.34E-03	-1.16E-03	-3.35E-03	-2.65E-03
1187	475368.71, 3849030.61	13.42871	36.99831	29.40862	-0.0016479	-0.0045404	-0.003609	-7.70E-04	-2.12E-03	-1.69E-03	-1.52E-03	-4.19E-03	-3.33E-03
1188	475393.71, 3848730.61	2.90595	10.41666	7.46535	-0.0003566	-0.0012783	-0.0009161	-1.67E-04	-5.98E-04	-4.28E-04	-3.29E-04	-1.18E-03	-8.46E-04
1189	475393.71, 3848755.61	3.08933	11.02547	7.93142	-0.0003791	-0.001353	-0.0009733	-1.77E-04	-6.32E-04	-4.55E-04	-3.50E-04	-1.25E-03	-8.98E-04
1190	475393.71, 3848780.61	3.35911	11.96279	8.64638	-0.0004122	-0.0014681	-0.0010611	-1.93E-04	-6.86E-04	-4.96E-04	-3.81E-04	-1.36E-03	-9.79E-04
1191	475393.71, 3848805.61	3.63414	12.82442	9.38742	-0.000446	-0.0015738	-0.001152	-2.08E-04	-7.36E-04	-5.38E-04	-4.12E-04	-1.45E-03	-1.06E-03
1192	475393.71, 3848830.61	3.91813	13.75878	10.12022	-0.0004808	-0.0016885	-0.0012419	-2.25E-04	-7.89E-04	-5.80E-04	-4.44E-04	-1.56E-03	-1.15E-03
1193	475393.71, 3848855.61	4.22122	14.56837	10.85405	-0.000518	-0.0017878	-0.001332	-2.42E-04	-8.36E-04	-6.23E-04	-4.78E-04	-1.65E-03	-1.23E-03
1194	475393.71, 3848880.61	4.59674	15.55923	11.73981	-0.0005641	-0.0019094	-0.0014407	-2.64E-04	-8.92E-04	-6.73E-04	-5.21E-04	-1.76E-03	-1.33E-03
1195	475393.71, 3848905.61	5.06676	16.78872	12.76531	-0.0006218	-0.0020603	-0.0015665	-2.91E-04	-9.63E-04	-7.32E-04	-5.74E-04	-1.90E-03	-1.45E-03
1196	475393.71, 3848930.61	5.50413	17.71563	13.69119	-0.0006755	-0.002174	-0.0016802	-3.16E-04	-1.02E-03	-7.85E-04	-6.24E-04	-2.01E-03	-1.55E-03
1197	475393.71, 3848955.61	6.37258	20.03171	15.58609	-0.000782	-0.0024583	-0.0019127	-3.66E-04	-1.15E-03	-8.94E-04	-7.22E-04	-2.27E-03	-1.77E-03
1198	475393.71, 3848980.61	7.5222	22.99792	17.98829	-0.0009231	-0.0028223	-0.0022075	-4.31E-04	-1.32E-03	-1.03E-03	-8.52E-04	-2.61E-03	-2.04E-03
1199	475393.71, 3849005.61	9.20145	27.17591	21.34121	-0.0011292	-0.003335	-0.002619	-5.28E-04	-1.56E-03	-1.22E-03	-1.04E-03	-3.08E-03	-2.42E-03
1200	475393.71, 3849030.61	11.75894	33.19772	26.25732	-0.001443	-0.004074	-0.0032223	-6.74E-04	-1.90E-03	-1.51E-03	-1.33E-03	-3.76E-03	-2.97E-03
1201	475418.71, 3848755.61	3.03885	10.95413	7.83422	-0.0003729	-0.0013443	-0.0009614	-1.74E-04	-6.28E-04	-4.49E-04	-3.44E-04	-1.24E-03	-8.87E-04
1202	475418.71, 3848780.61	3.2221	11.54008	8.31395	-0.0003954	-0.0014162	-0.0010203	-1.85E-04	-6.62E-04	-4.77E-04	-3.65E-04	-1.31E-03	-9.42E-04
1203	475418.71, 3848805.61	3.44071	12.20119	8.85051	-0.0004222	-0.0014973	-0.0010861	-1.97E-04	-7.00E-04	-5.08E-04	-3.90E-04	-1.38E-03	-1.00E-03
1204	475418.71, 3848830.61	3.68879	12.93547	9.48799	-0.0004527	-0.0015874	-0.0011644	-2.12E-04	-7.42E-04	-5.44E-04	-4.18E-04	-1.47E-03	-1.07E-03
1205	475418.71, 3848855.61	3.96421	13.73164	10.17804	-0.0004865	-0.0016851	-0.001249	-2.27E-04	-7.88E-04	-5.84E-04	-4.49E-04	-1.56E-03	-1.15E-03
1206	475418.71, 3848880.61	4.29294	14.64811	10.98155	-0.0005268	-0.0017976	-0.0013476	-2.46E-04	-8.40E-04	-6.30E-04	-4.86E-04	-1.66E-03	-1.24E-03
1207	475418.71, 3848905.61	4.63866	15.46513	11.72553	-0.0005692	-0.0018979	-0.0014389	-2.66E-04	-8.87E-04	-6.73E-04	-5.25E-04	-1.75E-03	-1.33E-03
1208	475418.71, 3848930.61	5.03432	16.29897	12.51998	-0.0006178	-0.0020002	-0.0015364	-2.89E-04	-9.35E-04	-7.18E-04	-5.70E-04	-1.85E-03	-1.42E-03
1209	475418.71, 3848955.61	5.73035	18.08666	13.99346	-0.0007032	-0.0022196	-0.0017173	-3.29E-04	-1.04E-03	-8.03E-04	-6.49E-04	-2.05E-03	-1.59E-03
1210	475418.71, 3848980.61	6.94594	21.58625	16.7238	-0.0008524	-0.002649	-0.0020523	-3.98E-04	-1.24E-03	-9.59E-04	-7.87E-04	-2.45E-03	-1.89E-03
1211	475418.71, 3849005.61	8.34962	25.15596	19.63442	-0.0010247	-0.0030871	-0.0024095	-4.79E-04	-1.44E-03	-1.13E-03	-9.46E-04	-2.85E-03	-2.22E-03
1212	475418.71, 3849030.61	10.40803	30.05346	23.7239	-0.0012773	-0.0036881	-0.0029114	-5.97E-04	-1.72E-03	-1.36E-03	-1.18E-03	-3.40E-03	-2.69E-03
1213	475418.71, 3849055.61	14.0336	38.64219	30.89065	-0.0017222	-0.0047421	-0.0037908	-8.05E-04	-2.22E-03	-1.77E-03	-1.59E-03	-4.38E-03	-3.50E-03
1214	475443.71, 3848780.61	3.16585	11.40658	8.22107	-0.0003885	-0.0013998	-0.0010089	-1.82E-04	-6.54E-04	-4.72E-04	-3.59E-04	-1.29E-03	-9.31E-04
1215	475443.71, 3848805.61	3.31079	11.81181	8.55172	-0.0004063	-0.0014495	-0.0010495	-1.90E-04	-6.78E-04	-4.91E-04	-3.75E-04	-1.34E-03	-9.69E-04
1216	475443.71, 3848830.61	3.49138	12.3065	8.9381	-0.0004285	-0.0015102	-0.0010969	-2.00E-04	-7.06E-04	-5.13E-04	-3.96E-04	-1.39E-03	-1.01E-03
1217	475443.71, 3848855.61	3.7256	12.96076	9.50934	-0.0004572	-0.0015905	-0.001167	-2.14E-04	-7.43E-04	-5.45E-04	-4.22E-04	-1.47E-03	-1.08E-03
1218	475443.71, 3848880.61	4.02883	13.82012	10.24789	-0.0004944	-0.001696	-0.0012576	-2.31E-04	-7.93E-04	-5.88E-04	-4.56E-04	-1.57E-03	-1.16E-03
1219	475443.71, 3848905.61	4.33241	14.54574	10.90846	-0.0005317	-0.001785	-0.0013387	-2.49E-04	-8.34E-04	-6.26E-04	-4.91E-04	-1.65E-03	-1.24E-03
1220	475443.71, 3848930.61	4.77029	15.62785	11.89933	-0.0005854	-0.0019178	-0.0014603	-2.74E-04	-8.96E-04	-6.83E-04	-5.40E-04	-1.77E-03	-1.35E-03
1221	475443.71, 3848955.61	5.4131	17.30485	13.31917	-0.0006643	-0.0021236	-0.0016345	-3.10E-04	-9.93E-04	-7.64E-04	-6.13E-04	-1.96E-03	-1.51E-03
1222	475443.71, 3848980.61	6.44859	20.32599	15.65388	-0.0007914	-0.0024944	-0.001921	-3.70E-04	-1.17E-03	-8.98E-04	-7.30E-04	-2.30E-03	-1.77E-03
1223	475443.71, 3849005.61	7.60369	23.23834	18.06356	-0.0009331	-0.0028518	-0.0022167	-4.36E-04	-1.33E-03	-1.04E-03	-8.61E-04	-2.63E-03	-2.05E-03
1224	475443.71, 3849030.61	9.28808	27.29456	21.39088	-0.0011398	-0.0033495	-0.0026251	-5.33E-04	-1.57E-03	-1.23E-03	-1.05E-03	-3.09E-03	-2.42E-03
1225	475443.71, 3849055.61	12.15988	34.17294	27.20125	-0.0014922	-0.0041936	-0.0033381	-6.97E-04	-1.96E-03	-1.56E-03	-1.38E-03	-3.87E-03	-3.08E-03

1226	475468.71, 3848780.61	3.12362	11.3865	8.15569	-0.0003833	-0.0013973	-0.0010009	-1.79E-04	-6.53E-04	-4.68E-04	-3.54E-04	-1.29E-03	-9.24E-04
1227	475468.71, 3848805.61	3.23043	11.56386	8.34505	-0.0003964	-0.0014191	-0.0010241	-1.85E-04	-6.63E-04	-4.79E-04	-3.66E-04	-1.31E-03	-9.45E-04
1228	475468.71, 3848830.61	3.35207	11.89001	8.60995	-0.0004114	-0.0014591	-0.0010566	-1.92E-04	-6.82E-04	-4.94E-04	-3.80E-04	-1.35E-03	-9.75E-04
1229	475468.71, 3848855.61	3.52319	12.31151	8.94843	-0.0004324	-0.0015108	-0.0010981	-2.02E-04	-7.06E-04	-5.13E-04	-3.99E-04	-1.39E-03	-1.01E-03
1230	475468.71, 3848880.61	3.771	12.94826	9.46605	-0.0004628	-0.001589	-0.0011617	-2.16E-04	-7.43E-04	-5.43E-04	-4.27E-04	-1.47E-03	-1.07E-03
1231	475468.71, 3848905.61	4.08571	13.79584	10.22476	-0.0005014	-0.001693	-0.0012548	-2.34E-04	-7.91E-04	-5.86E-04	-4.63E-04	-1.56E-03	-1.16E-03
1232	475468.71, 3848930.61	4.50414	14.89148	11.20183	-0.0005527	-0.0018275	-0.0013747	-2.58E-04	-8.54E-04	-6.43E-04	-5.10E-04	-1.69E-03	-1.27E-03
1233	475468.71, 3848955.61	5.06043	16.30118	12.44971	-0.000621	-0.0020005	-0.0015278	-2.90E-04	-9.35E-04	-7.14E-04	-5.73E-04	-1.85E-03	-1.41E-03
1234	475468.71, 3848980.61	5.83788	18.36056	14.16138	-0.0007164	-0.0022532	-0.0017379	-3.35E-04	-1.05E-03	-8.12E-04	-6.61E-04	-2.08E-03	-1.60E-03
1235	475468.71, 3849005.61	6.87851	21.10618	16.37851	-0.0008441	-0.0025901	-0.0020099	-3.95E-04	-1.21E-03	-9.39E-04	-7.79E-04	-2.39E-03	-1.86E-03
1236	475468.71, 3849030.61	8.20427	24.1412	18.98097	-0.0010068	-0.0029626	-0.0023293	-4.71E-04	-1.38E-03	-1.09E-03	-9.29E-04	-2.73E-03	-2.15E-03
1237	475468.71, 3849055.61	10.69141	30.55411	24.17986	-0.001312	-0.0037495	-0.0029673	-6.13E-04	-1.75E-03	-1.39E-03	-1.21E-03	-3.46E-03	-2.74E-03
1238	475493.71, 3848805.61	3.16445	11.46864	8.22978	-0.0003883	-0.0014074	-0.0010099	-1.82E-04	-6.58E-04	-4.72E-04	-3.58E-04	-1.30E-03	-9.32E-04
1239	475493.71, 3848830.61	3.27533	11.66179	8.44074	-0.0004019	-0.0014311	-0.0010358	-1.88E-04	-6.69E-04	-4.84E-04	-3.71E-04	-1.32E-03	-9.56E-04
1240	475493.71, 3848855.61	3.41271	12.00843	8.7112	-0.0004188	-0.0014737	-0.001069	-1.96E-04	-6.89E-04	-5.00E-04	-3.87E-04	-1.36E-03	-9.87E-04
1241	475493.71, 3848880.61	3.57539	12.33431	8.98535	-0.0004388	-0.0015136	-0.0011027	-2.05E-04	-7.07E-04	-5.15E-04	-4.05E-04	-1.40E-03	-1.02E-03
1242	475493.71, 3848905.61	3.83697	12.97249	9.53416	-0.0004709	-0.001592	-0.00117	-2.20E-04	-7.44E-04	-5.47E-04	-4.35E-04	-1.47E-03	-1.08E-03
1243	475493.71, 3848930.61	4.22454	14.0256	10.44791	-0.0005184	-0.0017212	-0.0012821	-2.42E-04	-8.05E-04	-5.99E-04	-4.79E-04	-1.59E-03	-1.18E-03
1244	475493.71, 3848955.61	4.73786	15.39276	11.63132	-0.0005814	-0.001889	-0.0014274	-2.72E-04	-8.83E-04	-6.67E-04	-5.37E-04	-1.74E-03	-1.32E-03
1245	475493.71, 3848980.61	5.37472	16.95057	13.01404	-0.0006596	-0.0020801	-0.0015971	-3.08E-04	-9.72E-04	-7.46E-04	-6.09E-04	-1.92E-03	-1.47E-03
1246	475493.71, 3849005.61	6.16864	18.81471	14.60133	-0.000757	-0.0023089	-0.0017919	-3.54E-04	-1.08E-03	-8.38E-04	-6.99E-04	-2.13E-03	-1.65E-03
1247	475493.71, 3849030.61	7.31685	21.59229	16.92217	-0.0008979	-0.0026498	-0.0020767	-4.20E-04	-1.24E-03	-9.71E-04	-8.29E-04	-2.45E-03	-1.92E-03
1248	475493.71, 3849055.61	9.79049	28.46334	22.4797	-0.0012015	-0.003493	-0.0027587	-5.62E-04	-1.63E-03	-1.29E-03	-1.11E-03	-3.22E-03	-2.55E-03
1249	475518.71, 3848830.61	3.19994	11.47962	8.25745	-0.0003927	-0.0014088	-0.0010133	-1.84E-04	-6.58E-04	-4.74E-04	-3.62E-04	-1.30E-03	-9.35E-04
1250	475518.71, 3848855.61	3.35472	11.88923	8.61027	-0.0004117	-0.001459	-0.0010566	-1.92E-04	-6.82E-04	-4.94E-04	-3.80E-04	-1.35E-03	-9.75E-04
1251	475518.71, 3848880.61	3.5422	12.37345	9.01874	-0.0004347	-0.0015184	-0.0011068	-2.03E-04	-7.10E-04	-5.17E-04	-4.01E-04	-1.40E-03	-1.02E-03
1252	475518.71, 3848905.61	3.65995	12.438	9.09538	-0.0004491	-0.0015264	-0.0011162	-2.10E-04	-7.13E-04	-5.22E-04	-4.15E-04	-1.41E-03	-1.03E-03
1253	475518.71, 3848930.61	3.9829	13.27027	9.8113	-0.0004888	-0.0016285	-0.001204	-2.28E-04	-7.61E-04	-5.63E-04	-4.51E-04	-1.50E-03	-1.11E-03
1254	475518.71, 3848955.61	4.45109	14.53184	10.85971	-0.0005462	-0.0017833	-0.0013327	-2.55E-04	-8.34E-04	-6.23E-04	-5.04E-04	-1.65E-03	-1.23E-03
1255	475518.71, 3848980.61	5.02712	15.98353	12.14573	-0.0006169	-0.0019615	-0.0014905	-2.88E-04	-9.17E-04	-6.97E-04	-5.69E-04	-1.81E-03	-1.38E-03
1256	475518.71, 3849005.61	5.74331	17.64678	13.65099	-0.0007048	-0.0021656	-0.0016752	-3.29E-04	-1.01E-03	-7.83E-04	-6.51E-04	-2.00E-03	-1.55E-03
1257	475518.71, 3849030.61	7.00616	21.08199	16.41364	-0.0008598	-0.0025871	-0.0020143	-4.02E-04	-1.21E-03	-9.41E-04	-7.94E-04	-2.39E-03	-1.86E-03
1258	475518.71, 3849055.61	9.09119	26.87957	21.16233	-0.0011157	-0.0032986	-0.002597	-5.21E-04	-1.54E-03	-1.21E-03	-1.03E-03	-3.04E-03	-2.40E-03
1259	475518.71, 3849080.61	12.12322	34.2315	27.3545	-0.0014877	-0.0042008	-0.0033569	-6.95E-04	-1.96E-03	-1.57E-03	-1.37E-03	-3.88E-03	-3.10E-03
1260	475543.71, 3848855.61	3.3112	11.87598	8.53268	-0.0004063	-0.0014574	-0.0010471	-1.90E-04	-6.81E-04	-4.89E-04	-3.75E-04	-1.35E-03	-9.67E-04
1261	475543.71, 3848880.61	3.44932	12.12229	8.80714	-0.0004233	-0.0014876	-0.0010808	-1.98E-04	-6.95E-04	-5.05E-04	-3.91E-04	-1.37E-03	-9.98E-04
1262	475543.71, 3848905.61	3.56671	12.2389	8.93606	-0.0004377	-0.0015019	-0.0010966	-2.05E-04	-7.02E-04	-5.13E-04	-4.04E-04	-1.39E-03	-1.01E-03
1263	475543.71, 3848930.61	3.8504	12.93679	9.53545	-0.0004725	-0.0015876	-0.0011702	-2.21E-04	-7.42E-04	-5.47E-04	-4.36E-04	-1.47E-03	-1.08E-03
1264	475543.71, 3848955.61	4.23839	13.94023	10.35446	-0.0005201	-0.0017107	-0.0012707	-2.43E-04	-8.00E-04	-5.94E-04	-4.80E-04	-1.58E-03	-1.17E-03
1265	475543.71, 3848980.61	4.75306	15.23417	11.46174	-0.0005833	-0.0018695	-0.0014066	-2.73E-04	-8.74E-04	-6.57E-04	-5.38E-04	-1.73E-03	-1.30E-03
1266	475543.71, 3849005.61	5.46533	17.0025	13.00604	-0.0006707	-0.0020865	-0.0015961	-3.13E-04	-9.75E-04	-7.46E-04	-6.19E-04	-1.93E-03	-1.47E-03
1267	475543.71, 3849030.61	6.5006	19.67695	15.24797	-0.0007977	-0.0024147	-0.0018712	-3.73E-04	-1.13E-03	-8.75E-04	-7.36E-04	-2.23E-03	-1.73E-03
1268	475543.71, 3849055.61	8.45287	25.34391	19.75328	-0.0010373	-0.0031102	-0.0024241	-4.85E-04	-1.45E-03	-1.13E-03	-9.58E-04	-2.87E-03	-2.24E-03
1269	475543.71, 3849080.61	11.1169	31.87943	25.32064	-0.0013642	-0.0039122	-0.0031073	-6.38E-04	-1.83E-03	-1.45E-03	-1.26E-03	-3.61E-03	-2.87E-03
1270	475568.71, 3848880.61	3.37361	11.91356	8.63236	-0.000414	-0.001462	-0.0010593	-1.94E-04	-6.83E-04	-4.95E-04	-3.82E-04	-1.35E-03	-9.78E-04
1271	475568.71, 3848905.61	3.56435	12.38484	9.02731	-0.0004374	-0.0015198	-0.0011078	-2.04E-04	-7.10E-04	-5.18E-04	-4.04E-04	-1.40E-03	-1.02E-03
1272	475568.71, 3848930.61	3.85896	13.17014	9.63498	-0.0004736	-0.0016162	-0.0011824	-2.21E-04	-7.55E-04	-5.53E-04	-4.37E-04	-1.49E-03	-1.09E-03
1273	475568.71, 3848955.61	4.18762	13.97095	10.32774	-0.0005139	-0.0017145	-0.0012674	-2.40E-04	-8.01E-04	-5.92E-04	-4.74E-04	-1.58E-03	-1.17E-03
1274	475568.71, 3848980.61	4.59657	14.90135	11.1351	-0.0005641	-0.0018287	-0.0013665	-2.64E-04	-8.55E-04	-6.39E-04	-5.21E-04	-1.69E-03	-1.26E-03
1275	475568.71, 3849005.61	5.21197	16.38652	12.41273	-0.0006396	-0.0020109	-0.0015233	-2.99E-04	-9.40E-04	-7.12E-04	-5.90E-04	-1.86E-03	-1.41E-03
1276	475568.71, 3849030.61	6.08931	18.55451	14.31844	-0.0007473	-0.002277	-0.0017571	-3.49E-04	-1.06E-03	-8.21E-04	-6.90E-04	-2.10E-03	-1.62E-03
1277	475568.71, 3849055.61	7.96135	24.23174	18.73534	-0.000977	-0.0029737	-0.0022992	-4.57E-04	-1.39E-03	-1.07E-03	-9.02E-04	-2.74E-03	-2.12E-03
1278	475568.71, 3849080.61	10.38423	30.28044	23.87015	-0.0012743	-0.003716	-0.0029293	-5.96E-04	-1.74E-03	-1.37E-03	-1.18E-03	-3.43E-03	-2.70E-03
1279	475593.71, 3848905.61	3.5284	12.36817	8.96956	-0.000433	-0.0015178	-0.0011007	-2.02E-04	-7.09E-04	-5.14E-04	-4.00E-04	-1.40E-03	-1.02E-03
1280	475593.71, 3848930.61	3.78626	12.99418	9.47665	-0.0004646	-0.0015946	-0.001163	-2.17E-04	-7.45E-04	-5.44E-04	-4.29E-04	-1.47E-03	-1.07E-03
1281	475593.71, 3848955.61	4.09837	13.77051	10.0836	-0.0005029	-0.0016899	-0.0012374	-2.35E-04	-7.90E-04	-5.78E-04	-4.64E-04	-1.56E-03	-1.14E-03
1282	475593.71, 3848980.61	4.51542	14.7962	10.96355	-0.0005541	-0.0018158	-0.0013454	-2.59E-04	-8.49E-04	-6.29E-04	-5.12E-04	-1.68E-03	-1.24E-03
1283	475593.71, 3849005.61	5.12479	16.39348	12.34312	-0.0006289	-0.0020118	-0.0015147	-2.94E-04	-9.40E-04	-7.08E-04	-5.81E-04	-1.86E-03	-1.40E-03
1284	475593.71, 3849030.61	6.14163	19.44804	14.68537	-0.0007537	-0.0023866	-0.0018022	-3.52E-04	-1.12E-03	-8.42E-04	-6.96E-04	-2.20E-03	-1.66E-03
1285	475593.71, 3849055.61	7.5542	23.36406	17.9	-0.000927	-0.0028672	-0.0021967	-4.33E-04	-1.34E-03	-1.03E-03	-8.56E-04	-2.65E-03	-2.03E-03
1286	475593.71, 3849080.61	9.76696	28.91212	22.60549	-0.0011986	-0.003548	-0.0027741	-5.60E-04	-1.66E-03	-1.30E-03	-1.11E-03	-3.28E-03	-2.56E-03
1287	475618.71, 3848905.61	3.56062	12.69884	9.21065	-0.000437	-0.0015584	-0.0011303	-2.04E-04	-7.28E-04	-5.28E-04	-4.03E-04	-1.44E-03	-1.04E-03
1288	475618.71, 3848930.61	3.76189	13.0723	9.56724	-0.0004617	-0.0016042	-0.0011741	-2.16E-04	-7.50E-04	-5.49E-04	-4.26E-04	-1.48E-03	-1.08E-03
1289	475618.71, 3848955.61	3.99531	13.51599	9.93227	-0.0004903	-0.0016587	-0.0012189	-2.29E-04	-7.75E-04	-5.70E-04	-4.53E-04	-1.53E-03	-1.13E-03
1290	475618.71, 3848980.61	4.36167	14.39186	10.64846	-0.0005353	-0.0017661	-0.0013068	-2.50E-04	-8.26E-04	-6.11E-04	-4.94E-04	-1.63E-03	-1.21E-03
1291	475618.71, 3849005.61	4.89304	15.74765	11.8121	-0.0006005	-0.0019325	-0.0014496	-2.81E-04	-9.03E-04	-6.78E-04	-5.54E-04	-1.78E-03	-1.34E-03
1292	475618.71, 3849030.61	5.74252	18.09513	13.69093	-0.0007047	-0.0022206	-0.0016801	-3.29E-04	-1.04E-03	-7.85E-04	-6.51E-04	-2.05E-03	-1.55E-03
1293	475618.71, 3849055.61	6.92329	21.30196	16.28745	-0.0008496	-0.0026141	-0.0019988	-3.97E-04	-1.22E-03	-9.34E-04	-7.84E-04	-2.41E-03	-1.85E-03
1294	475618.71, 3849080.61	8.85064	26.30419	20.62159	-0.0010861	-0.003228	-0.0025306	-5.08E-04	-1.51E-03	-1.18E-03	-1.00E-03	-2.98E-03	-2.34E-03
1295	475618.71, 3849105.61	12.26221	34.91786	27.65101	-0.0015048	-0.0042851	-0.0033933	-7.03E-04	-2.00E-03	-1.59E-03	-1.39E-03	-3.96E-03	-3.13E-03
1296	475643.71, 3848905.61	3.50515	12.65002	9.1885	-0.0004301	-0.0015524	-0.0011276	-2.01E-04	-7.26E-04	-5.27E-04	-3.97E-04	-1.43E-03	-1.04E-03
1297	475643.71, 3848930.61	3.7104	13.05268	9.55118	-0.0004553	-0.0016018	-0.0011721	-2.13E-04	-7.49E-04	-5.48E-04	-4.20E-04	-1.48E-03	-1.08E-03
1298	475643.71, 3848955.61	3.89246	13.25625	9.7691	-0.0004777	-0.0016268	-0.0011988	-2.23E-04	-7.60E-04	-5.60E-04	-4.41E-04	-1.50E-03	-1.11E-03
1299	475643.71, 3848980.61	4.23725	14.08815	10.44089	-0.00052	-0.0017289	-0.0012813	-2.43E-04	-8.08E-04	-5.99E-04	-4.80E-04	-1.60E-03	-1.18E-03
1300	475643.71, 3849005.61	4.78871	15.61315	11.68948	-0.0005877	-0.001916	-0.0014345	-2.75E-04	-8.96E-04	-6.71E-04	-5.42E-04	-1.77E-03	-1.32E-03
1301	475643.71, 3849030.61	5.60651	18.03243	13.6063	-0.000688	-0.0022129	-0.0016697	-3.22E-04	-1.03E-03	-7.80E-04	-6.35E-04	-2.04E-03	-1.54E-03
1302	475643.71, 3849055.61	6.66245	20.81534	15.7916	-0.0008176	-0.0025544	-0.0019379	-3.82E-04	-1.19E-03	-9.06E-04	-7.55E-04	-2.36E-03	-1.79E-03
1303	475643.71, 3849080.61	8.34506	25.05338	19.60792	-0.0010241	-0.0030745	-0.0024063	-4.79E-04	-1.44E-03	-1.12E-03	-9.45E-04	-2.84E-03	-2.22E-03
1304	475643.71, 3849105.61	11.49391	33.20195	26.18582	-0.0014105	-0.0040745	-0.0032135	-6.59E-04	-1.90E-03	-1.50E-03	-1.30E-03	-3.76E-03	-2.97E-03
1305	475668.71, 3848905.61	3.38651	12.23932	8.89369	-0.0004156	-0.001502	-0.0010914	-1.94E-04	-7.02E-04	-5.10E-04	-3.84E-04	-1.39E-03	-1.01E-03
1306	475668.71, 3848930.61	3.61442	12.80636	9.35447	-0.0004436	-0.0015716	-0.001148	-2.07E-04	-7.35E-04	-5.37E-04	-4.09E-04	-1.45E-03	-1.06E-03
1307	475668.71, 3848955.61	3.89118	13.48592	9.94343	-0.0004775	-0.001655	-0.0012202	-2.23E-04	-7.74E-04	-5.70E-04	-4.41E-04	-1.53E-03	-1.13E-03

1308	475668.71, 3848980.61	4.23125	14.32945	10.66873	-0.0005193	-0.0017585	-0.0013092	-2.43E-04	-8.22E-04	-6.12E-04	-4.79E-04	-1.62E-03	-1.21E-03
1309	475668.71, 3849005.61	4.72472	15.69388	11.71867	-0.0005798	-0.0019259	-0.0014381	-2.71E-04	-9.00E-04	-6.72E-04	-5.35E-04	-1.78E-03	-1.33E-03
1310	475668.71, 3849030.61	5.46628	17.90338	13.36931	-0.0006708	-0.0021971	-0.0016407	-3.14E-04	-1.03E-03	-7.67E-04	-6.19E-04	-2.03E-03	-1.51E-03
1311	475668.71, 3849055.61	6.53686	20.96524	15.68658	-0.0008022	-0.0025728	-0.001925	-3.75E-04	-1.20E-03	-9.00E-04	-7.40E-04	-2.37E-03	-1.78E-03
1312	475668.71, 3849080.61	8.16562	25.23528	19.23641	-0.0010021	-0.0030968	-0.0023607	-4.68E-04	-1.45E-03	-1.10E-03	-9.25E-04	-2.86E-03	-2.18E-03
1313	475668.71, 3849105.61	11.0055	32.38859	25.37391	-0.0013506	-0.0039747	-0.0031138	-6.31E-04	-1.86E-03	-1.46E-03	-1.25E-03	-3.67E-03	-2.87E-03
1314	475693.71, 3848905.61	3.3266	12.12025	8.76575	-0.0004082	-0.0014874	-0.0010757	-1.91E-04	-6.95E-04	-5.03E-04	-3.77E-04	-1.37E-03	-9.93E-04
1315	475693.71, 3848930.61	3.57552	12.87177	9.38422	-0.0004388	-0.0015796	-0.0011516	-2.05E-04	-7.38E-04	-5.38E-04	-4.05E-04	-1.46E-03	-1.06E-03
1316	475693.71, 3848955.61	3.86674	13.7013	10.00429	-0.0004745	-0.0016814	-0.0012277	-2.22E-04	-7.86E-04	-5.74E-04	-4.38E-04	-1.55E-03	-1.13E-03
1317	475693.71, 3848980.61	4.21518	14.64585	10.67751	-0.0005173	-0.0017973	-0.0013103	-2.42E-04	-8.40E-04	-6.12E-04	-4.77E-04	-1.66E-03	-1.21E-03
1318	475693.71, 3849005.61	4.67204	15.88496	11.63038	-0.0005733	-0.0019494	-0.0014273	-2.68E-04	-9.11E-04	-6.67E-04	-5.29E-04	-1.80E-03	-1.32E-03
1319	475693.71, 3849030.61	5.26156	17.35313	12.92043	-0.0006457	-0.0021295	-0.0015856	-3.02E-04	-9.95E-04	-7.41E-04	-5.96E-04	-1.97E-03	-1.46E-03
1320	475693.71, 3849055.61	6.23784	20.11802	15.0842	-0.0007655	-0.0024688	-0.0018511	-3.58E-04	-1.15E-03	-8.65E-04	-7.07E-04	-2.28E-03	-1.71E-03
1321	475693.71, 3849080.61	7.71378	24.03811	18.21237	-0.0009466	-0.0029499	-0.002235	-4.42E-04	-1.38E-03	-1.04E-03	-8.74E-04	-2.72E-03	-2.06E-03
1322	475693.71, 3849105.61	10.31299	30.80511	23.91125	-0.0012656	-0.0037804	-0.0029343	-5.92E-04	-1.77E-03	-1.37E-03	-1.17E-03	-3.49E-03	-2.71E-03
1323	475693.71, 3849130.61	14.79372	41.76482	33.08685	-0.0018155	-0.0051253	-0.0040604	-8.49E-04	-2.40E-03	-1.90E-03	-1.68E-03	-4.73E-03	-3.75E-03
1324	475718.71, 3848930.61	3.50787	12.74393	9.23681	-0.0004305	-0.0015639	-0.0011335	-2.01E-04	-7.31E-04	-5.30E-04	-3.97E-04	-1.44E-03	-1.05E-03
1325	475718.71, 3848955.61	3.81364	13.74066	9.94629	-0.000468	-0.0016862	-0.0012206	-2.19E-04	-7.88E-04	-5.71E-04	-4.32E-04	-1.56E-03	-1.13E-03
1326	475718.71, 3848980.61	4.17537	14.82237	10.75202	-0.0005124	-0.001819	-0.0013195	-2.39E-04	-8.50E-04	-6.17E-04	-4.73E-04	-1.68E-03	-1.22E-03
1327	475718.71, 3849005.61	4.63828	16.16071	11.74756	-0.0005692	-0.0019832	-0.0014416	-2.66E-04	-9.27E-04	-6.74E-04	-5.25E-04	-1.83E-03	-1.33E-03
1328	475718.71, 3849030.61	5.1686	17.37323	12.76352	-0.0006343	-0.002132	-0.0015663	-2.96E-04	-9.97E-04	-7.32E-04	-5.85E-04	-1.97E-03	-1.45E-03
1329	475718.71, 3849055.61	5.92829	19.17248	14.39007	-0.0007275	-0.0023528	-0.0017659	-3.40E-04	-1.10E-03	-8.25E-04	-6.72E-04	-2.17E-03	-1.63E-03
1330	475718.71, 3849080.61	7.31207	22.91502	17.4035	-0.0008973	-0.0028121	-0.0021357	-4.19E-04	-1.31E-03	-9.98E-04	-8.28E-04	-2.60E-03	-1.97E-03
1331	475718.71, 3849105.61	9.72576	29.4449	22.64321	-0.0011935	-0.0036134	-0.0027787	-5.58E-04	-1.69E-03	-1.30E-03	-1.10E-03	-3.34E-03	-2.57E-03
1332	475718.71, 3849130.61	13.82613	39.67632	31.22017	-0.0016967	-0.004869	-0.0038313	-7.93E-04	-2.28E-03	-1.79E-03	-1.57E-03	-4.49E-03	-3.54E-03
1333	475743.71, 3848930.61	3.38396	12.29393	8.81057	-0.0004153	-0.0015087	-0.0010812	-1.94E-04	-7.05E-04	-5.05E-04	-3.83E-04	-1.39E-03	-9.98E-04
1334	475743.71, 3848955.61	3.67997	13.29938	9.61185	-0.0004516	-0.0016321	-0.0011795	-2.11E-04	-7.63E-04	-5.51E-04	-4.17E-04	-1.51E-03	-1.09E-03
1335	475743.71, 3848980.61	4.0467	14.49401	10.46186	-0.0004966	-0.0017787	-0.0012839	-2.32E-04	-8.31E-04	-6.00E-04	-4.58E-04	-1.64E-03	-1.19E-03
1336	475743.71, 3849005.61	4.52157	15.95016	11.51497	-0.0005549	-0.0019574	-0.0014131	-2.59E-04	-9.15E-04	-6.60E-04	-5.12E-04	-1.81E-03	-1.30E-03
1337	475743.71, 3849030.61	5.14562	17.75956	12.9504	-0.0006315	-0.0021794	-0.0015893	-2.95E-04	-1.02E-03	-7.43E-04	-5.83E-04	-2.01E-03	-1.47E-03
1338	475743.71, 3849055.61	5.83545	19.24746	14.25992	-0.0007161	-0.002362	-0.00175	-3.35E-04	-1.10E-03	-8.18E-04	-6.61E-04	-2.18E-03	-1.62E-03
1339	475743.71, 3849080.61	7.03846	22.32891	16.83333	-0.0008637	-0.0027402	-0.0020658	-4.04E-04	-1.28E-03	-9.66E-04	-7.97E-04	-2.53E-03	-1.91E-03
1340	475743.71, 3849105.61	9.20169	28.19853	21.48161	-0.0011292	-0.0034605	-0.0026362	-5.28E-04	-1.62E-03	-1.23E-03	-1.04E-03	-3.19E-03	-2.43E-03
1341	475743.71, 3849130.61	12.95832	37.74512	29.43109	-0.0015902	-0.004632	-0.0036117	-7.43E-04	-2.17E-03	-1.69E-03	-1.47E-03	-4.28E-03	-3.33E-03
1342	475768.71, 3848930.61	3.28194	11.94289	8.50971	-0.0004028	-0.0014656	-0.0010443	-1.88E-04	-6.85E-04	-4.88E-04	-3.72E-04	-1.35E-03	-9.64E-04
1343	475768.71, 3848955.61	3.54646	12.80657	9.2081	-0.0004352	-0.0015716	-0.00113	-2.03E-04	-7.35E-04	-5.28E-04	-4.02E-04	-1.45E-03	-1.04E-03
1344	475768.71, 3848980.61	3.89121	13.93485	10.08265	-0.0004775	-0.0017101	-0.0012373	-2.23E-04	-7.99E-04	-5.78E-04	-4.41E-04	-1.58E-03	-1.14E-03
1345	475768.71, 3849005.61	4.34373	15.36717	11.07792	-0.0005331	-0.0018858	-0.0013595	-2.49E-04	-8.81E-04	-6.35E-04	-4.92E-04	-1.74E-03	-1.25E-03
1346	475768.71, 3849030.61	4.96013	17.22565	12.47547	-0.0006087	-0.0021139	-0.001531	-2.85E-04	-9.88E-04	-7.16E-04	-5.62E-04	-1.95E-03	-1.41E-03
1347	475768.71, 3849055.61	5.71081	19.13575	14.05135	-0.0007008	-0.0023483	-0.0017244	-3.28E-04	-1.10E-03	-8.06E-04	-6.47E-04	-2.17E-03	-1.59E-03
1348	475768.71, 3849080.61	6.66288	21.18076	15.90379	-0.0008177	-0.0025993	-0.0019517	-3.82E-04	-1.21E-03	-9.12E-04	-7.55E-04	-2.40E-03	-1.80E-03
1349	475768.71, 3849105.61	8.45223	25.85149	19.9186	-0.0010372	-0.0031725	-0.0024444	-4.85E-04	-1.48E-03	-1.14E-03	-9.57E-04	-2.93E-03	-2.26E-03
1350	475768.71, 3849130.61	12.14117	35.91872	27.71439	-0.0014899	-0.0044079	-0.0034011	-6.96E-04	-2.06E-03	-1.59E-03	-1.38E-03	-4.07E-03	-3.14E-03
1351	475793.71, 3848930.61	3.21534	11.76753	8.40251	-0.0003946	-0.0014441	-0.0010311	-1.84E-04	-6.75E-04	-4.82E-04	-3.64E-04	-1.33E-03	-9.52E-04
1352	475793.71, 3848955.61	3.4595	12.52504	8.97905	-0.0004245	-0.0015371	-0.0011019	-1.98E-04	-7.18E-04	-5.15E-04	-3.92E-04	-1.42E-03	-1.02E-03
1353	475793.71, 3848980.61	3.75947	13.4623	9.7397	-0.0004614	-0.0016521	-0.0011952	-2.16E-04	-7.72E-04	-5.59E-04	-4.26E-04	-1.52E-03	-1.10E-03
1354	475793.71, 3849005.61	4.16334	14.70644	10.63603	-0.0005109	-0.0018047	-0.0013052	-2.39E-04	-8.44E-04	-6.10E-04	-4.72E-04	-1.67E-03	-1.20E-03
1355	475793.71, 3849030.61	4.7112	16.34653	11.80162	-0.0005782	-0.002006	-0.0014483	-2.70E-04	-9.38E-04	-6.77E-04	-5.34E-04	-1.85E-03	-1.34E-03
1356	475793.71, 3849055.61	5.54847	18.8426	13.70748	-0.0006809	-0.0023123	-0.0016822	-3.18E-04	-1.08E-03	-7.86E-04	-6.29E-04	-2.13E-03	-1.55E-03
1357	475793.71, 3849080.61	6.69476	21.96591	16.24029	-0.0008216	-0.0026956	-0.001993	-3.84E-04	-1.26E-03	-9.32E-04	-7.58E-04	-2.49E-03	-1.84E-03
1358	475793.71, 3849105.61	8.15287	25.18785	19.3789	-0.0010005	-0.003091	-0.0023781	-4.68E-04	-1.44E-03	-1.11E-03	-9.24E-04	-2.85E-03	-2.20E-03
1359	475793.71, 3849130.61	11.22433	33.60719	25.78999	-0.0013774	-0.0041242	-0.0031649	-6.44E-04	-1.93E-03	-1.48E-03	-1.27E-03	-3.81E-03	-2.92E-03
1360	475818.71, 3848930.61	3.15509	11.62976	8.3432	-0.0003872	-0.0014272	-0.0010239	-1.81E-04	-6.67E-04	-4.79E-04	-3.57E-04	-1.32E-03	-9.45E-04
1361	475818.71, 3848955.61	3.39487	12.34294	8.83916	-0.0004166	-0.0015147	-0.0010847	-1.95E-04	-7.08E-04	-5.07E-04	-3.85E-04	-1.40E-03	-1.00E-03
1362	475818.71, 3848980.61	3.67725	13.20654	9.5457	-0.0004513	-0.0016207	-0.0011714	-2.11E-04	-7.58E-04	-5.48E-04	-4.17E-04	-1.50E-03	-1.08E-03
1363	475818.71, 3849005.61	4.04067	14.30037	10.35828	-0.0004959	-0.0017549	-0.0012712	-2.32E-04	-8.20E-04	-5.94E-04	-4.58E-04	-1.62E-03	-1.17E-03
1364	475818.71, 3849030.61	4.53255	15.72864	11.35662	-0.0005562	-0.0019302	-0.0013937	-2.60E-04	-9.02E-04	-6.51E-04	-5.13E-04	-1.78E-03	-1.29E-03
1365	475818.71, 3849055.61	5.24756	17.79581	12.85968	-0.000644	-0.0021839	-0.0015781	-3.01E-04	-1.02E-03	-7.38E-04	-5.94E-04	-2.02E-03	-1.46E-03
1366	475818.71, 3849080.61	6.35823	20.93591	15.3675	-0.0007803	-0.0025692	-0.0018859	-3.65E-04	-1.20E-03	-8.81E-04	-7.20E-04	-2.37E-03	-1.74E-03
1367	475818.71, 3849105.61	8.09842	25.52464	19.1851	-0.0009938	-0.0031323	-0.0023544	-4.65E-04	-1.46E-03	-1.10E-03	-9.17E-04	-2.89E-03	-2.17E-03
1368	475818.71, 3849130.61	10.87577	32.79171	25.04553	-0.0013347	-0.0040241	-0.0030735	-6.24E-04	-1.88E-03	-1.44E-03	-1.23E-03	-3.71E-03	-2.84E-03
1369	475843.71, 3848955.61	3.33654	12.20586	8.80476	-0.0004095	-0.0014979	-0.0010805	-1.91E-04	-7.00E-04	-5.05E-04	-3.78E-04	-1.38E-03	-9.97E-04
1370	475843.71, 3848980.61	3.62299	13.0784	9.44669	-0.0004446	-0.001605	-0.0011593	-2.08E-04	-7.50E-04	-5.42E-04	-4.10E-04	-1.48E-03	-1.07E-03
1371	475843.71, 3849005.61	3.94923	14.01674	10.2126	-0.0004846	-0.0017201	-0.0012533	-2.27E-04	-8.04E-04	-5.86E-04	-4.47E-04	-1.59E-03	-1.16E-03
1372	475843.71, 3849030.61	4.41371	15.38222	11.15103	-0.0005416	-0.0018877	-0.0013684	-2.53E-04	-8.82E-04	-6.40E-04	-5.00E-04	-1.74E-03	-1.26E-03
1373	475843.71, 3849055.61	5.04613	17.14293	12.4085	-0.0006193	-0.0021038	-0.0015228	-2.89E-04	-9.83E-04	-7.12E-04	-5.72E-04	-1.94E-03	-1.41E-03
1374	475843.71, 3849080.61	5.98675	19.67791	14.32939	-0.0007347	-0.0024148	-0.0017585	-3.43E-04	-1.13E-03	-8.22E-04	-6.78E-04	-2.23E-03	-1.62E-03
1375	475843.71, 3849105.61	7.69968	24.38829	18.31739	-0.0009449	-0.0029929	-0.0022479	-4.42E-04	-1.40E-03	-1.05E-03	-8.72E-04	-2.76E-03	-2.07E-03
1376	475843.71, 3849130.61	10.40387	31.52759	24.12669	-0.0012767	-0.003869	-0.0029608	-5.97E-04	-1.81E-03	-1.38E-03	-1.18E-03	-3.57E-03	-2.73E-03
1377	475868.71, 3848955.61	3.26665	11.99223	8.67678	-0.0004009	-0.0014717	-0.0010648	-1.87E-04	-6.88E-04	-4.98E-04	-3.70E-04	-1.36E-03	-9.83E-04
1378	475868.71, 3848980.61	3.55813	12.89222	9.34462	-0.0004366	-0.0015821	-0.0011468	-2.04E-04	-7.39E-04	-5.36E-04	-4.03E-04	-1.46E-03	-1.06E-03
1379	475868.71, 3849005.61	3.91558	14.00655	10.21373	-0.0004805	-0.0017189	-0.0012534	-2.25E-04	-8.03E-04	-5.86E-04	-4.44E-04	-1.59E-03	-1.16E-03
1380	475868.71, 3849030.61	4.34896	15.26995	11.12108	-0.0005337	-0.0018739	-0.0013648	-2.49E-04	-8.76E-04	-6.38E-04	-4.93E-04	-1.73E-03	-1.26E-03
1381	475868.71, 3849055.61	4.90602	16.75644	12.16547	-0.0006021	-0.0020563	-0.0014929	-2.81E-04	-9.61E-04	-6.98E-04	-5.56E-04	-1.90E-03	-1.38E-03
1382	475868.71, 3849080.61	5.74117	18.94287	13.75365	-0.0007045	-0.0023246	-0.0016878	-3.29E-04	-1.09E-03	-7.89E-04	-6.50E-04	-2.15E-03	-1.56E-03
1383	475868.71, 3849105.61	7.07646	22.30646	16.63821	-0.0008684	-0.0027374	-0.0020418	-4.06E-04	-1.28E-03	-9.54E-04	-8.02E-04	-2.53E-03	-1.88E-03
1384	475868.71, 3849130.61	9.61895	28.73495	22.00598	-0.0011804	-0.0035263	-0.0027005	-5.52E-04	-1.65E-03	-1.26E-03	-1.09E-03	-3.26E-03	-2.49E-03
1385	475893.71, 3848955.61	3.19718	11.75283	8.53178	-0.0003924	-0.0014423	-0.001047	-1.83E-04	-6.74E-04	-4.89E-04	-3.62E-04	-1.33E-03	-9.66E-04
1386	475893.71, 3848980.61	3.48167	12.6548	9.21836	-0.0004273	-0.001553	-0.0011313	-2.00E-04	-7.26E-04	-5.29E-04	-3.94E-04	-1.43E-03	-1.04E-03
1387	475893.71, 3849005.61	3.84015	13.7748	10.04573	-0.0004713	-0.0016904	-0.0012328	-2.20E-04	-7.90E-04	-5.76E-04	-4.35E-04	-1.56E-03	-1.14E-03
1388	475893.71, 3849030.61	4.27759	15.09938	11.02862	-0.0005249	-0.001853	-0.0013534	-2.45E-04	-8.66E-04	-6.33E-04	-4.85E-04	-1.71E-03	-1.25E-03
1389	475893.71, 3849055.61	4.88011	16.86395	12.28173	-0.0005989	-0.0020695	-0.0015072	-2.80E-04	-9.67E-04	-7.04E-04	-5.53E-04	-1.91E-03	-1.39E-03

1390	475893.71, 3849080.61	5.64361	18.82011	13.67453	-0.0006926	-0.0023096	-0.0016781	-3.24E-04	-1.08E-03	-7.84E-04	-6.39E-04	-2.13E-03	-1.55E-03
1391	475893.71, 3849105.61	6.77359	21.52854	15.95591	-0.0008312	-0.0026419	-0.0019581	-3.89E-04	-1.23E-03	-9.15E-04	-7.67E-04	-2.44E-03	-1.81E-03
1392	475893.71, 3849130.61	8.78913	26.37474	20.09274	-0.0010786	-0.0032367	-0.0024657	-5.04E-04	-1.51E-03	-1.15E-03	-9.96E-04	-2.99E-03	-2.28E-03
1393	475893.71, 3849155.61	13.187	38.55319	29.78837	-0.0016183	-0.0047312	-0.0036556	-7.56E-04	-2.21E-03	-1.71E-03	-1.49E-03	-4.37E-03	-3.37E-03
1394	475918.71, 3848955.61	3.12897	11.52527	8.39126	-0.000384	-0.0014144	-0.0010298	-1.79E-04	-6.61E-04	-4.81E-04	-3.54E-04	-1.31E-03	-9.51E-04
1395	475918.71, 3848980.61	3.40936	12.4269	9.07531	-0.0004184	-0.001525	-0.0011137	-1.96E-04	-7.13E-04	-5.21E-04	-3.86E-04	-1.41E-03	-1.03E-03
1396	475918.71, 3849005.61	3.7567	13.50655	9.87755	-0.000461	-0.0016575	-0.0012122	-2.15E-04	-7.75E-04	-5.67E-04	-4.26E-04	-1.53E-03	-1.12E-03
1397	475918.71, 3849030.61	4.20286	14.88354	10.96642	-0.0005158	-0.0018265	-0.0013458	-2.41E-04	-8.54E-04	-6.29E-04	-4.76E-04	-1.69E-03	-1.24E-03
1398	475918.71, 3849055.61	4.77142	16.557	12.08977	-0.0005855	-0.0020318	-0.0014836	-2.74E-04	-9.50E-04	-6.93E-04	-5.41E-04	-1.88E-03	-1.37E-03
1399	475918.71, 3849080.61	5.55745	18.71379	13.61213	-0.000682	-0.0022965	-0.0016705	-3.19E-04	-1.07E-03	-7.81E-04	-6.30E-04	-2.12E-03	-1.54E-03
1400	475918.71, 3849105.61	6.65256	21.4142	15.75577	-0.0008164	-0.0026279	-0.0019335	-3.82E-04	-1.23E-03	-9.04E-04	-7.54E-04	-2.43E-03	-1.78E-03
1401	475918.71, 3849130.61	8.35597	25.32619	19.18443	-0.0010254	-0.003108	-0.0023543	-4.79E-04	-1.45E-03	-1.10E-03	-9.47E-04	-2.87E-03	-2.17E-03
1402	475918.71, 3849155.61	11.816	34.75787	26.82943	-0.00145	-0.0042654	-0.0032925	-6.78E-04	-1.99E-03	-1.54E-03	-1.34E-03	-3.94E-03	-3.04E-03
1403	475943.71, 3848955.61	3.06381	11.30584	8.22658	-0.000376	-0.0013874	-0.0010096	-1.76E-04	-6.49E-04	-4.72E-04	-3.47E-04	-1.28E-03	-9.32E-04
1404	475943.71, 3848980.61	3.34077	12.18899	8.91405	-0.00041	-0.0014958	-0.0010939	-1.92E-04	-6.99E-04	-5.11E-04	-3.78E-04	-1.38E-03	-1.01E-03
1405	475943.71, 3849005.61	3.68537	13.33249	9.77201	-0.0004523	-0.0016361	-0.0011992	-2.11E-04	-7.65E-04	-5.61E-04	-4.17E-04	-1.51E-03	-1.11E-03
1406	475943.71, 3849030.61	4.12574	14.65709	10.77076	-0.0005063	-0.0017987	-0.0013218	-2.37E-04	-8.41E-04	-6.18E-04	-4.67E-04	-1.66E-03	-1.22E-03
1407	475943.71, 3849055.61	4.66605	16.24045	11.94313	-0.0005726	-0.001993	-0.0014656	-2.68E-04	-9.32E-04	-6.85E-04	-5.29E-04	-1.84E-03	-1.35E-03
1408	475943.71, 3849080.61	5.3924	18.22096	13.27369	-0.0006617	-0.002236	-0.0016289	-3.09E-04	-1.05E-03	-7.61E-04	-6.11E-04	-2.06E-03	-1.50E-03
1409	475943.71, 3849105.61	6.42539	20.81271	15.25063	-0.0007885	-0.0025541	-0.0018715	-3.69E-04	-1.19E-03	-8.75E-04	-7.28E-04	-2.36E-03	-1.73E-03
1410	475943.71, 3849130.61	8.02176	24.57785	18.53331	-0.0009844	-0.0030162	-0.0022744	-4.60E-04	-1.41E-03	-1.06E-03	-9.09E-04	-2.78E-03	-2.10E-03
1411	475943.71, 3849155.61	10.88927	32.28342	24.79206	-0.0013363	-0.0039618	-0.0030424	-6.25E-04	-1.85E-03	-1.42E-03	-1.23E-03	-3.66E-03	-2.81E-03
1412	475968.71, 3848955.61	3.00108	11.09174	8.06434	-0.0003683	-0.0013612	-0.0009896	-1.72E-04	-6.36E-04	-4.63E-04	-3.40E-04	-1.26E-03	-9.14E-04
1413	475968.71, 3848980.61	3.27115	11.9579	8.70027	-0.0004014	-0.0014675	-0.0010677	-1.88E-04	-6.86E-04	-4.99E-04	-3.71E-04	-1.35E-03	-9.86E-04
1414	475968.71, 3849005.61	3.60952	13.06559	9.58534	-0.000443	-0.0016034	-0.0011763	-2.07E-04	-7.49E-04	-5.50E-04	-4.09E-04	-1.48E-03	-1.09E-03
1415	475968.71, 3849030.61	4.03457	14.3945	10.58302	-0.0004951	-0.0017665	-0.0012987	-2.31E-04	-8.26E-04	-6.07E-04	-4.57E-04	-1.63E-03	-1.20E-03
1416	475968.71, 3849055.61	4.57633	15.99121	11.78124	-0.0005616	-0.0019624	-0.0014458	-2.62E-04	-9.17E-04	-6.76E-04	-5.18E-04	-1.81E-03	-1.33E-03
1417	475968.71, 3849080.61	5.30409	18.03597	13.18781	-0.0006509	-0.0022133	-0.0016184	-3.04E-04	-1.03E-03	-7.56E-04	-6.01E-04	-2.04E-03	-1.49E-03
1418	475968.71, 3849105.61	6.30717	20.60241	15.10994	-0.000774	-0.0025283	-0.0018543	-3.62E-04	-1.18E-03	-8.67E-04	-7.14E-04	-2.33E-03	-1.71E-03
1419	475968.71, 3849130.61	7.77808	24.05165	18.03168	-0.0009545	-0.0029516	-0.0022128	-4.46E-04	-1.38E-03	-1.03E-03	-8.81E-04	-2.72E-03	-2.04E-03
1420	475968.71, 3849155.61	10.26295	30.61992	23.26782	-0.0012595	-0.0037576	-0.0028554	-5.89E-04	-1.76E-03	-1.33E-03	-1.16E-03	-3.47E-03	-2.64E-03
1421	475993.71, 3848980.61	3.20539	11.72904	8.56203	-0.0003934	-0.0014394	-0.0010507	-1.84E-04	-6.73E-04	-4.91E-04	-3.63E-04	-1.33E-03	-9.70E-04
1422	475993.71, 3849005.61	3.53487	12.81029	9.37513	-0.0004338	-0.0015721	-0.0011505	-2.03E-04	-7.35E-04	-5.38E-04	-4.00E-04	-1.45E-03	-1.06E-03
1423	475993.71, 3849030.61	3.94906	14.11947	10.43938	-0.0004846	-0.0017327	-0.0012811	-2.27E-04	-8.10E-04	-5.99E-04	-4.47E-04	-1.60E-03	-1.18E-03
1424	475993.71, 3849055.61	4.47207	15.67751	11.53532	-0.0005488	-0.0019239	-0.0014156	-2.57E-04	-8.99E-04	-6.62E-04	-5.07E-04	-1.78E-03	-1.31E-03
1425	475993.71, 3849080.61	5.15585	17.56489	12.89706	-0.0006327	-0.0021555	-0.0015827	-2.96E-04	-1.01E-03	-7.40E-04	-5.84E-04	-1.99E-03	-1.46E-03
1426	475993.71, 3849105.61	6.12346	20.08915	14.74545	-0.0007515	-0.0024653	-0.0018095	-3.51E-04	-1.15E-03	-8.46E-04	-6.94E-04	-2.28E-03	-1.67E-03
1427	475993.71, 3849130.61	7.57346	23.62049	17.65075	-0.0009294	-0.0028987	-0.0021661	-4.34E-04	-1.35E-03	-1.01E-03	-8.58E-04	-2.68E-03	-2.00E-03
1428	475993.71, 3849155.61	9.79208	29.35483	22.17257	-0.0012017	-0.0036024	-0.002721	-5.62E-04	-1.68E-03	-1.27E-03	-1.11E-03	-3.33E-03	-2.51E-03
1429	476018.71, 3848980.61	3.14229	11.52096	8.42941	-0.0003856	-0.0014138	-0.0010344	-1.80E-04	-6.61E-04	-4.84E-04	-3.56E-04	-1.31E-03	-9.55E-04
1430	476018.71, 3849005.61	3.46474	12.57268	9.21602	-0.0004252	-0.0015429	-0.001131	-1.99E-04	-7.21E-04	-5.29E-04	-3.92E-04	-1.42E-03	-1.04E-03
1431	476018.71, 3849030.61	3.87429	13.88988	10.24474	-0.0004754	-0.0017045	-0.0012572	-2.22E-04	-7.97E-04	-5.88E-04	-4.39E-04	-1.57E-03	-1.16E-03
1432	476018.71, 3849055.61	4.38636	15.41839	11.41772	-0.0005383	-0.0018921	-0.0014012	-2.52E-04	-8.84E-04	-6.55E-04	-4.97E-04	-1.75E-03	-1.29E-03
1433	476018.71, 3849080.61	5.07603	17.39558	12.85379	-0.0006229	-0.0021348	-0.0015774	-2.91E-04	-9.98E-04	-7.37E-04	-5.75E-04	-1.97E-03	-1.46E-03
1434	476018.71, 3849105.61	6.00348	19.83539	14.66007	-0.0007367	-0.0024342	-0.0017991	-3.44E-04	-1.14E-03	-8.41E-04	-6.80E-04	-2.25E-03	-1.66E-03
1435	476018.71, 3849130.61	7.32527	23.00065	17.12874	-0.0008989	-0.0028226	-0.002102	-4.20E-04	-1.32E-03	-9.83E-04	-8.30E-04	-2.61E-03	-1.94E-03
1436	476018.71, 3849155.61	9.56135	28.82373	21.60302	-0.0011734	-0.0035372	-0.0026511	-5.48E-04	-1.65E-03	-1.24E-03	-1.08E-03	-3.27E-03	-2.45E-03
1437	476043.71, 3848980.61	3.07881	11.25528	8.24802	-0.0003778	-0.0013812	-0.0010122	-1.77E-04	-6.46E-04	-4.73E-04	-3.49E-04	-1.27E-03	-9.34E-04
1438	476043.71, 3849005.61	3.39195	12.30812	9.07073	-0.0004163	-0.0015104	-0.0011131	-1.95E-04	-7.06E-04	-5.20E-04	-3.84E-04	-1.39E-03	-1.03E-03
1439	476043.71, 3849030.61	3.79463	13.63315	10.03441	-0.0004657	-0.001673	-0.0012314	-2.18E-04	-7.82E-04	-5.76E-04	-4.30E-04	-1.54E-03	-1.14E-03
1440	476043.71, 3849055.61	4.3032	15.2005	11.25883	-0.0005281	-0.0018654	-0.0013817	-2.47E-04	-8.72E-04	-6.46E-04	-4.87E-04	-1.72E-03	-1.28E-03
1441	476043.71, 3849080.61	4.95865	17.06566	12.58903	-0.0006085	-0.0020943	-0.0015449	-2.84E-04	-9.79E-04	-7.22E-04	-5.62E-04	-1.93E-03	-1.43E-03
1442	476043.71, 3849105.61	5.89801	19.65829	14.53438	-0.0007238	-0.0024124	-0.0017836	-3.38E-04	-1.13E-03	-8.34E-04	-6.68E-04	-2.23E-03	-1.65E-03
1443	476043.71, 3849130.61	7.3398	23.53697	17.38259	-0.0009007	-0.0028884	-0.0021332	-4.21E-04	-1.35E-03	-9.97E-04	-8.31E-04	-2.67E-03	-1.97E-03
1444	476043.71, 3849155.61	9.6291	29.74209	22.01127	-0.0011817	-0.0036499	-0.0027012	-5.52E-04	-1.71E-03	-1.26E-03	-1.09E-03	-3.37E-03	-2.49E-03
1445	476068.71, 3848980.61	3.01486	10.96076	8.03949	-0.00037	-0.0013451	-0.0009866	-1.73E-04	-6.29E-04	-4.61E-04	-3.42E-04	-1.24E-03	-9.11E-04
1446	476068.71, 3849005.61	3.32366	12.02642	8.90574	-0.0004079	-0.0014759	-0.0010929	-1.91E-04	-6.90E-04	-5.11E-04	-3.77E-04	-1.36E-03	-1.01E-03
1447	476068.71, 3849030.61	3.7189	13.34779	9.89053	-0.0004564	-0.001638	-0.0012137	-2.13E-04	-7.66E-04	-5.67E-04	-4.21E-04	-1.51E-03	-1.12E-03
1448	476068.71, 3849055.61	4.21721	14.92687	11.07406	-0.0005175	-0.0018318	-0.001359	-2.42E-04	-8.56E-04	-6.35E-04	-4.78E-04	-1.69E-03	-1.25E-03
1449	476068.71, 3849080.61	4.86726	16.8519	12.50738	-0.0005973	-0.002068	-0.0015349	-2.79E-04	-9.67E-04	-7.17E-04	-5.51E-04	-1.91E-03	-1.42E-03
1450	476068.71, 3849105.61	5.77306	19.40002	14.30209	-0.0007085	-0.0023807	-0.0017551	-3.31E-04	-1.11E-03	-8.20E-04	-6.54E-04	-2.20E-03	-1.62E-03
1451	476068.71, 3849130.61	7.12887	23.06314	17.07802	-0.0008748	-0.0028303	-0.0020958	-4.09E-04	-1.32E-03	-9.80E-04	-8.08E-04	-2.61E-03	-1.93E-03
1452	476068.71, 3849155.61	9.23645	28.80302	21.24924	-0.0011335	-0.0035347	-0.0026077	-5.30E-04	-1.65E-03	-1.22E-03	-1.05E-03	-3.26E-03	-2.41E-03
1453	476068.71, 3849180.61	13.03482	39.02543	29.56556	-0.0015996	-0.0047891	-0.0036282	-7.48E-04	-2.24E-03	-1.70E-03	-1.48E-03	-4.42E-03	-3.35E-03
1454	476093.71, 3848980.61	2.95255	10.68151	7.83031	-0.0003623	-0.0013108	-0.0009609	-1.69E-04	-6.13E-04	-4.49E-04	-3.34E-04	-1.21E-03	-8.87E-04
1455	476093.71, 3849005.61	3.24722	11.67382	8.63537	-0.0003985	-0.0014326	-0.0010597	-1.86E-04	-6.70E-04	-4.95E-04	-3.68E-04	-1.32E-03	-9.78E-04
1456	476093.71, 3849030.61	3.62184	12.97158	9.59546	-0.0004445	-0.0015919	-0.0011775	-2.08E-04	-7.44E-04	-5.50E-04	-4.10E-04	-1.47E-03	-1.09E-03
1457	476093.71, 3849055.61	4.11039	14.54953	10.78609	-0.0005044	-0.0017855	-0.0013237	-2.36E-04	-8.35E-04	-6.19E-04	-4.66E-04	-1.65E-03	-1.22E-03
1458	476093.71, 3849080.61	4.76805	16.60046	12.32256	-0.0005851	-0.0020372	-0.0015122	-2.73E-04	-9.52E-04	-7.07E-04	-5.40E-04	-1.88E-03	-1.40E-03
1459	476093.71, 3849105.61	5.64936	19.14312	14.14413	-0.0006933	-0.0023492	-0.0017357	-3.24E-04	-1.10E-03	-8.11E-04	-6.40E-04	-2.17E-03	-1.60E-03
1460	476093.71, 3849130.61	6.93103	22.61726	16.90217	-0.0008506	-0.0027756	-0.0020742	-3.98E-04	-1.30E-03	-9.70E-04	-7.85E-04	-2.56E-03	-1.91E-03
1461	476093.71, 3849155.61	8.93738	28.29439	20.90729	-0.0010968	-0.0034722	-0.0025657	-5.13E-04	-1.62E-03	-1.20E-03	-1.01E-03	-3.21E-03	-2.37E-03
1462	476093.71, 3849180.61	12.39199	37.82839	28.37115	-0.0015207	-0.0046422	-0.0034817	-7.11E-04	-2.17E-03	-1.63E-03	-1.40E-03	-4.29E-03	-3.21E-03
1463	476118.71, 3848980.61	2.87602	10.35334	7.53657	-0.0003529	-0.0012705	-0.0009249	-1.65E-04	-5.94E-04	-4.32E-04	-3.26E-04	-1.17E-03	-8.54E-04
1464	476118.71, 3849005.61	3.16021	11.25927	8.36515	-0.0003878	-0.0013817	-0.0010266	-1.81E-04	-6.46E-04	-4.80E-04	-3.58E-04	-1.28E-03	-9.48E-04
1465	476118.71, 3849030.61	3.51917	12.45237	9.31615	-0.0004319	-0.0015281	-0.0011433	-2.02E-04	-7.14E-04	-5.34E-04	-3.99E-04	-1.41E-03	-1.06E-03
1466	476118.71, 3849055.61	3.9895	14.03109	10.42431	-0.0004896	-0.0017219	-0.0012793	-2.29E-04	-8.05E-04	-5.98E-04	-4.52E-04	-1.59E-03	-1.18E-03
1467	476118.71, 3849080.61	4.61573	15.99432	11.91841	-0.0005664	-0.0019628	-0.0014626	-2.65E-04	-9.17E-04	-6.84E-04	-5.23E-04	-1.81E-03	-1.35E-03
1468	476118.71, 3849105.61	5.47869	18.56768	13.85307	-0.0006723	-0.0022786	-0.0017	-3.14E-04	-1.07E-03	-7.95E-04	-6.21E-04	-2.10E-03	-1.57E-03
1469	476118.71, 3849130.61	6.68917	21.93678	16.39189	-0.0008209	-0.002692	-0.0020116	-3.84E-04	-1.26E-03	-9.40E-04	-7.58E-04	-2.48E-03	-1.86E-03
1470	476118.71, 3849155.61	8.58966	27.4403	20.35636	-0.0010541	-0.0033674	-0.0024981	-4.93E-04	-1.57E-03	-1.17E-03	-9.73E-04	-3.11E-03	-2.31E-03
1471	476118.71, 3849180.61	11.80644	36.57409	27.12892	-0.0014489	-0.0044883	-0.0033292	-6.77E-04	-2.10E-03	-1.56E-03	-1.34E-03	-4.14E-03	-3.07E-03

1472	476143.71, 3849005.61	3.0591	10.80717	7.94532	-0.0003754	-0.0013262	-0.000975	-1.75E-04	-6.20E-04	-4.56E-04	-3.47E-04	-1.22E-03	-9.00E-04
1473	476143.71, 3849030.61	3.41321	11.94384	8.93107	-0.0004189	-0.0014657	-0.001096	-1.96E-04	-6.85E-04	-5.12E-04	-3.87E-04	-1.35E-03	-1.01E-03
1474	476143.71, 3849055.61	3.86697	13.43226	10.16943	-0.0004745	-0.0016484	-0.001248	-2.22E-04	-7.70E-04	-5.83E-04	-4.38E-04	-1.52E-03	-1.15E-03
1475	476143.71, 3849080.61	4.46265	15.35456	11.48027	-0.0005476	-0.0018843	-0.0014088	-2.56E-04	-8.81E-04	-6.59E-04	-5.06E-04	-1.74E-03	-1.30E-03
1476	476143.71, 3849105.61	5.26971	17.76931	13.34169	-0.0006467	-0.0021806	-0.0016373	-3.02E-04	-1.02E-03	-7.65E-04	-5.97E-04	-2.01E-03	-1.51E-03
1477	476143.71, 3849130.61	6.44104	21.22218	15.98231	-0.0007904	-0.0026043	-0.0019613	-3.69E-04	-1.22E-03	-9.17E-04	-7.30E-04	-2.40E-03	-1.81E-03
1478	476143.71, 3849155.61	8.22563	26.42358	19.6781	-0.0010094	-0.0032427	-0.0024149	-4.72E-04	-1.52E-03	-1.13E-03	-9.32E-04	-2.99E-03	-2.23E-03
1479	476143.71, 3849180.61	11.25366	35.26167	26.01459	-0.001381	-0.0043273	-0.0031925	-6.46E-04	-2.02E-03	-1.49E-03	-1.27E-03	-3.99E-03	-2.95E-03
1480	476168.71, 3849005.61	2.96974	10.45765	7.69229	-0.0003644	-0.0012833	-0.000944	-1.70E-04	-6.00E-04	-4.41E-04	-3.36E-04	-1.18E-03	-8.71E-04
1481	476168.71, 3849030.61	3.31529	11.53107	8.6701	-0.0004068	-0.0014151	-0.001064	-1.90E-04	-6.61E-04	-4.97E-04	-3.76E-04	-1.31E-03	-9.82E-04
1482	476168.71, 3849055.61	3.74613	12.88756	9.80378	-0.0004597	-0.0015815	-0.0012031	-2.15E-04	-7.39E-04	-5.62E-04	-4.24E-04	-1.46E-03	-1.11E-03
1483	476168.71, 3849080.61	4.30922	14.66138	11.0676	-0.0005288	-0.0017992	-0.0013582	-2.47E-04	-8.41E-04	-6.35E-04	-4.88E-04	-1.66E-03	-1.25E-03
1484	476168.71, 3849105.61	5.07948	17.0979	12.8081	-0.0006233	-0.0020982	-0.0015718	-2.91E-04	-9.81E-04	-7.35E-04	-5.75E-04	-1.94E-03	-1.45E-03
1485	476168.71, 3849130.61	6.18564	20.46275	15.45974	-0.0007591	-0.0025112	-0.0018972	-3.55E-04	-1.17E-03	-8.87E-04	-7.01E-04	-2.32E-03	-1.75E-03
1486	476168.71, 3849155.61	7.80478	25.28913	18.83975	-0.0009578	-0.0031034	-0.002312	-4.48E-04	-1.45E-03	-1.08E-03	-8.84E-04	-2.86E-03	-2.13E-03
1487	476168.71, 3849180.61	10.6397	33.66104	24.70204	-0.0013057	-0.0041308	-0.0030314	-6.10E-04	-1.93E-03	-1.42E-03	-1.21E-03	-3.81E-03	-2.80E-03
1488	476193.71, 3849005.61	2.89541	10.16493	7.53604	-0.0003553	-0.0012474	-0.0009248	-1.66E-04	-5.83E-04	-4.32E-04	-3.28E-04	-1.15E-03	-8.54E-04
1489	476193.71, 3849030.61	3.22527	11.1937	8.42634	-0.0003958	-0.0013737	-0.0010341	-1.85E-04	-6.42E-04	-4.83E-04	-3.65E-04	-1.27E-03	-9.55E-04
1490	476193.71, 3849055.61	3.63495	12.43013	9.51639	-0.0004461	-0.0015254	-0.0011678	-2.09E-04	-7.13E-04	-5.46E-04	-4.12E-04	-1.41E-03	-1.08E-03
1491	476193.71, 3849080.61	4.16456	14.093	10.73036	-0.0005111	-0.0017295	-0.0013168	-2.39E-04	-8.08E-04	-6.15E-04	-4.72E-04	-1.60E-03	-1.22E-03
1492	476193.71, 3849105.61	4.88488	16.4016	12.30254	-0.0005995	-0.0020128	-0.0015097	-2.80E-04	-9.41E-04	-7.06E-04	-5.53E-04	-1.86E-03	-1.39E-03
1493	476193.71, 3849130.61	5.90458	19.57398	14.70067	-0.0007246	-0.0024021	-0.001804	-3.39E-04	-1.12E-03	-8.43E-04	-6.69E-04	-2.22E-03	-1.67E-03
1494	476193.71, 3849155.61	7.47032	24.31947	18.2084	-0.0009167	-0.0029844	-0.0022345	-4.28E-04	-1.39E-03	-1.04E-03	-8.46E-04	-2.75E-03	-2.06E-03
1495	476193.71, 3849180.61	10.03528	31.96278	23.49939	-0.0012315	-0.0039224	-0.0028838	-5.76E-04	-1.83E-03	-1.35E-03	-1.14E-03	-3.62E-03	-2.66E-03
1496	476218.71, 3849005.61	2.8245	9.87093	7.31664	-0.0003466	-0.0012113	-0.0008979	-1.62E-04	-5.66E-04	-4.20E-04	-3.20E-04	-1.12E-03	-8.29E-04
1497	476218.71, 3849030.61	3.1412	10.87143	8.164	-0.0003855	-0.0013341	-0.0010019	-1.80E-04	-6.24E-04	-4.68E-04	-3.56E-04	-1.23E-03	-9.25E-04
1498	476218.71, 3849055.61	3.5259	12.03952	9.17625	-0.0004327	-0.0014775	-0.0011261	-2.02E-04	-6.91E-04	-5.26E-04	-3.99E-04	-1.36E-03	-1.04E-03
1499	476218.71, 3849080.61	4.02251	13.61059	10.36159	-0.0004936	-0.0016703	-0.0012716	-2.31E-04	-7.81E-04	-5.94E-04	-4.56E-04	-1.54E-03	-1.17E-03
1500	476218.71, 3849105.61	4.69951	15.76844	11.83852	-0.0005767	-0.0019351	-0.0014528	-2.70E-04	-9.04E-04	-6.79E-04	-5.32E-04	-1.79E-03	-1.34E-03
1501	476218.71, 3849130.61	5.6759	18.84121	14.17055	-0.0006965	-0.0023122	-0.001739	-3.26E-04	-1.08E-03	-8.13E-04	-6.43E-04	-2.13E-03	-1.61E-03
1502	476218.71, 3849155.61	7.18106	23.52327	17.54956	-0.0008812	-0.0028867	-0.0021537	-4.12E-04	-1.35E-03	-1.01E-03	-8.13E-04	-2.66E-03	-1.99E-03
1503	476218.71, 3849180.61	9.54093	30.50618	22.6676	-0.0011708	-0.0037437	-0.0027817	-5.47E-04	-1.75E-03	-1.30E-03	-1.08E-03	-3.46E-03	-2.57E-03
1504	476243.71, 3849005.61	2.76408	9.60993	7.15272	-0.0003392	-0.0011793	-0.0008778	-1.59E-04	-5.51E-04	-4.10E-04	-3.13E-04	-1.09E-03	-8.10E-04
1505	476243.71, 3849030.61	3.06708	10.57406	7.97349	-0.0003764	-0.0012976	-0.0009785	-1.76E-04	-6.07E-04	-4.57E-04	-3.47E-04	-1.20E-03	-9.03E-04
1506	476243.71, 3849055.61	3.42996	11.68268	8.86827	-0.0004209	-0.0014337	-0.0010883	-1.97E-04	-6.70E-04	-5.09E-04	-3.89E-04	-1.32E-03	-1.00E-03
1507	476243.71, 3849080.61	3.90687	13.24638	10.05242	-0.0004794	-0.0016256	-0.0012336	-2.24E-04	-7.60E-04	-5.77E-04	-4.43E-04	-1.50E-03	-1.14E-03
1508	476243.71, 3849105.61	4.55047	15.3341	11.55537	-0.0005584	-0.0018818	-0.0014181	-2.61E-04	-8.80E-04	-6.63E-04	-5.15E-04	-1.74E-03	-1.31E-03
1509	476243.71, 3849130.61	5.48656	18.31382	13.75063	-0.0006733	-0.0022474	-0.0016875	-3.15E-04	-1.05E-03	-7.89E-04	-6.22E-04	-2.07E-03	-1.56E-03
1510	476243.71, 3849155.61	6.87827	22.68035	16.96202	-0.0008441	-0.0027833	-0.0020816	-3.95E-04	-1.30E-03	-9.73E-04	-7.79E-04	-2.57E-03	-1.92E-03
1511	476243.71, 3849180.61	9.02535	29.11783	21.64092	-0.0011076	-0.0035733	-0.0026557	-5.18E-04	-1.67E-03	-1.24E-03	-1.02E-03	-3.30E-03	-2.45E-03
1512	476268.71, 3849030.61	2.97903	10.2036	7.7793	-0.0003656	-0.0012522	-0.0009547	-1.71E-04	-5.85E-04	-4.46E-04	-3.37E-04	-1.16E-03	-8.81E-04
1513	476268.71, 3849055.61	3.32257	11.27809	8.64104	-0.0004077	-0.001384	-0.0010604	-1.91E-04	-6.47E-04	-4.96E-04	-3.76E-04	-1.28E-03	-9.79E-04
1514	476268.71, 3849080.61	3.78232	12.84389	9.74431	-0.0004642	-0.0015762	-0.0011958	-2.17E-04	-7.37E-04	-5.59E-04	-4.28E-04	-1.45E-03	-1.10E-03
1515	476268.71, 3849105.61	4.39457	14.87028	11.20596	-0.0005393	-0.0018249	-0.0013752	-2.52E-04	-8.53E-04	-6.43E-04	-4.98E-04	-1.68E-03	-1.27E-03
1516	476268.71, 3849130.61	5.26423	17.67258	13.27603	-0.000646	-0.0021687	-0.0016292	-3.02E-04	-1.01E-03	-7.62E-04	-5.96E-04	-2.00E-03	-1.50E-03
1517	476268.71, 3849155.61	6.54336	21.75339	16.30898	-0.000803	-0.0026695	-0.0020014	-3.75E-04	-1.25E-03	-9.35E-04	-7.41E-04	-2.46E-03	-1.85E-03
1518	476268.71, 3849180.61	8.53012	27.75694	20.72952	-0.0010468	-0.0034063	-0.0025439	-4.89E-04	-1.59E-03	-1.19E-03	-9.66E-04	-3.14E-03	-2.35E-03
1519	476268.71, 3849205.61	12.01161	37.52822	27.67413	-0.001474	-0.0046054	-0.0033961	-6.89E-04	-2.15E-03	-1.59E-03	-1.36E-03	-4.25E-03	-3.13E-03
1520	476293.71, 3849030.61	2.89456	9.9148	7.60179	-0.0003552	-0.0012167	-0.0009329	-1.66E-04	-5.69E-04	-4.36E-04	-3.28E-04	-1.12E-03	-8.61E-04
1521	476293.71, 3849055.61	3.23245	11.0049	8.47055	-0.0003967	-0.0013505	-0.0010395	-1.85E-04	-6.31E-04	-4.86E-04	-3.66E-04	-1.25E-03	-9.60E-04
1522	476293.71, 3849080.61	3.66176	12.47658	9.50003	-0.0004494	-0.0015311	-0.0011658	-2.10E-04	-7.16E-04	-5.45E-04	-4.15E-04	-1.41E-03	-1.08E-03
1523	476293.71, 3849105.61	4.25047	14.43434	10.96147	-0.0005216	-0.0017714	-0.0013452	-2.44E-04	-8.28E-04	-6.29E-04	-4.81E-04	-1.64E-03	-1.24E-03
1524	476293.71, 3849130.61	5.07922	17.14164	12.87528	-0.0006233	-0.0021036	-0.00158	-2.91E-04	-9.83E-04	-7.39E-04	-5.75E-04	-1.94E-03	-1.46E-03
1525	476293.71, 3849155.61	6.29196	21.09386	15.80314	-0.0007721	-0.0025886	-0.0019393	-3.61E-04	-1.21E-03	-9.06E-04	-7.13E-04	-2.39E-03	-1.79E-03
1526	476293.71, 3849180.61	8.06002	26.47768	19.81523	-0.0009891	-0.0032493	-0.0024317	-4.62E-04	-1.52E-03	-1.14E-03	-9.13E-04	-3.00E-03	-2.24E-03
1527	476293.71, 3849205.61	11.10885	35.20062	25.99807	-0.0013633	-0.0043198	-0.0031904	-6.37E-04	-2.02E-03	-1.49E-03	-1.26E-03	-3.99E-03	-2.95E-03
1528	476318.71, 3849030.61	2.82576	9.7233	7.46832	-0.0003468	-0.0011932	-0.0009165	-1.62E-04	-5.58E-04	-4.28E-04	-3.20E-04	-1.10E-03	-8.46E-04
1529	476318.71, 3849055.61	3.15952	10.82564	8.31265	-0.0003877	-0.0013285	-0.0010201	-1.81E-04	-6.21E-04	-4.77E-04	-3.58E-04	-1.23E-03	-9.42E-04
1530	476318.71, 3849080.61	3.57903	12.27707	9.37935	-0.0004392	-0.0015066	-0.001151	-2.05E-04	-7.04E-04	-5.38E-04	-4.05E-04	-1.39E-03	-1.06E-03
1531	476318.71, 3849105.61	4.1335	14.12352	10.76285	-0.0005073	-0.0017332	-0.0013208	-2.37E-04	-8.10E-04	-6.17E-04	-4.68E-04	-1.60E-03	-1.22E-03
1532	476318.71, 3849130.61	4.90785	16.69508	12.52299	-0.0006023	-0.0020488	-0.0015368	-2.82E-04	-9.58E-04	-7.18E-04	-5.56E-04	-1.89E-03	-1.42E-03
1533	476318.71, 3849155.61	6.01485	20.34059	15.23184	-0.0007381	-0.0024962	-0.0018692	-3.45E-04	-1.17E-03	-8.74E-04	-6.81E-04	-2.30E-03	-1.73E-03
1534	476318.71, 3849180.61	7.58244	25.2212	18.86386	-0.0009305	-0.0030951	-0.0023149	-4.35E-04	-1.45E-03	-1.08E-03	-8.59E-04	-2.86E-03	-2.14E-03
1535	476318.71, 3849205.61	10.20723	32.91579	24.45464	-0.0012526	-0.0040394	-0.003001	-5.85E-04	-1.89E-03	-1.40E-03	-1.16E-03	-3.73E-03	-2.77E-03
1536	476343.71, 3849030.61	2.78947	9.66968	7.42863	-0.0003423	-0.0011866	-0.0009116	-1.60E-04	-5.55E-04	-4.26E-04	-3.16E-04	-1.10E-03	-8.42E-04
1537	476343.71, 3849055.61	3.11174	10.76347	8.26875	-0.0003819	-0.0013209	-0.0010147	-1.78E-04	-6.17E-04	-4.74E-04	-3.52E-04	-1.22E-03	-9.37E-04
1538	476343.71, 3849080.61	3.50898	12.13118	9.27984	-0.0004306	-0.0014887	-0.0011388	-2.01E-04	-6.96E-04	-5.32E-04	-3.97E-04	-1.37E-03	-1.05E-03
1539	476343.71, 3849105.61	4.01345	13.82145	10.53287	-0.0004925	-0.0016961	-0.0012926	-2.30E-04	-7.93E-04	-6.04E-04	-4.55E-04	-1.57E-03	-1.19E-03
1540	476343.71, 3849130.61	4.70723	16.16322	12.0625	-0.0005777	-0.0019835	-0.0014803	-2.70E-04	-9.27E-04	-6.92E-04	-5.33E-04	-1.83E-03	-1.37E-03
1541	476343.71, 3849155.61	5.7204	19.54296	14.6324	-0.000702	-0.0023983	-0.0017957	-3.28E-04	-1.12E-03	-8.39E-04	-6.48E-04	-2.21E-03	-1.66E-03
1542	476343.71, 3849180.61	7.15434	24.1092	18.00997	-0.000878	-0.0029586	-0.0022102	-4.10E-04	-1.38E-03	-1.03E-03	-8.10E-04	-2.73E-03	-2.04E-03
1543	476343.71, 3849205.61	9.41974	30.88562	22.93488	-0.001156	-0.0037902	-0.0028145	-5.40E-04	-1.77E-03	-1.32E-03	-1.07E-03	-3.50E-03	-2.60E-03
1544	476343.71, 3849230.61	13.49399	42.37351	31.26098	-0.001656	-0.0052	-0.0038363	-7.74E-04	-2.43E-03	-1.79E-03	-1.53E-03	-4.80E-03	-3.54E-03
1545	476368.71, 3849030.61	2.74062	9.56247	7.35702	-0.0003363	-0.0011735	-0.0009028	-1.57E-04	-5.49E-04	-4.22E-04	-3.10E-04	-1.08E-03	-8.33E-04
1546	476368.71, 3849055.61	3.03764	10.56194	8.13723	-0.0003728	-0.0012961	-0.0009986	-1.74E-04	-6.06E-04	-4.67E-04	-3.44E-04	-1.20E-03	-9.22E-04
1547	476368.71, 3849080.61	3.38907	11.76008	8.99973	-0.0004159	-0.0014432	-0.0011044	-1.94E-04	-6.75E-04	-5.16E-04	-3.84E-04	-1.33E-03	-1.02E-03
1548	476368.71, 3849105.61	3.81866	13.19061	9.99978	-0.0004686	-0.0016187	-0.0012272	-2.19E-04	-7.57E-04	-5.74E-04	-4.33E-04	-1.49E-03	-1.13E-03
1549	476368.71, 3849130.61	4.41541	15.2479	11.3469	-0.0005419	-0.0018712	-0.0013925	-2.53E-04	-8.75E-04	-6.51E-04	-5.00E-04	-1.73E-03	-1.29E-03
1550	476368.71, 3849155.61	5.4004	18.6272	13.90072	-0.0006627	-0.0022859	-0.0017059	-3.10E-04	-1.07E-03	-7.97E-04	-6.12E-04	-2.11E-03	-1.57E-03
1551	476368.71, 3849180.61	6.75047	23.13024	17.24265	-0.0008284	-0.0028385	-0.002116	-3.87E-04	-1.33E-03	-9.89E-04	-7.65E-04	-2.62E-03	-1.95E-03
1552	476368.71, 3849205.61	8.70038	29.14483	21.32008	-0.0010677	-0.0035766	-0.0026164	-4.99E-04	-1.67E-03	-1.22E-03	-9.86E-04	-3.30E-03	-2.42E-03
1553	476368.71, 3849230.61	11.99302	38.5563	28.32391	-0.0014718	-0.0047316	-0.0034759	-6.88E-04	-2.21E-03	-1.62E-03	-1.36E-03	-4.37E-03	-3.21E-03

1554	473295.03, 3846699.23	0.0484	0.81391	0.35021	-5.94E-06	-9.988E-05	-4.298E-05	-2.78E-06	-4.67E-05	-2.01E-05	-5.48E-06	-9.22E-05	-3.97E-05
1555	473295.03, 3846749.23	0.05404	0.88827	0.39698	-6.632E-06	-0.000109	-4.872E-05	-3.10E-06	-5.10E-05	-2.28E-05	-6.12E-06	-1.01E-04	-4.50E-05
1556	473295.03, 3846799.23	0.05897	0.94388	0.42975	-7.237E-06	-0.0001158	-5.274E-05	-3.38E-06	-5.41E-05	-2.47E-05	-6.68E-06	-1.07E-04	-4.87E-05
1557	473295.03, 3846849.23	0.0661	1.03077	0.47114	-8.112E-06	-0.0001265	-5.782E-05	-3.79E-06	-5.91E-05	-2.70E-05	-7.49E-06	-1.17E-04	-5.34E-05
1558	473295.03, 3846899.23	0.07327	1.13457	0.5144	-8.992E-06	-0.0001392	-6.313E-05	-4.20E-06	-6.51E-05	-2.95E-05	-8.30E-06	-1.29E-04	-5.83E-05
1559	473295.03, 3846949.23	0.08156	1.26112	0.57357	-1.001E-05	-0.0001548	-7.039E-05	-4.68E-06	-7.23E-05	-3.29E-05	-9.24E-06	-1.43E-04	-6.50E-05
1560	473295.03, 3846999.23	0.09039	1.38774	0.63258	-1.109E-05	-0.0001703	-7.763E-05	-5.18E-06	-7.96E-05	-3.63E-05	-1.02E-05	-1.57E-04	-7.17E-05
1561	473295.03, 3847049.23	0.09776	1.4503	0.64979	-1.2E-05	-0.000178	-7.974E-05	-5.61E-06	-8.32E-05	-3.73E-05	-1.11E-05	-1.64E-04	-7.36E-05
1562	473295.03, 3847099.23	0.10588	1.50751	0.69754	-1.299E-05	-0.000185	-8.56E-05	-6.07E-06	-8.65E-05	-4.00E-05	-1.20E-05	-1.71E-04	-7.90E-05
1563	473295.03, 3847149.23	0.11557	1.55832	0.75524	-1.418E-05	-0.0001912	-9.268E-05	-6.63E-06	-8.94E-05	-4.33E-05	-1.31E-05	-1.77E-04	-8.56E-05
1564	473295.03, 3847199.23	0.13084	1.64271	0.86463	-1.606E-05	-0.0002016	-0.0001061	-7.50E-06	-9.42E-05	-4.96E-05	-1.48E-05	-1.86E-04	-9.79E-05
1565	473345.03, 3846699.23	0.04856	0.83137	0.34117	-5.959E-06	-0.000102	-4.187E-05	-2.79E-06	-4.77E-05	-1.96E-05	-5.50E-06	-9.42E-05	-3.86E-05
1566	473345.03, 3846749.23	0.05301	0.89129	0.37653	-6.505E-06	-0.0001094	-4.621E-05	-3.04E-06	-5.11E-05	-2.16E-05	-6.00E-06	-1.01E-04	-4.27E-05
1567	473345.03, 3846799.23	0.05802	0.95184	0.41594	-7.12E-06	-0.0001168	-5.104E-05	-3.33E-06	-5.46E-05	-2.39E-05	-6.57E-06	-1.08E-04	-4.71E-05
1568	473345.03, 3846849.23	0.06499	1.03451	0.46272	-7.975E-06	-0.000127	-5.678E-05	-3.73E-06	-5.93E-05	-2.65E-05	-7.36E-06	-1.17E-04	-5.24E-05
1569	473345.03, 3846899.23	0.07122	1.08893	0.49319	-8.74E-06	-0.0001336	-6.052E-05	-4.09E-06	-6.25E-05	-2.83E-05	-8.07E-06	-1.23E-04	-5.59E-05
1570	473345.03, 3846949.23	0.07952	1.19451	0.54817	-9.759E-06	-0.0001466	-6.727E-05	-4.56E-06	-6.85E-05	-3.14E-05	-9.01E-06	-1.35E-04	-6.21E-05
1571	473345.03, 3846999.23	0.08984	1.34103	0.61405	-1.103E-05	-0.0001646	-7.536E-05	-5.15E-06	-7.69E-05	-3.52E-05	-1.02E-05	-1.52E-04	-6.96E-05
1572	473345.03, 3847049.23	0.09905	1.45811	0.66154	-1.216E-05	-0.0001789	-8.118E-05	-5.68E-06	-8.36E-05	-3.79E-05	-1.12E-05	-1.65E-04	-7.49E-05
1573	473345.03, 3847099.23	0.10818	1.53031	0.68792	-1.328E-05	-0.0001878	-8.442E-05	-6.21E-06	-8.78E-05	-3.95E-05	-1.23E-05	-1.73E-04	-7.79E-05
1574	473345.03, 3847149.23	0.12203	1.66238	0.77319	-1.498E-05	-0.000204	-9.488E-05	-7.00E-06	-9.54E-05	-4.44E-05	-1.38E-05	-1.88E-04	-8.76E-05
1575	473345.03, 3847199.23	0.133	1.7035	0.82156	-1.632E-05	-0.0002091	-0.0001008	-7.63E-06	-9.77E-05	-4.71E-05	-1.51E-05	-1.93E-04	-9.31E-05
1576	473395.03, 3846699.23	0.04769	0.81539	0.32946	-5.852E-06	-0.0001001	-4.043E-05	-2.74E-06	-4.68E-05	-1.89E-05	-5.40E-06	-9.24E-05	-3.73E-05
1577	473395.03, 3846749.23	0.05248	0.88555	0.35807	-6.44E-06	-0.0001087	-4.394E-05	-3.01E-06	-5.08E-05	-2.05E-05	-5.94E-06	-1.00E-04	-4.06E-05
1578	473395.03, 3846799.23	0.05848	0.96812	0.40829	-7.177E-06	-0.0001188	-5.01E-05	-3.35E-06	-5.55E-05	-2.34E-05	-6.62E-06	-1.10E-04	-4.63E-05
1579	473395.03, 3846849.23	0.06416	1.03393	0.44768	-7.874E-06	-0.0001269	-5.494E-05	-3.68E-06	-5.93E-05	-2.57E-05	-7.27E-06	-1.17E-04	-5.07E-05
1580	473395.03, 3846899.23	0.07121	1.10964	0.48982	-8.739E-06	-0.0001362	-6.011E-05	-4.08E-06	-6.36E-05	-2.81E-05	-8.07E-06	-1.26E-04	-5.55E-05
1581	473395.03, 3846949.23	0.07917	1.18349	0.53296	-9.716E-06	-0.0001452	-6.54E-05	-4.54E-06	-6.79E-05	-3.06E-05	-8.97E-06	-1.34E-04	-6.04E-05
1582	473395.03, 3846999.23	0.0885	1.29162	0.59436	-1.086E-05	-0.0001585	-7.294E-05	-5.08E-06	-7.41E-05	-3.41E-05	-1.00E-05	-1.46E-04	-6.73E-05
1583	473395.03, 3847049.23	0.09903	1.40873	0.64546	-1.215E-05	-0.0001729	-7.921E-05	-5.68E-06	-8.08E-05	-3.70E-05	-1.12E-05	-1.60E-04	-7.31E-05
1584	473395.03, 3847099.23	0.10986	1.53623	0.69822	-1.348E-05	-0.0001885	-8.568E-05	-6.30E-06	-8.81E-05	-4.00E-05	-1.24E-05	-1.74E-04	-7.91E-05
1585	473395.03, 3847149.23	0.11933	1.60651	0.71554	-1.464E-05	-0.0001971	-8.781E-05	-6.84E-06	-9.21E-05	-4.10E-05	-1.35E-05	-1.82E-04	-8.11E-05
1586	473395.03, 3847199.23	0.14126	1.82836	0.84129	-1.734E-05	-0.0002244	-0.0001032	-8.10E-06	-1.05E-04	-4.83E-05	-1.60E-05	-2.07E-04	-9.53E-05
1587	473395.03, 3847249.23	0.17018	2.08725	1.03987	-2.088E-05	-0.0002561	-0.0001276	-9.76E-06	-1.20E-04	-5.96E-05	-1.93E-05	-2.36E-04	-1.18E-04
1588	473445.03, 3846699.23	0.04905	0.82714	0.33521	-6.019E-06	-0.0001015	-4.114E-05	-2.81E-06	-4.74E-05	-1.92E-05	-5.56E-06	-9.37E-05	-3.80E-05
1589	473445.03, 3846749.23	0.05405	0.90383	0.36965	-6.633E-06	-0.0001109	-4.536E-05	-3.10E-06	-5.18E-05	-2.12E-05	-6.12E-06	-1.02E-04	-4.19E-05
1590	473445.03, 3846799.23	0.05927	0.97602	0.41407	-7.274E-06	-0.0001198	-5.081E-05	-3.40E-06	-5.60E-05	-2.38E-05	-6.71E-06	-1.11E-04	-4.69E-05
1591	473445.03, 3846849.23	0.06521	1.05084	0.45834	-8.002E-06	-0.000129	-5.625E-05	-3.74E-06	-6.03E-05	-2.63E-05	-7.39E-06	-1.19E-04	-5.19E-05
1592	473445.03, 3846899.23	0.07047	1.10328	0.48398	-8.648E-06	-0.0001354	-5.939E-05	-4.04E-06	-6.33E-05	-2.78E-05	-7.98E-06	-1.25E-04	-5.48E-05
1593	473445.03, 3846949.23	0.07784	1.17786	0.51613	-9.552E-06	-0.0001445	-6.334E-05	-4.46E-06	-6.76E-05	-2.96E-05	-8.82E-06	-1.33E-04	-5.85E-05
1594	473445.03, 3846999.23	0.08712	1.26352	0.5863	-1.069E-05	-0.0001551	-7.195E-05	-5.00E-06	-7.25E-05	-3.36E-05	-9.87E-06	-1.43E-04	-6.64E-05
1595	473445.03, 3847049.23	0.09814	1.38294	0.63837	-1.204E-05	-0.0001697	-7.834E-05	-5.63E-06	-7.93E-05	-3.66E-05	-1.11E-05	-1.57E-04	-7.23E-05
1596	473445.03, 3847099.23	0.10959	1.48979	0.68481	-1.345E-05	-0.0001828	-8.404E-05	-6.29E-06	-8.55E-05	-3.93E-05	-1.24E-05	-1.69E-04	-7.76E-05
1597	473445.03, 3847149.23	0.12361	1.62986	0.73862	-1.517E-05	-0.0002	-9.064E-05	-7.09E-06	-9.35E-05	-4.24E-05	-1.40E-05	-1.85E-04	-8.37E-05
1598	473445.03, 3847199.23	0.14204	1.78946	0.83241	-1.743E-05	-0.0002196	-0.0001022	-8.15E-06	-1.03E-04	-4.77E-05	-1.61E-05	-2.03E-04	-9.43E-05
1599	473445.03, 3847249.23	0.17816	2.1625	1.02527	-2.186E-05	-0.0002654	-0.0001258	-1.02E-05	-1.24E-04	-5.88E-05	-2.02E-05	-2.45E-04	-1.16E-04
1600	473495.03, 3846699.23	0.05126	0.84463	0.35346	-6.291E-06	-0.0001037	-4.338E-05	-2.94E-06	-4.84E-05	-2.03E-05	-5.81E-06	-9.57E-05	-4.00E-05
1601	473495.03, 3846749.23	0.05536	0.90905	0.38153	-6.794E-06	-0.0001116	-4.682E-05	-3.18E-06	-5.21E-05	-2.19E-05	-6.27E-06	-1.03E-04	-4.32E-05
1602	473495.03, 3846799.23	0.06004	0.97664	0.41387	-7.368E-06	-0.0001199	-5.079E-05	-3.44E-06	-5.60E-05	-2.37E-05	-6.80E-06	-1.11E-04	-4.69E-05
1603	473495.03, 3846849.23	0.06594	1.05563	0.45662	-8.092E-06	-0.0001295	-5.604E-05	-3.78E-06	-6.06E-05	-2.62E-05	-7.47E-06	-1.20E-04	-5.17E-05
1604	473495.03, 3846899.23	0.07223	1.12926	0.50365	-8.864E-06	-0.0001386	-6.181E-05	-4.14E-06	-6.48E-05	-2.89E-05	-8.18E-06	-1.28E-04	-5.71E-05
1605	473495.03, 3846949.23	0.07871	1.19128	0.5336	-9.659E-06	-0.0001462	-6.548E-05	-4.51E-06	-6.83E-05	-3.06E-05	-8.92E-06	-1.35E-04	-6.04E-05
1606	473495.03, 3846999.23	0.08722	1.2671	0.56396	-1.07E-05	-0.0001555	-6.921E-05	-5.00E-06	-7.27E-05	-3.23E-05	-9.88E-06	-1.44E-04	-6.39E-05
1607	473495.03, 3847049.23	0.09572	1.32024	0.60973	-1.175E-05	-0.000162	-7.483E-05	-5.49E-06	-7.57E-05	-3.50E-05	-1.08E-05	-1.50E-04	-6.91E-05
1608	473495.03, 3847099.23	0.10836	1.43639	0.67888	-1.33E-05	-0.0001763	-8.331E-05	-6.22E-06	-8.24E-05	-3.89E-05	-1.23E-05	-1.63E-04	-7.69E-05
1609	473495.03, 3847149.23	0.12413	1.57987	0.74549	-1.523E-05	-0.0001939	-9.149E-05	-7.12E-06	-9.06E-05	-4.28E-05	-1.41E-05	-1.79E-04	-8.44E-05
1610	473495.03, 3847199.23	0.1417	1.72333	0.79155	-1.739E-05	-0.0002115	-9.714E-05	-8.13E-06	-9.89E-05	-4.54E-05	-1.61E-05	-1.95E-04	-8.97E-05
1611	473495.03, 3847249.23	0.17104	1.95342	0.91148	-2.099E-05	-0.0002397	-0.0001119	-9.81E-06	-1.12E-04	-5.23E-05	-1.94E-05	-2.21E-04	-1.03E-04
1612	473495.03, 3847299.23	0.21692	2.25955	1.09972	-2.662E-05	-0.0002773	-0.000135	-1.24E-05	-1.30E-04	-6.31E-05	-2.46E-05	-2.56E-04	-1.25E-04
1613	473545.03, 3846699.23	0.0532	0.84987	0.36526	-6.529E-06	-0.0001043	-4.482E-05	-3.05E-06	-4.87E-05	-2.10E-05	-6.03E-06	-9.63E-05	-4.14E-05
1614	473545.03, 3846749.23	0.05657	0.90415	0.38098	-6.942E-06	-0.000111	-4.675E-05	-3.24E-06	-5.19E-05	-2.19E-05	-6.41E-06	-1.02E-04	-4.32E-05
1615	473545.03, 3846799.23	0.06152	0.97861	0.41033	-7.55E-06	-0.0001201	-5.036E-05	-3.53E-06	-5.61E-05	-2.35E-05	-6.97E-06	-1.11E-04	-4.65E-05
1616	473545.03, 3846849.23	0.06606	1.03702	0.4378	-8.107E-06	-0.0001273	-5.373E-05	-3.79E-06	-5.95E-05	-2.51E-05	-7.48E-06	-1.17E-04	-4.96E-05
1617	473545.03, 3846899.23	0.07284	1.11985	0.48052	-8.939E-06	-0.0001374	-5.897E-05	-4.18E-06	-6.42E-05	-2.76E-05	-8.25E-06	-1.27E-04	-5.44E-05
1618	473545.03, 3846949.23	0.08019	1.19626	0.53103	-9.841E-06	-0.0001468	-6.517E-05	-4.60E-06	-6.86E-05	-3.05E-05	-9.08E-06	-1.36E-04	-6.02E-05
1619	473545.03, 3846999.23	0.08807	1.26311	0.5757	-1.081E-05	-0.000155	-7.065E-05	-5.05E-06	-7.25E-05	-3.30E-05	-9.98E-06	-1.43E-04	-6.52E-05
1620	473545.03, 3847049.23	0.09804	1.33848	0.61872	-1.203E-05	-0.0001643	-7.593E-05	-5.62E-06	-7.68E-05	-3.55E-05	-1.11E-05	-1.52E-04	-7.01E-05
1621	473545.03, 3847099.23	0.10754	1.37944	0.65748	-1.32E-05	-0.0001693	-8.068E-05	-6.17E-06	-7.91E-05	-3.77E-05	-1.22E-05	-1.56E-04	-7.45E-05
1622	473545.03, 3847149.23	0.12492	1.54271	0.73561	-1.533E-05	-0.0001893	-9.027E-05	-7.17E-06	-8.85E-05	-4.22E-05	-1.42E-05	-1.75E-04	-8.33E-05
1623	473545.03, 3847199.23	0.14501	1.68065	0.79759	-1.78E-05	-0.0002062	-9.788E-05	-8.32E-06	-9.64E-05	-4.57E-05	-1.64E-05	-1.90E-04	-9.04E-05
1624	473545.03, 3847249.23	0.1669	1.77516	0.83852	-2.048E-05	-0.0002178	-0.0001029	-9.57E-06	-1.02E-04	-4.81E-05	-1.89E-05	-2.01E-04	-9.50E-05
1625	473545.03, 3847299.23	0.22274	2.15324	1.04212	-2.733E-05	-0.0002642	-0.0001279	-1.28E-05	-1.24E-04	-5.98E-05	-2.52E-05	-2.44E-04	-1.18E-04
1626	473595.03, 3846699.23	0.05503	0.84515	0.37761	-6.753E-06	-0.0001037	-4.634E-05	-3.16E-06	-4.85E-05	-2.17E-05	-6.23E-06	-9.57E-05	-4.28E-05
1627	473595.03, 3846749.23	0.05854	0.89974	0.39797	-7.184E-06	-0.0001104	-4.884E-05	-3.36E-06	-5.16E-05	-2.28E-05	-6.63E-06	-1.02E-04	-4.51E-05
1628	473595.03, 3846799.23	0.0627	0.96005	0.41675	-7.694E-06	-0.0001178	-5.114E-05	-3.60E-06	-5.51E-05	-2.39E-05	-7.10E-06	-1.09E-04	-4.72E-05
1629	473595.03, 3846849.23	0.06861	1.04089	0.44698	-8.42E-06	-0.0001277	-5.485E-05	-3.94E-06	-5.97E-05	-2.56E-05	-7.77E-06	-1.18E-04	-5.06E-05
1630	473595.03, 3846899.23	0.07359	1.09689	0.47374	-9.031E-06	-0.0001346	-5.814E-05	-4.22E-06	-6.29E-05	-2.72E-05	-8.34E-06	-1.24E-04	-5.37E-05
1631	473595.03, 3846949.23	0.08202	1.19182	0.52071	-1.007E-05	-0.0001463	-6.39E-05	-4.70E-06	-6.84E-05	-2.99E-05	-9.29E-06	-1.35E-04	-5.90E-05
1632	473595.03, 3846999.23	0.08884	1.24321	0.5703	-1.09E-05	-0.0001526	-6.999E-05	-5.10E-06	-7.13E-05	-3.27E-05	-1.01E-05	-1.41E-04	-6.46E-05
1633	473595.03, 3847049.23	0.09853	1.31266	0.61301	-1.209E-05	-0.0001611	-7.523E-05	-5.65E-06	-7.53E-05	-3.52E-05	-1.12E-05	-1.49E-04	-6.94E-05
1634	473595.03, 3847099.23	0.11074	1.38634	0.67847	-1.359E-05	-0.0001701	-8.326E-05	-6.35E-06	-7.95E-05	-3.89E-05	-1.25E-05	-1.57E-04	-7.69E-05
1635	473595.03, 3847149.23	0.12464	1.46334	0.71303	-1.53E-05	-0.0001796	-8.75E-05	-7.15E-06	-8.39E-05	-4.09E-05	-1.41E-05	-1.66E-04	-8.08E-05

1636	473595.03, 3847199.23	0.14688	1.61583	0.79096	-1.802E-05	-0.0001983	-9.707E-05	-8.43E-06	-9.27E-05	-4.54E-05	-1.66E-05	-1.83E-04	-8.96E-05
1637	473595.03, 3847249.23	0.17663	1.7607	0.8631	-2.168E-05	-0.0002161	-0.0001059	-1.01E-05	-1.01E-04	-4.95E-05	-2.00E-05	-1.99E-04	-9.78E-05
1638	473595.03, 3847299.23	0.226	1.97479	0.99452	-2.773E-05	-0.0002423	-0.000122	-1.30E-05	-1.13E-04	-5.70E-05	-2.56E-05	-2.24E-04	-1.13E-04
1639	473645.03, 3846699.23	0.05676	0.83201	0.38179	-6.965E-06	-0.0001021	-4.685E-05	-3.26E-06	-4.77E-05	-2.19E-05	-6.43E-06	-9.42E-05	-4.32E-05
1640	473645.03, 3846749.23	0.06058	0.88636	0.40131	-7.434E-06	-0.0001088	-4.925E-05	-3.47E-06	-5.08E-05	-2.30E-05	-6.86E-06	-1.00E-04	-4.55E-05
1641	473645.03, 3846799.23	0.06508	0.94884	0.43342	-7.987E-06	-0.0001164	-5.319E-05	-3.73E-06	-5.44E-05	-2.49E-05	-7.37E-06	-1.07E-04	-4.91E-05
1642	473645.03, 3846849.23	0.07106	1.02888	0.47709	-8.72E-06	-0.0001263	-5.855E-05	-4.08E-06	-5.90E-05	-2.74E-05	-8.05E-06	-1.17E-04	-5.40E-05
1643	473645.03, 3846899.23	0.07684	1.09731	0.50433	-9.43E-06	-0.0001347	-6.189E-05	-4.41E-06	-6.29E-05	-2.89E-05	-8.70E-06	-1.24E-04	-5.71E-05
1644	473645.03, 3846949.23	0.08458	1.18063	0.54385	-1.038E-05	-0.0001449	-6.674E-05	-4.85E-06	-6.77E-05	-3.12E-05	-9.58E-06	-1.34E-04	-6.16E-05
1645	473645.03, 3846999.23	0.09247	1.24714	0.57757	-1.135E-05	-0.000153	-7.088E-05	-5.30E-06	-7.15E-05	-3.31E-05	-1.05E-05	-1.41E-04	-6.54E-05
1646	473645.03, 3847049.23	0.10135	1.30366	0.6081	-1.244E-05	-0.00016	-7.463E-05	-5.81E-06	-7.48E-05	-3.49E-05	-1.15E-05	-1.48E-04	-6.89E-05
1647	473645.03, 3847099.23	0.1126	1.36257	0.65207	-1.382E-05	-0.0001672	-8.002E-05	-6.46E-06	-7.82E-05	-3.74E-05	-1.28E-05	-1.54E-04	-7.39E-05
1648	473645.03, 3847149.23	0.12732	1.42588	0.71062	-1.562E-05	-0.000175	-8.721E-05	-7.30E-06	-8.18E-05	-4.08E-05	-1.44E-05	-1.62E-04	-8.05E-05
1649	473645.03, 3847199.23	0.14985	1.54501	0.78945	-1.839E-05	-0.0001896	-9.688E-05	-8.60E-06	-8.86E-05	-4.53E-05	-1.70E-05	-1.75E-04	-8.94E-05
1650	473645.03, 3847249.23	0.18408	1.70285	0.87099	-2.259E-05	-0.000209	-0.0001069	-1.06E-05	-9.77E-05	-5.00E-05	-2.09E-05	-1.93E-04	-9.87E-05
1651	473645.03, 3847299.23	0.23771	1.8811	1.00545	-2.917E-05	-0.0002308	-0.0001234	-1.36E-05	-1.08E-04	-5.77E-05	-2.69E-05	-2.13E-04	-1.14E-04
1652	473645.03, 3847349.23	0.35565	2.43427	1.33471	-4.364E-05	-0.0002987	-0.0001638	-2.04E-05	-1.40E-04	-7.66E-05	-4.03E-05	-2.76E-04	-1.51E-04
1653	473695.03, 3846699.23	0.05876	0.82085	0.38961	-7.211E-06	-0.0001007	-4.781E-05	-3.37E-06	-4.71E-05	-2.23E-05	-6.66E-06	-9.30E-05	-4.41E-05
1654	473695.03, 3846749.23	0.06279	0.87224	0.40658	-7.705E-06	-0.000107	-4.989E-05	-3.60E-06	-5.00E-05	-2.33E-05	-7.11E-06	-9.88E-05	-4.61E-05
1655	473695.03, 3846799.23	0.06767	0.9341	0.43779	-8.304E-06	-0.0001146	-5.372E-05	-3.88E-06	-5.36E-05	-2.51E-05	-7.67E-06	-1.06E-04	-4.96E-05
1656	473695.03, 3846849.23	0.07357	1.00662	0.47506	-9.028E-06	-0.0001235	-5.83E-05	-4.22E-06	-5.77E-05	-2.72E-05	-8.33E-06	-1.14E-04	-5.38E-05
1657	473695.03, 3846899.23	0.07962	1.07474	0.51957	-9.771E-06	-0.0001319	-6.376E-05	-4.57E-06	-6.16E-05	-2.98E-05	-9.02E-06	-1.22E-04	-5.89E-05
1658	473695.03, 3846949.23	0.08779	1.16035	0.55591	-1.077E-05	-0.0001424	-6.822E-05	-5.04E-06	-6.66E-05	-3.19E-05	-9.94E-06	-1.31E-04	-6.30E-05
1659	473695.03, 3846999.23	0.09606	1.23122	0.57729	-1.179E-05	-0.0001511	-7.084E-05	-5.51E-06	-7.06E-05	-3.31E-05	-1.09E-05	-1.39E-04	-6.54E-05
1660	473695.03, 3847049.23	0.10561	1.29713	0.61311	-1.296E-05	-0.0001592	-7.524E-05	-6.06E-06	-7.44E-05	-3.52E-05	-1.20E-05	-1.47E-04	-6.95E-05
1661	473695.03, 3847099.23	0.11811	1.36995	0.65682	-1.449E-05	-0.0001681	-8.06E-05	-6.77E-06	-7.86E-05	-3.77E-05	-1.34E-05	-1.55E-04	-7.44E-05
1662	473695.03, 3847149.23	0.13385	1.43624	0.69951	-1.643E-05	-0.0001763	-8.584E-05	-7.68E-06	-8.24E-05	-4.01E-05	-1.52E-05	-1.63E-04	-7.92E-05
1663	473695.03, 3847199.23	0.15626	1.50487	0.75723	-1.918E-05	-0.0001847	-9.293E-05	-8.96E-06	-8.63E-05	-4.34E-05	-1.77E-05	-1.70E-04	-8.58E-05
1664	473695.03, 3847249.23	0.1924	1.63008	0.868	-2.361E-05	-0.0002	-0.0001065	-1.10E-05	-9.35E-05	-4.98E-05	-2.18E-05	-1.85E-04	-9.83E-05
1665	473695.03, 3847299.23	0.24763	1.77887	0.98576	-3.039E-05	-0.0002183	-0.000121	-1.42E-05	-1.02E-04	-5.65E-05	-2.81E-05	-2.02E-04	-1.12E-04
1666	473695.03, 3847349.23	0.36103	2.21779	1.23981	-4.43E-05	-0.0002722	-0.0001521	-2.07E-05	-1.27E-04	-7.11E-05	-4.09E-05	-2.51E-04	-1.40E-04
1667	473745.03, 3846699.23	0.05971	0.79718	0.39693	-7.328E-06	-9.783E-05	-4.871E-05	-3.42E-06	-4.57E-05	-2.28E-05	-6.76E-06	-9.03E-05	-4.50E-05
1668	473745.03, 3846749.23	0.06447	0.85084	0.42321	-7.912E-06	-0.0001044	-5.194E-05	-3.70E-06	-4.88E-05	-2.43E-05	-7.30E-06	-9.64E-05	-4.79E-05
1669	473745.03, 3846799.23	0.06979	0.90992	0.44699	-8.565E-06	-0.0001117	-5.485E-05	-4.00E-06	-5.22E-05	-2.56E-05	-7.91E-06	-1.03E-04	-5.06E-05
1670	473745.03, 3846849.23	0.07618	0.97957	0.47982	-9.349E-06	-0.0001202	-5.888E-05	-4.37E-06	-5.62E-05	-2.75E-05	-8.63E-06	-1.11E-04	-5.44E-05
1671	473745.03, 3846899.23	0.08255	1.04428	0.51316	-1.013E-05	-0.0001282	-6.297E-05	-4.74E-06	-5.99E-05	-2.94E-05	-9.35E-06	-1.18E-04	-5.81E-05
1672	473745.03, 3846949.23	0.09089	1.12552	0.56024	-1.115E-05	-0.0001381	-6.875E-05	-5.21E-06	-6.46E-05	-3.21E-05	-1.03E-05	-1.27E-04	-6.35E-05
1673	473745.03, 3846999.23	0.09963	1.19979	0.59092	-1.223E-05	-0.0001472	-7.252E-05	-5.71E-06	-6.88E-05	-3.39E-05	-1.13E-05	-1.36E-04	-6.69E-05
1674	473745.03, 3847049.23	0.11014	1.27611	0.62047	-1.352E-05	-0.0001566	-7.614E-05	-6.32E-06	-7.32E-05	-3.56E-05	-1.25E-05	-1.45E-04	-7.03E-05
1675	473745.03, 3847099.23	0.12291	1.34803	0.65468	-1.508E-05	-0.0001654	-8.034E-05	-7.05E-06	-7.73E-05	-3.76E-05	-1.39E-05	-1.53E-04	-7.42E-05
1676	473745.03, 3847149.23	0.13952	1.41299	0.70127	-1.712E-05	-0.0001734	-8.606E-05	-8.00E-06	-8.10E-05	-4.02E-05	-1.58E-05	-1.60E-04	-7.94E-05
1677	473745.03, 3847199.23	0.16564	1.49786	0.7676	-2.033E-05	-0.0001838	-9.42E-05	-9.50E-06	-8.59E-05	-4.40E-05	-1.88E-05	-1.70E-04	-8.70E-05
1678	473745.03, 3847249.23	0.2037	1.58285	0.86952	-2.5E-05	-0.0001942	-0.0001067	-1.17E-05	-9.08E-05	-4.99E-05	-2.31E-05	-1.79E-04	-9.85E-05
1679	473745.03, 3847299.23	0.25868	1.68621	0.96792	-3.174E-05	-0.0002069	-0.0001188	-1.48E-05	-9.67E-05	-5.55E-05	-2.93E-05	-1.91E-04	-1.10E-04
1680	473745.03, 3847349.23	0.35249	1.91489	1.12209	-4.326E-05	-0.000235	-0.0001377	-2.02E-05	-1.10E-04	-6.44E-05	-3.99E-05	-2.17E-04	-1.27E-04
1681	473745.03, 3847399.23	0.49475	2.21902	1.33458	-6.071E-05	-0.0002723	-0.0001638	-2.84E-05	-1.27E-04	-7.66E-05	-5.60E-05	-2.51E-04	-1.51E-04
1682	473795.03, 3846699.23	0.06065	0.77563	0.40366	-7.443E-06	-9.518E-05	-4.954E-05	-3.48E-06	-4.45E-05	-2.32E-05	-6.87E-06	-8.79E-05	-4.57E-05
1683	473795.03, 3846749.23	0.06542	0.82207	0.42564	-8.028E-06	-0.0001009	-5.223E-05	-3.75E-06	-4.72E-05	-2.44E-05	-7.41E-06	-9.31E-05	-4.82E-05
1684	473795.03, 3846799.23	0.07105	0.87614	0.4522	-8.719E-06	-0.0001075	-5.549E-05	-4.08E-06	-5.03E-05	-2.59E-05	-8.05E-06	-9.92E-05	-5.12E-05
1685	473795.03, 3846849.23	0.07779	0.94004	0.48595	-9.546E-06	-0.0001154	-5.963E-05	-4.46E-06	-5.39E-05	-2.79E-05	-8.81E-06	-1.06E-04	-5.50E-05
1686	473795.03, 3846899.23	0.08531	1.00892	0.51887	-1.047E-05	-0.0001238	-6.367E-05	-4.89E-06	-5.79E-05	-2.98E-05	-9.66E-06	-1.14E-04	-5.88E-05
1687	473795.03, 3846949.23	0.0938	1.08332	0.55909	-1.151E-05	-0.0001329	-6.861E-05	-5.38E-06	-6.21E-05	-3.21E-05	-1.06E-05	-1.23E-04	-6.33E-05
1688	473795.03, 3846999.23	0.10303	1.15653	0.58949	-1.264E-05	-0.0001419	-7.234E-05	-5.91E-06	-6.63E-05	-3.38E-05	-1.17E-05	-1.31E-04	-6.68E-05
1689	473795.03, 3847049.23	0.11405	1.23226	0.6282	-1.4E-05	-0.0001512	-7.709E-05	-6.54E-06	-7.07E-05	-3.60E-05	-1.29E-05	-1.40E-04	-7.12E-05
1690	473795.03, 3847099.23	0.12717	1.29981	0.6621	-1.561E-05	-0.0001595	-8.125E-05	-7.29E-06	-7.46E-05	-3.80E-05	-1.44E-05	-1.47E-04	-7.50E-05
1691	473795.03, 3847149.23	0.14495	1.36379	0.69637	-1.779E-05	-0.0001674	-8.546E-05	-8.31E-06	-7.82E-05	-3.99E-05	-1.64E-05	-1.54E-04	-7.89E-05
1692	473795.03, 3847199.23	0.17346	1.45408	0.76156	-2.129E-05	-0.0001784	-9.346E-05	-9.95E-06	-8.34E-05	-4.37E-05	-1.96E-05	-1.65E-04	-8.63E-05
1693	473795.03, 3847249.23	0.21569	1.55683	0.85351	-2.647E-05	-0.0001911	-0.0001047	-1.24E-05	-8.93E-05	-4.90E-05	-2.44E-05	-1.76E-04	-9.67E-05
1694	473795.03, 3847299.23	0.27173	1.62093	0.96669	-3.335E-05	-0.0001989	-0.0001186	-1.56E-05	-9.30E-05	-5.54E-05	-3.08E-05	-1.84E-04	-1.10E-04
1695	473795.03, 3847349.23	0.36434	1.81298	1.11877	-4.471E-05	-0.0002225	-0.0001373	-2.09E-05	-1.04E-04	-6.42E-05	-4.13E-05	-2.05E-04	-1.27E-04
1696	473795.03, 3847399.23	0.52086	2.20281	1.38126	-6.392E-05	-0.0002703	-0.0001695	-2.99E-05	-1.26E-04	-7.92E-05	-5.90E-05	-2.50E-04	-1.56E-04
1697	473845.03, 3846699.23	0.06143	0.75334	0.40222	-7.539E-06	-9.245E-05	-4.936E-05	-3.52E-06	-4.32E-05	-2.31E-05	-6.96E-06	-8.53E-05	-4.56E-05
1698	473845.03, 3846749.23	0.06662	0.79849	0.42718	-8.175E-06	-9.799E-05	-5.242E-05	-3.82E-06	-4.58E-05	-2.45E-05	-7.55E-06	-9.05E-05	-4.84E-05
1699	473845.03, 3846799.23	0.07256	0.84844	0.45503	-8.904E-06	-0.0001041	-5.584E-05	-4.16E-06	-4.87E-05	-2.61E-05	-8.22E-06	-9.61E-05	-5.15E-05
1700	473845.03, 3846849.23	0.07919	0.90251	0.49097	-9.718E-06	-0.0001108	-6.025E-05	-4.54E-06	-5.18E-05	-2.82E-05	-8.97E-06	-1.02E-04	-5.56E-05
1701	473845.03, 3846899.23	0.0869	0.9642	0.53083	-1.066E-05	-0.0001183	-6.514E-05	-4.98E-06	-5.53E-05	-3.04E-05	-9.84E-06	-1.09E-04	-6.01E-05
1702	473845.03, 3846949.23	0.09587	1.03321	0.57055	-1.177E-05	-0.0001268	-7.002E-05	-5.50E-06	-5.93E-05	-3.27E-05	-1.09E-05	-1.17E-04	-6.46E-05
1703	473845.03, 3846999.23	0.10614	1.10618	0.60134	-1.303E-05	-0.0001357	-7.38E-05	-6.09E-06	-6.35E-05	-3.45E-05	-1.20E-05	-1.25E-04	-6.81E-05
1704	473845.03, 3847049.23	0.11833	1.18132	0.62472	-1.452E-05	-0.000145	-7.666E-05	-6.79E-06	-6.78E-05	-3.58E-05	-1.34E-05	-1.34E-04	-7.08E-05
1705	473845.03, 3847099.23	0.13264	1.24654	0.65182	-1.628E-05	-0.000153	-7.999E-05	-7.61E-06	-7.15E-05	-3.74E-05	-1.50E-05	-1.41E-04	-7.38E-05
1706	473845.03, 3847149.23	0.15264	1.31629	0.71277	-1.873E-05	-0.0001615	-8.747E-05	-8.76E-06	-7.55E-05	-4.09E-05	-1.73E-05	-1.49E-04	-8.07E-05
1707	473845.03, 3847199.23	0.18228	1.40213	0.76375	-2.237E-05	-0.0001721	-9.373E-05	-1.05E-05	-8.04E-05	-4.38E-05	-2.06E-05	-1.59E-04	-8.65E-05
1708	473845.03, 3847249.23	0.22751	1.51454	0.84948	-2.792E-05	-0.0001859	-0.0001042	-1.30E-05	-8.69E-05	-4.87E-05	-2.58E-05	-1.72E-04	-9.62E-05
1709	473845.03, 3847299.23	0.28607	1.58834	0.95666	-3.511E-05	-0.0001949	-0.0001174	-1.64E-05	-9.11E-05	-5.49E-05	-3.24E-05	-1.80E-04	-1.08E-04
1710	473845.03, 3847349.23	0.37788	1.7412	1.11422	-4.637E-05	-0.0002137	-0.0001367	-2.17E-05	-9.99E-05	-6.39E-05	-4.28E-05	-1.97E-04	-1.26E-04
1711	473845.03, 3847399.23	0.51294	1.99383	1.33411	-6.295E-05	-0.0002447	-0.0001637	-2.94E-05	-1.14E-04	-7.65E-05	-5.81E-05	-2.26E-04	-1.51E-04
1712	473845.03, 3847449.23	0.73588	2.51786	1.75182	-9.031E-05	-0.000309	-0.000215	-4.22E-05	-1.44E-04	-1.00E-04	-8.34E-05	-2.85E-04	-1.98E-04
1713	473895.03, 3846699.23	0.06254	0.74599	0.41513	-7.675E-06	-9.155E-05	-5.094E-05	-3.59E-06	-4.28E-05	-2.38E-05	-7.08E-06	-8.45E-05	-4.70E-05
1714	473895.03, 3846749.23	0.06735	0.77324	0.43666	-8.265E-06	-9.489E-05	-5.359E-05	-3.86E-06	-4.44E-05	-2.50E-05	-7.63E-06	-8.76E-05	-4.95E-05
1715	473895.03, 3846799.23	0.07338	0.81667	0.45959	-9.005E-06	-0.0001002	-5.64E-05	-4.21E-06	-4.68E-05	-2.64E-05	-8.31E-06	-9.25E-05	-5.21E-05
1716	473895.03, 3846849.23	0.08032	0.86739	0.48832	-9.857E-06	-0.0001064	-5.993E-05	-4.61E-06	-4.98E-05	-2.80E-05	-9.10E-06	-9.83E-05	-5.53E-05
1717	473895.03, 3846899.23	0.08803	0.92185	0.52218	-1.08E-05	-0.0001131	-6.408E-05	-5.05E-06	-5.29E-05	-3.00E-05	-9.97E-06	-1.04E-04	-5.92E-05

1718	473895.03, 3846949.23	0.09755	0.98638	0.56362	-1.197E-05	-0.000121	-6.917E-05	-5.60E-06	-5.66E-05	-3.23E-05	-1.11E-05	-1.12E-04	-6.38E-05
1719	473895.03, 3846999.23	0.10894	1.05524	0.60447	-1.337E-05	-0.0001295	-7.418E-05	-6.25E-06	-6.05E-05	-3.47E-05	-1.23E-05	-1.20E-04	-6.85E-05
1720	473895.03, 3847049.23	0.12271	1.1271	0.63084	-1.506E-05	-0.0001383	-7.742E-05	-7.04E-06	-6.47E-05	-3.62E-05	-1.39E-05	-1.28E-04	-7.15E-05
1721	473895.03, 3847099.23	0.13969	1.19708	0.67759	-1.714E-05	-0.0001469	-8.315E-05	-8.01E-06	-6.87E-05	-3.89E-05	-1.58E-05	-1.36E-04	-7.68E-05
1722	473895.03, 3847149.23	0.161	1.26118	0.73273	-1.976E-05	-0.0001548	-8.992E-05	-9.23E-06	-7.23E-05	-4.20E-05	-1.82E-05	-1.43E-04	-8.30E-05
1723	473895.03, 3847199.23	0.19053	1.33497	0.76436	-2.338E-05	-0.0001638	-9.38E-05	-1.09E-05	-7.66E-05	-4.38E-05	-2.16E-05	-1.51E-04	-8.66E-05
1724	473895.03, 3847249.23	0.2406	1.48159	0.85804	-2.953E-05	-0.0001818	-0.0001053	-1.38E-05	-8.50E-05	-4.92E-05	-2.73E-05	-1.68E-04	-9.72E-05
1725	473895.03, 3847299.23	0.30304	1.58464	0.97676	-3.719E-05	-0.0001945	-0.0001199	-1.74E-05	-9.09E-05	-5.60E-05	-3.43E-05	-1.80E-04	-1.11E-04
1726	473895.03, 3847349.23	0.38817	1.69042	1.12408	-4.764E-05	-0.0002074	-0.0001379	-2.23E-05	-9.70E-05	-6.45E-05	-4.40E-05	-1.91E-04	-1.27E-04
1727	473895.03, 3847399.23	0.53587	1.99584	1.39689	-6.576E-05	-0.0002449	-0.0001714	-3.07E-05	-1.14E-04	-8.01E-05	-6.07E-05	-2.26E-04	-1.58E-04
1728	473895.03, 3847449.23	0.7548	2.46746	1.82852	-9.263E-05	-0.0003028	-0.0002244	-4.33E-05	-1.42E-04	-1.05E-04	-8.55E-05	-2.80E-04	-2.07E-04
1729	473945.03, 3846699.23	0.06319	0.73727	0.41448	-7.755E-06	-9.048E-05	-5.086E-05	-3.62E-06	-4.23E-05	-2.38E-05	-7.16E-06	-8.35E-05	-4.70E-05
1730	473945.03, 3846749.23	0.06844	0.76794	0.43748	-8.399E-06	-9.424E-05	-5.369E-05	-3.93E-06	-4.40E-05	-2.51E-05	-7.75E-06	-8.70E-05	-4.96E-05
1731	473945.03, 3846799.23	0.07439	0.80109	0.46017	-9.129E-06	-9.831E-05	-5.647E-05	-4.27E-06	-4.60E-05	-2.64E-05	-8.43E-06	-9.07E-05	-5.21E-05
1732	473945.03, 3846849.23	0.08117	0.84246	0.48533	-9.961E-06	-0.0001034	-5.956E-05	-4.66E-06	-4.83E-05	-2.78E-05	-9.19E-06	-9.54E-05	-5.50E-05
1733	473945.03, 3846899.23	0.08933	0.89362	0.52031	-1.096E-05	-0.0001097	-6.385E-05	-5.12E-06	-5.13E-05	-2.98E-05	-1.01E-05	-1.01E-04	-5.89E-05
1734	473945.03, 3846949.23	0.09879	0.94789	0.55697	-1.212E-05	-0.0001163	-6.835E-05	-5.67E-06	-5.44E-05	-3.19E-05	-1.12E-05	-1.07E-04	-6.31E-05
1735	473945.03, 3846999.23	0.11059	1.00662	0.59315	-1.357E-05	-0.0001235	-7.279E-05	-6.34E-06	-5.77E-05	-3.40E-05	-1.25E-05	-1.14E-04	-6.72E-05
1736	473945.03, 3847049.23	0.12625	1.09103	0.64107	-1.549E-05	-0.0001339	-7.867E-05	-7.24E-06	-6.26E-05	-3.68E-05	-1.43E-05	-1.24E-04	-7.26E-05
1737	473945.03, 3847099.23	0.14648	1.20353	0.69197	-1.798E-05	-0.0001477	-8.492E-05	-8.40E-06	-6.90E-05	-3.97E-05	-1.66E-05	-1.36E-04	-7.84E-05
1738	473945.03, 3847149.23	0.1696	1.2567	0.73537	-2.081E-05	-0.0001542	-9.024E-05	-9.73E-06	-7.21E-05	-4.22E-05	-1.92E-05	-1.42E-04	-8.33E-05
1739	473945.03, 3847199.23	0.20237	1.32456	0.78223	-2.483E-05	-0.0001625	-9.599E-05	-1.16E-05	-7.60E-05	-4.49E-05	-2.29E-05	-1.50E-04	-8.86E-05
1740	473945.03, 3847249.23	0.25359	1.45342	0.87599	-3.112E-05	-0.0001784	-0.0001075	-1.45E-05	-8.34E-05	-5.02E-05	-2.87E-05	-1.65E-04	-9.92E-05
1741	473945.03, 3847299.23	0.31555	1.55076	0.99734	-3.872E-05	-0.0001903	-0.0001224	-1.81E-05	-8.90E-05	-5.72E-05	-3.57E-05	-1.76E-04	-1.13E-04
1742	473945.03, 3847349.23	0.39251	1.64393	1.10473	-4.817E-05	-0.0002017	-0.0001356	-2.25E-05	-9.43E-05	-6.34E-05	-4.45E-05	-1.86E-04	-1.25E-04
1743	473945.03, 3847399.23	0.52717	1.87563	1.33577	-6.469E-05	-0.0002302	-0.0001639	-3.02E-05	-1.08E-04	-7.66E-05	-5.97E-05	-2.12E-04	-1.51E-04
1744	473945.03, 3847449.23	0.69848	2.13933	1.6623	-8.572E-05	-0.0002625	-0.000204	-4.01E-05	-1.23E-04	-9.53E-05	-7.91E-05	-2.42E-04	-1.88E-04
1745	473995.03, 3846699.23	0.06335	0.72086	0.41044	-7.774E-06	-8.846E-05	-5.037E-05	-3.63E-06	-4.13E-05	-2.35E-05	-7.18E-06	-8.17E-05	-4.65E-05
1746	473995.03, 3846749.23	0.06899	0.75537	0.43291	-8.466E-06	-9.27E-05	-5.313E-05	-3.96E-06	-4.33E-05	-2.48E-05	-7.82E-06	-8.56E-05	-4.90E-05
1747	473995.03, 3846799.23	0.0753	0.79279	0.46016	-9.241E-06	-9.729E-05	-5.647E-05	-4.32E-06	-4.55E-05	-2.64E-05	-8.53E-06	-8.98E-05	-5.21E-05
1748	473995.03, 3846849.23	0.08238	0.83217	0.49082	-1.011E-05	-0.0001021	-6.023E-05	-4.73E-06	-4.77E-05	-2.82E-05	-9.33E-06	-9.43E-05	-5.56E-05
1749	473995.03, 3846899.23	0.09065	0.87633	0.5245	-1.112E-05	-0.0001075	-6.437E-05	-5.20E-06	-5.03E-05	-3.01E-05	-1.03E-05	-9.93E-05	-5.94E-05
1750	473995.03, 3846949.23	0.10076	0.92794	0.55355	-1.237E-05	-0.0001139	-6.793E-05	-5.78E-06	-5.32E-05	-3.18E-05	-1.14E-05	-1.05E-04	-6.27E-05
1751	473995.03, 3846999.23	0.11331	0.99957	0.5824	-1.391E-05	-0.0001227	-7.147E-05	-6.50E-06	-5.73E-05	-3.34E-05	-1.28E-05	-1.13E-04	-6.60E-05
1752	473995.03, 3847049.23	0.12956	1.10085	0.63679	-1.59E-05	-0.0001351	-7.815E-05	-7.43E-06	-6.31E-05	-3.65E-05	-1.47E-05	-1.25E-04	-7.21E-05
1753	473995.03, 3847099.23	0.15195	1.21074	0.69336	-1.865E-05	-0.0001486	-8.509E-05	-8.72E-06	-6.94E-05	-3.98E-05	-1.72E-05	-1.37E-04	-7.85E-05
1754	473995.03, 3847149.23	0.18101	1.30582	0.73933	-2.221E-05	-0.0001602	-9.073E-05	-1.04E-05	-7.49E-05	-4.24E-05	-2.05E-05	-1.48E-04	-8.38E-05
1755	473995.03, 3847199.23	0.21326	1.33524	0.78832	-2.617E-05	-0.0001639	-9.674E-05	-1.22E-05	-7.66E-05	-4.52E-05	-2.42E-05	-1.51E-04	-8.93E-05
1756	473995.03, 3847249.23	0.26672	1.45452	0.90639	-3.273E-05	-0.0001785	-0.0001112	-1.53E-05	-8.34E-05	-5.20E-05	-3.02E-05	-1.65E-04	-1.03E-04
1757	473995.03, 3847299.23	0.32913	1.55952	1.02325	-4.039E-05	-0.0001914	-0.0001256	-1.89E-05	-8.95E-05	-5.87E-05	-3.73E-05	-1.77E-04	-1.16E-04
1758	473995.03, 3847349.23	0.39621	1.5953	1.07867	-4.862E-05	-0.0001958	-0.0001324	-2.27E-05	-9.15E-05	-6.19E-05	-4.49E-05	-1.81E-04	-1.22E-04
1759	473995.03, 3847399.23	0.50687	1.71924	1.2596	-6.22E-05	-0.000211	-0.0001546	-2.91E-05	-9.86E-05	-7.23E-05	-5.74E-05	-1.95E-04	-1.43E-04
1760	473995.03, 3847449.23	0.65727	1.95964	1.55644	-8.066E-05	-0.0002405	-0.000191	-3.77E-05	-1.12E-04	-8.93E-05	-7.45E-05	-2.22E-04	-1.76E-04
1761	474045.03, 3846699.23	0.06383	0.707	0.4131	-7.833E-06	-8.676E-05	-5.069E-05	-3.66E-06	-4.06E-05	-2.37E-05	-7.23E-06	-8.01E-05	-4.68E-05
1762	474045.03, 3846749.23	0.06942	0.74452	0.43587	-8.519E-06	-9.137E-05	-5.349E-05	-3.98E-06	-4.27E-05	-2.50E-05	-7.86E-06	-8.43E-05	-4.94E-05
1763	474045.03, 3846799.23	0.07559	0.783	0.46268	-9.276E-06	-9.609E-05	-5.678E-05	-4.34E-06	-4.49E-05	-2.65E-05	-8.56E-06	-8.87E-05	-5.24E-05
1764	474045.03, 3846849.23	0.08275	0.81986	0.48976	-1.015E-05	-0.0001006	-6.01E-05	-4.75E-06	-4.70E-05	-2.81E-05	-9.37E-06	-9.29E-05	-5.55E-05
1765	474045.03, 3846899.23	0.09173	0.86378	0.52317	-1.126E-05	-0.000106	-6.42E-05	-5.26E-06	-4.95E-05	-3.00E-05	-1.04E-05	-9.78E-05	-5.93E-05
1766	474045.03, 3846949.23	0.10318	0.93347	0.5579	-1.266E-05	-0.0001146	-6.846E-05	-5.92E-06	-5.35E-05	-3.20E-05	-1.17E-05	-1.06E-04	-6.32E-05
1767	474045.03, 3846999.23	0.11705	1.02818	0.59163	-1.436E-05	-0.0001262	-7.26E-05	-6.71E-06	-5.90E-05	-3.39E-05	-1.33E-05	-1.16E-04	-6.70E-05
1768	474045.03, 3847049.23	0.13533	1.13356	0.64985	-1.661E-05	-0.0001391	-7.975E-05	-7.76E-06	-6.50E-05	-3.73E-05	-1.53E-05	-1.28E-04	-7.36E-05
1769	474045.03, 3847099.23	0.15751	1.2117	0.69075	-1.933E-05	-0.0001487	-8.477E-05	-9.03E-06	-6.95E-05	-3.96E-05	-1.78E-05	-1.37E-04	-7.82E-05
1770	474045.03, 3847149.23	0.1892	1.31511	0.7509	-2.322E-05	-0.0001614	-9.215E-05	-1.09E-05	-7.54E-05	-4.31E-05	-2.14E-05	-1.49E-04	-8.51E-05
1771	474045.03, 3847199.23	0.22913	1.40613	0.82974	-2.812E-05	-0.0001726	-0.0001018	-1.31E-05	-8.07E-05	-4.76E-05	-2.60E-05	-1.59E-04	-9.40E-05
1772	474045.03, 3847249.23	0.27981	1.48322	0.91055	-3.434E-05	-0.000182	-0.0001117	-1.60E-05	-8.51E-05	-5.22E-05	-3.17E-05	-1.68E-04	-1.03E-04
1773	474045.03, 3847299.23	0.3458	1.59614	1.05297	-4.244E-05	-0.0001959	-0.0001292	-1.98E-05	-9.16E-05	-6.04E-05	-3.92E-05	-1.81E-04	-1.19E-04
1774	474045.03, 3847349.23	0.41925	1.65504	1.15592	-5.145E-05	-0.0002031	-0.0001419	-2.40E-05	-9.49E-05	-6.63E-05	-4.75E-05	-1.87E-04	-1.31E-04
1775	474045.03, 3847399.23	0.51609	1.70793	1.29344	-6.333E-05	-0.0002096	-0.0001587	-2.96E-05	-9.80E-05	-7.42E-05	-5.85E-05	-1.93E-04	-1.47E-04
1776	474045.03, 3847449.23	0.6556	1.93537	1.56377	-8.045E-05	-0.0002375	-0.0001919	-3.76E-05	-1.11E-04	-8.97E-05	-7.43E-05	-2.19E-04	-1.77E-04
1777	474095.03, 3846699.23	0.06476	0.70306	0.42013	-7.947E-06	-8.628E-05	-5.156E-05	-3.71E-06	-4.03E-05	-2.41E-05	-7.34E-06	-7.96E-05	-4.76E-05
1778	474095.03, 3846749.23	0.07035	0.73888	0.44174	-8.633E-06	-9.067E-05	-5.421E-05	-4.04E-06	-4.24E-05	-2.53E-05	-7.97E-06	-8.37E-05	-5.00E-05
1779	474095.03, 3846799.23	0.07659	0.77574	0.46301	-9.399E-06	-9.52E-05	-5.682E-05	-4.39E-06	-4.45E-05	-2.66E-05	-8.68E-06	-8.79E-05	-5.24E-05
1780	474095.03, 3846849.23	0.08394	0.81434	0.49151	-1.03E-05	-9.993E-05	-6.032E-05	-4.81E-06	-4.67E-05	-2.82E-05	-9.51E-06	-9.22E-05	-5.57E-05
1781	474095.03, 3846899.23	0.0933	0.86621	0.51909	-1.145E-05	-0.0001063	-6.37E-05	-5.35E-06	-4.97E-05	-2.98E-05	-1.06E-05	-9.81E-05	-5.88E-05
1782	474095.03, 3846949.23	0.10524	0.94973	0.54932	-1.291E-05	-0.0001165	-6.741E-05	-6.04E-06	-5.45E-05	-3.15E-05	-1.19E-05	-1.08E-04	-6.22E-05
1783	474095.03, 3846999.23	0.12052	1.04682	0.59337	-1.479E-05	-0.0001285	-7.282E-05	-6.91E-06	-6.00E-05	-3.40E-05	-1.37E-05	-1.19E-04	-6.72E-05
1784	474095.03, 3847049.23	0.13981	1.14013	0.63549	-1.716E-05	-0.0001399	-7.799E-05	-8.02E-06	-6.54E-05	-3.65E-05	-1.58E-05	-1.29E-04	-7.20E-05
1785	474095.03, 3847099.23	0.16433	1.22415	0.68236	-2.017E-05	-0.0001502	-8.374E-05	-9.43E-06	-7.02E-05	-3.91E-05	-1.86E-05	-1.39E-04	-7.73E-05
1786	474095.03, 3847149.23	0.19665	1.31725	0.75243	-2.413E-05	-0.0001617	-9.234E-05	-1.13E-05	-7.56E-05	-4.32E-05	-2.23E-05	-1.49E-04	-8.52E-05
1787	474095.03, 3847199.23	0.23935	1.42172	0.8438	-2.937E-05	-0.0001745	-0.0001035	-1.37E-05	-8.15E-05	-4.84E-05	-2.71E-05	-1.61E-04	-9.56E-05
1788	474095.03, 3847249.23	0.29273	1.52135	0.95985	-3.592E-05	-0.0001867	-0.0001178	-1.68E-05	-8.73E-05	-5.51E-05	-3.32E-05	-1.72E-04	-1.09E-04
1789	474095.03, 3847299.23	0.35732	1.62033	1.09333	-4.385E-05	-0.0001988	-0.0001342	-2.05E-05	-9.29E-05	-6.27E-05	-4.05E-05	-1.84E-04	-1.24E-04
1790	474095.03, 3847349.23	0.42852	1.64811	1.1741	-5.259E-05	-0.0002023	-0.0001441	-2.46E-05	-9.45E-05	-6.73E-05	-4.85E-05	-1.87E-04	-1.33E-04
1791	474095.03, 3847399.23	0.50908	1.63235	1.27184	-6.247E-05	-0.0002003	-0.0001561	-2.92E-05	-9.36E-05	-7.30E-05	-5.77E-05	-1.85E-04	-1.44E-04
1792	474095.03, 3847449.23	0.65922	1.95564	1.5843	-8.09E-05	-0.00024	-0.0001944	-3.78E-05	-1.12E-04	-9.09E-05	-7.47E-05	-2.22E-04	-1.79E-04
1793	474145.03, 3846699.23	0.06577	0.69509	0.42186	-8.071E-06	-8.53E-05	-5.177E-05	-3.77E-06	-3.99E-05	-2.42E-05	-7.45E-06	-7.87E-05	-4.78E-05
1794	474145.03, 3846749.23	0.07141	0.72704	0.43928	-8.763E-06	-8.922E-05	-5.391E-05	-4.10E-06	-4.17E-05	-2.52E-05	-8.09E-06	-8.24E-05	-4.98E-05
1795	474145.03, 3846799.23	0.07802	0.76861	0.46344	-9.574E-06	-9.432E-05	-5.687E-05	-4.48E-06	-4.41E-05	-2.66E-05	-8.84E-06	-8.71E-05	-5.25E-05
1796	474145.03, 3846849.23	0.086	0.81504	0.48919	-1.055E-05	-0.0001	-6.003E-05	-4.93E-06	-4.68E-05	-2.81E-05	-9.74E-06	-9.23E-05	-5.54E-05
1797	474145.03, 3846899.23	0.09605	0.88626	0.51379	-1.179E-05	-0.0001088	-6.305E-05	-5.51E-06	-5.08E-05	-2.95E-05	-1.09E-05	-1.00E-04	-5.82E-05
1798	474145.03, 3846949.23	0.10791	0.96674	0.55194	-1.324E-05	-0.0001186	-6.773E-05	-6.19E-06	-5.55E-05	-3.17E-05	-1.22E-05	-1.10E-04	-6.25E-05
1799	474145.03, 3846999.23	0.12368	1.05399	0.59312	-1.518E-05	-0.0001293	-7.279E-05	-7.09E-06	-6.05E-05	-3.40E-05	-1.40E-05	-1.19E-04	-6.72E-05

1800	474145.03, 3847049.23	0.14434	1.13943	0.63123	-1.771E-05	-0.0001398	-7.746E-05	-8.28E-06	-6.54E-05	-3.62E-05	-1.64E-05	-1.29E-04	-7.15E-05
1801	474145.03, 3847099.23	0.17023	1.2229	0.68595	-2.089E-05	-0.0001501	-8.418E-05	-9.76E-06	-7.01E-05	-3.93E-05	-1.93E-05	-1.39E-04	-7.77E-05
1802	474145.03, 3847149.23	0.20412	1.32542	0.75472	-2.505E-05	-0.0001627	-9.262E-05	-1.17E-05	-7.60E-05	-4.33E-05	-2.31E-05	-1.50E-04	-8.55E-05
1803	474145.03, 3847199.23	0.24746	1.43661	0.84274	-3.037E-05	-0.0001763	-0.0001034	-1.42E-05	-8.24E-05	-4.83E-05	-2.80E-05	-1.63E-04	-9.55E-05
1804	474145.03, 3847249.23	0.30595	1.57931	1.01047	-3.755E-05	-0.0001938	-0.000124	-1.75E-05	-9.06E-05	-5.80E-05	-3.47E-05	-1.79E-04	-1.14E-04
1805	474145.03, 3847299.23	0.37402	1.70226	1.14564	-4.59E-05	-0.0002089	-0.0001406	-2.15E-05	-9.76E-05	-6.57E-05	-4.24E-05	-1.93E-04	-1.30E-04
1806	474145.03, 3847349.23	0.44668	1.73306	1.23405	-5.482E-05	-0.0002127	-0.0001514	-2.56E-05	-9.94E-05	-7.08E-05	-5.06E-05	-1.96E-04	-1.40E-04
1807	474145.03, 3847399.23	0.52841	1.71134	1.33631	-6.485E-05	-0.00021	-0.000164	-3.03E-05	-9.82E-05	-7.67E-05	-5.99E-05	-1.94E-04	-1.51E-04
1808	474145.03, 3847449.23	0.65833	1.98497	1.58381	-8.079E-05	-0.0002436	-0.0001944	-3.78E-05	-1.14E-04	-9.08E-05	-7.46E-05	-2.25E-04	-1.79E-04
1809	474195.03, 3846699.23	0.06623	0.6848	0.4158	-8.128E-06	-8.404E-05	-5.103E-05	-3.80E-06	-3.93E-05	-2.39E-05	-7.50E-06	-7.76E-05	-4.71E-05
1810	474195.03, 3846749.23	0.07186	0.71405	0.43223	-8.819E-06	-8.763E-05	-5.304E-05	-4.12E-06	-4.10E-05	-2.48E-05	-8.14E-06	-8.09E-05	-4.90E-05
1811	474195.03, 3846799.23	0.07779	0.74176	0.44996	-9.546E-06	-9.103E-05	-5.522E-05	-4.46E-06	-4.25E-05	-2.58E-05	-8.81E-06	-8.40E-05	-5.10E-05
1812	474195.03, 3846849.23	0.08438	0.77252	0.46306	-1.035E-05	-9.48E-05	-5.683E-05	-4.84E-06	-4.43E-05	-2.66E-05	-9.56E-06	-8.75E-05	-5.25E-05
1813	474195.03, 3846899.23	0.09589	0.86451	0.50001	-1.177E-05	-0.0001061	-6.136E-05	-5.50E-06	-4.96E-05	-2.87E-05	-1.09E-05	-9.79E-05	-5.66E-05
1814	474195.03, 3846949.23	0.10925	0.95348	0.54627	-1.341E-05	-0.000117	-6.704E-05	-6.27E-06	-5.47E-05	-3.13E-05	-1.24E-05	-1.08E-04	-6.19E-05
1815	474195.03, 3846999.23	0.12682	1.04517	0.59229	-1.556E-05	-0.0001283	-7.268E-05	-7.27E-06	-6.00E-05	-3.40E-05	-1.44E-05	-1.18E-04	-6.71E-05
1816	474195.03, 3847049.23	0.14749	1.12026	0.62684	-1.81E-05	-0.0001375	-7.692E-05	-8.46E-06	-6.43E-05	-3.60E-05	-1.67E-05	-1.27E-04	-7.10E-05
1817	474195.03, 3847099.23	0.17373	1.20053	0.69033	-2.132E-05	-0.0001473	-8.472E-05	-9.97E-06	-6.89E-05	-3.96E-05	-1.97E-05	-1.36E-04	-7.82E-05
1818	474195.03, 3847149.23	0.20705	1.29728	0.75201	-2.541E-05	-0.0001592	-9.229E-05	-1.19E-05	-7.44E-05	-4.31E-05	-2.35E-05	-1.47E-04	-8.52E-05
1819	474195.03, 3847199.23	0.25096	1.40778	0.83557	-3.08E-05	-0.0001728	-0.0001025	-1.44E-05	-8.08E-05	-4.79E-05	-2.84E-05	-1.59E-04	-9.47E-05
1820	474195.03, 3847249.23	0.31087	1.57092	0.99697	-3.815E-05	-0.0001928	-0.0001223	-1.78E-05	-9.01E-05	-5.72E-05	-3.52E-05	-1.78E-04	-1.13E-04
1821	474195.03, 3847299.23	0.38639	1.75668	1.16777	-4.742E-05	-0.0002156	-0.0001433	-2.22E-05	-1.01E-04	-6.70E-05	-4.38E-05	-1.99E-04	-1.32E-04
1822	474195.03, 3847349.23	0.4671	1.84132	1.29891	-5.732E-05	-0.000226	-0.0001594	-2.68E-05	-1.06E-04	-7.45E-05	-5.29E-05	-2.09E-04	-1.47E-04
1823	474195.03, 3847399.23	0.55083	1.86711	1.41438	-6.76E-05	-0.0002291	-0.0001736	-3.16E-05	-1.07E-04	-8.11E-05	-6.24E-05	-2.12E-04	-1.60E-04
1824	474195.03, 3847449.23	0.66299	2.04129	1.62018	-8.136E-05	-0.0002505	-0.0001988	-3.80E-05	-1.17E-04	-9.29E-05	-7.51E-05	-2.31E-04	-1.84E-04
1825	474245.03, 3847049.23	0.14877	1.08767	0.62777	-1.826E-05	-0.0001335	-7.704E-05	-8.53E-06	-6.24E-05	-3.60E-05	-1.69E-05	-1.23E-04	-7.11E-05
1826	474245.03, 3847099.23	0.17506	1.16771	0.67249	-2.148E-05	-0.0001433	-8.253E-05	-1.00E-05	-6.70E-05	-3.86E-05	-1.98E-05	-1.32E-04	-7.62E-05
1827	474245.03, 3847149.23	0.21312	1.30031	0.7576	-2.615E-05	-0.0001596	-9.297E-05	-1.22E-05	-7.46E-05	-4.35E-05	-2.41E-05	-1.47E-04	-8.58E-05
1828	474245.03, 3847199.23	0.25876	1.41823	0.86268	-3.175E-05	-0.000174	-0.0001059	-1.48E-05	-8.13E-05	-4.95E-05	-2.93E-05	-1.61E-04	-9.77E-05
1829	474245.03, 3847249.23	0.31619	1.57159	0.97882	-3.88E-05	-0.0001929	-0.0001201	-1.81E-05	-9.01E-05	-5.61E-05	-3.58E-05	-1.78E-04	-1.11E-04
1830	474245.03, 3847299.23	0.39277	1.7684	1.17508	-4.82E-05	-0.000217	-0.0001442	-2.25E-05	-1.01E-04	-6.74E-05	-4.45E-05	-2.00E-04	-1.33E-04
1831	474245.03, 3847349.23	0.48139	1.93677	1.34017	-5.908E-05	-0.0002377	-0.0001645	-2.76E-05	-1.11E-04	-7.69E-05	-5.45E-05	-2.19E-04	-1.52E-04
1832	474245.03, 3847399.23	0.57552	2.05778	1.5007	-7.063E-05	-0.0002525	-0.0001842	-3.30E-05	-1.18E-04	-8.61E-05	-6.52E-05	-2.33E-04	-1.70E-04
1833	474245.03, 3847449.23	0.67635	2.14741	1.70046	-8.3E-05	-0.0002635	-0.0002087	-3.88E-05	-1.23E-04	-9.75E-05	-7.66E-05	-2.43E-04	-1.93E-04
1834	474659.97, 3847690.24	1.13767	3.85148	2.88494	-0.0001396	-0.0004726	-0.000354	-6.53E-05	-2.21E-04	-1.65E-04	-1.29E-04	-4.36E-04	-3.27E-04
1835	474659.97, 3847740.24	1.28617	4.44493	3.28907	-0.0001578	-0.0005455	-0.0004036	-7.38E-05	-2.55E-04	-1.89E-04	-1.46E-04	-5.04E-04	-3.73E-04
1836	474709.97, 3847640.24	0.92605	3.01666	2.3042	-0.0001136	-0.0003702	-0.0002828	-5.31E-05	-1.73E-04	-1.32E-04	-1.05E-04	-3.42E-04	-2.61E-04
1837	474709.97, 3847690.24	1.05662	3.48073	2.62895	-0.0001297	-0.0004271	-0.0003226	-6.06E-05	-2.00E-04	-1.51E-04	-1.20E-04	-3.94E-04	-2.98E-04
1838	474709.97, 3847740.24	1.20546	4.108	3.04217	-0.0001479	-0.0005041	-0.0003733	-6.91E-05	-2.36E-04	-1.74E-04	-1.37E-04	-4.65E-04	-3.45E-04
1839	474759.97, 3847540.24	0.73193	2.49527	1.90319	-8.982E-05	-0.0003062	-0.0002336	-4.20E-05	-1.43E-04	-1.09E-04	-8.29E-05	-2.83E-04	-2.16E-04
1840	474759.97, 3847590.24	0.78917	2.57597	1.96878	-9.685E-05	-0.0003161	-0.0002416	-4.53E-05	-1.48E-04	-1.13E-04	-8.94E-05	-2.92E-04	-2.23E-04
1841	474759.97, 3847640.24	0.86465	2.75225	2.1179	-0.0001061	-0.0003378	-0.0002599	-4.96E-05	-1.58E-04	-1.21E-04	-9.79E-05	-3.12E-04	-2.40E-04
1842	474759.97, 3847690.24	0.98363	3.16481	2.4109	-0.0001207	-0.0003884	-0.0002959	-5.64E-05	-1.82E-04	-1.38E-04	-1.11E-04	-3.59E-04	-2.73E-04
1843	474759.97, 3847740.24	1.12934	3.79129	2.82225	-0.0001386	-0.0004653	-0.0003463	-6.48E-05	-2.17E-04	-1.62E-04	-1.28E-04	-4.29E-04	-3.20E-04
1844	474759.97, 3847790.24	1.27986	4.40905	3.26248	-0.0001571	-0.0005411	-0.0004004	-7.34E-05	-2.53E-04	-1.87E-04	-1.45E-04	-4.99E-04	-3.70E-04
1845	474809.97, 3847490.24	0.6313	2.13395	1.67582	-7.747E-05	-0.0002619	-0.0002057	-3.62E-05	-1.22E-04	-9.61E-05	-7.15E-05	-2.42E-04	-1.90E-04
1846	474809.97, 3847540.24	0.70116	2.37236	1.80988	-8.605E-05	-0.0002911	-0.0002221	-4.02E-05	-1.36E-04	-1.04E-04	-7.94E-05	-2.69E-04	-2.05E-04
1847	474809.97, 3847590.24	0.75694	2.46059	1.88759	-9.289E-05	-0.000302	-0.0002316	-4.34E-05	-1.41E-04	-1.08E-04	-8.57E-05	-2.79E-04	-2.14E-04
1848	474809.97, 3847640.24	0.82868	2.63719	2.02996	-0.0001017	-0.0003236	-0.0002491	-4.75E-05	-1.51E-04	-1.16E-04	-9.39E-05	-2.99E-04	-2.30E-04
1849	474809.97, 3847690.24	0.93352	2.97989	2.28248	-0.0001146	-0.0003657	-0.0002801	-5.35E-05	-1.71E-04	-1.31E-04	-1.06E-04	-3.38E-04	-2.59E-04
1850	474809.97, 3847740.24	1.06795	3.55119	2.65202	-0.0001311	-0.0004358	-0.0003255	-6.13E-05	-2.04E-04	-1.52E-04	-1.21E-04	-4.02E-04	-3.00E-04
1851	474809.97, 3847790.24	1.21679	4.19434	3.10402	-0.0001493	-0.0005147	-0.0003809	-6.98E-05	-2.41E-04	-1.78E-04	-1.38E-04	-4.75E-04	-3.52E-04
1852	474809.97, 3847840.24	1.37426	4.82026	3.50084	-0.0001686	-0.0005915	-0.0004296	-7.88E-05	-2.76E-04	-2.01E-04	-1.56E-04	-5.46E-04	-3.97E-04
1853	474859.97, 3847440.24	0.54351	1.82875	1.45433	-6.67E-05	-0.0002244	-0.0001785	-3.12E-05	-1.05E-04	-8.34E-05	-6.16E-05	-2.07E-04	-1.65E-04
1854	474859.97, 3847490.24	0.60841	2.03909	1.61237	-7.466E-05	-0.0002502	-0.0001979	-3.49E-05	-1.17E-04	-9.25E-05	-6.89E-05	-2.31E-04	-1.83E-04
1855	474859.97, 3847540.24	0.67423	2.26597	1.73347	-8.274E-05	-0.0002781	-0.0002127	-3.87E-05	-1.30E-04	-9.94E-05	-7.64E-05	-2.57E-04	-1.96E-04
1856	474859.97, 3847590.24	0.73681	2.41233	1.85019	-9.042E-05	-0.000296	-0.0002271	-4.23E-05	-1.38E-04	-1.06E-04	-8.35E-05	-2.73E-04	-2.10E-04
1857	474859.97, 3847640.24	0.80079	2.56443	1.96715	-9.827E-05	-0.0003147	-0.0002414	-4.59E-05	-1.47E-04	-1.13E-04	-9.07E-05	-2.90E-04	-2.23E-04
1858	474859.97, 3847690.24	0.89846	2.88172	2.21088	-0.0001103	-0.0003536	-0.0002713	-5.15E-05	-1.65E-04	-1.27E-04	-1.02E-04	-3.26E-04	-2.50E-04
1859	474859.97, 3847740.24	1.01726	3.36613	2.51994	-0.0001248	-0.0004131	-0.0003092	-5.84E-05	-1.93E-04	-1.45E-04	-1.15E-04	-3.81E-04	-2.85E-04
1860	474859.97, 3847790.24	1.15902	3.99669	2.96255	-0.0001422	-0.0004905	-0.0003636	-6.65E-05	-2.29E-04	-1.70E-04	-1.31E-04	-4.53E-04	-3.36E-04
1861	474859.97, 3847840.24	1.31266	4.63787	3.35762	-0.0001611	-0.0005692	-0.000412	-7.53E-05	-2.66E-04	-1.93E-04	-1.49E-04	-5.25E-04	-3.80E-04
1862	474859.97, 3847890.24	1.46315	5.21975	3.80024	-0.0001796	-0.0006406	-0.0004664	-8.39E-05	-2.99E-04	-2.18E-04	-1.66E-04	-5.91E-04	-4.30E-04
1863	474909.97, 3847440.24	0.52401	1.73532	1.38998	-6.431E-05	-0.000213	-0.0001706	-3.01E-05	-9.95E-05	-7.97E-05	-5.94E-05	-1.97E-04	-1.57E-04
1864	474909.97, 3847490.24	0.58859	1.95888	1.553	-7.223E-05	-0.0002404	-0.0001906	-3.38E-05	-1.12E-04	-8.91E-05	-6.67E-05	-2.22E-04	-1.76E-04
1865	474909.97, 3847540.24	0.64345	2.12836	1.63973	-7.896E-05	-0.0002612	-0.0002012	-3.69E-05	-1.22E-04	-9.41E-05	-7.29E-05	-2.41E-04	-1.86E-04
1866	474909.97, 3847590.24	0.70474	2.28826	1.76493	-8.648E-05	-0.0002808	-0.0002166	-4.04E-05	-1.31E-04	-1.01E-04	-7.98E-05	-2.59E-04	-2.00E-04
1867	474909.97, 3847640.24	0.77867	2.52057	1.92271	-9.556E-05	-0.0003093	-0.000236	-4.47E-05	-1.45E-04	-1.10E-04	-8.82E-05	-2.86E-04	-2.18E-04
1868	474909.97, 3847690.24	0.87004	2.82053	2.15508	-0.0001068	-0.0003461	-0.0002645	-4.99E-05	-1.62E-04	-1.24E-04	-9.86E-05	-3.20E-04	-2.44E-04
1869	474909.97, 3847740.24	0.9765	3.23311	2.43459	-0.0001198	-0.0003968	-0.0002988	-5.60E-05	-1.85E-04	-1.40E-04	-1.11E-04	-3.66E-04	-2.76E-04
1870	474909.97, 3847790.24	1.10706	3.82116	2.82689	-0.0001359	-0.0004689	-0.0003469	-6.35E-05	-2.19E-04	-1.62E-04	-1.25E-04	-4.33E-04	-3.20E-04
1871	474909.97, 3847840.24	1.25007	4.43079	3.21757	-0.0001534	-0.0005437	-0.0003949	-7.17E-05	-2.54E-04	-1.85E-04	-1.42E-04	-5.02E-04	-3.64E-04
1872	474909.97, 3847890.24	1.39224	4.97708	3.62016	-0.0001709	-0.0006108	-0.0004443	-7.99E-05	-2.85E-04	-2.08E-04	-1.58E-04	-5.64E-04	-4.10E-04
1873	474909.97, 3847940.24	1.5294	5.49365	3.99312	-0.0001877	-0.0006742	-0.00049	-8.77E-05	-3.15E-04	-2.29E-04	-1.73E-04	-6.22E-04	-4.52E-04
1874	474959.97, 3847490.24	0.56815	1.87734	1.48589	-6.972E-05	-0.0002304	-0.0001823	-3.26E-05	-1.08E-04	-8.52E-05	-6.44E-05	-2.13E-04	-1.68E-04
1875	474959.97, 3847540.24	0.62152	2.04121	1.58155	-7.627E-05	-0.0002505	-0.0001941	-3.57E-05	-1.17E-04	-9.07E-05	-7.04E-05	-2.31E-04	-1.79E-04
1876	474959.97, 3847590.24	0.68291	2.21809	1.70958	-8.381E-05	-0.0002722	-0.0002098	-3.92E-05	-1.27E-04	-9.81E-05	-7.74E-05	-2.51E-04	-1.94E-04
1877	474959.97, 3847640.24	0.76283	2.50935	1.90251	-9.361E-05	-0.0003079	-0.0002335	-4.38E-05	-1.44E-04	-1.09E-04	-8.64E-05	-2.84E-04	-2.16E-04
1878	474959.97, 3847690.24	0.85214	2.81735	2.13645	-0.0001046	-0.0003457	-0.0002622	-4.89E-05	-1.62E-04	-1.23E-04	-9.65E-05	-3.19E-04	-2.42E-04
1879	474959.97, 3847740.24	0.93806	3.11414	2.35108	-0.0001151	-0.0003822	-0.0002885	-5.38E-05	-1.79E-04	-1.35E-04	-1.06E-04	-3.53E-04	-2.66E-04
1880	474959.97, 3847790.24	1.06907	3.72151	2.73365	-0.0001312	-0.0004567	-0.0003355	-6.13E-05	-2.13E-04	-1.57E-04	-1.21E-04	-4.22E-04	-3.10E-04
1881	474959.97, 3847840.24	1.19691	4.26631	3.09514	-0.0001469	-0.0005236	-0.0003798	-6.87E-05	-2.45E-04	-1.78E-04	-1.36E-04	-4.83E-04	-3.51E-04

1882	474959.97, 3847890.24	1.32463	4.74267	3.42792	-0.0001626	-0.000582	-0.0004207	-7.60E-05	-2.72E-04	-1.97E-04	-1.50E-04	-5.37E-04	-3.88E-04
1883	474959.97, 3847940.24	1.45572	5.24498	3.7988	-0.0001786	-0.0006437	-0.0004662	-8.35E-05	-3.01E-04	-2.18E-04	-1.65E-04	-5.94E-04	-4.30E-04
1884	474959.97, 3847990.24	1.59483	5.80848	4.17051	-0.0001957	-0.0007128	-0.0005118	-9.15E-05	-3.33E-04	-2.39E-04	-1.81E-04	-6.58E-04	-4.72E-04
1885	475009.97, 3847540.24	0.62064	2.08532	1.59715	-7.616E-05	-0.0002559	-0.000196	-3.56E-05	-1.20E-04	-9.16E-05	-7.03E-05	-2.36E-04	-1.81E-04
1886	475009.97, 3847590.24	0.67604	2.23285	1.7044	-8.296E-05	-0.000274	-0.0002092	-3.88E-05	-1.28E-04	-9.78E-05	-7.66E-05	-2.53E-04	-1.93E-04
1887	475009.97, 3847640.24	0.74596	2.48542	1.87652	-9.154E-05	-0.000305	-0.0002303	-4.28E-05	-1.43E-04	-1.08E-04	-8.45E-05	-2.82E-04	-2.13E-04
1888	475009.97, 3847690.24	0.82743	2.76347	2.08055	-0.0001015	-0.0003391	-0.0002553	-4.75E-05	-1.59E-04	-1.19E-04	-9.37E-05	-3.13E-04	-2.36E-04
1889	475009.97, 3847740.24	0.92473	3.14286	2.34839	-0.0001135	-0.0003857	-0.0002882	-5.30E-05	-1.80E-04	-1.35E-04	-1.05E-04	-3.56E-04	-2.66E-04
1890	475009.97, 3847790.24	1.03131	3.61226	2.65166	-0.0001266	-0.0004433	-0.0003254	-5.92E-05	-2.07E-04	-1.52E-04	-1.17E-04	-4.09E-04	-3.00E-04
1891	475009.97, 3847840.24	1.14227	4.07774	2.96507	-0.0001402	-0.0005004	-0.0003639	-6.55E-05	-2.34E-04	-1.70E-04	-1.29E-04	-4.62E-04	-3.36E-04
1892	475009.97, 3847890.24	1.25952	4.52094	3.25297	-0.0001546	-0.0005548	-0.0003992	-7.22E-05	-2.59E-04	-1.87E-04	-1.43E-04	-5.12E-04	-3.68E-04
1893	475009.97, 3847940.24	1.38344	4.99352	3.60462	-0.0001698	-0.0006128	-0.0004424	-7.94E-05	-2.86E-04	-2.07E-04	-1.57E-04	-5.66E-04	-4.08E-04
1894	475009.97, 3847990.24	1.51207	5.4956	3.964	-0.0001856	-0.0006744	-0.0004865	-8.67E-05	-3.15E-04	-2.27E-04	-1.71E-04	-6.23E-04	-4.49E-04
1895	475059.97, 3847590.24	0.67151	2.26071	1.71234	-8.241E-05	-0.0002774	-0.0002101	-3.85E-05	-1.30E-04	-9.82E-05	-7.61E-05	-2.56E-04	-1.94E-04
1896	475059.97, 3847640.24	0.72857	2.45197	1.84377	-8.941E-05	-0.0003009	-0.0002263	-4.18E-05	-1.41E-04	-1.06E-04	-8.25E-05	-2.78E-04	-2.09E-04
1897	475059.97, 3847690.24	0.79706	2.66533	2.00271	-9.781E-05	-0.0003271	-0.0002458	-4.57E-05	-1.53E-04	-1.15E-04	-9.03E-05	-3.02E-04	-2.27E-04
1898	475059.97, 3847740.24	0.87983	2.96703	2.21862	-0.000108	-0.0003641	-0.0002723	-5.05E-05	-1.70E-04	-1.27E-04	-9.97E-05	-3.36E-04	-2.51E-04
1899	475059.97, 3847790.24	0.97454	3.37006	2.48742	-0.0001196	-0.0004136	-0.0003053	-5.59E-05	-1.93E-04	-1.43E-04	-1.10E-04	-3.82E-04	-2.82E-04
1900	475059.97, 3847840.24	1.07878	3.81867	2.78207	-0.0001324	-0.0004686	-0.0003414	-6.19E-05	-2.19E-04	-1.60E-04	-1.22E-04	-4.33E-04	-3.15E-04
1901	475059.97, 3847890.24	1.18331	4.2116	3.04761	-0.0001452	-0.0005168	-0.000374	-6.79E-05	-2.42E-04	-1.75E-04	-1.34E-04	-4.77E-04	-3.45E-04
1902	475059.97, 3847940.24	1.30878	4.71611	3.40665	-0.0001606	-0.0005788	-0.0004181	-7.51E-05	-2.71E-04	-1.95E-04	-1.48E-04	-5.34E-04	-3.86E-04
1903	475059.97, 3847990.24	1.43074	5.17755	3.7664	-0.0001756	-0.0006354	-0.0004622	-8.21E-05	-2.97E-04	-2.16E-04	-1.62E-04	-5.87E-04	-4.27E-04
1904	475059.97, 3848040.24	1.54822	5.6389	4.04459	-0.00019	-0.000692	-0.0004963	-8.88E-05	-3.23E-04	-2.32E-04	-1.75E-04	-6.39E-04	-4.58E-04
1905	475109.97, 3847640.24	0.72853	2.52403	1.87802	-8.94E-05	-0.0003097	-0.0002305	-4.18E-05	-1.45E-04	-1.08E-04	-8.25E-05	-2.86E-04	-2.13E-04
1906	475109.97, 3847690.24	0.77527	2.61483	1.96094	-9.514E-05	-0.0003209	-0.0002406	-4.45E-05	-1.50E-04	-1.12E-04	-8.78E-05	-2.96E-04	-2.22E-04
1907	475109.97, 3847740.24	0.84473	2.84363	2.12938	-0.0001037	-0.000349	-0.0002613	-4.85E-05	-1.63E-04	-1.22E-04	-9.57E-05	-3.22E-04	-2.41E-04
1908	475109.97, 3847790.24	0.94885	3.31865	2.43686	-0.0001164	-0.0004073	-0.000299	-5.44E-05	-1.90E-04	-1.40E-04	-1.07E-04	-3.76E-04	-2.76E-04
1909	475109.97, 3847840.24	1.0626	3.85383	2.77432	-0.0001304	-0.0004729	-0.0003405	-6.10E-05	-2.21E-04	-1.59E-04	-1.20E-04	-4.37E-04	-3.14E-04
1910	475109.97, 3847890.24	1.17059	4.29802	3.0708	-0.0001437	-0.0005274	-0.0003768	-6.71E-05	-2.47E-04	-1.76E-04	-1.33E-04	-4.87E-04	-3.48E-04
1911	475109.97, 3847940.24	1.27891	4.70358	3.39011	-0.0001569	-0.0005772	-0.000416	-7.34E-05	-2.70E-04	-1.94E-04	-1.45E-04	-5.33E-04	-3.84E-04
1912	475109.97, 3847990.24	1.38929	5.1139	3.70415	-0.0001705	-0.0006276	-0.0004546	-7.97E-05	-2.93E-04	-2.12E-04	-1.57E-04	-5.79E-04	-4.20E-04
1913	475109.97, 3848040.24	1.49805	5.52112	3.97114	-0.0001838	-0.0006775	-0.0004873	-8.59E-05	-3.17E-04	-2.28E-04	-1.70E-04	-6.25E-04	-4.50E-04
1914	475109.97, 3848090.24	1.61429	6.00666	4.24819	-0.0001981	-0.0007371	-0.0005213	-9.26E-05	-3.45E-04	-2.44E-04	-1.83E-04	-6.80E-04	-4.81E-04
1915	475159.97, 3847690.24	0.78807	2.78385	2.05575	-9.671E-05	-0.0003416	-0.0002523	-4.52E-05	-1.60E-04	-1.18E-04	-8.93E-05	-3.15E-04	-2.33E-04
1916	475159.97, 3847740.24	0.84761	2.95378	2.18334	-0.000104	-0.0003625	-0.0002679	-4.86E-05	-1.69E-04	-1.25E-04	-9.60E-05	-3.35E-04	-2.47E-04
1917	475159.97, 3847790.24	0.93691	3.34951	2.44522	-0.000115	-0.000411	-0.0003001	-5.37E-05	-1.92E-04	-1.40E-04	-1.06E-04	-3.79E-04	-2.77E-04
1918	475159.97, 3847840.24	1.04205	3.85094	2.75491	-0.0001279	-0.0004726	-0.0003381	-5.98E-05	-2.21E-04	-1.58E-04	-1.18E-04	-4.36E-04	-3.12E-04
1919	475159.97, 3847890.24	1.13992	4.25583	3.0309	-0.0001399	-0.0005223	-0.0003719	-6.54E-05	-2.44E-04	-1.74E-04	-1.29E-04	-4.82E-04	-3.43E-04
1920	475159.97, 3847940.24	1.23279	4.57842	3.27753	-0.0001513	-0.0005619	-0.0004022	-7.07E-05	-2.63E-04	-1.88E-04	-1.40E-04	-5.19E-04	-3.71E-04
1921	475159.97, 3847990.24	1.31917	4.85627	3.50971	-0.0001619	-0.000596	-0.0004307	-7.57E-05	-2.79E-04	-2.01E-04	-1.49E-04	-5.50E-04	-3.98E-04
1922	475159.97, 3848040.24	1.41757	5.20194	3.76942	-0.000174	-0.0006384	-0.0004626	-8.13E-05	-2.98E-04	-2.16E-04	-1.61E-04	-5.89E-04	-4.27E-04
1923	475159.97, 3848090.24	1.52765	5.64329	4.00574	-0.0001875	-0.0006925	-0.0004916	-8.76E-05	-3.24E-04	-2.30E-04	-1.73E-04	-6.39E-04	-4.54E-04
1924	475159.97, 3848140.24	1.65412	6.20875	4.41635	-0.000203	-0.0007619	-0.000542	-9.49E-05	-3.56E-04	-2.53E-04	-1.87E-04	-7.03E-04	-5.00E-04
1925	475209.97, 3847740.24	0.85419	3.09439	2.24652	-0.0001048	-0.0003797	-0.0002757	-4.90E-05	-1.77E-04	-1.29E-04	-9.68E-05	-3.51E-04	-2.54E-04
1926	475209.97, 3847790.24	0.93134	3.41614	2.474	-0.0001143	-0.0004192	-0.0003036	-5.34E-05	-1.96E-04	-1.42E-04	-1.06E-04	-3.87E-04	-2.80E-04
1927	475209.97, 3847840.24	1.00891	3.75472	2.67883	-0.0001238	-0.0004608	-0.0003287	-5.79E-05	-2.15E-04	-1.54E-04	-1.14E-04	-4.25E-04	-3.03E-04
1928	475209.97, 3847890.24	1.09055	4.07721	2.90753	-0.0001338	-0.0005003	-0.0003568	-6.26E-05	-2.34E-04	-1.67E-04	-1.24E-04	-4.62E-04	-3.29E-04
1929	475209.97, 3847940.24	1.16339	4.29548	3.0512	-0.0001428	-0.0005271	-0.0003744	-6.67E-05	-2.46E-04	-1.75E-04	-1.32E-04	-4.87E-04	-3.46E-04
1930	475209.97, 3847990.24	1.23864	4.52368	3.27097	-0.000152	-0.0005551	-0.0004014	-7.10E-05	-2.59E-04	-1.88E-04	-1.40E-04	-5.12E-04	-3.71E-04
1931	475209.97, 3848040.24	1.33821	4.87373	3.55633	-0.0001642	-0.0005981	-0.0004364	-7.68E-05	-2.80E-04	-2.04E-04	-1.52E-04	-5.52E-04	-4.03E-04
1932	475209.97, 3848090.24	1.46219	5.40114	3.86646	-0.0001794	-0.0006628	-0.0004745	-8.39E-05	-3.10E-04	-2.22E-04	-1.66E-04	-6.12E-04	-4.38E-04
1933	475209.97, 3848140.24	1.58678	5.97325	4.24019	-0.0001947	-0.000733	-0.0005203	-9.10E-05	-3.43E-04	-2.43E-04	-1.80E-04	-6.77E-04	-4.80E-04
1934	475209.97, 3848190.24	1.72249	6.57564	4.67193	-0.0002114	-0.000807	-0.0005733	-9.88E-05	-3.77E-04	-2.68E-04	-1.95E-04	-7.45E-04	-5.29E-04
1935	475259.97, 3847790.24	0.88487	3.20397	2.32947	-0.0001086	-0.0003932	-0.0002859	-5.08E-05	-1.84E-04	-1.34E-04	-1.00E-04	-3.63E-04	-2.64E-04
1936	475259.97, 3847840.24	0.94798	3.46204	2.48716	-0.0001163	-0.0004249	-0.0003052	-5.44E-05	-1.99E-04	-1.43E-04	-1.07E-04	-3.92E-04	-2.82E-04
1937	475259.97, 3847890.24	1.02887	3.80185	2.71647	-0.0001263	-0.0004666	-0.0003334	-5.90E-05	-2.18E-04	-1.56E-04	-1.17E-04	-4.31E-04	-3.08E-04
1938	475259.97, 3847940.24	1.09091	3.97516	2.83706	-0.0001339	-0.0004878	-0.0003482	-6.26E-05	-2.28E-04	-1.63E-04	-1.24E-04	-4.50E-04	-3.21E-04
1939	475259.97, 3847990.24	1.16075	4.19375	3.03636	-0.0001424	-0.0005146	-0.0003726	-6.66E-05	-2.41E-04	-1.74E-04	-1.31E-04	-4.75E-04	-3.44E-04
1940	475259.97, 3848040.24	1.27211	4.61935	3.38262	-0.0001561	-0.0005669	-0.0004151	-7.30E-05	-2.65E-04	-1.94E-04	-1.44E-04	-5.23E-04	-3.83E-04
1941	475259.97, 3848090.24	1.39999	5.18115	3.73194	-0.0001718	-0.0006358	-0.000458	-8.03E-05	-2.97E-04	-2.14E-04	-1.59E-04	-5.87E-04	-4.23E-04
1942	475259.97, 3848140.24	1.53172	5.80248	4.10455	-0.000188	-0.0007121	-0.0005037	-8.79E-05	-3.33E-04	-2.35E-04	-1.74E-04	-6.57E-04	-4.65E-04
1943	475259.97, 3848190.24	1.65178	6.3256	4.46661	-0.0002027	-0.0007763	-0.0005481	-9.47E-05	-3.63E-04	-2.56E-04	-1.87E-04	-7.17E-04	-5.06E-04
1944	475259.97, 3848240.24	1.79032	6.92212	4.90025	-0.0002197	-0.0008495	-0.0006014	-1.03E-04	-3.97E-04	-2.81E-04	-2.03E-04	-7.84E-04	-5.55E-04
1945	475309.97, 3847840.24	0.89384	3.20227	2.32066	-0.0001097	-0.000393	-0.0002848	-5.13E-05	-1.84E-04	-1.33E-04	-1.01E-04	-3.63E-04	-2.63E-04
1946	475309.97, 3847890.24	0.97402	3.55702	2.53463	-0.0001195	-0.0004365	-0.000311	-5.59E-05	-2.04E-04	-1.45E-04	-1.10E-04	-4.03E-04	-2.87E-04
1947	475309.97, 3847940.24	1.01157	3.59404	2.59071	-0.0001241	-0.0004411	-0.0003179	-5.80E-05	-2.06E-04	-1.49E-04	-1.15E-04	-4.07E-04	-2.93E-04
1948	475309.97, 3847990.24	1.07619	3.80183	2.7622	-0.0001321	-0.0004666	-0.000339	-6.17E-05	-2.18E-04	-1.58E-04	-1.22E-04	-4.31E-04	-3.13E-04
1949	475309.97, 3848040.24	1.19581	4.30343	3.14553	-0.0001467	-0.0005281	-0.000386	-6.86E-05	-2.47E-04	-1.80E-04	-1.35E-04	-4.87E-04	-3.56E-04
1950	475309.97, 3848090.24	1.32908	4.89728	3.55242	-0.0001631	-0.000601	-0.0004359	-7.62E-05	-2.81E-04	-2.04E-04	-1.51E-04	-5.55E-04	-4.02E-04
1951	475309.97, 3848140.24	1.46121	5.51873	3.92106	-0.0001793	-0.0006772	-0.0004812	-8.38E-05	-3.17E-04	-2.25E-04	-1.66E-04	-6.25E-04	-4.44E-04
1952	475309.97, 3848190.24	1.58725	6.10185	4.30369	-0.0001948	-0.0007488	-0.0005281	-9.10E-05	-3.50E-04	-2.47E-04	-1.80E-04	-6.91E-04	-4.88E-04
1953	475309.97, 3848240.24	1.70861	6.61408	4.69168	-0.0002097	-0.0008117	-0.0005758	-9.80E-05	-3.79E-04	-2.69E-04	-1.94E-04	-7.49E-04	-5.31E-04
1954	475309.97, 3848290.24	1.83622	7.11112	5.03039	-0.0002253	-0.0008727	-0.0006173	-1.05E-04	-4.08E-04	-2.89E-04	-2.08E-04	-8.06E-04	-5.70E-04
1955	475359.97, 3847890.24	0.92069	3.30907	2.36129	-0.000113	-0.0004061	-0.0002898	-5.28E-05	-1.90E-04	-1.35E-04	-1.04E-04	-3.75E-04	-2.67E-04
1956	475359.97, 3847940.24	0.95303	3.32874	2.41236	-0.000117	-0.0004085	-0.000296	-5.47E-05	-1.91E-04	-1.38E-04	-1.08E-04	-3.77E-04	-2.73E-04
1957	475359.97, 3847990.24	1.02099	3.57867	2.60089	-0.0001253	-0.0004392	-0.0003192	-5.86E-05	-2.05E-04	-1.49E-04	-1.16E-04	-4.05E-04	-2.95E-04
1958	475359.97, 3848040.24	1.12986	4.03868	2.94924	-0.0001387	-0.0004956	-0.0003619	-6.48E-05	-2.32E-04	-1.69E-04	-1.28E-04	-4.57E-04	-3.34E-04
1959	475359.97, 3848090.24	1.24948	4.54158	3.32082	-0.0001533	-0.0005573	-0.0004075	-7.17E-05	-2.61E-04	-1.90E-04	-1.42E-04	-5.14E-04	-3.76E-04
1960	475359.97, 3848140.24	1.38199	5.16407	3.68893	-0.0001696	-0.0006337	-0.0004527	-7.93E-05	-2.96E-04	-2.12E-04	-1.57E-04	-5.85E-04	-4.18E-04
1961	475359.97, 3848190.24	1.49897	5.71236	4.04851	-0.000184	-0.000701	-0.0004968	-8.60E-05	-3.28E-04	-2.32E-04	-1.70E-04	-6.47E-04	-4.59E-04
1962	475359.97, 3848240.24	1.61934	6.24495	4.43668	-0.0001987	-0.0007664	-0.0005445	-9.29E-05	-3.58E-04	-2.54E-04	-1.83E-04	-7.07E-04	-5.03E-04
1963	475409.97, 3847940.24	0.91361	3.17419	2.31251	-0.0001121	-0.0003895	-0.0002838	-5.24E-05	-1.82E-04	-1.33E-04	-1.03E-04	-3.60E-04	-2.62E-04

1964	475409.97, 3847990.24	0.97305	3.3878	2.45088	-0.0001194	-0.0004157	-0.0003008	-5.58E-05	-1.94E-04	-1.41E-04	-1.10E-04	-3.84E-04	-2.78E-04
1965	475409.97, 3848040.24	1.07841	3.84992	2.81165	-0.0001323	-0.0004725	-0.000345	-6.19E-05	-2.21E-04	-1.61E-04	-1.22E-04	-4.36E-04	-3.19E-04
1966	475409.97, 3848090.24	1.18841	4.29435	3.15612	-0.0001458	-0.000527	-0.0003873	-6.82E-05	-2.46E-04	-1.81E-04	-1.35E-04	-4.86E-04	-3.58E-04
1967	475409.97, 3848140.24	1.29643	4.75863	3.4376	-0.0001591	-0.000584	-0.0004219	-7.44E-05	-2.73E-04	-1.97E-04	-1.47E-04	-5.39E-04	-3.89E-04
1968	475409.97, 3848190.24	1.40974	5.30145	3.77599	-0.000173	-0.0006506	-0.0004634	-8.09E-05	-3.04E-04	-2.17E-04	-1.60E-04	-6.01E-04	-4.28E-04
1969	475459.97, 3848040.24	1.018	3.58923	2.62422	-0.0001249	-0.0004405	-0.000322	-5.84E-05	-2.06E-04	-1.51E-04	-1.15E-04	-4.07E-04	-2.97E-04
1970	475459.97, 3848090.24	1.11369	3.96488	2.91592	-0.0001367	-0.0004866	-0.0003578	-6.39E-05	-2.27E-04	-1.67E-04	-1.26E-04	-4.49E-04	-3.30E-04
1971	475459.97, 3848140.24	1.21147	4.36085	3.16669	-0.0001487	-0.0005352	-0.0003886	-6.95E-05	-2.50E-04	-1.82E-04	-1.37E-04	-4.94E-04	-3.59E-04
1972	475509.97, 3848090.24	1.04101	3.63547	2.68005	-0.0001278	-0.0004461	-0.0003289	-5.97E-05	-2.09E-04	-1.54E-04	-1.18E-04	-4.12E-04	-3.04E-04
1973	475837.85, 3848791.56	2.2653	8.54597	6.18276	-0.000278	-0.0010487	-0.0007587	-1.30E-04	-4.90E-04	-3.55E-04	-2.57E-04	-9.68E-04	-7.00E-04
1974	475837.85, 3848841.56	2.50138	9.45372	6.83709	-0.000307	-0.0011601	-0.000839	-1.43E-04	-5.42E-04	-3.92E-04	-2.83E-04	-1.07E-03	-7.75E-04
1975	475837.85, 3848891.56	2.80125	10.47482	7.57233	-0.0003438	-0.0012855	-0.0009293	-1.61E-04	-6.01E-04	-4.34E-04	-3.17E-04	-1.19E-03	-8.58E-04
1976	475887.85, 3848691.56	1.82647	7.01865	4.94948	-0.0002241	-0.0008613	-0.0006074	-1.05E-04	-4.03E-04	-2.84E-04	-2.07E-04	-7.95E-04	-5.61E-04
1977	475887.85, 3848741.56	1.98584	7.54396	5.33657	-0.0002437	-0.0009258	-0.0006549	-1.14E-04	-4.33E-04	-3.06E-04	-2.25E-04	-8.55E-04	-6.05E-04
1978	475887.85, 3848791.56	2.16234	8.11071	5.84447	-0.0002654	-0.0009953	-0.0007172	-1.24E-04	-4.65E-04	-3.35E-04	-2.45E-04	-9.19E-04	-6.62E-04
1979	475887.85, 3848841.56	2.37903	8.91532	6.4958	-0.000292	-0.0010941	-0.0007972	-1.36E-04	-5.11E-04	-3.73E-04	-2.69E-04	-1.01E-03	-7.36E-04
1980	475887.85, 3848891.56	2.66612	9.95445	7.25656	-0.0003272	-0.0012216	-0.0008905	-1.53E-04	-5.71E-04	-4.16E-04	-3.02E-04	-1.13E-03	-8.22E-04
1981	475937.85, 3848591.56	1.52713	5.92157	4.20139	-0.0001874	-0.0007267	-0.0005156	-8.76E-05	-3.40E-04	-2.41E-04	-1.73E-04	-6.71E-04	-4.76E-04
1982	475937.85, 3848641.56	1.63353	6.31894	4.48045	-0.0002005	-0.0007754	-0.0005498	-9.37E-05	-3.62E-04	-2.57E-04	-1.85E-04	-7.16E-04	-5.08E-04
1983	475937.85, 3848691.56	1.74555	6.72946	4.74353	-0.0002142	-0.0008258	-0.0005821	-1.00E-04	-3.86E-04	-2.72E-04	-1.98E-04	-7.62E-04	-5.37E-04
1984	475937.85, 3848741.56	1.90008	7.25808	5.10768	-0.0002332	-0.0008907	-0.0006268	-1.09E-04	-4.16E-04	-2.93E-04	-2.15E-04	-8.22E-04	-5.79E-04
1985	475937.85, 3848791.56	2.06309	7.74934	5.5028	-0.0002532	-0.000951	-0.0006753	-1.18E-04	-4.45E-04	-3.16E-04	-2.34E-04	-8.78E-04	-6.23E-04
1986	475937.85, 3848841.56	2.27572	8.48154	6.17906	-0.0002793	-0.0010408	-0.0007583	-1.31E-04	-4.87E-04	-3.54E-04	-2.58E-04	-9.61E-04	-7.00E-04
1987	475937.85, 3848891.56	2.56064	9.55865	6.92614	-0.0003142	-0.001173	-0.00085	-1.47E-04	-5.48E-04	-3.97E-04	-2.90E-04	-1.08E-03	-7.85E-04
1988	475987.85, 3848591.56	1.45716	5.61281	4.00751	-0.0001788	-0.0006888	-0.0004918	-8.36E-05	-3.22E-04	-2.30E-04	-1.65E-04	-6.36E-04	-4.54E-04
1989	475987.85, 3848641.56	1.56638	6.04582	4.32964	-0.0001922	-0.0007419	-0.0005313	-8.98E-05	-3.47E-04	-2.48E-04	-1.77E-04	-6.85E-04	-4.90E-04
1990	475987.85, 3848691.56	1.67976	6.47529	4.58033	-0.0002061	-0.0007946	-0.0005621	-9.64E-05	-3.71E-04	-2.63E-04	-1.90E-04	-7.34E-04	-5.19E-04
1991	475987.85, 3848741.56	1.79842	6.87822	4.86418	-0.0002207	-0.0008441	-0.0005969	-1.03E-04	-3.95E-04	-2.79E-04	-2.04E-04	-7.79E-04	-5.51E-04
1992	475987.85, 3848791.56	1.97376	7.44812	5.2582	-0.0002422	-0.000914	-0.0006453	-1.13E-04	-4.27E-04	-3.02E-04	-2.24E-04	-8.44E-04	-5.96E-04
1993	476037.85, 3848591.56	1.39352	5.33449	3.8287	-0.000171	-0.0006546	-0.0004699	-7.99E-05	-3.06E-04	-2.20E-04	-1.58E-04	-6.04E-04	-4.34E-04
1994	476037.85, 3848641.56	1.49865	5.75919	4.15273	-0.0001839	-0.0007068	-0.0005096	-8.60E-05	-3.30E-04	-2.38E-04	-1.70E-04	-6.52E-04	-4.70E-04
1995	473244.83, 3847557.25	3.05846	22.83699	14.94177	-0.0003753	-0.0028025	-0.0018336	-1.75E-04	-1.31E-03	-8.57E-04	-3.46E-04	-2.59E-03	-1.69E-03
1996	473269.83, 3847582.25	2.98586	21.43985	14.24363	-0.0003664	-0.0026311	-0.001748	-1.71E-04	-1.23E-03	-8.17E-04	-3.38E-04	-2.43E-03	-1.61E-03
1997	473269.83, 3847607.25	2.38591	18.23829	12.13354	-0.0002928	-0.0022382	-0.001489	-1.37E-04	-1.05E-03	-6.96E-04	-2.70E-04	-2.07E-03	-1.37E-03
1998	473269.83, 3847632.25	2.00926	16.01196	10.54112	-0.0002466	-0.001965	-0.0012936	-1.15E-04	-9.18E-04	-6.05E-04	-2.28E-04	-1.81E-03	-1.19E-03
1999	473269.83, 3847657.25	1.7464	14.33303	9.39038	-0.0002143	-0.0017589	-0.0011524	-1.00E-04	-8.22E-04	-5.39E-04	-1.98E-04	-1.62E-03	-1.06E-03
2000	473269.83, 3847682.25	1.55162	13.06634	8.47134	-0.0001904	-0.0016035	-0.0010396	-8.90E-05	-7.49E-04	-4.86E-04	-1.76E-04	-1.48E-03	-9.60E-04
2001	473269.83, 3847707.25	1.40948	12.09475	7.81428	-0.000173	-0.0014842	-0.000959	-8.08E-05	-6.94E-04	-4.48E-04	-1.60E-04	-1.37E-03	-8.85E-04
2002	473269.83, 3847732.25	1.29172	11.25028	7.24026	-0.0001585	-0.0013806	-0.0008885	-7.41E-05	-6.45E-04	-4.15E-04	-1.46E-04	-1.27E-03	-8.20E-04
2003	473269.83, 3847757.25	1.19433	10.52672	6.76179	-0.0001466	-0.0012918	-0.0008298	-6.85E-05	-6.04E-04	-3.88E-04	-1.35E-04	-1.19E-03	-7.66E-04
2004	473269.83, 3847782.25	1.11364	9.91261	6.35569	-0.0001367	-0.0012165	-0.00078	-6.39E-05	-5.69E-04	-3.65E-04	-1.26E-04	-1.12E-03	-7.20E-04
2005	473269.83, 3847807.25	1.04328	9.36486	5.99865	-0.000128	-0.0011492	-0.0007361	-5.98E-05	-5.37E-04	-3.44E-04	-1.18E-04	-1.06E-03	-6.80E-04
2006	473269.83, 3847832.25	0.98713	8.9275	5.70543	-0.0001211	-0.0010956	-0.0007002	-5.66E-05	-5.12E-04	-3.27E-04	-1.12E-04	-1.01E-03	-6.46E-04
2007	473269.83, 3847857.25	0.93694	8.53202	5.43242	-0.000115	-0.001047	-0.0006667	-5.37E-05	-4.89E-04	-3.12E-04	-1.06E-04	-9.67E-04	-6.15E-04
2008	473269.83, 3847882.25	0.8916	8.17118	5.2081	-0.0001094	-0.0010028	-0.0006391	-5.11E-05	-4.69E-04	-2.99E-04	-1.01E-04	-9.26E-04	-5.90E-04
2009	473269.83, 3847907.25	0.85037	7.84099	5.00268	-0.0001044	-0.0009622	-0.0006139	-4.88E-05	-4.50E-04	-2.87E-04	-9.63E-05	-8.88E-04	-5.67E-04
2010	473269.83, 3847932.25	0.81337	7.54894	4.80215	-9.982E-05	-0.0009264	-0.0005893	-4.67E-05	-4.33E-04	-2.75E-04	-9.21E-05	-8.55E-04	-5.44E-04
2011	473269.83, 3847957.25	0.78055	7.30185	4.62463	-9.579E-05	-0.0008961	-0.0005675	-4.48E-05	-4.19E-04	-2.65E-04	-8.84E-05	-8.27E-04	-5.24E-04
2012	473269.83, 3847982.25	0.74971	7.06925	4.4592	-9.2E-05	-0.0008675	-0.0005472	-4.30E-05	-4.05E-04	-2.56E-04	-8.49E-05	-8.01E-04	-5.05E-04
2013	473294.83, 3847607.25	2.84672	20.10935	13.54701	-0.0003493	-0.0024678	-0.0016625	-1.63E-04	-1.15E-03	-7.77E-04	-3.22E-04	-2.28E-03	-1.53E-03
2014	473294.83, 3847632.25	2.31561	17.34088	11.60188	-0.0002842	-0.002128	-0.0014238	-1.33E-04	-9.95E-04	-6.65E-04	-2.62E-04	-1.96E-03	-1.31E-03
2015	473294.83, 3847657.25	1.96469	15.32926	10.16902	-0.0002411	-0.0018812	-0.0012479	-1.13E-04	-8.79E-04	-5.83E-04	-2.23E-04	-1.74E-03	-1.15E-03
2016	473294.83, 3847682.25	1.71816	13.84915	9.15587	-0.0002108	-0.0016995	-0.0011236	-9.86E-05	-7.94E-04	-5.25E-04	-1.95E-04	-1.57E-03	-1.04E-03
2017	473294.83, 3847707.25	1.53666	12.71472	8.38541	-0.0001886	-0.0015603	-0.001029	-8.81E-05	-7.29E-04	-4.81E-04	-1.74E-04	-1.44E-03	-9.50E-04
2018	473294.83, 3847732.25	1.39708	11.79141	7.71635	-0.0001714	-0.001447	-0.0009469	-8.01E-05	-6.76E-04	-4.43E-04	-1.58E-04	-1.34E-03	-8.74E-04
2019	473294.83, 3847757.25	1.28508	11.01804	7.16581	-0.0001577	-0.0013521	-0.0008794	-7.37E-05	-6.32E-04	-4.11E-04	-1.46E-04	-1.25E-03	-8.12E-04
2020	473294.83, 3847782.25	1.19038	10.33974	6.69208	-0.0001461	-0.0012689	-0.0008212	-6.83E-05	-5.93E-04	-3.84E-04	-1.35E-04	-1.17E-03	-7.58E-04
2021	473294.83, 3847807.25	1.10598	9.71271	6.26415	-0.0001357	-0.0011919	-0.0007687	-6.34E-05	-5.57E-04	-3.59E-04	-1.25E-04	-1.10E-03	-7.10E-04
2022	473294.83, 3847832.25	1.03998	9.21931	5.92765	-0.0001276	-0.0011314	-0.0007274	-5.97E-05	-5.29E-04	-3.40E-04	-1.18E-04	-1.04E-03	-6.71E-04
2023	473294.83, 3847857.25	0.98398	8.79698	5.64079	-0.0001208	-0.0010796	-0.0006922	-5.64E-05	-5.05E-04	-3.24E-04	-1.11E-04	-9.97E-04	-6.39E-04
2024	473294.83, 3847882.25	0.93411	8.41614	5.37568	-0.0001146	-0.0010328	-0.0006597	-5.36E-05	-4.83E-04	-3.08E-04	-1.06E-04	-9.53E-04	-6.09E-04
2025	473294.83, 3847907.25	0.88918	8.06969	5.14959	-0.0001091	-0.0009903	-0.0006319	-5.10E-05	-4.63E-04	-2.95E-04	-1.01E-04	-9.14E-04	-5.83E-04
2026	473294.83, 3847932.25	0.84955	7.76474	4.95165	-0.0001043	-0.0009529	-0.0006077	-4.87E-05	-4.45E-04	-2.84E-04	-9.62E-05	-8.80E-04	-5.61E-04
2027	473294.83, 3847957.25	0.81339	7.48624	4.76722	-9.982E-05	-0.0009187	-0.000585	-4.67E-05	-4.29E-04	-2.73E-04	-9.21E-05	-8.48E-04	-5.40E-04
2028	473294.83, 3847982.25	0.77997	7.22936	4.58922	-9.572E-05	-0.0008872	-0.0005632	-4.47E-05	-4.15E-04	-2.63E-04	-8.84E-05	-8.19E-04	-5.20E-04
2029	473294.83, 3848007.25	0.74819	6.99221	4.41299	-9.182E-05	-0.0008581	-0.0005416	-4.29E-05	-4.01E-04	-2.53E-04	-8.48E-05	-7.92E-04	-5.00E-04
2030	473319.83, 3847607.25	3.53179	22.94868	15.62419	-0.0004334	-0.0028162	-0.0019174	-2.03E-04	-1.32E-03	-8.96E-04	-4.00E-04	-2.60E-03	-1.77E-03
2031	473319.83, 3847632.25	2.71167	19.03303	12.91944	-0.0003328	-0.0023357	-0.0015855	-1.56E-04	-1.09E-03	-7.41E-04	-3.07E-04	-2.16E-03	-1.46E-03
2032	473319.83, 3847657.25	2.2196	16.42634	11.03126	-0.0002724	-0.0020158	-0.0013537	-1.27E-04	-9.42E-04	-6.33E-04	-2.51E-04	-1.86E-03	-1.25E-03
2033	473319.83, 3847682.25	1.90666	14.66451	9.80469	-0.000234	-0.0017996	-0.0012032	-1.09E-04	-8.41E-04	-5.62E-04	-2.16E-04	-1.66E-03	-1.11E-03
2034	473319.83, 3847707.25	1.68344	13.3835	8.9037	-0.0002066	-0.0016424	-0.0010926	-9.66E-05	-7.68E-04	-5.11E-04	-1.91E-04	-1.52E-03	-1.01E-03
2035	473319.83, 3847732.25	1.51431	12.34542	8.19136	-0.0001858	-0.001515	-0.0010052	-8.69E-05	-7.08E-04	-4.70E-04	-1.72E-04	-1.40E-03	-9.28E-04
2036	473319.83, 3847757.25	1.37964	11.47343	7.57759	-0.0001693	-0.001408	-0.0009299	-7.91E-05	-6.58E-04	-4.35E-04	-1.56E-04	-1.30E-03	-8.58E-04
2037	473319.83, 3847782.25	1.26847	10.72152	7.05089	-0.0001557	-0.0013157	-0.0008653	-7.28E-05	-6.15E-04	-4.04E-04	-1.44E-04	-1.21E-03	-7.99E-04
2038	473319.83, 3847807.25	1.17601	10.07542	6.59883	-0.0001443	-0.0012364	-0.0008098	-6.75E-05	-5.78E-04	-3.79E-04	-1.33E-04	-1.14E-03	-7.48E-04
2039	473319.83, 3847832.25	1.10341	9.5634	6.23318	-0.0001354	-0.0011736	-0.0007649	-6.33E-05	-5.49E-04	-3.58E-04	-1.25E-04	-1.08E-03	-7.06E-04
2040	473319.83, 3847857.25	1.03609	9.07206	5.89515	-0.0001271	-0.0011133	-0.0007234	-5.94E-05	-5.20E-04	-3.38E-04	-1.17E-04	-1.03E-03	-6.68E-04
2041	473319.83, 3847882.25	0.97874	8.64897	5.59478	-0.0001201	-0.0010614	-0.0006866	-5.61E-05	-4.96E-04	-3.21E-04	-1.11E-04	-9.80E-04	-6.34E-04
2042	473319.83, 3847907.25	0.93056	8.29424	5.34943	-0.0001142	-0.0010179	-0.0006565	-5.34E-05	-4.76E-04	-3.07E-04	-1.05E-04	-9.40E-04	-6.06E-04
2043	473319.83, 3847932.25	0.8871	7.97164	5.1293	-0.0001089	-0.0009783	-0.0006295	-5.09E-05	-4.57E-04	-2.94E-04	-1.00E-04	-9.03E-04	-5.81E-04
2044	473319.83, 3847957.25	0.84754	7.67658	4.92247	-0.000104	-0.0009421	-0.0006041	-4.86E-05	-4.40E-04	-2.82E-04	-9.60E-05	-8.70E-04	-5.58E-04
2045	473319.83, 3847982.25	0.81208	7.41385	4.73054	-9.966E-05	-0.0009098	-0.0005805	-4.66E-05	-4.25E-04	-2.71E-04	-9.20E-05	-8.40E-04	-5.36E-04

2046	473319.83, 3848007.25	0.77815	7.16019	4.54609	-9.549E-05	-0.0008787	-0.0005579	-4.46E-05	-4.11E-04	-2.61E-04	-8.81E-05	-8.11E-04	-5.15E-04
2047	473344.83, 3847632.25	3.28834	21.54888	14.72932	-0.0004035	-0.0026444	-0.0018076	-1.89E-04	-1.24E-03	-8.45E-04	-3.73E-04	-2.44E-03	-1.67E-03
2048	473344.83, 3847657.25	2.5527	17.90345	12.19416	-0.0003133	-0.0021971	-0.0014964	-1.46E-04	-1.03E-03	-6.99E-04	-2.89E-04	-2.03E-03	-1.38E-03
2049	473344.83, 3847682.25	2.14438	15.75142	10.65882	-0.0002632	-0.001933	-0.001308	-1.23E-04	-9.04E-04	-6.11E-04	-2.43E-04	-1.78E-03	-1.21E-03
2050	473344.83, 3847707.25	1.86546	14.21569	9.51603	-0.0002289	-0.0017445	-0.0011678	-1.07E-04	-8.15E-04	-5.46E-04	-2.11E-04	-1.61E-03	-1.08E-03
2051	473344.83, 3847732.25	1.65461	13.00453	8.69691	-0.0002031	-0.0015959	-0.0010673	-9.49E-05	-7.46E-04	-4.99E-04	-1.87E-04	-1.47E-03	-9.85E-04
2052	473344.83, 3847757.25	1.48959	11.99624	8.00709	-0.0001828	-0.0014722	-0.0009826	-8.54E-05	-6.88E-04	-4.59E-04	-1.69E-04	-1.36E-03	-9.07E-04
2053	473344.83, 3847782.25	1.35951	11.16415	7.42935	-0.0001668	-0.00137	-0.0009117	-7.80E-05	-6.40E-04	-4.26E-04	-1.54E-04	-1.26E-03	-8.42E-04
2054	473344.83, 3847807.25	1.25881	10.50377	6.96037	-0.0001545	-0.001289	-0.0008542	-7.22E-05	-6.02E-04	-3.99E-04	-1.43E-04	-1.19E-03	-7.88E-04
2055	473344.83, 3847832.25	1.17164	9.91263	6.54347	-0.0001438	-0.0012165	-0.000803	-6.72E-05	-5.69E-04	-3.75E-04	-1.33E-04	-1.12E-03	-7.41E-04
2056	473344.83, 3847857.25	1.09425	9.36998	6.16356	-0.0001343	-0.0011499	-0.0007564	-6.28E-05	-5.37E-04	-3.54E-04	-1.24E-04	-1.06E-03	-6.98E-04
2057	473344.83, 3847882.25	1.02849	8.90144	5.83949	-0.0001262	-0.0010924	-0.0007166	-5.90E-05	-5.11E-04	-3.35E-04	-1.17E-04	-1.01E-03	-6.61E-04
2058	473344.83, 3847907.25	0.9732	8.50566	5.56736	-0.0001194	-0.0010438	-0.0006832	-5.58E-05	-4.88E-04	-3.19E-04	-1.10E-04	-9.64E-04	-6.31E-04
2059	473344.83, 3847932.25	0.92494	8.15869	5.31379	-0.0001135	-0.0010012	-0.0006521	-5.31E-05	-4.68E-04	-3.05E-04	-1.05E-04	-9.24E-04	-6.02E-04
2060	473344.83, 3847957.25	0.88165	7.84586	5.0962	-0.0001082	-0.0009628	-0.0006254	-5.06E-05	-4.50E-04	-2.92E-04	-9.99E-05	-8.89E-04	-5.77E-04
2061	473344.83, 3847982.25	0.84267	7.56462	4.89476	-0.0001034	-0.0009283	-0.0006007	-4.83E-05	-4.34E-04	-2.81E-04	-9.55E-05	-8.57E-04	-5.54E-04
2062	473344.83, 3848007.25	0.807	7.30778	4.68532	-9.903E-05	-0.0008968	-0.000575	-4.63E-05	-4.19E-04	-2.69E-04	-9.14E-05	-8.28E-04	-5.31E-04
2063	473344.83, 3848032.25	0.77448	7.07528	4.50373	-9.504E-05	-0.0008683	-0.0005527	-4.44E-05	-4.06E-04	-2.58E-04	-8.77E-05	-8.01E-04	-5.10E-04
2064	473369.83, 3847632.25	4.12236	24.99572	17.11399	-0.0005059	-0.0030674	-0.0021002	-2.36E-04	-1.43E-03	-9.82E-04	-4.67E-04	-2.83E-03	-1.94E-03
2065	473369.83, 3847657.25	3.03911	20.10807	13.73892	-0.000373	-0.0024676	-0.001686	-1.74E-04	-1.15E-03	-7.88E-04	-3.44E-04	-2.28E-03	-1.56E-03
2066	473369.83, 3847682.25	2.46293	17.27969	11.80037	-0.0003022	-0.0021205	-0.0014481	-1.41E-04	-9.91E-04	-6.77E-04	-2.79E-04	-1.96E-03	-1.34E-03
2067	473369.83, 3847707.25	2.0914	15.29426	10.36543	-0.0002567	-0.0018769	-0.001272	-1.20E-04	-8.77E-04	-5.95E-04	-2.37E-04	-1.73E-03	-1.17E-03
2068	473369.83, 3847732.25	1.82024	13.78101	9.30176	-0.0002234	-0.0016912	-0.0011415	-1.04E-04	-7.90E-04	-5.34E-04	-2.06E-04	-1.56E-03	-1.05E-03
2069	473369.83, 3847757.25	1.61629	12.59632	8.46514	-0.0001983	-0.0015458	-0.0010388	-9.27E-05	-7.23E-04	-4.86E-04	-1.83E-04	-1.43E-03	-9.59E-04
2070	473369.83, 3847782.25	1.46034	11.64474	7.79857	-0.0001792	-0.001429	-0.000957	-8.38E-05	-6.68E-04	-4.47E-04	-1.65E-04	-1.32E-03	-8.83E-04
2071	473369.83, 3847807.25	1.34088	10.89238	7.29093	-0.0001646	-0.0013367	-0.0008947	-7.69E-05	-6.25E-04	-4.18E-04	-1.52E-04	-1.23E-03	-8.26E-04
2072	473369.83, 3847832.25	1.24183	10.24907	6.84959	-0.0001524	-0.0012577	-0.0008406	-7.12E-05	-5.88E-04	-3.93E-04	-1.41E-04	-1.16E-03	-7.76E-04
2073	473369.83, 3847857.25	1.15687	9.68069	6.43829	-0.000142	-0.001188	-0.0007901	-6.64E-05	-5.55E-04	-3.69E-04	-1.31E-04	-1.10E-03	-7.29E-04
2074	473369.83, 3847882.25	1.08431	9.18496	6.08434	-0.0001331	-0.0011272	-0.0007467	-6.22E-05	-5.27E-04	-3.49E-04	-1.23E-04	-1.04E-03	-6.89E-04
2075	473369.83, 3847907.25	1.02136	8.74745	5.7577	-0.0001253	-0.0010735	-0.0007066	-5.86E-05	-5.02E-04	-3.30E-04	-1.16E-04	-9.91E-04	-6.52E-04
2076	473369.83, 3847932.25	0.96522	8.35067	5.48463	-0.0001185	-0.0010248	-0.0006731	-5.54E-05	-4.79E-04	-3.15E-04	-1.09E-04	-9.46E-04	-6.21E-04
2077	473369.83, 3847957.25	0.92177	8.05527	5.28212	-0.0001131	-0.0009885	-0.0006482	-5.29E-05	-4.62E-04	-3.03E-04	-1.04E-04	-9.12E-04	-5.98E-04
2078	473369.83, 3847982.25	0.87877	7.75294	5.06702	-0.0001078	-0.0009514	-0.0006218	-5.04E-05	-4.45E-04	-2.91E-04	-9.95E-05	-8.78E-04	-5.74E-04
2079	473369.83, 3848007.25	0.8397	7.47833	4.86772	-0.000103	-0.0009177	-0.0005974	-4.82E-05	-4.29E-04	-2.79E-04	-9.51E-05	-8.47E-04	-5.51E-04
2080	473369.83, 3848032.25	0.80498	7.23751	4.67454	-9.879E-05	-0.0008882	-0.0005737	-4.62E-05	-4.15E-04	-2.68E-04	-9.12E-05	-8.20E-04	-5.30E-04
2081	473394.83, 3847657.25	3.70517	22.97565	15.6175	-0.0004547	-0.0028195	-0.0019166	-2.13E-04	-1.32E-03	-8.96E-04	-4.20E-04	-2.60E-03	-1.77E-03
2082	473394.83, 3847682.25	2.87925	19.19931	13.10618	-0.0003533	-0.0023561	-0.0016084	-1.65E-04	-1.10E-03	-7.52E-04	-3.26E-04	-2.17E-03	-1.48E-03
2083	473394.83, 3847707.25	2.35153	16.5498	11.32256	-0.0002886	-0.002031	-0.0013895	-1.35E-04	-9.49E-04	-6.49E-04	-2.66E-04	-1.87E-03	-1.28E-03
2084	473394.83, 3847732.25	2.00558	14.66271	9.96013	-0.0002461	-0.0017994	-0.0012223	-1.15E-04	-8.41E-04	-5.71E-04	-2.27E-04	-1.66E-03	-1.13E-03
2085	473394.83, 3847757.25	1.76118	13.29227	9.01909	-0.0002161	-0.0016312	-0.0011068	-1.01E-04	-7.62E-04	-5.17E-04	-2.00E-04	-1.51E-03	-1.02E-03
2086	473394.83, 3847782.25	1.57756	12.21067	8.29616	-0.0001936	-0.0014985	-0.0010181	-9.05E-05	-7.00E-04	-4.76E-04	-1.79E-04	-1.38E-03	-9.40E-04
2087	473394.83, 3847807.25	1.43016	11.31055	7.65253	-0.0001755	-0.001388	-0.0009391	-8.20E-05	-6.49E-04	-4.39E-04	-1.62E-04	-1.28E-03	-8.67E-04
2088	473394.83, 3847832.25	1.31893	10.61684	7.14588	-0.0001619	-0.0013029	-0.0008769	-7.57E-05	-6.09E-04	-4.10E-04	-1.49E-04	-1.20E-03	-8.09E-04
2089	473394.83, 3847857.25	1.22398	10.00643	6.70651	-0.0001502	-0.001228	-0.000823	-7.02E-05	-5.74E-04	-3.85E-04	-1.39E-04	-1.13E-03	-7.60E-04
2090	473394.83, 3847882.25	1.14407	9.48209	6.323	-0.0001404	-0.0011636	-0.0007759	-6.56E-05	-5.44E-04	-3.63E-04	-1.30E-04	-1.07E-03	-7.16E-04
2091	473394.83, 3847907.25	1.07453	9.01572	5.98785	-0.0001319	-0.0011064	-0.0007348	-6.16E-05	-5.17E-04	-3.43E-04	-1.22E-04	-1.02E-03	-6.78E-04
2092	473394.83, 3847932.25	1.01051	8.57317	5.65555	-0.000124	-0.0010521	-0.000694	-5.80E-05	-4.92E-04	-3.24E-04	-1.14E-04	-9.71E-04	-6.41E-04
2093	473394.83, 3847957.25	0.95975	8.23033	5.42619	-0.0001178	-0.00101	-0.0006659	-5.51E-05	-4.72E-04	-3.11E-04	-1.09E-04	-9.32E-04	-6.15E-04
2094	473394.83, 3847982.25	0.91655	7.94338	5.22783	-0.0001125	-0.0009748	-0.0006416	-5.26E-05	-4.56E-04	-3.00E-04	-1.04E-04	-9.00E-04	-5.92E-04
2095	473394.83, 3848007.25	0.8742	7.65337	5.02689	-0.0001073	-0.0009392	-0.0006169	-5.01E-05	-4.39E-04	-2.88E-04	-9.90E-05	-8.67E-04	-5.69E-04
2096	473394.83, 3848032.25	0.83512	7.38445	4.8186	-0.0001025	-0.0009062	-0.0005913	-4.79E-05	-4.24E-04	-2.76E-04	-9.46E-05	-8.37E-04	-5.46E-04
2097	473394.83, 3848057.25	0.80114	7.15618	4.63838	-9.831E-05	-0.0008782	-0.0005692	-4.60E-05	-4.10E-04	-2.66E-04	-9.08E-05	-8.11E-04	-5.25E-04
2098	473419.83, 3847682.25	3.39009	21.40546	14.52746	-0.000416	-0.0026268	-0.0017828	-1.94E-04	-1.23E-03	-8.33E-04	-3.84E-04	-2.42E-03	-1.65E-03
2099	473419.83, 3847707.25	2.67842	18.07381	12.31177	-0.0003287	-0.002218	-0.0015109	-1.54E-04	-1.04E-03	-7.06E-04	-3.03E-04	-2.05E-03	-1.39E-03
2100	473419.83, 3847732.25	2.23856	15.83308	10.8585	-0.0002747	-0.001943	-0.0013325	-1.28E-04	-9.08E-04	-6.23E-04	-2.54E-04	-1.79E-03	-1.23E-03
2101	473419.83, 3847757.25	1.93443	14.14954	9.64722	-0.0002374	-0.0017364	-0.0011839	-1.11E-04	-8.12E-04	-5.53E-04	-2.19E-04	-1.60E-03	-1.09E-03
2102	473419.83, 3847782.25	1.70903	12.87077	8.7525	-0.0002097	-0.0015795	-0.0010741	-9.80E-05	-7.38E-04	-5.02E-04	-1.94E-04	-1.46E-03	-9.91E-04
2103	473419.83, 3847807.25	1.53486	11.82334	8.09176	-0.0001884	-0.0014509	-0.000993	-8.80E-05	-6.78E-04	-4.64E-04	-1.74E-04	-1.34E-03	-9.17E-04
2104	473419.83, 3847832.25	1.40643	11.04183	7.53781	-0.0001726	-0.001355	-0.000925	-8.07E-05	-6.33E-04	-4.32E-04	-1.59E-04	-1.25E-03	-8.54E-04
2105	473419.83, 3847857.25	1.29723	10.36071	7.03074	-0.0001592	-0.0012714	-0.0008628	-7.44E-05	-5.94E-04	-4.03E-04	-1.47E-04	-1.17E-03	-7.96E-04
2106	473419.83, 3847882.25	1.20491	9.76956	6.57459	-0.0001479	-0.0011989	-0.0008068	-6.91E-05	-5.60E-04	-3.77E-04	-1.36E-04	-1.11E-03	-7.45E-04
2107	473419.83, 3847907.25	1.12708	9.26221	6.19298	-0.0001383	-0.0011366	-0.00076	-6.46E-05	-5.31E-04	-3.55E-04	-1.28E-04	-1.05E-03	-7.02E-04
2108	473419.83, 3847932.25	1.06055	8.8231	5.8611	-0.0001301	-0.0010828	-0.0007193	-6.08E-05	-5.06E-04	-3.36E-04	-1.20E-04	-9.99E-04	-6.64E-04
2109	473419.83, 3847957.25	1.00289	8.44015	5.57957	-0.0001231	-0.0010358	-0.0006847	-5.75E-05	-4.84E-04	-3.20E-04	-1.14E-04	-9.56E-04	-6.32E-04
2110	473419.83, 3847982.25	0.95359	8.11549	5.36966	-0.000117	-0.0009959	-0.000659	-5.47E-05	-4.66E-04	-3.08E-04	-1.08E-04	-9.19E-04	-6.08E-04
2111	473419.83, 3848007.25	0.90898	7.82033	5.16863	-0.0001115	-0.0009597	-0.0006343	-5.21E-05	-4.49E-04	-2.96E-04	-1.03E-04	-8.86E-04	-5.85E-04
2112	473419.83, 3848032.25	0.86943	7.56113	4.97332	-0.0001067	-0.0009279	-0.0006103	-4.99E-05	-4.34E-04	-2.85E-04	-9.85E-05	-8.57E-04	-5.63E-04
2113	473419.83, 3848057.25	0.83385	7.33029	4.79326	-0.0001023	-0.0008996	-0.0005882	-4.78E-05	-4.20E-04	-2.75E-04	-9.45E-05	-8.30E-04	-5.43E-04
2114	473444.83, 3847682.25	4.10478	24.23961	16.61231	-0.0005037	-0.0029746	-0.0020386	-2.35E-04	-1.39E-03	-9.53E-04	-4.65E-04	-2.75E-03	-1.88E-03
2115	473444.83, 3847707.25	3.17687	20.41403	13.83466	-0.0003899	-0.0025052	-0.0016978	-1.82E-04	-1.17E-03	-7.94E-04	-3.60E-04	-2.31E-03	-1.57E-03
2116	473444.83, 3847732.25	2.56682	17.4681	11.90367	-0.000315	-0.0021437	-0.0014608	-1.47E-04	-1.00E-03	-6.83E-04	-2.91E-04	-1.98E-03	-1.35E-03
2117	473444.83, 3847757.25	2.15463	15.27794	10.50579	-0.0002644	-0.0018749	-0.0012893	-1.24E-04	-8.76E-04	-6.03E-04	-2.44E-04	-1.73E-03	-1.19E-03
2118	473444.83, 3847782.25	1.86711	13.66275	9.34559	-0.0002291	-0.0016767	-0.0011469	-1.07E-04	-7.84E-04	-5.36E-04	-2.12E-04	-1.55E-03	-1.06E-03
2119	473444.83, 3847807.25	1.65876	12.4709	8.51026	-0.0002036	-0.0015304	-0.0010444	-9.51E-05	-7.15E-04	-4.88E-04	-1.88E-04	-1.41E-03	-9.64E-04
2120	473444.83, 3847832.25	1.50165	11.52585	7.90699	-0.0001843	-0.0014144	-0.0009703	-8.61E-05	-6.61E-04	-4.54E-04	-1.70E-04	-1.31E-03	-8.96E-04
2121	473444.83, 3847857.25	1.3766	10.74979	7.37717	-0.0001689	-0.0013192	-0.0009053	-7.90E-05	-6.17E-04	-4.23E-04	-1.56E-04	-1.22E-03	-8.36E-04
2122	473444.83, 3847882.25	1.27397	10.10638	6.89849	-0.0001563	-0.0012402	-0.0008466	-7.31E-05	-5.80E-04	-3.96E-04	-1.44E-04	-1.14E-03	-7.81E-04
2123	473444.83, 3847907.25	1.18758	9.56387	6.48059	-0.0001457	-0.0011737	-0.0007953	-6.81E-05	-5.49E-04	-3.72E-04	-1.35E-04	-1.08E-03	-7.34E-04
2124	473444.83, 3847932.25	1.11322	9.08907	6.09672	-0.0001366	-0.0011154	-0.0007482	-6.39E-05	-5.21E-04	-3.50E-04	-1.26E-04	-1.03E-03	-6.91E-04
2125	473444.83, 3847957.25	1.04965	8.67451	5.75975	-0.0001288	-0.0010645	-0.0007068	-6.02E-05	-4.98E-04	-3.30E-04	-1.19E-04	-9.83E-04	-6.52E-04
2126	473444.83, 3847982.25	0.99475	8.31421	5.51672	-0.0001221	-0.0010203	-0.000677	-5.71E-05	-4.77E-04	-3.16E-04	-1.13E-04	-9.42E-04	-6.25E-04
2127	473444.83, 3848007.25	0.94718	8.009	5.30485	-0.0001162	-0.0009829	-0.000651	-5.43E-05	-4.59E-04	-3.04E-04	-1.07E-04	-9.07E-04	-6.01E-04

2128	473444.83, 3848032.25	0.90524	7.74233	5.12405	-0.0001111	-0.0009501	-0.0006288	-5.19E-05	-4.44E-04	-2.94E-04	-1.03E-04	-8.77E-04	-5.80E-04
2129	473444.83, 3848057.25	0.86658	7.49549	4.93352	-0.0001063	-0.0009198	-0.0006054	-4.97E-05	-4.30E-04	-2.83E-04	-9.82E-05	-8.49E-04	-5.59E-04
2130	473444.83, 3848082.25	0.82817	7.24154	4.74539	-0.0001016	-0.0008887	-0.0005823	-4.75E-05	-4.15E-04	-2.72E-04	-9.38E-05	-8.20E-04	-5.38E-04
2131	473469.83, 3847707.25	3.72623	22.57545	15.4073	-0.0004573	-0.0027704	-0.0018908	-2.14E-04	-1.29E-03	-8.84E-04	-4.22E-04	-2.56E-03	-1.75E-03
2132	473469.83, 3847732.25	2.97275	19.41149	13.16134	-0.0003648	-0.0023821	-0.0016151	-1.71E-04	-1.11E-03	-7.55E-04	-3.37E-04	-2.20E-03	-1.49E-03
2133	473469.83, 3847757.25	2.45454	16.83339	11.50367	-0.0003012	-0.0020658	-0.0014117	-1.41E-04	-9.66E-04	-6.60E-04	-2.78E-04	-1.91E-03	-1.30E-03
2134	473469.83, 3847782.25	2.06829	14.69732	10.11705	-0.0002538	-0.0018036	-0.0012415	-1.19E-04	-8.43E-04	-5.80E-04	-2.34E-04	-1.66E-03	-1.15E-03
2135	473469.83, 3847807.25	1.79373	13.14518	9.03197	-0.0002201	-0.0016132	-0.0011084	-1.03E-04	-7.54E-04	-5.18E-04	-2.03E-04	-1.49E-03	-1.02E-03
2136	473469.83, 3847832.25	1.61012	12.09019	8.28923	-0.0001976	-0.0014837	-0.0010172	-9.24E-05	-6.93E-04	-4.75E-04	-1.82E-04	-1.37E-03	-9.39E-04
2137	473469.83, 3847857.25	1.4644	11.21423	7.71892	-0.0001797	-0.0013762	-0.0009473	-8.40E-05	-6.43E-04	-4.43E-04	-1.66E-04	-1.27E-03	-8.74E-04
2138	473469.83, 3847882.25	1.34612	10.48231	7.20405	-0.0001652	-0.0012864	-0.0008841	-7.72E-05	-6.01E-04	-4.13E-04	-1.52E-04	-1.19E-03	-8.16E-04
2139	473469.83, 3847907.25	1.24832	9.87912	6.74081	-0.0001532	-0.0012123	-0.0008272	-7.16E-05	-5.67E-04	-3.87E-04	-1.41E-04	-1.12E-03	-7.64E-04
2140	473469.83, 3847932.25	1.16553	9.35722	6.3342	-0.000143	-0.0011483	-0.0007773	-6.69E-05	-5.37E-04	-3.63E-04	-1.32E-04	-1.06E-03	-7.18E-04
2141	473469.83, 3847957.25	1.09595	8.91085	5.99494	-0.0001345	-0.0010935	-0.0007357	-6.29E-05	-5.11E-04	-3.44E-04	-1.24E-04	-1.01E-03	-6.79E-04
2142	473469.83, 3847982.25	1.03535	8.51408	5.68244	-0.0001271	-0.0010448	-0.0006973	-5.94E-05	-4.88E-04	-3.26E-04	-1.17E-04	-9.64E-04	-6.44E-04
2143	473469.83, 3848007.25	0.98442	8.17974	5.43503	-0.0001208	-0.0010038	-0.000667	-5.65E-05	-4.69E-04	-3.12E-04	-1.12E-04	-9.27E-04	-6.16E-04
2144	473469.83, 3848032.25	0.93821	7.88847	5.22999	-0.0001151	-0.0009681	-0.0006418	-5.38E-05	-4.52E-04	-3.00E-04	-1.06E-04	-8.94E-04	-5.92E-04
2145	473469.83, 3848057.25	0.89338	7.59788	5.02552	-0.0001096	-0.0009324	-0.0006167	-5.12E-05	-4.36E-04	-2.88E-04	-1.01E-04	-8.61E-04	-5.69E-04
2146	473469.83, 3848082.25	0.85601	7.36537	4.8546	-0.000105	-0.0009039	-0.0005957	-4.91E-05	-4.22E-04	-2.78E-04	-9.70E-05	-8.34E-04	-5.50E-04
2147	473494.83, 3847707.25	4.59158	25.93295	17.92826	-0.0005635	-0.0031824	-0.0022001	-2.63E-04	-1.49E-03	-1.03E-03	-5.20E-04	-2.94E-03	-2.03E-03
2148	473494.83, 3847732.25	3.48051	21.61539	14.72521	-0.0004271	-0.0026526	-0.0018071	-2.00E-04	-1.24E-03	-8.45E-04	-3.94E-04	-2.45E-03	-1.67E-03
2149	473494.83, 3847757.25	2.79961	18.52666	12.56378	-0.0003436	-0.0022736	-0.0015418	-1.61E-04	-1.06E-03	-7.21E-04	-3.17E-04	-2.10E-03	-1.42E-03
2150	473494.83, 3847782.25	2.32115	16.02067	10.96984	-0.0002848	-0.001966	-0.0013462	-1.33E-04	-9.19E-04	-6.29E-04	-2.63E-04	-1.81E-03	-1.24E-03
2151	473494.83, 3847807.25	1.96622	14.01585	9.67046	-0.0002413	-0.00172	-0.0011867	-1.13E-04	-8.04E-04	-5.55E-04	-2.23E-04	-1.59E-03	-1.10E-03
2152	473494.83, 3847832.25	1.73916	12.74222	8.7907	-0.0002134	-0.0015637	-0.0010788	-9.98E-05	-7.31E-04	-5.04E-04	-1.97E-04	-1.44E-03	-9.96E-04
2153	473494.83, 3847857.25	1.56811	11.75871	8.09601	-0.0001924	-0.001443	-0.0009935	-8.99E-05	-6.74E-04	-4.64E-04	-1.78E-04	-1.33E-03	-9.17E-04
2154	473494.83, 3847882.25	1.43187	10.94819	7.54711	-0.0001757	-0.0013435	-0.0009262	-8.21E-05	-6.28E-04	-4.33E-04	-1.62E-04	-1.24E-03	-8.55E-04
2155	473494.83, 3847907.25	1.31992	10.27501	7.05048	-0.000162	-0.0012609	-0.0008652	-7.57E-05	-5.89E-04	-4.04E-04	-1.50E-04	-1.16E-03	-7.99E-04
2156	473494.83, 3847932.25	1.22733	9.70457	6.61309	-0.0001506	-0.0011909	-0.0008115	-7.04E-05	-5.57E-04	-3.79E-04	-1.39E-04	-1.10E-03	-7.49E-04
2157	473494.83, 3847957.25	1.14926	9.21269	6.24466	-0.000141	-0.0011306	-0.0007663	-6.59E-05	-5.28E-04	-3.58E-04	-1.30E-04	-1.04E-03	-7.07E-04
2158	473494.83, 3847982.25	1.08177	8.77758	5.90172	-0.0001328	-0.0010772	-0.0007242	-6.21E-05	-5.03E-04	-3.39E-04	-1.23E-04	-9.94E-04	-6.69E-04
2159	473494.83, 3848007.25	1.02504	8.4072	5.62204	-0.0001258	-0.0010317	-0.0006899	-5.88E-05	-4.82E-04	-3.22E-04	-1.16E-04	-9.52E-04	-6.37E-04
2160	473494.83, 3848032.25	0.97439	8.06923	5.36758	-0.0001196	-0.0009902	-0.0006587	-5.59E-05	-4.63E-04	-3.08E-04	-1.10E-04	-9.14E-04	-6.08E-04
2161	473494.83, 3848057.25	0.92668	7.75806	5.14249	-0.0001137	-0.0009521	-0.0006311	-5.32E-05	-4.45E-04	-2.95E-04	-1.05E-04	-8.79E-04	-5.83E-04
2162	473494.83, 3848082.25	0.88585	7.50146	4.96391	-0.0001087	-0.0009206	-0.0006092	-5.08E-05	-4.30E-04	-2.85E-04	-1.00E-04	-8.50E-04	-5.62E-04
2163	473494.83, 3848107.25	0.85104	7.29428	4.81591	-0.0001044	-0.0008951	-0.000591	-4.88E-05	-4.18E-04	-2.76E-04	-9.64E-05	-8.26E-04	-5.46E-04
2164	473519.83, 3847732.25	4.16991	24.33837	16.89339	-0.0005117	-0.0029868	-0.0020731	-2.39E-04	-1.40E-03	-9.69E-04	-4.72E-04	-2.76E-03	-1.91E-03
2165	473519.83, 3847757.25	3.20677	20.31347	13.83287	-0.0003935	-0.0024928	-0.0016975	-1.84E-04	-1.17E-03	-7.93E-04	-3.63E-04	-2.30E-03	-1.57E-03
2166	473519.83, 3847782.25	2.60441	17.41716	11.83621	-0.0003196	-0.0021374	-0.0014525	-1.49E-04	-9.99E-04	-6.79E-04	-2.95E-04	-1.97E-03	-1.34E-03
2167	473519.83, 3847807.25	2.19051	15.19593	10.40719	-0.0002688	-0.0018648	-0.0012772	-1.26E-04	-8.72E-04	-5.97E-04	-2.48E-04	-1.72E-03	-1.18E-03
2168	473519.83, 3847832.25	1.89096	13.51403	9.33407	-0.0002321	-0.0016584	-0.0011455	-1.08E-04	-7.75E-04	-5.35E-04	-2.14E-04	-1.53E-03	-1.06E-03
2169	473519.83, 3847857.25	1.68599	12.35407	8.55164	-0.0002069	-0.0015161	-0.0010494	-9.67E-05	-7.09E-04	-4.91E-04	-1.91E-04	-1.40E-03	-9.69E-04
2170	473519.83, 3847882.25	1.52822	11.45828	7.90946	-0.0001875	-0.0014061	-0.0009706	-8.77E-05	-6.57E-04	-4.54E-04	-1.73E-04	-1.30E-03	-8.96E-04
2171	473519.83, 3847907.25	1.40075	10.71785	7.38848	-0.0001719	-0.0013153	-0.0009067	-8.03E-05	-6.15E-04	-4.24E-04	-1.59E-04	-1.21E-03	-8.37E-04
2172	473519.83, 3847932.25	1.2958	10.08882	6.92779	-0.000159	-0.0012381	-0.0008502	-7.43E-05	-5.79E-04	-3.97E-04	-1.47E-04	-1.14E-03	-7.85E-04
2173	473519.83, 3847957.25	1.20825	9.54974	6.49884	-0.0001483	-0.0011719	-0.0007975	-6.93E-05	-5.48E-04	-3.73E-04	-1.37E-04	-1.08E-03	-7.36E-04
2174	473519.83, 3847982.25	1.13335	9.07647	6.12926	-0.0001391	-0.0011138	-0.0007522	-6.50E-05	-5.21E-04	-3.52E-04	-1.28E-04	-1.03E-03	-6.94E-04
2175	473519.83, 3848007.25	1.06893	8.66012	5.80955	-0.0001312	-0.0010628	-0.0007129	-6.13E-05	-4.97E-04	-3.33E-04	-1.21E-04	-9.81E-04	-6.58E-04
2176	473519.83, 3848032.25	1.01306	8.29159	5.53336	-0.0001243	-0.0010175	-0.000679	-5.81E-05	-4.76E-04	-3.17E-04	-1.15E-04	-9.39E-04	-6.27E-04
2177	473519.83, 3848057.25	0.96376	7.95985	5.30408	-0.0001183	-0.0009768	-0.0006509	-5.53E-05	-4.57E-04	-3.04E-04	-1.09E-04	-9.02E-04	-6.01E-04
2178	473519.83, 3848082.25	0.91845	7.66698	5.08004	-0.0001127	-0.0009409	-0.0006234	-5.27E-05	-4.40E-04	-2.91E-04	-1.04E-04	-8.69E-04	-5.75E-04
2179	473519.83, 3848107.25	0.87849	7.41778	4.90725	-0.0001078	-0.0009103	-0.0006022	-5.04E-05	-4.25E-04	-2.81E-04	-9.95E-05	-8.40E-04	-5.56E-04
2180	473544.83, 3847757.25	3.72247	22.36309	15.49486	-0.0004568	-0.0027444	-0.0019015	-2.14E-04	-1.28E-03	-8.89E-04	-4.22E-04	-2.53E-03	-1.76E-03
2181	473544.83, 3847782.25	2.96059	19.05604	12.9601	-0.0003633	-0.0023385	-0.0015904	-1.70E-04	-1.09E-03	-7.43E-04	-3.35E-04	-2.16E-03	-1.47E-03
2182	473544.83, 3847807.25	2.46161	16.5967	11.30135	-0.0003021	-0.0020367	-0.0013869	-1.41E-04	-9.52E-04	-6.48E-04	-2.79E-04	-1.88E-03	-1.28E-03
2183	473544.83, 3847832.25	2.08044	14.49852	9.95298	-0.0002553	-0.0017792	-0.0012214	-1.19E-04	-8.32E-04	-5.71E-04	-2.36E-04	-1.64E-03	-1.13E-03
2184	473544.83, 3847857.25	1.82419	13.06534	9.02926	-0.0002239	-0.0016034	-0.0011081	-1.05E-04	-7.49E-04	-5.18E-04	-2.07E-04	-1.48E-03	-1.02E-03
2185	473544.83, 3847882.25	1.63618	12.00558	8.30678	-0.0002008	-0.0014733	-0.0010194	-9.39E-05	-6.89E-04	-4.76E-04	-1.85E-04	-1.36E-03	-9.41E-04
2186	473544.83, 3847907.25	1.48996	11.19071	7.72505	-0.0001828	-0.0013733	-0.000948	-8.55E-05	-6.42E-04	-4.43E-04	-1.69E-04	-1.27E-03	-8.75E-04
2187	473544.83, 3847932.25	1.36994	10.49474	7.22015	-0.0001681	-0.0012879	-0.000886	-7.86E-05	-6.02E-04	-4.14E-04	-1.55E-04	-1.19E-03	-8.18E-04
2188	473544.83, 3847957.25	1.27114	9.90316	6.76513	-0.000156	-0.0012153	-0.0008302	-7.29E-05	-5.68E-04	-3.88E-04	-1.44E-04	-1.12E-03	-7.66E-04
2189	473544.83, 3847982.25	1.18864	9.3953	6.36048	-0.0001459	-0.001153	-0.0007805	-6.82E-05	-5.39E-04	-3.65E-04	-1.35E-04	-1.06E-03	-7.21E-04
2190	473544.83, 3848007.25	1.11677	8.93892	6.00696	-0.000137	-0.001097	-0.0007372	-6.41E-05	-5.13E-04	-3.45E-04	-1.27E-04	-1.01E-03	-6.80E-04
2191	473544.83, 3848032.25	1.05439	8.53222	5.70713	-0.0001294	-0.0010471	-0.0007004	-6.05E-05	-4.89E-04	-3.27E-04	-1.19E-04	-9.67E-04	-6.46E-04
2192	473544.83, 3848057.25	1.00064	8.17474	5.4487	-0.0001228	-0.0010032	-0.0006687	-5.74E-05	-4.69E-04	-3.13E-04	-1.13E-04	-9.26E-04	-6.17E-04
2193	473544.83, 3848082.25	0.95102	7.8354	5.2281	-0.0001167	-0.0009615	-0.0006416	-5.46E-05	-4.49E-04	-3.00E-04	-1.08E-04	-8.88E-04	-5.92E-04
2194	473544.83, 3848107.25	0.9076	7.55795	5.01305	-0.0001114	-0.0009275	-0.0006152	-5.21E-05	-4.34E-04	-2.88E-04	-1.03E-04	-8.56E-04	-5.68E-04
2195	473544.83, 3848132.25	0.86857	7.31587	4.83386	-0.0001066	-0.0008978	-0.0005932	-4.98E-05	-4.20E-04	-2.77E-04	-9.84E-05	-8.29E-04	-5.48E-04
2196	473569.83, 3847757.25	4.46813	25.16306	17.61973	-0.0005483	-0.003088	-0.0021623	-2.56E-04	-1.44E-03	-1.01E-03	-5.06E-04	-2.85E-03	-2.00E-03
2197	473569.83, 3847782.25	3.40566	20.96401	14.43985	-0.0004179	-0.0025727	-0.001772	-1.95E-04	-1.20E-03	-8.28E-04	-3.86E-04	-2.37E-03	-1.64E-03
2198	473569.83, 3847807.25	2.74562	17.91695	12.16205	-0.0003369	-0.0021987	-0.0014925	-1.57E-04	-1.03E-03	-6.98E-04	-3.11E-04	-2.03E-03	-1.38E-03
2199	473569.83, 3847832.25	2.31681	15.74112	10.70472	-0.0002843	-0.0019317	-0.0013137	-1.33E-04	-9.03E-04	-6.14E-04	-2.62E-04	-1.78E-03	-1.21E-03
2200	473569.83, 3847857.25	1.99141	13.93234	9.57729	-0.0002444	-0.0017098	-0.0011753	-1.14E-04	-7.99E-04	-5.49E-04	-2.26E-04	-1.58E-03	-1.08E-03
2201	473569.83, 3847882.25	1.76114	12.64477	8.73768	-0.0002161	-0.0015517	-0.0010723	-1.01E-04	-7.25E-04	-5.01E-04	-2.00E-04	-1.43E-03	-9.90E-04
2202	473569.83, 3847907.25	1.59019	11.70017	8.0904	-0.0001951	-0.0014358	-0.0009928	-9.12E-05	-6.71E-04	-4.64E-04	-1.80E-04	-1.33E-03	-9.16E-04
2203	473569.83, 3847932.25	1.45395	10.94289	7.52764	-0.0001784	-0.0013429	-0.0009238	-8.34E-05	-6.28E-04	-4.32E-04	-1.65E-04	-1.24E-03	-8.53E-04
2204	473569.83, 3847957.25	1.34028	10.28337	7.03672	-0.0001645	-0.001262	-0.0008635	-7.69E-05	-5.90E-04	-4.04E-04	-1.52E-04	-1.16E-03	-7.97E-04
2205	473569.83, 3847982.25	1.24819	9.73319	6.61719	-0.0001532	-0.0011944	-0.0008121	-7.16E-05	-5.58E-04	-3.80E-04	-1.41E-04	-1.10E-03	-7.50E-04
2206	473569.83, 3848007.25	1.16925	9.24485	6.2252	-0.0001435	-0.0011345	-0.0007639	-6.71E-05	-5.30E-04	-3.57E-04	-1.32E-04	-1.05E-03	-7.05E-04
2207	473569.83, 3848032.25	1.10062	8.80593	5.89804	-0.0001351	-0.0010806	-0.0007238	-6.31E-05	-5.05E-04	-3.38E-04	-1.25E-04	-9.98E-04	-6.68E-04
2208	473569.83, 3848057.25	1.04088	8.41316	5.61101	-0.0001277	-0.0010324	-0.0006886	-5.97E-05	-4.83E-04	-3.22E-04	-1.18E-04	-9.53E-04	-6.36E-04
2209	473569.83, 3848082.25	0.98713	8.05003	5.35766	-0.0001211	-0.0009879	-0.0006575	-5.66E-05	-4.62E-04	-3.07E-04	-1.12E-04	-9.12E-04	-6.07E-04

2210	473569.83, 3848107.25	0.93985	7.72569	5.15068	-0.0001153	-0.0009481	-0.0006321	-5.39E-05	-4.43E-04	-2.95E-04	-1.06E-04	-8.75E-04	-5.83E-04
2211	473569.83, 3848132.25	0.89774	7.46154	4.9424	-0.0001102	-0.0009157	-0.0006065	-5.15E-05	-4.28E-04	-2.83E-04	-1.02E-04	-8.45E-04	-5.60E-04
2212	473594.83, 3847782.25	3.95136	23.03674	16.1091	-0.0004849	-0.002827	-0.0019769	-2.27E-04	-1.32E-03	-9.24E-04	-4.48E-04	-2.61E-03	-1.82E-03
2213	473594.83, 3847807.25	3.10167	19.47735	13.326	-0.0003806	-0.0023902	-0.0016353	-1.78E-04	-1.12E-03	-7.64E-04	-3.51E-04	-2.21E-03	-1.51E-03
2214	473594.83, 3847832.25	2.57127	16.97693	11.48342	-0.0003155	-0.0020834	-0.0014092	-1.47E-04	-9.74E-04	-6.59E-04	-2.91E-04	-1.92E-03	-1.30E-03
2215	473594.83, 3847857.25	2.20503	15.0764	10.26705	-0.0002706	-0.0018502	-0.00126	-1.26E-04	-8.65E-04	-5.89E-04	-2.50E-04	-1.71E-03	-1.16E-03
2216	473594.83, 3847882.25	1.92329	13.49256	9.28988	-0.000236	-0.0016558	-0.00114	-1.10E-04	-7.74E-04	-5.33E-04	-2.18E-04	-1.53E-03	-1.05E-03
2217	473594.83, 3847907.25	1.70776	12.28644	8.50204	-0.0002096	-0.0015078	-0.0010434	-9.80E-05	-7.05E-04	-4.88E-04	-1.93E-04	-1.39E-03	-9.63E-04
2218	473594.83, 3847932.25	1.54631	11.41259	7.88579	-0.0001898	-0.0014005	-0.0009677	-8.87E-05	-6.55E-04	-4.52E-04	-1.75E-04	-1.29E-03	-8.93E-04
2219	473594.83, 3847957.25	1.41783	10.69748	7.33058	-0.000174	-0.0013128	-0.0008996	-8.13E-05	-6.14E-04	-4.20E-04	-1.61E-04	-1.21E-03	-8.30E-04
2220	473594.83, 3847982.25	1.31374	10.09667	6.87872	-0.0001612	-0.001239	-0.0008441	-7.54E-05	-5.79E-04	-3.95E-04	-1.49E-04	-1.14E-03	-7.79E-04
2221	473594.83, 3848007.25	1.22657	9.57411	6.48246	-0.0001505	-0.0011749	-0.0007955	-7.04E-05	-5.49E-04	-3.72E-04	-1.39E-04	-1.08E-03	-7.34E-04
2222	473594.83, 3848032.25	1.15177	9.10842	6.1052	-0.0001413	-0.0011178	-0.0007492	-6.61E-05	-5.22E-04	-3.50E-04	-1.30E-04	-1.03E-03	-6.92E-04
2223	473594.83, 3848057.25	1.08649	8.68789	5.80242	-0.0001333	-0.0010662	-0.0007121	-6.23E-05	-4.98E-04	-3.33E-04	-1.23E-04	-9.84E-04	-6.57E-04
2224	473594.83, 3848082.25	1.02925	8.3092	5.52907	-0.0001263	-0.0010197	-0.0006785	-5.90E-05	-4.77E-04	-3.17E-04	-1.17E-04	-9.41E-04	-6.26E-04
2225	473594.83, 3848107.25	0.97511	7.93899	5.28219	-0.0001197	-0.0009743	-0.0006482	-5.59E-05	-4.55E-04	-3.03E-04	-1.10E-04	-8.99E-04	-5.98E-04
2226	473594.83, 3848132.25	0.92997	7.63149	5.08341	-0.0001141	-0.0009365	-0.0006238	-5.33E-05	-4.38E-04	-2.92E-04	-1.05E-04	-8.64E-04	-5.76E-04
2227	473594.83, 3848157.25	0.89029	7.38968	4.90009	-0.0001093	-0.0009068	-0.0006013	-5.11E-05	-4.24E-04	-2.81E-04	-1.01E-04	-8.37E-04	-5.55E-04
2228	473619.83, 3847782.25	4.72821	25.70242	18.13473	-0.0005802	-0.0031542	-0.0022255	-2.71E-04	-1.47E-03	-1.04E-03	-5.36E-04	-2.91E-03	-2.05E-03
2229	473619.83, 3847807.25	3.55326	21.2959	14.8011	-0.0004361	-0.0026134	-0.0018164	-2.04E-04	-1.22E-03	-8.49E-04	-4.03E-04	-2.41E-03	-1.68E-03
2230	473619.83, 3847832.25	2.88147	18.39413	12.52063	-0.0003536	-0.0022573	-0.0015365	-1.65E-04	-1.06E-03	-7.18E-04	-3.26E-04	-2.08E-03	-1.42E-03
2231	473619.83, 3847857.25	2.44469	16.28837	11.00261	-0.0003	-0.0019989	-0.0013502	-1.40E-04	-9.34E-04	-6.31E-04	-2.77E-04	-1.85E-03	-1.25E-03
2232	473619.83, 3847882.25	2.11154	14.50985	9.89412	-0.0002591	-0.0017806	-0.0012142	-1.21E-04	-8.32E-04	-5.68E-04	-2.39E-04	-1.64E-03	-1.12E-03
2233	473619.83, 3847907.25	1.85386	13.05205	8.99738	-0.0002275	-0.0016017	-0.0011041	-1.06E-04	-7.49E-04	-5.16E-04	-2.10E-04	-1.48E-03	-1.02E-03
2234	473619.83, 3847932.25	1.65906	11.97319	8.29492	-0.0002036	-0.0014693	-0.0010179	-9.52E-05	-6.87E-04	-4.76E-04	-1.88E-04	-1.36E-03	-9.40E-04
2235	473619.83, 3847957.25	1.50681	11.15703	7.66963	-0.0001849	-0.0013692	-0.0009412	-8.64E-05	-6.40E-04	-4.40E-04	-1.71E-04	-1.26E-03	-8.69E-04
2236	473619.83, 3847982.25	1.38676	10.48884	7.16043	-0.0001702	-0.0012872	-0.0008787	-7.95E-05	-6.02E-04	-4.11E-04	-1.57E-04	-1.19E-03	-8.11E-04
2237	473619.83, 3848007.25	1.28831	9.91778	6.72961	-0.0001581	-0.0012171	-0.0008258	-7.39E-05	-5.69E-04	-3.86E-04	-1.46E-04	-1.12E-03	-7.62E-04
2238	473619.83, 3848032.25	1.20429	9.40811	6.3367	-0.0001478	-0.0011545	-0.0007776	-6.91E-05	-5.40E-04	-3.63E-04	-1.36E-04	-1.07E-03	-7.18E-04
2239	473619.83, 3848057.25	1.13093	8.94448	5.9775	-0.0001388	-0.0010977	-0.0007335	-6.49E-05	-5.13E-04	-3.43E-04	-1.28E-04	-1.01E-03	-6.77E-04
2240	473619.83, 3848082.25	1.06886	8.54233	5.68984	-0.0001312	-0.0010483	-0.0006982	-6.13E-05	-4.90E-04	-3.26E-04	-1.21E-04	-9.68E-04	-6.45E-04
2241	473619.83, 3848107.25	1.0121	8.16293	5.42276	-0.0001242	-0.0010017	-0.0006655	-5.81E-05	-4.68E-04	-3.11E-04	-1.15E-04	-9.25E-04	-6.14E-04
2242	473619.83, 3848132.25	0.96392	7.83707	5.20755	-0.0001183	-0.0009618	-0.0006391	-5.53E-05	-4.50E-04	-2.99E-04	-1.09E-04	-8.88E-04	-5.90E-04
2243	473619.83, 3848157.25	0.92203	7.55913	5.01972	-0.0001131	-0.0009276	-0.000616	-5.29E-05	-4.34E-04	-2.88E-04	-1.04E-04	-8.56E-04	-5.69E-04
2244	473619.83, 3848182.25	0.88557	7.34508	4.86737	-0.0001087	-0.0009014	-0.0005973	-5.08E-05	-4.21E-04	-2.79E-04	-1.00E-04	-8.32E-04	-5.51E-04
2245	473644.83, 3847807.25	4.18468	23.67457	16.64787	-0.0005135	-0.0029053	-0.002043	-2.40E-04	-1.36E-03	-9.55E-04	-4.74E-04	-2.68E-03	-1.89E-03
2246	473644.83, 3847832.25	3.28578	20.14203	13.91873	-0.0004032	-0.0024718	-0.0017081	-1.88E-04	-1.16E-03	-7.98E-04	-3.72E-04	-2.28E-03	-1.58E-03
2247	473644.83, 3847857.25	2.71591	17.56357	11.93709	-0.0003333	-0.0021554	-0.0014649	-1.56E-04	-1.01E-03	-6.85E-04	-3.08E-04	-1.99E-03	-1.35E-03
2248	473644.83, 3847882.25	2.31848	15.56518	10.53054	-0.0002845	-0.0019101	-0.0012923	-1.33E-04	-8.93E-04	-6.04E-04	-2.63E-04	-1.76E-03	-1.19E-03
2249	473644.83, 3847907.25	2.02514	13.97632	9.56072	-0.0002485	-0.0017152	-0.0011733	-1.16E-04	-8.02E-04	-5.48E-04	-2.29E-04	-1.58E-03	-1.08E-03
2250	473644.83, 3847932.25	1.79828	12.69826	8.7841	-0.0002207	-0.0015583	-0.001078	-1.03E-04	-7.28E-04	-5.04E-04	-2.04E-04	-1.44E-03	-9.95E-04
2251	473644.83, 3847957.25	1.6093	11.66667	8.04815	-0.0001975	-0.0014317	-0.0009877	-9.23E-05	-6.69E-04	-4.62E-04	-1.82E-04	-1.32E-03	-9.12E-04
2252	473644.83, 3847982.25	1.46883	10.91339	7.46934	-0.0001803	-0.0013393	-0.0009166	-8.43E-05	-6.26E-04	-4.28E-04	-1.66E-04	-1.24E-03	-8.46E-04
2253	473644.83, 3848007.25	1.3564	10.284	6.99152	-0.0001665	-0.001262	-0.000858	-7.78E-05	-5.90E-04	-4.01E-04	-1.54E-04	-1.16E-03	-7.92E-04
2254	473644.83, 3848032.25	1.2626	9.73369	6.58062	-0.0001549	-0.0011945	-0.0008076	-7.24E-05	-5.58E-04	-3.77E-04	-1.43E-04	-1.10E-03	-7.45E-04
2255	473644.83, 3848057.25	1.18228	9.24173	6.19538	-0.0001451	-0.0011341	-0.0007603	-6.78E-05	-5.30E-04	-3.55E-04	-1.34E-04	-1.05E-03	-7.02E-04
2256	473644.83, 3848082.25	1.1143	8.81277	5.87382	-0.0001367	-0.0010815	-0.0007208	-6.39E-05	-5.06E-04	-3.37E-04	-1.26E-04	-9.98E-04	-6.65E-04
2257	473644.83, 3848107.25	1.05573	8.43373	5.60541	-0.0001296	-0.001035	-0.0006879	-6.06E-05	-4.84E-04	-3.22E-04	-1.20E-04	-9.55E-04	-6.35E-04
2258	473644.83, 3848132.25	1.00366	8.0878	5.35684	-0.0001232	-0.0009925	-0.0006574	-5.76E-05	-4.64E-04	-3.07E-04	-1.14E-04	-9.16E-04	-6.07E-04
2259	473644.83, 3848157.25	0.95941	7.79027	5.16525	-0.0001177	-0.000956	-0.0006339	-5.50E-05	-4.47E-04	-2.96E-04	-1.09E-04	-8.82E-04	-5.85E-04
2260	473644.83, 3848182.25	0.92214	7.55923	5.0164	-0.0001132	-0.0009277	-0.0006156	-5.29E-05	-4.34E-04	-2.88E-04	-1.04E-04	-8.56E-04	-5.68E-04
2261	473669.83, 3847807.25	5.08789	26.71921	19.20171	-0.0006244	-0.0032789	-0.0023564	-2.92E-04	-1.53E-03	-1.10E-03	-5.76E-04	-3.03E-03	-2.18E-03
2262	473669.83, 3847832.25	3.79655	22.1532	15.51784	-0.0004659	-0.0027186	-0.0019043	-2.18E-04	-1.27E-03	-8.90E-04	-4.30E-04	-2.51E-03	-1.76E-03
2263	473669.83, 3847857.25	3.05196	19.05208	13.11013	-0.0003745	-0.002338	-0.0016089	-1.75E-04	-1.09E-03	-7.52E-04	-3.46E-04	-2.16E-03	-1.49E-03
2264	473669.83, 3847882.25	2.55785	16.71846	11.35164	-0.0003139	-0.0020517	-0.0013931	-1.47E-04	-9.59E-04	-6.51E-04	-2.90E-04	-1.89E-03	-1.29E-03
2265	473669.83, 3847907.25	2.20574	14.90486	10.10379	-0.0002707	-0.0018291	-0.0012399	-1.27E-04	-8.55E-04	-5.80E-04	-2.50E-04	-1.69E-03	-1.14E-03
2266	473669.83, 3847932.25	1.94319	13.46279	9.25433	-0.0002385	-0.0016521	-0.0011357	-1.11E-04	-7.72E-04	-5.31E-04	-2.20E-04	-1.53E-03	-1.05E-03
2267	473669.83, 3847957.25	1.73272	12.28782	8.49713	-0.0002126	-0.0015079	-0.0010428	-9.94E-05	-7.05E-04	-4.87E-04	-1.96E-04	-1.39E-03	-9.63E-04
2268	473669.83, 3847982.25	1.5658	11.40192	7.82528	-0.0001922	-0.0013992	-0.0009603	-8.98E-05	-6.54E-04	-4.49E-04	-1.77E-04	-1.29E-03	-8.86E-04
2269	473669.83, 3848007.25	1.434	10.68868	7.28283	-0.000176	-0.0013117	-0.0008937	-8.23E-05	-6.13E-04	-4.18E-04	-1.62E-04	-1.21E-03	-8.25E-04
2270	473669.83, 3848032.25	1.32778	10.08709	6.83346	-0.0001629	-0.0012379	-0.0008386	-7.62E-05	-5.79E-04	-3.92E-04	-1.50E-04	-1.14E-03	-7.74E-04
2271	473669.83, 3848057.25	1.24006	9.57013	6.44782	-0.0001522	-0.0011744	-0.0007913	-7.11E-05	-5.49E-04	-3.70E-04	-1.40E-04	-1.08E-03	-7.30E-04
2272	473669.83, 3848082.25	1.166	9.11886	6.09252	-0.0001431	-0.0011191	-0.0007477	-6.69E-05	-5.23E-04	-3.49E-04	-1.32E-04	-1.03E-03	-6.90E-04
2273	473669.83, 3848107.25	1.10453	8.73579	5.80676	-0.0001355	-0.001072	-0.0007126	-6.34E-05	-5.01E-04	-3.33E-04	-1.25E-04	-9.90E-04	-6.58E-04
2274	473669.83, 3848132.25	1.05	8.38446	5.54524	-0.0001289	-0.0010289	-0.0006805	-6.02E-05	-4.81E-04	-3.18E-04	-1.19E-04	-9.50E-04	-6.28E-04
2275	473669.83, 3848157.25	1.00323	8.0772	5.34121	-0.0001231	-0.0009912	-0.0006555	-5.75E-05	-4.63E-04	-3.06E-04	-1.14E-04	-9.15E-04	-6.05E-04
2276	473669.83, 3848182.25	0.96191	7.8013	5.17812	-0.000118	-0.0009574	-0.0006355	-5.52E-05	-4.47E-04	-2.97E-04	-1.09E-04	-8.84E-04	-5.87E-04
2277	473669.83, 3848207.25	0.91951	7.53997	4.99879	-0.0001128	-0.0009253	-0.0006134	-5.27E-05	-4.32E-04	-2.87E-04	-1.04E-04	-8.54E-04	-5.66E-04
2278	473694.83, 3847832.25	4.47656	24.57748	17.37869	-0.0005494	-0.0030161	-0.0021327	-2.57E-04	-1.41E-03	-9.97E-04	-5.07E-04	-2.78E-03	-1.97E-03
2279	473694.83, 3847857.25	3.46151	20.71532	14.42847	-0.0004248	-0.0025421	-0.0017706	-1.99E-04	-1.19E-03	-8.28E-04	-3.92E-04	-2.35E-03	-1.63E-03
2280	473694.83, 3847882.25	2.83894	17.98781	12.34156	-0.0003484	-0.0022074	-0.0015145	-1.63E-04	-1.03E-03	-7.08E-04	-3.22E-04	-2.04E-03	-1.40E-03
2281	473694.83, 3847907.25	2.41582	15.93629	10.80822	-0.0002965	-0.0019557	-0.0013264	-1.39E-04	-9.14E-04	-6.20E-04	-2.74E-04	-1.81E-03	-1.22E-03
2282	473694.83, 3847932.25	2.10587	14.31087	9.75716	-0.0002584	-0.0017562	-0.0011974	-1.21E-04	-8.21E-04	-5.60E-04	-2.39E-04	-1.62E-03	-1.11E-03
2283	473694.83, 3847957.25	1.87035	13.00242	8.97214	-0.0002295	-0.0015956	-0.001101	-1.07E-04	-7.46E-04	-5.15E-04	-2.12E-04	-1.47E-03	-1.02E-03
2284	473694.83, 3847982.25	1.67517	11.94013	8.21568	-0.0002056	-0.0014653	-0.0010082	-9.61E-05	-6.85E-04	-4.71E-04	-1.90E-04	-1.35E-03	-9.31E-04
2285	473694.83, 3848007.25	1.52194	11.13069	7.60361	-0.0001868	-0.0013659	-0.0009331	-8.73E-05	-6.38E-04	-4.36E-04	-1.72E-04	-1.26E-03	-8.61E-04
2286	473694.83, 3848032.25	1.40136	10.47334	7.11	-0.000172	-0.0012853	-0.0008725	-8.04E-05	-6.01E-04	-4.08E-04	-1.59E-04	-1.19E-03	-8.05E-04
2287	473694.83, 3848057.25	1.30515	9.93067	6.71103	-0.0001602	-0.0012187	-0.0008236	-7.49E-05	-5.70E-04	-3.85E-04	-1.48E-04	-1.12E-03	-7.60E-04
2288	473694.83, 3848082.25	1.2246	9.46034	6.34119	-0.0001503	-0.001161	-0.0007782	-7.02E-05	-5.43E-04	-3.64E-04	-1.39E-04	-1.07E-03	-7.18E-04
2289	473694.83, 3848107.25	1.15506	9.03831	6.0074	-0.0001417	-0.0011092	-0.0007372	-6.63E-05	-5.18E-04	-3.45E-04	-1.31E-04	-1.02E-03	-6.81E-04
2290	473694.83, 3848132.25	1.09373	8.65059	5.72132	-0.0001342	-0.0010616	-0.0007021	-6.27E-05	-4.96E-04	-3.28E-04	-1.24E-04	-9.80E-04	-6.48E-04
2291	473694.83, 3848157.25	1.04369	8.32927	5.49333	-0.0001281	-0.0010222	-0.0006741	-5.99E-05	-4.78E-04	-3.15E-04	-1.18E-04	-9.44E-04	-6.22E-04

2292	473694.83, 3848182.25	1.00016	8.04488	5.32582	-0.0001227	-0.0009873	-0.0006536	-5.74E-05	-4.61E-04	-3.05E-04	-1.13E-04	-9.11E-04	-6.03E-04
2293	473694.83, 3848207.25	0.95127	7.70949	5.11691	-0.0001167	-0.0009461	-0.0006279	-5.46E-05	-4.42E-04	-2.94E-04	-1.08E-04	-8.73E-04	-5.80E-04
2294	473719.83, 3847857.25	4.01281	22.79462	16.04319	-0.0004924	-0.0027973	-0.0019688	-2.30E-04	-1.31E-03	-9.20E-04	-4.55E-04	-2.58E-03	-1.82E-03
2295	473719.83, 3847882.25	3.19519	19.51181	13.53174	-0.0003921	-0.0023945	-0.0016606	-1.83E-04	-1.12E-03	-7.76E-04	-3.62E-04	-2.21E-03	-1.53E-03
2296	473719.83, 3847907.25	2.66991	17.12931	11.72458	-0.0003276	-0.0021021	-0.0014388	-1.53E-04	-9.83E-04	-6.73E-04	-3.02E-04	-1.94E-03	-1.33E-03
2297	473719.83, 3847932.25	2.29678	15.27081	10.38562	-0.0002819	-0.001874	-0.0012745	-1.32E-04	-8.76E-04	-5.96E-04	-2.60E-04	-1.73E-03	-1.18E-03
2298	473719.83, 3847957.25	2.02035	13.7958	9.4509	-0.0002479	-0.001693	-0.0011598	-1.16E-04	-7.91E-04	-5.42E-04	-2.29E-04	-1.56E-03	-1.07E-03
2299	473719.83, 3847982.25	1.80165	12.573	8.66183	-0.0002211	-0.0015429	-0.001063	-1.03E-04	-7.21E-04	-4.97E-04	-2.04E-04	-1.42E-03	-9.81E-04
2300	473719.83, 3848007.25	1.62294	11.62141	7.96303	-0.0001992	-0.0014262	-0.0009772	-9.31E-05	-6.67E-04	-4.57E-04	-1.84E-04	-1.32E-03	-9.02E-04
2301	473719.83, 3848032.25	1.48338	10.88704	7.41012	-0.000182	-0.001336	-0.0009094	-8.51E-05	-6.24E-04	-4.25E-04	-1.68E-04	-1.23E-03	-8.39E-04
2302	473719.83, 3848057.25	1.3773	10.31631	6.9852	-0.000169	-0.001266	-0.0008572	-7.90E-05	-5.92E-04	-4.01E-04	-1.56E-04	-1.17E-03	-7.91E-04
2303	473719.83, 3848082.25	1.29169	9.84388	6.63193	-0.0001585	-0.001208	-0.0008139	-7.41E-05	-5.65E-04	-3.80E-04	-1.46E-04	-1.12E-03	-7.51E-04
2304	473719.83, 3848107.25	1.20845	9.34653	6.24108	-0.0001483	-0.001147	-0.0007659	-6.93E-05	-5.36E-04	-3.58E-04	-1.37E-04	-1.06E-03	-7.07E-04
2305	473719.83, 3848132.25	1.13771	8.90656	5.89064	-0.0001396	-0.001093	-0.0007229	-6.53E-05	-5.11E-04	-3.38E-04	-1.29E-04	-1.01E-03	-6.67E-04
2306	473719.83, 3848157.25	1.08097	8.54697	5.63771	-0.0001327	-0.0010489	-0.0006919	-6.20E-05	-4.90E-04	-3.23E-04	-1.22E-04	-9.68E-04	-6.39E-04
2307	473719.83, 3848182.25	1.0332	8.23921	5.43968	-0.0001268	-0.0010111	-0.0006675	-5.93E-05	-4.73E-04	-3.12E-04	-1.17E-04	-9.33E-04	-6.16E-04
2308	473719.83, 3848207.25	0.98344	7.90182	5.23337	-0.0001207	-0.0009697	-0.0006422	-5.64E-05	-4.53E-04	-3.00E-04	-1.11E-04	-8.95E-04	-5.93E-04
2309	473719.83, 3848232.25	0.94023	7.62476	5.06871	-0.0001154	-0.0009357	-0.000622	-5.39E-05	-4.37E-04	-2.91E-04	-1.07E-04	-8.64E-04	-5.74E-04
2310	473744.83, 3847857.25	4.77356	25.4031	18.20584	-0.0005858	-0.0031174	-0.0022342	-2.74E-04	-1.46E-03	-1.04E-03	-5.41E-04	-2.88E-03	-2.06E-03
2311	473744.83, 3847882.25	3.66784	21.42617	14.98449	-0.0004501	-0.0026294	-0.0018389	-2.10E-04	-1.23E-03	-8.60E-04	-4.15E-04	-2.43E-03	-1.70E-03
2312	473744.83, 3847907.25	2.98451	18.5344	12.80953	-0.0003663	-0.0022745	-0.001572	-1.71E-04	-1.06E-03	-7.35E-04	-3.38E-04	-2.10E-03	-1.45E-03
2313	473744.83, 3847932.25	2.52327	16.36098	11.20146	-0.0003097	-0.0020078	-0.0013746	-1.45E-04	-9.38E-04	-6.43E-04	-2.86E-04	-1.85E-03	-1.27E-03
2314	473744.83, 3847957.25	2.1912	14.66451	10.03004	-0.0002689	-0.0017996	-0.0012309	-1.26E-04	-8.41E-04	-5.75E-04	-2.48E-04	-1.66E-03	-1.14E-03
2315	473744.83, 3847982.25	1.93657	13.27256	9.11459	-0.0002377	-0.0016288	-0.0011185	-1.11E-04	-7.61E-04	-5.23E-04	-2.19E-04	-1.50E-03	-1.03E-03
2316	473744.83, 3848007.25	1.73162	12.15072	8.33575	-0.0002125	-0.0014911	-0.0010229	-9.93E-05	-6.97E-04	-4.78E-04	-1.96E-04	-1.38E-03	-9.44E-04
2317	473744.83, 3848032.25	1.57377	11.32319	7.73195	-0.0001931	-0.0013896	-0.0009489	-9.03E-05	-6.49E-04	-4.44E-04	-1.78E-04	-1.28E-03	-8.76E-04
2318	473744.83, 3848057.25	1.45466	10.70977	7.26969	-0.0001785	-0.0013143	-0.0008921	-8.34E-05	-6.14E-04	-4.17E-04	-1.65E-04	-1.21E-03	-8.24E-04
2319	473744.83, 3848082.25	1.35692	10.18896	6.88096	-0.0001665	-0.0012504	-0.0008444	-7.78E-05	-5.84E-04	-3.95E-04	-1.54E-04	-1.15E-03	-7.79E-04
2320	473744.83, 3848107.25	1.26717	9.67548	6.49289	-0.0001555	-0.0011874	-0.0007968	-7.27E-05	-5.55E-04	-3.72E-04	-1.44E-04	-1.10E-03	-7.36E-04
2321	473744.83, 3848132.25	1.19103	9.21956	6.13486	-0.0001462	-0.0011314	-0.0007529	-6.83E-05	-5.29E-04	-3.52E-04	-1.35E-04	-1.04E-03	-6.95E-04
2322	473744.83, 3848157.25	1.12527	8.80922	5.81826	-0.0001381	-0.0010811	-0.000714	-6.45E-05	-5.05E-04	-3.34E-04	-1.27E-04	-9.98E-04	-6.59E-04
2323	473744.83, 3848182.25	1.06778	8.43906	5.55866	-0.000131	-0.0010356	-0.0006821	-6.12E-05	-4.84E-04	-3.19E-04	-1.21E-04	-9.56E-04	-6.30E-04
2324	473744.83, 3848207.25	1.01792	8.11261	5.36317	-0.0001249	-0.0009956	-0.0006582	-5.84E-05	-4.65E-04	-3.08E-04	-1.15E-04	-9.19E-04	-6.08E-04
2325	473744.83, 3848232.25	0.97332	7.81653	5.19614	-0.0001194	-0.0009592	-0.0006377	-5.58E-05	-4.48E-04	-2.98E-04	-1.10E-04	-8.85E-04	-5.89E-04
2326	473769.83, 3847882.25	4.30528	23.80278	16.8938	-0.0005283	-0.002921	-0.0020732	-2.47E-04	-1.37E-03	-9.69E-04	-4.88E-04	-2.70E-03	-1.91E-03
2327	473769.83, 3847907.25	3.38487	20.22018	14.07701	-0.0004154	-0.0024814	-0.0017275	-1.94E-04	-1.16E-03	-8.07E-04	-3.83E-04	-2.29E-03	-1.59E-03
2328	473769.83, 3847932.25	2.80071	17.63677	12.18573	-0.0003437	-0.0021644	-0.0014954	-1.61E-04	-1.01E-03	-6.99E-04	-3.17E-04	-2.00E-03	-1.38E-03
2329	473769.83, 3847957.25	2.3917	15.64407	10.75966	-0.0002935	-0.0019198	-0.0013204	-1.37E-04	-8.97E-04	-6.17E-04	-2.71E-04	-1.77E-03	-1.22E-03
2330	473769.83, 3847982.25	2.08329	14.0147	9.64468	-0.0002557	-0.0017199	-0.0011836	-1.19E-04	-8.04E-04	-5.53E-04	-2.36E-04	-1.59E-03	-1.09E-03
2331	473769.83, 3848007.25	1.8516	12.75054	8.74048	-0.0002272	-0.0015647	-0.0010726	-1.06E-04	-7.31E-04	-5.01E-04	-2.10E-04	-1.44E-03	-9.90E-04
2332	473769.83, 3848032.25	1.67545	11.8141	8.08543	-0.0002056	-0.0014498	-0.0009922	-9.61E-05	-6.78E-04	-4.64E-04	-1.90E-04	-1.34E-03	-9.16E-04
2333	473769.83, 3848057.25	1.53815	11.11485	7.5676	-0.0001888	-0.001364	-0.0009287	-8.82E-05	-6.38E-04	-4.34E-04	-1.74E-04	-1.26E-03	-8.57E-04
2334	473769.83, 3848082.25	1.42305	10.51552	7.11754	-0.0001746	-0.0012904	-0.0008735	-8.16E-05	-6.03E-04	-4.08E-04	-1.61E-04	-1.19E-03	-8.06E-04
2335	473769.83, 3848107.25	1.33616	10.05761	6.77324	-0.000164	-0.0012343	-0.0008312	-7.66E-05	-5.77E-04	-3.89E-04	-1.51E-04	-1.14E-03	-7.67E-04
2336	473769.83, 3848132.25	1.25086	9.56331	6.39267	-0.0001535	-0.0011736	-0.0007845	-7.17E-05	-5.49E-04	-3.67E-04	-1.42E-04	-1.08E-03	-7.24E-04
2337	473769.83, 3848157.25	1.17444	9.09553	6.02154	-0.0001441	-0.0011162	-0.000739	-6.74E-05	-5.22E-04	-3.45E-04	-1.33E-04	-1.03E-03	-6.82E-04
2338	473769.83, 3848182.25	1.10977	8.68836	5.74387	-0.0001362	-0.0010662	-0.0007049	-6.37E-05	-4.98E-04	-3.29E-04	-1.26E-04	-9.84E-04	-6.51E-04
2339	473769.83, 3848207.25	1.05525	8.33938	5.51095	-0.0001295	-0.0010234	-0.0006763	-6.05E-05	-4.78E-04	-3.16E-04	-1.20E-04	-9.45E-04	-6.24E-04
2340	473769.83, 3848232.25	1.00845	8.03635	5.3351	-0.0001238	-0.0009862	-0.0006547	-5.78E-05	-4.61E-04	-3.06E-04	-1.14E-04	-9.10E-04	-6.04E-04
2341	473769.83, 3848257.25	0.96514	7.752	5.17313	-0.0001184	-0.0009513	-0.0006348	-5.54E-05	-4.45E-04	-2.97E-04	-1.09E-04	-8.78E-04	-5.86E-04
2342	473794.83, 3847882.25	5.20858	26.90482	19.53691	-0.0006392	-0.0033017	-0.0023975	-2.99E-04	-1.54E-03	-1.12E-03	-5.90E-04	-3.05E-03	-2.21E-03
2343	473794.83, 3847907.25	3.90698	22.27335	15.64746	-0.0004795	-0.0027333	-0.0019202	-2.24E-04	-1.28E-03	-8.98E-04	-4.43E-04	-2.52E-03	-1.77E-03
2344	473794.83, 3847932.25	3.14217	19.1203	13.29568	-0.0003856	-0.0023464	-0.0016316	-1.80E-04	-1.10E-03	-7.63E-04	-3.56E-04	-2.17E-03	-1.51E-03
2345	473794.83, 3847957.25	2.63242	16.76922	11.61473	-0.000323	-0.0020579	-0.0014253	-1.51E-04	-9.62E-04	-6.66E-04	-2.98E-04	-1.90E-03	-1.32E-03
2346	473794.83, 3847982.25	2.26129	14.89392	10.30516	-0.0002775	-0.0018278	-0.0012646	-1.30E-04	-8.54E-04	-5.91E-04	-2.56E-04	-1.69E-03	-1.17E-03
2347	473794.83, 3848007.25	1.99061	13.4571	9.2768	-0.0002443	-0.0016514	-0.0011384	-1.14E-04	-7.72E-04	-5.32E-04	-2.25E-04	-1.52E-03	-1.05E-03
2348	473794.83, 3848032.25	1.78679	12.37756	8.46399	-0.0002193	-0.001519	-0.0010387	-1.02E-04	-7.10E-04	-4.85E-04	-2.02E-04	-1.40E-03	-9.59E-04
2349	473794.83, 3848057.25	1.62847	11.53828	7.881	-0.0001998	-0.001416	-0.0009671	-9.34E-05	-6.62E-04	-4.52E-04	-1.84E-04	-1.31E-03	-8.93E-04
2350	473794.83, 3848082.25	1.50097	10.89795	7.39678	-0.0001842	-0.0013374	-0.0009077	-8.61E-05	-6.25E-04	-4.24E-04	-1.70E-04	-1.23E-03	-8.38E-04
2351	473794.83, 3848107.25	1.40971	10.44694	7.04859	-0.000173	-0.001282	-0.000865	-8.09E-05	-5.99E-04	-4.04E-04	-1.60E-04	-1.18E-03	-7.98E-04
2352	473794.83, 3848132.25	1.31277	9.9016	6.64752	-0.0001611	-0.0012151	-0.0008158	-7.53E-05	-5.68E-04	-3.81E-04	-1.49E-04	-1.12E-03	-7.53E-04
2353	473794.83, 3848157.25	1.22751	9.39571	6.25383	-0.0001506	-0.001153	-0.0007675	-7.04E-05	-5.39E-04	-3.59E-04	-1.39E-04	-1.06E-03	-7.08E-04
2354	473794.83, 3848182.25	1.15794	8.97339	5.93088	-0.0001421	-0.0011012	-0.0007278	-6.64E-05	-5.15E-04	-3.40E-04	-1.31E-04	-1.02E-03	-6.72E-04
2355	473794.83, 3848207.25	1.09717	8.59325	5.68349	-0.0001346	-0.0010545	-0.0006975	-6.29E-05	-4.93E-04	-3.26E-04	-1.24E-04	-9.73E-04	-6.44E-04
2356	473794.83, 3848232.25	1.04922	8.29412	5.50391	-0.0001288	-0.0010178	-0.0006754	-6.02E-05	-4.76E-04	-3.16E-04	-1.19E-04	-9.40E-04	-6.23E-04
2357	473794.83, 3848257.25	1.00214	7.98744	5.32535	-0.000123	-0.0009802	-0.0006535	-5.75E-05	-4.58E-04	-3.05E-04	-1.14E-04	-9.05E-04	-6.03E-04
2358	473794.83, 3848282.25	0.95929	7.727	5.15802	-0.0001177	-0.0009482	-0.000633	-5.50E-05	-4.43E-04	-2.96E-04	-1.09E-04	-8.75E-04	-5.84E-04
2359	473819.83, 3847907.25	4.61292	24.8533	17.79625	-0.0005661	-0.00305	-0.0021839	-2.65E-04	-1.43E-03	-1.02E-03	-5.23E-04	-2.82E-03	-2.02E-03
2360	473819.83, 3847932.25	3.56345	20.81989	14.58345	-0.0004373	-0.002555	-0.0017897	-2.04E-04	-1.19E-03	-8.37E-04	-4.04E-04	-2.36E-03	-1.65E-03
2361	473819.83, 3847957.25	2.91283	17.9952	12.53345	-0.0003575	-0.0022083	-0.0015381	-1.67E-04	-1.03E-03	-7.19E-04	-3.30E-04	-2.04E-03	-1.42E-03
2362	473819.83, 3847982.25	2.46597	15.85939	11.0591	-0.0003026	-0.0019462	-0.0013572	-1.41E-04	-9.10E-04	-6.34E-04	-2.79E-04	-1.80E-03	-1.25E-03
2363	473819.83, 3848007.25	2.14787	14.25039	9.87002	-0.0002636	-0.0017488	-0.0012112	-1.23E-04	-8.17E-04	-5.66E-04	-2.43E-04	-1.61E-03	-1.12E-03
2364	473819.83, 3848032.25	1.91225	13.01413	8.95399	-0.0002347	-0.0015971	-0.0010988	-1.10E-04	-7.46E-04	-5.14E-04	-2.17E-04	-1.47E-03	-1.01E-03
2365	473819.83, 3848057.25	1.73163	12.06477	8.23322	-0.0002125	-0.0014806	-0.0010104	-9.93E-05	-6.92E-04	-4.72E-04	-1.96E-04	-1.37E-03	-9.33E-04
2366	473819.83, 3848082.25	1.58899	11.31953	7.7075	-0.000195	-0.0013891	-0.0009459	-9.11E-05	-6.49E-04	-4.42E-04	-1.80E-04	-1.28E-03	-8.73E-04
2367	473819.83, 3848107.25	1.47781	10.77125	7.2857	-0.0001814	-0.0013218	-0.0008941	-8.48E-05	-6.18E-04	-4.18E-04	-1.67E-04	-1.22E-03	-8.25E-04
2368	473819.83, 3848132.25	1.37628	10.22946	6.88669	-0.0001689	-0.0012553	-0.0008451	-7.89E-05	-5.87E-04	-3.95E-04	-1.56E-04	-1.16E-03	-7.80E-04
2369	473819.83, 3848157.25	1.28744	9.72889	6.50486	-0.000158	-0.0011939	-0.0007983	-7.38E-05	-5.58E-04	-3.73E-04	-1.46E-04	-1.10E-03	-7.37E-04
2370	473819.83, 3848182.25	1.21144	9.28435	6.14657	-0.0001487	-0.0011394	-0.0007543	-6.95E-05	-5.33E-04	-3.53E-04	-1.37E-04	-1.05E-03	-6.96E-04
2371	473819.83, 3848207.25	1.14578	8.88745	5.87322	-0.0001406	-0.0010907	-0.0007208	-6.57E-05	-5.10E-04	-3.37E-04	-1.30E-04	-1.01E-03	-6.65E-04
2372	473819.83, 3848232.25	1.09014	8.54376	5.65813	-0.0001338	-0.0010485	-0.0006944	-6.25E-05	-4.90E-04	-3.25E-04	-1.23E-04	-9.68E-04	-6.41E-04
2373	473819.83, 3848257.25	1.03943	8.22032	5.47601	-0.0001276	-0.0010088	-0.000672	-5.96E-05	-4.72E-04	-3.14E-04	-1.18E-04	-9.31E-04	-6.20E-04

2374	473819.83, 3848282.25	0.99497	7.93273	5.29909	-0.0001221	-0.0009735	-0.0006503	-5.71E-05	-4.55E-04	-3.04E-04	-1.13E-04	-8.99E-04	-6.00E-04
2375	473844.83, 3847932.25	4.11325	22.91787	16.26056	-0.0005048	-0.0028124	-0.0019955	-2.36E-04	-1.31E-03	-9.33E-04	-4.66E-04	-2.60E-03	-1.84E-03
2376	473844.83, 3847957.25	3.25405	19.40567	13.58629	-0.0003993	-0.0023814	-0.0016673	-1.87E-04	-1.11E-03	-7.79E-04	-3.69E-04	-2.20E-03	-1.54E-03
2377	473844.83, 3847982.25	2.71243	16.97354	11.87231	-0.0003329	-0.002083	-0.0014569	-1.56E-04	-9.74E-04	-6.81E-04	-3.07E-04	-1.92E-03	-1.34E-03
2378	473844.83, 3848007.25	2.3355	15.16867	10.59284	-0.0002866	-0.0018615	-0.0012999	-1.34E-04	-8.70E-04	-6.08E-04	-2.65E-04	-1.72E-03	-1.20E-03
2379	473844.83, 3848032.25	2.06025	13.76717	9.52757	-0.0002528	-0.0016895	-0.0011692	-1.18E-04	-7.90E-04	-5.47E-04	-2.33E-04	-1.56E-03	-1.08E-03
2380	473844.83, 3848057.25	1.85098	12.68729	8.7082	-0.0002271	-0.001557	-0.0010687	-1.06E-04	-7.28E-04	-5.00E-04	-2.10E-04	-1.44E-03	-9.86E-04
2381	473844.83, 3848082.25	1.68442	11.7934	8.0364	-0.0002067	-0.0014473	-0.0009862	-9.66E-05	-6.76E-04	-4.61E-04	-1.91E-04	-1.34E-03	-9.10E-04
2382	473844.83, 3848107.25	1.55357	11.12456	7.54925	-0.0001907	-0.0013652	-0.0009264	-8.91E-05	-6.38E-04	-4.33E-04	-1.76E-04	-1.26E-03	-8.55E-04
2383	473844.83, 3848132.25	1.44416	10.56615	7.13146	-0.0001772	-0.0012967	-0.0008752	-8.28E-05	-6.06E-04	-4.09E-04	-1.64E-04	-1.20E-03	-8.08E-04
2384	473844.83, 3848157.25	1.35081	10.06731	6.76684	-0.0001658	-0.0012354	-0.0008304	-7.75E-05	-5.77E-04	-3.88E-04	-1.53E-04	-1.14E-03	-7.67E-04
2385	473844.83, 3848182.25	1.26982	9.61501	6.39941	-0.0001558	-0.0011799	-0.0007853	-7.28E-05	-5.52E-04	-3.67E-04	-1.44E-04	-1.09E-03	-7.25E-04
2386	473844.83, 3848207.25	1.1986	9.19992	6.08119	-0.0001471	-0.001129	-0.0007463	-6.88E-05	-5.28E-04	-3.49E-04	-1.36E-04	-1.04E-03	-6.89E-04
2387	473844.83, 3848232.25	1.1348	8.81194	5.81895	-0.0001393	-0.0010814	-0.0007141	-6.51E-05	-5.05E-04	-3.34E-04	-1.29E-04	-9.98E-04	-6.59E-04
2388	473844.83, 3848257.25	1.0793	8.46524	5.61768	-0.0001324	-0.0010388	-0.0006894	-6.19E-05	-4.86E-04	-3.22E-04	-1.22E-04	-9.59E-04	-6.36E-04
2389	473844.83, 3848282.25	1.03388	8.18105	5.45525	-0.0001269	-0.001004	-0.0006695	-5.93E-05	-4.69E-04	-3.13E-04	-1.17E-04	-9.27E-04	-6.18E-04
2390	473844.83, 3848307.25	0.99422	7.94941	5.30206	-0.000122	-0.0009755	-0.0006507	-5.70E-05	-4.56E-04	-3.04E-04	-1.13E-04	-9.01E-04	-6.01E-04
2391	473869.83, 3847932.25	4.85001	25.48984	18.35647	-0.0005952	-0.0031281	-0.0022527	-2.78E-04	-1.46E-03	-1.05E-03	-5.49E-04	-2.89E-03	-2.08E-03
2392	473869.83, 3847957.25	3.69722	21.16106	14.97092	-0.0004537	-0.0025968	-0.0018372	-2.12E-04	-1.21E-03	-8.59E-04	-4.19E-04	-2.40E-03	-1.70E-03
2393	473869.83, 3847982.25	3.02246	18.34375	12.85144	-0.0003709	-0.0022511	-0.0015771	-1.73E-04	-1.05E-03	-7.37E-04	-3.42E-04	-2.08E-03	-1.46E-03
2394	473869.83, 3848007.25	2.56379	16.2463	11.38812	-0.0003146	-0.0019937	-0.0013975	-1.47E-04	-9.32E-04	-6.53E-04	-2.90E-04	-1.84E-03	-1.29E-03
2395	473869.83, 3848032.25	2.23324	14.63445	10.21709	-0.0002741	-0.0017959	-0.0012538	-1.28E-04	-8.39E-04	-5.86E-04	-2.53E-04	-1.66E-03	-1.16E-03
2396	473869.83, 3848057.25	1.98607	13.37059	9.24156	-0.0002437	-0.0016408	-0.0011341	-1.14E-04	-7.67E-04	-5.30E-04	-2.25E-04	-1.51E-03	-1.05E-03
2397	473869.83, 3848082.25	1.79456	12.37451	8.47866	-0.0002202	-0.0015186	-0.0010405	-1.03E-04	-7.10E-04	-4.86E-04	-2.03E-04	-1.40E-03	-9.60E-04
2398	473869.83, 3848107.25	1.64548	11.57354	7.87704	-0.0002019	-0.0014203	-0.0009667	-9.44E-05	-6.64E-04	-4.52E-04	-1.86E-04	-1.31E-03	-8.92E-04
2399	473869.83, 3848132.25	1.52238	10.95119	7.41418	-0.0001868	-0.0013439	-0.0009099	-8.73E-05	-6.28E-04	-4.25E-04	-1.72E-04	-1.24E-03	-8.40E-04
2400	473869.83, 3848157.25	1.41963	10.42393	7.02279	-0.0001742	-0.0012792	-0.0008618	-8.14E-05	-5.98E-04	-4.03E-04	-1.61E-04	-1.18E-03	-7.96E-04
2401	473869.83, 3848182.25	1.33148	9.95166	6.66604	-0.0001634	-0.0012213	-0.000818	-7.64E-05	-5.71E-04	-3.82E-04	-1.51E-04	-1.13E-03	-7.55E-04
2402	473869.83, 3848207.25	1.25268	9.5065	6.29586	-0.0001537	-0.0011666	-0.0007726	-7.19E-05	-5.45E-04	-3.61E-04	-1.42E-04	-1.08E-03	-7.13E-04
2403	473869.83, 3848232.25	1.18477	9.1087	6.01129	-0.0001454	-0.0011178	-0.0007377	-6.80E-05	-5.22E-04	-3.45E-04	-1.34E-04	-1.03E-03	-6.81E-04
2404	473869.83, 3848257.25	1.12342	8.73371	5.77005	-0.0001379	-0.0010718	-0.0007081	-6.44E-05	-5.01E-04	-3.31E-04	-1.27E-04	-9.89E-04	-6.54E-04
2405	473869.83, 3848282.25	1.07451	8.43481	5.61389	-0.0001319	-0.0010351	-0.0006889	-6.16E-05	-4.84E-04	-3.22E-04	-1.22E-04	-9.55E-04	-6.36E-04
2406	473869.83, 3848307.25	1.03286	8.17934	5.46034	-0.0001268	-0.0010038	-0.0006701	-5.92E-05	-4.69E-04	-3.13E-04	-1.17E-04	-9.27E-04	-6.19E-04
2407	473869.83, 3848332.25	0.99048	7.9576	5.29402	-0.0001216	-0.0009765	-0.0006497	-5.68E-05	-4.56E-04	-3.04E-04	-1.12E-04	-9.01E-04	-6.00E-04
2408	473894.83, 3847957.25	4.29779	23.3895	16.68591	-0.0005274	-0.0028703	-0.0020477	-2.47E-04	-1.34E-03	-9.57E-04	-4.87E-04	-2.65E-03	-1.89E-03
2409	473894.83, 3847982.25	3.40345	19.93995	14.10371	-0.0004177	-0.002447	-0.0017308	-1.95E-04	-1.14E-03	-8.09E-04	-3.86E-04	-2.26E-03	-1.60E-03
2410	473894.83, 3848007.25	2.82863	17.46118	12.26039	-0.0003471	-0.0021428	-0.0015046	-1.62E-04	-1.00E-03	-7.03E-04	-3.20E-04	-1.98E-03	-1.39E-03
2411	473894.83, 3848032.25	2.43153	15.59583	10.9232	-0.0002984	-0.0019139	-0.0013405	-1.39E-04	-8.95E-04	-6.27E-04	-2.75E-04	-1.77E-03	-1.24E-03
2412	473894.83, 3848057.25	2.14264	14.1447	9.86245	-0.0002629	-0.0017358	-0.0012103	-1.23E-04	-8.11E-04	-5.66E-04	-2.43E-04	-1.60E-03	-1.12E-03
2413	473894.83, 3848082.25	1.92496	13.05191	9.00316	-0.0002362	-0.0016017	-0.0011049	-1.10E-04	-7.49E-04	-5.16E-04	-2.18E-04	-1.48E-03	-1.02E-03
2414	473894.83, 3848107.25	1.75135	12.14028	8.30835	-0.0002149	-0.0014898	-0.0010196	-1.00E-04	-6.96E-04	-4.77E-04	-1.98E-04	-1.38E-03	-9.41E-04
2415	473894.83, 3848132.25	1.6133	11.41229	7.75091	-0.000198	-0.0014005	-0.0009512	-9.25E-05	-6.55E-04	-4.45E-04	-1.83E-04	-1.29E-03	-8.78E-04
2416	473894.83, 3848157.25	1.49792	10.8247	7.3103	-0.0001838	-0.0013284	-0.0008971	-8.59E-05	-6.21E-04	-4.19E-04	-1.70E-04	-1.23E-03	-8.28E-04
2417	473894.83, 3848182.25	1.39837	10.30682	6.92959	-0.0001716	-0.0012648	-0.0008504	-8.02E-05	-5.91E-04	-3.97E-04	-1.58E-04	-1.17E-03	-7.85E-04
2418	473894.83, 3848207.25	1.31281	9.8415	6.55122	-0.0001611	-0.0012077	-0.000804	-7.53E-05	-5.65E-04	-3.76E-04	-1.49E-04	-1.11E-03	-7.42E-04
2419	473894.83, 3848232.25	1.23892	9.42287	6.2289	-0.000152	-0.0011564	-0.0007644	-7.11E-05	-5.40E-04	-3.57E-04	-1.40E-04	-1.07E-03	-7.06E-04
2420	473894.83, 3848257.25	1.17119	9.01885	5.94907	-0.0001437	-0.0011068	-0.0007301	-6.72E-05	-5.17E-04	-3.41E-04	-1.33E-04	-1.02E-03	-6.74E-04
2421	473894.83, 3848282.25	1.11616	8.68713	5.75577	-0.000137	-0.0010661	-0.0007063	-6.40E-05	-4.98E-04	-3.30E-04	-1.26E-04	-9.84E-04	-6.52E-04
2422	473894.83, 3848307.25	1.06999	8.40709	5.60189	-0.0001313	-0.0010317	-0.0006875	-6.14E-05	-4.82E-04	-3.21E-04	-1.21E-04	-9.52E-04	-6.35E-04
2423	473894.83, 3848332.25	1.02544	8.14914	5.42945	-0.0001258	-0.001	-0.0006663	-5.88E-05	-4.67E-04	-3.11E-04	-1.16E-04	-9.23E-04	-6.15E-04
2424	473894.83, 3848357.25	0.98415	7.94463	5.26149	-0.0001208	-0.000975	-0.0006457	-5.65E-05	-4.56E-04	-3.02E-04	-1.11E-04	-9.00E-04	-5.96E-04
2425	473919.83, 3847957.25	5.14365	26.28174	19.10588	-0.0006312	-0.0032253	-0.0023446	-2.95E-04	-1.51E-03	-1.10E-03	-5.83E-04	-2.98E-03	-2.16E-03
2426	473919.83, 3847982.25	3.89519	21.86814	15.62962	-0.000478	-0.0026836	-0.001918	-2.23E-04	-1.25E-03	-8.97E-04	-4.41E-04	-2.48E-03	-1.77E-03
2427	473919.83, 3848007.25	3.15765	18.89913	13.35054	-0.0003875	-0.0023193	-0.0016384	-1.81E-04	-1.08E-03	-7.66E-04	-3.58E-04	-2.14E-03	-1.51E-03
2428	473919.83, 3848032.25	2.67096	16.7396	11.73688	-0.0003278	-0.0020543	-0.0014403	-1.53E-04	-9.60E-04	-6.73E-04	-3.03E-04	-1.90E-03	-1.33E-03
2429	473919.83, 3848057.25	2.32717	15.07308	10.55914	-0.0002856	-0.0018497	-0.0012958	-1.33E-04	-8.65E-04	-6.06E-04	-2.64E-04	-1.71E-03	-1.20E-03
2430	473919.83, 3848082.25	2.07224	13.79415	9.58708	-0.0002543	-0.0016928	-0.0011765	-1.19E-04	-7.91E-04	-5.50E-04	-2.35E-04	-1.56E-03	-1.09E-03
2431	473919.83, 3848107.25	1.87421	12.79486	8.80586	-0.00023	-0.0015702	-0.0010806	-1.08E-04	-7.34E-04	-5.05E-04	-2.12E-04	-1.45E-03	-9.98E-04
2432	473919.83, 3848132.25	1.71603	11.96195	8.17151	-0.0002106	-0.001468	-0.0010028	-9.84E-05	-6.86E-04	-4.69E-04	-1.94E-04	-1.36E-03	-9.26E-04
2433	473919.83, 3848157.25	1.58448	11.27124	7.6362	-0.0001944	-0.0013832	-0.0009371	-9.09E-05	-6.47E-04	-4.38E-04	-1.79E-04	-1.28E-03	-8.65E-04
2434	473919.83, 3848182.25	1.47298	10.69533	7.20587	-0.0001808	-0.0013125	-0.0008843	-8.45E-05	-6.13E-04	-4.13E-04	-1.67E-04	-1.21E-03	-8.16E-04
2435	473919.83, 3848207.25	1.37947	10.20537	6.84398	-0.0001693	-0.0012524	-0.0008399	-7.91E-05	-5.85E-04	-3.93E-04	-1.56E-04	-1.16E-03	-7.75E-04
2436	473919.83, 3848232.25	1.29788	9.75703	6.46437	-0.0001593	-0.0011974	-0.0007933	-7.44E-05	-5.60E-04	-3.71E-04	-1.47E-04	-1.11E-03	-7.32E-04
2437	473919.83, 3848257.25	1.22364	9.32626	6.15176	-0.0001502	-0.0011445	-0.0007549	-7.02E-05	-5.35E-04	-3.53E-04	-1.39E-04	-1.06E-03	-6.97E-04
2438	473919.83, 3848282.25	1.16139	8.95637	5.9092	-0.0001425	-0.0010991	-0.0007252	-6.66E-05	-5.14E-04	-3.39E-04	-1.32E-04	-1.01E-03	-6.69E-04
2439	473919.83, 3848307.25	1.10867	8.63828	5.74076	-0.0001361	-0.0010601	-0.0007045	-6.36E-05	-4.95E-04	-3.29E-04	-1.26E-04	-9.79E-04	-6.50E-04
2440	473919.83, 3848332.25	1.06125	8.34611	5.56309	-0.0001302	-0.0010242	-0.0006827	-6.09E-05	-4.79E-04	-3.19E-04	-1.20E-04	-9.45E-04	-6.30E-04
2441	473919.83, 3848357.25	1.01798	8.12827	5.39107	-0.0001249	-0.0009975	-0.0006616	-5.84E-05	-4.66E-04	-3.09E-04	-1.15E-04	-9.21E-04	-6.11E-04
2442	473919.83, 3848382.25	0.97904	7.94251	5.23436	-0.0001201	-0.0009747	-0.0006424	-5.62E-05	-4.56E-04	-3.00E-04	-1.11E-04	-9.00E-04	-5.93E-04
2443	473944.83, 3847982.25	4.57815	24.36723	17.4271	-0.0005618	-0.0029903	-0.0021386	-2.63E-04	-1.40E-03	-1.00E-03	-5.19E-04	-2.76E-03	-1.97E-03
2444	473944.83, 3848007.25	3.60334	20.76828	14.85749	-0.0004422	-0.0025486	-0.0018233	-2.07E-04	-1.19E-03	-8.52E-04	-4.08E-04	-2.35E-03	-1.68E-03
2445	473944.83, 3848032.25	2.97912	18.1604	12.7932	-0.0003656	-0.0022286	-0.00157	-1.71E-04	-1.04E-03	-7.34E-04	-3.37E-04	-2.06E-03	-1.45E-03
2446	473944.83, 3848057.25	2.54798	16.16073	11.32668	-0.0003127	-0.0019832	-0.00139	-1.46E-04	-9.27E-04	-6.50E-04	-2.89E-04	-1.83E-03	-1.28E-03
2447	473944.83, 3848082.25	2.24115	14.62366	10.24936	-0.000275	-0.0017946	-0.0012578	-1.29E-04	-8.39E-04	-5.88E-04	-2.54E-04	-1.66E-03	-1.16E-03
2448	473944.83, 3848107.25	2.01434	13.52123	9.36398	-0.0002472	-0.0016593	-0.0011491	-1.16E-04	-7.76E-04	-5.37E-04	-2.28E-04	-1.53E-03	-1.06E-03
2449	473944.83, 3848132.25	1.83191	12.59008	8.63996	-0.0002248	-0.001545	-0.0010603	-1.05E-04	-7.22E-04	-4.96E-04	-2.08E-04	-1.43E-03	-9.79E-04
2450	473944.83, 3848157.25	1.68285	11.7916	8.04025	-0.0002065	-0.001447	-0.0009867	-9.65E-05	-6.76E-04	-4.61E-04	-1.91E-04	-1.34E-03	-9.11E-04
2451	473944.83, 3848182.25	1.5587	11.14925	7.53453	-0.0001913	-0.0013682	-0.0009246	-8.94E-05	-6.40E-04	-4.32E-04	-1.77E-04	-1.26E-03	-8.54E-04
2452	473944.83, 3848207.25	1.45343	10.60044	7.1272	-0.0001784	-0.0013009	-0.0008746	-8.34E-05	-6.08E-04	-4.09E-04	-1.65E-04	-1.20E-03	-8.07E-04
2453	473944.83, 3848232.25	1.3631	10.11912	6.75137	-0.0001673	-0.0012418	-0.0008285	-7.82E-05	-5.80E-04	-3.87E-04	-1.54E-04	-1.15E-03	-7.65E-04
2454	473944.83, 3848257.25	1.28142	9.65826	6.38682	-0.0001573	-0.0011852	-0.0007838	-7.35E-05	-5.54E-04	-3.66E-04	-1.45E-04	-1.09E-03	-7.23E-04
2455	473944.83, 3848282.25	1.21243	9.25736	6.10446	-0.0001488	-0.001136	-0.0007491	-6.95E-05	-5.31E-04	-3.50E-04	-1.37E-04	-1.05E-03	-6.92E-04

2456	473944.83, 3848307.25	1.15302	8.90347	5.89138	-0.0001415	-0.0010926	-0.000723	-6.61E-05	-5.11E-04	-3.38E-04	-1.31E-04	-1.01E-03	-6.67E-04
2457	473944.83, 3848332.25	1.09912	8.5732	5.70378	-0.0001349	-0.0010521	-0.0007	-6.30E-05	-4.92E-04	-3.27E-04	-1.25E-04	-9.71E-04	-6.46E-04
2458	473944.83, 3848357.25	1.05353	8.31627	5.52944	-0.0001293	-0.0010206	-0.0006786	-6.04E-05	-4.77E-04	-3.17E-04	-1.19E-04	-9.42E-04	-6.26E-04
2459	473944.83, 3848382.25	1.01466	8.14312	5.37548	-0.0001245	-0.0009993	-0.0006597	-5.82E-05	-4.67E-04	-3.08E-04	-1.15E-04	-9.22E-04	-6.09E-04
2460	473969.83, 3848007.25	4.20985	23.1317	16.45068	-0.0005166	-0.0028387	-0.0020188	-2.41E-04	-1.33E-03	-9.44E-04	-4.77E-04	-2.62E-03	-1.86E-03
2461	473969.83, 3848032.25	3.36949	19.8504	14.08461	-0.0004135	-0.002436	-0.0017284	-1.93E-04	-1.14E-03	-8.08E-04	-3.82E-04	-2.25E-03	-1.60E-03
2462	473969.83, 3848057.25	2.81931	17.43394	12.2504	-0.000346	-0.0021395	-0.0015033	-1.62E-04	-1.00E-03	-7.03E-04	-3.19E-04	-1.97E-03	-1.39E-03
2463	473969.83, 3848082.25	2.44391	15.64895	10.97275	-0.0002999	-0.0019204	-0.0013466	-1.40E-04	-8.98E-04	-6.29E-04	-2.77E-04	-1.77E-03	-1.24E-03
2464	473969.83, 3848107.25	2.17844	14.34594	10.02255	-0.0002673	-0.0017605	-0.00123	-1.25E-04	-8.23E-04	-5.75E-04	-2.47E-04	-1.63E-03	-1.14E-03
2465	473969.83, 3848132.25	1.966	13.29812	9.17801	-0.0002413	-0.0016319	-0.0011263	-1.13E-04	-7.63E-04	-5.26E-04	-2.23E-04	-1.51E-03	-1.04E-03
2466	473969.83, 3848157.25	1.79513	12.41166	8.49344	-0.0002203	-0.0015231	-0.0010423	-1.03E-04	-7.12E-04	-4.87E-04	-2.03E-04	-1.41E-03	-9.62E-04
2467	473969.83, 3848182.25	1.6556	11.66753	7.93724	-0.0002032	-0.0014318	-0.000974	-9.50E-05	-6.69E-04	-4.55E-04	-1.88E-04	-1.32E-03	-8.99E-04
2468	473969.83, 3848207.25	1.53809	11.06077	7.45748	-0.0001888	-0.0013574	-0.0009152	-8.82E-05	-6.34E-04	-4.28E-04	-1.74E-04	-1.25E-03	-8.45E-04
2469	473969.83, 3848232.25	1.43793	10.52924	7.06727	-0.0001765	-0.0012921	-0.0008673	-8.25E-05	-6.04E-04	-4.05E-04	-1.63E-04	-1.19E-03	-8.01E-04
2470	473969.83, 3848257.25	1.34672	10.02803	6.64951	-0.0001653	-0.0012306	-0.000816	-7.72E-05	-5.75E-04	-3.81E-04	-1.53E-04	-1.14E-03	-7.53E-04
2471	473969.83, 3848282.25	1.27031	9.59513	6.33307	-0.0001559	-0.0011775	-0.0007772	-7.29E-05	-5.50E-04	-3.63E-04	-1.44E-04	-1.09E-03	-7.17E-04
2472	473969.83, 3848307.25	1.20459	9.21221	6.07529	-0.0001478	-0.0011305	-0.0007455	-6.91E-05	-5.28E-04	-3.48E-04	-1.36E-04	-1.04E-03	-6.88E-04
2473	473969.83, 3848332.25	1.14436	8.84837	5.87019	-0.0001404	-0.0010859	-0.0007204	-6.56E-05	-5.08E-04	-3.37E-04	-1.30E-04	-1.00E-03	-6.65E-04
2474	473969.83, 3848357.25	1.09412	8.5446	5.68425	-0.0001343	-0.0010486	-0.0006976	-6.28E-05	-4.90E-04	-3.26E-04	-1.24E-04	-9.68E-04	-6.44E-04
2475	473969.83, 3848382.25	1.05131	8.33875	5.52686	-0.000129	-0.0010233	-0.0006782	-6.03E-05	-4.78E-04	-3.17E-04	-1.19E-04	-9.45E-04	-6.26E-04
2476	473969.83, 3848407.25	1.00121	8.07168	5.30215	-0.0001229	-0.0009905	-0.0006507	-5.74E-05	-4.63E-04	-3.04E-04	-1.13E-04	-9.14E-04	-6.01E-04
2477	473994.83, 3848007.25	5.07174	26.17427	18.91177	-0.0006224	-0.0032121	-0.0023208	-2.91E-04	-1.50E-03	-1.08E-03	-5.75E-04	-2.97E-03	-2.14E-03
2478	473994.83, 3848032.25	3.88612	21.92107	15.49147	-0.0004769	-0.0026901	-0.0019011	-2.23E-04	-1.26E-03	-8.89E-04	-4.40E-04	-2.48E-03	-1.75E-03
2479	473994.83, 3848057.25	3.15956	18.93465	13.40538	-0.0003877	-0.0023236	-0.0016451	-1.81E-04	-1.09E-03	-7.69E-04	-3.58E-04	-2.14E-03	-1.52E-03
2480	473994.83, 3848082.25	2.70064	16.89797	11.85807	-0.0003314	-0.0020737	-0.0014552	-1.55E-04	-9.69E-04	-6.80E-04	-3.06E-04	-1.91E-03	-1.34E-03
2481	473994.83, 3848107.25	2.38366	15.38949	10.77928	-0.0002925	-0.0018886	-0.0013228	-1.37E-04	-8.83E-04	-6.18E-04	-2.70E-04	-1.74E-03	-1.22E-03
2482	473994.83, 3848132.25	2.12805	14.13471	9.83742	-0.0002612	-0.0017346	-0.0012072	-1.22E-04	-8.11E-04	-5.64E-04	-2.41E-04	-1.60E-03	-1.11E-03
2483	473994.83, 3848157.25	1.92642	13.11927	9.03053	-0.0002364	-0.00161	-0.0011082	-1.10E-04	-7.53E-04	-5.18E-04	-2.18E-04	-1.49E-03	-1.02E-03
2484	473994.83, 3848182.25	1.76587	12.27271	8.37888	-0.0002167	-0.0015061	-0.0010282	-1.01E-04	-7.04E-04	-4.81E-04	-2.00E-04	-1.39E-03	-9.49E-04
2485	473994.83, 3848207.25	1.63228	11.57341	7.85237	-0.0002003	-0.0014203	-0.0009636	-9.36E-05	-6.64E-04	-4.50E-04	-1.85E-04	-1.31E-03	-8.90E-04
2486	473994.83, 3848232.25	1.52047	10.98766	7.39429	-0.0001866	-0.0013484	-0.0009074	-8.72E-05	-6.30E-04	-4.24E-04	-1.72E-04	-1.24E-03	-8.38E-04
2487	473994.83, 3848257.25	1.41841	10.4245	6.97087	-0.0001741	-0.0012793	-0.0008555	-8.14E-05	-5.98E-04	-4.00E-04	-1.61E-04	-1.18E-03	-7.90E-04
2488	473994.83, 3848282.25	1.33412	9.96059	6.59353	-0.0001637	-0.0012223	-0.0008091	-7.65E-05	-5.71E-04	-3.78E-04	-1.51E-04	-1.13E-03	-7.47E-04
2489	473994.83, 3848307.25	1.262	9.55138	6.2974	-0.0001549	-0.0011721	-0.0007728	-7.24E-05	-5.48E-04	-3.61E-04	-1.43E-04	-1.08E-03	-7.13E-04
2490	473994.83, 3848332.25	1.19552	9.1579	6.0498	-0.0001467	-0.0011238	-0.0007424	-6.86E-05	-5.25E-04	-3.47E-04	-1.35E-04	-1.04E-03	-6.85E-04
2491	473994.83, 3848357.25	1.1392	8.82089	5.85747	-0.0001398	-0.0010825	-0.0007188	-6.53E-05	-5.06E-04	-3.36E-04	-1.29E-04	-9.99E-04	-6.64E-04
2492	473994.83, 3848382.25	1.09211	8.56536	5.68343	-0.000134	-0.0010511	-0.0006975	-6.26E-05	-4.91E-04	-3.26E-04	-1.24E-04	-9.70E-04	-6.44E-04
2493	473994.83, 3848407.25	1.04138	8.30061	5.47575	-0.0001278	-0.0010186	-0.000672	-5.97E-05	-4.76E-04	-3.14E-04	-1.18E-04	-9.40E-04	-6.20E-04
2494	473994.83, 3848432.25	0.99165	8.03498	5.25231	-0.0001217	-0.000986	-0.0006446	-5.69E-05	-4.61E-04	-3.01E-04	-1.12E-04	-9.10E-04	-5.95E-04
2495	474019.83, 3848032.25	4.61831	24.6438	17.60602	-0.0005668	-0.0030242	-0.0021606	-2.65E-04	-1.41E-03	-1.01E-03	-5.23E-04	-2.79E-03	-1.99E-03
2496	474019.83, 3848057.25	3.62391	20.88159	14.73958	-0.0004447	-0.0025626	-0.0018088	-2.08E-04	-1.20E-03	-8.45E-04	-4.11E-04	-2.37E-03	-1.67E-03
2497	474019.83, 3848082.25	3.04209	18.49817	13.08045	-0.0003733	-0.0022701	-0.0016052	-1.74E-04	-1.06E-03	-7.50E-04	-3.45E-04	-2.10E-03	-1.48E-03
2498	474019.83, 3848107.25	2.63589	16.66038	11.6657	-0.0003235	-0.0020445	-0.0014316	-1.51E-04	-9.56E-04	-6.69E-04	-2.99E-04	-1.89E-03	-1.32E-03
2499	474019.83, 3848132.25	2.32467	15.12409	10.58558	-0.0002853	-0.001856	-0.001299	-1.33E-04	-8.68E-04	-6.07E-04	-2.63E-04	-1.71E-03	-1.20E-03
2500	474019.83, 3848157.25	2.08471	13.95526	9.67726	-0.0002558	-0.0017126	-0.0011876	-1.20E-04	-8.00E-04	-5.55E-04	-2.36E-04	-1.58E-03	-1.10E-03
2501	474019.83, 3848182.25	1.89465	12.98035	8.92243	-0.0002325	-0.0015929	-0.0010949	-1.09E-04	-7.45E-04	-5.12E-04	-2.15E-04	-1.47E-03	-1.01E-03
2502	474019.83, 3848207.25	1.7383	12.13487	8.28168	-0.0002133	-0.0014892	-0.0010163	-9.97E-05	-6.96E-04	-4.75E-04	-1.97E-04	-1.37E-03	-9.38E-04
2503	474019.83, 3848232.25	1.61068	11.48355	7.7132	-0.0001977	-0.0014092	-0.0009537	-9.24E-05	-6.59E-04	-4.46E-04	-1.82E-04	-1.30E-03	-8.80E-04
2504	474019.83, 3848257.25	1.49833	10.87586	7.30946	-0.0001839	-0.0013347	-0.000897	-8.59E-05	-6.24E-04	-4.19E-04	-1.70E-04	-1.23E-03	-8.28E-04
2505	474019.83, 3848282.25	1.4055	10.36278	6.89143	-0.0001725	-0.0012717	-0.0008457	-8.06E-05	-5.94E-04	-3.95E-04	-1.59E-04	-1.17E-03	-7.81E-04
2506	474019.83, 3848307.25	1.32633	9.92649	6.55652	-0.0001628	-0.0012182	-0.0008046	-7.61E-05	-5.69E-04	-3.76E-04	-1.50E-04	-1.12E-03	-7.43E-04
2507	474019.83, 3848332.25	1.25401	9.50951	6.26707	-0.0001539	-0.001167	-0.0007691	-7.19E-05	-5.45E-04	-3.59E-04	-1.42E-04	-1.08E-03	-7.10E-04
2508	474019.83, 3848357.25	1.18866	9.12008	6.03845	-0.0001459	-0.0011192	-0.000741	-6.82E-05	-5.23E-04	-3.46E-04	-1.35E-04	-1.03E-03	-6.84E-04
2509	474019.83, 3848382.25	1.13596	8.80846	5.85106	-0.0001394	-0.001081	-0.000718	-6.52E-05	-5.05E-04	-3.36E-04	-1.29E-04	-9.98E-04	-6.63E-04
2510	474019.83, 3848407.25	1.08194	8.52238	5.63792	-0.0001328	-0.0010459	-0.0006919	-6.21E-05	-4.89E-04	-3.23E-04	-1.23E-04	-9.65E-04	-6.39E-04
2511	474019.83, 3848432.25	1.03157	8.26421	5.42499	-0.0001266	-0.0010142	-0.0006657	-5.92E-05	-4.74E-04	-3.11E-04	-1.17E-04	-9.36E-04	-6.15E-04
2512	474019.83, 3848457.25	0.98705	8.0412	5.23326	-0.0001211	-0.0009868	-0.0006422	-5.66E-05	-4.61E-04	-3.00E-04	-1.12E-04	-9.11E-04	-5.93E-04
2513	474044.83, 3848057.25	4.29571	23.57107	16.62215	-0.0005272	-0.0028926	-0.0020398	-2.46E-04	-1.35E-03	-9.53E-04	-4.87E-04	-2.67E-03	-1.88E-03
2514	474044.83, 3848082.25	3.49922	20.55133	14.47245	-0.0004294	-0.002522	-0.001776	-2.01E-04	-1.18E-03	-8.30E-04	-3.96E-04	-2.33E-03	-1.64E-03
2515	474044.83, 3848107.25	2.94697	18.16094	12.79811	-0.0003616	-0.0022287	-0.0015706	-1.69E-04	-1.04E-03	-7.34E-04	-3.34E-04	-2.06E-03	-1.45E-03
2516	474044.83, 3848132.25	2.56237	16.35167	11.43057	-0.0003144	-0.0020066	-0.0014027	-1.47E-04	-9.38E-04	-6.56E-04	-2.90E-04	-1.85E-03	-1.29E-03
2517	474044.83, 3848157.25	2.27538	14.94144	10.41592	-0.0002792	-0.0018336	-0.0012782	-1.31E-04	-8.57E-04	-5.97E-04	-2.58E-04	-1.69E-03	-1.18E-03
2518	474044.83, 3848182.25	2.048	13.80774	9.53734	-0.0002513	-0.0016945	-0.0011704	-1.17E-04	-7.92E-04	-5.47E-04	-2.32E-04	-1.56E-03	-1.08E-03
2519	474044.83, 3848207.25	1.85997	12.81186	8.78859	-0.0002283	-0.0015722	-0.0010785	-1.07E-04	-7.35E-04	-5.04E-04	-2.11E-04	-1.45E-03	-9.96E-04
2520	474044.83, 3848232.25	1.71329	12.03266	8.19044	-0.0002103	-0.0014766	-0.0010051	-9.83E-05	-6.90E-04	-4.70E-04	-1.94E-04	-1.36E-03	-9.28E-04
2521	474044.83, 3848257.25	1.58855	11.38138	7.68429	-0.0001949	-0.0013967	-0.000943	-9.11E-05	-6.53E-04	-4.41E-04	-1.80E-04	-1.29E-03	-8.70E-04
2522	474044.83, 3848282.25	1.48626	10.82857	7.2598	-0.0001824	-0.0013289	-0.0008909	-8.53E-05	-6.21E-04	-4.16E-04	-1.68E-04	-1.23E-03	-8.22E-04
2523	474044.83, 3848307.25	1.39812	10.33752	6.8401	-0.0001716	-0.0012686	-0.0008394	-8.02E-05	-5.93E-04	-3.92E-04	-1.58E-04	-1.17E-03	-7.75E-04
2524	474044.83, 3848332.25	1.31702	9.87926	6.5116	-0.0001616	-0.0012124	-0.0007991	-7.55E-05	-5.67E-04	-3.74E-04	-1.49E-04	-1.12E-03	-7.38E-04
2525	474044.83, 3848357.25	1.24639	9.46864	6.2481	-0.000153	-0.001162	-0.0007668	-7.15E-05	-5.43E-04	-3.58E-04	-1.41E-04	-1.07E-03	-7.08E-04
2526	474044.83, 3848382.25	1.18516	9.10662	6.0413	-0.0001454	-0.0011175	-0.0007414	-6.80E-05	-5.22E-04	-3.47E-04	-1.34E-04	-1.03E-03	-6.84E-04
2527	474044.83, 3848407.25	1.12766	8.78086	5.8175	-0.0001384	-0.0010776	-0.0007139	-6.47E-05	-5.04E-04	-3.34E-04	-1.28E-04	-9.95E-04	-6.59E-04
2528	474044.83, 3848432.25	1.07305	8.49169	5.6006	-0.0001317	-0.0010421	-0.0006873	-6.16E-05	-4.87E-04	-3.21E-04	-1.22E-04	-9.62E-04	-6.34E-04
2529	474044.83, 3848457.25	1.022	8.23067	5.37765	-0.0001254	-0.0010101	-0.0006599	-5.86E-05	-4.72E-04	-3.08E-04	-1.16E-04	-9.32E-04	-6.09E-04
2530	474044.83, 3848482.25	0.97601	7.9978	5.16102	-0.0001198	-0.0009815	-0.0006334	-5.60E-05	-4.59E-04	-2.96E-04	-1.11E-04	-9.06E-04	-5.85E-04
2531	474069.83, 3848057.25	5.28811	27.24773	19.69642	-0.0006489	-0.0033438	-0.0024171	-3.03E-04	-1.56E-03	-1.13E-03	-5.99E-04	-3.09E-03	-2.23E-03
2532	474069.83, 3848082.25	4.1174	23.16458	16.24369	-0.0005053	-0.0028427	-0.0019934	-2.36E-04	-1.33E-03	-9.32E-04	-4.66E-04	-2.62E-03	-1.84E-03
2533	474069.83, 3848107.25	3.34563	19.99413	14.04409	-0.0004106	-0.0024536	-0.0017235	-1.92E-04	-1.15E-03	-8.06E-04	-3.79E-04	-2.26E-03	-1.59E-03
2534	474069.83, 3848132.25	2.85253	17.79158	12.47497	-0.0003501	-0.0021834	-0.0015309	-1.64E-04	-1.02E-03	-7.16E-04	-3.23E-04	-2.02E-03	-1.41E-03
2535	474069.83, 3848157.25	2.49804	16.07739	11.2199	-0.0003066	-0.001973	-0.0013769	-1.43E-04	-9.22E-04	-6.44E-04	-2.83E-04	-1.82E-03	-1.27E-03
2536	474069.83, 3848182.25	2.2244	14.73036	10.22247	-0.000273	-0.0018077	-0.0012545	-1.28E-04	-8.45E-04	-5.86E-04	-2.52E-04	-1.67E-03	-1.16E-03
2537	474069.83, 3848207.25	2.00374	13.59598	9.36383	-0.0002459	-0.0016685	-0.0011491	-1.15E-04	-7.80E-04	-5.37E-04	-2.27E-04	-1.54E-03	-1.06E-03

2538	474069.83, 3848232.25	1.8304	12.66763	8.67016	-0.0002246	-0.0015546	-0.001064	-1.05E-04	-7.27E-04	-4.97E-04	-2.07E-04	-1.43E-03	-9.82E-04
2539	474069.83, 3848257.25	1.68893	11.92533	8.10215	-0.0002073	-0.0014635	-0.0009943	-9.69E-05	-6.84E-04	-4.65E-04	-1.91E-04	-1.35E-03	-9.18E-04
2540	474069.83, 3848282.25	1.57535	11.33287	7.63761	-0.0001933	-0.0013908	-0.0009373	-9.04E-05	-6.50E-04	-4.38E-04	-1.78E-04	-1.28E-03	-8.65E-04
2541	474069.83, 3848307.25	1.47798	10.80288	7.20767	-0.0001814	-0.0013257	-0.0008845	-8.48E-05	-6.20E-04	-4.13E-04	-1.67E-04	-1.22E-03	-8.16E-04
2542	474069.83, 3848332.25	1.38702	10.28177	6.79955	-0.0001702	-0.0012618	-0.0008344	-7.96E-05	-5.90E-04	-3.90E-04	-1.57E-04	-1.16E-03	-7.70E-04
2543	474069.83, 3848357.25	1.30726	9.82539	6.47427	-0.0001604	-0.0012058	-0.0007945	-7.50E-05	-5.64E-04	-3.71E-04	-1.48E-04	-1.11E-03	-7.33E-04
2544	474069.83, 3848382.25	1.23926	9.42932	6.2398	-0.0001521	-0.0011572	-0.0007657	-7.11E-05	-5.41E-04	-3.58E-04	-1.40E-04	-1.07E-03	-7.07E-04
2545	474069.83, 3848407.25	1.17651	9.05317	6.00772	-0.0001444	-0.001111	-0.0007373	-6.75E-05	-5.19E-04	-3.45E-04	-1.33E-04	-1.03E-03	-6.81E-04
2546	474069.83, 3848432.25	1.11707	8.73708	5.77229	-0.0001371	-0.0010722	-0.0007084	-6.41E-05	-5.01E-04	-3.31E-04	-1.27E-04	-9.90E-04	-6.54E-04
2547	474069.83, 3848457.25	1.06191	8.44724	5.54853	-0.0001303	-0.0010366	-0.0006809	-6.09E-05	-4.85E-04	-3.18E-04	-1.20E-04	-9.57E-04	-6.29E-04
2548	474069.83, 3848482.25	1.01517	8.22345	5.34989	-0.0001246	-0.0010092	-0.0006565	-5.82E-05	-4.72E-04	-3.07E-04	-1.15E-04	-9.32E-04	-6.06E-04
2549	474094.83, 3848082.25	4.98181	26.44606	18.8039	-0.0006114	-0.0032454	-0.0023076	-2.86E-04	-1.52E-03	-1.08E-03	-5.64E-04	-3.00E-03	-2.13E-03
2550	474094.83, 3848107.25	3.9295	22.53935	15.75081	-0.0004822	-0.002766	-0.0019329	-2.25E-04	-1.29E-03	-9.03E-04	-4.45E-04	-2.55E-03	-1.78E-03
2551	474094.83, 3848132.25	3.24278	19.63685	13.73922	-0.0003979	-0.0024098	-0.0016861	-1.86E-04	-1.13E-03	-7.88E-04	-3.67E-04	-2.22E-03	-1.56E-03
2552	474094.83, 3848157.25	2.77135	17.45629	12.18987	-0.0003401	-0.0021422	-0.0014959	-1.59E-04	-1.00E-03	-6.99E-04	-3.14E-04	-1.98E-03	-1.38E-03
2553	474094.83, 3848182.25	2.43093	15.76682	10.98998	-0.0002983	-0.0019349	-0.0013487	-1.39E-04	-9.04E-04	-6.30E-04	-2.75E-04	-1.79E-03	-1.24E-03
2554	474094.83, 3848207.25	2.17429	14.49857	10.03454	-0.0002668	-0.0017792	-0.0012314	-1.25E-04	-8.32E-04	-5.76E-04	-2.46E-04	-1.64E-03	-1.14E-03
2555	474094.83, 3848232.25	1.96717	13.41846	9.22936	-0.0002414	-0.0016467	-0.0011326	-1.13E-04	-7.70E-04	-5.29E-04	-2.23E-04	-1.52E-03	-1.05E-03
2556	474094.83, 3848257.25	1.80555	12.54417	8.57528	-0.0002216	-0.0015394	-0.0010523	-1.04E-04	-7.20E-04	-4.92E-04	-2.05E-04	-1.42E-03	-9.71E-04
2557	474094.83, 3848282.25	1.67552	11.8819	8.06243	-0.0002056	-0.0014581	-0.0009894	-9.61E-05	-6.82E-04	-4.62E-04	-1.90E-04	-1.35E-03	-9.13E-04
2558	474094.83, 3848307.25	1.56509	11.29857	7.60634	-0.0001921	-0.0013865	-0.0009334	-8.98E-05	-6.48E-04	-4.36E-04	-1.77E-04	-1.28E-03	-8.62E-04
2559	474094.83, 3848332.25	1.46483	10.73731	7.13062	-0.0001798	-0.0013177	-0.0008751	-8.40E-05	-6.16E-04	-4.09E-04	-1.66E-04	-1.22E-03	-8.08E-04
2560	474094.83, 3848357.25	1.37457	10.21223	6.74569	-0.0001687	-0.0012532	-0.0008278	-7.88E-05	-5.86E-04	-3.87E-04	-1.56E-04	-1.16E-03	-7.64E-04
2561	474094.83, 3848382.25	1.30067	9.79199	6.46087	-0.0001596	-0.0012017	-0.0007929	-7.46E-05	-5.62E-04	-3.71E-04	-1.47E-04	-1.11E-03	-7.32E-04
2562	474094.83, 3848407.25	1.2328	9.39336	6.23008	-0.0001513	-0.0011527	-0.0007645	-7.07E-05	-5.39E-04	-3.57E-04	-1.40E-04	-1.06E-03	-7.06E-04
2563	474094.83, 3848432.25	1.16702	9.0165	5.96983	-0.0001432	-0.0011065	-0.0007326	-6.69E-05	-5.17E-04	-3.42E-04	-1.32E-04	-1.02E-03	-6.76E-04
2564	474094.83, 3848457.25	1.10577	8.69056	5.72429	-0.0001357	-0.0010665	-0.0007025	-6.34E-05	-4.98E-04	-3.28E-04	-1.25E-04	-9.84E-04	-6.48E-04
2565	474094.83, 3848482.25	1.05803	8.46425	5.53219	-0.0001298	-0.0010387	-0.0006789	-6.07E-05	-4.86E-04	-3.17E-04	-1.20E-04	-9.59E-04	-6.27E-04
2566	474094.83, 3848507.25	1.0101	8.23782	5.30703	-0.000124	-0.0010109	-0.0006513	-5.79E-05	-4.73E-04	-3.04E-04	-1.14E-04	-9.33E-04	-6.01E-04
2567	474119.83, 3848107.25	4.83426	26.24552	18.55221	-0.0005933	-0.0032208	-0.0022767	-2.77E-04	-1.51E-03	-1.06E-03	-5.48E-04	-2.97E-03	-2.10E-03
2568	474119.83, 3848132.25	3.77131	21.95362	15.29414	-0.0004628	-0.0026941	-0.0018769	-2.16E-04	-1.26E-03	-8.77E-04	-4.27E-04	-2.49E-03	-1.73E-03
2569	474119.83, 3848157.25	3.12613	19.13916	13.34789	-0.0003836	-0.0023487	-0.001638	-1.79E-04	-1.10E-03	-7.66E-04	-3.54E-04	-2.17E-03	-1.51E-03
2570	474119.83, 3848182.25	2.69861	17.12174	11.93367	-0.0003312	-0.0021012	-0.0014645	-1.55E-04	-9.82E-04	-6.85E-04	-3.06E-04	-1.94E-03	-1.35E-03
2571	474119.83, 3848207.25	2.37823	15.53526	10.80379	-0.0002919	-0.0019065	-0.0013258	-1.36E-04	-8.91E-04	-6.20E-04	-2.69E-04	-1.76E-03	-1.22E-03
2572	474119.83, 3848232.25	2.13648	14.32465	9.89868	-0.0002622	-0.0017579	-0.0012147	-1.23E-04	-8.22E-04	-5.68E-04	-2.42E-04	-1.62E-03	-1.12E-03
2573	474119.83, 3848257.25	1.94424	13.31482	9.1525	-0.0002386	-0.001634	-0.0011232	-1.12E-04	-7.64E-04	-5.25E-04	-2.20E-04	-1.51E-03	-1.04E-03
2574	474119.83, 3848282.25	1.78838	12.47754	8.5298	-0.0002195	-0.0015312	-0.0010468	-1.03E-04	-7.16E-04	-4.89E-04	-2.03E-04	-1.41E-03	-9.66E-04
2575	474119.83, 3848307.25	1.6582	11.80568	8.00132	-0.0002035	-0.0014488	-0.0009819	-9.51E-05	-6.77E-04	-4.59E-04	-1.88E-04	-1.34E-03	-9.06E-04
2576	474119.83, 3848332.25	1.54693	11.20376	7.51905	-0.0001898	-0.0013749	-0.0009227	-8.87E-05	-6.43E-04	-4.31E-04	-1.75E-04	-1.27E-03	-8.52E-04
2577	474119.83, 3848357.25	1.45213	10.67076	7.08231	-0.0001782	-0.0013095	-0.0008691	-8.33E-05	-6.12E-04	-4.06E-04	-1.64E-04	-1.21E-03	-8.02E-04
2578	474119.83, 3848382.25	1.36764	10.17888	6.71708	-0.0001678	-0.0012491	-0.0008243	-7.84E-05	-5.84E-04	-3.85E-04	-1.55E-04	-1.15E-03	-7.61E-04
2579	474119.83, 3848407.25	1.29412	9.75692	6.45961	-0.0001588	-0.0011974	-0.0007927	-7.42E-05	-5.60E-04	-3.71E-04	-1.47E-04	-1.11E-03	-7.32E-04
2580	474119.83, 3848432.25	1.22224	9.32578	6.18826	-0.00015	-0.0011444	-0.0007594	-7.01E-05	-5.35E-04	-3.55E-04	-1.38E-04	-1.06E-03	-7.01E-04
2581	474119.83, 3848457.25	1.15339	8.95269	5.91034	-0.0001415	-0.0010987	-0.0007253	-6.62E-05	-5.14E-04	-3.39E-04	-1.31E-04	-1.01E-03	-6.70E-04
2582	474119.83, 3848482.25	1.10157	8.70195	5.71443	-0.0001352	-0.0010679	-0.0007013	-6.32E-05	-4.99E-04	-3.28E-04	-1.25E-04	-9.86E-04	-6.47E-04
2583	474119.83, 3848507.25	1.05043	8.45983	5.5003	-0.0001289	-0.0010382	-0.000675	-6.03E-05	-4.85E-04	-3.15E-04	-1.19E-04	-9.58E-04	-6.23E-04
2584	474119.83, 3848532.25	1.00576	8.26131	5.27773	-0.0001234	-0.0010138	-0.0006477	-5.77E-05	-4.74E-04	-3.03E-04	-1.14E-04	-9.36E-04	-5.98E-04
2585	474144.83, 3848107.25	6.11453	30.83984	22.24336	-0.0007504	-0.0037846	-0.0027297	-3.51E-04	-1.77E-03	-1.28E-03	-6.93E-04	-3.49E-03	-2.52E-03
2586	474144.83, 3848132.25	4.51579	24.93028	17.45693	-0.0005542	-0.0030594	-0.0021423	-2.59E-04	-1.43E-03	-1.00E-03	-5.12E-04	-2.82E-03	-1.98E-03
2587	474144.83, 3848157.25	3.61433	21.30938	14.82984	-0.0004435	-0.0026151	-0.0018199	-2.07E-04	-1.22E-03	-8.51E-04	-4.09E-04	-2.41E-03	-1.68E-03
2588	474144.83, 3848182.25	3.03037	18.70993	13.04012	-0.0003719	-0.0022961	-0.0016003	-1.74E-04	-1.07E-03	-7.48E-04	-3.43E-04	-2.12E-03	-1.48E-03
2589	474144.83, 3848207.25	2.6127	16.6834	11.6459	-0.0003206	-0.0020474	-0.0014292	-1.50E-04	-9.57E-04	-6.68E-04	-2.96E-04	-1.89E-03	-1.32E-03
2590	474144.83, 3848232.25	2.33557	15.3485	10.65777	-0.0002866	-0.0018835	-0.0013079	-1.34E-04	-8.80E-04	-6.11E-04	-2.65E-04	-1.74E-03	-1.21E-03
2591	474144.83, 3848257.25	2.1086	14.2004	9.80663	-0.0002588	-0.0017426	-0.0012035	-1.21E-04	-8.15E-04	-5.63E-04	-2.39E-04	-1.61E-03	-1.11E-03
2592	474144.83, 3848282.25	1.92118	13.19996	9.06877	-0.0002358	-0.0016199	-0.0011129	-1.10E-04	-7.57E-04	-5.20E-04	-2.18E-04	-1.50E-03	-1.03E-03
2593	474144.83, 3848307.25	1.76702	12.38367	8.46213	-0.0002168	-0.0015197	-0.0010385	-1.01E-04	-7.10E-04	-4.85E-04	-2.00E-04	-1.40E-03	-9.59E-04
2594	474144.83, 3848332.25	1.64065	11.72271	7.94073	-0.0002013	-0.0014386	-0.0009745	-9.41E-05	-6.72E-04	-4.55E-04	-1.86E-04	-1.33E-03	-9.00E-04
2595	474144.83, 3848357.25	1.53692	11.16158	7.45733	-0.0001886	-0.0013697	-0.0009152	-8.82E-05	-6.40E-04	-4.28E-04	-1.74E-04	-1.26E-03	-8.45E-04
2596	474144.83, 3848382.25	1.4422	10.62038	7.04681	-0.000177	-0.0013033	-0.0008648	-8.27E-05	-6.09E-04	-4.04E-04	-1.63E-04	-1.20E-03	-7.98E-04
2597	474144.83, 3848407.25	1.35912	10.13187	6.69092	-0.0001668	-0.0012434	-0.0008211	-7.80E-05	-5.81E-04	-3.84E-04	-1.54E-04	-1.15E-03	-7.58E-04
2598	474144.83, 3848432.25	1.27946	9.66093	6.41028	-0.000157	-0.0011856	-0.0007867	-7.34E-05	-5.54E-04	-3.68E-04	-1.45E-04	-1.09E-03	-7.26E-04
2599	474144.83, 3848457.25	1.20504	9.23359	6.11126	-0.0001479	-0.0011331	-0.00075	-6.91E-05	-5.30E-04	-3.51E-04	-1.37E-04	-1.05E-03	-6.92E-04
2600	474144.83, 3848482.25	1.14704	8.94734	5.88847	-0.0001408	-0.001098	-0.0007226	-6.58E-05	-5.13E-04	-3.38E-04	-1.30E-04	-1.01E-03	-6.67E-04
2601	474144.83, 3848507.25	1.09188	8.68188	5.67298	-0.000134	-0.0010654	-0.0006962	-6.26E-05	-4.98E-04	-3.25E-04	-1.24E-04	-9.83E-04	-6.43E-04
2602	474144.83, 3848532.25	1.04473	8.47448	5.4507	-0.0001282	-0.00104	-0.0006689	-5.99E-05	-4.86E-04	-3.13E-04	-1.18E-04	-9.60E-04	-6.17E-04
2603	474144.83, 3848557.25	1.0017	8.29059	5.281	-0.0001229	-0.0010174	-0.0006481	-5.75E-05	-4.76E-04	-3.03E-04	-1.13E-04	-9.39E-04	-5.98E-04
2604	474169.83, 3848132.25	5.79106	29.90579	21.21596	-0.0007107	-0.00367	-0.0026036	-3.32E-04	-1.72E-03	-1.22E-03	-6.56E-04	-3.39E-03	-2.40E-03
2605	474169.83, 3848157.25	4.38611	24.61555	17.14088	-0.0005383	-0.0030208	-0.0021035	-2.52E-04	-1.41E-03	-9.83E-04	-4.97E-04	-2.79E-03	-1.94E-03
2606	474169.83, 3848182.25	3.51355	20.92788	14.55983	-0.0004312	-0.0025682	-0.0017868	-2.02E-04	-1.20E-03	-8.35E-04	-3.98E-04	-2.37E-03	-1.65E-03
2607	474169.83, 3848207.25	2.96249	18.42123	12.83756	-0.0003636	-0.0022606	-0.0015754	-1.70E-04	-1.06E-03	-7.36E-04	-3.36E-04	-2.09E-03	-1.45E-03
2608	474169.83, 3848232.25	2.55651	16.42447	11.45966	-0.0003137	-0.0020156	-0.0014063	-1.47E-04	-9.42E-04	-6.57E-04	-2.90E-04	-1.86E-03	-1.30E-03
2609	474169.83, 3848257.25	2.31563	15.29369	10.60407	-0.0002842	-0.0018768	-0.0013013	-1.33E-04	-8.77E-04	-6.08E-04	-2.62E-04	-1.73E-03	-1.20E-03
2610	474169.83, 3848282.25	2.0956	14.16525	9.78344	-0.0002572	-0.0017383	-0.0012006	-1.20E-04	-8.13E-04	-5.61E-04	-2.37E-04	-1.60E-03	-1.11E-03
2611	474169.83, 3848307.25	1.90013	13.09134	9.00783	-0.0002332	-0.0016065	-0.0011054	-1.09E-04	-7.51E-04	-5.17E-04	-2.15E-04	-1.48E-03	-1.02E-03
2612	474169.83, 3848332.25	1.74968	12.3109	8.40642	-0.0002147	-0.0015108	-0.0010316	-1.00E-04	-7.06E-04	-4.82E-04	-1.98E-04	-1.39E-03	-9.52E-04
2613	474169.83, 3848357.25	1.63074	11.68708	7.89295	-0.0002001	-0.0014342	-0.0009686	-9.35E-05	-6.70E-04	-4.53E-04	-1.85E-04	-1.32E-03	-8.94E-04
2614	474169.83, 3848382.25	1.52075	11.07147	7.38868	-0.0001866	-0.0013587	-0.0009067	-8.72E-05	-6.35E-04	-4.24E-04	-1.72E-04	-1.25E-03	-8.37E-04
2615	474169.83, 3848407.25	1.42965	10.54726	6.998	-0.0001754	-0.0012943	-0.0008588	-8.20E-05	-6.05E-04	-4.01E-04	-1.62E-04	-1.19E-03	-7.93E-04
2616	474169.83, 3848432.25	1.3443	10.03782	6.65215	-0.000165	-0.0012318	-0.0008163	-7.71E-05	-5.76E-04	-3.82E-04	-1.52E-04	-1.14E-03	-7.54E-04
2617	474169.83, 3848457.25	1.26271	9.55038	6.3382	-0.000155	-0.001172	-0.0007778	-7.24E-05	-5.48E-04	-3.64E-04	-1.43E-04	-1.08E-03	-7.18E-04
2618	474169.83, 3848482.25	1.19595	9.20815	6.07511	-0.0001468	-0.00113	-0.0007455	-6.86E-05	-5.28E-04	-3.48E-04	-1.35E-04	-1.04E-03	-6.88E-04
2619	474169.83, 3848507.25	1.14167	8.95577	5.87326	-0.0001401	-0.001099	-0.0007208	-6.55E-05	-5.14E-04	-3.37E-04	-1.29E-04	-1.01E-03	-6.65E-04

2620	474169.83, 3848532.25	1.08869	8.71669	5.65955	-0.0001336	-0.0010697	-0.0006945	-6.24E-05	-5.00E-04	-3.25E-04	-1.23E-04	-9.87E-04	-6.41E-04
2621	474169.83, 3848557.25	1.04105	8.50902	5.44948	-0.0001278	-0.0010442	-0.0006688	-5.97E-05	-4.88E-04	-3.13E-04	-1.18E-04	-9.64E-04	-6.17E-04
2622	474169.83, 3848582.25	0.9978	8.32374	5.28445	-0.0001224	-0.0010215	-0.0006485	-5.72E-05	-4.77E-04	-3.03E-04	-1.13E-04	-9.43E-04	-5.99E-04
2623	474194.83, 3848157.25	5.55233	29.24466	20.68157	-0.0006814	-0.0035889	-0.002538	-3.18E-04	-1.68E-03	-1.19E-03	-6.29E-04	-3.31E-03	-2.34E-03
2624	474194.83, 3848182.25	4.40785	25.18586	17.52568	-0.0005409	-0.0030908	-0.0021507	-2.53E-04	-1.44E-03	-1.01E-03	-4.99E-04	-2.85E-03	-1.99E-03
2625	474194.83, 3848207.25	3.6235	21.85073	15.19667	-0.0004447	-0.0026815	-0.0018649	-2.08E-04	-1.25E-03	-8.72E-04	-4.10E-04	-2.48E-03	-1.72E-03
2626	474194.83, 3848232.25	2.93392	18.35426	12.78747	-0.00036	-0.0022524	-0.0015693	-1.68E-04	-1.05E-03	-7.33E-04	-3.32E-04	-2.08E-03	-1.45E-03
2627	474194.83, 3848257.25	2.57377	16.62434	11.56165	-0.0003158	-0.0020401	-0.0014188	-1.48E-04	-9.54E-04	-6.63E-04	-2.92E-04	-1.88E-03	-1.31E-03
2628	474194.83, 3848282.25	2.29807	15.25145	10.5658	-0.000282	-0.0018716	-0.0012966	-1.32E-04	-8.75E-04	-6.06E-04	-2.60E-04	-1.73E-03	-1.20E-03
2629	474194.83, 3848307.25	2.06948	14.03916	9.68935	-0.000254	-0.0017229	-0.0011891	-1.19E-04	-8.05E-04	-5.56E-04	-2.34E-04	-1.59E-03	-1.10E-03
2630	474194.83, 3848332.25	1.8815	13.00643	8.95608	-0.0002309	-0.0015961	-0.0010991	-1.08E-04	-7.46E-04	-5.14E-04	-2.13E-04	-1.47E-03	-1.01E-03
2631	474194.83, 3848357.25	1.73896	12.27714	8.37944	-0.0002134	-0.0015066	-0.0010283	-9.97E-05	-7.04E-04	-4.81E-04	-1.97E-04	-1.39E-03	-9.49E-04
2632	474194.83, 3848382.25	1.61333	11.59527	7.80677	-0.000198	-0.001423	-0.000958	-9.25E-05	-6.65E-04	-4.48E-04	-1.83E-04	-1.31E-03	-8.84E-04
2633	474194.83, 3848407.25	1.50969	11.01364	7.34196	-0.0001853	-0.0013516	-0.000901	-8.66E-05	-6.32E-04	-4.21E-04	-1.71E-04	-1.25E-03	-8.32E-04
2634	474194.83, 3848432.25	1.41992	10.49193	6.96122	-0.0001743	-0.0012876	-0.0008543	-8.14E-05	-6.02E-04	-3.99E-04	-1.61E-04	-1.19E-03	-7.89E-04
2635	474194.83, 3848457.25	1.33617	9.99199	6.64594	-0.000164	-0.0012262	-0.0008156	-7.66E-05	-5.73E-04	-3.81E-04	-1.51E-04	-1.13E-03	-7.53E-04
2636	474194.83, 3848482.25	1.25294	9.5178	6.30237	-0.0001538	-0.001168	-0.0007734	-7.19E-05	-5.46E-04	-3.62E-04	-1.42E-04	-1.08E-03	-7.14E-04
2637	474194.83, 3848507.25	1.18927	9.20492	6.05554	-0.0001459	-0.0011296	-0.0007431	-6.82E-05	-5.28E-04	-3.47E-04	-1.35E-04	-1.04E-03	-6.86E-04
2638	474194.83, 3848532.25	1.13703	8.97948	5.86425	-0.0001395	-0.0011019	-0.0007197	-6.52E-05	-5.15E-04	-3.36E-04	-1.29E-04	-1.02E-03	-6.64E-04
2639	474194.83, 3848557.25	1.08656	8.76441	5.64707	-0.0001333	-0.0010756	-0.000693	-6.23E-05	-5.03E-04	-3.24E-04	-1.23E-04	-9.93E-04	-6.40E-04
2640	474194.83, 3848582.25	1.03745	8.54704	5.45239	-0.0001273	-0.0010489	-0.0006691	-5.95E-05	-4.90E-04	-3.13E-04	-1.18E-04	-9.68E-04	-6.18E-04
2641	474219.83, 3848182.25	5.24533	28.08246	19.83575	-0.0006437	-0.0034462	-0.0024342	-3.01E-04	-1.61E-03	-1.14E-03	-5.94E-04	-3.18E-03	-2.25E-03
2642	474219.83, 3848207.25	4.05084	23.3557	16.24226	-0.0004971	-0.0028662	-0.0019932	-2.32E-04	-1.34E-03	-9.32E-04	-4.59E-04	-2.65E-03	-1.84E-03
2643	474219.83, 3848232.25	3.36493	20.42229	14.199	-0.0004129	-0.0025062	-0.0017425	-1.93E-04	-1.17E-03	-8.14E-04	-3.81E-04	-2.31E-03	-1.61E-03
2644	474219.83, 3848257.25	2.87223	18.08065	12.59739	-0.0003525	-0.0022188	-0.0015459	-1.65E-04	-1.04E-03	-7.23E-04	-3.25E-04	-2.05E-03	-1.43E-03
2645	474219.83, 3848282.25	2.53246	16.45833	11.4278	-0.0003108	-0.0020197	-0.0014024	-1.45E-04	-9.44E-04	-6.55E-04	-2.87E-04	-1.86E-03	-1.29E-03
2646	474219.83, 3848307.25	2.26751	15.11671	10.46674	-0.0002783	-0.0018551	-0.0012845	-1.30E-04	-8.67E-04	-6.00E-04	-2.57E-04	-1.71E-03	-1.19E-03
2647	474219.83, 3848332.25	2.04189	13.89647	9.59855	-0.0002506	-0.0017054	-0.0011779	-1.17E-04	-7.97E-04	-5.51E-04	-2.31E-04	-1.57E-03	-1.09E-03
2648	474219.83, 3848357.25	1.87203	12.99103	8.94092	-0.0002297	-0.0015942	-0.0010972	-1.07E-04	-7.45E-04	-5.13E-04	-2.12E-04	-1.47E-03	-1.01E-03
2649	474219.83, 3848382.25	1.72331	12.20604	8.30973	-0.0002115	-0.0014979	-0.0010198	-9.88E-05	-7.00E-04	-4.77E-04	-1.95E-04	-1.38E-03	-9.41E-04
2650	474219.83, 3848407.25	1.60292	11.54802	7.75605	-0.0001967	-0.0014172	-0.0009518	-9.19E-05	-6.62E-04	-4.45E-04	-1.82E-04	-1.31E-03	-8.79E-04
2651	474219.83, 3848432.25	1.49915	10.95682	7.30196	-0.000184	-0.0013446	-0.0008961	-8.60E-05	-6.28E-04	-4.19E-04	-1.70E-04	-1.24E-03	-8.27E-04
2652	474219.83, 3848457.25	1.40293	10.38194	6.90506	-0.0001722	-0.0012741	-0.0008474	-8.05E-05	-5.96E-04	-3.96E-04	-1.59E-04	-1.18E-03	-7.82E-04
2653	474219.83, 3848482.25	1.31105	9.82682	6.53442	-0.0001609	-0.0012059	-0.0008019	-7.52E-05	-5.64E-04	-3.75E-04	-1.49E-04	-1.11E-03	-7.40E-04
2654	474219.83, 3848507.25	1.24248	9.48804	6.26472	-0.0001525	-0.0011644	-0.0007688	-7.13E-05	-5.44E-04	-3.59E-04	-1.41E-04	-1.07E-03	-7.10E-04
2655	474219.83, 3848532.25	1.18333	9.21301	6.04389	-0.0001452	-0.0011306	-0.0007417	-6.79E-05	-5.28E-04	-3.47E-04	-1.34E-04	-1.04E-03	-6.85E-04
2656	474219.83, 3848557.25	1.13051	8.99411	5.8368	-0.0001387	-0.0011037	-0.0007163	-6.48E-05	-5.16E-04	-3.35E-04	-1.28E-04	-1.02E-03	-6.61E-04
2657	474219.83, 3848582.25	1.08294	8.8044	5.65171	-0.0001329	-0.0010805	-0.0006936	-6.21E-05	-5.05E-04	-3.24E-04	-1.23E-04	-9.97E-04	-6.40E-04
2658	474219.83, 3848607.25	1.0405	8.64363	5.5066	-0.0001277	-0.0010607	-0.0006758	-5.97E-05	-4.96E-04	-3.16E-04	-1.18E-04	-9.79E-04	-6.24E-04
2659	474244.83, 3848207.25	5.11811	27.91978	19.76145	-0.0006281	-0.0034263	-0.0024251	-2.94E-04	-1.60E-03	-1.13E-03	-5.80E-04	-3.16E-03	-2.24E-03
2660	474244.83, 3848232.25	3.97574	23.18839	16.17222	-0.0004879	-0.0028456	-0.0019846	-2.28E-04	-1.33E-03	-9.28E-04	-4.50E-04	-2.63E-03	-1.83E-03
2661	474244.83, 3848257.25	3.29603	20.15697	14.02669	-0.0004045	-0.0024736	-0.0017213	-1.89E-04	-1.16E-03	-8.05E-04	-3.73E-04	-2.28E-03	-1.59E-03
2662	474244.83, 3848282.25	2.8494	18.0669	12.56456	-0.0003497	-0.0022171	-0.0015419	-1.63E-04	-1.04E-03	-7.21E-04	-3.23E-04	-2.05E-03	-1.42E-03
2663	474244.83, 3848307.25	2.51708	16.44756	11.40419	-0.0003089	-0.0020184	-0.0013995	-1.44E-04	-9.43E-04	-6.54E-04	-2.85E-04	-1.86E-03	-1.29E-03
2664	474244.83, 3848332.25	2.244	15.01911	10.39327	-0.0002754	-0.0018431	-0.0012754	-1.29E-04	-8.61E-04	-5.96E-04	-2.54E-04	-1.70E-03	-1.18E-03
2665	474244.83, 3848357.25	2.02036	13.78737	9.53664	-0.0002479	-0.001692	-0.0011703	-1.16E-04	-7.91E-04	-5.47E-04	-2.29E-04	-1.56E-03	-1.08E-03
2666	474244.83, 3848382.25	1.83993	12.82163	8.81765	-0.0002258	-0.0015734	-0.0010821	-1.06E-04	-7.35E-04	-5.06E-04	-2.08E-04	-1.45E-03	-9.99E-04
2667	474244.83, 3848407.25	1.70049	12.08176	8.19776	-0.0002087	-0.0014827	-0.001006	-9.75E-05	-6.93E-04	-4.70E-04	-1.93E-04	-1.37E-03	-9.29E-04
2668	474244.83, 3848432.25	1.58328	11.43299	7.66424	-0.0001943	-0.001403	-0.0009405	-9.08E-05	-6.56E-04	-4.40E-04	-1.79E-04	-1.30E-03	-8.68E-04
2669	474244.83, 3848457.25	1.47795	10.82166	7.21149	-0.0001814	-0.001328	-0.000885	-8.48E-05	-6.21E-04	-4.14E-04	-1.67E-04	-1.23E-03	-8.17E-04
2670	474244.83, 3848482.25	1.38326	10.25161	6.84394	-0.0001698	-0.0012581	-0.0008399	-7.93E-05	-5.88E-04	-3.93E-04	-1.57E-04	-1.16E-03	-7.75E-04
2671	474244.83, 3848507.25	1.30331	9.81541	6.50607	-0.0001599	-0.0012045	-0.0007984	-7.48E-05	-5.63E-04	-3.73E-04	-1.48E-04	-1.11E-03	-7.37E-04
2672	474244.83, 3848532.25	1.23585	9.48989	6.24829	-0.0001517	-0.0011646	-0.0007668	-7.09E-05	-5.44E-04	-3.58E-04	-1.40E-04	-1.08E-03	-7.08E-04
2673	474244.83, 3848557.25	1.17776	9.23541	6.03777	-0.0001445	-0.0011334	-0.0007409	-6.76E-05	-5.30E-04	-3.46E-04	-1.33E-04	-1.05E-03	-6.84E-04
2674	474244.83, 3848582.25	1.12502	9.02163	5.81687	-0.0001381	-0.0011071	-0.0007138	-6.45E-05	-5.17E-04	-3.34E-04	-1.27E-04	-1.02E-03	-6.59E-04
2675	474244.83, 3848607.25	1.07458	8.80935	5.62921	-0.0001319	-0.0010811	-0.0006908	-6.16E-05	-5.05E-04	-3.23E-04	-1.22E-04	-9.98E-04	-6.38E-04
2676	474244.83, 3848632.25	1.03464	8.66903	5.49574	-0.000127	-0.0010638	-0.0006744	-5.93E-05	-4.97E-04	-3.15E-04	-1.17E-04	-9.82E-04	-6.23E-04
2677	474269.83, 3848232.25	4.81415	26.56619	18.75893	-0.0005908	-0.0032602	-0.0023021	-2.76E-04	-1.52E-03	-1.08E-03	-5.45E-04	-3.01E-03	-2.12E-03
2678	474269.83, 3848257.25	3.9837	23.51514	16.41688	-0.0004889	-0.0028857	-0.0020147	-2.29E-04	-1.35E-03	-9.42E-04	-4.51E-04	-2.66E-03	-1.86E-03
2679	474269.83, 3848282.25	3.2883	20.2491	14.12114	-0.0004035	-0.0024849	-0.0017329	-1.89E-04	-1.16E-03	-8.10E-04	-3.72E-04	-2.29E-03	-1.60E-03
2680	474269.83, 3848307.25	2.80358	17.88677	12.42652	-0.0003441	-0.002195	-0.001525	-1.61E-04	-1.03E-03	-7.13E-04	-3.18E-04	-2.03E-03	-1.41E-03
2681	474269.83, 3848332.25	2.48971	16.34867	11.33041	-0.0003055	-0.0020063	-0.0013904	-1.43E-04	-9.38E-04	-6.50E-04	-2.82E-04	-1.85E-03	-1.28E-03
2682	474269.83, 3848357.25	2.20289	14.79448	10.2449	-0.0002703	-0.0018156	-0.0012572	-1.26E-04	-8.49E-04	-5.88E-04	-2.50E-04	-1.68E-03	-1.16E-03
2683	474269.83, 3848382.25	1.98334	13.56765	9.39973	-0.0002434	-0.001665	-0.0011535	-1.14E-04	-7.78E-04	-5.39E-04	-2.25E-04	-1.54E-03	-1.06E-03
2684	474269.83, 3848407.25	1.81547	12.6967	8.71453	-0.0002228	-0.0015581	-0.0010694	-1.04E-04	-7.28E-04	-5.00E-04	-2.06E-04	-1.44E-03	-9.87E-04
2685	474269.83, 3848432.25	1.68107	11.97586	8.10482	-0.0002063	-0.0014697	-0.0009946	-9.64E-05	-6.87E-04	-4.65E-04	-1.90E-04	-1.36E-03	-9.18E-04
2686	474269.83, 3848457.25	1.56796	11.34467	7.59166	-0.0001924	-0.0013922	-0.0009316	-8.99E-05	-6.51E-04	-4.35E-04	-1.78E-04	-1.29E-03	-8.60E-04
2687	474269.83, 3848482.25	1.46778	10.7627	7.1868	-0.0001801	-0.0013208	-0.000882	-8.42E-05	-6.17E-04	-4.12E-04	-1.66E-04	-1.22E-03	-8.14E-04
2688	474269.83, 3848507.25	1.37486	10.20572	6.82795	-0.0001687	-0.0012524	-0.0008379	-7.89E-05	-5.85E-04	-3.92E-04	-1.56E-04	-1.16E-03	-7.73E-04
2689	474269.83, 3848532.25	1.29574	9.8108	6.48162	-0.000159	-0.001204	-0.0007954	-7.43E-05	-5.63E-04	-3.72E-04	-1.47E-04	-1.11E-03	-7.34E-04
2690	474269.83, 3848557.25	1.23029	9.50435	6.24058	-0.000151	-0.0011664	-0.0007658	-7.06E-05	-5.45E-04	-3.58E-04	-1.39E-04	-1.08E-03	-7.07E-04
2691	474269.83, 3848582.25	1.17407	9.27845	6.02451	-0.0001441	-0.0011386	-0.0007393	-6.73E-05	-5.32E-04	-3.46E-04	-1.33E-04	-1.05E-03	-6.82E-04
2692	474269.83, 3848607.25	1.1203	9.05956	5.81871	-0.0001375	-0.0011118	-0.0007141	-6.43E-05	-5.20E-04	-3.34E-04	-1.27E-04	-1.03E-03	-6.59E-04
2693	474269.83, 3848632.25	1.0709	8.85704	5.65805	-0.0001314	-0.0010869	-0.0006943	-6.14E-05	-5.08E-04	-3.25E-04	-1.21E-04	-1.00E-03	-6.41E-04
2694	474269.83, 3848657.25	1.02653	8.67585	5.46187	-0.000126	-0.0010647	-0.0006703	-5.89E-05	-4.98E-04	-3.13E-04	-1.16E-04	-9.83E-04	-6.19E-04
2695	474294.83, 3848257.25	4.69644	26.24077	18.45567	-0.0005763	-0.0032202	-0.0022648	-2.69E-04	-1.51E-03	-1.06E-03	-5.32E-04	-2.97E-03	-2.09E-03
2696	474294.83, 3848282.25	3.78407	22.45994	15.70364	-0.0004644	-0.0027562	-0.0019271	-2.17E-04	-1.29E-03	-9.01E-04	-4.29E-04	-2.54E-03	-1.78E-03
2697	474294.83, 3848307.25	3.30421	20.56085	14.31201	-0.0004055	-0.0025232	-0.0017563	-1.90E-04	-1.18E-03	-8.21E-04	-3.74E-04	-2.33E-03	-1.62E-03
2698	474294.83, 3848332.25	3.05651	19.90175	13.79281	-0.0003751	-0.0024423	-0.0016926	-1.75E-04	-1.14E-03	-7.91E-04	-3.46E-04	-2.25E-03	-1.56E-03
2699	474294.83, 3848357.25	2.49172	16.44759	11.39528	-0.0003058	-0.0020184	-0.0013984	-1.43E-04	-9.43E-04	-6.54E-04	-2.82E-04	-1.86E-03	-1.29E-03
2700	474294.83, 3848382.25	2.17216	14.62967	10.14432	-0.0002666	-0.0017953	-0.0012449	-1.25E-04	-8.39E-04	-5.82E-04	-2.46E-04	-1.66E-03	-1.15E-03
2701	474294.83, 3848407.25	1.96021	13.45822	9.32415	-0.0002406	-0.0016516	-0.0011442	-1.12E-04	-7.72E-04	-5.35E-04	-2.22E-04	-1.52E-03	-1.06E-03

2702	474294.83, 3848432.25	1.80074	12.62987	8.64138	-0.000221	-0.0015499	-0.0010605	-1.03E-04	-7.24E-04	-4.96E-04	-2.04E-04	-1.43E-03	-9.79E-04
2703	474294.83, 3848457.25	1.67112	11.93018	8.05814	-0.0002051	-0.0014641	-0.0009889	-9.59E-05	-6.84E-04	-4.62E-04	-1.89E-04	-1.35E-03	-9.13E-04
2704	474294.83, 3848482.25	1.55906	11.29925	7.55567	-0.0001913	-0.0013866	-0.0009272	-8.94E-05	-6.48E-04	-4.33E-04	-1.77E-04	-1.28E-03	-8.56E-04
2705	474294.83, 3848507.25	1.4552	10.68598	7.15659	-0.0001786	-0.0013114	-0.0008782	-8.35E-05	-6.13E-04	-4.11E-04	-1.65E-04	-1.21E-03	-8.11E-04
2706	474294.83, 3848532.25	1.36243	10.16834	6.77711	-0.0001672	-0.0012478	-0.0008317	-7.81E-05	-5.83E-04	-3.89E-04	-1.54E-04	-1.15E-03	-7.68E-04
2707	474294.83, 3848557.25	1.28713	9.80454	6.45834	-0.000158	-0.0012032	-0.0007926	-7.38E-05	-5.62E-04	-3.70E-04	-1.46E-04	-1.11E-03	-7.32E-04
2708	474294.83, 3848582.25	1.22487	9.53439	6.24002	-0.0001503	-0.00117	-0.0007658	-7.03E-05	-5.47E-04	-3.58E-04	-1.39E-04	-1.08E-03	-7.07E-04
2709	474294.83, 3848607.25	1.16692	9.30152	5.99816	-0.0001432	-0.0011415	-0.0007361	-6.69E-05	-5.34E-04	-3.44E-04	-1.32E-04	-1.05E-03	-6.79E-04
2710	474294.83, 3848632.25	1.11359	9.08464	5.82007	-0.0001367	-0.0011149	-0.0007142	-6.39E-05	-5.21E-04	-3.34E-04	-1.26E-04	-1.03E-03	-6.59E-04
2711	474294.83, 3848657.25	1.06938	8.92523	5.65928	-0.0001312	-0.0010953	-0.0006945	-6.13E-05	-5.12E-04	-3.25E-04	-1.21E-04	-1.01E-03	-6.41E-04
2712	474294.83, 3848682.25	1.0282	8.76427	5.44236	-0.0001262	-0.0010755	-0.0006679	-5.90E-05	-5.03E-04	-3.12E-04	-1.16E-04	-9.93E-04	-6.17E-04
2713	474319.83, 3848257.25	5.99822	31.28158	22.1043	-0.0007361	-0.0038388	-0.0027126	-3.44E-04	-1.79E-03	-1.27E-03	-6.79E-04	-3.54E-03	-2.50E-03
2714	474319.83, 3848282.25	4.72678	26.81716	18.79405	-0.0005801	-0.003291	-0.0023064	-2.71E-04	-1.54E-03	-1.08E-03	-5.35E-04	-3.04E-03	-2.13E-03
2715	474319.83, 3848307.25	3.99512	24.19364	16.87678	-0.0004903	-0.002969	-0.0020711	-2.29E-04	-1.39E-03	-9.68E-04	-4.53E-04	-2.74E-03	-1.91E-03
2716	474319.83, 3848332.25	3.43824	21.77081	15.1455	-0.0004219	-0.0026717	-0.0018586	-1.97E-04	-1.25E-03	-8.69E-04	-3.89E-04	-2.47E-03	-1.72E-03
2717	474319.83, 3848357.25	3.02449	19.79826	13.71661	-0.0003712	-0.0024296	-0.0016833	-1.73E-04	-1.14E-03	-7.87E-04	-3.43E-04	-2.24E-03	-1.55E-03
2718	474319.83, 3848382.25	2.50386	16.61405	11.52438	-0.0003073	-0.0020388	-0.0014143	-1.44E-04	-9.53E-04	-6.61E-04	-2.84E-04	-1.88E-03	-1.31E-03
2719	474319.83, 3848407.25	2.16002	14.58155	10.12701	-0.0002651	-0.0017894	-0.0012428	-1.24E-04	-8.36E-04	-5.81E-04	-2.45E-04	-1.65E-03	-1.15E-03
2720	474319.83, 3848432.25	1.94273	13.38451	9.26665	-0.0002384	-0.0016425	-0.0011372	-1.11E-04	-7.68E-04	-5.32E-04	-2.20E-04	-1.52E-03	-1.05E-03
2721	474319.83, 3848457.25	1.7897	12.58535	8.57975	-0.0002196	-0.0015445	-0.0010529	-1.03E-04	-7.22E-04	-4.92E-04	-2.03E-04	-1.43E-03	-9.72E-04
2722	474319.83, 3848482.25	1.65631	11.85056	7.98009	-0.0002033	-0.0014543	-0.0009793	-9.50E-05	-6.80E-04	-4.58E-04	-1.88E-04	-1.34E-03	-9.04E-04
2723	474319.83, 3848507.25	1.53915	11.17626	7.48272	-0.0001889	-0.0013715	-0.0009183	-8.83E-05	-6.41E-04	-4.29E-04	-1.74E-04	-1.27E-03	-8.48E-04
2724	474319.83, 3848532.25	1.43339	10.54897	7.08743	-0.0001759	-0.0012946	-0.0008698	-8.22E-05	-6.05E-04	-4.07E-04	-1.62E-04	-1.19E-03	-8.03E-04
2725	474319.83, 3848557.25	1.34881	10.12929	6.72156	-0.0001655	-0.001243	-0.0008249	-7.74E-05	-5.81E-04	-3.86E-04	-1.53E-04	-1.15E-03	-7.61E-04
2726	474319.83, 3848582.25	1.2801	9.81541	6.44895	-0.0001571	-0.0012045	-0.0007914	-7.34E-05	-5.63E-04	-3.70E-04	-1.45E-04	-1.11E-03	-7.31E-04
2727	474319.83, 3848607.25	1.21697	9.55519	6.20152	-0.0001493	-0.0011726	-0.000761	-6.98E-05	-5.48E-04	-3.56E-04	-1.38E-04	-1.08E-03	-7.03E-04
2728	474319.83, 3848632.25	1.16177	9.34403	6.0037	-0.0001426	-0.0011467	-0.0007368	-6.66E-05	-5.36E-04	-3.44E-04	-1.32E-04	-1.06E-03	-6.80E-04
2729	474319.83, 3848657.25	1.10988	9.13899	5.83589	-0.0001362	-0.0011215	-0.0007162	-6.37E-05	-5.24E-04	-3.35E-04	-1.26E-04	-1.04E-03	-6.61E-04
2730	474319.83, 3848682.25	1.07049	9.01616	5.65901	-0.0001314	-0.0011064	-0.0006945	-6.14E-05	-5.17E-04	-3.25E-04	-1.21E-04	-1.02E-03	-6.41E-04
2731	474319.83, 3848707.25	1.02846	8.83642	5.47066	-0.0001262	-0.0010844	-0.0006714	-5.90E-05	-5.07E-04	-3.14E-04	-1.17E-04	-1.00E-03	-6.20E-04
2732	474344.83, 3848282.25	5.97645	31.81684	22.37477	-0.0007334	-0.0039045	-0.0027458	-3.43E-04	-1.83E-03	-1.28E-03	-6.77E-04	-3.60E-03	-2.53E-03
2733	474344.83, 3848307.25	4.657	26.79262	18.76459	-0.0005715	-0.0032879	-0.0023028	-2.67E-04	-1.54E-03	-1.08E-03	-5.28E-04	-3.04E-03	-2.13E-03
2734	474344.83, 3848332.25	3.75979	22.76778	15.90209	-0.0004614	-0.002794	-0.0019515	-2.16E-04	-1.31E-03	-9.12E-04	-4.26E-04	-2.58E-03	-1.80E-03
2735	474344.83, 3848357.25	3.12942	19.67275	13.69658	-0.000384	-0.0024142	-0.0016808	-1.80E-04	-1.13E-03	-7.86E-04	-3.54E-04	-2.23E-03	-1.55E-03
2736	474344.83, 3848382.25	2.71005	17.56154	12.2093	-0.0003326	-0.0021551	-0.0014983	-1.55E-04	-1.01E-03	-7.00E-04	-3.07E-04	-1.99E-03	-1.38E-03
2737	474344.83, 3848407.25	2.42083	16.08246	11.16579	-0.0002971	-0.0019736	-0.0013702	-1.39E-04	-9.22E-04	-6.40E-04	-2.74E-04	-1.82E-03	-1.26E-03
2738	474344.83, 3848432.25	2.16172	14.63223	10.17573	-0.0002653	-0.0017956	-0.0012487	-1.24E-04	-8.39E-04	-5.84E-04	-2.45E-04	-1.66E-03	-1.15E-03
2739	474344.83, 3848457.25	1.93441	13.37047	9.2215	-0.0002374	-0.0016408	-0.0011316	-1.11E-04	-7.67E-04	-5.29E-04	-2.19E-04	-1.51E-03	-1.04E-03
2740	474344.83, 3848482.25	1.7703	12.48359	8.48903	-0.0002172	-0.001532	-0.0010418	-1.02E-04	-7.16E-04	-4.87E-04	-2.01E-04	-1.41E-03	-9.62E-04
2741	474344.83, 3848507.25	1.63556	11.7286	7.88172	-0.0002007	-0.0014393	-0.0009672	-9.38E-05	-6.73E-04	-4.52E-04	-1.85E-04	-1.33E-03	-8.93E-04
2742	474344.83, 3848532.25	1.51745	11.04017	7.41512	-0.0001862	-0.0013548	-0.00091	-8.70E-05	-6.33E-04	-4.25E-04	-1.72E-04	-1.25E-03	-8.40E-04
2743	474344.83, 3848557.25	1.42033	10.51158	7.03588	-0.0001743	-0.00129	-0.0008634	-8.15E-05	-6.03E-04	-4.04E-04	-1.61E-04	-1.19E-03	-7.97E-04
2744	474344.83, 3848582.25	1.34052	10.13238	6.69643	-0.0001645	-0.0012434	-0.0008218	-7.69E-05	-5.81E-04	-3.84E-04	-1.52E-04	-1.15E-03	-7.59E-04
2745	474344.83, 3848607.25	1.2723	9.83392	6.44343	-0.0001561	-0.0012068	-0.0007907	-7.30E-05	-5.64E-04	-3.70E-04	-1.44E-04	-1.11E-03	-7.30E-04
2746	474344.83, 3848632.25	1.20938	9.58381	6.18384	-0.0001484	-0.0011761	-0.0007589	-6.94E-05	-5.50E-04	-3.55E-04	-1.37E-04	-1.09E-03	-7.01E-04
2747	474344.83, 3848657.25	1.1545	9.37194	6.01523	-0.0001417	-0.0011501	-0.0007382	-6.62E-05	-5.38E-04	-3.45E-04	-1.31E-04	-1.06E-03	-6.81E-04
2748	474344.83, 3848682.25	1.10505	9.1871	5.8205	-0.0001356	-0.0011274	-0.0007143	-6.34E-05	-5.27E-04	-3.34E-04	-1.25E-04	-1.04E-03	-6.59E-04
2749	474344.83, 3848707.25	1.06131	9.01559	5.60354	-0.0001302	-0.0011064	-0.0006877	-6.09E-05	-5.17E-04	-3.21E-04	-1.20E-04	-1.02E-03	-6.35E-04
2750	474369.83, 3848307.25	5.72953	30.7594	21.80679	-0.0007031	-0.0037747	-0.0026761	-3.29E-04	-1.76E-03	-1.25E-03	-6.49E-04	-3.48E-03	-2.47E-03
2751	474369.83, 3848332.25	4.49993	26.07579	18.26329	-0.0005522	-0.0032	-0.0022412	-2.58E-04	-1.50E-03	-1.05E-03	-5.10E-04	-2.95E-03	-2.07E-03
2752	474369.83, 3848357.25	3.74126	22.88306	15.93018	-0.0004591	-0.0028082	-0.0019549	-2.15E-04	-1.31E-03	-9.14E-04	-4.24E-04	-2.59E-03	-1.80E-03
2753	474369.83, 3848382.25	3.12293	19.78078	13.75774	-0.0003832	-0.0024275	-0.0016883	-1.79E-04	-1.13E-03	-7.89E-04	-3.54E-04	-2.24E-03	-1.56E-03
2754	474369.83, 3848407.25	2.6578	17.29228	12.03744	-0.0003262	-0.0021221	-0.0014772	-1.52E-04	-9.92E-04	-6.90E-04	-3.01E-04	-1.96E-03	-1.36E-03
2755	474369.83, 3848432.25	2.33544	15.54168	10.80061	-0.0002866	-0.0019072	-0.0013254	-1.34E-04	-8.91E-04	-6.20E-04	-2.65E-04	-1.76E-03	-1.22E-03
2756	474369.83, 3848457.25	2.10222	14.24831	9.92465	-0.000258	-0.0017485	-0.0012179	-1.21E-04	-8.17E-04	-5.69E-04	-2.38E-04	-1.61E-03	-1.12E-03
2757	474369.83, 3848482.25	1.91203	13.25994	9.09105	-0.0002346	-0.0016272	-0.0011156	-1.10E-04	-7.61E-04	-5.21E-04	-2.17E-04	-1.50E-03	-1.03E-03
2758	474369.83, 3848507.25	1.75375	12.39781	8.40111	-0.0002152	-0.0015214	-0.001031	-1.01E-04	-7.11E-04	-4.82E-04	-1.99E-04	-1.40E-03	-9.52E-04
2759	474369.83, 3848532.25	1.61396	11.59926	7.78665	-0.0001981	-0.0014234	-0.0009556	-9.26E-05	-6.65E-04	-4.47E-04	-1.83E-04	-1.31E-03	-8.82E-04
2760	474369.83, 3848557.25	1.49975	10.9423	7.36405	-0.000184	-0.0013428	-0.0009037	-8.60E-05	-6.28E-04	-4.22E-04	-1.70E-04	-1.24E-03	-8.34E-04
2761	474369.83, 3848582.25	1.40787	10.4881	6.98682	-0.0001728	-0.0012871	-0.0008574	-8.08E-05	-6.02E-04	-4.01E-04	-1.59E-04	-1.19E-03	-7.91E-04
2762	474369.83, 3848607.25	1.3329	10.14617	6.68212	-0.0001636	-0.0012451	-0.00082	-7.65E-05	-5.82E-04	-3.83E-04	-1.51E-04	-1.15E-03	-7.57E-04
2763	474369.83, 3848632.25	1.26503	9.86941	6.40805	-0.0001552	-0.0012112	-0.0007864	-7.26E-05	-5.66E-04	-3.68E-04	-1.43E-04	-1.12E-03	-7.26E-04
2764	474369.83, 3848657.25	1.20398	9.63293	6.19247	-0.0001478	-0.0011821	-0.0007599	-6.91E-05	-5.53E-04	-3.55E-04	-1.36E-04	-1.09E-03	-7.01E-04
2765	474369.83, 3848682.25	1.14914	9.42344	6.00846	-0.000141	-0.0011564	-0.0007373	-6.59E-05	-5.41E-04	-3.45E-04	-1.30E-04	-1.07E-03	-6.81E-04
2766	474369.83, 3848707.25	1.10464	9.27086	5.78879	-0.0001356	-0.0011377	-0.0007104	-6.34E-05	-5.32E-04	-3.32E-04	-1.25E-04	-1.05E-03	-6.56E-04
2767	474369.83, 3848732.25	1.06733	9.13928	5.64217	-0.000131	-0.0011216	-0.0006924	-6.12E-05	-5.24E-04	-3.24E-04	-1.21E-04	-1.04E-03	-6.39E-04
2768	474394.83, 3848332.25	5.50209	29.83406	21.06637	-0.0006752	-0.0036612	-0.0025852	-3.16E-04	-1.71E-03	-1.21E-03	-6.23E-04	-3.38E-03	-2.39E-03
2769	474394.83, 3848357.25	4.31408	25.16479	17.57292	-0.0005294	-0.0030882	-0.0021565	-2.47E-04	-1.44E-03	-1.01E-03	-4.89E-04	-2.85E-03	-1.99E-03
2770	474394.83, 3848382.25	3.45695	21.12245	14.74339	-0.0004242	-0.0025921	-0.0018093	-1.98E-04	-1.21E-03	-8.46E-04	-3.92E-04	-2.39E-03	-1.67E-03
2771	474394.83, 3848407.25	3.08958	19.69846	13.70408	-0.0003791	-0.0024174	-0.0016817	-1.77E-04	-1.13E-03	-7.86E-04	-3.50E-04	-2.23E-03	-1.55E-03
2772	474394.83, 3848432.25	2.74046	17.99871	12.5095	-0.0003363	-0.0022088	-0.0015351	-1.57E-04	-1.03E-03	-7.18E-04	-3.10E-04	-2.04E-03	-1.42E-03
2773	474394.83, 3848457.25	2.35029	15.69511	10.91401	-0.0002884	-0.0019261	-0.0013393	-1.35E-04	-9.00E-04	-6.26E-04	-2.66E-04	-1.78E-03	-1.24E-03
2774	474394.83, 3848482.25	2.08986	14.22074	9.85156	-0.0002565	-0.0017451	-0.001209	-1.20E-04	-8.16E-04	-5.65E-04	-2.37E-04	-1.61E-03	-1.12E-03
2775	474394.83, 3848507.25	1.89323	13.16899	9.00276	-0.0002323	-0.0016161	-0.0011048	-1.09E-04	-7.55E-04	-5.16E-04	-2.14E-04	-1.49E-03	-1.02E-03
2776	474394.83, 3848532.25	1.7296	12.25855	8.27745	-0.0002123	-0.0015043	-0.0010158	-9.92E-05	-7.03E-04	-4.75E-04	-1.96E-04	-1.39E-03	-9.38E-04
2777	474394.83, 3848557.25	1.59457	11.48477	7.73084	-0.0001957	-0.0014094	-0.0009487	-9.15E-05	-6.59E-04	-4.43E-04	-1.81E-04	-1.30E-03	-8.76E-04
2778	474394.83, 3848582.25	1.48588	10.90538	7.32148	-0.0001823	-0.0013383	-0.0008985	-8.52E-05	-6.26E-04	-4.20E-04	-1.68E-04	-1.24E-03	-8.29E-04
2779	474394.83, 3848607.25	1.4014	10.51104	6.96998	-0.000172	-0.0012899	-0.0008553	-8.04E-05	-6.03E-04	-4.00E-04	-1.59E-04	-1.19E-03	-7.90E-04
2780	474394.83, 3848632.25	1.32667	10.18388	6.68004	-0.0001628	-0.0012497	-0.0008198	-7.61E-05	-5.84E-04	-3.83E-04	-1.50E-04	-1.15E-03	-7.57E-04
2781	474394.83, 3848657.25	1.25783	9.91178	6.39884	-0.0001544	-0.0012164	-0.0007853	-7.21E-05	-5.69E-04	-3.67E-04	-1.42E-04	-1.12E-03	-7.25E-04
2782	474394.83, 3848682.25	1.198	9.68241	6.21402	-0.000147	-0.0011882	-0.0007626	-6.87E-05	-5.55E-04	-3.56E-04	-1.36E-04	-1.10E-03	-7.04E-04
2783	474394.83, 3848707.25	1.14491	9.48481	5.9925	-0.0001405	-0.001164	-0.0007354	-6.57E-05	-5.44E-04	-3.44E-04	-1.30E-04	-1.07E-03	-6.79E-04

2784	474394.83, 3848732.25	1.09789	9.29411	5.75991	-0.0001347	-0.0011406	-0.0007068	-6.30E-05	-5.33E-04	-3.30E-04	-1.24E-04	-1.05E-03	-6.52E-04
2785	474394.83, 3848757.25	1.06381	9.16528	5.62658	-0.0001305	-0.0011247	-0.0006905	-6.10E-05	-5.26E-04	-3.23E-04	-1.21E-04	-1.04E-03	-6.37E-04
2786	474419.83, 3848357.25	5.43206	29.94723	21.15963	-0.0006666	-0.0036751	-0.0025967	-3.12E-04	-1.72E-03	-1.21E-03	-6.15E-04	-3.39E-03	-2.40E-03
2787	474419.83, 3848382.25	4.22895	24.88682	17.39335	-0.000519	-0.0030541	-0.0021345	-2.43E-04	-1.43E-03	-9.98E-04	-4.79E-04	-2.82E-03	-1.97E-03
2788	474419.83, 3848407.25	3.42822	21.10436	14.71796	-0.0004207	-0.0025899	-0.0018062	-1.97E-04	-1.21E-03	-8.44E-04	-3.88E-04	-2.39E-03	-1.67E-03
2789	474419.83, 3848432.25	2.91144	18.5521	12.93987	-0.0003573	-0.0022767	-0.001588	-1.67E-04	-1.06E-03	-7.42E-04	-3.30E-04	-2.10E-03	-1.47E-03
2790	474419.83, 3848457.25	2.55491	16.72438	11.66669	-0.0003135	-0.0020524	-0.0014317	-1.47E-04	-9.59E-04	-6.69E-04	-2.89E-04	-1.89E-03	-1.32E-03
2791	474419.83, 3848482.25	2.27518	15.20493	10.58092	-0.0002792	-0.0018659	-0.0012985	-1.31E-04	-8.72E-04	-6.07E-04	-2.58E-04	-1.72E-03	-1.20E-03
2792	474419.83, 3848507.25	2.04964	13.99775	9.63307	-0.0002515	-0.0017178	-0.0011822	-1.18E-04	-8.03E-04	-5.53E-04	-2.32E-04	-1.59E-03	-1.09E-03
2793	474419.83, 3848532.25	1.85854	12.97026	8.83451	-0.0002281	-0.0015917	-0.0010842	-1.07E-04	-7.44E-04	-5.07E-04	-2.11E-04	-1.47E-03	-1.00E-03
2794	474419.83, 3848557.25	1.70067	12.08993	8.14748	-0.0002087	-0.0014837	-0.0009998	-9.76E-05	-6.93E-04	-4.67E-04	-1.93E-04	-1.37E-03	-9.23E-04
2795	474419.83, 3848582.25	1.57445	11.38513	7.67592	-0.0001932	-0.0013972	-0.000942	-9.03E-05	-6.53E-04	-4.40E-04	-1.78E-04	-1.29E-03	-8.70E-04
2796	474419.83, 3848607.25	1.47669	10.91185	7.28812	-0.0001812	-0.0013391	-0.0008944	-8.47E-05	-6.26E-04	-4.18E-04	-1.67E-04	-1.24E-03	-8.26E-04
2797	474419.83, 3848632.25	1.39183	10.52132	6.95144	-0.0001708	-0.0012912	-0.0008531	-7.98E-05	-6.04E-04	-3.99E-04	-1.58E-04	-1.19E-03	-7.87E-04
2798	474419.83, 3848657.25	1.31948	10.23244	6.64553	-0.0001619	-0.0012557	-0.0008155	-7.57E-05	-5.87E-04	-3.81E-04	-1.49E-04	-1.16E-03	-7.53E-04
2799	474419.83, 3848682.25	1.2545	9.98607	6.42411	-0.000154	-0.0012255	-0.0007884	-7.20E-05	-5.73E-04	-3.68E-04	-1.42E-04	-1.13E-03	-7.28E-04
2800	474419.83, 3848707.25	1.19438	9.75811	6.21362	-0.0001466	-0.0011975	-0.0007625	-6.85E-05	-5.60E-04	-3.56E-04	-1.35E-04	-1.11E-03	-7.04E-04
2801	474419.83, 3848732.25	1.14143	9.54687	5.94257	-0.0001401	-0.0011716	-0.0007293	-6.55E-05	-5.48E-04	-3.41E-04	-1.29E-04	-1.08E-03	-6.73E-04
2802	474419.83, 3848757.25	1.11178	9.48537	5.83772	-0.0001364	-0.001164	-0.0007164	-6.38E-05	-5.44E-04	-3.35E-04	-1.26E-04	-1.07E-03	-6.61E-04
2803	474419.83, 3848782.25	1.04745	9.05621	5.55214	-0.0001285	-0.0011114	-0.0006813	-6.01E-05	-5.19E-04	-3.18E-04	-1.19E-04	-1.03E-03	-6.29E-04
2804	474444.83, 3848382.25	4.96998	27.47183	19.39183	-0.0006099	-0.0033713	-0.0023797	-2.85E-04	-1.58E-03	-1.11E-03	-5.63E-04	-3.11E-03	-2.20E-03
2805	474444.83, 3848407.25	4.04341	23.94178	16.75479	-0.0004962	-0.0029381	-0.0020561	-2.32E-04	-1.37E-03	-9.61E-04	-4.58E-04	-2.71E-03	-1.90E-03
2806	474444.83, 3848432.25	3.44727	21.41794	14.95843	-0.000423	-0.0026284	-0.0018357	-1.98E-04	-1.23E-03	-8.58E-04	-3.91E-04	-2.43E-03	-1.69E-03
2807	474444.83, 3848457.25	2.96109	19.00608	13.25518	-0.0003634	-0.0023324	-0.0016267	-1.70E-04	-1.09E-03	-7.60E-04	-3.35E-04	-2.15E-03	-1.50E-03
2808	474444.83, 3848482.25	2.53062	16.61451	11.59048	-0.0003106	-0.0020389	-0.0014224	-1.45E-04	-9.53E-04	-6.65E-04	-2.87E-04	-1.88E-03	-1.31E-03
2809	474444.83, 3848507.25	2.2469	15.04318	10.44994	-0.0002757	-0.0018461	-0.0012824	-1.29E-04	-8.63E-04	-5.99E-04	-2.55E-04	-1.70E-03	-1.18E-03
2810	474444.83, 3848532.25	2.01408	13.80847	9.46208	-0.0002472	-0.0016946	-0.0011612	-1.16E-04	-7.92E-04	-5.43E-04	-2.28E-04	-1.56E-03	-1.07E-03
2811	474444.83, 3848557.25	1.82759	12.79925	8.67857	-0.0002243	-0.0015707	-0.001065	-1.05E-04	-7.34E-04	-4.98E-04	-2.07E-04	-1.45E-03	-9.83E-04
2812	474444.83, 3848582.25	1.67915	11.9706	8.08029	-0.0002061	-0.001469	-0.0009916	-9.63E-05	-6.87E-04	-4.63E-04	-1.90E-04	-1.36E-03	-9.15E-04
2813	474444.83, 3848607.25	1.56125	11.3634	7.64284	-0.0001916	-0.0013945	-0.0009379	-8.96E-05	-6.52E-04	-4.38E-04	-1.77E-04	-1.29E-03	-8.66E-04
2814	474444.83, 3848632.25	1.46606	10.91775	7.25817	-0.0001799	-0.0013398	-0.0008907	-8.41E-05	-6.26E-04	-4.16E-04	-1.66E-04	-1.24E-03	-8.22E-04
2815	474444.83, 3848657.25	1.38359	10.55604	6.94383	-0.0001698	-0.0012954	-0.0008521	-7.94E-05	-6.05E-04	-3.98E-04	-1.57E-04	-1.20E-03	-7.87E-04
2816	474444.83, 3848682.25	1.31334	10.29374	6.66731	-0.0001612	-0.0012632	-0.0008182	-7.53E-05	-5.90E-04	-3.82E-04	-1.49E-04	-1.17E-03	-7.55E-04
2817	474444.83, 3848707.25	1.24908	10.05512	6.44267	-0.0001533	-0.0012339	-0.0007906	-7.16E-05	-5.77E-04	-3.70E-04	-1.41E-04	-1.14E-03	-7.30E-04
2818	474444.83, 3848732.25	1.1872	9.80255	6.14971	-0.0001457	-0.001203	-0.0007547	-6.81E-05	-5.62E-04	-3.53E-04	-1.34E-04	-1.11E-03	-6.97E-04
2819	474444.83, 3848757.25	1.13508	9.57487	5.91515	-0.0001393	-0.001175	-0.0007259	-6.51E-05	-5.49E-04	-3.39E-04	-1.29E-04	-1.08E-03	-6.70E-04
2820	474444.83, 3848782.25	1.10012	9.43388	5.78171	-0.000135	-0.0011577	-0.0007095	-6.31E-05	-5.41E-04	-3.32E-04	-1.25E-04	-1.07E-03	-6.55E-04
2821	474444.83, 3848807.25	1.04303	9.02741	5.5171	-0.000128	-0.0011078	-0.000677	-5.98E-05	-5.18E-04	-3.16E-04	-1.18E-04	-1.02E-03	-6.25E-04
2822	474469.83, 3848407.25	5.13445	29.00758	20.51207	-0.0006301	-0.0035598	-0.0025172	-2.95E-04	-1.66E-03	-1.18E-03	-5.82E-04	-3.29E-03	-2.32E-03
2823	474469.83, 3848432.25	4.04769	24.23546	16.96167	-0.0004967	-0.0029741	-0.0020815	-2.32E-04	-1.39E-03	-9.73E-04	-4.59E-04	-2.75E-03	-1.92E-03
2824	474469.83, 3848457.25	3.2877	20.4601	14.26508	-0.0004035	-0.0025108	-0.0017506	-1.89E-04	-1.17E-03	-8.18E-04	-3.72E-04	-2.32E-03	-1.62E-03
2825	474469.83, 3848482.25	2.91226	18.77011	13.06231	-0.0003574	-0.0023034	-0.001603	-1.67E-04	-1.08E-03	-7.49E-04	-3.30E-04	-2.13E-03	-1.48E-03
2826	474469.83, 3848507.25	2.57467	17.00519	11.83375	-0.000316	-0.0020868	-0.0014522	-1.48E-04	-9.75E-04	-6.79E-04	-2.92E-04	-1.93E-03	-1.34E-03
2827	474469.83, 3848532.25	2.24926	15.11358	10.42802	-0.000276	-0.0018547	-0.0012797	-1.29E-04	-8.67E-04	-5.98E-04	-2.55E-04	-1.71E-03	-1.18E-03
2828	474469.83, 3848557.25	1.99441	13.72118	9.38317	-0.0002448	-0.0016838	-0.0011515	-1.14E-04	-7.87E-04	-5.38E-04	-2.26E-04	-1.55E-03	-1.06E-03
2829	474469.83, 3848582.25	1.80527	12.68287	8.56973	-0.0002215	-0.0015564	-0.0010517	-1.04E-04	-7.27E-04	-4.92E-04	-2.04E-04	-1.44E-03	-9.71E-04
2830	474469.83, 3848607.25	1.66294	11.90938	8.04097	-0.0002041	-0.0014615	-0.0009868	-9.54E-05	-6.83E-04	-4.61E-04	-1.88E-04	-1.35E-03	-9.11E-04
2831	474469.83, 3848632.25	1.55001	11.36649	7.6035	-0.0001902	-0.0013949	-0.0009331	-8.89E-05	-6.52E-04	-4.36E-04	-1.76E-04	-1.29E-03	-8.61E-04
2832	474469.83, 3848657.25	1.45704	10.94081	7.24753	-0.0001788	-0.0013426	-0.0008894	-8.36E-05	-6.28E-04	-4.16E-04	-1.65E-04	-1.24E-03	-8.21E-04
2833	474469.83, 3848682.25	1.37856	10.6313	6.92358	-0.0001692	-0.0013047	-0.0008497	-7.91E-05	-6.10E-04	-3.97E-04	-1.56E-04	-1.20E-03	-7.84E-04
2834	474469.83, 3848707.25	1.30809	10.36703	6.67204	-0.0001605	-0.0012722	-0.0008188	-7.50E-05	-5.95E-04	-3.83E-04	-1.48E-04	-1.17E-03	-7.56E-04
2835	474469.83, 3848732.25	1.24157	10.1109	6.42866	-0.0001524	-0.0012408	-0.0007889	-7.12E-05	-5.80E-04	-3.69E-04	-1.41E-04	-1.15E-03	-7.28E-04
2836	474469.83, 3848757.25	1.18109	9.84759	6.11065	-0.0001449	-0.0012085	-0.0007499	-6.77E-05	-5.65E-04	-3.51E-04	-1.34E-04	-1.12E-03	-6.92E-04
2837	474469.83, 3848782.25	1.136	9.64765	5.9242	-0.0001394	-0.0011839	-0.000727	-6.52E-05	-5.53E-04	-3.40E-04	-1.29E-04	-1.09E-03	-6.71E-04
2838	474469.83, 3848807.25	1.08534	9.32751	5.7152	-0.0001332	-0.0011447	-0.0007014	-6.23E-05	-5.35E-04	-3.28E-04	-1.23E-04	-1.06E-03	-6.47E-04
2839	474494.83, 3848432.25	4.86221	27.60138	19.39227	-0.0005967	-0.0033872	-0.0023798	-2.79E-04	-1.58E-03	-1.11E-03	-5.51E-04	-3.13E-03	-2.20E-03
2840	474494.83, 3848457.25	4.05147	24.52566	17.10153	-0.0004972	-0.0030097	-0.0020987	-2.32E-04	-1.41E-03	-9.81E-04	-4.59E-04	-2.78E-03	-1.94E-03
2841	474494.83, 3848482.25	3.24063	20.27819	14.14339	-0.0003977	-0.0024885	-0.0017357	-1.86E-04	-1.16E-03	-8.11E-04	-3.67E-04	-2.30E-03	-1.60E-03
2842	474494.83, 3848507.25	2.75873	17.77413	12.39501	-0.0003385	-0.0021812	-0.0015211	-1.58E-04	-1.02E-03	-7.11E-04	-3.13E-04	-2.01E-03	-1.40E-03
2843	474494.83, 3848532.25	2.43048	16.0266	11.17759	-0.0002983	-0.0019668	-0.0013717	-1.39E-04	-9.19E-04	-6.41E-04	-2.75E-04	-1.82E-03	-1.27E-03
2844	474494.83, 3848557.25	2.17416	14.66474	10.08475	-0.0002668	-0.0017996	-0.0012376	-1.25E-04	-8.41E-04	-5.78E-04	-2.46E-04	-1.66E-03	-1.14E-03
2845	474494.83, 3848582.25	1.96119	13.54454	9.21138	-0.0002407	-0.0016622	-0.0011304	-1.12E-04	-7.77E-04	-5.28E-04	-2.22E-04	-1.53E-03	-1.04E-03
2846	474494.83, 3848607.25	1.78398	12.57307	8.51179	-0.0002189	-0.0015429	-0.0010446	-1.02E-04	-7.21E-04	-4.88E-04	-2.02E-04	-1.42E-03	-9.64E-04
2847	474494.83, 3848632.25	1.64829	11.89189	8.00607	-0.0002023	-0.0014594	-0.0009825	-9.45E-05	-6.82E-04	-4.59E-04	-1.87E-04	-1.35E-03	-9.07E-04
2848	474494.83, 3848657.25	1.53938	11.38157	7.58176	-0.0001889	-0.0013967	-0.0009304	-8.83E-05	-6.53E-04	-4.35E-04	-1.74E-04	-1.29E-03	-8.59E-04
2849	474494.83, 3848682.25	1.44889	10.98968	7.22992	-0.0001778	-0.0013486	-0.0008872	-8.31E-05	-6.30E-04	-4.15E-04	-1.64E-04	-1.24E-03	-8.19E-04
2850	474494.83, 3848707.25	1.37043	10.69103	6.94153	-0.0001682	-0.001312	-0.0008519	-7.86E-05	-6.13E-04	-3.98E-04	-1.55E-04	-1.21E-03	-7.86E-04
2851	474494.83, 3848732.25	1.29899	10.42512	6.6661	-0.0001594	-0.0012794	-0.0008181	-7.45E-05	-5.98E-04	-3.82E-04	-1.47E-04	-1.18E-03	-7.55E-04
2852	474494.83, 3848757.25	1.23396	10.15989	6.33762	-0.0001514	-0.0012468	-0.0007777	-7.08E-05	-5.83E-04	-3.64E-04	-1.40E-04	-1.15E-03	-7.18E-04
2853	474494.83, 3848782.25	1.1772	9.89451	6.11174	-0.0001445	-0.0012142	-0.00075	-6.75E-05	-5.68E-04	-3.51E-04	-1.33E-04	-1.12E-03	-6.92E-04
2854	474494.83, 3848807.25	1.13015	9.63573	5.90161	-0.0001387	-0.0011825	-0.0007242	-6.48E-05	-5.53E-04	-3.39E-04	-1.28E-04	-1.09E-03	-6.69E-04
2855	474494.83, 3848832.25	1.09211	9.37926	5.73537	-0.000134	-0.001151	-0.0007038	-6.26E-05	-5.38E-04	-3.29E-04	-1.24E-04	-1.06E-03	-6.50E-04
2856	474519.83, 3848432.25	5.90378	30.98135	21.80718	-0.0007245	-0.003802	-0.0026761	-3.39E-04	-1.78E-03	-1.25E-03	-6.69E-04	-3.51E-03	-2.47E-03
2857	474519.83, 3848457.25	4.56472	26.01157	18.27806	-0.0005602	-0.0031921	-0.0022431	-2.62E-04	-1.49E-03	-1.05E-03	-5.17E-04	-2.95E-03	-2.07E-03
2858	474519.83, 3848482.25	3.92124	23.84117	16.66854	-0.0004812	-0.0029257	-0.0020455	-2.25E-04	-1.37E-03	-9.56E-04	-4.44E-04	-2.70E-03	-1.89E-03
2859	474519.83, 3848507.25	3.30762	20.89814	14.5765	-0.0004059	-0.0025646	-0.0017888	-1.90E-04	-1.20E-03	-8.36E-04	-3.75E-04	-2.37E-03	-1.65E-03
2860	474519.83, 3848532.25	2.74441	17.73789	12.37059	-0.0003368	-0.0021768	-0.0015181	-1.57E-04	-1.02E-03	-7.10E-04	-3.11E-04	-2.01E-03	-1.40E-03
2861	474519.83, 3848557.25	2.39546	15.82295	11.01054	-0.000294	-0.0019418	-0.0013512	-1.37E-04	-9.08E-04	-6.32E-04	-2.71E-04	-1.79E-03	-1.25E-03
2862	474519.83, 3848582.25	2.14539	14.53056	9.98357	-0.0002633	-0.0017832	-0.0012252	-1.23E-04	-8.33E-04	-5.73E-04	-2.43E-04	-1.65E-03	-1.13E-03
2863	474519.83, 3848607.25	1.93131	13.3924	9.06712	-0.000237	-0.0016435	-0.0011127	-1.11E-04	-7.68E-04	-5.20E-04	-2.19E-04	-1.52E-03	-1.03E-03
2864	474519.83, 3848632.25	1.76701	12.52264	8.47075	-0.0002168	-0.0015368	-0.0010395	-1.01E-04	-7.18E-04	-4.86E-04	-2.00E-04	-1.42E-03	-9.60E-04
2865	474519.83, 3848657.25	1.63442	11.88945	7.96335	-0.0002006	-0.0014591	-0.0009772	-9.38E-05	-6.82E-04	-4.57E-04	-1.85E-04	-1.35E-03	-9.02E-04

2866	474519.83, 3848682.25	1.52907	11.40782	7.57194	-0.0001876	-0.0013999	-0.0009292	-8.77E-05	-6.54E-04	-4.34E-04	-1.73E-04	-1.29E-03	-8.58E-04
2867	474519.83, 3848707.25	1.44103	11.06036	7.23395	-0.0001768	-0.0013573	-0.0008877	-8.27E-05	-6.34E-04	-4.15E-04	-1.63E-04	-1.25E-03	-8.19E-04
2868	474519.83, 3848732.25	1.36189	10.76181	6.91959	-0.0001671	-0.0013207	-0.0008492	-7.81E-05	-6.17E-04	-3.97E-04	-1.54E-04	-1.22E-03	-7.84E-04
2869	474519.83, 3848757.25	1.28993	10.47836	6.60211	-0.0001583	-0.0012859	-0.0008102	-7.40E-05	-6.01E-04	-3.79E-04	-1.46E-04	-1.19E-03	-7.48E-04
2870	474519.83, 3848782.25	1.2287	10.2119	6.34709	-0.0001508	-0.0012532	-0.0007789	-7.05E-05	-5.86E-04	-3.64E-04	-1.39E-04	-1.16E-03	-7.19E-04
2871	474519.83, 3848807.25	1.17558	9.93472	6.11108	-0.0001443	-0.0012192	-0.0007499	-6.74E-05	-5.70E-04	-3.51E-04	-1.33E-04	-1.13E-03	-6.92E-04
2872	474519.83, 3848832.25	1.1299	9.63889	5.90336	-0.0001387	-0.0011829	-0.0007245	-6.48E-05	-5.53E-04	-3.39E-04	-1.28E-04	-1.09E-03	-6.69E-04
2873	474519.83, 3848857.25	1.08796	9.29799	5.73084	-0.0001335	-0.001141	-0.0007033	-6.24E-05	-5.33E-04	-3.29E-04	-1.23E-04	-1.05E-03	-6.49E-04
2874	474544.83, 3848457.25	5.8239	31.0492	21.88923	-0.0007147	-0.0038103	-0.0026862	-3.34E-04	-1.78E-03	-1.26E-03	-6.60E-04	-3.52E-03	-2.48E-03
2875	474544.83, 3848482.25	4.55849	26.32138	18.49446	-0.0005594	-0.0032301	-0.0022696	-2.61E-04	-1.51E-03	-1.06E-03	-5.16E-04	-2.98E-03	-2.10E-03
2876	474544.83, 3848507.25	3.61192	21.89529	15.32937	-0.0004432	-0.002687	-0.0018812	-2.07E-04	-1.26E-03	-8.79E-04	-4.09E-04	-2.48E-03	-1.74E-03
2877	474544.83, 3848532.25	3.07532	19.36119	13.55789	-0.0003774	-0.002376	-0.0016638	-1.76E-04	-1.11E-03	-7.78E-04	-3.48E-04	-2.19E-03	-1.54E-03
2878	474544.83, 3848557.25	2.66538	17.26094	12.04656	-0.0003271	-0.0021182	-0.0014783	-1.53E-04	-9.90E-04	-6.91E-04	-3.02E-04	-1.96E-03	-1.36E-03
2879	474544.83, 3848582.25	2.34798	15.55365	10.80729	-0.0002881	-0.0019087	-0.0013263	-1.35E-04	-8.92E-04	-6.20E-04	-2.66E-04	-1.76E-03	-1.22E-03
2880	474544.83, 3848607.25	2.10824	14.34873	9.82703	-0.0002587	-0.0017609	-0.001206	-1.21E-04	-8.23E-04	-5.64E-04	-2.39E-04	-1.63E-03	-1.11E-03
2881	474544.83, 3848632.25	1.90201	13.24574	8.98245	-0.0002334	-0.0016255	-0.0011023	-1.09E-04	-7.60E-04	-5.15E-04	-2.15E-04	-1.50E-03	-1.02E-03
2882	474544.83, 3848657.25	1.74572	12.47967	8.40714	-0.0002142	-0.0015315	-0.0010317	-1.00E-04	-7.16E-04	-4.82E-04	-1.98E-04	-1.41E-03	-9.52E-04
2883	474544.83, 3848682.25	1.622	11.90642	7.9448	-0.000199	-0.0014611	-0.000975	-9.30E-05	-6.83E-04	-4.56E-04	-1.84E-04	-1.35E-03	-9.00E-04
2884	474544.83, 3848707.25	1.52004	11.46949	7.55075	-0.0001865	-0.0014075	-0.0009266	-8.72E-05	-6.58E-04	-4.33E-04	-1.72E-04	-1.30E-03	-8.55E-04
2885	474544.83, 3848732.25	1.43261	11.1344	7.21007	-0.0001758	-0.0013664	-0.0008848	-8.22E-05	-6.39E-04	-4.14E-04	-1.62E-04	-1.26E-03	-8.17E-04
2886	474544.83, 3848757.25	1.35594	10.85366	6.91365	-0.0001664	-0.0013319	-0.0008484	-7.78E-05	-6.23E-04	-3.97E-04	-1.54E-04	-1.23E-03	-7.83E-04
2887	474544.83, 3848782.25	1.28317	10.53579	6.5809	-0.0001575	-0.0012929	-0.0008076	-7.36E-05	-6.04E-04	-3.77E-04	-1.45E-04	-1.19E-03	-7.45E-04
2888	474544.83, 3848807.25	1.22187	10.22703	6.33123	-0.0001499	-0.001255	-0.000777	-7.01E-05	-5.87E-04	-3.63E-04	-1.38E-04	-1.16E-03	-7.17E-04
2889	474544.83, 3848832.25	1.17148	9.92155	6.10354	-0.0001438	-0.0012176	-0.000749	-6.72E-05	-5.69E-04	-3.50E-04	-1.33E-04	-1.12E-03	-6.91E-04
2890	474544.83, 3848857.25	1.12667	9.5796	5.91125	-0.0001383	-0.0011756	-0.0007254	-6.46E-05	-5.49E-04	-3.39E-04	-1.28E-04	-1.09E-03	-6.70E-04
2891	474544.83, 3848882.25	1.07544	9.13894	5.65178	-0.000132	-0.0011215	-0.0006936	-6.17E-05	-5.24E-04	-3.24E-04	-1.22E-04	-1.04E-03	-6.40E-04
2892	474569.83, 3848482.25	5.51632	29.64588	20.94713	-0.000677	-0.0036381	-0.0025706	-3.16E-04	-1.70E-03	-1.20E-03	-6.25E-04	-3.36E-03	-2.37E-03
2893	474569.83, 3848507.25	4.23654	24.5133	17.24093	-0.0005199	-0.0030082	-0.0021158	-2.43E-04	-1.41E-03	-9.89E-04	-4.80E-04	-2.78E-03	-1.95E-03
2894	474569.83, 3848532.25	3.506	21.34753	14.98457	-0.0004303	-0.0026197	-0.0018389	-2.01E-04	-1.22E-03	-8.60E-04	-3.97E-04	-2.42E-03	-1.70E-03
2895	474569.83, 3848557.25	3.00502	18.99191	13.2991	-0.0003688	-0.0023307	-0.001632	-1.72E-04	-1.09E-03	-7.63E-04	-3.40E-04	-2.15E-03	-1.51E-03
2896	474569.83, 3848582.25	2.62083	17.02257	11.87881	-0.0003216	-0.002089	-0.0014577	-1.50E-04	-9.76E-04	-6.81E-04	-2.97E-04	-1.93E-03	-1.35E-03
2897	474569.83, 3848607.25	2.31424	15.41607	10.6844	-0.000284	-0.0018918	-0.0013112	-1.33E-04	-8.84E-04	-6.13E-04	-2.62E-04	-1.75E-03	-1.21E-03
2898	474569.83, 3848632.25	2.0905	14.28825	9.73361	-0.0002565	-0.0017534	-0.0011945	-1.20E-04	-8.20E-04	-5.58E-04	-2.37E-04	-1.62E-03	-1.10E-03
2899	474569.83, 3848657.25	1.88202	13.19333	8.94756	-0.000231	-0.0016191	-0.001098	-1.08E-04	-7.57E-04	-5.13E-04	-2.13E-04	-1.49E-03	-1.01E-03
2900	474569.83, 3848682.25	1.72862	12.47146	8.36775	-0.0002121	-0.0015305	-0.0010269	-9.92E-05	-7.15E-04	-4.80E-04	-1.96E-04	-1.41E-03	-9.48E-04
2901	474569.83, 3848707.25	1.60952	11.93101	7.93624	-0.0001975	-0.0014642	-0.0009739	-9.23E-05	-6.84E-04	-4.55E-04	-1.82E-04	-1.35E-03	-8.99E-04
2902	474569.83, 3848732.25	1.51044	11.54293	7.57229	-0.0001854	-0.0014165	-0.0009293	-8.66E-05	-6.62E-04	-4.34E-04	-1.71E-04	-1.31E-03	-8.58E-04
2903	474569.83, 3848757.25	1.42402	11.22248	7.20556	-0.0001748	-0.0013772	-0.0008843	-8.17E-05	-6.44E-04	-4.13E-04	-1.61E-04	-1.27E-03	-8.16E-04
2904	474569.83, 3848782.25	1.34784	10.92029	6.84509	-0.0001654	-0.0013401	-0.00084	-7.73E-05	-6.26E-04	-3.93E-04	-1.53E-04	-1.24E-03	-7.75E-04
2905	474569.83, 3848807.25	1.27759	10.58162	6.5737	-0.0001568	-0.0012986	-0.0008067	-7.33E-05	-6.07E-04	-3.77E-04	-1.45E-04	-1.20E-03	-7.45E-04
2906	474569.83, 3848832.25	1.21508	10.21096	6.29005	-0.0001491	-0.0012531	-0.0007719	-6.97E-05	-5.86E-04	-3.61E-04	-1.38E-04	-1.16E-03	-7.13E-04
2907	474569.83, 3848857.25	1.16188	9.82362	6.06053	-0.0001426	-0.0012055	-0.0007437	-6.66E-05	-5.63E-04	-3.48E-04	-1.32E-04	-1.11E-03	-6.87E-04
2908	474569.83, 3848882.25	1.11781	9.44818	5.83864	-0.0001372	-0.0011595	-0.0007165	-6.41E-05	-5.42E-04	-3.35E-04	-1.27E-04	-1.07E-03	-6.61E-04
2909	474569.83, 3848907.25	1.06292	9.00414	5.55753	-0.0001304	-0.001105	-0.000682	-6.10E-05	-5.16E-04	-3.19E-04	-1.20E-04	-1.02E-03	-6.30E-04
2910	474594.83, 3848507.25	5.32937	28.95628	20.39421	-0.000654	-0.0035535	-0.0025027	-3.06E-04	-1.66E-03	-1.17E-03	-6.04E-04	-3.28E-03	-2.31E-03
2911	474594.83, 3848532.25	4.17447	24.34289	17.10335	-0.0005123	-0.0029873	-0.0020989	-2.39E-04	-1.40E-03	-9.81E-04	-4.73E-04	-2.76E-03	-1.94E-03
2912	474594.83, 3848557.25	3.41993	20.9317	14.71249	-0.0004197	-0.0025687	-0.0018055	-1.96E-04	-1.20E-03	-8.44E-04	-3.87E-04	-2.37E-03	-1.67E-03
2913	474594.83, 3848582.25	2.91243	18.47307	12.96587	-0.0003574	-0.002267	-0.0015911	-1.67E-04	-1.06E-03	-7.44E-04	-3.30E-04	-2.09E-03	-1.47E-03
2914	474594.83, 3848607.25	2.55634	16.64692	11.6246	-0.0003137	-0.0020429	-0.0014266	-1.47E-04	-9.55E-04	-6.67E-04	-2.90E-04	-1.89E-03	-1.32E-03
2915	474594.83, 3848632.25	2.27822	15.25786	10.55106	-0.0002796	-0.0018724	-0.0012948	-1.31E-04	-8.75E-04	-6.05E-04	-2.58E-04	-1.73E-03	-1.20E-03
2916	474594.83, 3848657.25	2.04361	14.03986	9.59438	-0.0002508	-0.0017229	-0.0011774	-1.17E-04	-8.05E-04	-5.50E-04	-2.31E-04	-1.59E-03	-1.09E-03
2917	474594.83, 3848682.25	1.85981	13.15816	8.88205	-0.0002282	-0.0016147	-0.00109	-1.07E-04	-7.55E-04	-5.09E-04	-2.11E-04	-1.49E-03	-1.01E-03
2918	474594.83, 3848707.25	1.71515	12.49381	8.35483	-0.0002105	-0.0015332	-0.0010253	-9.84E-05	-7.17E-04	-4.79E-04	-1.94E-04	-1.42E-03	-9.46E-04
2919	474594.83, 3848732.25	1.59855	12.00286	7.9321	-0.0001962	-0.001473	-0.0009734	-9.17E-05	-6.88E-04	-4.55E-04	-1.81E-04	-1.36E-03	-8.99E-04
2920	474594.83, 3848757.25	1.49779	11.61108	7.49862	-0.0001838	-0.0014249	-0.0009202	-8.59E-05	-6.66E-04	-4.30E-04	-1.70E-04	-1.32E-03	-8.49E-04
2921	474594.83, 3848782.25	1.41492	11.30211	7.17305	-0.0001736	-0.001387	-0.0008803	-8.12E-05	-6.48E-04	-4.11E-04	-1.60E-04	-1.28E-03	-8.13E-04
2922	474594.83, 3848807.25	1.34198	10.9864	6.84439	-0.0001647	-0.0013482	-0.0008399	-7.70E-05	-6.30E-04	-3.93E-04	-1.52E-04	-1.24E-03	-7.75E-04
2923	474594.83, 3848832.25	1.27256	10.60124	6.56976	-0.0001562	-0.001301	-0.0008062	-7.30E-05	-6.08E-04	-3.77E-04	-1.44E-04	-1.20E-03	-7.44E-04
2924	474594.83, 3848857.25	1.2078	10.15067	6.24124	-0.0001482	-0.0012457	-0.0007659	-6.93E-05	-5.82E-04	-3.58E-04	-1.37E-04	-1.15E-03	-7.07E-04
2925	474594.83, 3848882.25	1.15538	9.7102	6.01484	-0.0001418	-0.0011916	-0.0007381	-6.63E-05	-5.57E-04	-3.45E-04	-1.31E-04	-1.10E-03	-6.81E-04
2926	474594.83, 3848907.25	1.11726	9.42841	5.82614	-0.0001371	-0.001157	-0.000715	-6.41E-05	-5.41E-04	-3.34E-04	-1.27E-04	-1.07E-03	-6.60E-04
2927	474619.83, 3848532.25	4.96896	27.1722	19.22223	-0.0006098	-0.0033345	-0.0023589	-2.85E-04	-1.56E-03	-1.10E-03	-5.63E-04	-3.08E-03	-2.18E-03
2928	474619.83, 3848557.25	3.94954	23.15746	16.31705	-0.0004847	-0.0028418	-0.0020024	-2.27E-04	-1.33E-03	-9.36E-04	-4.47E-04	-2.62E-03	-1.85E-03
2929	474619.83, 3848582.25	3.31973	20.41505	14.36732	-0.0004074	-0.0025053	-0.0017631	-1.90E-04	-1.17E-03	-8.24E-04	-3.76E-04	-2.31E-03	-1.63E-03
2930	474619.83, 3848607.25	2.87222	18.27407	12.81985	-0.0003525	-0.0022426	-0.0015732	-1.65E-04	-1.05E-03	-7.35E-04	-3.25E-04	-2.07E-03	-1.45E-03
2931	474619.83, 3848632.25	2.50935	16.39666	11.43494	-0.0003079	-0.0020122	-0.0014033	-1.44E-04	-9.41E-04	-6.56E-04	-2.84E-04	-1.86E-03	-1.30E-03
2932	474619.83, 3848657.25	2.25407	15.16637	10.41463	-0.0002766	-0.0018612	-0.0012781	-1.29E-04	-8.70E-04	-5.97E-04	-2.55E-04	-1.72E-03	-1.18E-03
2933	474619.83, 3848682.25	2.03674	14.07851	9.62244	-0.0002499	-0.0017277	-0.0011808	-1.17E-04	-8.08E-04	-5.52E-04	-2.31E-04	-1.59E-03	-1.09E-03
2934	474619.83, 3848707.25	1.85281	13.22315	8.91371	-0.0002274	-0.0016227	-0.0010939	-1.06E-04	-7.58E-04	-5.11E-04	-2.10E-04	-1.50E-03	-1.01E-03
2935	474619.83, 3848732.25	1.70548	12.55793	8.36302	-0.0002093	-0.0015411	-0.0010263	-9.78E-05	-7.20E-04	-4.80E-04	-1.93E-04	-1.42E-03	-9.47E-04
2936	474619.83, 3848757.25	1.60274	12.1831	7.96561	-0.0001967	-0.0014951	-0.0009775	-9.19E-05	-6.99E-04	-4.57E-04	-1.82E-04	-1.38E-03	-9.02E-04
2937	474619.83, 3848782.25	1.51255	11.87957	7.62413	-0.0001856	-0.0014578	-0.0009356	-8.68E-05	-6.81E-04	-4.37E-04	-1.71E-04	-1.35E-03	-8.64E-04
2938	474619.83, 3848807.25	1.43183	11.56471	7.22068	-0.0001757	-0.0014192	-0.0008861	-8.21E-05	-6.63E-04	-4.14E-04	-1.62E-04	-1.31E-03	-8.18E-04
2939	474619.83, 3848832.25	1.35902	11.20694	6.94507	-0.0001668	-0.0013753	-0.0008523	-7.80E-05	-6.43E-04	-3.98E-04	-1.54E-04	-1.27E-03	-7.87E-04
2940	474619.83, 3848857.25	1.28963	10.76207	6.63231	-0.0001583	-0.0013207	-0.0008139	-7.40E-05	-6.17E-04	-3.80E-04	-1.46E-04	-1.22E-03	-7.51E-04
2941	474619.83, 3848882.25	1.2187	10.19564	6.3267	-0.0001496	-0.0012512	-0.0007764	-6.99E-05	-5.85E-04	-3.63E-04	-1.38E-04	-1.15E-03	-7.17E-04
2942	474619.83, 3848907.25	1.16714	9.80206	6.06221	-0.0001432	-0.0012029	-0.0007439	-6.69E-05	-5.62E-04	-3.48E-04	-1.32E-04	-1.11E-03	-6.87E-04
2943	474619.83, 3848932.25	1.11704	9.38697	5.78586	-0.0001371	-0.001152	-0.00071	-6.41E-05	-5.38E-04	-3.32E-04	-1.27E-04	-1.06E-03	-6.55E-04
2944	474644.83, 3848557.25	4.82686	26.66212	18.88155	-0.0005923	-0.0032719	-0.0023171	-2.77E-04	-1.53E-03	-1.08E-03	-5.47E-04	-3.02E-03	-2.14E-03
2945	474644.83, 3848582.25	3.93008	23.20665	16.33385	-0.0004823	-0.0028479	-0.0020045	-2.25E-04	-1.33E-03	-9.37E-04	-4.45E-04	-2.63E-03	-1.85E-03
2946	474644.83, 3848607.25	3.37261	20.86162	14.66281	-0.0004139	-0.0025601	-0.0017994	-1.93E-04	-1.20E-03	-8.41E-04	-3.82E-04	-2.36E-03	-1.66E-03
2947	474644.83, 3848632.25	2.85601	18.2291	12.74241	-0.0003505	-0.002237	-0.0015637	-1.64E-04	-1.05E-03	-7.31E-04	-3.24E-04	-2.06E-03	-1.44E-03

2948	474644.83, 3848657.25	2.5069	16.46073	11.44586	-0.0003076	-0.00202	-0.0014046	-1.44E-04	-9.44E-04	-6.57E-04	-2.84E-04	-1.86E-03	-1.30E-03
2949	474644.83, 3848682.25	2.2638	15.29233	10.49429	-0.0002778	-0.0018766	-0.0012878	-1.30E-04	-8.77E-04	-6.02E-04	-2.56E-04	-1.73E-03	-1.19E-03
2950	474644.83, 3848707.25	2.06037	14.35813	9.74714	-0.0002528	-0.001762	-0.0011962	-1.18E-04	-8.24E-04	-5.59E-04	-2.33E-04	-1.63E-03	-1.10E-03
2951	474644.83, 3848732.25	1.87972	13.5299	9.07604	-0.0002307	-0.0016604	-0.0011138	-1.08E-04	-7.76E-04	-5.21E-04	-2.13E-04	-1.53E-03	-1.03E-03
2952	474644.83, 3848757.25	1.76175	13.1084	8.62364	-0.0002162	-0.0016086	-0.0010583	-1.01E-04	-7.52E-04	-4.95E-04	-2.00E-04	-1.48E-03	-9.77E-04
2953	474644.83, 3848782.25	1.65049	12.72054	8.225	-0.0002025	-0.001561	-0.0010094	-9.47E-05	-7.30E-04	-4.72E-04	-1.87E-04	-1.44E-03	-9.32E-04
2954	474644.83, 3848807.25	1.54132	12.26421	7.73975	-0.0001891	-0.001505	-0.0009498	-8.84E-05	-7.03E-04	-4.44E-04	-1.75E-04	-1.39E-03	-8.77E-04
2955	474644.83, 3848832.25	1.44192	11.75599	7.29786	-0.0001769	-0.0014427	-0.0008956	-8.27E-05	-6.74E-04	-4.19E-04	-1.63E-04	-1.33E-03	-8.27E-04
2956	474644.83, 3848857.25	1.35917	11.25074	6.96147	-0.0001668	-0.0013807	-0.0008543	-7.80E-05	-6.45E-04	-3.99E-04	-1.54E-04	-1.27E-03	-7.89E-04
2957	474644.83, 3848882.25	1.29783	10.803	6.71669	-0.0001593	-0.0013257	-0.0008243	-7.44E-05	-6.20E-04	-3.85E-04	-1.47E-04	-1.22E-03	-7.61E-04
2958	474644.83, 3848907.25	1.22952	10.27645	6.35042	-0.0001509	-0.0012611	-0.0007793	-7.05E-05	-5.89E-04	-3.64E-04	-1.39E-04	-1.16E-03	-7.19E-04
2959	474644.83, 3848932.25	1.23183	10.36985	6.38413	-0.0001512	-0.0012726	-0.0007834	-7.07E-05	-5.95E-04	-3.66E-04	-1.40E-04	-1.17E-03	-7.23E-04
2960	474644.83, 3848957.25	1.21813	10.37594	6.45249	-0.0001495	-0.0012733	-0.0007918	-6.99E-05	-5.95E-04	-3.70E-04	-1.38E-04	-1.18E-03	-7.31E-04
2961	474669.83, 3848582.25	4.73724	26.4282	18.67661	-0.0005813	-0.0032432	-0.002292	-2.72E-04	-1.52E-03	-1.07E-03	-5.37E-04	-2.99E-03	-2.12E-03
2962	474669.83, 3848607.25	3.87963	23.05605	16.19543	-0.0004761	-0.0028294	-0.0019875	-2.23E-04	-1.32E-03	-9.29E-04	-4.39E-04	-2.61E-03	-1.83E-03
2963	474669.83, 3848632.25	3.2397	20.10578	14.10143	-0.0003976	-0.0024673	-0.0017305	-1.86E-04	-1.15E-03	-8.09E-04	-3.67E-04	-2.28E-03	-1.60E-03
2964	474669.83, 3848657.25	2.79739	17.91439	12.50808	-0.0003433	-0.0021984	-0.001535	-1.60E-04	-1.03E-03	-7.17E-04	-3.17E-04	-2.03E-03	-1.42E-03
2965	474669.83, 3848682.25	2.51314	16.59294	11.51319	-0.0003084	-0.0020363	-0.0014129	-1.44E-04	-9.52E-04	-6.60E-04	-2.85E-04	-1.88E-03	-1.30E-03
2966	474669.83, 3848707.25	2.28301	15.53533	10.66082	-0.0002802	-0.0019065	-0.0013083	-1.31E-04	-8.91E-04	-6.12E-04	-2.59E-04	-1.76E-03	-1.21E-03
2967	474669.83, 3848732.25	2.06565	14.54618	9.78804	-0.0002535	-0.0017851	-0.0012012	-1.18E-04	-8.34E-04	-5.61E-04	-2.34E-04	-1.65E-03	-1.11E-03
2968	474669.83, 3848757.25	1.91032	13.90898	9.26418	-0.0002344	-0.0017069	-0.0011369	-1.10E-04	-7.98E-04	-5.31E-04	-2.16E-04	-1.58E-03	-1.05E-03
2969	474669.83, 3848782.25	1.77683	13.41849	8.77066	-0.000218	-0.0016467	-0.0010763	-1.02E-04	-7.70E-04	-5.03E-04	-2.01E-04	-1.52E-03	-9.94E-04
2970	474669.83, 3848807.25	1.64365	12.86045	8.24054	-0.0002017	-0.0015782	-0.0010113	-9.43E-05	-7.38E-04	-4.73E-04	-1.86E-04	-1.46E-03	-9.33E-04
2971	474669.83, 3848832.25	1.53422	12.34744	7.68695	-0.0001883	-0.0015153	-0.0009433	-8.80E-05	-7.08E-04	-4.41E-04	-1.74E-04	-1.40E-03	-8.71E-04
2972	474669.83, 3848857.25	1.44741	11.87145	7.3534	-0.0001776	-0.0014568	-0.0009024	-8.30E-05	-6.81E-04	-4.22E-04	-1.64E-04	-1.34E-03	-8.33E-04
2973	474669.83, 3848882.25	1.36856	11.32203	6.99647	-0.0001679	-0.0013894	-0.0008586	-7.85E-05	-6.49E-04	-4.01E-04	-1.55E-04	-1.28E-03	-7.93E-04
2974	474669.83, 3848907.25	1.30978	10.89808	6.73896	-0.0001607	-0.0013374	-0.000827	-7.51E-05	-6.25E-04	-3.87E-04	-1.48E-04	-1.23E-03	-7.63E-04
2975	474669.83, 3848932.25	1.39767	11.89911	7.34019	-0.0001715	-0.0014602	-0.0009008	-8.02E-05	-6.83E-04	-4.21E-04	-1.58E-04	-1.35E-03	-8.31E-04
2976	474669.83, 3848957.25	1.32579	11.33973	7.0906	-0.0001627	-0.0013916	-0.0008701	-7.60E-05	-6.50E-04	-4.07E-04	-1.50E-04	-1.28E-03	-8.03E-04
2977	474669.83, 3848982.25	1.24015	10.82253	6.79293	-0.0001522	-0.0013281	-0.0008336	-7.11E-05	-6.21E-04	-3.90E-04	-1.40E-04	-1.23E-03	-7.69E-04
2978	474694.83, 3848582.25	6.01385	30.83305	22.12171	-0.000738	-0.0037838	-0.0027147	-3.45E-04	-1.77E-03	-1.27E-03	-6.81E-04	-3.49E-03	-2.51E-03
2979	474694.83, 3848607.25	4.60778	25.89277	18.29632	-0.0005655	-0.0031775	-0.0022453	-2.64E-04	-1.49E-03	-1.05E-03	-5.22E-04	-2.93E-03	-2.07E-03
2980	474694.83, 3848632.25	3.74198	22.35303	15.72235	-0.0004592	-0.0027431	-0.0019294	-2.15E-04	-1.28E-03	-9.02E-04	-4.24E-04	-2.53E-03	-1.78E-03
2981	474694.83, 3848657.25	3.2019	19.94816	13.9564	-0.0003929	-0.002448	-0.0017127	-1.84E-04	-1.14E-03	-8.01E-04	-3.63E-04	-2.26E-03	-1.58E-03
2982	474694.83, 3848682.25	2.795	17.93986	12.54857	-0.000343	-0.0022015	-0.0015399	-1.60E-04	-1.03E-03	-7.20E-04	-3.17E-04	-2.03E-03	-1.42E-03
2983	474694.83, 3848707.25	2.49261	16.55017	11.46461	-0.0003059	-0.002031	-0.0014069	-1.43E-04	-9.49E-04	-6.58E-04	-2.82E-04	-1.87E-03	-1.30E-03
2984	474694.83, 3848732.25	2.26803	15.59313	10.61963	-0.0002783	-0.0019136	-0.0013032	-1.30E-04	-8.94E-04	-6.09E-04	-2.57E-04	-1.77E-03	-1.20E-03
2985	474694.83, 3848757.25	2.07434	14.78216	9.9078	-0.0002546	-0.001814	-0.0012159	-1.19E-04	-8.48E-04	-5.68E-04	-2.35E-04	-1.67E-03	-1.12E-03
2986	474694.83, 3848782.25	1.90861	14.11014	9.30326	-0.0002342	-0.0017316	-0.0011417	-1.09E-04	-8.09E-04	-5.34E-04	-2.16E-04	-1.60E-03	-1.05E-03
2987	474694.83, 3848807.25	1.76041	13.51582	8.74422	-0.000216	-0.0016586	-0.0010731	-1.01E-04	-7.75E-04	-5.02E-04	-1.99E-04	-1.53E-03	-9.91E-04
2988	474694.83, 3848832.25	1.63411	12.95903	8.10058	-0.0002005	-0.0015903	-0.0009941	-9.37E-05	-7.43E-04	-4.65E-04	-1.85E-04	-1.47E-03	-9.18E-04
2989	474694.83, 3848857.25	1.53251	12.43569	7.70881	-0.0001881	-0.0015261	-0.000946	-8.79E-05	-7.13E-04	-4.42E-04	-1.74E-04	-1.41E-03	-8.73E-04
2990	474694.83, 3848882.25	1.45962	11.99494	7.40202	-0.0001791	-0.001472	-0.0009084	-8.37E-05	-6.88E-04	-4.25E-04	-1.65E-04	-1.36E-03	-8.38E-04
2991	474694.83, 3848907.25	1.46782	12.24173	7.62143	-0.0001801	-0.0015023	-0.0009353	-8.42E-05	-7.02E-04	-4.37E-04	-1.66E-04	-1.39E-03	-8.63E-04
2992	474694.83, 3848932.25	1.43301	12.31712	7.57385	-0.0001759	-0.0015115	-0.0009295	-8.22E-05	-7.07E-04	-4.34E-04	-1.62E-04	-1.40E-03	-8.58E-04
2993	474694.83, 3848957.25	1.09372	9.26447	5.64129	-0.0001342	-0.0011369	-0.0006923	-6.27E-05	-5.31E-04	-3.24E-04	-1.24E-04	-1.05E-03	-6.39E-04
2994	474694.83, 3848982.25	0.93971	7.79223	4.88477	-0.0001153	-0.0009562	-0.0005995	-5.39E-05	-4.47E-04	-2.80E-04	-1.06E-04	-8.83E-04	-5.53E-04
2995	474694.83, 3849007.25	0.89867	7.45855	4.70139	-0.0001103	-0.0009153	-0.0005769	-5.15E-05	-4.28E-04	-2.70E-04	-1.02E-04	-8.45E-04	-5.33E-04
2996	474719.83, 3848607.25	5.79017	30.08742	21.54825	-0.0007106	-0.0036923	-0.0026444	-3.32E-04	-1.73E-03	-1.24E-03	-6.56E-04	-3.41E-03	-2.44E-03
2997	474719.83, 3848632.25	4.49014	25.45347	18.02182	-0.000551	-0.0031236	-0.0022116	-2.58E-04	-1.46E-03	-1.03E-03	-5.09E-04	-2.88E-03	-2.04E-03
2998	474719.83, 3848657.25	3.69732	22.21921	15.62938	-0.0004537	-0.0027267	-0.001918	-2.12E-04	-1.27E-03	-8.97E-04	-4.19E-04	-2.52E-03	-1.77E-03
2999	474719.83, 3848682.25	3.16212	19.77366	13.82607	-0.0003881	-0.0024266	-0.0016967	-1.81E-04	-1.13E-03	-7.93E-04	-3.58E-04	-2.24E-03	-1.57E-03
3000	474719.83, 3848707.25	2.77515	17.93736	12.52593	-0.0003406	-0.0022012	-0.0015372	-1.59E-04	-1.03E-03	-7.18E-04	-3.14E-04	-2.03E-03	-1.42E-03
3001	474719.83, 3848732.25	2.48519	16.63252	11.46481	-0.000305	-0.0020411	-0.0014069	-1.43E-04	-9.54E-04	-6.58E-04	-2.82E-04	-1.88E-03	-1.30E-03
3002	474719.83, 3848757.25	2.268	15.78209	10.62921	-0.0002783	-0.0019368	-0.0013044	-1.30E-04	-9.05E-04	-6.10E-04	-2.57E-04	-1.79E-03	-1.20E-03
3003	474719.83, 3848782.25	2.07027	14.95718	9.98116	-0.0002541	-0.0018355	-0.0012249	-1.19E-04	-8.58E-04	-5.73E-04	-2.35E-04	-1.69E-03	-1.13E-03
3004	474719.83, 3848807.25	1.9	14.28229	9.30913	-0.0002332	-0.0017527	-0.0011424	-1.09E-04	-8.19E-04	-5.34E-04	-2.15E-04	-1.62E-03	-1.05E-03
3005	474719.83, 3848832.25	1.76176	13.74188	8.73374	-0.0002162	-0.0016864	-0.0010718	-1.01E-04	-7.88E-04	-5.01E-04	-2.00E-04	-1.56E-03	-9.89E-04
3006	474719.83, 3848857.25	1.66436	13.35413	8.28964	-0.0002042	-0.0016388	-0.0010173	-9.55E-05	-7.66E-04	-4.75E-04	-1.89E-04	-1.51E-03	-9.39E-04
3007	474719.83, 3848882.25	1.62427	13.30847	8.21765	-0.0001993	-0.0016332	-0.0010085	-9.32E-05	-7.63E-04	-4.71E-04	-1.84E-04	-1.51E-03	-9.31E-04
3008	474719.83, 3848907.25	1.61808	13.54763	8.41522	-0.0001986	-0.0016625	-0.0010327	-9.28E-05	-7.77E-04	-4.83E-04	-1.83E-04	-1.53E-03	-9.53E-04
3009	474719.83, 3848932.25	1.39479	11.91129	7.28107	-0.0001712	-0.0014617	-0.0008935	-8.00E-05	-6.83E-04	-4.18E-04	-1.58E-04	-1.35E-03	-8.25E-04
3010	474719.83, 3848957.25	0.95897	7.7205	4.78496	-0.0001177	-0.0009474	-0.0005872	-5.50E-05	-4.43E-04	-2.74E-04	-1.09E-04	-8.75E-04	-5.42E-04
3011	474719.83, 3848982.25	0.7248	5.42823	3.54408	-8.895E-05	-0.0006661	-0.0004349	-4.16E-05	-3.11E-04	-2.03E-04	-8.21E-05	-6.15E-04	-4.01E-04
3012	474719.83, 3849007.25	0.69876	5.18212	3.45767	-8.575E-05	-0.0006359	-0.0004243	-4.01E-05	-2.97E-04	-1.98E-04	-7.92E-05	-5.87E-04	-3.92E-04
3013	474744.83, 3848632.25	5.68806	29.99014	21.48709	-0.000698	-0.0036803	-0.0026369	-3.26E-04	-1.72E-03	-1.23E-03	-6.44E-04	-3.40E-03	-2.43E-03
3014	474744.83, 3848657.25	4.42488	25.34271	17.93359	-0.000543	-0.00311	-0.0022008	-2.54E-04	-1.45E-03	-1.03E-03	-5.01E-04	-2.87E-03	-2.03E-03
3015	474744.83, 3848682.25	3.68418	22.29866	15.63278	-0.0004521	-0.0027365	-0.0019184	-2.11E-04	-1.28E-03	-8.97E-04	-4.17E-04	-2.53E-03	-1.77E-03
3016	474744.83, 3848707.25	3.1781	19.98398	13.93902	-0.00039	-0.0024524	-0.0017106	-1.82E-04	-1.15E-03	-8.00E-04	-3.60E-04	-2.26E-03	-1.58E-03
3017	474744.83, 3848732.25	2.80735	18.30513	12.69331	-0.0003445	-0.0022464	-0.0015577	-1.61E-04	-1.05E-03	-7.28E-04	-3.18E-04	-2.07E-03	-1.44E-03
3018	474744.83, 3848757.25	2.53256	17.20384	11.6964	-0.0003108	-0.0021112	-0.0014354	-1.45E-04	-9.87E-04	-6.71E-04	-2.87E-04	-1.95E-03	-1.32E-03
3019	474744.83, 3848782.25	2.28439	16.12767	10.84079	-0.0002803	-0.0019792	-0.0013304	-1.31E-04	-9.25E-04	-6.22E-04	-2.59E-04	-1.83E-03	-1.23E-03
3020	474744.83, 3848807.25	2.08308	15.31065	10.07303	-0.0002556	-0.0018789	-0.0012361	-1.19E-04	-8.78E-04	-5.78E-04	-2.36E-04	-1.73E-03	-1.14E-03
3021	474744.83, 3848832.25	1.9186	14.69672	9.47123	-0.0002354	-0.0018036	-0.0011623	-1.10E-04	-8.43E-04	-5.43E-04	-2.17E-04	-1.66E-03	-1.07E-03
3022	474744.83, 3848857.25	1.79949	14.25274	8.87927	-0.0002208	-0.0017491	-0.0010896	-1.03E-04	-8.18E-04	-5.09E-04	-2.04E-04	-1.61E-03	-1.01E-03
3023	474744.83, 3848882.25	1.74899	14.24005	8.84007	-0.0002146	-0.0017475	-0.0010848	-1.00E-04	-8.17E-04	-5.07E-04	-1.98E-04	-1.61E-03	-1.00E-03
3024	474744.83, 3848907.25	1.72412	14.35345	8.86708	-0.0002116	-0.0017614	-0.0010882	-9.89E-05	-8.23E-04	-5.09E-04	-1.95E-04	-1.63E-03	-1.00E-03
3025	474744.83, 3848932.25	1.61461	13.5943	8.33373	-0.0001981	-0.0016683	-0.0010227	-9.26E-05	-7.80E-04	-4.78E-04	-1.83E-04	-1.54E-03	-9.44E-04
3026	474744.83, 3848957.25	1.2024	10.02235	6.10592	-0.0001476	-0.0012299	-0.0007493	-6.90E-05	-5.75E-04	-3.50E-04	-1.36E-04	-1.14E-03	-6.92E-04
3027	474744.83, 3848982.25	0.79187	5.99086	3.85961	-9.718E-05	-0.0007352	-0.0004736	-4.54E-05	-3.44E-04	-2.21E-04	-8.97E-05	-6.79E-04	-4.37E-04
3028	474744.83, 3849007.25	0.63715	4.5097	3.06428	-7.819E-05	-0.0005534	-0.000376	-3.65E-05	-2.59E-04	-1.76E-04	-7.22E-05	-5.11E-04	-3.47E-04
3029	474744.83, 3849032.25	0.78246	6.06649	3.95503	-9.602E-05	-0.0007445	-0.0004854	-4.49E-05	-3.48E-04	-2.27E-04	-8.86E-05	-6.87E-04	-4.48E-04

3030	474769.83, 3848657.25	5.58748	29.86973	21.30735	-0.0006857	-0.0036656	-0.0026148	-3.20E-04	-1.71E-03	-1.22E-03	-6.33E-04	-3.38E-03	-2.41E-03
3031	474769.83, 3848682.25	4.49373	26.07976	18.36213	-0.0005515	-0.0032005	-0.0022534	-2.58E-04	-1.50E-03	-1.05E-03	-5.09E-04	-2.95E-03	-2.08E-03
3032	474769.83, 3848707.25	3.79516	23.2549	16.16482	-0.0004657	-0.0028538	-0.0019837	-2.18E-04	-1.33E-03	-9.27E-04	-4.30E-04	-2.63E-03	-1.83E-03
3033	474769.83, 3848732.25	3.23887	20.54639	14.31324	-0.0003975	-0.0025214	-0.0017565	-1.86E-04	-1.18E-03	-8.21E-04	-3.67E-04	-2.33E-03	-1.62E-03
3034	474769.83, 3848757.25	2.79108	18.38927	12.66526	-0.0003425	-0.0022567	-0.0015543	-1.60E-04	-1.05E-03	-7.26E-04	-3.16E-04	-2.08E-03	-1.43E-03
3035	474769.83, 3848782.25	2.49051	17.10662	11.58531	-0.0003056	-0.0020993	-0.0014217	-1.43E-04	-9.81E-04	-6.65E-04	-2.82E-04	-1.94E-03	-1.31E-03
3036	474769.83, 3848807.25	2.2638	16.23933	10.79791	-0.0002778	-0.0019929	-0.0013251	-1.30E-04	-9.31E-04	-6.19E-04	-2.56E-04	-1.84E-03	-1.22E-03
3037	474769.83, 3848832.25	2.06369	15.46017	10.031	-0.0002533	-0.0018972	-0.001231	-1.18E-04	-8.87E-04	-5.75E-04	-2.34E-04	-1.75E-03	-1.14E-03
3038	474769.83, 3848857.25	1.90882	14.85541	9.33474	-0.0002342	-0.001823	-0.0011455	-1.09E-04	-8.52E-04	-5.35E-04	-2.16E-04	-1.68E-03	-1.06E-03
3039	474769.83, 3848882.25	1.85129	14.88696	9.25269	-0.0002272	-0.0018269	-0.0011355	-1.06E-04	-8.54E-04	-5.31E-04	-2.10E-04	-1.69E-03	-1.05E-03
3040	474769.83, 3848907.25	1.8348	15.15782	9.33898	-0.0002252	-0.0018601	-0.0011461	-1.05E-04	-8.69E-04	-5.36E-04	-2.08E-04	-1.72E-03	-1.06E-03
3041	474769.83, 3848932.25	1.70427	14.25205	8.72906	-0.0002091	-0.001749	-0.0010712	-9.78E-05	-8.17E-04	-5.01E-04	-1.93E-04	-1.61E-03	-9.89E-04
3042	474769.83, 3848957.25	1.32334	11.12192	6.71144	-0.0001624	-0.0013649	-0.0008236	-7.59E-05	-6.38E-04	-3.85E-04	-1.50E-04	-1.26E-03	-7.60E-04
3043	474769.83, 3848982.25	0.88509	6.79249	4.31553	-0.0001086	-0.0008336	-0.0005296	-5.08E-05	-3.90E-04	-2.48E-04	-1.00E-04	-7.69E-04	-4.89E-04
3044	474769.83, 3849007.25	0.65115	4.56059	3.08183	-7.991E-05	-0.0005597	-0.0003782	-3.73E-05	-2.62E-04	-1.77E-04	-7.38E-05	-5.17E-04	-3.49E-04
3045	474769.83, 3849032.25	0.85095	6.62766	4.29584	-0.0001044	-0.0008133	-0.0005272	-4.88E-05	-3.80E-04	-2.46E-04	-9.64E-05	-7.51E-04	-4.87E-04
3046	474769.83, 3849057.25	1.12713	9.9374	6.24769	-0.0001383	-0.0012195	-0.0007667	-6.47E-05	-5.70E-04	-3.58E-04	-1.28E-04	-1.13E-03	-7.08E-04
3047	474794.83, 3848682.25	5.68155	30.94029	21.92675	-0.0006972	-0.0037969	-0.0026908	-3.26E-04	-1.77E-03	-1.26E-03	-6.44E-04	-3.50E-03	-2.48E-03
3048	474794.83, 3848707.25	4.55298	26.82378	18.85703	-0.0005587	-0.0032918	-0.0023141	-2.61E-04	-1.54E-03	-1.08E-03	-5.16E-04	-3.04E-03	-2.14E-03
3049	474794.83, 3848732.25	3.69645	22.75071	15.8123	-0.0004536	-0.0027919	-0.0019405	-2.12E-04	-1.30E-03	-9.07E-04	-4.19E-04	-2.58E-03	-1.79E-03
3050	474794.83, 3848757.25	3.15754	20.17515	13.97232	-0.0003875	-0.0024759	-0.0017147	-1.81E-04	-1.16E-03	-8.01E-04	-3.58E-04	-2.29E-03	-1.58E-03
3051	474794.83, 3848782.25	2.76781	18.47072	12.66021	-0.0003397	-0.0022667	-0.0015536	-1.59E-04	-1.06E-03	-7.26E-04	-3.14E-04	-2.09E-03	-1.43E-03
3052	474794.83, 3848807.25	2.49622	17.44375	11.82511	-0.0003063	-0.0021407	-0.0014512	-1.43E-04	-1.00E-03	-6.78E-04	-2.83E-04	-1.98E-03	-1.34E-03
3053	474794.83, 3848832.25	2.26249	16.553	10.8526	-0.0002776	-0.0020314	-0.0013318	-1.30E-04	-9.49E-04	-6.23E-04	-2.56E-04	-1.88E-03	-1.23E-03
3054	474794.83, 3848857.25	2.06886	15.80756	10.13289	-0.0002539	-0.0019399	-0.0012435	-1.19E-04	-9.07E-04	-5.81E-04	-2.34E-04	-1.79E-03	-1.15E-03
3055	474794.83, 3848882.25	1.95204	15.44545	9.62146	-0.0002396	-0.0018954	-0.0011807	-1.12E-04	-8.86E-04	-5.52E-04	-2.21E-04	-1.75E-03	-1.09E-03
3056	474794.83, 3848907.25	1.94231	15.8766	9.80507	-0.0002384	-0.0019483	-0.0012033	-1.11E-04	-9.11E-04	-5.62E-04	-2.20E-04	-1.80E-03	-1.11E-03
3057	474794.83, 3848932.25	1.8106	15.03843	9.22171	-0.0002222	-0.0018455	-0.0011317	-1.04E-04	-8.63E-04	-5.29E-04	-2.05E-04	-1.70E-03	-1.04E-03
3058	474794.83, 3848957.25	1.44516	12.15558	7.32525	-0.0001773	-0.0014917	-0.0008989	-8.29E-05	-6.97E-04	-4.20E-04	-1.64E-04	-1.38E-03	-8.30E-04
3059	474794.83, 3848982.25	1.07475	8.50992	5.34151	-0.0001319	-0.0010443	-0.0006555	-6.16E-05	-4.88E-04	-3.06E-04	-1.22E-04	-9.64E-04	-6.05E-04
3060	474794.83, 3849007.25	0.87876	6.62164	4.33345	-0.0001078	-0.0008126	-0.0005318	-5.04E-05	-3.80E-04	-2.49E-04	-9.95E-05	-7.50E-04	-4.91E-04
3061	474794.83, 3849032.25	0.9896	7.99767	5.03067	-0.0001214	-0.0009815	-0.0006174	-5.68E-05	-4.59E-04	-2.89E-04	-1.12E-04	-9.06E-04	-5.70E-04
3062	474794.83, 3849057.25	1.17518	10.27528	6.4542	-0.0001442	-0.001261	-0.000792	-6.74E-05	-5.89E-04	-3.70E-04	-1.33E-04	-1.16E-03	-7.31E-04
3063	474794.83, 3849082.25	1.25556	10.97537	6.78794	-0.0001541	-0.0013469	-0.000833	-7.20E-05	-6.30E-04	-3.89E-04	-1.42E-04	-1.24E-03	-7.69E-04
3064	474819.83, 3848707.25	5.59378	31.06537	21.88197	-0.0006865	-0.0038123	-0.0026853	-3.21E-04	-1.78E-03	-1.26E-03	-6.34E-04	-3.52E-03	-2.48E-03
3065	474819.83, 3848732.25	4.32624	25.59263	17.94811	-0.0005309	-0.0031407	-0.0022026	-2.48E-04	-1.47E-03	-1.03E-03	-4.90E-04	-2.90E-03	-2.03E-03
3066	474819.83, 3848757.25	3.64175	22.5633	15.69784	-0.0004469	-0.0027689	-0.0019264	-2.09E-04	-1.29E-03	-9.00E-04	-4.13E-04	-2.56E-03	-1.78E-03
3067	474819.83, 3848782.25	3.15458	20.44737	14.10719	-0.0003871	-0.0025093	-0.0017312	-1.81E-04	-1.17E-03	-8.09E-04	-3.57E-04	-2.32E-03	-1.60E-03
3068	474819.83, 3848807.25	2.79964	19.04583	12.99262	-0.0003436	-0.0023373	-0.0015944	-1.61E-04	-1.09E-03	-7.45E-04	-3.17E-04	-2.16E-03	-1.47E-03
3069	474819.83, 3848832.25	2.5004	17.85227	11.83191	-0.0003068	-0.0021908	-0.001452	-1.43E-04	-1.02E-03	-6.79E-04	-2.83E-04	-2.02E-03	-1.34E-03
3070	474819.83, 3848857.25	2.25559	16.87709	10.91412	-0.0002768	-0.0020711	-0.0013394	-1.29E-04	-9.68E-04	-6.26E-04	-2.56E-04	-1.91E-03	-1.24E-03
3071	474819.83, 3848882.25	2.08681	16.23961	10.13981	-0.0002561	-0.0019929	-0.0012443	-1.20E-04	-9.32E-04	-5.82E-04	-2.36E-04	-1.84E-03	-1.15E-03
3072	474819.83, 3848907.25	2.02603	16.30229	10.16358	-0.0002486	-0.0020006	-0.0012473	-1.16E-04	-9.35E-04	-5.83E-04	-2.30E-04	-1.85E-03	-1.15E-03
3073	474819.83, 3848932.25	1.94167	16.00423	9.80988	-0.0002383	-0.001964	-0.0012039	-1.11E-04	-9.18E-04	-5.63E-04	-2.20E-04	-1.81E-03	-1.11E-03
3074	474819.83, 3848957.25	1.66138	13.8037	8.43709	-0.0002039	-0.001694	-0.0010354	-9.53E-05	-7.92E-04	-4.84E-04	-1.88E-04	-1.56E-03	-9.56E-04
3075	474819.83, 3848982.25	1.29819	10.5816	6.57882	-0.0001593	-0.0012986	-0.0008073	-7.45E-05	-6.07E-04	-3.77E-04	-1.47E-04	-1.20E-03	-7.45E-04
3076	474819.83, 3849007.25	1.15078	9.30657	5.83098	-0.0001412	-0.0011421	-0.0007156	-6.60E-05	-5.34E-04	-3.34E-04	-1.30E-04	-1.05E-03	-6.61E-04
3077	474819.83, 3849032.25	1.33221	11.36146	7.01154	-0.0001635	-0.0013943	-0.0008604	-7.64E-05	-6.52E-04	-4.02E-04	-1.51E-04	-1.29E-03	-7.94E-04
3078	474819.83, 3849057.25	1.3452	11.54589	7.241	-0.0001651	-0.0014169	-0.0008886	-7.72E-05	-6.62E-04	-4.15E-04	-1.52E-04	-1.31E-03	-8.20E-04
3079	474819.83, 3849082.25	1.3029	11.30773	7.0186	-0.0001599	-0.0013877	-0.0008613	-7.47E-05	-6.49E-04	-4.03E-04	-1.48E-04	-1.28E-03	-7.95E-04
3080	474819.83, 3849107.25	1.13125	9.85738	6.06426	-0.0001388	-0.0012097	-0.0007442	-6.49E-05	-5.65E-04	-3.48E-04	-1.28E-04	-1.12E-03	-6.87E-04
3081	474844.83, 3848732.25	5.27982	29.58916	20.7611	-0.0006479	-0.0036311	-0.0025478	-3.03E-04	-1.70E-03	-1.19E-03	-5.98E-04	-3.35E-03	-2.35E-03
3082	474844.83, 3848757.25	4.28678	25.67682	17.92846	-0.0005261	-0.003151	-0.0022002	-2.46E-04	-1.47E-03	-1.03E-03	-4.86E-04	-2.91E-03	-2.03E-03
3083	474844.83, 3848782.25	3.61125	22.61053	15.75547	-0.0004432	-0.0027747	-0.0019335	-2.07E-04	-1.30E-03	-9.04E-04	-4.09E-04	-2.56E-03	-1.78E-03
3084	474844.83, 3848807.25	3.13575	20.68381	14.19777	-0.0003848	-0.0025383	-0.0017423	-1.80E-04	-1.19E-03	-8.14E-04	-3.55E-04	-2.34E-03	-1.61E-03
3085	474844.83, 3848832.25	2.76162	19.14713	12.94171	-0.0003389	-0.0023497	-0.0015882	-1.58E-04	-1.10E-03	-7.42E-04	-3.13E-04	-2.17E-03	-1.47E-03
3086	474844.83, 3848857.25	2.4665	17.98867	11.76389	-0.0003027	-0.0022075	-0.0014436	-1.41E-04	-1.03E-03	-6.75E-04	-2.79E-04	-2.04E-03	-1.33E-03
3087	474844.83, 3848882.25	2.25126	17.18488	10.83383	-0.0002763	-0.0021089	-0.0013295	-1.29E-04	-9.86E-04	-6.21E-04	-2.55E-04	-1.95E-03	-1.23E-03
3088	474844.83, 3848907.25	2.09334	16.49578	10.30756	-0.0002569	-0.0020243	-0.0012649	-1.20E-04	-9.46E-04	-5.91E-04	-2.37E-04	-1.87E-03	-1.17E-03
3089	474844.83, 3848932.25	2.03415	16.53875	10.19134	-0.0002496	-0.0020296	-0.0012507	-1.17E-04	-9.49E-04	-5.85E-04	-2.30E-04	-1.87E-03	-1.15E-03
3090	474844.83, 3848957.25	1.89765	15.62167	9.55634	-0.0002329	-0.0019171	-0.0011727	-1.09E-04	-8.96E-04	-5.48E-04	-2.15E-04	-1.77E-03	-1.08E-03
3091	474844.83, 3848982.25	1.57187	13.01242	8.0162	-0.0001929	-0.0015969	-0.0009837	-9.02E-05	-7.46E-04	-4.60E-04	-1.78E-04	-1.47E-03	-9.08E-04
3092	474844.83, 3849007.25	1.41329	11.84394	7.34671	-0.0001734	-0.0014535	-0.0009016	-8.11E-05	-6.79E-04	-4.21E-04	-1.60E-04	-1.34E-03	-8.32E-04
3093	474844.83, 3849032.25	1.53084	12.86885	7.99112	-0.0001879	-0.0015792	-0.0009807	-8.78E-05	-7.38E-04	-4.58E-04	-1.73E-04	-1.46E-03	-9.05E-04
3094	474844.83, 3849057.25	1.4533	12.40695	7.69874	-0.0001783	-0.0015226	-0.0009448	-8.34E-05	-7.12E-04	-4.42E-04	-1.65E-04	-1.41E-03	-8.72E-04
3095	474844.83, 3849082.25	1.32868	11.41148	7.09531	-0.0001631	-0.0014004	-0.0008707	-7.62E-05	-6.55E-04	-4.07E-04	-1.51E-04	-1.29E-03	-8.04E-04
3096	474844.83, 3849107.25	1.20434	10.4592	6.41561	-0.0001478	-0.0012835	-0.0007873	-6.91E-05	-6.00E-04	-3.68E-04	-1.36E-04	-1.18E-03	-7.27E-04
3097	474869.83, 3848757.25	5.2052	29.65584	20.86299	-0.0006388	-0.0036393	-0.0025603	-2.99E-04	-1.70E-03	-1.20E-03	-5.90E-04	-3.36E-03	-2.36E-03
3098	474869.83, 3848782.25	4.20526	25.42186	17.76306	-0.0005161	-0.0031197	-0.0021799	-2.41E-04	-1.46E-03	-1.02E-03	-4.76E-04	-2.88E-03	-2.01E-03
3099	474869.83, 3848807.25	3.54055	22.44719	15.558	-0.0004345	-0.0027547	-0.0019093	-2.03E-04	-1.29E-03	-8.92E-04	-4.01E-04	-2.54E-03	-1.76E-03
3100	474869.83, 3848832.25	3.08617	20.71142	14.1144	-0.0003787	-0.0025417	-0.0017321	-1.77E-04	-1.19E-03	-8.10E-04	-3.50E-04	-2.35E-03	-1.60E-03
3101	474869.83, 3848857.25	2.74581	19.46172	12.90383	-0.000337	-0.0023883	-0.0015835	-1.57E-04	-1.12E-03	-7.40E-04	-3.11E-04	-2.20E-03	-1.46E-03
3102	474869.83, 3848882.25	2.46013	18.36894	11.82498	-0.0003019	-0.0022542	-0.0014511	-1.41E-04	-1.05E-03	-6.78E-04	-2.79E-04	-2.08E-03	-1.34E-03
3103	474869.83, 3848907.25	2.25102	17.45456	10.92417	-0.0002762	-0.002142	-0.0013406	-1.29E-04	-1.00E-03	-6.27E-04	-2.55E-04	-1.98E-03	-1.24E-03
3104	474869.83, 3848932.25	2.12802	17.03386	10.49987	-0.0002611	-0.0020904	-0.0012885	-1.22E-04	-9.77E-04	-6.02E-04	-2.41E-04	-1.93E-03	-1.19E-03
3105	474869.83, 3848957.25	2.03348	16.59845	10.25777	-0.0002495	-0.0020369	-0.0012588	-1.17E-04	-9.52E-04	-5.88E-04	-2.30E-04	-1.88E-03	-1.16E-03
3106	474869.83, 3848982.25	1.88256	15.42217	9.49304	-0.000231	-0.0018926	-0.001165	-1.08E-04	-8.85E-04	-5.45E-04	-2.13E-04	-1.75E-03	-1.08E-03
3107	474869.83, 3849007.25	1.72567	14.20375	8.93529	-0.0002118	-0.0017431	-0.0010965	-9.90E-05	-8.15E-04	-5.13E-04	-1.95E-04	-1.61E-03	-1.01E-03
3108	474869.83, 3849032.25	1.63229	13.67834	8.49623	-0.0002003	-0.0016786	-0.0010426	-9.36E-05	-7.85E-04	-4.87E-04	-1.85E-04	-1.55E-03	-9.62E-04
3109	474869.83, 3849057.25	1.52244	12.921	7.99382	-0.0001868	-0.0015856	-0.000981	-8.73E-05	-7.41E-04	-4.59E-04	-1.72E-04	-1.46E-03	-9.06E-04
3110	474869.83, 3849082.25	1.41801	12.10974	7.53275	-0.000174	-0.0014861	-0.0009244	-8.13E-05	-6.95E-04	-4.32E-04	-1.61E-04	-1.37E-03	-8.53E-04
3111	474869.83, 3849107.25	1.30695	11.35522	6.92649	-0.0001604	-0.0013935	-0.00085	-7.50E-05	-6.51E-04	-3.97E-04	-1.48E-04	-1.29E-03	-7.85E-04

3112	474869.83, 3849132.25	1.16036	10.03477	6.24	-0.0001424	-0.0012314	-0.0007658	-6.66E-05	-5.76E-04	-3.58E-04	-1.31E-04	-1.14E-03	-7.07E-04
3113	474894.83, 3848757.25	6.85235	36.2762	25.8255	-0.0008409	-0.0044518	-0.0031693	-3.93E-04	-2.08E-03	-1.48E-03	-7.76E-04	-4.11E-03	-2.93E-03
3114	474894.83, 3848782.25	5.08474	29.36654	20.62406	-0.000624	-0.0036038	-0.0025309	-2.92E-04	-1.68E-03	-1.18E-03	-5.76E-04	-3.33E-03	-2.34E-03
3115	474894.83, 3848807.25	4.10827	25.02122	17.48261	-0.0005042	-0.0030706	-0.0021454	-2.36E-04	-1.44E-03	-1.00E-03	-4.65E-04	-2.83E-03	-1.98E-03
3116	474894.83, 3848832.25	3.49833	22.61496	15.5447	-0.0004293	-0.0027753	-0.0019076	-2.01E-04	-1.30E-03	-8.92E-04	-3.96E-04	-2.56E-03	-1.76E-03
3117	474894.83, 3848857.25	3.06838	21.10091	14.19273	-0.0003765	-0.0025895	-0.0017417	-1.76E-04	-1.21E-03	-8.14E-04	-3.48E-04	-2.39E-03	-1.61E-03
3118	474894.83, 3848882.25	2.7236	19.81445	12.95838	-0.0003342	-0.0024316	-0.0015902	-1.56E-04	-1.14E-03	-7.43E-04	-3.09E-04	-2.24E-03	-1.47E-03
3119	474894.83, 3848907.25	2.46111	18.7564	11.75193	-0.000302	-0.0023018	-0.0014422	-1.41E-04	-1.08E-03	-6.74E-04	-2.79E-04	-2.12E-03	-1.33E-03
3120	474894.83, 3848932.25	2.2762	17.95784	11.19016	-0.0002793	-0.0022038	-0.0013732	-1.31E-04	-1.03E-03	-6.42E-04	-2.58E-04	-2.03E-03	-1.27E-03
3121	474894.83, 3848957.25	2.12608	17.13457	10.55185	-0.0002609	-0.0021027	-0.0012949	-1.22E-04	-9.83E-04	-6.05E-04	-2.41E-04	-1.94E-03	-1.20E-03
3122	474894.83, 3848982.25	1.9943	16.25371	10.0531	-0.0002447	-0.0019946	-0.0012337	-1.14E-04	-9.32E-04	-5.77E-04	-2.26E-04	-1.84E-03	-1.14E-03
3123	474894.83, 3849007.25	1.8597	15.26694	9.5616	-0.0002282	-0.0018735	-0.0011734	-1.07E-04	-8.76E-04	-5.48E-04	-2.11E-04	-1.73E-03	-1.08E-03
3124	474894.83, 3849032.25	1.71413	14.30986	8.93011	-0.0002104	-0.0017561	-0.0010959	-9.83E-05	-8.21E-04	-5.12E-04	-1.94E-04	-1.62E-03	-1.01E-03
3125	474894.83, 3849057.25	1.59382	13.44335	8.29484	-0.0001956	-0.0016497	-0.0010179	-9.14E-05	-7.71E-04	-4.76E-04	-1.81E-04	-1.52E-03	-9.40E-04
3126	474894.83, 3849082.25	1.49481	12.67814	7.87127	-0.0001834	-0.0015558	-0.0009659	-8.57E-05	-7.27E-04	-4.51E-04	-1.69E-04	-1.44E-03	-8.92E-04
3127	474894.83, 3849107.25	1.39655	12.07962	7.35444	-0.0001714	-0.0014824	-0.0009025	-8.01E-05	-6.93E-04	-4.22E-04	-1.58E-04	-1.37E-03	-8.33E-04
3128	474894.83, 3849132.25	1.26633	10.95789	6.80587	-0.0001554	-0.0013447	-0.0008352	-7.26E-05	-6.29E-04	-3.90E-04	-1.43E-04	-1.24E-03	-7.71E-04
3129	474894.83, 3849157.25	1.08196	9.20214	5.75841	-0.0001328	-0.0011293	-0.0007067	-6.21E-05	-5.28E-04	-3.30E-04	-1.23E-04	-1.04E-03	-6.52E-04
3130	474919.83, 3848782.25	6.44552	34.63648	24.42937	-0.000791	-0.0042505	-0.0029979	-3.70E-04	-1.99E-03	-1.40E-03	-7.30E-04	-3.92E-03	-2.77E-03
3131	474919.83, 3848807.25	4.95333	28.94996	20.24094	-0.0006079	-0.0035527	-0.0024839	-2.84E-04	-1.66E-03	-1.16E-03	-5.61E-04	-3.28E-03	-2.29E-03
3132	474919.83, 3848832.25	4.06699	25.17286	17.45504	-0.0004991	-0.0030892	-0.0021421	-2.33E-04	-1.44E-03	-1.00E-03	-4.61E-04	-2.85E-03	-1.98E-03
3133	474919.83, 3848857.25	3.46921	23.00298	15.6866	-0.0004257	-0.0028229	-0.001925	-1.99E-04	-1.32E-03	-9.00E-04	-3.93E-04	-2.61E-03	-1.78E-03
3134	474919.83, 3848882.25	3.03155	21.37717	14.15251	-0.000372	-0.0026234	-0.0017368	-1.74E-04	-1.23E-03	-8.12E-04	-3.43E-04	-2.42E-03	-1.60E-03
3135	474919.83, 3848907.25	2.7006	20.12515	12.79581	-0.0003314	-0.0024697	-0.0015703	-1.55E-04	-1.15E-03	-7.34E-04	-3.06E-04	-2.28E-03	-1.45E-03
3136	474919.83, 3848932.25	2.45427	19.03435	11.90946	-0.0003012	-0.0023359	-0.0014615	-1.41E-04	-1.09E-03	-6.83E-04	-2.78E-04	-2.16E-03	-1.35E-03
3137	474919.83, 3848957.25	2.25837	17.95904	11.05154	-0.0002771	-0.0022039	-0.0013562	-1.30E-04	-1.03E-03	-6.34E-04	-2.56E-04	-2.03E-03	-1.25E-03
3138	474919.83, 3848982.25	2.09546	16.89481	10.43852	-0.0002572	-0.0020733	-0.001281	-1.20E-04	-9.69E-04	-5.99E-04	-2.37E-04	-1.91E-03	-1.18E-03
3139	474919.83, 3849007.25	1.94945	15.8444	9.87703	-0.0002392	-0.0019444	-0.0012121	-1.12E-04	-9.09E-04	-5.67E-04	-2.21E-04	-1.79E-03	-1.12E-03
3140	474919.83, 3849032.25	1.7865	14.76463	9.2684	-0.0002192	-0.0018119	-0.0011374	-1.02E-04	-8.47E-04	-5.32E-04	-2.02E-04	-1.67E-03	-1.05E-03
3141	474919.83, 3849057.25	1.65628	13.84896	8.50932	-0.0002033	-0.0016995	-0.0010442	-9.50E-05	-7.94E-04	-4.88E-04	-1.88E-04	-1.57E-03	-9.64E-04
3142	474919.83, 3849082.25	1.53833	12.93341	8.00636	-0.0001888	-0.0015872	-0.0009825	-8.82E-05	-7.42E-04	-4.59E-04	-1.74E-04	-1.47E-03	-9.07E-04
3143	474919.83, 3849107.25	1.43243	12.25773	7.44888	-0.0001758	-0.0015042	-0.0009141	-8.22E-05	-7.03E-04	-4.27E-04	-1.62E-04	-1.39E-03	-8.44E-04
3144	474919.83, 3849132.25	1.32179	11.35979	7.03341	-0.0001622	-0.0013941	-0.0008631	-7.58E-05	-6.52E-04	-4.03E-04	-1.50E-04	-1.29E-03	-7.97E-04
3145	474919.83, 3849157.25	1.15705	9.80326	6.15096	-0.000142	-0.001203	-0.0007548	-6.64E-05	-5.62E-04	-3.53E-04	-1.31E-04	-1.11E-03	-6.97E-04
3146	474919.83, 3849182.25	1.03792	8.628	5.38519	-0.0001274	-0.0010588	-0.0006609	-5.95E-05	-4.95E-04	-3.09E-04	-1.18E-04	-9.77E-04	-6.10E-04
3147	474944.83, 3848807.25	6.22604	34.07597	23.99078	-0.000764	-0.0041817	-0.0029441	-3.57E-04	-1.95E-03	-1.38E-03	-7.05E-04	-3.86E-03	-2.72E-03
3148	474944.83, 3848832.25	4.85613	28.70168	20.00206	-0.0005959	-0.0035222	-0.0024546	-2.79E-04	-1.65E-03	-1.15E-03	-5.50E-04	-3.25E-03	-2.27E-03
3149	474944.83, 3848857.25	4.0069	25.39292	17.41709	-0.0004917	-0.0031162	-0.0021374	-2.30E-04	-1.46E-03	-9.99E-04	-4.54E-04	-2.88E-03	-1.97E-03
3150	474944.83, 3848882.25	3.41692	23.22	15.5151	-0.0004193	-0.0028495	-0.001904	-1.96E-04	-1.33E-03	-8.90E-04	-3.87E-04	-2.63E-03	-1.76E-03
3151	474944.83, 3848907.25	2.99052	21.66088	14.05533	-0.000367	-0.0026582	-0.0017248	-1.72E-04	-1.24E-03	-8.06E-04	-3.39E-04	-2.45E-03	-1.59E-03
3152	474944.83, 3848932.25	2.66544	20.23983	12.69865	-0.0003271	-0.0024838	-0.0015584	-1.53E-04	-1.16E-03	-7.28E-04	-3.02E-04	-2.29E-03	-1.44E-03
3153	474944.83, 3848957.25	2.41929	18.94243	11.77776	-0.0002969	-0.0023246	-0.0014453	-1.39E-04	-1.09E-03	-6.76E-04	-2.74E-04	-2.15E-03	-1.33E-03
3154	474944.83, 3848982.25	2.22624	17.72292	10.92848	-0.0002732	-0.0021749	-0.0013411	-1.28E-04	-1.02E-03	-6.27E-04	-2.52E-04	-2.01E-03	-1.24E-03
3155	474944.83, 3849007.25	2.06088	16.60625	10.32363	-0.0002529	-0.0020379	-0.0012669	-1.18E-04	-9.53E-04	-5.92E-04	-2.33E-04	-1.88E-03	-1.17E-03
3156	474944.83, 3849032.25	1.886	15.4216	9.71749	-0.0002314	-0.0018925	-0.0011925	-1.08E-04	-8.85E-04	-5.57E-04	-2.14E-04	-1.75E-03	-1.10E-03
3157	474944.83, 3849057.25	1.74216	14.43823	8.92976	-0.0002138	-0.0017718	-0.0010958	-9.99E-05	-8.28E-04	-5.12E-04	-1.97E-04	-1.64E-03	-1.01E-03
3158	474944.83, 3849082.25	1.60842	13.40924	8.27552	-0.0001974	-0.0016456	-0.0010156	-9.23E-05	-7.69E-04	-4.75E-04	-1.82E-04	-1.52E-03	-9.37E-04
3159	474944.83, 3849107.25	1.48649	12.58935	7.6527	-0.0001824	-0.0015449	-0.0009391	-8.53E-05	-7.22E-04	-4.39E-04	-1.68E-04	-1.43E-03	-8.67E-04
3160	474944.83, 3849132.25	1.36963	11.66585	7.20142	-0.0001681	-0.0014316	-0.0008837	-7.86E-05	-6.69E-04	-4.13E-04	-1.55E-04	-1.32E-03	-8.16E-04
3161	474944.83, 3849157.25	1.23628	10.42653	6.54806	-0.0001517	-0.0012795	-0.0008036	-7.09E-05	-5.98E-04	-3.76E-04	-1.40E-04	-1.18E-03	-7.42E-04
3162	474944.83, 3849182.25	1.08826	8.9917	5.60613	-0.0001335	-0.0011034	-0.000688	-6.24E-05	-5.16E-04	-3.22E-04	-1.23E-04	-1.02E-03	-6.35E-04
3163	474944.83, 3849207.25	1.00482	8.34086	5.18036	-0.0001233	-0.0010236	-0.0006357	-5.76E-05	-4.78E-04	-2.97E-04	-1.14E-04	-9.45E-04	-5.87E-04
3164	474969.83, 3848832.25	6.05153	33.66984	23.66853	-0.0007426	-0.0041319	-0.0029046	-3.47E-04	-1.93E-03	-1.36E-03	-6.86E-04	-3.81E-03	-2.68E-03
3165	474969.83, 3848857.25	4.72932	28.29499	19.7229	-0.0005804	-0.0034723	-0.0024204	-2.71E-04	-1.62E-03	-1.13E-03	-5.36E-04	-3.21E-03	-2.23E-03
3166	474969.83, 3848882.25	3.90591	25.38684	17.33334	-0.0004793	-0.0031154	-0.0021271	-2.24E-04	-1.46E-03	-9.94E-04	-4.42E-04	-2.88E-03	-1.96E-03
3167	474969.83, 3848907.25	3.33414	23.25697	15.36495	-0.0004092	-0.0028541	-0.0018856	-1.91E-04	-1.33E-03	-8.81E-04	-3.78E-04	-2.63E-03	-1.74E-03
3168	474969.83, 3848932.25	2.91856	21.57607	13.61086	-0.0003582	-0.0026478	-0.0016703	-1.67E-04	-1.24E-03	-7.81E-04	-3.31E-04	-2.44E-03	-1.54E-03
3169	474969.83, 3848957.25	2.60923	20.04044	12.4889	-0.0003202	-0.0024593	-0.0015326	-1.50E-04	-1.15E-03	-7.16E-04	-2.96E-04	-2.27E-03	-1.41E-03
3170	474969.83, 3848982.25	2.37863	18.67791	11.47431	-0.0002919	-0.0022921	-0.0014081	-1.36E-04	-1.07E-03	-6.58E-04	-2.69E-04	-2.12E-03	-1.30E-03
3171	474969.83, 3849007.25	2.19616	17.51415	10.83835	-0.0002695	-0.0021493	-0.0013301	-1.26E-04	-1.00E-03	-6.22E-04	-2.49E-04	-1.98E-03	-1.23E-03
3172	474969.83, 3849032.25	1.99883	16.14268	10.17104	-0.0002453	-0.001981	-0.0012482	-1.15E-04	-9.26E-04	-5.83E-04	-2.26E-04	-1.83E-03	-1.15E-03
3173	474969.83, 3849057.25	1.83772	15.07358	9.35608	-0.0002255	-0.0018498	-0.0011482	-1.05E-04	-8.65E-04	-5.37E-04	-2.08E-04	-1.71E-03	-1.06E-03
3174	474969.83, 3849082.25	1.69012	13.96633	8.64182	-0.0002074	-0.0017139	-0.0010605	-9.69E-05	-8.01E-04	-4.96E-04	-1.91E-04	-1.58E-03	-9.79E-04
3175	474969.83, 3849107.25	1.54458	12.93055	7.88096	-0.0001895	-0.0015868	-0.0009671	-8.86E-05	-7.42E-04	-4.52E-04	-1.75E-04	-1.46E-03	-8.93E-04
3176	474969.83, 3849132.25	1.4008	11.80046	7.25395	-0.0001719	-0.0014481	-0.0008902	-8.03E-05	-6.77E-04	-4.16E-04	-1.59E-04	-1.34E-03	-8.22E-04
3177	474969.83, 3849157.25	1.27716	10.68544	6.70448	-0.0001567	-0.0013113	-0.0008228	-7.33E-05	-6.13E-04	-3.85E-04	-1.45E-04	-1.21E-03	-7.59E-04
3178	474969.83, 3849182.25	1.15141	9.47102	5.89854	-0.0001413	-0.0011623	-0.0007239	-6.60E-05	-5.43E-04	-3.38E-04	-1.30E-04	-1.07E-03	-6.68E-04
3179	474969.83, 3849207.25	1.05487	8.6973	5.42452	-0.0001295	-0.0010673	-0.0006657	-6.05E-05	-4.99E-04	-3.11E-04	-1.19E-04	-9.85E-04	-6.14E-04
3180	474994.83, 3848857.25	5.99093	33.86027	23.73415	-0.0007352	-0.0041553	-0.0029126	-3.44E-04	-1.94E-03	-1.36E-03	-6.79E-04	-3.84E-03	-2.69E-03
3181	474994.83, 3848882.25	4.54675	27.85731	19.15197	-0.000558	-0.0034186	-0.0023503	-2.61E-04	-1.60E-03	-1.10E-03	-5.15E-04	-3.16E-03	-2.17E-03
3182	474994.83, 3848907.25	3.7656	25.01749	16.74647	-0.0004621	-0.0030701	-0.0020551	-2.16E-04	-1.44E-03	-9.61E-04	-4.27E-04	-2.83E-03	-1.90E-03
3183	474994.83, 3848932.25	3.22256	23.00753	14.80747	-0.0003955	-0.0028234	-0.0018171	-1.85E-04	-1.32E-03	-8.49E-04	-3.65E-04	-2.61E-03	-1.68E-03
3184	474994.83, 3848957.25	2.84315	21.32767	13.38525	-0.0003489	-0.0026173	-0.0016426	-1.63E-04	-1.22E-03	-7.68E-04	-3.22E-04	-2.42E-03	-1.52E-03
3185	474994.83, 3848982.25	2.58109	19.97099	12.3721	-0.0003167	-0.0024508	-0.0015183	-1.48E-04	-1.15E-03	-7.10E-04	-2.92E-04	-2.26E-03	-1.40E-03
3186	474994.83, 3849007.25	2.37792	18.75599	11.60462	-0.0002918	-0.0023017	-0.0014241	-1.36E-04	-1.08E-03	-6.66E-04	-2.69E-04	-2.12E-03	-1.31E-03
3187	474994.83, 3849032.25	2.1177	16.84303	10.59852	-0.0002599	-0.0020669	-0.0013006	-1.21E-04	-9.66E-04	-6.08E-04	-2.40E-04	-1.91E-03	-1.20E-03
3188	474994.83, 3849057.25	1.92572	15.58504	9.70561	-0.0002363	-0.0019126	-0.0011911	-1.10E-04	-8.94E-04	-5.57E-04	-2.18E-04	-1.77E-03	-1.10E-03
3189	474994.83, 3849082.25	1.77659	14.52997	9.00928	-0.000218	-0.0017831	-0.0011056	-1.02E-04	-8.33E-04	-5.17E-04	-2.01E-04	-1.65E-03	-1.02E-03
3190	474994.83, 3849107.25	1.61592	13.3767	8.16248	-0.0001983	-0.0016416	-0.0010017	-9.27E-05	-7.67E-04	-4.68E-04	-1.83E-04	-1.52E-03	-9.25E-04
3191	474994.83, 3849132.25	1.44659	12.05716	7.37827	-0.0001775	-0.0014796	-0.0009054	-8.30E-05	-6.92E-04	-4.23E-04	-1.64E-04	-1.37E-03	-8.36E-04
3192	474994.83, 3849157.25	1.33548	11.08791	6.95195	-0.0001639	-0.0013607	-0.0008531	-7.66E-05	-6.36E-04	-3.99E-04	-1.51E-04	-1.26E-03	-7.88E-04
3193	474994.83, 3849182.25	1.21193	9.91467	6.17631	-0.0001487	-0.0012167	-0.0007579	-6.95E-05	-5.69E-04	-3.54E-04	-1.37E-04	-1.12E-03	-7.00E-04

3194	474994.83, 3849207.25	1.10358	9.03617	5.6532	-0.0001354	-0.0011089	-0.0006938	-6.33E-05	-5.18E-04	-3.24E-04	-1.25E-04	-1.02E-03	-6.40E-04
3195	474994.83, 3849232.25	1.02134	8.41019	5.23483	-0.0001253	-0.0010321	-0.0006424	-5.86E-05	-4.82E-04	-3.00E-04	-1.16E-04	-9.53E-04	-5.93E-04
3196	475019.83, 3848882.25	5.49903	31.27186	22.04138	-0.0006748	-0.0038376	-0.0027049	-3.15E-04	-1.79E-03	-1.26E-03	-6.23E-04	-3.54E-03	-2.50E-03
3197	475019.83, 3848907.25	4.3601	27.41993	18.9029	-0.0005351	-0.0033649	-0.0023197	-2.50E-04	-1.57E-03	-1.08E-03	-4.94E-04	-3.11E-03	-2.14E-03
3198	475019.83, 3848932.25	3.61053	24.64581	16.16246	-0.0004431	-0.0030245	-0.0019834	-2.07E-04	-1.41E-03	-9.27E-04	-4.09E-04	-2.79E-03	-1.83E-03
3199	475019.83, 3848957.25	3.12756	22.76104	14.40282	-0.0003838	-0.0027932	-0.0017675	-1.79E-04	-1.31E-03	-8.26E-04	-3.54E-04	-2.58E-03	-1.63E-03
3200	475019.83, 3848982.25	2.80512	21.27119	13.23037	-0.0003442	-0.0026104	-0.0016236	-1.61E-04	-1.22E-03	-7.59E-04	-3.18E-04	-2.41E-03	-1.50E-03
3201	475019.83, 3849007.25	2.55856	19.85598	12.28124	-0.000314	-0.0024367	-0.0015071	-1.47E-04	-1.14E-03	-7.04E-04	-2.90E-04	-2.25E-03	-1.39E-03
3202	475019.83, 3849032.25	2.26795	17.77577	11.14789	-0.0002783	-0.0021814	-0.0013681	-1.30E-04	-1.02E-03	-6.39E-04	-2.57E-04	-2.01E-03	-1.26E-03
3203	475019.83, 3849057.25	2.01582	16.04918	10.05402	-0.0002474	-0.0019695	-0.0012338	-1.16E-04	-9.21E-04	-5.77E-04	-2.28E-04	-1.82E-03	-1.14E-03
3204	475019.83, 3849082.25	1.83193	14.75201	9.14974	-0.0002248	-0.0018103	-0.0011228	-1.05E-04	-8.46E-04	-5.25E-04	-2.08E-04	-1.67E-03	-1.04E-03
3205	475019.83, 3849107.25	1.67056	13.6428	8.38945	-0.000205	-0.0016742	-0.0010295	-9.58E-05	-7.83E-04	-4.81E-04	-1.89E-04	-1.55E-03	-9.50E-04
3206	475019.83, 3849132.25	1.52114	12.56242	7.65793	-0.0001867	-0.0015416	-0.0009398	-8.73E-05	-7.21E-04	-4.39E-04	-1.72E-04	-1.42E-03	-8.67E-04
3207	475019.83, 3849157.25	1.41365	11.6533	7.31138	-0.0001735	-0.0014301	-0.0008972	-8.11E-05	-6.68E-04	-4.19E-04	-1.60E-04	-1.32E-03	-8.28E-04
3208	475019.83, 3849182.25	1.27504	10.36743	6.48604	-0.0001565	-0.0012723	-0.000796	-7.31E-05	-5.95E-04	-3.72E-04	-1.44E-04	-1.17E-03	-7.35E-04
3209	475019.83, 3849207.25	1.1515	9.36248	5.86299	-0.0001413	-0.0011489	-0.0007195	-6.61E-05	-5.37E-04	-3.36E-04	-1.30E-04	-1.06E-03	-6.64E-04
3210	475019.83, 3849232.25	1.06103	8.66646	5.41993	-0.0001302	-0.0010635	-0.0006651	-6.09E-05	-4.97E-04	-3.11E-04	-1.20E-04	-9.82E-04	-6.14E-04
3211	475019.83, 3849257.25	0.99282	8.20869	5.09394	-0.0001218	-0.0010074	-0.0006251	-5.69E-05	-4.71E-04	-2.92E-04	-1.12E-04	-9.30E-04	-5.77E-04
3212	475044.83, 3848907.25	5.21463	30.45559	20.99561	-0.0006399	-0.0037375	-0.0025765	-2.99E-04	-1.75E-03	-1.20E-03	-5.91E-04	-3.45E-03	-2.38E-03
3213	475044.83, 3848932.25	4.14401	26.70278	18.13681	-0.0005085	-0.0032769	-0.0022257	-2.38E-04	-1.53E-03	-1.04E-03	-4.69E-04	-3.02E-03	-2.05E-03
3214	475044.83, 3848957.25	3.46796	24.25099	15.55213	-0.0004256	-0.002976	-0.0019085	-1.99E-04	-1.39E-03	-8.92E-04	-3.93E-04	-2.75E-03	-1.76E-03
3215	475044.83, 3848982.25	3.00563	22.09684	13.75003	-0.0003688	-0.0027117	-0.0016874	-1.72E-04	-1.27E-03	-7.89E-04	-3.40E-04	-2.50E-03	-1.56E-03
3216	475044.83, 3849007.25	2.67111	20.16759	12.51974	-0.0003278	-0.0024749	-0.0015364	-1.53E-04	-1.16E-03	-7.18E-04	-3.03E-04	-2.28E-03	-1.42E-03
3217	475044.83, 3849032.25	2.37608	18.2405	11.42233	-0.0002916	-0.0022384	-0.0014017	-1.36E-04	-1.05E-03	-6.55E-04	-2.69E-04	-2.07E-03	-1.29E-03
3218	475044.83, 3849057.25	2.10729	16.45954	10.42146	-0.0002586	-0.0020199	-0.0012789	-1.21E-04	-9.44E-04	-5.98E-04	-2.39E-04	-1.86E-03	-1.18E-03
3219	475044.83, 3849082.25	1.87871	14.86708	9.31771	-0.0002306	-0.0018245	-0.0011435	-1.08E-04	-8.53E-04	-5.34E-04	-2.13E-04	-1.68E-03	-1.06E-03
3220	475044.83, 3849107.25	1.71497	13.78532	8.5723	-0.0002105	-0.0016917	-0.001052	-9.84E-05	-7.91E-04	-4.92E-04	-1.94E-04	-1.56E-03	-9.71E-04
3221	475044.83, 3849132.25	1.59826	13.0658	7.96582	-0.0001961	-0.0016034	-0.0009776	-9.17E-05	-7.49E-04	-4.57E-04	-1.81E-04	-1.48E-03	-9.02E-04
3222	475044.83, 3849157.25	1.46764	11.98032	7.53289	-0.0001801	-0.0014702	-0.0009244	-8.42E-05	-6.87E-04	-4.32E-04	-1.66E-04	-1.36E-03	-8.53E-04
3223	475044.83, 3849182.25	1.32969	10.73426	6.75163	-0.0001632	-0.0013173	-0.0008285	-7.63E-05	-6.16E-04	-3.87E-04	-1.51E-04	-1.22E-03	-7.65E-04
3224	475044.83, 3849207.25	1.20102	9.68999	6.08086	-0.0001474	-0.0011891	-0.0007462	-6.89E-05	-5.56E-04	-3.49E-04	-1.36E-04	-1.10E-03	-6.89E-04
3225	475044.83, 3849232.25	1.10544	8.95725	5.62744	-0.0001357	-0.0010992	-0.0006906	-6.34E-05	-5.14E-04	-3.23E-04	-1.25E-04	-1.01E-03	-6.37E-04
3226	475044.83, 3849257.25	1.0324	8.46667	5.28159	-0.0001267	-0.001039	-0.0006481	-5.92E-05	-4.86E-04	-3.03E-04	-1.17E-04	-9.59E-04	-5.98E-04
3227	475044.83, 3849282.25	0.96523	7.96846	4.93753	-0.0001185	-0.0009779	-0.0006059	-5.54E-05	-4.57E-04	-2.83E-04	-1.09E-04	-9.03E-04	-5.59E-04
3228	475069.83, 3848932.25	4.91369	29.54418	20.60783	-0.000603	-0.0036256	-0.002529	-2.82E-04	-1.69E-03	-1.18E-03	-5.57E-04	-3.35E-03	-2.33E-03
3229	475069.83, 3848957.25	3.93939	26.17355	17.24677	-0.0004834	-0.003212	-0.0021165	-2.26E-04	-1.50E-03	-9.89E-04	-4.46E-04	-2.96E-03	-1.95E-03
3230	475069.83, 3848982.25	3.29819	23.42589	14.76558	-0.0004047	-0.0028748	-0.001812	-1.89E-04	-1.34E-03	-8.47E-04	-3.74E-04	-2.65E-03	-1.67E-03
3231	475069.83, 3849007.25	2.84194	20.89382	12.9795	-0.0003488	-0.0025641	-0.0015928	-1.63E-04	-1.20E-03	-7.45E-04	-3.22E-04	-2.37E-03	-1.47E-03
3232	475069.83, 3849032.25	2.4817	18.62315	11.75229	-0.0003046	-0.0022854	-0.0014422	-1.42E-04	-1.07E-03	-6.74E-04	-2.81E-04	-2.11E-03	-1.33E-03
3233	475069.83, 3849057.25	2.1982	16.84592	10.70914	-0.0002698	-0.0020673	-0.0013142	-1.26E-04	-9.66E-04	-6.14E-04	-2.49E-04	-1.91E-03	-1.21E-03
3234	475069.83, 3849082.25	1.95849	15.24659	9.65763	-0.0002403	-0.001871	-0.0011852	-1.12E-04	-8.75E-04	-5.54E-04	-2.22E-04	-1.73E-03	-1.09E-03
3235	475069.83, 3849107.25	1.77134	14.01324	8.74764	-0.0002174	-0.0017197	-0.0010735	-1.02E-04	-8.04E-04	-5.02E-04	-2.01E-04	-1.59E-03	-9.91E-04
3236	475069.83, 3849132.25	1.62542	13.09866	7.99314	-0.0001995	-0.0016074	-0.0009809	-9.32E-05	-7.51E-04	-4.58E-04	-1.84E-04	-1.48E-03	-9.05E-04
3237	475069.83, 3849157.25	1.48741	12.01137	7.54173	-0.0001825	-0.001474	-0.0009255	-8.53E-05	-6.89E-04	-4.33E-04	-1.68E-04	-1.36E-03	-8.54E-04
3238	475069.83, 3849182.25	1.37055	10.97179	6.92684	-0.0001682	-0.0013464	-0.0008501	-7.86E-05	-6.29E-04	-3.97E-04	-1.55E-04	-1.24E-03	-7.85E-04
3239	475069.83, 3849207.25	1.24817	9.98275	6.28041	-0.0001532	-0.0012251	-0.0007707	-7.16E-05	-5.73E-04	-3.60E-04	-1.41E-04	-1.13E-03	-7.11E-04
3240	475069.83, 3849232.25	1.15131	9.25872	5.83494	-0.0001413	-0.0011362	-0.0007161	-6.60E-05	-5.31E-04	-3.35E-04	-1.30E-04	-1.05E-03	-6.61E-04
3241	475069.83, 3849257.25	1.07406	8.73381	5.4773	-0.0001318	-0.0010718	-0.0006722	-6.16E-05	-5.01E-04	-3.14E-04	-1.22E-04	-9.89E-04	-6.20E-04
3242	475069.83, 3849282.25	1.00006	8.18526	5.0935	-0.0001227	-0.0010045	-0.0006251	-5.74E-05	-4.70E-04	-2.92E-04	-1.13E-04	-9.27E-04	-5.77E-04
3243	475069.83, 3849307.25	0.93916	7.70873	4.74836	-0.0001153	-0.000946	-0.0005827	-5.39E-05	-4.42E-04	-2.72E-04	-1.06E-04	-8.73E-04	-5.38E-04
3244	475094.83, 3848932.25	6.21874	34.08082	23.91764	-0.0007632	-0.0041823	-0.0029351	-3.57E-04	-1.95E-03	-1.37E-03	-7.04E-04	-3.86E-03	-2.71E-03
3245	475094.83, 3848957.25	4.64892	28.92965	19.72673	-0.0005705	-0.0035502	-0.0024208	-2.67E-04	-1.66E-03	-1.13E-03	-5.27E-04	-3.28E-03	-2.23E-03
3246	475094.83, 3848982.25	3.78095	25.7989	16.67727	-0.000464	-0.003166	-0.0020466	-2.17E-04	-1.48E-03	-9.57E-04	-4.28E-04	-2.92E-03	-1.89E-03
3247	475094.83, 3849007.25	3.16287	22.63876	14.17287	-0.0003881	-0.0027782	-0.0017393	-1.81E-04	-1.30E-03	-8.13E-04	-3.58E-04	-2.56E-03	-1.61E-03
3248	475094.83, 3849032.25	2.70752	19.90244	12.59387	-0.0003323	-0.0024424	-0.0015455	-1.55E-04	-1.14E-03	-7.22E-04	-3.07E-04	-2.25E-03	-1.43E-03
3249	475094.83, 3849057.25	2.35536	17.73968	11.30168	-0.000289	-0.002177	-0.0013869	-1.35E-04	-1.02E-03	-6.48E-04	-2.67E-04	-2.01E-03	-1.28E-03
3250	475094.83, 3849082.25	2.09408	16.06293	10.19055	-0.000257	-0.0019712	-0.0012506	-1.20E-04	-9.21E-04	-5.85E-04	-2.37E-04	-1.82E-03	-1.15E-03
3251	475094.83, 3849107.25	1.88249	14.68113	9.16822	-0.000231	-0.0018016	-0.0011251	-1.08E-04	-8.42E-04	-5.26E-04	-2.13E-04	-1.66E-03	-1.04E-03
3252	475094.83, 3849132.25	1.69755	13.50711	8.24359	-0.0002083	-0.0016576	-0.0010116	-9.74E-05	-7.75E-04	-4.73E-04	-1.92E-04	-1.53E-03	-9.34E-04
3253	475094.83, 3849157.25	1.53096	12.23342	7.66567	-0.0001879	-0.0015013	-0.0009407	-8.78E-05	-7.02E-04	-4.40E-04	-1.73E-04	-1.39E-03	-8.68E-04
3254	475094.83, 3849182.25	1.44518	11.4796	7.26848	-0.0001774	-0.0014088	-0.000892	-8.29E-05	-6.58E-04	-4.17E-04	-1.64E-04	-1.30E-03	-8.23E-04
3255	475094.83, 3849207.25	1.31765	10.45277	6.61018	-0.0001617	-0.0012827	-0.0008112	-7.56E-05	-6.00E-04	-3.79E-04	-1.49E-04	-1.18E-03	-7.49E-04
3256	475094.83, 3849232.25	1.20445	9.61198	6.07257	-0.0001478	-0.0011796	-0.0007452	-6.91E-05	-5.51E-04	-3.48E-04	-1.36E-04	-1.09E-03	-6.88E-04
3257	475094.83, 3849257.25	1.11462	8.99345	5.64901	-0.0001368	-0.0011037	-0.0006932	-6.39E-05	-5.16E-04	-3.24E-04	-1.26E-04	-1.02E-03	-6.40E-04
3258	475094.83, 3849282.25	1.03645	8.41703	5.25473	-0.0001272	-0.0010329	-0.0006449	-5.95E-05	-4.83E-04	-3.01E-04	-1.17E-04	-9.53E-04	-5.95E-04
3259	475094.83, 3849307.25	0.97277	7.92805	4.89343	-0.0001194	-0.0009729	-0.0006005	-5.58E-05	-4.55E-04	-2.81E-04	-1.10E-04	-8.98E-04	-5.54E-04
3260	475119.83, 3848957.25	5.81575	33.26748	23.27512	-0.0007137	-0.0040825	-0.0028563	-3.34E-04	-1.91E-03	-1.34E-03	-6.59E-04	-3.77E-03	-2.64E-03
3261	475119.83, 3848982.25	4.37698	28.24495	18.49027	-0.0005371	-0.0034662	-0.0022691	-2.51E-04	-1.62E-03	-1.06E-03	-4.96E-04	-3.20E-03	-2.09E-03
3262	475119.83, 3849007.25	3.56912	24.69437	15.69622	-0.000438	-0.0030305	-0.0019262	-2.05E-04	-1.42E-03	-9.00E-04	-4.04E-04	-2.80E-03	-1.78E-03
3263	475119.83, 3849032.25	3.02005	21.69251	13.8276	-0.0003706	-0.0026621	-0.0016969	-1.73E-04	-1.24E-03	-7.93E-04	-3.42E-04	-2.46E-03	-1.57E-03
3264	475119.83, 3849057.25	2.59111	19.17155	12.23437	-0.000318	-0.0023527	-0.0015014	-1.49E-04	-1.10E-03	-7.02E-04	-2.94E-04	-2.17E-03	-1.39E-03
3265	475119.83, 3849082.25	2.2895	17.33007	10.98783	-0.000281	-0.0021267	-0.0013484	-1.31E-04	-9.94E-04	-6.30E-04	-2.59E-04	-1.96E-03	-1.24E-03
3266	475119.83, 3849107.25	2.03819	15.68141	9.80815	-0.0002501	-0.0019244	-0.0012036	-1.17E-04	-8.99E-04	-5.63E-04	-2.31E-04	-1.78E-03	-1.11E-03
3267	475119.83, 3849132.25	1.81289	14.25713	8.71958	-0.0002225	-0.0017496	-0.0010701	-1.04E-04	-8.18E-04	-5.00E-04	-2.05E-04	-1.62E-03	-9.88E-04
3268	475119.83, 3849157.25	1.62962	12.9061	8.07404	-0.0002	-0.0015838	-0.0009908	-9.35E-05	-7.40E-04	-4.63E-04	-1.85E-04	-1.46E-03	-9.15E-04
3269	475119.83, 3849182.25	1.52914	12.04486	7.63943	-0.0001877	-0.0014781	-0.0009375	-8.77E-05	-6.91E-04	-4.38E-04	-1.73E-04	-1.36E-03	-8.65E-04
3270	475119.83, 3849207.25	1.40222	11.04021	7.02064	-0.0001721	-0.0013548	-0.0008616	-8.04E-05	-6.33E-04	-4.03E-04	-1.59E-04	-1.25E-03	-7.95E-04
3271	475119.83, 3849232.25	1.27734	10.12497	6.41349	-0.0001568	-0.0012425	-0.0007871	-7.33E-05	-5.81E-04	-3.68E-04	-1.45E-04	-1.15E-03	-7.27E-04
3272	475119.83, 3849257.25	1.16831	9.35797	5.88655	-0.0001434	-0.0011484	-0.0007224	-6.70E-05	-5.37E-04	-3.38E-04	-1.32E-04	-1.06E-03	-6.67E-04
3273	475119.83, 3849282.25	1.07553	8.66622	5.42664	-0.000132	-0.0010635	-0.0006659	-6.17E-05	-4.97E-04	-3.11E-04	-1.22E-04	-9.82E-04	-6.15E-04
3274	475119.83, 3849307.25	1.00314	8.10982	5.02163	-0.0001231	-0.0009952	-0.0006162	-5.75E-05	-4.65E-04	-2.88E-04	-1.14E-04	-9.19E-04	-5.69E-04
3275	475119.83, 3849332.25	0.94083	7.64949	4.69591	-0.0001155	-0.0009387	-0.0005763	-5.40E-05	-4.39E-04	-2.69E-04	-1.07E-04	-8.67E-04	-5.32E-04

3276	475144.83, 3848982.25	5.23486	31.36963	21.11168	-0.0006424	-0.0038496	-0.0025908	-3.00E-04	-1.80E-03	-1.21E-03	-5.93E-04	-3.55E-03	-2.39E-03
3277	475144.83, 3849007.25	4.10253	27.18373	17.5458	-0.0005035	-0.0033359	-0.0021532	-2.35E-04	-1.56E-03	-1.01E-03	-4.65E-04	-3.08E-03	-1.99E-03
3278	475144.83, 3849032.25	3.46003	24.17756	15.43174	-0.0004246	-0.002967	-0.0018938	-1.98E-04	-1.39E-03	-8.85E-04	-3.92E-04	-2.74E-03	-1.75E-03
3279	475144.83, 3849057.25	2.90586	21.07811	13.51969	-0.0003566	-0.0025867	-0.0016591	-1.67E-04	-1.21E-03	-7.75E-04	-3.29E-04	-2.39E-03	-1.53E-03
3280	475144.83, 3849082.25	2.50105	18.62582	11.80888	-0.0003069	-0.0022857	-0.0014492	-1.43E-04	-1.07E-03	-6.77E-04	-2.83E-04	-2.11E-03	-1.34E-03
3281	475144.83, 3849107.25	2.17528	16.47041	10.38286	-0.0002669	-0.0020212	-0.0012742	-1.25E-04	-9.45E-04	-5.96E-04	-2.46E-04	-1.87E-03	-1.18E-03
3282	475144.83, 3849132.25	1.92094	14.9163	9.19424	-0.0002357	-0.0018305	-0.0011283	-1.10E-04	-8.56E-04	-5.27E-04	-2.18E-04	-1.69E-03	-1.04E-03
3283	475144.83, 3849157.25	1.76763	13.87294	8.66382	-0.0002169	-0.0017025	-0.0010632	-1.01E-04	-7.96E-04	-4.97E-04	-2.00E-04	-1.57E-03	-9.81E-04
3284	475144.83, 3849182.25	1.60431	12.51799	7.91897	-0.0001969	-0.0015362	-0.0009718	-9.20E-05	-7.18E-04	-4.54E-04	-1.82E-04	-1.42E-03	-8.97E-04
3285	475144.83, 3849207.25	1.48868	11.62011	7.41617	-0.0001827	-0.001426	-0.0009101	-8.54E-05	-6.67E-04	-4.25E-04	-1.69E-04	-1.32E-03	-8.40E-04
3286	475144.83, 3849232.25	1.37234	10.81622	6.87033	-0.0001684	-0.0013273	-0.0008431	-7.87E-05	-6.20E-04	-3.94E-04	-1.55E-04	-1.23E-03	-7.78E-04
3287	475144.83, 3849257.25	1.24427	9.90568	6.24421	-0.0001527	-0.0012156	-0.0007663	-7.14E-05	-5.68E-04	-3.58E-04	-1.41E-04	-1.12E-03	-7.07E-04
3288	475144.83, 3849282.25	1.12137	8.96408	5.63116	-0.0001376	-0.0011001	-0.000691	-6.43E-05	-5.14E-04	-3.23E-04	-1.27E-04	-1.02E-03	-6.38E-04
3289	475144.83, 3849307.25	1.03375	8.28479	5.14815	-0.0001269	-0.0010167	-0.0006318	-5.93E-05	-4.75E-04	-2.95E-04	-1.17E-04	-9.38E-04	-5.83E-04
3290	475144.83, 3849332.25	0.96602	7.78686	4.79595	-0.0001185	-0.0009556	-0.0005886	-5.54E-05	-4.47E-04	-2.75E-04	-1.09E-04	-8.82E-04	-5.43E-04
3291	475169.83, 3849007.25	4.82594	30.14896	19.7922	-0.0005922	-0.0036998	-0.0024289	-2.77E-04	-1.73E-03	-1.14E-03	-5.47E-04	-3.42E-03	-2.24E-03
3292	475169.83, 3849032.25	4.0154	27.09763	17.51383	-0.0004928	-0.0033254	-0.0021493	-2.30E-04	-1.55E-03	-1.00E-03	-4.55E-04	-3.07E-03	-1.98E-03
3293	475169.83, 3849057.25	3.23613	22.86084	14.82171	-0.0003971	-0.0028054	-0.0018189	-1.86E-04	-1.31E-03	-8.50E-04	-3.67E-04	-2.59E-03	-1.68E-03
3294	475169.83, 3849082.25	2.716	19.82211	12.6543	-0.0003333	-0.0024325	-0.0015529	-1.56E-04	-1.14E-03	-7.26E-04	-3.08E-04	-2.25E-03	-1.43E-03
3295	475169.83, 3849107.25	2.34066	17.41936	11.12065	-0.0002872	-0.0021377	-0.0013647	-1.34E-04	-9.99E-04	-6.38E-04	-2.65E-04	-1.97E-03	-1.26E-03
3296	475169.83, 3849132.25	2.06827	15.85354	9.8367	-0.0002538	-0.0019455	-0.0012071	-1.19E-04	-9.09E-04	-5.64E-04	-2.34E-04	-1.80E-03	-1.11E-03
3297	475169.83, 3849157.25	1.90901	14.82787	9.2263	-0.0002343	-0.0018197	-0.0011322	-1.10E-04	-8.51E-04	-5.29E-04	-2.16E-04	-1.68E-03	-1.05E-03
3298	475169.83, 3849182.25	1.70243	13.15287	8.3015	-0.0002089	-0.0016141	-0.0010187	-9.77E-05	-7.54E-04	-4.76E-04	-1.93E-04	-1.49E-03	-9.40E-04
3299	475169.83, 3849207.25	1.58796	12.2823	7.87251	-0.0001949	-0.0015073	-0.0009661	-9.11E-05	-7.05E-04	-4.52E-04	-1.80E-04	-1.39E-03	-8.92E-04
3300	475169.83, 3849232.25	1.46146	11.43285	7.28343	-0.0001793	-0.001403	-0.0008938	-8.38E-05	-6.56E-04	-4.18E-04	-1.66E-04	-1.30E-03	-8.25E-04
3301	475169.83, 3849257.25	1.31088	10.35235	6.54722	-0.0001609	-0.0012704	-0.0008035	-7.52E-05	-5.94E-04	-3.76E-04	-1.48E-04	-1.17E-03	-7.42E-04
3302	475169.83, 3849282.25	1.17306	9.30065	5.86356	-0.000144	-0.0011414	-0.0007196	-6.73E-05	-5.33E-04	-3.36E-04	-1.33E-04	-1.05E-03	-6.64E-04
3303	475169.83, 3849307.25	1.07265	8.52328	5.3071	-0.0001316	-0.001046	-0.0006513	-6.15E-05	-4.89E-04	-3.04E-04	-1.22E-04	-9.66E-04	-6.01E-04
3304	475169.83, 3849332.25	0.99676	7.96494	4.9309	-0.0001223	-0.0009774	-0.0006051	-5.72E-05	-4.57E-04	-2.83E-04	-1.13E-04	-9.02E-04	-5.59E-04
3305	475194.83, 3849007.25	6.16905	35.49929	24.49048	-0.0007571	-0.0043564	-0.0030054	-3.54E-04	-2.04E-03	-1.40E-03	-6.99E-04	-4.02E-03	-2.77E-03
3306	475194.83, 3849032.25	4.54667	29.14485	19.17243	-0.000558	-0.0035766	-0.0023528	-2.61E-04	-1.67E-03	-1.10E-03	-5.15E-04	-3.30E-03	-2.17E-03
3307	475194.83, 3849057.25	3.62894	24.80169	16.1718	-0.0004453	-0.0030436	-0.0019846	-2.08E-04	-1.42E-03	-9.28E-04	-4.11E-04	-2.81E-03	-1.83E-03
3308	475194.83, 3849082.25	3.0036	21.44064	13.85794	-0.0003686	-0.0026312	-0.0017006	-1.72E-04	-1.23E-03	-7.95E-04	-3.40E-04	-2.43E-03	-1.57E-03
3309	475194.83, 3849107.25	2.55744	18.70688	11.97274	-0.0003138	-0.0022957	-0.0014693	-1.47E-04	-1.07E-03	-6.87E-04	-2.90E-04	-2.12E-03	-1.36E-03
3310	475194.83, 3849132.25	2.23846	16.91316	10.50417	-0.0002747	-0.0020756	-0.0012891	-1.28E-04	-9.70E-04	-6.03E-04	-2.54E-04	-1.92E-03	-1.19E-03
3311	475194.83, 3849157.25	2.03179	15.5849	9.68963	-0.0002493	-0.0019126	-0.0011891	-1.17E-04	-8.94E-04	-5.56E-04	-2.30E-04	-1.77E-03	-1.10E-03
3312	475194.83, 3849182.25	1.8152	13.87704	8.78224	-0.0002228	-0.001703	-0.0010777	-1.04E-04	-7.96E-04	-5.04E-04	-2.06E-04	-1.57E-03	-9.95E-04
3313	475194.83, 3849207.25	1.67073	12.78081	8.20917	-0.000205	-0.0015684	-0.0010074	-9.58E-05	-7.33E-04	-4.71E-04	-1.89E-04	-1.45E-03	-9.30E-04
3314	475194.83, 3849232.25	1.52989	11.84316	7.58378	-0.0001877	-0.0014534	-0.0009307	-8.78E-05	-6.79E-04	-4.35E-04	-1.73E-04	-1.34E-03	-8.59E-04
3315	475194.83, 3849257.25	1.37893	10.79239	6.85965	-0.0001692	-0.0013244	-0.0008418	-7.91E-05	-6.19E-04	-3.93E-04	-1.56E-04	-1.22E-03	-7.77E-04
3316	475194.83, 3849282.25	1.23512	9.71355	6.14843	-0.0001516	-0.001192	-0.0007545	-7.08E-05	-5.57E-04	-3.53E-04	-1.40E-04	-1.10E-03	-6.96E-04
3317	475194.83, 3849307.25	1.1142	8.77379	5.46927	-0.0001367	-0.0010767	-0.0006712	-6.39E-05	-5.03E-04	-3.14E-04	-1.26E-04	-9.94E-04	-6.20E-04
3318	475194.83, 3849332.25	1.03437	8.19374	5.09928	-0.0001269	-0.0010055	-0.0006258	-5.93E-05	-4.70E-04	-2.92E-04	-1.17E-04	-9.28E-04	-5.78E-04
3319	475194.83, 3849357.25	0.96622	7.7256	4.77171	-0.0001186	-0.0009481	-0.0005856	-5.54E-05	-4.43E-04	-2.74E-04	-1.09E-04	-8.75E-04	-5.41E-04
3320	475219.83, 3849032.25	5.52916	33.27352	22.65144	-0.0006785	-0.0040833	-0.0027797	-3.17E-04	-1.91E-03	-1.30E-03	-6.26E-04	-3.77E-03	-2.57E-03
3321	475219.83, 3849057.25	4.20716	27.65805	18.26279	-0.0005163	-0.0033941	-0.0022412	-2.41E-04	-1.59E-03	-1.05E-03	-4.77E-04	-3.13E-03	-2.07E-03
3322	475219.83, 3849082.25	3.36925	23.4243	15.29059	-0.0004135	-0.0028746	-0.0018764	-1.93E-04	-1.34E-03	-8.77E-04	-3.82E-04	-2.65E-03	-1.73E-03
3323	475219.83, 3849107.25	2.80466	20.11745	12.9669	-0.0003442	-0.0024688	-0.0015913	-1.61E-04	-1.15E-03	-7.44E-04	-3.18E-04	-2.28E-03	-1.47E-03
3324	475219.83, 3849132.25	2.41526	17.94912	11.22794	-0.0002964	-0.0022027	-0.0013779	-1.39E-04	-1.03E-03	-6.44E-04	-2.74E-04	-2.03E-03	-1.27E-03
3325	475219.83, 3849157.25	2.13983	16.1845	10.07594	-0.0002626	-0.0019861	-0.0012365	-1.23E-04	-9.28E-04	-5.78E-04	-2.42E-04	-1.83E-03	-1.14E-03
3326	475219.83, 3849182.25	1.91899	14.50405	9.17462	-0.0002355	-0.0017799	-0.0011259	-1.10E-04	-8.32E-04	-5.26E-04	-2.17E-04	-1.64E-03	-1.04E-03
3327	475219.83, 3849207.25	1.73836	13.12804	8.45338	-0.0002133	-0.0016111	-0.0010374	-9.97E-05	-7.53E-04	-4.85E-04	-1.97E-04	-1.49E-03	-9.58E-04
3328	475219.83, 3849232.25	1.59788	12.22078	7.87521	-0.0001961	-0.0014997	-0.0009664	-9.17E-05	-7.01E-04	-4.52E-04	-1.81E-04	-1.38E-03	-8.92E-04
3329	475219.83, 3849257.25	1.46236	11.34509	7.24912	-0.0001795	-0.0013923	-0.0008896	-8.39E-05	-6.51E-04	-4.16E-04	-1.66E-04	-1.29E-03	-8.21E-04
3330	475219.83, 3849282.25	1.30024	10.13561	6.43182	-0.0001596	-0.0012438	-0.0007893	-7.46E-05	-5.81E-04	-3.69E-04	-1.47E-04	-1.15E-03	-7.29E-04
3331	475219.83, 3849307.25	1.16289	9.07372	5.66621	-0.0001427	-0.0011135	-0.0006953	-6.67E-05	-5.20E-04	-3.25E-04	-1.32E-04	-1.03E-03	-6.42E-04
3332	475219.83, 3849332.25	1.07472	8.43532	5.27418	-0.0001319	-0.0010352	-0.0006472	-6.16E-05	-4.84E-04	-3.03E-04	-1.22E-04	-9.56E-04	-5.97E-04
3333	475219.83, 3849357.25	0.99852	7.91016	4.89152	-0.0001225	-0.0009707	-0.0006003	-5.73E-05	-4.54E-04	-2.81E-04	-1.13E-04	-8.96E-04	-5.54E-04
3334	475244.83, 3849032.25	7.42031	41.08041	28.577	-0.0009106	-0.0050413	-0.0035069	-4.26E-04	-2.36E-03	-1.64E-03	-8.41E-04	-4.65E-03	-3.24E-03
3335	475244.83, 3849057.25	4.84974	30.14965	20.51602	-0.0005952	-0.0036999	-0.0025177	-2.78E-04	-1.73E-03	-1.18E-03	-5.49E-04	-3.42E-03	-2.32E-03
3336	475244.83, 3849082.25	3.76586	25.27914	16.78891	-0.0004621	-0.0031022	-0.0020603	-2.16E-04	-1.45E-03	-9.63E-04	-4.27E-04	-2.86E-03	-1.90E-03
3337	475244.83, 3849107.25	3.09975	21.72353	14.01828	-0.0003804	-0.0026659	-0.0017203	-1.78E-04	-1.25E-03	-8.04E-04	-3.51E-04	-2.46E-03	-1.59E-03
3338	475244.83, 3849132.25	2.61324	19.05536	11.98866	-0.0003207	-0.0023384	-0.0014712	-1.50E-04	-1.09E-03	-6.88E-04	-2.96E-04	-2.16E-03	-1.36E-03
3339	475244.83, 3849157.25	2.26108	16.84185	10.61928	-0.0002775	-0.0020668	-0.0013032	-1.30E-04	-9.66E-04	-6.09E-04	-2.56E-04	-1.91E-03	-1.20E-03
3340	475244.83, 3849182.25	2.00183	14.94301	9.45444	-0.0002457	-0.0018338	-0.0011602	-1.15E-04	-8.57E-04	-5.42E-04	-2.27E-04	-1.69E-03	-1.07E-03
3341	475244.83, 3849207.25	1.80813	13.50644	8.65774	-0.0002219	-0.0016575	-0.0010625	-1.04E-04	-7.75E-04	-4.97E-04	-2.05E-04	-1.53E-03	-9.81E-04
3342	475244.83, 3849232.25	1.65687	12.48683	8.05906	-0.0002033	-0.0015324	-0.000989	-9.50E-05	-7.16E-04	-4.62E-04	-1.88E-04	-1.41E-03	-9.13E-04
3343	475244.83, 3849257.25	1.51149	11.5734	7.41928	-0.0001855	-0.0014203	-0.0009105	-8.67E-05	-6.64E-04	-4.26E-04	-1.71E-04	-1.31E-03	-8.40E-04
3344	475244.83, 3849282.25	1.34779	10.38498	6.58721	-0.0001654	-0.0012744	-0.0008084	-7.73E-05	-5.96E-04	-3.78E-04	-1.53E-04	-1.18E-03	-7.46E-04
3345	475244.83, 3849307.25	1.20973	9.3424	5.87617	-0.0001485	-0.0011465	-0.0007211	-6.94E-05	-5.36E-04	-3.37E-04	-1.37E-04	-1.06E-03	-6.66E-04
3346	475244.83, 3849332.25	1.1081	8.60331	5.40355	-0.000136	-0.0010558	-0.0006631	-6.36E-05	-4.93E-04	-3.10E-04	-1.26E-04	-9.75E-04	-6.12E-04
3347	475244.83, 3849357.25	1.02736	8.05374	5.02153	-0.0001261	-0.0009883	-0.0006162	-5.89E-05	-4.62E-04	-2.88E-04	-1.16E-04	-9.12E-04	-5.69E-04
3348	475269.83, 3849057.25	6.02015	34.82597	24.04659	-0.0007388	-0.0042738	-0.002951	-3.45E-04	-2.00E-03	-1.38E-03	-6.82E-04	-3.95E-03	-2.72E-03
3349	475269.83, 3849082.25	4.35097	27.98482	18.86257	-0.0005339	-0.0034342	-0.0023148	-2.50E-04	-1.61E-03	-1.08E-03	-4.93E-04	-3.17E-03	-2.14E-03
3350	475269.83, 3849107.25	3.44181	23.44133	15.26512	-0.0004224	-0.0028767	-0.0018733	-1.97E-04	-1.34E-03	-8.76E-04	-3.90E-04	-2.66E-03	-1.73E-03
3351	475269.83, 3849132.25	2.85335	20.35924	12.9232	-0.0003502	-0.0024985	-0.0015859	-1.64E-04	-1.17E-03	-7.41E-04	-3.23E-04	-2.31E-03	-1.46E-03
3352	475269.83, 3849157.25	2.41981	17.72848	11.24679	-0.000297	-0.0021756	-0.0013802	-1.39E-04	-1.02E-03	-6.45E-04	-2.74E-04	-2.01E-03	-1.27E-03
3353	475269.83, 3849182.25	2.10437	15.49674	9.81308	-0.0002582	-0.0019017	-0.0012042	-1.21E-04	-8.89E-04	-5.63E-04	-2.38E-04	-1.76E-03	-1.11E-03
3354	475269.83, 3849207.25	1.87388	13.83252	8.86893	-0.00023	-0.0016975	-0.0010884	-1.07E-04	-7.93E-04	-5.09E-04	-2.12E-04	-1.57E-03	-1.00E-03
3355	475269.83, 3849232.25	1.69587	12.56107	8.15195	-0.0002081	-0.0015415	-0.0010004	-9.73E-05	-7.21E-04	-4.68E-04	-1.92E-04	-1.42E-03	-9.23E-04
3356	475269.83, 3849257.25	1.5371	11.57517	7.4516	-0.0001886	-0.0014205	-0.0009144	-8.82E-05	-6.64E-04	-4.27E-04	-1.74E-04	-1.31E-03	-8.44E-04
3357	475269.83, 3849282.25	1.37667	10.45429	6.65341	-0.0001689	-0.0012829	-0.0008165	-7.90E-05	-6.00E-04	-3.82E-04	-1.56E-04	-1.18E-03	-7.54E-04

3358	475269.83, 3849307.25	1.23702	9.42699	5.96152	-0.0001518	-0.0011569	-0.0007316	-7.10E-05	-5.41E-04	-3.42E-04	-1.40E-04	-1.07E-03	-6.75E-04
3359	475269.83, 3849332.25	1.13712	8.72128	5.5134	-0.0001395	-0.0010703	-0.0006766	-6.52E-05	-5.00E-04	-3.16E-04	-1.29E-04	-9.88E-04	-6.25E-04
3360	475269.83, 3849357.25	1.05514	8.17766	5.15759	-0.0001295	-0.0010035	-0.0006329	-6.05E-05	-4.69E-04	-2.96E-04	-1.20E-04	-9.26E-04	-5.84E-04
3361	475294.83, 3849082.25	5.11086	31.0475	20.94415	-0.0006272	-0.0038101	-0.0025702	-2.93E-04	-1.78E-03	-1.20E-03	-5.79E-04	-3.52E-03	-2.37E-03
3362	475294.83, 3849107.25	3.82501	25.11254	16.5996	-0.0004694	-0.0030818	-0.0020371	-2.19E-04	-1.44E-03	-9.52E-04	-4.33E-04	-2.84E-03	-1.88E-03
3363	475294.83, 3849132.25	3.1364	21.80751	13.91218	-0.0003849	-0.0026762	-0.0017073	-1.80E-04	-1.25E-03	-7.98E-04	-3.55E-04	-2.47E-03	-1.58E-03
3364	475294.83, 3849157.25	2.60749	18.74275	11.85877	-0.00032	-0.0023001	-0.0014553	-1.50E-04	-1.08E-03	-6.80E-04	-2.95E-04	-2.12E-03	-1.34E-03
3365	475294.83, 3849182.25	2.2444	16.27948	10.44632	-0.0002754	-0.0019978	-0.001282	-1.29E-04	-9.34E-04	-5.99E-04	-2.54E-04	-1.84E-03	-1.18E-03
3366	475294.83, 3849207.25	1.96946	14.3548	9.1828	-0.0002417	-0.0017616	-0.0011269	-1.13E-04	-8.23E-04	-5.27E-04	-2.23E-04	-1.63E-03	-1.04E-03
3367	475294.83, 3849232.25	1.7574	12.79602	8.34208	-0.0002157	-0.0015703	-0.0010237	-1.01E-04	-7.34E-04	-4.79E-04	-1.99E-04	-1.45E-03	-9.45E-04
3368	475294.83, 3849257.25	1.57803	11.68217	7.56209	-0.0001937	-0.0014336	-0.000928	-9.05E-05	-6.70E-04	-4.34E-04	-1.79E-04	-1.32E-03	-8.57E-04
3369	475294.83, 3849282.25	1.41169	10.55665	6.80865	-0.0001732	-0.0012955	-0.0008355	-8.10E-05	-6.06E-04	-3.91E-04	-1.60E-04	-1.20E-03	-7.71E-04
3370	475294.83, 3849307.25	1.28187	9.64454	6.15289	-0.0001573	-0.0011836	-0.0007551	-7.35E-05	-5.53E-04	-3.53E-04	-1.45E-04	-1.09E-03	-6.97E-04
3371	475294.83, 3849332.25	1.17237	8.87936	5.64842	-0.0001439	-0.0010897	-0.0006932	-6.72E-05	-5.09E-04	-3.24E-04	-1.33E-04	-1.01E-03	-6.40E-04
3372	475294.83, 3849357.25	1.08491	8.30777	5.26976	-0.0001331	-0.0010195	-0.0006467	-6.22E-05	-4.77E-04	-3.02E-04	-1.23E-04	-9.41E-04	-5.97E-04
3373	475294.83, 3849382.25	1.01165	7.83881	4.92148	-0.0001241	-0.000962	-0.000604	-5.80E-05	-4.50E-04	-2.82E-04	-1.15E-04	-8.88E-04	-5.58E-04
3374	475319.83, 3849082.25	6.13164	34.37625	23.84599	-0.0007525	-0.0042186	-0.0029263	-3.52E-04	-1.97E-03	-1.37E-03	-6.95E-04	-3.89E-03	-2.70E-03
3375	475319.83, 3849107.25	4.37746	27.4348	18.60884	-0.0005372	-0.0033668	-0.0022836	-2.51E-04	-1.57E-03	-1.07E-03	-4.96E-04	-3.11E-03	-2.11E-03
3376	475319.83, 3849132.25	3.44488	23.20231	15.0232	-0.0004227	-0.0028473	-0.0018436	-1.98E-04	-1.33E-03	-8.62E-04	-3.90E-04	-2.63E-03	-1.70E-03
3377	475319.83, 3849157.25	2.86062	20.11685	12.71157	-0.0003511	-0.0024687	-0.0015599	-1.64E-04	-1.15E-03	-7.29E-04	-3.24E-04	-2.28E-03	-1.44E-03
3378	475319.83, 3849182.25	2.42047	17.25837	11.01931	-0.000297	-0.0021179	-0.0013523	-1.39E-04	-9.90E-04	-6.32E-04	-2.74E-04	-1.96E-03	-1.25E-03
3379	475319.83, 3849207.25	2.10743	15.15449	9.69511	-0.0002586	-0.0018597	-0.0011898	-1.21E-04	-8.69E-04	-5.56E-04	-2.39E-04	-1.72E-03	-1.10E-03
3380	475319.83, 3849232.25	1.88052	13.47205	8.89132	-0.0002308	-0.0016533	-0.0010911	-1.08E-04	-7.73E-04	-5.10E-04	-2.13E-04	-1.53E-03	-1.01E-03
3381	475319.83, 3849257.25	1.69031	12.3445	8.08102	-0.0002074	-0.0015149	-0.0009917	-9.70E-05	-7.08E-04	-4.64E-04	-1.91E-04	-1.40E-03	-9.15E-04
3382	475319.83, 3849282.25	1.50318	11.10269	7.23296	-0.0001845	-0.0013625	-0.0008876	-8.62E-05	-6.37E-04	-4.15E-04	-1.70E-04	-1.26E-03	-8.19E-04
3383	475319.83, 3849307.25	1.35282	10.05936	6.51557	-0.000166	-0.0012345	-0.0007996	-7.76E-05	-5.77E-04	-3.74E-04	-1.53E-04	-1.14E-03	-7.38E-04
3384	475319.83, 3849332.25	1.21579	9.09001	5.8254	-0.0001492	-0.0011155	-0.0007149	-6.97E-05	-5.21E-04	-3.34E-04	-1.38E-04	-1.03E-03	-6.60E-04
3385	475319.83, 3849357.25	1.11676	8.44305	5.38678	-0.000137	-0.0010361	-0.0006611	-6.41E-05	-4.84E-04	-3.09E-04	-1.27E-04	-9.56E-04	-6.10E-04
3386	475319.83, 3849382.25	1.04007	7.96716	5.04647	-0.0001276	-0.0009777	-0.0006193	-5.97E-05	-4.57E-04	-2.89E-04	-1.18E-04	-9.03E-04	-5.72E-04
3387	475344.83, 3849107.25	5.26889	31.25229	21.64698	-0.0006466	-0.0038352	-0.0026565	-3.02E-04	-1.79E-03	-1.24E-03	-5.97E-04	-3.54E-03	-2.45E-03
3388	475344.83, 3849132.25	3.87592	25.1245	16.4672	-0.0004756	-0.0030832	-0.0020208	-2.22E-04	-1.44E-03	-9.45E-04	-4.39E-04	-2.85E-03	-1.87E-03
3389	475344.83, 3849157.25	3.17827	21.77848	14.02124	-0.00039	-0.0026726	-0.0017207	-1.82E-04	-1.25E-03	-8.04E-04	-3.60E-04	-2.47E-03	-1.59E-03
3390	475344.83, 3849182.25	2.63783	18.44934	11.83185	-0.0003237	-0.0022641	-0.001452	-1.51E-04	-1.06E-03	-6.79E-04	-2.99E-04	-2.09E-03	-1.34E-03
3391	475344.83, 3849207.25	2.27113	16.08553	10.4633	-0.0002787	-0.001974	-0.001284	-1.30E-04	-9.23E-04	-6.00E-04	-2.57E-04	-1.82E-03	-1.19E-03
3392	475344.83, 3849232.25	2.02741	14.34395	9.56268	-0.0002488	-0.0017603	-0.0011735	-1.16E-04	-8.23E-04	-5.49E-04	-2.30E-04	-1.62E-03	-1.08E-03
3393	475344.83, 3849257.25	1.83851	13.25475	8.78102	-0.0002256	-0.0016266	-0.0010776	-1.05E-04	-7.60E-04	-5.04E-04	-2.08E-04	-1.50E-03	-9.95E-04
3394	475344.83, 3849282.25	1.64292	12.00702	7.83163	-0.0002016	-0.0014735	-0.0009611	-9.42E-05	-6.89E-04	-4.49E-04	-1.86E-04	-1.36E-03	-8.87E-04
3395	475344.83, 3849307.25	1.42604	10.46594	6.80063	-0.000175	-0.0012844	-0.0008346	-8.18E-05	-6.00E-04	-3.90E-04	-1.62E-04	-1.19E-03	-7.70E-04
3396	475344.83, 3849332.25	1.25824	9.27287	5.97914	-0.0001544	-0.001138	-0.0007337	-7.22E-05	-5.32E-04	-3.43E-04	-1.43E-04	-1.05E-03	-6.77E-04
3397	475344.83, 3849357.25	1.14785	8.55704	5.51762	-0.0001409	-0.0010501	-0.0006771	-6.58E-05	-4.91E-04	-3.16E-04	-1.30E-04	-9.69E-04	-6.25E-04
3398	475344.83, 3849382.25	1.06692	8.06786	5.16236	-0.0001309	-0.0009901	-0.0006335	-6.12E-05	-4.63E-04	-2.96E-04	-1.21E-04	-9.14E-04	-5.85E-04
3399	475369.83, 3849107.25	6.28573	34.61823	24.87487	-0.0007714	-0.0042483	-0.0030526	-3.61E-04	-1.99E-03	-1.43E-03	-7.12E-04	-3.92E-03	-2.82E-03
3400	475369.83, 3849132.25	4.41845	27.29682	18.16484	-0.0005422	-0.0033498	-0.0022292	-2.53E-04	-1.57E-03	-1.04E-03	-5.01E-04	-3.09E-03	-2.06E-03
3401	475369.83, 3849157.25	3.47259	23.03894	15.16382	-0.0004262	-0.0028273	-0.0018609	-1.99E-04	-1.32E-03	-8.70E-04	-3.93E-04	-2.61E-03	-1.72E-03
3402	475369.83, 3849182.25	2.87023	19.6358	12.76907	-0.0003522	-0.0024097	-0.001567	-1.65E-04	-1.13E-03	-7.32E-04	-3.25E-04	-2.22E-03	-1.45E-03
3403	475369.83, 3849207.25	2.49048	17.3541	11.39556	-0.0003056	-0.0021297	-0.0013984	-1.43E-04	-9.95E-04	-6.54E-04	-2.82E-04	-1.97E-03	-1.29E-03
3404	475369.83, 3849232.25	2.24005	15.68172	10.53354	-0.0002749	-0.0019244	-0.0012927	-1.28E-04	-9.00E-04	-6.04E-04	-2.54E-04	-1.78E-03	-1.19E-03
3405	475369.83, 3849257.25	2.01448	14.36026	9.6406	-0.0002472	-0.0017623	-0.0011831	-1.16E-04	-8.24E-04	-5.53E-04	-2.28E-04	-1.63E-03	-1.09E-03
3406	475369.83, 3849282.25	1.76058	12.68693	8.3739	-0.0002161	-0.0015569	-0.0010276	-1.01E-04	-7.28E-04	-4.80E-04	-1.99E-04	-1.44E-03	-9.49E-04
3407	475369.83, 3849307.25	1.48404	10.71595	6.98981	-0.0001821	-0.001315	-0.0008578	-8.51E-05	-6.15E-04	-4.01E-04	-1.68E-04	-1.21E-03	-7.92E-04
3408	475369.83, 3849332.25	1.29678	9.40191	6.09597	-0.0001591	-0.0011538	-0.0007481	-7.44E-05	-5.39E-04	-3.50E-04	-1.47E-04	-1.07E-03	-6.91E-04
3409	475369.83, 3849357.25	1.17876	8.65279	5.62583	-0.0001447	-0.0010619	-0.0006904	-6.76E-05	-4.96E-04	-3.23E-04	-1.34E-04	-9.80E-04	-6.37E-04
3410	475369.83, 3849382.25	1.09286	8.1449	5.29418	-0.0001341	-0.0009995	-0.0006497	-6.27E-05	-4.67E-04	-3.04E-04	-1.24E-04	-9.23E-04	-6.00E-04
3411	475369.83, 3849407.25	1.019	7.69046	4.97447	-0.000125	-0.0009438	-0.0006105	-5.84E-05	-4.41E-04	-2.85E-04	-1.15E-04	-8.71E-04	-5.64E-04
3412	475394.83, 3849132.25	5.16915	30.10723	20.67558	-0.0006343	-0.0036947	-0.0025373	-2.97E-04	-1.73E-03	-1.19E-03	-5.86E-04	-3.41E-03	-2.34E-03
3413	475394.83, 3849157.25	3.84656	24.53678	16.28549	-0.000472	-0.0030111	-0.0019985	-2.21E-04	-1.41E-03	-9.34E-04	-4.36E-04	-2.78E-03	-1.84E-03
3414	475394.83, 3849182.25	3.11575	20.73139	13.81837	-0.0003824	-0.0025441	-0.0016958	-1.79E-04	-1.19E-03	-7.93E-04	-3.53E-04	-2.35E-03	-1.57E-03
3415	475394.83, 3849207.25	2.79619	19.16862	12.73859	-0.0003431	-0.0023523	-0.0015633	-1.60E-04	-1.10E-03	-7.31E-04	-3.17E-04	-2.17E-03	-1.44E-03
3416	475394.83, 3849232.25	2.46232	17.03518	11.48037	-0.0003022	-0.0020905	-0.0014089	-1.41E-04	-9.77E-04	-6.59E-04	-2.79E-04	-1.93E-03	-1.30E-03
3417	475394.83, 3849257.25	2.16308	15.13764	10.23889	-0.0002654	-0.0018577	-0.0012565	-1.24E-04	-8.68E-04	-5.87E-04	-2.45E-04	-1.71E-03	-1.16E-03
3418	475394.83, 3849282.25	1.87355	13.28213	8.87456	-0.0002299	-0.00163	-0.0010891	-1.07E-04	-7.62E-04	-5.09E-04	-2.12E-04	-1.50E-03	-1.01E-03
3419	475394.83, 3849307.25	1.53755	10.89772	7.2933	-0.0001887	-0.0013373	-0.000895	-8.82E-05	-6.25E-04	-4.18E-04	-1.74E-04	-1.23E-03	-8.26E-04
3420	475394.83, 3849332.25	1.3394	9.54053	6.32054	-0.0001644	-0.0011708	-0.0007756	-7.68E-05	-5.47E-04	-3.63E-04	-1.52E-04	-1.08E-03	-7.16E-04
3421	475394.83, 3849357.25	1.21447	8.76864	5.74764	-0.000149	-0.0010761	-0.0007053	-6.97E-05	-5.03E-04	-3.30E-04	-1.38E-04	-9.93E-04	-6.51E-04
3422	475394.83, 3849382.25	1.12202	8.23196	5.40524	-0.0001377	-0.0010102	-0.0006633	-6.44E-05	-4.72E-04	-3.10E-04	-1.27E-04	-9.33E-04	-6.12E-04
3423	475394.83, 3849407.25	1.04245	7.75046	5.08968	-0.0001279	-0.0009511	-0.0006246	-5.98E-05	-4.45E-04	-2.92E-04	-1.18E-04	-8.78E-04	-5.77E-04
3424	475419.83, 3849132.25	6.08659	32.93228	23.79136	-0.0007469	-0.0040414	-0.0029196	-3.49E-04	-1.89E-03	-1.36E-03	-6.89E-04	-3.73E-03	-2.70E-03
3425	475419.83, 3849157.25	4.35194	26.4953	17.9607	-0.0005341	-0.0032515	-0.0022041	-2.50E-04	-1.52E-03	-1.03E-03	-4.93E-04	-3.00E-03	-2.03E-03
3426	475419.83, 3849182.25	3.44941	22.22586	14.93184	-0.0004233	-0.0027275	-0.0018324	-1.98E-04	-1.27E-03	-8.56E-04	-3.91E-04	-2.52E-03	-1.69E-03
3427	475419.83, 3849207.25	3.04449	20.31318	13.57277	-0.0003736	-0.0024928	-0.0016656	-1.75E-04	-1.17E-03	-7.79E-04	-3.45E-04	-2.30E-03	-1.54E-03
3428	475419.83, 3849232.25	2.52601	17.03071	11.5719	-0.00031	-0.00209	-0.0014201	-1.45E-04	-9.77E-04	-6.64E-04	-2.86E-04	-1.93E-03	-1.31E-03
3429	475419.83, 3849257.25	2.20702	14.97454	10.27779	-0.0002708	-0.0018377	-0.0012613	-1.27E-04	-8.59E-04	-5.90E-04	-2.50E-04	-1.70E-03	-1.16E-03
3430	475419.83, 3849282.25	1.97055	13.69797	9.26836	-0.0002418	-0.001681	-0.0011374	-1.13E-04	-7.86E-04	-5.32E-04	-2.23E-04	-1.55E-03	-1.05E-03
3431	475419.83, 3849307.25	1.61855	11.26789	7.64089	-0.0001986	-0.0013828	-0.0009377	-9.28E-05	-6.46E-04	-4.38E-04	-1.83E-04	-1.28E-03	-8.66E-04
3432	475419.83, 3849332.25	1.39813	9.78188	6.60007	-0.0001716	-0.0012004	-0.0008099	-8.02E-05	-5.61E-04	-3.79E-04	-1.58E-04	-1.11E-03	-7.48E-04
3433	475419.83, 3849357.25	1.25552	8.90602	5.94579	-0.0001541	-0.0010929	-0.0007297	-7.20E-05	-5.11E-04	-3.41E-04	-1.42E-04	-1.01E-03	-6.74E-04
3434	475419.83, 3849382.25	1.15084	8.29592	5.49451	-0.0001412	-0.0010181	-0.0006743	-6.60E-05	-4.76E-04	-3.15E-04	-1.30E-04	-9.40E-04	-6.22E-04
3435	475419.83, 3849407.25	1.06605	7.79428	5.19271	-0.0001308	-0.0009565	-0.0006372	-6.11E-05	-4.47E-04	-2.98E-04	-1.21E-04	-8.83E-04	-5.88E-04
3436	475444.83, 3849157.25	4.96723	28.5435	20.08196	-0.0006096	-0.0035028	-0.0024644	-2.85E-04	-1.64E-03	-1.15E-03	-5.63E-04	-3.23E-03	-2.27E-03
3437	475444.83, 3849182.25	3.87869	24.02606	16.47003	-0.000476	-0.0029484	-0.0020212	-2.22E-04	-1.38E-03	-9.45E-04	-4.39E-04	-2.72E-03	-1.87E-03
3438	475444.83, 3849207.25	3.21665	20.74449	14.13904	-0.0003947	-0.0025457	-0.0017351	-1.85E-04	-1.19E-03	-8.11E-04	-3.64E-04	-2.35E-03	-1.60E-03
3439	475444.83, 3849232.25	2.61106	17.03706	11.58005	-0.0003204	-0.0020908	-0.0014211	-1.50E-04	-9.77E-04	-6.64E-04	-2.96E-04	-1.93E-03	-1.31E-03

3440	475444.83, 3849257.25	2.26461	14.92137	10.36205	-0.0002779	-0.0018311	-0.0012716	-1.30E-04	-8.56E-04	-5.94E-04	-2.57E-04	-1.69E-03	-1.17E-03
3441	475444.83, 3849282.25	2.08855	14.19988	9.74863	-0.0002563	-0.0017426	-0.0011963	-1.20E-04	-8.15E-04	-5.59E-04	-2.37E-04	-1.61E-03	-1.10E-03
3442	475444.83, 3849307.25	1.82261	12.55478	8.60324	-0.0002237	-0.0015407	-0.0010558	-1.05E-04	-7.20E-04	-4.93E-04	-2.06E-04	-1.42E-03	-9.75E-04
3443	475444.83, 3849332.25	1.51559	10.46318	7.16813	-0.000186	-0.001284	-0.0008797	-8.69E-05	-6.00E-04	-4.11E-04	-1.72E-04	-1.19E-03	-8.12E-04
3444	475444.83, 3849357.25	1.31031	9.13023	6.18501	-0.0001608	-0.0011204	-0.000759	-7.52E-05	-5.24E-04	-3.55E-04	-1.48E-04	-1.03E-03	-7.01E-04
3445	475444.83, 3849382.25	1.18143	8.35438	5.60425	-0.000145	-0.0010252	-0.0006877	-6.78E-05	-4.79E-04	-3.21E-04	-1.34E-04	-9.46E-04	-6.35E-04
3446	475444.83, 3849407.25	1.0927	7.84544	5.28558	-0.0001341	-0.0009628	-0.0006486	-6.27E-05	-4.50E-04	-3.03E-04	-1.24E-04	-8.89E-04	-5.99E-04
3447	475444.83, 3849432.25	1.01608	7.37729	4.98204	-0.0001247	-0.0009053	-0.0006114	-5.83E-05	-4.23E-04	-2.86E-04	-1.15E-04	-8.36E-04	-5.64E-04
3448	475469.83, 3849157.25	5.76475	30.85844	22.37327	-0.0007074	-0.0037869	-0.0027456	-3.31E-04	-1.77E-03	-1.28E-03	-6.53E-04	-3.50E-03	-2.53E-03
3449	475469.83, 3849182.25	4.19751	24.79494	17.63074	-0.0005151	-0.0030428	-0.0021636	-2.41E-04	-1.42E-03	-1.01E-03	-4.75E-04	-2.81E-03	-2.00E-03
3450	475469.83, 3849207.25	3.23511	19.92176	13.70683	-0.000397	-0.0024448	-0.0016821	-1.86E-04	-1.14E-03	-7.86E-04	-3.66E-04	-2.26E-03	-1.55E-03
3451	475469.83, 3849232.25	2.49545	16.11831	10.82481	-0.0003062	-0.001978	-0.0013284	-1.43E-04	-9.25E-04	-6.21E-04	-2.83E-04	-1.83E-03	-1.23E-03
3452	475469.83, 3849257.25	2.08621	13.77942	9.40852	-0.000256	-0.001691	-0.0011546	-1.20E-04	-7.90E-04	-5.40E-04	-2.36E-04	-1.56E-03	-1.07E-03
3453	475469.83, 3849282.25	1.85013	12.22939	8.67507	-0.000227	-0.0015008	-0.0010646	-1.06E-04	-7.01E-04	-4.98E-04	-2.10E-04	-1.39E-03	-9.83E-04
3454	475469.83, 3849307.25	1.88263	12.72085	8.76248	-0.000231	-0.0015611	-0.0010753	-1.08E-04	-7.30E-04	-5.03E-04	-2.13E-04	-1.44E-03	-9.93E-04
3455	475469.83, 3849332.25	1.66066	11.32518	7.82092	-0.0002038	-0.0013898	-0.0009598	-9.53E-05	-6.50E-04	-4.49E-04	-1.88E-04	-1.28E-03	-8.86E-04
3456	475469.83, 3849357.25	1.3835	9.4783	6.5254	-0.0001698	-0.0011632	-0.0008008	-7.94E-05	-5.44E-04	-3.74E-04	-1.57E-04	-1.07E-03	-7.39E-04
3457	475469.83, 3849382.25	1.22062	8.46404	5.78554	-0.0001498	-0.0010387	-0.00071	-7.00E-05	-4.85E-04	-3.32E-04	-1.38E-04	-9.59E-04	-6.55E-04
3458	475469.83, 3849407.25	1.11837	7.86984	5.36915	-0.0001372	-0.0009658	-0.0006589	-6.41E-05	-4.51E-04	-3.08E-04	-1.27E-04	-8.91E-04	-6.08E-04
3459	475469.83, 3849432.25	1.03719	7.38436	5.06632	-0.0001273	-0.0009062	-0.0006217	-5.95E-05	-4.24E-04	-2.91E-04	-1.17E-04	-8.36E-04	-5.74E-04
3460	475494.83, 3849157.25	6.30757	31.40901	23.66193	-0.0007741	-0.0038545	-0.0029038	-3.62E-04	-1.80E-03	-1.36E-03	-7.15E-04	-3.56E-03	-2.68E-03
3461	475494.83, 3849182.25	3.74694	20.83639	15.00533	-0.0004598	-0.002557	-0.0018414	-2.15E-04	-1.20E-03	-8.61E-04	-4.24E-04	-2.36E-03	-1.70E-03
3462	475494.83, 3849207.25	2.57701	15.46641	10.65316	-0.0003162	-0.001898	-0.0013073	-1.48E-04	-8.87E-04	-6.11E-04	-2.92E-04	-1.75E-03	-1.21E-03
3463	475494.83, 3849232.25	1.96195	13.00703	8.27337	-0.0002408	-0.0015962	-0.0010153	-1.13E-04	-7.46E-04	-4.75E-04	-2.22E-04	-1.47E-03	-9.37E-04
3464	475494.83, 3849257.25	1.68574	11.88615	7.26266	-0.0002069	-0.0014586	-0.0008913	-9.67E-05	-6.82E-04	-4.17E-04	-1.91E-04	-1.35E-03	-8.23E-04
3465	475494.83, 3849282.25	1.66998	11.71411	7.51238	-0.0002049	-0.0014375	-0.0009219	-9.58E-05	-6.72E-04	-4.31E-04	-1.89E-04	-1.33E-03	-8.51E-04
3466	475494.83, 3849307.25	1.85963	12.29335	8.40397	-0.0002282	-0.0015086	-0.0010313	-1.07E-04	-7.05E-04	-4.82E-04	-2.11E-04	-1.39E-03	-9.52E-04
3467	475494.83, 3849332.25	1.77514	12.04627	8.36081	-0.0002178	-0.0014783	-0.001026	-1.02E-04	-6.91E-04	-4.80E-04	-2.01E-04	-1.36E-03	-9.47E-04
3468	475494.83, 3849357.25	1.49603	10.11007	7.0408	-0.0001836	-0.0012407	-0.000864	-8.58E-05	-5.80E-04	-4.04E-04	-1.69E-04	-1.15E-03	-7.98E-04
3469	475494.83, 3849382.25	1.28447	8.75606	6.0711	-0.0001576	-0.0010745	-0.000745	-7.37E-05	-5.02E-04	-3.48E-04	-1.46E-04	-9.92E-04	-6.88E-04
3470	475494.83, 3849407.25	1.14428	7.88029	5.45442	-0.0001404	-0.0009671	-0.0006694	-6.56E-05	-4.52E-04	-3.13E-04	-1.30E-04	-8.93E-04	-6.18E-04
3471	475494.83, 3849432.25	1.05475	7.34681	5.14965	-0.0001294	-0.0009016	-0.000632	-6.05E-05	-4.21E-04	-2.95E-04	-1.19E-04	-8.32E-04	-5.83E-04
3472	475519.83, 3849157.25	6.01131	27.9508	20.86376	-0.0007377	-0.0034301	-0.0025604	-3.45E-04	-1.60E-03	-1.20E-03	-6.81E-04	-3.17E-03	-2.36E-03
3473	475519.83, 3849182.25	3.28156	17.42195	12.16496	-0.0004027	-0.002138	-0.0014929	-1.88E-04	-9.99E-04	-6.98E-04	-3.72E-04	-1.97E-03	-1.38E-03
3474	475519.83, 3849207.25	2.08124	12.23334	8.06658	-0.0002554	-0.0015013	-0.0009899	-1.19E-04	-7.02E-04	-4.63E-04	-2.36E-04	-1.39E-03	-9.14E-04
3475	475519.83, 3849232.25	1.63321	10.33337	6.72001	-0.0002004	-0.0012681	-0.0008247	-9.37E-05	-5.93E-04	-3.85E-04	-1.85E-04	-1.17E-03	-7.61E-04
3476	475519.83, 3849257.25	1.50438	10.52333	6.44461	-0.0001846	-0.0012914	-0.0007909	-8.63E-05	-6.04E-04	-3.70E-04	-1.70E-04	-1.19E-03	-7.30E-04
3477	475519.83, 3849282.25	1.66551	11.8095	7.35876	-0.0002044	-0.0014492	-0.0009031	-9.55E-05	-6.77E-04	-4.22E-04	-1.89E-04	-1.34E-03	-8.34E-04
3478	475519.83, 3849307.25	1.79948	11.91734	8.15096	-0.0002208	-0.0014625	-0.0010003	-1.03E-04	-6.84E-04	-4.68E-04	-2.04E-04	-1.35E-03	-9.23E-04
3479	475519.83, 3849332.25	1.84355	12.38588	8.50757	-0.0002262	-0.00152	-0.001044	-1.06E-04	-7.10E-04	-4.88E-04	-2.09E-04	-1.40E-03	-9.64E-04
3480	475519.83, 3849357.25	1.56027	10.43566	7.32286	-0.0001915	-0.0012806	-0.0008986	-8.95E-05	-5.99E-04	-4.20E-04	-1.77E-04	-1.18E-03	-8.30E-04
3481	475519.83, 3849382.25	1.3236	8.8449	6.19862	-0.0001624	-0.0010854	-0.0007607	-7.59E-05	-5.07E-04	-3.56E-04	-1.50E-04	-1.00E-03	-7.02E-04
3482	475519.83, 3849407.25	1.17614	7.92944	5.50919	-0.0001443	-0.0009731	-0.0006761	-6.75E-05	-4.55E-04	-3.16E-04	-1.33E-04	-8.98E-04	-6.24E-04
3483	475519.83, 3849432.25	1.08524	7.40182	5.22773	-0.0001332	-0.0009083	-0.0006415	-6.22E-05	-4.25E-04	-3.00E-04	-1.23E-04	-8.38E-04	-5.92E-04
3484	475544.83, 3849182.25	3.41167	17.21133	11.79863	-0.0004187	-0.0021121	-0.0014479	-1.96E-04	-9.87E-04	-6.77E-04	-3.86E-04	-1.95E-03	-1.34E-03
3485	475544.83, 3849207.25	2.20873	12.29295	8.45241	-0.0002711	-0.0015086	-0.0010373	-1.27E-04	-7.05E-04	-4.85E-04	-2.50E-04	-1.39E-03	-9.57E-04
3486	475544.83, 3849232.25	1.74397	10.66969	6.9706	-0.000214	-0.0013094	-0.0008554	-1.00E-04	-6.12E-04	-4.00E-04	-1.98E-04	-1.21E-03	-7.90E-04
3487	475544.83, 3849257.25	1.56135	10.42806	6.57843	-0.0001916	-0.0012797	-0.0008073	-8.96E-05	-5.98E-04	-3.77E-04	-1.77E-04	-1.18E-03	-7.45E-04
3488	475544.83, 3849282.25	1.66246	11.73868	7.18251	-0.000204	-0.0014406	-0.0008814	-9.54E-05	-6.73E-04	-4.12E-04	-1.88E-04	-1.33E-03	-8.14E-04
3489	475544.83, 3849307.25	1.93789	12.60612	8.56207	-0.0002378	-0.001547	-0.0010507	-1.11E-04	-7.23E-04	-4.91E-04	-2.20E-04	-1.43E-03	-9.70E-04
3490	475544.83, 3849332.25	1.89475	12.5862	8.67811	-0.0002325	-0.0015446	-0.001065	-1.09E-04	-7.22E-04	-4.98E-04	-2.15E-04	-1.43E-03	-9.83E-04
3491	475544.83, 3849357.25	1.55635	10.31418	7.15921	-0.000191	-0.0012657	-0.0008786	-8.93E-05	-5.92E-04	-4.11E-04	-1.76E-04	-1.17E-03	-8.11E-04
3492	475544.83, 3849382.25	1.33256	8.79908	6.18729	-0.0001635	-0.0010798	-0.0007593	-7.64E-05	-5.05E-04	-3.55E-04	-1.51E-04	-9.97E-04	-7.01E-04
3493	475544.83, 3849407.25	1.20488	7.97317	5.59313	-0.0001479	-0.0009785	-0.0006864	-6.91E-05	-4.57E-04	-3.21E-04	-1.36E-04	-9.03E-04	-6.34E-04
3494	475544.83, 3849432.25	1.11048	7.42099	5.22995	-0.0001363	-0.0009107	-0.0006418	-6.37E-05	-4.26E-04	-3.00E-04	-1.26E-04	-8.41E-04	-5.92E-04
3495	475569.83, 3849182.25	4.59618	22.29092	15.76418	-0.000564	-0.0027355	-0.0019346	-2.64E-04	-1.28E-03	-9.04E-04	-5.21E-04	-2.53E-03	-1.79E-03
3496	475569.83, 3849207.25	2.81871	15.12535	10.33635	-0.0003459	-0.0018562	-0.0012685	-1.62E-04	-8.68E-04	-5.93E-04	-3.19E-04	-1.71E-03	-1.17E-03
3497	475569.83, 3849232.25	2.12596	12.64645	8.51207	-0.0002609	-0.001552	-0.0010446	-1.22E-04	-7.25E-04	-4.88E-04	-2.41E-04	-1.43E-03	-9.64E-04
3498	475569.83, 3849257.25	1.92498	12.25179	8.00269	-0.0002362	-0.0015035	-0.0009821	-1.10E-04	-7.03E-04	-4.59E-04	-2.18E-04	-1.39E-03	-9.07E-04
3499	475569.83, 3849282.25	2.01218	12.89371	8.76134	-0.0002469	-0.0015823	-0.0010752	-1.15E-04	-7.40E-04	-5.03E-04	-2.28E-04	-1.46E-03	-9.92E-04
3500	475569.83, 3849307.25	2.14142	13.75046	9.39488	-0.0002628	-0.0016874	-0.0011529	-1.23E-04	-7.89E-04	-5.39E-04	-2.43E-04	-1.56E-03	-1.06E-03
3501	475569.83, 3849332.25	1.92857	12.66881	8.79599	-0.0002367	-0.0015547	-0.0010794	-1.11E-04	-7.27E-04	-5.05E-04	-2.18E-04	-1.44E-03	-9.96E-04
3502	475569.83, 3849357.25	1.58674	10.46273	7.20449	-0.0001947	-0.001284	-0.0008841	-9.10E-05	-6.00E-04	-4.13E-04	-1.80E-04	-1.19E-03	-8.16E-04
3503	475569.83, 3849382.25	1.36906	9.01448	6.2459	-0.000168	-0.0011062	-0.0007665	-7.85E-05	-5.17E-04	-3.58E-04	-1.55E-04	-1.02E-03	-7.08E-04
3504	475569.83, 3849407.25	1.23434	8.13305	5.74173	-0.0001515	-0.0009981	-0.0007046	-7.08E-05	-4.67E-04	-3.29E-04	-1.40E-04	-9.21E-04	-6.50E-04
3505	475569.83, 3849432.25	1.13248	7.45378	5.27073	-0.000139	-0.0009147	-0.0006468	-6.50E-05	-4.28E-04	-3.02E-04	-1.28E-04	-8.44E-04	-5.97E-04
3506	475594.83, 3849182.25	6.74802	30.12002	22.98638	-0.0008281	-0.0036963	-0.0028208	-3.87E-04	-1.73E-03	-1.32E-03	-7.64E-04	-3.41E-03	-2.60E-03
3507	475594.83, 3849207.25	4.092	20.98694	14.59459	-0.0005022	-0.0025755	-0.001791	-2.35E-04	-1.20E-03	-8.37E-04	-4.64E-04	-2.38E-03	-1.65E-03
3508	475594.83, 3849232.25	3.06956	17.01207	11.92555	-0.0003767	-0.0020877	-0.0014635	-1.76E-04	-9.76E-04	-6.84E-04	-3.48E-04	-1.93E-03	-1.35E-03
3509	475594.83, 3849257.25	2.70495	15.53278	10.93188	-0.0003319	-0.0019062	-0.0013415	-1.55E-04	-8.91E-04	-6.27E-04	-3.06E-04	-1.76E-03	-1.24E-03
3510	475594.83, 3849282.25	2.50515	15.1084	10.90252	-0.0003074	-0.0018541	-0.0013379	-1.44E-04	-8.67E-04	-6.25E-04	-2.84E-04	-1.71E-03	-1.24E-03
3511	475594.83, 3849307.25	2.30067	14.66967	10.17116	-0.0002823	-0.0018002	-0.0012482	-1.32E-04	-8.41E-04	-5.83E-04	-2.61E-04	-1.66E-03	-1.15E-03
3512	475594.83, 3849332.25	1.93634	12.5908	8.67212	-0.0002376	-0.0015451	-0.0010642	-1.11E-04	-7.22E-04	-4.97E-04	-2.19E-04	-1.43E-03	-9.82E-04
3513	475594.83, 3849357.25	1.60358	10.45842	7.17535	-0.0001968	-0.0012834	-0.0008805	-9.20E-05	-6.00E-04	-4.12E-04	-1.82E-04	-1.18E-03	-8.13E-04
3514	475594.83, 3849382.25	1.39384	9.1262	6.23151	-0.000171	-0.00112	-0.0007647	-8.00E-05	-5.23E-04	-3.57E-04	-1.58E-04	-1.03E-03	-7.06E-04
3515	475594.83, 3849407.25	1.26169	8.29199	5.82162	-0.0001548	-0.0010176	-0.0007144	-7.24E-05	-4.76E-04	-3.34E-04	-1.43E-04	-9.39E-04	-6.59E-04
3516	475594.83, 3849432.25	1.1586	7.64331	5.37472	-0.0001422	-0.000938	-0.0006596	-6.65E-05	-4.38E-04	-3.08E-04	-1.31E-04	-8.66E-04	-6.09E-04
3517	475594.83, 3849457.25	1.06695	7.02503	5.01547	-0.0001309	-0.0008621	-0.0006155	-6.12E-05	-4.03E-04	-2.88E-04	-1.21E-04	-7.96E-04	-5.68E-04
3518	475619.83, 3849182.25	7.84522	33.84914	26.44856	-0.0009628	-0.0041539	-0.0032457	-4.50E-04	-1.94E-03	-1.52E-03	-8.89E-04	-3.83E-03	-3.00E-03
3519	475619.83, 3849207.25	5.37801	26.30566	19.42756	-0.00066	-0.0032282	-0.0023841	-3.08E-04	-1.51E-03	-1.11E-03	-6.09E-04	-2.98E-03	-2.20E-03
3520	475619.83, 3849232.25	4.0677	21.7668	15.79526	-0.0004992	-0.0026712	-0.0019384	-2.33E-04	-1.25E-03	-9.06E-04	-4.61E-04	-2.47E-03	-1.79E-03
3521	475619.83, 3849257.25	3.31172	18.70443	13.58419	-0.0004064	-0.0022954	-0.001667	-1.90E-04	-1.07E-03	-7.79E-04	-3.75E-04	-2.12E-03	-1.54E-03

3522	475619.83, 3849282.25	2.76958	16.49345	12.14151	-0.0003399	-0.002024	-0.00149	-1.59E-04	-9.46E-04	-6.96E-04	-3.14E-04	-1.87E-03	-1.38E-03
3523	475619.83, 3849307.25	2.3488	14.65095	10.5308	-0.0002882	-0.0017979	-0.0012923	-1.35E-04	-8.40E-04	-6.04E-04	-2.66E-04	-1.66E-03	-1.19E-03
3524	475619.83, 3849332.25	1.93639	12.38442	8.61113	-0.0002376	-0.0015198	-0.0010567	-1.11E-04	-7.10E-04	-4.94E-04	-2.19E-04	-1.40E-03	-9.75E-04
3525	475619.83, 3849357.25	1.62437	10.4726	7.20185	-0.0001993	-0.0012852	-0.0008838	-9.32E-05	-6.01E-04	-4.13E-04	-1.84E-04	-1.19E-03	-8.16E-04
3526	475619.83, 3849382.25	1.42305	9.24373	6.34807	-0.0001746	-0.0011344	-0.000779	-8.16E-05	-5.30E-04	-3.64E-04	-1.61E-04	-1.05E-03	-7.19E-04
3527	475619.83, 3849407.25	1.29026	8.47941	5.84812	-0.0001583	-0.0010406	-0.0007177	-7.40E-05	-4.86E-04	-3.35E-04	-1.46E-04	-9.61E-04	-6.62E-04
3528	475619.83, 3849432.25	1.18339	7.79752	5.45908	-0.0001452	-0.0009569	-0.0006699	-6.79E-05	-4.47E-04	-3.13E-04	-1.34E-04	-8.83E-04	-6.18E-04
3529	475619.83, 3849457.25	1.08993	7.19326	5.11484	-0.0001338	-0.0008827	-0.0006277	-6.25E-05	-4.13E-04	-2.93E-04	-1.23E-04	-8.15E-04	-5.79E-04
3530	475644.83, 3849182.25	8.32675	34.55372	27.23262	-0.0010218	-0.0042404	-0.0033419	-4.78E-04	-1.98E-03	-1.56E-03	-9.43E-04	-3.91E-03	-3.08E-03
3531	475644.83, 3849207.25	5.57201	25.82098	19.88613	-0.0006838	-0.0031687	-0.0024404	-3.20E-04	-1.48E-03	-1.14E-03	-6.31E-04	-2.92E-03	-2.25E-03
3532	475644.83, 3849232.25	4.1756	21.55187	16.1381	-0.0005124	-0.0026448	-0.0019804	-2.40E-04	-1.24E-03	-9.26E-04	-4.73E-04	-2.44E-03	-1.83E-03
3533	475644.83, 3849257.25	3.30759	18.31841	13.6747	-0.0004059	-0.002248	-0.0016781	-1.90E-04	-1.05E-03	-7.84E-04	-3.75E-04	-2.08E-03	-1.55E-03
3534	475644.83, 3849282.25	2.69325	15.56331	11.56062	-0.0003305	-0.0019099	-0.0014187	-1.54E-04	-8.93E-04	-6.63E-04	-3.05E-04	-1.76E-03	-1.31E-03
3535	475644.83, 3849307.25	2.27031	13.71128	10.05645	-0.0002786	-0.0016826	-0.0012341	-1.30E-04	-7.86E-04	-5.77E-04	-2.57E-04	-1.55E-03	-1.14E-03
3536	475644.83, 3849332.25	1.91322	11.93499	8.54874	-0.0002348	-0.0014646	-0.0010491	-1.10E-04	-6.85E-04	-4.90E-04	-2.17E-04	-1.35E-03	-9.68E-04
3537	475644.83, 3849357.25	1.64706	10.4607	7.36875	-0.0002021	-0.0012837	-0.0009043	-9.45E-05	-6.00E-04	-4.23E-04	-1.87E-04	-1.18E-03	-8.35E-04
3538	475644.83, 3849382.25	1.45775	9.38178	6.45866	-0.0001789	-0.0011513	-0.0007926	-8.36E-05	-5.38E-04	-3.70E-04	-1.65E-04	-1.06E-03	-7.32E-04
3539	475644.83, 3849407.25	1.32042	8.64815	5.94703	-0.000162	-0.0010613	-0.0007298	-7.57E-05	-4.96E-04	-3.41E-04	-1.50E-04	-9.80E-04	-6.74E-04
3540	475644.83, 3849432.25	1.20744	7.9758	5.51922	-0.0001482	-0.0009788	-0.0006773	-6.93E-05	-4.57E-04	-3.17E-04	-1.37E-04	-9.03E-04	-6.25E-04
3541	475644.83, 3849457.25	1.11167	7.35358	5.20778	-0.0001364	-0.0009024	-0.0006391	-6.38E-05	-4.22E-04	-2.99E-04	-1.26E-04	-8.33E-04	-5.90E-04
3542	475669.83, 3849182.25	8.99915	35.74475	28.1554	-0.0011044	-0.0043865	-0.0034552	-5.16E-04	-2.05E-03	-1.61E-03	-1.02E-03	-4.05E-03	-3.19E-03
3543	475669.83, 3849207.25	5.63615	24.96195	19.48329	-0.0006917	-0.0030633	-0.002391	-3.23E-04	-1.43E-03	-1.12E-03	-6.38E-04	-2.83E-03	-2.21E-03
3544	475669.83, 3849232.25	4.11373	20.32445	15.02805	-0.0005048	-0.0024942	-0.0018442	-2.36E-04	-1.17E-03	-8.62E-04	-4.66E-04	-2.30E-03	-1.70E-03
3545	475669.83, 3849257.25	3.24645	17.36834	12.74132	-0.0003984	-0.0021314	-0.0015636	-1.86E-04	-9.96E-04	-7.31E-04	-3.68E-04	-1.97E-03	-1.44E-03
3546	475669.83, 3849282.25	2.67586	15.12939	11.09863	-0.0003284	-0.0018567	-0.001362	-1.53E-04	-8.68E-04	-6.37E-04	-3.03E-04	-1.71E-03	-1.26E-03
3547	475669.83, 3849307.25	2.24788	13.11875	9.57144	-0.0002759	-0.0016099	-0.0011746	-1.29E-04	-7.52E-04	-5.49E-04	-2.55E-04	-1.49E-03	-1.08E-03
3548	475669.83, 3849332.25	1.93271	11.74305	8.55099	-0.0002372	-0.0014411	-0.0010494	-1.11E-04	-6.74E-04	-4.90E-04	-2.19E-04	-1.33E-03	-9.69E-04
3549	475669.83, 3849357.25	1.68253	10.49346	7.4834	-0.0002065	-0.0012877	-0.0009184	-9.65E-05	-6.02E-04	-4.29E-04	-1.91E-04	-1.19E-03	-8.48E-04
3550	475669.83, 3849382.25	1.49306	9.49002	6.76642	-0.0001832	-0.0011646	-0.0008304	-8.56E-05	-5.44E-04	-3.88E-04	-1.69E-04	-1.08E-03	-7.66E-04
3551	475669.83, 3849407.25	1.35115	8.76072	6.0002	-0.0001658	-0.0010751	-0.0007363	-7.75E-05	-5.03E-04	-3.44E-04	-1.53E-04	-9.92E-04	-6.80E-04
3552	475669.83, 3849432.25	1.23201	8.11411	5.60909	-0.0001512	-0.0009957	-0.0006883	-7.07E-05	-4.65E-04	-3.22E-04	-1.40E-04	-9.19E-04	-6.35E-04
3553	475669.83, 3849457.25	1.13136	7.50538	5.23449	-0.0001388	-0.000921	-0.0006424	-6.49E-05	-4.31E-04	-3.00E-04	-1.28E-04	-8.50E-04	-5.93E-04
3554	475694.83, 3849207.25	6.09017	26.11396	20.19738	-0.0007474	-0.0032047	-0.0024786	-3.49E-04	-1.50E-03	-1.16E-03	-6.90E-04	-2.96E-03	-2.29E-03
3555	475694.83, 3849232.25	4.37361	20.87871	15.55856	-0.0005367	-0.0025622	-0.0019093	-2.51E-04	-1.20E-03	-8.92E-04	-4.95E-04	-2.37E-03	-1.76E-03
3556	475694.83, 3849257.25	3.38858	17.67256	12.73978	-0.0004158	-0.0021687	-0.0015634	-1.94E-04	-1.01E-03	-7.31E-04	-3.84E-04	-2.00E-03	-1.44E-03
3557	475694.83, 3849282.25	2.76018	15.32578	11.08669	-0.0003387	-0.0018808	-0.0013605	-1.58E-04	-8.79E-04	-6.36E-04	-3.13E-04	-1.74E-03	-1.26E-03
3558	475694.83, 3849307.25	2.30887	13.30725	9.50446	-0.0002833	-0.001633	-0.0011664	-1.32E-04	-7.63E-04	-5.45E-04	-2.62E-04	-1.51E-03	-1.08E-03
3559	475694.83, 3849332.25	1.97434	11.66704	8.48957	-0.0002423	-0.0014318	-0.0010418	-1.13E-04	-6.69E-04	-4.87E-04	-2.24E-04	-1.32E-03	-9.62E-04
3560	475694.83, 3849357.25	1.72604	10.53466	7.59772	-0.0002118	-0.0012928	-0.0009324	-9.90E-05	-6.04E-04	-4.36E-04	-1.96E-04	-1.19E-03	-8.61E-04
3561	475694.83, 3849382.25	1.53431	9.60562	6.87907	-0.0001883	-0.0011788	-0.0008442	-8.80E-05	-5.51E-04	-3.95E-04	-1.74E-04	-1.09E-03	-7.79E-04
3562	475694.83, 3849407.25	1.38151	8.85505	6.19157	-0.0001695	-0.0010867	-0.0007598	-7.92E-05	-5.08E-04	-3.55E-04	-1.56E-04	-1.00E-03	-7.01E-04
3563	475694.83, 3849432.25	1.2585	8.20473	5.6089	-0.0001544	-0.0010069	-0.0006883	-7.22E-05	-4.71E-04	-3.22E-04	-1.43E-04	-9.29E-04	-6.35E-04
3564	475694.83, 3849457.25	1.15459	7.64511	5.313	-0.0001417	-0.0009382	-0.000652	-6.62E-05	-4.39E-04	-3.05E-04	-1.31E-04	-8.66E-04	-6.02E-04
3565	475719.83, 3849207.25	6.57153	27.14296	21.37175	-0.0008064	-0.0033309	-0.0026227	-3.77E-04	-1.56E-03	-1.23E-03	-7.44E-04	-3.07E-03	-2.42E-03
3566	475719.83, 3849232.25	4.63799	21.4845	16.27422	-0.0005692	-0.0026365	-0.0019971	-2.66E-04	-1.23E-03	-9.33E-04	-5.25E-04	-2.43E-03	-1.84E-03
3567	475719.83, 3849257.25	3.56532	18.10402	13.04262	-0.0004375	-0.0022217	-0.0016006	-2.05E-04	-1.04E-03	-7.48E-04	-4.04E-04	-2.05E-03	-1.48E-03
3568	475719.83, 3849282.25	2.89081	15.74802	11.08135	-0.0003548	-0.0019326	-0.0013599	-1.66E-04	-9.03E-04	-6.36E-04	-3.27E-04	-1.78E-03	-1.26E-03
3569	475719.83, 3849307.25	2.40113	13.65855	9.69598	-0.0002947	-0.0016762	-0.0011899	-1.38E-04	-7.83E-04	-5.56E-04	-2.72E-04	-1.55E-03	-1.10E-03
3570	475719.83, 3849332.25	2.04356	11.92912	8.52451	-0.0002508	-0.0014639	-0.0010461	-1.17E-04	-6.84E-04	-4.89E-04	-2.31E-04	-1.35E-03	-9.66E-04
3571	475719.83, 3849357.25	1.77771	10.58717	7.65924	-0.0002182	-0.0012992	-0.0009399	-1.02E-04	-6.07E-04	-4.39E-04	-2.01E-04	-1.20E-03	-8.68E-04
3572	475719.83, 3849382.25	1.57531	9.67895	6.9578	-0.0001933	-0.0011878	-0.0008538	-9.04E-05	-5.55E-04	-3.99E-04	-1.78E-04	-1.10E-03	-7.88E-04
3573	475719.83, 3849407.25	1.41649	8.9262	6.28871	-0.0001738	-0.0010954	-0.0007717	-8.12E-05	-5.12E-04	-3.61E-04	-1.60E-04	-1.01E-03	-7.12E-04
3574	475719.83, 3849432.25	1.28781	8.29697	5.73758	-0.000158	-0.0010182	-0.0007041	-7.39E-05	-4.76E-04	-3.29E-04	-1.46E-04	-9.40E-04	-6.50E-04
3575	475719.83, 3849457.25	1.17841	7.74313	5.35336	-0.0001446	-0.0009502	-0.000657	-6.76E-05	-4.44E-04	-3.07E-04	-1.33E-04	-8.77E-04	-6.06E-04
3576	475744.83, 3849207.25	7.14669	28.60066	22.63684	-0.000877	-0.0035098	-0.002778	-4.10E-04	-1.64E-03	-1.30E-03	-8.10E-04	-3.24E-03	-2.56E-03
3577	475744.83, 3849232.25	4.9303	22.1417	16.93687	-0.000605	-0.0027172	-0.0020785	-2.83E-04	-1.27E-03	-9.71E-04	-5.59E-04	-2.51E-03	-1.92E-03
3578	475744.83, 3849257.25	3.74655	18.4887	13.59917	-0.0004598	-0.0022689	-0.0016689	-2.15E-04	-1.06E-03	-7.80E-04	-4.24E-04	-2.09E-03	-1.54E-03
3579	475744.83, 3849282.25	3.01003	16.02503	11.27758	-0.0003694	-0.0019666	-0.001384	-1.73E-04	-9.19E-04	-6.47E-04	-3.41E-04	-1.82E-03	-1.28E-03
3580	475744.83, 3849307.25	2.48096	13.88294	9.78775	-0.0003045	-0.0017037	-0.0012011	-1.42E-04	-7.96E-04	-5.61E-04	-2.81E-04	-1.57E-03	-1.11E-03
3581	475744.83, 3849332.25	2.09473	12.08606	8.4465	-0.0002571	-0.0014832	-0.0010365	-1.20E-04	-6.93E-04	-4.84E-04	-2.37E-04	-1.37E-03	-9.57E-04
3582	475744.83, 3849357.25	1.81411	10.6432	7.59439	-0.0002226	-0.0013061	-0.000932	-1.04E-04	-6.10E-04	-4.36E-04	-2.06E-04	-1.21E-03	-8.60E-04
3583	475744.83, 3849382.25	1.60359	9.65178	6.94655	-0.0001968	-0.0011845	-0.0008525	-9.20E-05	-5.54E-04	-3.98E-04	-1.82E-04	-1.09E-03	-7.87E-04
3584	475744.83, 3849407.25	1.43988	8.95599	6.38669	-0.0001767	-0.0010991	-0.0007838	-8.26E-05	-5.14E-04	-3.66E-04	-1.63E-04	-1.01E-03	-7.23E-04
3585	475744.83, 3849432.25	1.30643	8.3054	5.76996	-0.0001603	-0.0010192	-0.0007081	-7.49E-05	-4.76E-04	-3.31E-04	-1.48E-04	-9.41E-04	-6.54E-04
3586	475744.83, 3849457.25	1.19373	7.72778	5.39361	-0.0001465	-0.0009483	-0.0006619	-6.85E-05	-4.43E-04	-3.09E-04	-1.35E-04	-8.75E-04	-6.11E-04
3587	475769.83, 3849207.25	7.73668	29.99599	23.64087	-0.0009494	-0.0036811	-0.0029012	-4.44E-04	-1.72E-03	-1.36E-03	-8.76E-04	-3.40E-03	-2.68E-03
3588	475769.83, 3849232.25	5.25409	22.81497	17.63667	-0.0006448	-0.0027998	-0.0021643	-3.01E-04	-1.31E-03	-1.01E-03	-5.95E-04	-2.58E-03	-2.00E-03
3589	475769.83, 3849257.25	3.95969	18.96777	14.24517	-0.0004859	-0.0023277	-0.0017481	-2.27E-04	-1.09E-03	-8.17E-04	-4.49E-04	-2.15E-03	-1.61E-03
3590	475769.83, 3849282.25	3.15745	16.4061	11.61418	-0.0003875	-0.0020133	-0.0014253	-1.81E-04	-9.41E-04	-6.66E-04	-3.58E-04	-1.86E-03	-1.32E-03
3591	475769.83, 3849307.25	2.57739	14.16968	9.84986	-0.0003163	-0.0017389	-0.0012088	-1.48E-04	-8.13E-04	-5.65E-04	-2.92E-04	-1.61E-03	-1.12E-03
3592	475769.83, 3849332.25	2.16905	12.36228	8.65062	-0.0002662	-0.0015171	-0.0010616	-1.24E-04	-7.09E-04	-4.96E-04	-2.46E-04	-1.40E-03	-9.80E-04
3593	475769.83, 3849357.25	1.86538	10.844	7.61856	-0.0002289	-0.0013308	-0.0009349	-1.07E-04	-6.22E-04	-4.37E-04	-2.11E-04	-1.23E-03	-8.63E-04
3594	475769.83, 3849382.25	1.63961	9.75503	6.88293	-0.0002012	-0.0011971	-0.0008447	-9.40E-05	-5.60E-04	-3.95E-04	-1.86E-04	-1.11E-03	-7.80E-04
3595	475769.83, 3849407.25	1.46886	8.97893	6.37754	-0.0001803	-0.0011019	-0.0007826	-8.43E-05	-5.15E-04	-3.66E-04	-1.66E-04	-1.02E-03	-7.22E-04
3596	475769.83, 3849432.25	1.32856	8.35125	5.85541	-0.000163	-0.0010249	-0.0007186	-7.62E-05	-4.79E-04	-3.36E-04	-1.50E-04	-9.46E-04	-6.63E-04
3597	475769.83, 3849457.25	1.21201	7.75841	5.40371	-0.0001487	-0.0009521	-0.0006631	-6.95E-05	-4.45E-04	-3.10E-04	-1.37E-04	-8.79E-04	-6.12E-04
3598	475769.83, 3849482.25	1.10983	7.24262	5.00179	-0.0001362	-0.0008888	-0.0006138	-6.37E-05	-4.15E-04	-2.87E-04	-1.26E-04	-8.20E-04	-5.67E-04
3599	475794.83, 3849207.25	8.37716	31.72038	24.7008	-0.001028	-0.0038927	-0.0030312	-4.81E-04	-1.82E-03	-1.42E-03	-9.49E-04	-3.59E-03	-2.80E-03
3600	475794.83, 3849232.25	5.58528	23.52871	18.36568	-0.0006854	-0.0028874	-0.0022538	-3.20E-04	-1.35E-03	-1.05E-03	-6.33E-04	-2.67E-03	-2.08E-03
3601	475794.83, 3849257.25	4.15326	19.38505	14.61987	-0.0005097	-0.0023789	-0.0017941	-2.38E-04	-1.11E-03	-8.39E-04	-4.70E-04	-2.20E-03	-1.66E-03
3602	475794.83, 3849282.25	3.26975	16.53798	11.93336	-0.0004013	-0.0020295	-0.0014644	-1.88E-04	-9.49E-04	-6.84E-04	-3.70E-04	-1.87E-03	-1.35E-03
3603	475794.83, 3849307.25	2.67176	14.40561	9.99597	-0.0003279	-0.0017678	-0.0012267	-1.53E-04	-8.26E-04	-5.73E-04	-3.03E-04	-1.63E-03	-1.13E-03

3604	475794.83, 3849332.25	2.23831	12.57235	8.60984	-0.0002747	-0.0015429	-0.0010566	-1.28E-04	-7.21E-04	-4.94E-04	-2.54E-04	-1.42E-03	-9.75E-04
3605	475794.83, 3849357.25	1.92123	11.06244	7.7274	-0.0002358	-0.0013576	-0.0009483	-1.10E-04	-6.35E-04	-4.43E-04	-2.18E-04	-1.25E-03	-8.75E-04
3606	475794.83, 3849382.25	1.68399	9.95632	6.9915	-0.0002067	-0.0012218	-0.000858	-9.66E-05	-5.71E-04	-4.01E-04	-1.91E-04	-1.13E-03	-7.92E-04
3607	475794.83, 3849407.25	1.50087	9.06308	6.36964	-0.0001842	-0.0011122	-0.0007817	-8.61E-05	-5.20E-04	-3.65E-04	-1.70E-04	-1.03E-03	-7.22E-04
3608	475794.83, 3849432.25	1.35277	8.36832	5.93327	-0.000166	-0.0010269	-0.0007281	-7.76E-05	-4.80E-04	-3.40E-04	-1.53E-04	-9.48E-04	-6.72E-04
3609	475794.83, 3849457.25	1.23214	7.80645	5.43969	-0.0001512	-0.000958	-0.0006675	-7.07E-05	-4.48E-04	-3.12E-04	-1.40E-04	-8.84E-04	-6.16E-04
3610	475794.83, 3849482.25	1.12649	7.24307	5.06212	-0.0001382	-0.0008889	-0.0006212	-6.46E-05	-4.15E-04	-2.90E-04	-1.28E-04	-8.20E-04	-5.73E-04
3611	475819.83, 3849207.25	9.15574	33.74174	26.2799	-0.0011236	-0.0041407	-0.003225	-5.25E-04	-1.94E-03	-1.51E-03	-1.04E-03	-3.82E-03	-2.98E-03
3612	475819.83, 3849232.25	5.97049	24.56746	19.15038	-0.0007327	-0.0030149	-0.0023501	-3.42E-04	-1.41E-03	-1.10E-03	-6.76E-04	-2.78E-03	-2.17E-03
3613	475819.83, 3849257.25	4.39852	19.97943	15.27991	-0.0005398	-0.0024518	-0.0018751	-2.52E-04	-1.15E-03	-8.76E-04	-4.98E-04	-2.26E-03	-1.73E-03
3614	475819.83, 3849282.25	3.43896	16.94355	12.43731	-0.000422	-0.0020793	-0.0015263	-1.97E-04	-9.72E-04	-7.13E-04	-3.90E-04	-1.92E-03	-1.41E-03
3615	475819.83, 3849307.25	2.78585	14.72307	10.28076	-0.0003419	-0.0018068	-0.0012616	-1.60E-04	-8.45E-04	-5.90E-04	-3.16E-04	-1.67E-03	-1.16E-03
3616	475819.83, 3849332.25	2.33078	12.89736	8.77058	-0.000286	-0.0015827	-0.0010763	-1.34E-04	-7.40E-04	-5.03E-04	-2.64E-04	-1.46E-03	-9.94E-04
3617	475819.83, 3849357.25	1.99123	11.34958	7.85521	-0.0002444	-0.0013928	-0.000964	-1.14E-04	-6.51E-04	-4.51E-04	-2.26E-04	-1.29E-03	-8.90E-04
3618	475819.83, 3849382.25	1.73577	10.17429	7.10306	-0.000213	-0.0012486	-0.0008717	-9.96E-05	-5.84E-04	-4.07E-04	-1.97E-04	-1.15E-03	-8.05E-04
3619	475819.83, 3849407.25	1.5409	9.2562	6.46638	-0.0001891	-0.0011359	-0.0007935	-8.84E-05	-5.31E-04	-3.71E-04	-1.75E-04	-1.05E-03	-7.33E-04
3620	475819.83, 3849432.25	1.38611	8.44866	5.9141	-0.0001701	-0.0010368	-0.0007258	-7.95E-05	-4.85E-04	-3.39E-04	-1.57E-04	-9.57E-04	-6.70E-04
3621	475819.83, 3849457.25	1.25926	7.86213	5.51797	-0.0001545	-0.0009648	-0.0006772	-7.22E-05	-4.51E-04	-3.17E-04	-1.43E-04	-8.91E-04	-6.25E-04
3622	475819.83, 3849482.25	1.15356	7.35276	5.09749	-0.0001416	-0.0009023	-0.0006256	-6.62E-05	-4.22E-04	-2.92E-04	-1.31E-04	-8.33E-04	-5.77E-04
3623	475844.83, 3849207.25	10.17257	36.55769	28.37472	-0.0012484	-0.0044863	-0.0034821	-5.83E-04	-2.10E-03	-1.63E-03	-1.15E-03	-4.14E-03	-3.21E-03
3624	475844.83, 3849232.25	6.39415	25.99287	20.03285	-0.0007847	-0.0031898	-0.0024584	-3.67E-04	-1.49E-03	-1.15E-03	-7.24E-04	-2.94E-03	-2.27E-03
3625	475844.83, 3849257.25	4.66372	20.737	15.94487	-0.0005723	-0.0025448	-0.0019567	-2.68E-04	-1.19E-03	-9.15E-04	-5.28E-04	-2.35E-03	-1.81E-03
3626	475844.83, 3849282.25	3.61285	17.39026	12.92702	-0.0004434	-0.0021341	-0.0015864	-2.07E-04	-9.98E-04	-7.41E-04	-4.09E-04	-1.97E-03	-1.46E-03
3627	475844.83, 3849307.25	2.91688	15.1044	10.75324	-0.000358	-0.0018536	-0.0013196	-1.67E-04	-8.66E-04	-6.17E-04	-3.30E-04	-1.71E-03	-1.22E-03
3628	475844.83, 3849332.25	2.42281	13.18316	8.96239	-0.0002973	-0.0016178	-0.0010998	-1.39E-04	-7.56E-04	-5.14E-04	-2.74E-04	-1.49E-03	-1.02E-03
3629	475844.83, 3849357.25	2.05547	11.57085	7.81862	-0.0002522	-0.00142	-0.0009595	-1.18E-04	-6.64E-04	-4.48E-04	-2.33E-04	-1.31E-03	-8.86E-04
3630	475844.83, 3849382.25	1.7815	10.31464	7.11692	-0.0002186	-0.0012658	-0.0008734	-1.02E-04	-5.92E-04	-4.08E-04	-2.02E-04	-1.17E-03	-8.06E-04
3631	475844.83, 3849407.25	1.5742	9.36345	6.43539	-0.0001932	-0.0011491	-0.0007897	-9.03E-05	-5.37E-04	-3.69E-04	-1.78E-04	-1.06E-03	-7.29E-04
3632	475844.83, 3849432.25	1.41013	8.53281	5.86555	-0.000173	-0.0010471	-0.0007198	-8.09E-05	-4.89E-04	-3.36E-04	-1.60E-04	-9.67E-04	-6.64E-04
3633	475844.83, 3849457.25	1.27824	7.85391	5.47112	-0.0001569	-0.0009638	-0.0006714	-7.33E-05	-4.51E-04	-3.14E-04	-1.45E-04	-8.90E-04	-6.20E-04
3634	475844.83, 3849482.25	1.16466	7.30792	5.06612	-0.0001429	-0.0008968	-0.0006217	-6.68E-05	-4.19E-04	-2.91E-04	-1.32E-04	-8.28E-04	-5.74E-04
3635	475869.83, 3849232.25	6.81406	27.27961	20.76345	-0.0008362	-0.0033477	-0.0025481	-3.91E-04	-1.56E-03	-1.19E-03	-7.72E-04	-3.09E-03	-2.35E-03
3636	475869.83, 3849257.25	4.89766	21.30947	16.44015	-0.000601	-0.0026151	-0.0020175	-2.81E-04	-1.22E-03	-9.43E-04	-5.55E-04	-2.41E-03	-1.86E-03
3637	475869.83, 3849282.25	3.76916	17.73539	13.28185	-0.0004625	-0.0021765	-0.0016299	-2.16E-04	-1.02E-03	-7.62E-04	-4.27E-04	-2.01E-03	-1.50E-03
3638	475869.83, 3849307.25	3.033	15.34991	11.06946	-0.0003722	-0.0018837	-0.0013584	-1.74E-04	-8.80E-04	-6.35E-04	-3.44E-04	-1.74E-03	-1.25E-03
3639	475869.83, 3849332.25	2.5086	13.38463	9.33334	-0.0003079	-0.0016425	-0.0011454	-1.44E-04	-7.68E-04	-5.35E-04	-2.84E-04	-1.52E-03	-1.06E-03
3640	475869.83, 3849357.25	2.12285	11.7782	7.92285	-0.0002605	-0.0014454	-0.0009723	-1.22E-04	-6.76E-04	-4.54E-04	-2.40E-04	-1.33E-03	-8.97E-04
3641	475869.83, 3849382.25	1.82759	10.42163	7.03023	-0.0002243	-0.0012789	-0.0008627	-1.05E-04	-5.98E-04	-4.03E-04	-2.07E-04	-1.18E-03	-7.96E-04
3642	475869.83, 3849407.25	1.60043	9.38565	6.3667	-0.0001964	-0.0011518	-0.0007813	-9.18E-05	-5.38E-04	-3.65E-04	-1.81E-04	-1.06E-03	-7.21E-04
3643	475869.83, 3849432.25	1.4345	8.59566	5.8539	-0.000176	-0.0010548	-0.0007184	-8.23E-05	-4.93E-04	-3.36E-04	-1.62E-04	-9.74E-04	-6.63E-04
3644	475869.83, 3849457.25	1.28991	7.8514	5.36547	-0.0001583	-0.0009635	-0.0006584	-7.40E-05	-4.50E-04	-3.08E-04	-1.46E-04	-8.89E-04	-6.08E-04
3645	475869.83, 3849482.25	1.17262	7.28838	5.02756	-0.0001439	-0.0008944	-0.000617	-6.73E-05	-4.18E-04	-2.88E-04	-1.33E-04	-8.26E-04	-5.70E-04
3646	475894.83, 3849232.25	7.3217	28.78252	21.7614	-0.0008985	-0.0035321	-0.0026705	-4.20E-04	-1.65E-03	-1.25E-03	-8.29E-04	-3.26E-03	-2.47E-03
3647	475894.83, 3849257.25	5.1887	22.1118	17.0839	-0.0006367	-0.0027135	-0.0020965	-2.98E-04	-1.27E-03	-9.80E-04	-5.88E-04	-2.50E-03	-1.94E-03
3648	475894.83, 3849282.25	3.961	18.32348	13.77209	-0.0004861	-0.0022486	-0.0016901	-2.27E-04	-1.05E-03	-7.90E-04	-4.49E-04	-2.08E-03	-1.56E-03
3649	475894.83, 3849307.25	3.17148	15.68637	11.35319	-0.0003892	-0.001925	-0.0013932	-1.82E-04	-9.00E-04	-6.51E-04	-3.59E-04	-1.78E-03	-1.29E-03
3650	475894.83, 3849332.25	2.5979	13.55912	9.53038	-0.0003188	-0.001664	-0.0011696	-1.49E-04	-7.78E-04	-5.47E-04	-2.94E-04	-1.54E-03	-1.08E-03
3651	475894.83, 3849357.25	2.18075	11.87647	8.06887	-0.0002676	-0.0014575	-0.0009902	-1.25E-04	-6.81E-04	-4.63E-04	-2.47E-04	-1.35E-03	-9.14E-04
3652	475894.83, 3849382.25	1.87199	10.50426	7.07636	-0.0002297	-0.0012891	-0.0008684	-1.07E-04	-6.03E-04	-4.06E-04	-2.12E-04	-1.19E-03	-8.02E-04
3653	475894.83, 3849407.25	1.63979	9.46949	6.37398	-0.0002012	-0.0011621	-0.0007822	-9.41E-05	-5.43E-04	-3.66E-04	-1.86E-04	-1.07E-03	-7.22E-04
3654	475894.83, 3849432.25	1.46355	8.69582	5.86439	-0.0001796	-0.0010671	-0.0007197	-8.39E-05	-4.99E-04	-3.36E-04	-1.66E-04	-9.85E-04	-6.64E-04
3655	475894.83, 3849457.25	1.31679	7.98347	5.43558	-0.0001616	-0.0009797	-0.000667	-7.55E-05	-4.58E-04	-3.12E-04	-1.49E-04	-9.04E-04	-6.16E-04
3656	475894.83, 3849482.25	1.20142	7.38571	5.05858	-0.0001474	-0.0009064	-0.0006208	-6.89E-05	-4.24E-04	-2.90E-04	-1.36E-04	-8.37E-04	-5.73E-04
3657	475919.83, 3849232.25	7.87985	30.30692	23.10075	-0.000967	-0.0037192	-0.0028349	-4.52E-04	-1.74E-03	-1.33E-03	-8.93E-04	-3.43E-03	-2.62E-03
3658	475919.83, 3849257.25	5.51622	23.20848	17.8281	-0.0006769	-0.0028481	-0.0021878	-3.16E-04	-1.33E-03	-1.02E-03	-6.25E-04	-2.63E-03	-2.02E-03
3659	475919.83, 3849282.25	4.15834	18.9069	14.30999	-0.0005103	-0.0023202	-0.0017561	-2.39E-04	-1.08E-03	-8.21E-04	-4.71E-04	-2.14E-03	-1.62E-03
3660	475919.83, 3849307.25	3.30816	16.02971	11.7017	-0.000406	-0.0019671	-0.001436	-1.90E-04	-9.19E-04	-6.71E-04	-3.75E-04	-1.82E-03	-1.33E-03
3661	475919.83, 3849332.25	2.69862	13.77373	9.70131	-0.0003312	-0.0016903	-0.0011905	-1.55E-04	-7.90E-04	-5.56E-04	-3.06E-04	-1.56E-03	-1.10E-03
3662	475919.83, 3849357.25	2.25357	12.02404	8.29239	-0.0002766	-0.0014756	-0.0010176	-1.29E-04	-6.90E-04	-4.76E-04	-2.55E-04	-1.36E-03	-9.39E-04
3663	475919.83, 3849382.25	1.92251	10.59854	7.18178	-0.0002359	-0.0013006	-0.0008813	-1.10E-04	-6.08E-04	-4.12E-04	-2.18E-04	-1.20E-03	-8.14E-04
3664	475919.83, 3849407.25	1.67245	9.52169	6.39061	-0.0002052	-0.0011685	-0.0007842	-9.59E-05	-5.46E-04	-3.67E-04	-1.89E-04	-1.08E-03	-7.24E-04
3665	475919.83, 3849432.25	1.48193	8.71367	5.80257	-0.0001819	-0.0010693	-0.0007121	-8.50E-05	-5.00E-04	-3.33E-04	-1.68E-04	-9.87E-04	-6.57E-04
3666	475919.83, 3849457.25	1.33094	8.02951	5.41751	-0.0001633	-0.0009854	-0.0006648	-7.63E-05	-4.61E-04	-3.11E-04	-1.51E-04	-9.10E-04	-6.14E-04
3667	475919.83, 3849482.25	1.20784	7.41551	5.02595	-0.0001482	-0.00091	-0.0006168	-6.93E-05	-4.25E-04	-2.88E-04	-1.37E-04	-8.40E-04	-5.69E-04
3668	475944.83, 3849232.25	8.58712	32.15252	24.72119	-0.0010538	-0.0039457	-0.0030337	-4.93E-04	-1.84E-03	-1.42E-03	-9.73E-04	-3.64E-03	-2.80E-03
3669	475944.83, 3849257.25	5.88424	24.3762	18.55708	-0.0007221	-0.0029914	-0.0022773	-3.38E-04	-1.40E-03	-1.06E-03	-6.67E-04	-2.76E-03	-2.10E-03
3670	475944.83, 3849282.25	4.36423	19.42869	14.67002	-0.0005356	-0.0023843	-0.0018003	-2.50E-04	-1.11E-03	-8.41E-04	-4.94E-04	-2.20E-03	-1.66E-03
3671	475944.83, 3849307.25	3.43222	16.26671	12.01328	-0.0004212	-0.0019962	-0.0014742	-1.97E-04	-9.33E-04	-6.89E-04	-3.89E-04	-1.84E-03	-1.36E-03
3672	475944.83, 3849332.25	2.78743	13.9712	9.96467	-0.0003421	-0.0017145	-0.0012228	-1.60E-04	-8.01E-04	-5.72E-04	-3.16E-04	-1.58E-03	-1.13E-03
3673	475944.83, 3849357.25	2.31778	12.09248	8.5422	-0.0002844	-0.001484	-0.0010483	-1.33E-04	-6.94E-04	-4.90E-04	-2.63E-04	-1.37E-03	-9.68E-04
3674	475944.83, 3849382.25	1.97037	10.66389	7.29277	-0.0002418	-0.0013087	-0.000895	-1.13E-04	-6.12E-04	-4.18E-04	-2.23E-04	-1.21E-03	-8.26E-04
3675	475944.83, 3849407.25	1.70923	9.59997	6.53682	-0.0002098	-0.0011781	-0.0008022	-9.80E-05	-5.51E-04	-3.75E-04	-1.94E-04	-1.09E-03	-7.40E-04
3676	475944.83, 3849432.25	1.51073	8.8162	5.89328	-0.0001854	-0.0010819	-0.0007232	-8.67E-05	-5.06E-04	-3.38E-04	-1.71E-04	-9.99E-04	-6.68E-04
3677	475944.83, 3849457.25	1.3623	8.20347	5.47156	-0.0001672	-0.0010067	-0.0006715	-7.81E-05	-4.71E-04	-3.14E-04	-1.54E-04	-9.29E-04	-6.20E-04
3678	475944.83, 3849482.25	1.22365	7.5298	5.04335	-0.0001502	-0.000924	-0.0006189	-7.02E-05	-4.32E-04	-2.89E-04	-1.39E-04	-8.53E-04	-5.71E-04
3679	475969.83, 3849232.25	9.34439	33.89126	26.19008	-0.0011467	-0.0041591	-0.003214	-5.36E-04	-1.94E-03	-1.50E-03	-1.06E-03	-3.84E-03	-2.97E-03
3680	475969.83, 3849257.25	6.21865	25.23784	18.93266	-0.0007631	-0.0030971	-0.0023234	-3.57E-04	-1.45E-03	-1.09E-03	-7.04E-04	-2.86E-03	-2.14E-03
3681	475969.83, 3849282.25	4.56783	19.82578	14.94001	-0.0005606	-0.002433	-0.0018334	-2.62E-04	-1.14E-03	-8.57E-04	-5.17E-04	-2.25E-03	-1.69E-03
3682	475969.83, 3849307.25	3.56321	16.55882	12.32305	-0.0004373	-0.0020321	-0.0015123	-2.04E-04	-9.50E-04	-7.07E-04	-4.04E-04	-1.88E-03	-1.40E-03
3683	475969.83, 3849332.25	2.87843	14.17962	10.20287	-0.0003532	-0.0017401	-0.0012521	-1.65E-04	-8.13E-04	-5.85E-04	-3.26E-04	-1.61E-03	-1.16E-03
3684	475969.83, 3849357.25	2.38551	12.29499	8.79686	-0.0002927	-0.0015088	-0.0010795	-1.37E-04	-7.05E-04	-5.05E-04	-2.70E-04	-1.39E-03	-9.97E-04
3685	475969.83, 3849382.25	2.0241	10.78879	7.46502	-0.0002484	-0.001324	-0.0009161	-1.16E-04	-6.19E-04	-4.28E-04	-2.29E-04	-1.22E-03	-8.46E-04

3686	475969.83, 3849407.25	1.75639	9.73628	6.67522	-0.0002155	-0.0011948	-0.0008192	-1.01E-04	-5.58E-04	-3.83E-04	-1.99E-04	-1.10E-03	-7.56E-04
3687	475969.83, 3849432.25	1.5618	9.03327	6.07371	-0.0001917	-0.0011085	-0.0007454	-8.96E-05	-5.18E-04	-3.48E-04	-1.77E-04	-1.02E-03	-6.88E-04
3688	475969.83, 3849457.25	1.38135	8.27479	5.49967	-0.0001695	-0.0010155	-0.0006749	-7.92E-05	-4.75E-04	-3.15E-04	-1.56E-04	-9.37E-04	-6.23E-04
3689	475969.83, 3849482.25	1.23668	7.59466	5.07674	-0.0001518	-0.000932	-0.000623	-7.09E-05	-4.36E-04	-2.91E-04	-1.40E-04	-8.60E-04	-5.75E-04
3690	475969.83, 3849507.25	1.12065	6.98191	4.68063	-0.0001375	-0.0008568	-0.0005744	-6.43E-05	-4.00E-04	-2.68E-04	-1.27E-04	-7.91E-04	-5.30E-04
3691	475994.83, 3849232.25	9.96085	34.7819	26.92813	-0.0012224	-0.0042684	-0.0033046	-5.71E-04	-2.00E-03	-1.54E-03	-1.13E-03	-3.94E-03	-3.05E-03
3692	475994.83, 3849257.25	6.48888	25.62183	19.05727	-0.0007963	-0.0031443	-0.0023387	-3.72E-04	-1.47E-03	-1.09E-03	-7.35E-04	-2.90E-03	-2.16E-03
3693	475994.83, 3849282.25	4.76436	20.34343	15.12944	-0.0005847	-0.0024965	-0.0018567	-2.73E-04	-1.17E-03	-8.68E-04	-5.40E-04	-2.30E-03	-1.71E-03
3694	475994.83, 3849307.25	3.68375	16.79756	12.57841	-0.0004521	-0.0020614	-0.0015436	-2.11E-04	-9.64E-04	-7.21E-04	-4.17E-04	-1.90E-03	-1.42E-03
3695	475994.83, 3849332.25	2.97363	14.47452	10.47824	-0.0003649	-0.0017763	-0.0012859	-1.71E-04	-8.30E-04	-6.01E-04	-3.37E-04	-1.64E-03	-1.19E-03
3696	475994.83, 3849357.25	2.45922	12.51837	8.8913	-0.0003018	-0.0015362	-0.0010911	-1.41E-04	-7.18E-04	-5.10E-04	-2.79E-04	-1.42E-03	-1.01E-03
3697	475994.83, 3849382.25	2.08371	10.98218	7.72714	-0.0002557	-0.0013477	-0.0009483	-1.20E-04	-6.30E-04	-4.43E-04	-2.36E-04	-1.24E-03	-8.75E-04
3698	475994.83, 3849407.25	1.803	9.87975	6.80241	-0.0002213	-0.0012124	-0.0008348	-1.03E-04	-5.67E-04	-3.90E-04	-2.04E-04	-1.12E-03	-7.71E-04
3699	475994.83, 3849432.25	1.58159	9.04743	6.13994	-0.0001941	-0.0011103	-0.0007535	-9.07E-05	-5.19E-04	-3.52E-04	-1.79E-04	-1.02E-03	-6.96E-04
3700	475994.83, 3849457.25	1.39941	8.31469	5.50946	-0.0001717	-0.0010204	-0.0006761	-8.03E-05	-4.77E-04	-3.16E-04	-1.59E-04	-9.42E-04	-6.24E-04
3701	475994.83, 3849482.25	1.25375	7.65347	5.14153	-0.0001539	-0.0009392	-0.000631	-7.19E-05	-4.39E-04	-2.95E-04	-1.42E-04	-8.67E-04	-5.82E-04
3702	475994.83, 3849507.25	1.13483	7.06315	4.73084	-0.0001393	-0.0008668	-0.0005806	-6.51E-05	-4.05E-04	-2.71E-04	-1.29E-04	-8.00E-04	-5.36E-04
3703	476019.83, 3849257.25	6.60978	25.45157	18.84877	-0.0008111	-0.0031234	-0.0023131	-3.79E-04	-1.46E-03	-1.08E-03	-7.49E-04	-2.88E-03	-2.14E-03
3704	476019.83, 3849282.25	4.89802	20.6223	15.1632	-0.0006011	-0.0025307	-0.0018608	-2.81E-04	-1.18E-03	-8.70E-04	-5.55E-04	-2.34E-03	-1.72E-03
3705	476019.83, 3849307.25	3.79064	16.92313	12.64919	-0.0004652	-0.0020768	-0.0015523	-2.17E-04	-9.71E-04	-7.26E-04	-4.29E-04	-1.92E-03	-1.43E-03
3706	476019.83, 3849332.25	3.05599	14.65528	10.71622	-0.000375	-0.0017985	-0.0013151	-1.75E-04	-8.41E-04	-6.15E-04	-3.46E-04	-1.66E-03	-1.21E-03
3707	476019.83, 3849357.25	2.52996	12.70472	9.01408	-0.0003105	-0.0015591	-0.0011062	-1.45E-04	-7.29E-04	-5.17E-04	-2.87E-04	-1.44E-03	-1.02E-03
3708	476019.83, 3849382.25	2.14452	11.2074	7.88127	-0.0002632	-0.0013754	-0.0009672	-1.23E-04	-6.43E-04	-4.52E-04	-2.43E-04	-1.27E-03	-8.93E-04
3709	476019.83, 3849407.25	1.85161	10.02169	6.93892	-0.0002272	-0.0012298	-0.0008515	-1.06E-04	-5.75E-04	-3.98E-04	-2.10E-04	-1.14E-03	-7.86E-04
3710	476019.83, 3849432.25	1.61635	9.13388	6.23589	-0.0001984	-0.0011209	-0.0007653	-9.27E-05	-5.24E-04	-3.58E-04	-1.83E-04	-1.03E-03	-7.06E-04
3711	476019.83, 3849457.25	1.42334	8.365	5.6009	-0.0001747	-0.0010265	-0.0006873	-8.16E-05	-4.80E-04	-3.21E-04	-1.61E-04	-9.48E-04	-6.34E-04
3712	476019.83, 3849482.25	1.27114	7.68189	5.15655	-0.000156	-0.0009427	-0.0006328	-7.29E-05	-4.41E-04	-2.96E-04	-1.44E-04	-8.70E-04	-5.84E-04
3713	476019.83, 3849507.25	1.14804	7.11337	4.79157	-0.0001409	-0.0008729	-0.000588	-6.59E-05	-4.08E-04	-2.75E-04	-1.30E-04	-8.06E-04	-5.43E-04
3714	476044.83, 3849257.25	6.88539	26.01287	19.22985	-0.000845	-0.0031923	-0.0023599	-3.95E-04	-1.49E-03	-1.10E-03	-7.80E-04	-2.95E-03	-2.18E-03
3715	476044.83, 3849282.25	5.00093	20.79668	15.16761	-0.0006137	-0.0025521	-0.0018613	-2.87E-04	-1.19E-03	-8.70E-04	-5.67E-04	-2.36E-03	-1.72E-03
3716	476044.83, 3849307.25	3.88899	17.20389	12.69553	-0.0004773	-0.0021112	-0.001558	-2.23E-04	-9.87E-04	-7.28E-04	-4.41E-04	-1.95E-03	-1.44E-03
3717	476044.83, 3849332.25	3.14336	14.84208	10.91093	-0.0003857	-0.0018214	-0.001339	-1.80E-04	-8.51E-04	-6.26E-04	-3.56E-04	-1.68E-03	-1.24E-03
3718	476044.83, 3849357.25	2.60612	12.95586	9.17164	-0.0003198	-0.0015899	-0.0011255	-1.49E-04	-7.43E-04	-5.26E-04	-2.95E-04	-1.47E-03	-1.04E-03
3719	476044.83, 3849382.25	2.20652	11.41854	7.94659	-0.0002708	-0.0014013	-0.0009752	-1.27E-04	-6.55E-04	-4.56E-04	-2.50E-04	-1.29E-03	-9.00E-04
3720	476044.83, 3849407.25	1.89931	10.1761	7.04609	-0.0002331	-0.0012488	-0.0008647	-1.09E-04	-5.84E-04	-4.04E-04	-2.15E-04	-1.15E-03	-7.98E-04
3721	476044.83, 3849432.25	1.6524	9.20706	6.2801	-0.0002028	-0.0011299	-0.0007707	-9.48E-05	-5.28E-04	-3.60E-04	-1.87E-04	-1.04E-03	-7.11E-04
3722	476044.83, 3849457.25	1.44783	8.39025	5.6901	-0.0001777	-0.0010296	-0.0006983	-8.30E-05	-4.81E-04	-3.26E-04	-1.64E-04	-9.50E-04	-6.45E-04
3723	476044.83, 3849482.25	1.28914	7.69186	5.15021	-0.0001582	-0.0009439	-0.000632	-7.39E-05	-4.41E-04	-2.95E-04	-1.46E-04	-8.71E-04	-5.83E-04
3724	476044.83, 3849507.25	1.16156	7.14295	4.84219	-0.0001425	-0.0008766	-0.0005942	-6.66E-05	-4.10E-04	-2.78E-04	-1.32E-04	-8.09E-04	-5.49E-04
3725	476069.83, 3849257.25	7.33503	27.17417	20.13543	-0.0009001	-0.0033348	-0.002471	-4.21E-04	-1.56E-03	-1.15E-03	-8.31E-04	-3.08E-03	-2.28E-03
3726	476069.83, 3849282.25	5.25191	21.46513	15.74811	-0.0006445	-0.0026342	-0.0019326	-3.01E-04	-1.23E-03	-9.03E-04	-5.95E-04	-2.43E-03	-1.78E-03
3727	476069.83, 3849307.25	4.0119	17.53883	12.83655	-0.0004923	-0.0021523	-0.0015753	-2.30E-04	-1.01E-03	-7.36E-04	-4.54E-04	-1.99E-03	-1.45E-03
3728	476069.83, 3849332.25	3.22633	14.98075	10.9266	-0.0003959	-0.0018384	-0.0013409	-1.85E-04	-8.59E-04	-6.27E-04	-3.65E-04	-1.70E-03	-1.24E-03
3729	476069.83, 3849357.25	2.67529	13.14452	9.18573	-0.0003283	-0.0016131	-0.0011273	-1.53E-04	-7.54E-04	-5.27E-04	-3.03E-04	-1.49E-03	-1.04E-03
3730	476069.83, 3849382.25	2.26106	11.56841	8.1168	-0.0002775	-0.0014197	-0.0009961	-1.30E-04	-6.64E-04	-4.66E-04	-2.56E-04	-1.31E-03	-9.19E-04
3731	476069.83, 3849407.25	1.93802	10.32285	7.10959	-0.0002378	-0.0012668	-0.0008725	-1.11E-04	-5.92E-04	-4.08E-04	-2.20E-04	-1.17E-03	-8.05E-04
3732	476069.83, 3849432.25	1.68323	9.23731	6.42982	-0.0002066	-0.0011336	-0.0007891	-9.66E-05	-5.30E-04	-3.69E-04	-1.91E-04	-1.05E-03	-7.28E-04
3733	476069.83, 3849457.25	1.47262	8.38703	5.77459	-0.0001807	-0.0010292	-0.0007086	-8.45E-05	-4.81E-04	-3.31E-04	-1.67E-04	-9.50E-04	-6.54E-04
3734	476069.83, 3849482.25	1.30709	7.71057	5.27471	-0.0001604	-0.0009462	-0.0006473	-7.50E-05	-4.42E-04	-3.03E-04	-1.48E-04	-8.73E-04	-5.98E-04
3735	476069.83, 3849507.25	1.17434	7.14628	4.84375	-0.0001441	-0.000877	-0.0005944	-6.74E-05	-4.10E-04	-2.78E-04	-1.33E-04	-8.10E-04	-5.49E-04
3736	476094.83, 3849257.25	7.88605	28.7755	21.24368	-0.0009678	-0.0035313	-0.002607	-4.52E-04	-1.65E-03	-1.22E-03	-8.93E-04	-3.26E-03	-2.41E-03
3737	476094.83, 3849282.25	5.56048	22.3409	16.47769	-0.0006824	-0.0027416	-0.0020221	-3.19E-04	-1.28E-03	-9.45E-04	-6.30E-04	-2.53E-03	-1.87E-03
3738	476094.83, 3849307.25	4.18059	17.98867	13.09068	-0.000513	-0.0022075	-0.0016065	-2.40E-04	-1.03E-03	-7.51E-04	-4.74E-04	-2.04E-03	-1.48E-03
3739	476094.83, 3849332.25	3.31803	15.20042	11.04844	-0.0004072	-0.0018654	-0.0013558	-1.90E-04	-8.72E-04	-6.34E-04	-3.76E-04	-1.72E-03	-1.25E-03
3740	476094.83, 3849357.25	2.7351	13.25239	9.29288	-0.0003356	-0.0016263	-0.0011404	-1.57E-04	-7.60E-04	-5.33E-04	-3.10E-04	-1.50E-03	-1.05E-03
3741	476094.83, 3849382.25	2.30291	11.69726	8.20404	-0.0002826	-0.0014355	-0.0010068	-1.32E-04	-6.71E-04	-4.71E-04	-2.61E-04	-1.33E-03	-9.29E-04
3742	476094.83, 3849407.25	1.96729	10.39474	7.16889	-0.0002414	-0.0012756	-0.0008798	-1.13E-04	-5.96E-04	-4.11E-04	-2.23E-04	-1.18E-03	-8.12E-04
3743	476094.83, 3849432.25	1.70691	9.32635	6.46233	-0.0002095	-0.0011445	-0.000793	-9.79E-05	-5.35E-04	-3.71E-04	-1.93E-04	-1.06E-03	-7.32E-04
3744	476094.83, 3849457.25	1.49263	8.39803	5.7952	-0.0001832	-0.0010306	-0.0007112	-8.56E-05	-4.82E-04	-3.32E-04	-1.69E-04	-9.51E-04	-6.56E-04
3745	476094.83, 3849482.25	1.3232	7.69958	5.31838	-0.0001624	-0.0009449	-0.0006527	-7.59E-05	-4.42E-04	-3.05E-04	-1.50E-04	-8.72E-04	-6.02E-04
3746	476094.83, 3849507.25	1.18719	7.12751	4.89051	-0.0001457	-0.0008747	-0.0006002	-6.81E-05	-4.09E-04	-2.81E-04	-1.34E-04	-8.07E-04	-5.54E-04
3747	476119.83, 3849257.25	8.46352	30.35126	22.444	-0.0010386	-0.0037247	-0.0027543	-4.85E-04	-1.74E-03	-1.29E-03	-9.59E-04	-3.44E-03	-2.54E-03
3748	476119.83, 3849282.25	5.85246	23.17817	16.99278	-0.0007182	-0.0028444	-0.0020853	-3.36E-04	-1.33E-03	-9.75E-04	-6.63E-04	-2.63E-03	-1.92E-03
3749	476119.83, 3849307.25	4.35497	18.47121	13.47785	-0.0005344	-0.0022668	-0.001654	-2.50E-04	-1.06E-03	-7.73E-04	-4.93E-04	-2.09E-03	-1.53E-03
3750	476119.83, 3849332.25	3.44007	15.58867	11.21808	-0.0004222	-0.001913	-0.0013767	-1.97E-04	-8.94E-04	-6.43E-04	-3.90E-04	-1.77E-03	-1.27E-03
3751	476119.83, 3849357.25	2.80157	13.3691	9.43677	-0.0003438	-0.0016406	-0.0011581	-1.61E-04	-7.67E-04	-5.41E-04	-3.17E-04	-1.51E-03	-1.07E-03
3752	476119.83, 3849382.25	2.33777	11.76599	8.18375	-0.0002869	-0.0014439	-0.0010043	-1.34E-04	-6.75E-04	-4.69E-04	-2.65E-04	-1.33E-03	-9.27E-04
3753	476119.83, 3849407.25	1.99139	10.41646	7.29417	-0.0002444	-0.0012783	-0.0008951	-1.14E-04	-5.97E-04	-4.18E-04	-2.26E-04	-1.18E-03	-8.26E-04
3754	476119.83, 3849432.25	1.72411	9.35807	6.43498	-0.0002116	-0.0011484	-0.0007897	-9.89E-05	-5.37E-04	-3.69E-04	-1.95E-04	-1.06E-03	-7.29E-04
3755	476119.83, 3849457.25	1.50904	8.45033	5.79403	-0.0001852	-0.001037	-0.000711	-8.66E-05	-4.85E-04	-3.32E-04	-1.71E-04	-9.57E-04	-6.56E-04
3756	476119.83, 3849482.25	1.33751	7.65642	5.31783	-0.0001641	-0.0009396	-0.0006526	-7.67E-05	-4.39E-04	-3.05E-04	-1.52E-04	-8.67E-04	-6.02E-04
3757	476119.83, 3849507.25	1.19856	7.07321	4.90389	-0.0001471	-0.000868	-0.0006018	-6.87E-05	-4.06E-04	-2.81E-04	-1.36E-04	-8.01E-04	-5.56E-04
3758	476144.83, 3849257.25	9.13904	32.15308	23.69193	-0.0011215	-0.0039458	-0.0029074	-5.24E-04	-1.84E-03	-1.36E-03	-1.04E-03	-3.64E-03	-2.68E-03
3759	476144.83, 3849282.25	6.16285	24.01277	17.60548	-0.0007563	-0.0029468	-0.0021605	-3.54E-04	-1.38E-03	-1.01E-03	-6.98E-04	-2.72E-03	-1.99E-03
3760	476144.83, 3849307.25	4.51712	18.93017	13.7275	-0.0005543	-0.0023231	-0.0016846	-2.59E-04	-1.09E-03	-7.87E-04	-5.12E-04	-2.14E-03	-1.56E-03
3761	476144.83, 3849332.25	3.53833	15.88777	11.37684	-0.0004342	-0.0019497	-0.0013961	-2.03E-04	-9.11E-04	-6.53E-04	-4.01E-04	-1.80E-03	-1.29E-03
3762	476144.83, 3849357.25	2.86053	13.52057	9.59297	-0.000351	-0.0016592	-0.0011772	-1.64E-04	-7.76E-04	-5.50E-04	-3.24E-04	-1.53E-03	-1.09E-03
3763	476144.83, 3849382.25	2.37224	11.81065	8.20449	-0.0002911	-0.0014494	-0.0010068	-1.36E-04	-6.77E-04	-4.71E-04	-2.69E-04	-1.34E-03	-9.29E-04
3764	476144.83, 3849407.25	2.01235	10.44082	7.27109	-0.000247	-0.0012813	-0.0008923	-1.15E-04	-5.99E-04	-4.17E-04	-2.28E-04	-1.18E-03	-8.24E-04
3765	476144.83, 3849432.25	1.73972	9.35721	6.45326	-0.0002135	-0.0011483	-0.0007919	-9.98E-05	-5.37E-04	-3.70E-04	-1.97E-04	-1.06E-03	-7.31E-04
3766	476144.83, 3849457.25	1.52364	8.46428	5.76456	-0.000187	-0.0010387	-0.0007074	-8.74E-05	-4.86E-04	-3.31E-04	-1.73E-04	-9.59E-04	-6.53E-04
3767	476144.83, 3849482.25	1.35068	7.65071	5.3534	-0.0001658	-0.0009389	-0.000657	-7.75E-05	-4.39E-04	-3.07E-04	-1.53E-04	-8.67E-04	-6.06E-04

3768	476144.83, 3849507.25	1.20921	6.98386	4.87449	-0.0001484	-0.000857	-0.0005982	-6.94E-05	-4.01E-04	-2.80E-04	-1.37E-04	-7.91E-04	-5.52E-04
3769	476144.83, 3849532.25	1.09161	6.49822	4.54678	-0.000134	-0.0007975	-0.000558	-6.26E-05	-3.73E-04	-2.61E-04	-1.24E-04	-7.36E-04	-5.15E-04
3770	476169.83, 3849257.25	10.00902	34.59442	25.61324	-0.0012283	-0.0042454	-0.0031432	-5.74E-04	-1.98E-03	-1.47E-03	-1.13E-03	-3.92E-03	-2.90E-03
3771	476169.83, 3849282.25	6.49351	24.79654	18.03836	-0.0007969	-0.003043	-0.0022136	-3.72E-04	-1.42E-03	-1.03E-03	-7.36E-04	-2.81E-03	-2.04E-03
3772	476169.83, 3849307.25	4.69862	19.45166	13.926	-0.0005766	-0.0023871	-0.001709	-2.70E-04	-1.12E-03	-7.99E-04	-5.32E-04	-2.20E-03	-1.58E-03
3773	476169.83, 3849332.25	3.63186	16.18646	11.54814	-0.0004457	-0.0019864	-0.0014172	-2.08E-04	-9.28E-04	-6.62E-04	-4.11E-04	-1.83E-03	-1.31E-03
3774	476169.83, 3849357.25	2.91249	13.73181	9.66007	-0.0003574	-0.0016851	-0.0011855	-1.67E-04	-7.88E-04	-5.54E-04	-3.30E-04	-1.56E-03	-1.09E-03
3775	476169.83, 3849382.25	2.40383	11.88645	8.2523	-0.000295	-0.0014587	-0.0010127	-1.38E-04	-6.82E-04	-4.73E-04	-2.72E-04	-1.35E-03	-9.35E-04
3776	476169.83, 3849407.25	2.0335	10.45119	7.24533	-0.0002495	-0.0012826	-0.0008891	-1.17E-04	-5.99E-04	-4.16E-04	-2.30E-04	-1.18E-03	-8.21E-04
3777	476169.83, 3849432.25	1.75687	9.33595	6.42421	-0.0002156	-0.0011457	-0.0007884	-1.01E-04	-5.36E-04	-3.68E-04	-1.99E-04	-1.06E-03	-7.28E-04
3778	476169.83, 3849457.25	1.54028	8.45661	5.76168	-0.000189	-0.0010378	-0.0007071	-8.84E-05	-4.85E-04	-3.30E-04	-1.74E-04	-9.58E-04	-6.53E-04
3779	476169.83, 3849482.25	1.36367	7.63705	5.35655	-0.0001673	-0.0009372	-0.0006573	-7.82E-05	-4.38E-04	-3.07E-04	-1.54E-04	-8.65E-04	-6.07E-04
3780	476169.83, 3849507.25	1.21846	6.92638	4.99739	-0.0001495	-0.00085	-0.0006133	-6.99E-05	-3.97E-04	-2.87E-04	-1.38E-04	-7.85E-04	-5.66E-04
3781	476169.83, 3849532.25	1.09802	6.41527	4.5135	-0.0001347	-0.0007873	-0.0005539	-6.30E-05	-3.68E-04	-2.59E-04	-1.24E-04	-7.27E-04	-5.11E-04
3782	476194.83, 3849282.25	6.86175	25.7389	18.66076	-0.0008421	-0.0031586	-0.00229	-3.94E-04	-1.48E-03	-1.07E-03	-7.77E-04	-2.92E-03	-2.11E-03
3783	476194.83, 3849307.25	4.89598	19.98613	14.36377	-0.0006008	-0.0024527	-0.0017627	-2.81E-04	-1.15E-03	-8.24E-04	-5.55E-04	-2.26E-03	-1.63E-03
3784	476194.83, 3849332.25	3.7347	16.52732	11.75805	-0.0004583	-0.0020282	-0.0014429	-2.14E-04	-9.48E-04	-6.74E-04	-4.23E-04	-1.87E-03	-1.33E-03
3785	476194.83, 3849357.25	2.96793	13.96218	9.74695	-0.0003642	-0.0017134	-0.0011961	-1.70E-04	-8.01E-04	-5.59E-04	-3.36E-04	-1.58E-03	-1.10E-03
3786	476194.83, 3849382.25	2.43343	11.96975	8.28529	-0.0002986	-0.0014689	-0.0010168	-1.40E-04	-6.87E-04	-4.75E-04	-2.76E-04	-1.36E-03	-9.39E-04
3787	476194.83, 3849407.25	2.05066	10.50864	7.19569	-0.0002517	-0.0012896	-0.000883	-1.18E-04	-6.03E-04	-4.13E-04	-2.32E-04	-1.19E-03	-8.15E-04
3788	476194.83, 3849432.25	1.77225	9.34376	6.36476	-0.0002175	-0.0011467	-0.0007811	-1.02E-04	-5.36E-04	-3.65E-04	-2.01E-04	-1.06E-03	-7.21E-04
3789	476194.83, 3849457.25	1.55142	8.44251	5.73633	-0.0001904	-0.0010361	-0.000704	-8.90E-05	-4.84E-04	-3.29E-04	-1.76E-04	-9.56E-04	-6.50E-04
3790	476194.83, 3849482.25	1.37306	7.65336	5.35096	-0.0001685	-0.0009392	-0.0006567	-7.88E-05	-4.39E-04	-3.07E-04	-1.56E-04	-8.67E-04	-6.06E-04
3791	476194.83, 3849507.25	1.22641	6.99405	4.99651	-0.0001505	-0.0008583	-0.0006132	-7.03E-05	-4.01E-04	-2.87E-04	-1.39E-04	-7.92E-04	-5.66E-04
3792	476194.83, 3849532.25	1.10434	6.40296	4.60985	-0.0001355	-0.0007858	-0.0005657	-6.33E-05	-3.67E-04	-2.64E-04	-1.25E-04	-7.25E-04	-5.22E-04
3793	476219.83, 3849282.25	7.27135	26.92598	19.67071	-0.0008923	-0.0033043	-0.002414	-4.17E-04	-1.54E-03	-1.13E-03	-8.24E-04	-3.05E-03	-2.23E-03
3794	476219.83, 3849307.25	5.10238	20.50708	14.74696	-0.0006262	-0.0025166	-0.0018097	-2.93E-04	-1.18E-03	-8.46E-04	-5.78E-04	-2.32E-03	-1.67E-03
3795	476219.83, 3849332.25	3.84147	16.85995	11.92866	-0.0004714	-0.002069	-0.0014639	-2.20E-04	-9.67E-04	-6.84E-04	-4.35E-04	-1.91E-03	-1.35E-03
3796	476219.83, 3849357.25	3.02875	14.20301	9.85191	-0.0003717	-0.001743	-0.001209	-1.74E-04	-8.15E-04	-5.65E-04	-3.43E-04	-1.61E-03	-1.12E-03
3797	476219.83, 3849382.25	2.47115	12.11836	8.29006	-0.0003033	-0.0014871	-0.0010173	-1.42E-04	-6.95E-04	-4.76E-04	-2.80E-04	-1.37E-03	-9.39E-04
3798	476219.83, 3849407.25	2.07389	10.59346	7.18402	-0.0002545	-0.0013	-0.0008816	-1.19E-04	-6.08E-04	-4.12E-04	-2.35E-04	-1.20E-03	-8.14E-04
3799	476219.83, 3849432.25	1.78522	9.47085	6.3406	-0.0002191	-0.0011622	-0.0007781	-1.02E-04	-5.43E-04	-3.64E-04	-2.02E-04	-1.07E-03	-7.18E-04
3800	476219.83, 3849457.25	1.56021	8.55022	5.74815	-0.0001915	-0.0010493	-0.0007054	-8.95E-05	-4.90E-04	-3.30E-04	-1.77E-04	-9.69E-04	-6.51E-04
3801	476219.83, 3849482.25	1.3802	7.73183	5.30572	-0.0001694	-0.0009488	-0.0006511	-7.92E-05	-4.43E-04	-3.04E-04	-1.56E-04	-8.76E-04	-6.01E-04
3802	476219.83, 3849507.25	1.23204	7.03841	4.98784	-0.0001512	-0.0008637	-0.0006121	-7.07E-05	-4.04E-04	-2.86E-04	-1.40E-04	-7.97E-04	-5.65E-04
3803	476219.83, 3849532.25	1.10857	6.44043	4.65077	-0.000136	-0.0007904	-0.0005707	-6.36E-05	-3.69E-04	-2.67E-04	-1.26E-04	-7.30E-04	-5.27E-04
3804	476244.83, 3849282.25	7.75089	28.32577	20.63364	-0.0009512	-0.0034761	-0.0025321	-4.45E-04	-1.62E-03	-1.18E-03	-8.78E-04	-3.21E-03	-2.34E-03
3805	476244.83, 3849307.25	5.31627	21.11304	15.22911	-0.0006524	-0.002591	-0.0018689	-3.05E-04	-1.21E-03	-8.74E-04	-6.02E-04	-2.39E-03	-1.73E-03
3806	476244.83, 3849332.25	3.94759	17.14562	12.075	-0.0004844	-0.0021041	-0.0014818	-2.26E-04	-9.83E-04	-6.93E-04	-4.47E-04	-1.94E-03	-1.37E-03
3807	476244.83, 3849357.25	3.08821	14.3952	9.79024	-0.000379	-0.0017666	-0.0012014	-1.77E-04	-8.26E-04	-5.62E-04	-3.50E-04	-1.63E-03	-1.11E-03
3808	476244.83, 3849382.25	2.51182	12.34142	8.27421	-0.0003082	-0.0015145	-0.0010154	-1.44E-04	-7.08E-04	-4.75E-04	-2.85E-04	-1.40E-03	-9.37E-04
3809	476244.83, 3849407.25	2.10122	10.79537	7.13715	-0.0002579	-0.0013248	-0.0008759	-1.21E-04	-6.19E-04	-4.09E-04	-2.38E-04	-1.22E-03	-8.08E-04
3810	476244.83, 3849432.25	1.79424	9.61217	6.27277	-0.0002202	-0.0011796	-0.0007698	-1.03E-04	-5.51E-04	-3.60E-04	-2.03E-04	-1.09E-03	-7.11E-04
3811	476244.83, 3849457.25	1.56767	8.65394	5.74905	-0.0001924	-0.001062	-0.0007055	-8.99E-05	-4.96E-04	-3.30E-04	-1.78E-04	-9.80E-04	-6.51E-04
3812	476244.83, 3849482.25	1.38639	7.76681	5.25998	-0.0001701	-0.0009531	-0.0006455	-7.95E-05	-4.46E-04	-3.02E-04	-1.57E-04	-8.80E-04	-5.96E-04
3813	476244.83, 3849507.25	1.23731	7.05771	4.98573	-0.0001518	-0.0008661	-0.0006118	-7.10E-05	-4.05E-04	-2.86E-04	-1.40E-04	-7.99E-04	-5.65E-04
3814	476244.83, 3849532.25	1.11317	6.46975	4.66791	-0.0001366	-0.000794	-0.0005728	-6.39E-05	-3.71E-04	-2.68E-04	-1.26E-04	-7.33E-04	-5.29E-04
3815	476269.83, 3849282.25	8.31436	29.99192	21.90772	-0.0010203	-0.0036806	-0.0026885	-4.77E-04	-1.72E-03	-1.26E-03	-9.42E-04	-3.40E-03	-2.48E-03
3816	476269.83, 3849307.25	5.53706	21.77821	15.80338	-0.0006795	-0.0026726	-0.0019394	-3.18E-04	-1.25E-03	-9.06E-04	-6.27E-04	-2.47E-03	-1.79E-03
3817	476269.83, 3849332.25	4.0513	17.40277	12.22974	-0.0004972	-0.0021356	-0.0015008	-2.32E-04	-9.98E-04	-7.01E-04	-4.59E-04	-1.97E-03	-1.39E-03
3818	476269.83, 3849357.25	3.14588	14.64345	9.86854	-0.0003861	-0.001797	-0.0012111	-1.80E-04	-8.40E-04	-5.66E-04	-3.56E-04	-1.66E-03	-1.12E-03
3819	476269.83, 3849382.25	2.54226	12.58516	8.28238	-0.000312	-0.0015444	-0.0010164	-1.46E-04	-7.22E-04	-4.75E-04	-2.88E-04	-1.43E-03	-9.38E-04
3820	476269.83, 3849407.25	2.115	10.94429	7.16582	-0.0002595	-0.0013431	-0.0008794	-1.21E-04	-6.28E-04	-4.11E-04	-2.40E-04	-1.24E-03	-8.12E-04
3821	476269.83, 3849432.25	1.8011	9.71078	6.29596	-0.000221	-0.0011917	-0.0007726	-1.03E-04	-5.57E-04	-3.61E-04	-2.04E-04	-1.10E-03	-7.13E-04
3822	476269.83, 3849457.25	1.57289	8.7466	5.74038	-0.000193	-0.0010734	-0.0007044	-9.02E-05	-5.02E-04	-3.29E-04	-1.78E-04	-9.91E-04	-6.50E-04
3823	476269.83, 3849482.25	1.38926	7.85106	5.27959	-0.0001705	-0.0009635	-0.0006479	-7.97E-05	-4.50E-04	-3.03E-04	-1.57E-04	-8.89E-04	-5.98E-04
3824	476269.83, 3849507.25	1.23998	7.09338	4.90757	-0.0001522	-0.0008705	-0.0006022	-7.11E-05	-4.07E-04	-2.81E-04	-1.40E-04	-8.04E-04	-5.56E-04
3825	476269.83, 3849532.25	1.11647	6.49344	4.60589	-0.000137	-0.0007969	-0.0005652	-6.40E-05	-3.72E-04	-2.64E-04	-1.26E-04	-7.36E-04	-5.22E-04
3826	476294.83, 3849282.25	8.9725	31.92936	23.62425	-0.0011011	-0.0039183	-0.0028991	-5.15E-04	-1.83E-03	-1.36E-03	-1.02E-03	-3.62E-03	-2.68E-03
3827	476294.83, 3849307.25	5.70158	22.25473	16.06048	-0.0006997	-0.0027311	-0.0019709	-3.27E-04	-1.28E-03	-9.21E-04	-6.46E-04	-2.52E-03	-1.82E-03
3828	476294.83, 3849332.25	4.10274	17.55499	12.21437	-0.0005035	-0.0021543	-0.0014989	-2.35E-04	-1.01E-03	-7.01E-04	-4.65E-04	-1.99E-03	-1.38E-03
3829	476294.83, 3849357.25	3.16593	14.77803	9.69836	-0.0003885	-0.0018135	-0.0011902	-1.82E-04	-8.48E-04	-5.56E-04	-3.59E-04	-1.67E-03	-1.10E-03
3830	476294.83, 3849382.25	2.54966	12.74457	8.23608	-0.0003129	-0.001564	-0.0010107	-1.46E-04	-7.31E-04	-4.72E-04	-2.89E-04	-1.44E-03	-9.33E-04
3831	476294.83, 3849407.25	2.1183	11.11355	7.18165	-0.00026	-0.0013638	-0.0008813	-1.22E-04	-6.37E-04	-4.12E-04	-2.40E-04	-1.26E-03	-8.14E-04
3832	476294.83, 3849432.25	1.80401	9.75894	6.38108	-0.0002214	-0.0011976	-0.0007831	-1.03E-04	-5.60E-04	-3.66E-04	-2.04E-04	-1.11E-03	-7.23E-04
3833	476294.83, 3849457.25	1.57413	8.76064	5.75673	-0.0001932	-0.0010751	-0.0007065	-9.03E-05	-5.03E-04	-3.30E-04	-1.78E-04	-9.92E-04	-6.52E-04
3834	476294.83, 3849482.25	1.39225	7.89104	5.33679	-0.0001709	-0.0009684	-0.0006549	-7.99E-05	-4.53E-04	-3.06E-04	-1.58E-04	-8.94E-04	-6.05E-04
3835	476294.83, 3849507.25	1.24381	7.1619	4.8708	-0.0001526	-0.0008789	-0.0005977	-7.13E-05	-4.11E-04	-2.79E-04	-1.41E-04	-8.11E-04	-5.52E-04
3836	476294.83, 3849532.25	1.1202	6.52046	4.55922	-0.0001375	-0.0008002	-0.0005595	-6.43E-05	-3.74E-04	-2.62E-04	-1.27E-04	-7.39E-04	-5.16E-04
3837	476319.83, 3849282.25	9.77632	34.27723	25.74943	-0.0011997	-0.0042064	-0.0031599	-5.61E-04	-1.97E-03	-1.48E-03	-1.11E-03	-3.88E-03	-2.92E-03
3838	476319.83, 3849307.25	5.88732	22.93753	16.44143	-0.0007225	-0.0028149	-0.0020177	-3.38E-04	-1.32E-03	-9.43E-04	-6.67E-04	-2.60E-03	-1.86E-03
3839	476319.83, 3849332.25	4.16953	17.96635	12.26729	-0.0005117	-0.0022048	-0.0015054	-2.39E-04	-1.03E-03	-7.04E-04	-4.72E-04	-2.04E-03	-1.39E-03
3840	476319.83, 3849357.25	3.19231	15.01611	9.83183	-0.0003918	-0.0018428	-0.0012065	-1.83E-04	-8.61E-04	-5.64E-04	-3.62E-04	-1.70E-03	-1.11E-03
3841	476319.83, 3849382.25	2.54473	12.84038	8.31159	-0.0003123	-0.0015757	-0.00102	-1.46E-04	-7.37E-04	-4.77E-04	-2.88E-04	-1.45E-03	-9.42E-04
3842	476319.83, 3849407.25	2.10068	11.12471	7.17596	-0.0002578	-0.0013652	-0.0008806	-1.20E-04	-6.38E-04	-4.12E-04	-2.38E-04	-1.26E-03	-8.13E-04
3843	476319.83, 3849432.25	1.80562	9.85493	6.4038	-0.0002216	-0.0012094	-0.0007859	-1.04E-04	-5.65E-04	-3.67E-04	-2.05E-04	-1.12E-03	-7.25E-04
3844	476319.83, 3849457.25	1.57347	8.72991	5.75149	-0.0001931	-0.0010713	-0.0007058	-9.03E-05	-5.01E-04	-3.30E-04	-1.78E-04	-9.89E-04	-6.52E-04
3845	476319.83, 3849482.25	1.39173	7.87578	5.31952	-0.0001708	-0.0009665	-0.0006528	-7.98E-05	-4.52E-04	-3.05E-04	-1.58E-04	-8.92E-04	-6.03E-04
3846	476319.83, 3849507.25	1.24372	7.16313	4.91604	-0.0001526	-0.000879	-0.0006033	-7.13E-05	-4.11E-04	-2.82E-04	-1.41E-04	-8.11E-04	-5.57E-04
3847	476319.83, 3849532.25	1.12067	6.53965	4.53399	-0.0001375	-0.0008025	-0.0005564	-6.43E-05	-3.75E-04	-2.60E-04	-1.27E-04	-7.41E-04	-5.14E-04
3848	476319.83, 3849557.25	1.01744	6.02629	4.14858	-0.0001249	-0.0007395	-0.0005091	-5.84E-05	-3.46E-04	-2.38E-04	-1.15E-04	-6.83E-04	-4.70E-04
3849	476344.83, 3849307.25	6.02986	23.63019	16.70464	-0.00074	-0.0028999	-0.00205	-3.46E-04	-1.36E-03	-9.58E-04	-6.83E-04	-2.68E-03	-1.89E-03

3850	476344.83, 3849332.25	4.19797	18.32857	12.32638	-0.0005152	-0.0022493	-0.0015127	-2.41E-04	-1.05E-03	-7.07E-04	-4.76E-04	-2.08E-03	-1.40E-03
3851	476344.83, 3849357.25	3.20173	15.10558	9.93691	-0.0003929	-0.0018537	-0.0012194	-1.84E-04	-8.66E-04	-5.70E-04	-3.63E-04	-1.71E-03	-1.13E-03
3852	476344.83, 3849382.25	2.54071	12.81765	8.29788	-0.0003118	-0.001573	-0.0010183	-1.46E-04	-7.35E-04	-4.76E-04	-2.88E-04	-1.45E-03	-9.40E-04
3853	476344.83, 3849407.25	2.09067	11.06743	7.15453	-0.0002566	-0.0013582	-0.000878	-1.20E-04	-6.35E-04	-4.10E-04	-2.37E-04	-1.25E-03	-8.10E-04
3854	476344.83, 3849432.25	1.804	9.86013	6.33764	-0.0002214	-0.00121	-0.0007777	-1.03E-04	-5.66E-04	-3.64E-04	-2.04E-04	-1.12E-03	-7.18E-04
3855	476344.83, 3849457.25	1.57322	8.78334	5.72908	-0.0001931	-0.0010779	-0.0007031	-9.02E-05	-5.04E-04	-3.29E-04	-1.78E-04	-9.95E-04	-6.49E-04
3856	476344.83, 3849482.25	1.39136	7.85994	5.25833	-0.0001707	-0.0009646	-0.0006453	-7.98E-05	-4.51E-04	-3.02E-04	-1.58E-04	-8.90E-04	-5.96E-04
3857	476344.83, 3849507.25	1.24355	7.14361	4.9557	-0.0001526	-0.0008767	-0.0006082	-7.13E-05	-4.10E-04	-2.84E-04	-1.41E-04	-8.09E-04	-5.61E-04
3858	476344.83, 3849532.25	1.1211	6.5474	4.51902	-0.0001376	-0.0008035	-0.0005546	-6.43E-05	-3.76E-04	-2.59E-04	-1.27E-04	-7.42E-04	-5.12E-04
3859	476344.83, 3849557.25	1.01869	6.02439	4.17662	-0.000125	-0.0007393	-0.0005125	-5.84E-05	-3.46E-04	-2.40E-04	-1.15E-04	-6.82E-04	-4.73E-04
3860	476369.83, 3849307.25	6.31717	25.23252	17.84591	-0.0007752	-0.0030965	-0.00219	-3.62E-04	-1.45E-03	-1.02E-03	-7.16E-04	-2.86E-03	-2.02E-03
3861	476369.83, 3849332.25	4.21208	18.53412	12.5829	-0.0005169	-0.0022745	-0.0015442	-2.42E-04	-1.06E-03	-7.22E-04	-4.77E-04	-2.10E-03	-1.43E-03
3862	476369.83, 3849357.25	3.19238	15.1029	9.91613	-0.0003918	-0.0018534	-0.0012169	-1.83E-04	-8.66E-04	-5.69E-04	-3.62E-04	-1.71E-03	-1.12E-03
3863	476369.83, 3849382.25	2.55669	12.89736	8.36979	-0.0003138	-0.0015827	-0.0010271	-1.47E-04	-7.40E-04	-4.80E-04	-2.90E-04	-1.46E-03	-9.48E-04
3864	476369.83, 3849407.25	2.11567	11.23148	7.21389	-0.0002596	-0.0013783	-0.0008853	-1.21E-04	-6.44E-04	-4.14E-04	-2.40E-04	-1.27E-03	-8.17E-04
3865	476369.83, 3849432.25	1.80243	9.90731	6.2991	-0.0002212	-0.0012158	-0.000773	-1.03E-04	-5.68E-04	-3.61E-04	-2.04E-04	-1.12E-03	-7.14E-04
3866	476369.83, 3849457.25	1.57256	8.8683	5.69162	-0.000193	-0.0010883	-0.0006985	-9.02E-05	-5.09E-04	-3.26E-04	-1.78E-04	-1.00E-03	-6.45E-04
3867	476369.83, 3849482.25	1.39044	7.96494	5.23696	-0.0001706	-0.0009774	-0.0006427	-7.98E-05	-4.57E-04	-3.00E-04	-1.58E-04	-9.02E-04	-5.93E-04
3868	476369.83, 3849507.25	1.24333	7.20171	4.82979	-0.0001526	-0.0008838	-0.0005927	-7.13E-05	-4.13E-04	-2.77E-04	-1.41E-04	-8.16E-04	-5.47E-04
3869	476369.83, 3849532.25	1.12212	6.582	4.52094	-0.0001377	-0.0008077	-0.0005548	-6.44E-05	-3.78E-04	-2.59E-04	-1.27E-04	-7.46E-04	-5.12E-04
3870	476369.83, 3849557.25	1.02009	6.04932	4.16458	-0.0001252	-0.0007424	-0.0005111	-5.85E-05	-3.47E-04	-2.39E-04	-1.16E-04	-6.85E-04	-4.72E-04
3871	476394.83, 3849307.25	6.41078	25.6394	18.21428	-0.0007867	-0.0031464	-0.0022352	-3.68E-04	-1.47E-03	-1.04E-03	-7.26E-04	-2.90E-03	-2.06E-03
3872	476394.83, 3849332.25	4.23618	18.52919	12.63798	-0.0005199	-0.0022739	-0.0015509	-2.43E-04	-1.06E-03	-7.25E-04	-4.80E-04	-2.10E-03	-1.43E-03
3873	476394.83, 3849357.25	3.20001	15.16239	10.02903	-0.0003927	-0.0018607	-0.0012307	-1.84E-04	-8.70E-04	-5.75E-04	-3.62E-04	-1.72E-03	-1.14E-03
3874	476394.83, 3849382.25	2.57018	13.0815	8.3637	-0.0003154	-0.0016053	-0.0010264	-1.47E-04	-7.50E-04	-4.80E-04	-2.91E-04	-1.48E-03	-9.47E-04
3875	476394.83, 3849407.25	2.13049	11.44021	7.18074	-0.0002615	-0.0014039	-0.0008812	-1.22E-04	-6.56E-04	-4.12E-04	-2.41E-04	-1.30E-03	-8.13E-04
3876	476394.83, 3849432.25	1.80249	10.04546	6.30564	-0.0002212	-0.0012328	-0.0007738	-1.03E-04	-5.76E-04	-3.62E-04	-2.04E-04	-1.14E-03	-7.14E-04
3877	476394.83, 3849457.25	1.57302	9.0321	5.63036	-0.000193	-0.0011084	-0.0006909	-9.02E-05	-5.18E-04	-3.23E-04	-1.78E-04	-1.02E-03	-6.38E-04
3878	476394.83, 3849482.25	1.39251	8.13544	5.166	-0.0001709	-0.0009984	-0.000634	-7.99E-05	-4.67E-04	-2.96E-04	-1.58E-04	-9.22E-04	-5.85E-04
3879	476394.83, 3849507.25	1.24541	7.3248	4.83954	-0.0001528	-0.0008989	-0.0005939	-7.14E-05	-4.20E-04	-2.78E-04	-1.41E-04	-8.30E-04	-5.48E-04
3880	476394.83, 3849532.25	1.12358	6.71426	4.42757	-0.0001379	-0.000824	-0.0005433	-6.44E-05	-3.85E-04	-2.54E-04	-1.27E-04	-7.61E-04	-5.02E-04
3881	476394.83, 3849557.25	1.02165	6.13887	4.10294	-0.0001254	-0.0007534	-0.0005035	-5.86E-05	-3.52E-04	-2.35E-04	-1.16E-04	-6.95E-04	-4.65E-04

Appendix A3.5: Operations - Corridor (MDAQMD East of BIG)

Tons/Day

BAR-NEE No Project	NO_X	CO	PM_{10}	$PM_{2.5}$
2028	19.257	4.857	0.403	0.391
2033	19.734	5.215	0.401	0.389
2048	21.265	6.593	0.383	0.371
BAR-NEE With Project				
2028	20.318	5.115	0.421	0.408
2033	21.100	5.566	0.424	0.411
2048	22.558	6.981	0.402	0.390

Tons/Day

Net	NO_X	CO	PM_{10}	$PM_{2.5}$
2028	1.060	0.258	0.018	0.018
2033	1.366	0.351	0.024	0.023
2048	1.292	0.387	0.019	0.019

g/s

BAR-NEE No Project	NO_X	CO	PM_{10}	$PM_{2.5}$
2028	5.57E+00	1.41E+00	1.16E-01	1.13E-01
2033	5.71E+00	1.51E+00	1.16E-01	1.12E-01
2048	6.15E+00	1.91E+00	1.11E-01	1.07E-01

g/s

BAR-NEE With Project	NO_X	CO	PM_{10}	$PM_{2.5}$
2028	5.88E+00	1.48E+00	1.22E-01	1.18E-01
2033	6.10E+00	1.61E+00	1.23E-01	1.19E-01
2048	6.53E+00	2.02E+00	1.16E-01	1.13E-01

g/s

Net	NO_X	CO	PM_{10}	$PM_{2.5}$
2028	3.07E-01	7.47E-02	5.23E-03	5.08E-03
2033	3.95E-01	1.01E-01	6.82E-03	6.62E-03
2048	3.74E-01	1.12E-01	5.57E-03	5.40E-03

Conversions:

1 ton =	907184.7	grams
1 year =	3.15E+07	seconds
1 day =	86400	seconds
1 meter =	0.000621	miles

SLINE1 Length	7422.3	meters	
	4.6120034	miles	
Modeled Distance:	167.4	miles	(BAR-NEE)
AERMOD Source Length	4.6120034	miles	
AERMOD Source Pct:	0.027550797		

Source: Corridor segment tons per day from EnSafe, BNSF Barstow International Gateway Corridor Emissions Analysis, October 2025 .

			2028	2033	2048														
	Period	(g/s):	5.23E-03	6.82E-03	5.57E-03														
	Concentration					Residential Dose							Risk by Age Group						
	X, Y	[ug/m^3] at 1 g/s	2028	2033	2048	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30 (2033)	16<30 (2048)	3rd	0<2	2<9 (2028)	2<9 (2033)	9<16	16<30 (2033)	16<30 (2048)	Total Risk
1	492865.26, 3860327.3	0.09408	4.92E-04	6.42E-04	5.24E-04	1.70E-07	5.15E-07	2.98E-07	3.88E-07	3.52E-07	1.61E-07	1.31E-07	5.69E-09	1.37E-07	3.03E-08	5.27E-08	8.36E-08	1.47E-08	8.64E-09	3.33E-07
2	492865.26, 3860377.3	0.10741	5.62E-04	7.33E-04	5.98E-04	1.95E-07	5.88E-07	3.40E-07	4.43E-07	4.02E-07	1.83E-07	1.50E-07	6.50E-09	1.57E-07	3.46E-08	6.02E-08	9.55E-08	1.68E-08	9.87E-09	3.80E-07
3	492865.26, 3860427.3	0.12293	6.43E-04	8.38E-04	6.84E-04	2.23E-07	6.72E-07	3.89E-07	5.07E-07	4.60E-07	2.10E-07	1.71E-07	7.44E-09	1.80E-07	3.96E-08	6.89E-08	1.09E-07	1.93E-08	1.13E-08	4.35E-07
4	492915.26, 3860327.3	0.09072	4.75E-04	6.19E-04	5.05E-04	1.64E-07	4.96E-07	2.87E-07	3.74E-07	3.39E-07	1.55E-07	1.26E-07	5.49E-09	1.33E-07	2.93E-08	5.08E-08	8.06E-08	1.42E-08	8.34E-09	3.21E-07
5	492915.26, 3860377.3	0.10579	5.54E-04	7.22E-04	5.89E-04	1.92E-07	5.79E-07	3.35E-07	4.37E-07	3.96E-07	1.81E-07	1.47E-07	6.40E-09	1.55E-07	3.41E-08	5.93E-08	9.40E-08	1.66E-08	9.72E-09	3.75E-07
6	492915.26, 3860427.3	0.12301	6.44E-04	8.39E-04	6.85E-04	2.23E-07	6.73E-07	3.90E-07	5.08E-07	4.60E-07	2.10E-07	1.71E-07	7.44E-09	1.80E-07	3.97E-08	6.89E-08	1.09E-07	1.93E-08	1.13E-08	4.36E-07
7	492965.26, 3860327.3	0.08494	4.45E-04	5.79E-04	4.73E-04	1.54E-07	4.65E-07	2.69E-07	3.51E-07	3.18E-07	1.45E-07	1.18E-07	5.14E-09	1.24E-07	2.74E-08	4.76E-08	7.55E-08	1.33E-08	7.80E-09	3.01E-07
8	492965.26, 3860377.3	0.09742	5.10E-04	6.64E-04	5.42E-04	1.76E-07	5.33E-07	3.08E-07	4.02E-07	3.64E-07	1.66E-07	1.36E-07	5.89E-09	1.42E-07	3.14E-08	5.46E-08	8.66E-08	1.53E-08	8.95E-09	3.45E-07
9	492965.26, 3860427.3	0.11928	6.24E-04	8.14E-04	6.64E-04	2.16E-07	6.52E-07	3.78E-07	4.92E-07	4.46E-07	2.04E-07	1.66E-07	7.22E-09	1.74E-07	3.85E-08	6.68E-08	1.06E-07	1.87E-08	1.10E-08	4.22E-07
10	493015.26, 3860327.3	0.07745	4.05E-04	5.28E-04	4.31E-04	1.40E-07	4.24E-07	2.45E-07	3.20E-07	2.90E-07	1.32E-07	1.08E-07	4.69E-09	1.13E-07	2.50E-08	4.34E-08	6.88E-08	1.21E-08	7.12E-09	2.74E-07
11	493015.26, 3860377.3	0.08991	4.71E-04	6.13E-04	5.00E-04	1.63E-07	4.92E-07	2.85E-07	3.71E-07	3.36E-07	1.53E-07	1.25E-07	5.44E-09	1.31E-07	2.90E-08	5.04E-08	7.99E-08	1.41E-08	8.26E-09	3.18E-07
12	493015.26, 3860427.3	0.10931	5.72E-04	7.46E-04	6.08E-04	1.98E-07	5.98E-07	3.46E-07	4.51E-07	4.09E-07	1.87E-07	1.52E-07	6.61E-09	1.60E-07	3.52E-08	6.13E-08	9.72E-08	1.71E-08	1.00E-08	3.87E-07
13	493065.26, 3860327.3	0.07155	3.74E-04	4.88E-04	3.98E-04	1.30E-07	3.91E-07	2.27E-07	2.95E-07	2.68E-07	1.22E-07	9.97E-08	4.33E-09	1.05E-07	2.31E-08	4.01E-08	6.36E-08	1.12E-08	6.57E-09	2.53E-07
14	493065.26, 3860377.3	0.0833	4.36E-04	5.68E-04	4.64E-04	1.51E-07	4.56E-07	2.64E-07	3.44E-07	3.12E-07	1.42E-07	1.16E-07	5.04E-09	1.22E-07	2.69E-08	4.67E-08	7.40E-08	1.31E-08	7.65E-09	2.95E-07
15	493065.26, 3860427.3	0.10728	5.61E-04	7.32E-04	5.97E-04	1.94E-07	5.87E-07	3.40E-07	4.43E-07	4.01E-07	1.83E-07	1.49E-07	6.49E-09	1.57E-07	3.46E-08	6.01E-08	9.54E-08	1.68E-08	9.86E-09	3.80E-07
16	493065.26, 3860477.3	0.13591	7.11E-04	9.27E-04	7.56E-04	2.46E-07	7.43E-07	4.30E-07	5.61E-07	5.08E-07	2.32E-07	1.89E-07	8.22E-09	1.99E-07	4.38E-08	7.62E-08	1.21E-07	2.13E-08	1.25E-08	4.81E-07
17	493115.26, 3860327.3	0.07064	3.70E-04	4.82E-04	3.93E-04	1.28E-07	3.86E-07	2.24E-07	2.92E-07	2.64E-07	1.21E-07	9.84E-08	4.27E-09	1.03E-07	2.28E-08	3.96E-08	6.28E-08	1.11E-08	6.49E-09	2.50E-07
18	493115.26, 3860377.3	0.0859	4.50E-04	5.86E-04	4.78E-04	1.56E-07	4.70E-07	2.72E-07	3.55E-07	3.21E-07	1.47E-07	1.20E-07	5.20E-09	1.26E-07	2.77E-08	4.81E-08	7.64E-08	1.35E-08	7.89E-09	3.04E-07
19	493115.26, 3860427.3	0.1078	5.64E-04	7.35E-04	6.00E-04	1.95E-07	5.90E-07	3.41E-07	4.45E-07	4.03E-07	1.84E-07	1.50E-07	6.52E-09	1.58E-07	3.48E-08	6.04E-08	9.58E-08	1.69E-08	9.90E-09	3.82E-07
20	493115.26, 3860477.3	0.13529	7.08E-04	9.23E-04	7.53E-04	2.45E-07	7.40E-07	4.28E-07	5.58E-07	5.06E-07	2.31E-07	1.88E-07	8.18E-09	1.98E-07	4.36E-08	7.58E-08	1.20E-07	2.12E-08	1.24E-08	4.79E-07
21	493165.26, 3860327.3	0.07719	4.04E-04	5.27E-04	4.30E-04	1.40E-07	4.22E-07	2.44E-07	3.19E-07	2.89E-07	1.32E-07	1.08E-07	4.67E-09	1.13E-07	2.49E-08	4.33E-08	6.86E-08	1.21E-08	7.09E-09	2.73E-07
22	493165.26, 3860377.3	0.09255	4.84E-04	6.31E-04	5.15E-04	1.68E-07	5.06E-07	2.93E-07	3.82E-07	3.46E-07	1.58E-07	1.29E-07	5.60E-09	1.35E-07	2.98E-08	5.19E-08	8.23E-08	1.45E-08	8.50E-09	3.28E-07
23	493165.26, 3860427.3	0.11675	6.11E-04	7.96E-04	6.50E-04	2.12E-07	6.39E-07	3.70E-07	4.82E-07	4.37E-07	1.99E-07	1.63E-07	7.06E-09	1.71E-07	3.76E-08	6.54E-08	1.04E-07	1.83E-08	1.07E-08	4.14E-07
24	493165.26, 3860477.3	0.14042	7.35E-04	9.58E-04	7.82E-04	2.54E-07	7.68E-07	4.45E-07	5.80E-07	5.25E-07	2.40E-07	1.96E-07	8.49E-09	2.05E-07	4.53E-08	7.87E-08	1.25E-07	2.20E-08	1.29E-08	4.97E-07
25	493215.26, 3860327.3	0.08491	4.44E-04	5.79E-04	4.73E-04	1.54E-07	4.64E-07	2.69E-07	3.50E-07	3.18E-07	1.45E-07	1.18E-07	5.14E-09	1.24E-07	2.74E-08	4.76E-08	7.55E-08	1.33E-08	7.80E-09	3.01E-07
26	493215.26, 3860377.3	0.10047	5.26E-04	6.85E-04	5.59E-04	1.82E-07	5.50E-07	3.18E-07	4.15E-07	3.76E-07	1.72E-07	1.40E-07	6.08E-09	1.47E-07	3.24E-08	5.63E-08	8.93E-08	1.57E-08	9.23E-09	3.56E-07
27	493215.26, 3860427.3	0.11655	6.10E-04	7.95E-04	6.49E-04	2.11E-07	6.38E-07	3.69E-07	4.81E-07	4.36E-07	1.99E-07	1.62E-07	7.05E-09	1.70E-07	3.76E-08	6.53E-08	1.04E-07	1.83E-08	1.07E-08	4.13E-07
28	493215.26, 3860477.3	0.13794	7.22E-04	9.41E-04	7.68E-04	2.50E-07	7.55E-07	4.37E-07	5.69E-07	5.16E-07	2.35E-07	1.92E-07	8.34E-09	2.02E-07	4.45E-08	7.73E-08	1.23E-07	2.16E-08	1.27E-08	4.89E-07
29	493265.26, 3860327.3	0.0837	4.38E-04	5.71E-04	4.66E-04	1.52E-07	4.58E-07	2.65E-07	3.45E-07	3.13E-07	1.43E-07	1.17E-07	5.06E-09	1.22E-07	2.70E-08	4.69E-08	7.44E-08	1.31E-08	7.69E-09	2.96E-07
30	493265.26, 3860377.3	0.09381	4.91E-04	6.40E-04	5.22E-04	1.70E-07	5.13E-07	2.97E-07	3.87E-07	3.51E-07	1.60E-07	1.31E-07	5.68E-09	1.37E-07	3.02E-08	5.26E-08	8.34E-08	1.47E-08	8.62E-09	3.32E-07
31	493265.26, 3860427.3	0.11039	5.78E-04	7.53E-04	6.14E-04	2.00E-07	6.04E-07	3.50E-07	4.56E-07	4.13E-07	1.88E-07	1.54E-07	6.68E-09	1.61E-07	3.56E-08	6.19E-08	9.81E-08	1.73E-08	1.01E-08	3.91E-07
32	493265.26, 3860477.3	0.13477	7.05E-04	9.19E-04	7.50E-04	2.44E-07	7.37E-07	4.27E-07	5.56E-07	5.04E-07	2.30E-07	1.88E-07	8.15E-09	1.97E-07	4.35E-08	7.55E-08	1.20E-07	2.11E-08	1.24E-08	4.77E-07
33	493265.26, 3860527.3	0.15789	8.26E-04	1.08E-03	8.79E-04	2.86E-07	8.64E-07	5.00E-07	6.52E-07	5.91E-07	2.70E-07	2.20E-07	9.55E-09	2.31E-07	5.09E-08	8.85E-08	1.40E-07	2.47E-08	1.45E-08	5.59E-07
34	493315.26, 3860327.3	0.08071	4.22E-04	5.51E-04	4.49E-04	1.46E-07	4.41E-07	2.56E-07	3.33E-07	3.02E-07	1.38E-07	1.12E-07	4.88E-09	1.18E-07	2.60E-08	4.52E-08	7.17E-08	1.26E-08	7.42E-09	2.86E-07
35	493315.26, 3860377.3	0.09366	4.90E-04	6.39E-04	5.21E-04	1.70E-07	5.12E-07	2.97E-07	3.87E-07	3.50E-07	1.60E-07	1.30E-07	5.67E-09	1.37E-07	3.02E-08	5.25E-08	8.33E-08	1.47E-08	8.61E-09	3.32E-07
36	493315.26, 3860427.3	0.10656	5.58E-04	7.27E-04	5.93E-04	1.93E-07	5.83E-07	3.37E-07	4.40E-07	3.99E-07	1.82E-07	1.48E-07	6.45E-09	1.56E-07	3.44E-08	5.97E-08	9.47E-08	1.67E-08	9.79E-09	3.77E-07
37	493315.26, 3860477.3	0.13126	6.87E-04	8.95E-04	7.31E-04	2.38E-07	7.18E-07	4.16E-07	5.42E-07	4.91E-07	2.24E-07	1.83E-07	7.94E-09	1.92E-07	4.23E-08	7.36E-08	1.17E-07	2.06E-08	1.21E-08	4.65E-07
38	493315.26, 3860527.3	0.15586	8.16E-04	1.06E-03	8.67E-04	2.82E-07	8.53E-07	4.94E-07	6.43E-07	5.83E-07	2.66E-07	2.17E-07	9.43E-09	2.28E-07	5.03E-08	8.73E-08	1.39E-07	2.44E-08	1.43E-08	5.52E-07
39	493365.26, 3860327.3	0.07966	4.17E-04	5.43E-04	4.43E-04	1.44E-07	4.36E-07	2.52E-07	3.29E-07	2.98E-07	1.36E-07	1.11E-07	4.82E-09	1.16E-07	2.57E-08	4.46E-08	7.08E-08	1.25E-08	7.32E-09	2.82E-07
40	493365.26, 3860377.3	0.09251	4.84E-04	6.31E-04	5.15E-04	1.68E-07	5.06E-07	2.93E-07	3.82E-07	3.46E-07	1.58E-07	1.29E-07	5.60E-09	1.35E-07	2.98E-08	5.18E-08	8.22E-08	1.45E-08	8.50E-09	3.28E-07
41	493365.26, 3860427.3	0.10826	5.67E-04	7.38E-04	6.03E-04	1.96E-07	5.92E-07	3.43E-07	4.47E-07	4.05E-07	1.85E-07	1.51E-07	6.55E-09	1.58E-07	3.49E-08	6.07E-08	9.62E-08	1.70E-08	9.95E-09	3.83E-07
42	493365.26, 3860477.3	0.13282	6.95E-04	9.06E-04	7.39E-04	2.41E-07	7.27E-07	4.21E-07	5.48E-07	4.97E-07	2.27E-07	1.85E-07	8.04E-09	1.94E-07	4.28E-08	7.44E-08	1.18E-07	2.08E-08	1.22E-08	4.70E-07
43	493365.26, 3860527.3	0.16276	8.52E-04	1.11E-03	9.06E-04	2.95E-07	8.90E-07	5.15E-07	6.72E-07	6.09E-07	2.78E-07	2.27E-07	9.85E-09	2.38E-07	5.25E-08	9.12E-08	1.45E-07	2.55E-08	1.50E-08	5.77E-07
44	493651.76, 3860323.73	0.09586	5.02E-04	6.54E-04	5.34E-04	1.74E-07	5.24E-07	3.04E-07	3.96E-07	3.59E-07	1.64E-07	1.34E-07	5.80E-09	1.40E-07	3.09E-08	5.37E-08	8.52E-08	1.50E-08	8.81E-09	3.40E-07
45	493651.76, 3860373.73	0.11141	5.83E-04	7.60E-04	6.20E-04	2.02E-07	6.09E-07	3.53E-07	4.60E-07	4.17E-07	1.90E-07	1.55E-07	6.74E-09	1.63E-07	3.59E-08	6.24E-08	9.90E-08	1.75E-08	1.02E-08	3.95E-07
46	493651.76, 3860423.73	0.12966	6.79E-04	8.84E-04	7.22E-04	2.35E-07	7.09E-07	4.11E-07	5.35E-07	4.85E-07	2.21E-07	1.81E-07	7.84E-09	1.89E-07	4.18E-08	7.27E-08	1.15E-07	2.03E-08	1.19E-08	4.59E-07
47	493651.76, 3860473.73	0.15078	7.89E-04	1.03E-03	8.39E-04	2.73E-07	8.25E-07	4.77E-07	6.22E-07	5.64E-07	2.57E-07	2.10E-07	9.12E-09	2.20E-07	4.86E-08	8.45E-08	1.34E-07	2.36E-08	1.39E-08	5.34E-07
48	493651.76, 3860523.73	0.17581	9.20E-04	1.20E-03	9.78E-04	3.19E-07	9.62E-07	5.57E-07	7.26E-07	6.58E-07	3.00E-07	2.45E-07	1.06E-08	2.57E-07	5.67E-08	9.85E-08	1.56E-07	2.75E-08	1.62E-08	6.23E-07
49	493651.76, 3860573.73	0.20606	1.08E-03	1.41E-03	1.15E-03	3.73E-07	1.13E-06	6.53E-07	8.50E-07	7.71E-07	3.52E-07	2.87E-07	1.25E-08	3.01E-07	6.64E-08	1.15E-07	1.83E-07	3.23E-08	1.89E-08	7.30E-07
50	493651.76, 3860623.73	0.24157	1.26E-03	1.65E-03	1.34E-03	4.38E-07	1.32E-06	7.65E-07	9.97E-07	9.04E-07	4.12E-07	3.36E-07	1.46E-08	3.53E-07	7.79E-08	1.35E-07	2.15E-07	3.78E-08	2.22E-08	8.56E-07
51	493701.76, 3860323.73	0.09676	5.06E-04	6.60E-04	5.39E-04	1.75E-07	5.29E-07	3.06E-07	3.99E-07	3.62E-07	1.65E-07	1.35E-07	5.85E-09	1.41E-07	3.12E-08	5.42E-08	8.60E-08	1.52E-08	8.89E-09	3.43E-07
52	493701.76, 3860373.73	0.11058	5.79E-04	7.54E-04	6.15E-04	2.00E-07	6.05E-07	3.50E-07	4.56E-07	4.14E-07	1.89E-07	1.54E-07	6.69E-09	1.62E-07	3.57E-08	6.20E-08	9.83E-08	1.73E-08	1.02E-08	3.92E-07
53	493701.76, 3860423.73	0.13296	6.96E-04	9.07E-04	7.40E-04	2.41E-07	7.27E-07	4.21E-07	5.49E-07	4.97E-07	2.27E-07	1.85E-07	8.04E-09	1.94E-07	4.29E-08	7.45E-08	1.18E-07	2.08E-08	1.22E-08	4.71E-07
54	493701.76, 3860473.73	0.15219	7.96E-04	1.04E-03	8.47E-04	2.76E-07	8.32E-07	4.82E-07	6.28E-07	5.69E-07	2.60E-07	2.12E-07	9.21E-09	2.22E-07	4.91E-08	8.53E-08	1.35E-07	2.38E-08	1.40E-08	5.39E-07
55	493701.76, 3860523.73	0.17777	9.30E-04	1.21E-03	9.89E-04	3.22E-07	9.72E-07	5.63E-07	7.34E-07	6.65E-07	3.03E-07	2.48E-07	1.08E-08	2.60E-07	5.73E-08	9.96E-08	1.58E-07	2.78E-08	1.63E-08	6.30E-07
56	493701.76, 3860573.73	0.21462	1.12E-03	1.46E-03	1.19E-03	3.89E-07	1.17E-06	6.80E-07	8.86E-07	8.03E-07	3.66E-07	2.99E-07	1.30E-08	3.14E-07	6.92E-08	1.20E-07	1.91E-07	3.36E-08	1.97E-08	7.60E-07

57	493701.76, 3860623.73	0.25492	1.33E-03	1.74E-03	1.42E-03	4.62E-07	1.39E-06	8.07E-07	1.05E-06	9.54E-07	4.35E-07	3.55E-07	1.54E-08	3.73E-07	8.22E-08	1.43E-07	2.27E-07	3.99E-08	2.34E-08	9.03E-07
58	493701.76, 3860673.73	0.29213	1.53E-03	1.99E-03	1.63E-03	5.29E-07	1.60E-06	9.25E-07	1.21E-06	1.09E-06	4.99E-07	4.07E-07	1.77E-08	4.27E-07	9.42E-08	1.64E-07	2.60E-07	4.58E-08	2.68E-08	1.03E-06
59	493751.76, 3860323.73	0.0974	5.10E-04	6.64E-04	5.42E-04	1.76E-07	5.33E-07	3.08E-07	4.02E-07	3.64E-07	1.66E-07	1.36E-07	5.89E-09	1.42E-07	3.14E-08	5.46E-08	8.66E-08	1.53E-08	8.95E-09	3.45E-07
60	493751.76, 3860373.73	0.11321	5.92E-04	7.72E-04	6.30E-04	2.05E-07	6.19E-07	3.58E-07	4.67E-07	4.24E-07	1.93E-07	1.58E-07	6.85E-09	1.65E-07	3.65E-08	6.34E-08	1.01E-07	1.77E-08	1.04E-08	4.01E-07
61	493751.76, 3860423.73	0.13343	6.98E-04	9.10E-04	7.43E-04	2.42E-07	7.30E-07	4.23E-07	5.51E-07	4.99E-07	2.28E-07	1.86E-07	8.07E-09	1.95E-07	4.30E-08	7.48E-08	1.19E-07	2.09E-08	1.23E-08	4.73E-07
62	493751.76, 3860473.73	0.15793	8.27E-04	1.08E-03	8.79E-04	2.86E-07	8.64E-07	5.00E-07	6.52E-07	5.91E-07	2.70E-07	2.20E-07	9.55E-09	2.31E-07	5.09E-08	8.85E-08	1.40E-07	2.47E-08	1.45E-08	5.59E-07
63	493751.76, 3860523.73	0.1813	9.49E-04	1.24E-03	1.01E-03	3.28E-07	9.92E-07	5.74E-07	7.48E-07	6.78E-07	3.09E-07	2.53E-07	1.10E-08	2.65E-07	5.85E-08	1.02E-07	1.61E-07	2.84E-08	1.67E-08	6.42E-07
64	493751.76, 3860573.73	0.21323	1.12E-03	1.45E-03	1.19E-03	3.86E-07	1.17E-06	6.75E-07	8.80E-07	7.98E-07	3.64E-07	2.97E-07	1.29E-08	3.12E-07	6.88E-08	1.19E-07	1.90E-07	3.34E-08	1.96E-08	7.55E-07
65	493751.76, 3860623.73	0.25065	1.31E-03	1.71E-03	1.40E-03	4.54E-07	1.37E-06	7.94E-07	1.03E-06	9.38E-07	4.28E-07	3.49E-07	1.52E-08	3.66E-07	8.08E-08	1.40E-07	2.23E-07	3.93E-08	2.30E-08	8.88E-07
66	493801.76, 3860323.73	0.098	5.13E-04	6.68E-04	5.45E-04	1.78E-07	5.36E-07	3.10E-07	4.04E-07	3.67E-07	1.67E-07	1.37E-07	5.93E-09	1.43E-07	3.16E-08	5.49E-08	8.71E-08	1.54E-08	9.00E-09	3.47E-07
67	493801.76, 3860373.73	0.11426	5.98E-04	7.79E-04	6.36E-04	2.07E-07	6.25E-07	3.62E-07	4.72E-07	4.27E-07	1.95E-07	1.59E-07	6.91E-09	1.67E-07	3.68E-08	6.40E-08	1.02E-07	1.79E-08	1.05E-08	4.05E-07
68	493801.76, 3860423.73	0.13391	7.01E-04	9.13E-04	7.45E-04	2.43E-07	7.32E-07	4.24E-07	5.53E-07	5.01E-07	2.29E-07	1.87E-07	8.10E-09	1.96E-07	4.32E-08	7.50E-08	1.19E-07	2.10E-08	1.23E-08	4.74E-07
69	493801.76, 3860473.73	0.15561	8.14E-04	1.06E-03	8.66E-04	2.82E-07	8.51E-07	4.93E-07	6.42E-07	5.82E-07	2.66E-07	2.17E-07	9.41E-09	2.27E-07	5.02E-08	8.72E-08	1.38E-07	2.44E-08	1.43E-08	5.51E-07
70	493801.76, 3860523.73	0.1795	9.39E-04	1.22E-03	9.99E-04	3.25E-07	9.82E-07	5.68E-07	7.41E-07	6.72E-07	3.06E-07	2.50E-07	1.09E-08	2.62E-07	5.79E-08	1.01E-07	1.60E-07	2.81E-08	1.65E-08	6.36E-07
71	493801.76, 3860573.73	0.20929	1.10E-03	1.43E-03	1.16E-03	3.79E-07	1.14E-06	6.63E-07	8.64E-07	7.83E-07	3.57E-07	2.92E-07	1.27E-08	3.06E-07	6.75E-08	1.17E-07	1.86E-07	3.28E-08	1.92E-08	7.41E-07
72	493801.76, 3860623.73	0.24494	1.28E-03	1.67E-03	1.36E-03	4.44E-07	1.34E-06	7.76E-07	1.01E-06	9.16E-07	4.18E-07	3.41E-07	1.48E-08	3.58E-07	7.90E-08	1.37E-07	2.18E-07	3.84E-08	2.25E-08	8.68E-07
73	493851.76, 3860323.73	0.0983	5.14E-04	6.70E-04	5.47E-04	1.78E-07	5.38E-07	3.11E-07	4.06E-07	3.68E-07	1.68E-07	1.37E-07	5.95E-09	1.44E-07	3.17E-08	5.51E-08	8.74E-08	1.54E-08	9.03E-09	3.48E-07
74	493851.76, 3860373.73	0.11431	5.98E-04	7.80E-04	6.36E-04	2.07E-07	6.25E-07	3.62E-07	4.72E-07	4.28E-07	1.95E-07	1.59E-07	6.92E-09	1.67E-07	3.69E-08	6.41E-08	1.02E-07	1.79E-08	1.05E-08	4.05E-07
75	493851.76, 3860423.73	0.13058	6.83E-04	8.91E-04	7.27E-04	2.37E-07	7.14E-07	4.13E-07	5.39E-07	4.89E-07	2.23E-07	1.82E-07	7.90E-09	1.91E-07	4.21E-08	7.32E-08	1.16E-07	2.05E-08	1.20E-08	4.63E-07
76	493851.76, 3860473.73	0.15654	8.19E-04	1.07E-03	8.71E-04	2.84E-07	8.56E-07	4.96E-07	6.46E-07	5.86E-07	2.67E-07	2.18E-07	9.47E-09	2.29E-07	5.05E-08	8.77E-08	1.39E-07	2.45E-08	1.44E-08	5.54E-07
77	493851.76, 3860523.73	0.17985	9.41E-04	1.23E-03	1.00E-03	3.26E-07	9.84E-07	5.70E-07	7.42E-07	6.73E-07	3.07E-07	2.51E-07	1.09E-08	2.63E-07	5.80E-08	1.01E-07	1.60E-07	2.82E-08	1.65E-08	6.37E-07
78	493851.76, 3860573.73	0.20992	1.10E-03	1.43E-03	1.17E-03	3.80E-07	1.15E-06	6.65E-07	8.66E-07	7.85E-07	3.58E-07	2.92E-07	1.27E-08	3.07E-07	6.77E-08	1.18E-07	1.87E-07	3.29E-08	1.93E-08	7.44E-07
79	493851.76, 3860623.73	0.23962	1.25E-03	1.63E-03	1.33E-03	4.34E-07	1.31E-06	7.59E-07	9.89E-07	8.96E-07	4.09E-07	3.34E-07	1.45E-08	3.50E-07	7.73E-08	1.34E-07	2.13E-07	3.75E-08	2.20E-08	8.49E-07
80	493901.76, 3860323.73	0.10004	5.24E-04	6.82E-04	5.57E-04	1.81E-07	5.47E-07	3.17E-07	4.13E-07	3.74E-07	1.71E-07	1.39E-07	6.05E-09	1.46E-07	3.23E-08	5.61E-08	8.89E-08	1.57E-08	9.19E-09	3.54E-07
81	493901.76, 3860373.73	0.11323	5.93E-04	7.72E-04	6.30E-04	2.05E-07	6.19E-07	3.59E-07	4.67E-07	4.24E-07	1.93E-07	1.58E-07	6.85E-09	1.65E-07	3.65E-08	6.34E-08	1.01E-07	1.77E-08	1.04E-08	4.01E-07
82	493901.76, 3860423.73	0.13096	6.85E-04	8.93E-04	7.29E-04	2.37E-07	7.16E-07	4.15E-07	5.40E-07	4.90E-07	2.24E-07	1.82E-07	7.92E-09	1.91E-07	4.22E-08	7.34E-08	1.16E-07	2.05E-08	1.20E-08	4.64E-07
83	493901.76, 3860473.73	0.15145	7.93E-04	1.03E-03	8.43E-04	2.74E-07	8.28E-07	4.80E-07	6.25E-07	5.67E-07	2.59E-07	2.11E-07	9.16E-09	2.21E-07	4.88E-08	8.49E-08	1.35E-07	2.37E-08	1.39E-08	5.36E-07
84	493901.76, 3860523.73	0.17049	8.92E-04	1.16E-03	9.49E-04	3.09E-07	9.33E-07	5.40E-07	7.04E-07	6.38E-07	2.91E-07	2.37E-07	1.03E-08	2.49E-07	5.50E-08	9.55E-08	1.52E-07	2.67E-08	1.57E-08	6.04E-07
85	493901.76, 3860573.73	0.20218	1.06E-03	1.38E-03	1.13E-03	3.66E-07	1.11E-06	6.40E-07	8.34E-07	7.56E-07	3.45E-07	2.82E-07	1.22E-08	2.95E-07	6.52E-08	1.13E-07	1.80E-07	3.17E-08	1.86E-08	7.16E-07
86	493901.76, 3860623.73	0.23657	1.24E-03	1.61E-03	1.32E-03	4.29E-07	1.29E-06	7.49E-07	9.76E-07	8.85E-07	4.04E-07	3.30E-07	1.43E-08	3.46E-07	7.63E-08	1.33E-07	2.10E-07	3.71E-08	2.17E-08	8.38E-07
87	493951.76, 3860323.73	0.09709	5.08E-04	6.62E-04	5.40E-04	1.76E-07	5.31E-07	3.07E-07	4.01E-07	3.63E-07	1.66E-07	1.35E-07	5.87E-09	1.42E-07	3.13E-08	5.44E-08	8.63E-08	1.52E-08	8.92E-09	3.44E-07
88	493951.76, 3860373.73	0.11124	5.82E-04	7.59E-04	6.19E-04	2.02E-07	6.08E-07	3.52E-07	4.59E-07	4.16E-07	1.90E-07	1.55E-07	6.73E-09	1.63E-07	3.59E-08	6.23E-08	9.89E-08	1.74E-08	1.02E-08	3.94E-07
89	493951.76, 3860423.73	0.12827	6.71E-04	8.75E-04	7.14E-04	2.32E-07	7.02E-07	4.06E-07	5.29E-07	4.80E-07	2.19E-07	1.79E-07	7.76E-09	1.87E-07	4.14E-08	7.19E-08	1.14E-07	2.01E-08	1.18E-08	4.54E-07
90	493951.76, 3860473.73	0.14736	7.71E-04	1.01E-03	8.20E-04	2.67E-07	8.06E-07	4.67E-07	6.08E-07	5.51E-07	2.52E-07	2.05E-07	8.91E-09	2.15E-07	4.75E-08	8.26E-08	1.31E-07	2.31E-08	1.35E-08	5.22E-07
91	493951.76, 3860523.73	0.17156	8.98E-04	1.17E-03	9.55E-04	3.11E-07	9.38E-07	5.43E-07	7.08E-07	6.42E-07	2.93E-07	2.39E-07	1.04E-08	2.51E-07	5.53E-08	9.61E-08	1.53E-07	2.69E-08	1.58E-08	6.08E-07
92	493951.76, 3860573.73	0.20295	1.06E-03	1.38E-03	1.13E-03	3.68E-07	1.11E-06	6.43E-07	8.38E-07	7.59E-07	3.46E-07	2.83E-07	1.23E-08	2.97E-07	6.54E-08	1.14E-07	1.80E-07	3.18E-08	1.86E-08	7.19E-07
93	493951.76, 3860623.73	0.23419	1.23E-03	1.60E-03	1.30E-03	4.24E-07	1.28E-06	7.42E-07	9.67E-07	8.76E-07	4.00E-07	3.26E-07	1.42E-08	3.42E-07	7.55E-08	1.31E-07	2.08E-07	3.67E-08	2.15E-08	8.30E-07
94	494001.76, 3860323.73	0.09524	4.98E-04	6.50E-04	5.30E-04	1.73E-07	5.21E-07	3.02E-07	3.93E-07	3.56E-07	1.63E-07	1.33E-07	5.76E-09	1.39E-07	3.07E-08	5.34E-08	8.47E-08	1.49E-08	8.75E-09	3.37E-07
95	494001.76, 3860373.73	0.10906	5.71E-04	7.44E-04	6.07E-04	1.98E-07	5.97E-07	3.45E-07	4.50E-07	4.08E-07	1.86E-07	1.52E-07	6.60E-09	1.59E-07	3.52E-08	6.11E-08	9.69E-08	1.71E-08	1.00E-08	3.86E-07
96	494001.76, 3860423.73	0.1291	6.76E-04	8.81E-04	7.19E-04	2.34E-07	7.06E-07	4.09E-07	5.33E-07	4.83E-07	2.20E-07	1.80E-07	7.81E-09	1.89E-07	4.16E-08	7.23E-08	1.15E-07	2.02E-08	1.19E-08	4.57E-07
97	494001.76, 3860473.73	0.14811	7.75E-04	1.01E-03	8.24E-04	2.68E-07	8.10E-07	4.69E-07	6.11E-07	5.54E-07	2.53E-07	2.06E-07	8.96E-09	2.16E-07	4.78E-08	8.30E-08	1.32E-07	2.32E-08	1.36E-08	5.25E-07
98	494001.76, 3860523.73	0.17363	9.09E-04	1.18E-03	9.66E-04	3.15E-07	9.50E-07	5.50E-07	7.17E-07	6.50E-07	2.96E-07	2.42E-07	1.05E-08	2.54E-07	5.60E-08	9.73E-08	1.54E-07	2.72E-08	1.60E-08	6.15E-07
99	494001.76, 3860573.73	0.2003	1.05E-03	1.37E-03	1.11E-03	3.63E-07	1.10E-06	6.34E-07	8.27E-07	7.49E-07	3.42E-07	2.79E-07	1.21E-08	2.93E-07	6.46E-08	1.12E-07	1.78E-07	3.14E-08	1.84E-08	7.09E-07
100	494001.76, 3860623.73	0.22901	1.20E-03	1.56E-03	1.27E-03	4.15E-07	1.25E-06	7.25E-07	9.45E-07	8.57E-07	3.91E-07	3.19E-07	1.39E-08	3.35E-07	7.38E-08	1.28E-07	2.04E-07	3.59E-08	2.10E-08	8.11E-07
101	494001.76, 3860673.73	0.27007	1.41E-03	1.84E-03	1.50E-03	4.89E-07	1.48E-06	8.55E-07	1.11E-06	1.01E-06	4.61E-07	3.76E-07	1.63E-08	3.95E-07	8.71E-08	1.51E-07	2.40E-07	4.23E-08	2.48E-08	9.57E-07
102	494051.76, 3860323.73	0.09473	4.96E-04	6.46E-04	5.27E-04	1.72E-07	5.18E-07	3.00E-07	3.91E-07	3.54E-07	1.62E-07	1.32E-07	5.73E-09	1.38E-07	3.05E-08	5.31E-08	8.42E-08	1.48E-08	8.70E-09	3.36E-07
103	494051.76, 3860373.73	0.10916	5.71E-04	7.45E-04	6.08E-04	1.98E-07	5.97E-07	3.46E-07	4.51E-07	4.08E-07	1.86E-07	1.52E-07	6.60E-09	1.60E-07	3.52E-08	6.12E-08	9.70E-08	1.71E-08	1.00E-08	3.87E-07
104	494051.76, 3860423.73	0.12585	6.59E-04	8.58E-04	7.00E-04	2.28E-07	6.88E-07	3.99E-07	5.19E-07	4.71E-07	2.15E-07	1.75E-07	7.61E-09	1.84E-07	4.06E-08	7.05E-08	1.12E-07	1.97E-08	1.16E-08	4.46E-07
105	494051.76, 3860473.73	0.14711	7.70E-04	1.00E-03	8.19E-04	2.67E-07	8.05E-07	4.66E-07	6.07E-07	5.50E-07	2.51E-07	2.05E-07	8.90E-09	2.15E-07	4.74E-08	8.24E-08	1.31E-07	2.30E-08	1.35E-08	5.21E-07
106	494169.47, 3860896.29	0.45972	2.41E-03	3.14E-03	2.56E-03	8.33E-07	2.51E-06	1.46E-06	1.90E-06	1.72E-06	7.85E-07	6.40E-07	2.78E-08	6.72E-07	1.48E-07	2.58E-07	4.09E-07	7.20E-08	4.22E-08	1.63E-06
107	494169.47, 3860946.29	0.51859	2.71E-03	3.54E-03	2.89E-03	9.39E-07	2.84E-06	1.64E-06	2.14E-06	1.94E-06	8.85E-07	7.22E-07	3.14E-08	7.58E-07	1.67E-07	2.91E-07	4.61E-07	8.12E-08	4.76E-08	1.84E-06
108	494169.47, 3860996.29	0.58693	3.07E-03	4.00E-03	3.27E-03	1.06E-06	3.21E-06	1.86E-06	2.42E-06	2.20E-06	1.00E-06	8.18E-07	3.55E-08	8.58E-07	1.89E-07	3.29E-07	5.22E-07	9.20E-08	5.39E-08	2.08E-06
109	494169.47, 3861046.29	0.66516	3.48E-03	4.54E-03	3.70E-03	1.21E-06	3.64E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.27E-07	4.02E-08	9.72E-07	2.14E-07	3.73E-07	5.91E-07	1.04E-07	6.11E-08	2.36E-06
110	494407.04, 3860789.65	0.32615	1.71E-03	2.22E-03	1.82E-03	5.91E-07	1.78E-06	1.03E-06	1.35E-06	1.22E-06	5.57E-07	4.54E-07	1.97E-08	4.77E-07	1.05E-07	1.83E-07	2.90E-07	5.11E-08	3.00E-08	1.16E-06
111	494407.04, 3860889.65	0.41911	2.19E-03	2.86E-03	2.33E-03	7.59E-07	2.29E-06	1.33E-06	1.73E-06	1.57E-06	7.15E-07	5.84E-07	2.54E-08	6.12E-07	1.35E-07	2.35E-07	3.73E-07	6.57E-08	3.85E-08	1.48E-06
112	494407.04, 3860989.65	0.53076	2.78E-03	3.62E-03	2.95E-03	9.62E-07	2.90E-06	1.68E-06	2.19E-06	1.99E-06	9.06E-07	7.39E-07	3.21E-08	7.76E-07	1.71E-07	2.97E-07	4.72E-07	8.32E-08	4.88E-08	1.88E-06
113	494407.04, 3861089.65	0.67043	3.51E-03	4.57E-03	3.73E-03	1.21E-06	3.67E-06	2.12E-06	2.77E-06	2.51E-06	1.14E-06	9.34E-07	4.06E-08	9.80E-07	2.16E-07	3.76E-07	5.96E-07	1.05E-07	6.16E-08	2.37E-06
114	494507.04, 3860789.65	0.31731	1.66E-03	2.16E-03	1.77E-03	5.75E-07	1.74E-06	1.00E-06	1.31E-06	1.19E-06	5.42E-07	4.42E-07	1.92E-08	4.64E-07	1.02E-07	1.78E-07	2.82E-07	4.97E-08	2.92E-08	1.12E-06
115	494507.04, 3860889.65	0.4017	2.10E-03	2.74E-03	2.24E-03	7.28E-07	2.20E-06	1.27E-06	1.66E-06	1.50E-06	6.86E-07	5.60E-07	2.43E-08	5.87E-07	1.30E-07	2.25E-07	3.57E-07	6.29E-08	3.69E-08	1.42E-06
116	494507.04, 3860989.65	0.50561	2.65E-03	3.45E-03	2.81E-03	9.16E-07	2.77E-06	1.60E-06	2.09E-06	1.89E-06	8.63E-07	7.04E-07	3.06E-08	7.39E-07	1.63E-07	2.83E-07	4.49E-07	7.92E-08	4.65E-08	1.79E-06

117	494507.04, 3861089.65	0.63862	3.34E-03	4.36E-03	3.55E-03	1.16E-06	3.49E-06	2.02E-06	2.64E-06	2.39E-06	1.09E-06	8.90E-07	3.86E-08	9.33E-07	2.06E-07	3.58E-07	5.68E-07	1.00E-07	5.87E-08	2.26E-06
118	494507.04, 3861189.65	0.8029	4.20E-03	5.48E-03	4.47E-03	1.45E-06	4.39E-06	2.54E-06	3.31E-06	3.00E-06	1.37E-06	1.12E-06	4.86E-08	1.17E-06	2.59E-07	4.50E-07	7.14E-07	1.26E-07	7.38E-08	2.84E-06
119	494607.04, 3860789.65	0.32243	1.69E-03	2.20E-03	1.79E-03	5.84E-07	1.76E-06	1.02E-06	1.33E-06	1.21E-06	5.50E-07	4.49E-07	1.95E-08	4.71E-07	1.04E-07	1.81E-07	2.87E-07	5.05E-08	2.96E-08	1.14E-06
120	494607.04, 3860889.65	0.39366	2.06E-03	2.69E-03	2.19E-03	7.13E-07	2.15E-06	1.25E-06	1.62E-06	1.47E-06	6.72E-07	5.48E-07	2.38E-08	5.75E-07	1.27E-07	2.21E-07	3.50E-07	6.17E-08	3.62E-08	1.39E-06
121	494607.04, 3860989.65	0.48957	2.56E-03	3.34E-03	2.72E-03	8.87E-07	2.68E-06	1.55E-06	2.02E-06	1.83E-06	8.36E-07	6.82E-07	2.96E-08	7.15E-07	1.58E-07	2.74E-07	4.35E-07	7.67E-08	4.50E-08	1.73E-06
122	494607.04, 3861089.65	0.61839	3.24E-03	4.22E-03	3.44E-03	1.12E-06	3.38E-06	1.96E-06	2.55E-06	2.31E-06	1.06E-06	8.61E-07	3.74E-08	9.04E-07	1.99E-07	3.47E-07	5.50E-07	9.69E-08	5.68E-08	2.19E-06
123	494607.04, 3861189.65	0.77518	4.06E-03	5.29E-03	4.31E-03	1.40E-06	4.24E-06	2.45E-06	3.20E-06	2.90E-06	1.32E-06	1.08E-06	4.69E-08	1.13E-06	2.50E-07	4.34E-07	6.89E-07	1.21E-07	7.12E-08	2.75E-06
124	494707.04, 3860789.65	0.30579	1.60E-03	2.09E-03	1.70E-03	5.54E-07	1.67E-06	9.68E-07	1.26E-06	1.14E-06	5.22E-07	4.26E-07	1.85E-08	4.47E-07	9.86E-08	1.71E-07	2.72E-07	4.79E-08	2.81E-08	1.08E-06
125	494707.04, 3860889.65	0.38643	2.02E-03	2.64E-03	2.15E-03	7.00E-07	2.11E-06	1.22E-06	1.59E-06	1.45E-06	6.60E-07	5.38E-07	2.34E-08	5.65E-07	1.25E-07	2.17E-07	3.44E-07	6.05E-08	3.55E-08	1.37E-06
126	494707.04, 3860989.65	0.48445	2.54E-03	3.30E-03	2.70E-03	8.78E-07	2.65E-06	1.53E-06	2.00E-06	1.81E-06	8.27E-07	6.75E-07	2.93E-08	7.08E-07	1.56E-07	2.71E-07	4.31E-07	7.59E-08	4.45E-08	1.72E-06
127	494707.04, 3861089.65	0.59534	3.12E-03	4.06E-03	3.31E-03	1.08E-06	3.26E-06	1.89E-06	2.46E-06	2.23E-06	1.02E-06	8.29E-07	3.60E-08	8.70E-07	1.92E-07	3.34E-07	5.29E-07	9.33E-08	5.47E-08	2.11E-06
128	494707.04, 3861189.65	0.75174	3.93E-03	5.13E-03	4.18E-03	1.36E-06	4.11E-06	2.38E-06	3.10E-06	2.81E-06	1.28E-06	1.05E-06	4.55E-08	1.10E-06	2.42E-07	4.21E-07	6.68E-07	1.18E-07	6.91E-08	2.66E-06
129	494807.04, 3860789.65	0.30679	1.61E-03	2.09E-03	1.71E-03	5.56E-07	1.68E-06	9.71E-07	1.27E-06	1.15E-06	5.24E-07	4.27E-07	1.86E-08	4.48E-07	9.89E-08	1.72E-07	2.73E-07	4.81E-08	2.82E-08	1.09E-06
130	494807.04, 3860889.65	0.38236	2.00E-03	2.61E-03	2.13E-03	6.93E-07	2.09E-06	1.21E-06	1.58E-06	1.43E-06	6.53E-07	5.33E-07	2.31E-08	5.59E-07	1.23E-07	2.14E-07	3.40E-07	5.99E-08	3.51E-08	1.35E-06
131	494807.04, 3860989.65	0.46859	2.45E-03	3.20E-03	2.61E-03	8.49E-07	2.56E-06	1.48E-06	1.93E-06	1.75E-06	8.00E-07	6.53E-07	2.83E-08	6.85E-07	1.51E-07	2.63E-07	4.17E-07	7.34E-08	4.31E-08	1.66E-06
132	494807.04, 3861089.65	0.57728	3.02E-03	3.94E-03	3.21E-03	1.05E-06	3.16E-06	1.83E-06	2.38E-06	2.16E-06	9.85E-07	8.04E-07	3.49E-08	8.44E-07	1.86E-07	3.23E-07	5.13E-07	9.04E-08	5.30E-08	2.04E-06
133	494807.04, 3861189.65	0.70576	3.69E-03	4.81E-03	3.93E-03	1.28E-06	3.86E-06	2.23E-06	2.91E-06	2.64E-06	1.20E-06	9.83E-07	4.27E-08	1.03E-06	2.28E-07	3.95E-07	6.27E-07	1.11E-07	6.48E-08	2.50E-06
134	494807.04, 3861289.65	0.91154	4.77E-03	6.22E-03	5.07E-03	1.65E-06	4.99E-06	2.89E-06	3.76E-06	3.41E-06	1.56E-06	1.27E-06	5.51E-08	1.33E-06	2.94E-07	5.11E-07	8.10E-07	1.43E-07	8.38E-08	3.23E-06
135	494907.04, 3860789.65	0.27697	1.45E-03	1.89E-03	1.54E-03	5.02E-07	1.52E-06	8.77E-07	1.14E-06	1.04E-06	4.73E-07	3.86E-07	1.68E-08	4.05E-07	8.93E-08	1.55E-07	2.46E-07	4.34E-08	2.54E-08	9.81E-07
136	494907.04, 3860889.65	0.35346	1.85E-03	2.41E-03	1.97E-03	6.40E-07	1.93E-06	1.12E-06	1.46E-06	1.32E-06	6.03E-07	4.92E-07	2.14E-08	5.17E-07	1.14E-07	1.98E-07	3.14E-07	5.54E-08	3.25E-08	1.25E-06
137	494907.04, 3860989.65	0.44554	2.33E-03	3.04E-03	2.48E-03	8.07E-07	2.44E-06	1.41E-06	1.84E-06	1.67E-06	7.61E-07	6.21E-07	2.70E-08	6.51E-07	1.44E-07	2.50E-07	3.96E-07	6.98E-08	4.09E-08	1.58E-06
138	494907.04, 3861089.65	0.54929	2.87E-03	3.75E-03	3.06E-03	9.95E-07	3.00E-06	1.74E-06	2.27E-06	2.06E-06	9.38E-07	7.65E-07	3.32E-08	8.03E-07	1.77E-07	3.08E-07	4.88E-07	8.61E-08	5.05E-08	1.95E-06
139	494907.04, 3861189.65	0.6666	3.49E-03	4.55E-03	3.71E-03	1.21E-06	3.65E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.29E-07	4.03E-08	9.74E-07	2.15E-07	3.74E-07	5.93E-07	1.04E-07	6.12E-08	2.36E-06
140	494907.04, 3861289.65	0.83095	4.35E-03	5.67E-03	4.62E-03	1.51E-06	4.55E-06	2.63E-06	3.43E-06	3.11E-06	1.42E-06	1.16E-06	5.03E-08	1.21E-06	2.68E-07	4.66E-07	7.39E-07	1.30E-07	7.63E-08	2.94E-06
141	495007.04, 3860889.65	0.34668	1.81E-03	2.36E-03	1.93E-03	6.28E-07	1.90E-06	1.10E-06	1.43E-06	1.30E-06	5.92E-07	4.83E-07	2.10E-08	5.07E-07	1.12E-07	1.94E-07	3.08E-07	5.43E-08	3.19E-08	1.23E-06
142	495007.04, 3860989.65	0.43445	2.27E-03	2.96E-03	2.42E-03	7.87E-07	2.38E-06	1.38E-06	1.79E-06	1.63E-06	7.42E-07	6.05E-07	2.63E-08	6.35E-07	1.40E-07	2.43E-07	3.86E-07	6.81E-08	3.99E-08	1.54E-06
143	495007.04, 3861089.65	0.5296	2.77E-03	3.61E-03	2.95E-03	9.59E-07	2.90E-06	1.68E-06	2.19E-06	1.98E-06	9.04E-07	7.38E-07	3.20E-08	7.74E-07	1.71E-07	2.97E-07	4.71E-07	8.30E-08	4.87E-08	1.88E-06
144	495007.04, 3861189.65	0.64313	3.37E-03	4.39E-03	3.58E-03	1.17E-06	3.52E-06	2.04E-06	2.65E-06	2.41E-06	1.10E-06	8.96E-07	3.89E-08	9.40E-07	2.07E-07	3.60E-07	5.72E-07	1.01E-07	5.91E-08	2.28E-06
145	495007.04, 3861289.65	0.7972	4.17E-03	5.44E-03	4.44E-03	1.44E-06	4.36E-06	2.52E-06	3.29E-06	2.98E-06	1.36E-06	1.11E-06	4.82E-08	1.16E-06	2.57E-07	4.47E-07	7.09E-07	1.25E-07	7.32E-08	2.82E-06
146	495107.04, 3860889.65	0.34112	1.79E-03	2.33E-03	1.90E-03	6.18E-07	1.87E-06	1.08E-06	1.41E-06	1.28E-06	5.82E-07	4.75E-07	2.06E-08	4.98E-07	1.10E-07	1.91E-07	3.03E-07	5.34E-08	3.13E-08	1.21E-06
147	495107.04, 3860989.65	0.41697	2.18E-03	2.84E-03	2.32E-03	7.55E-07	2.28E-06	1.32E-06	1.72E-06	1.56E-06	7.12E-07	5.81E-07	2.52E-08	6.09E-07	1.34E-07	2.34E-07	3.71E-07	6.53E-08	3.83E-08	1.48E-06
148	495107.04, 3861089.65	0.51189	2.68E-03	3.49E-03	2.85E-03	9.27E-07	2.80E-06	1.62E-06	2.11E-06	1.92E-06	8.74E-07	7.13E-07	3.10E-08	7.48E-07	1.65E-07	2.87E-07	4.55E-07	8.02E-08	4.70E-08	1.81E-06
149	495107.04, 3861189.65	0.61725	3.23E-03	4.21E-03	3.44E-03	1.12E-06	3.38E-06	1.95E-06	2.55E-06	2.31E-06	1.05E-06	8.60E-07	3.73E-08	9.02E-07	1.99E-07	3.46E-07	5.49E-07	9.67E-08	5.67E-08	2.19E-06
150	495107.04, 3861289.65	0.76445	4.00E-03	5.21E-03	4.25E-03	1.38E-06	4.18E-06	2.42E-06	3.15E-06	2.86E-06	1.30E-06	1.06E-06	4.62E-08	1.12E-06	2.46E-07	4.28E-07	6.80E-07	1.20E-07	7.02E-08	2.71E-06
151	495207.04, 3860889.65	0.32813	1.72E-03	2.24E-03	1.83E-03	5.94E-07	1.79E-06	1.04E-06	1.35E-06	1.23E-06	5.60E-07	4.57E-07	1.99E-08	4.79E-07	1.06E-07	1.84E-07	2.92E-07	5.14E-08	3.01E-08	1.16E-06
152	495207.04, 3860989.65	0.39302	2.06E-03	2.68E-03	2.19E-03	7.12E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.71E-07	5.47E-07	2.38E-08	5.74E-07	1.27E-07	2.20E-07	3.49E-07	6.16E-08	3.61E-08	1.39E-06
153	495207.04, 3861089.65	0.49262	2.58E-03	3.36E-03	2.74E-03	8.92E-07	2.69E-06	1.56E-06	2.03E-06	1.84E-06	8.41E-07	6.86E-07	2.98E-08	7.20E-07	1.59E-07	2.76E-07	4.38E-07	7.72E-08	4.53E-08	1.74E-06
154	495207.04, 3861189.65	0.60199	3.15E-03	4.11E-03	3.35E-03	1.09E-06	3.29E-06	1.91E-06	2.48E-06	2.25E-06	1.03E-06	8.39E-07	3.64E-08	8.80E-07	1.94E-07	3.37E-07	5.35E-07	9.43E-08	5.53E-08	2.13E-06
155	495207.04, 3861289.65	0.74892	3.92E-03	5.11E-03	4.17E-03	1.36E-06	4.10E-06	2.37E-06	3.09E-06	2.80E-06	1.28E-06	1.04E-06	4.53E-08	1.09E-06	2.41E-07	4.20E-07	6.66E-07	1.17E-07	6.88E-08	2.65E-06
156	495207.04, 3861389.65	0.92209	4.83E-03	6.29E-03	5.13E-03	1.67E-06	5.04E-06	2.92E-06	3.81E-06	3.45E-06	1.57E-06	1.28E-06	5.58E-08	1.35E-06	2.97E-07	5.17E-07	8.20E-07	1.44E-07	8.47E-08	3.27E-06
157	495307.04, 3860889.65	0.31192	1.63E-03	2.13E-03	1.74E-03	5.65E-07	1.71E-06	9.88E-07	1.29E-06	1.17E-06	5.32E-07	4.34E-07	1.89E-08	4.56E-07	1.01E-07	1.75E-07	2.77E-07	4.89E-08	2.87E-08	1.10E-06
158	495307.04, 3860989.65	0.3882	2.03E-03	2.65E-03	2.16E-03	7.03E-07	2.12E-06	1.23E-06	1.60E-06	1.45E-06	6.63E-07	5.41E-07	2.35E-08	5.67E-07	1.25E-07	2.18E-07	3.45E-07	6.08E-08	3.57E-08	1.38E-06
159	495307.04, 3861089.65	0.4749	2.49E-03	3.24E-03	2.64E-03	8.60E-07	2.60E-06	1.50E-06	1.96E-06	1.78E-06	8.11E-07	6.61E-07	2.87E-08	6.94E-07	1.53E-07	2.66E-07	4.22E-07	7.44E-08	4.36E-08	1.68E-06
160	495307.04, 3861189.65	0.59754	3.13E-03	4.08E-03	3.33E-03	1.08E-06	3.27E-06	1.89E-06	2.47E-06	2.24E-06	1.02E-06	8.32E-07	3.61E-08	8.73E-07	1.93E-07	3.35E-07	5.31E-07	9.36E-08	5.49E-08	2.12E-06
161	495307.04, 3861289.65	0.7296	3.82E-03	4.98E-03	4.06E-03	1.32E-06	3.99E-06	2.31E-06	3.01E-06	2.73E-06	1.25E-06	1.02E-06	4.41E-08	1.07E-06	2.35E-07	4.09E-07	6.49E-07	1.14E-07	6.70E-08	2.58E-06
162	495307.04, 3861389.65	0.88699	4.64E-03	6.05E-03	4.94E-03	1.61E-06	4.85E-06	2.81E-06	3.66E-06	3.32E-06	1.51E-06	1.24E-06	5.37E-08	1.30E-06	2.86E-07	4.97E-07	7.88E-07	1.39E-07	8.15E-08	3.14E-06
163	495407.04, 3860989.65	0.38129	2.00E-03	2.60E-03	2.12E-03	6.91E-07	2.09E-06	1.21E-06	1.57E-06	1.43E-06	6.51E-07	5.31E-07	2.31E-08	5.57E-07	1.23E-07	2.14E-07	3.39E-07	5.97E-08	3.50E-08	1.35E-06
164	495407.04, 3861089.65	0.47197	2.47E-03	3.22E-03	2.63E-03	8.55E-07	2.58E-06	1.49E-06	1.95E-06	1.77E-06	8.06E-07	6.57E-07	2.86E-08	6.90E-07	1.52E-07	2.64E-07	4.20E-07	7.39E-08	4.34E-08	1.67E-06
165	495407.04, 3861189.65	0.57874	3.03E-03	3.95E-03	3.22E-03	1.05E-06	3.17E-06	1.83E-06	2.39E-06	2.17E-06	9.88E-07	8.06E-07	3.50E-08	8.46E-07	1.87E-07	3.24E-07	5.14E-07	9.07E-08	5.32E-08	2.05E-06
166	495407.04, 3861289.65	0.70178	3.67E-03	4.79E-03	3.91E-03	1.27E-06	3.84E-06	2.22E-06	2.90E-06	2.63E-06	1.20E-06	9.78E-07	4.25E-08	1.03E-06	2.26E-07	3.93E-07	6.24E-07	1.10E-07	6.45E-08	2.49E-06
167	495407.04, 3861389.65	0.8541	4.47E-03	5.83E-03	4.75E-03	1.55E-06	4.67E-06	2.70E-06	3.52E-06	3.20E-06	1.46E-06	1.19E-06	5.17E-08	1.25E-06	2.75E-07	4.79E-07	7.59E-07	1.34E-07	7.85E-08	3.03E-06
168	495507.04, 3860989.65	0.37925	1.98E-03	2.59E-03	2.11E-03	6.87E-07	2.07E-06	1.20E-06	1.57E-06	1.42E-06	6.47E-07	5.28E-07	2.29E-08	5.54E-07	1.22E-07	2.13E-07	3.37E-07	5.94E-08	3.48E-08	1.34E-06
169	495507.04, 3861089.65	0.4654	2.44E-03	3.17E-03	2.59E-03	8.43E-07	2.55E-06	1.47E-06	1.92E-06	1.74E-06	7.94E-07	6.48E-07	2.82E-08	6.80E-07	1.50E-07	2.61E-07	4.14E-07	7.29E-08	4.28E-08	1.65E-06
170	495507.04, 3861189.65	0.55988	2.93E-03	3.82E-03	3.12E-03	1.01E-06	3.06E-06	1.77E-06	2.31E-06	2.09E-06	9.56E-07	7.80E-07	3.39E-08	8.18E-07	1.81E-07	3.14E-07	4.98E-07	8.77E-08	5.14E-08	1.98E-06
171	495507.04, 3861289.65	0.67158	3.51E-03	4.58E-03	3.74E-03	1.22E-06	3.67E-06	2.13E-06	2.77E-06	2.51E-06	1.15E-06	9.35E-07	4.06E-08	9.81E-07	2.17E-07	3.76E-07	5.97E-07	1.05E-07	6.17E-08	2.38E-06
172	495507.04, 3861389.65	0.81782	4.28E-03	5.58E-03	4.55E-03	1.48E-06	4.47E-06	2.59E-06	3.38E-06	3.06E-06	1.40E-06	1.14E-06	4.95E-08	1.20E-06	2.64E-07	4.58E-07	7.27E-07	1.28E-07	7.51E-08	2.90E-06
173	495507.04, 3861489.65	1.00405	5.25E-03	6.85E-03	5.59E-03	1.82E-06	5.49E-06	3.18E-06	4.14E-06	3.76E-06	1.71E-06	1.40E-06	6.07E-08	1.47E-06	3.24E-07	5.63E-07	8.93E-07	1.57E-07	9.22E-08	3.56E-06
174	495607.04, 3860989.65	0.37025	1.94E-03	2.53E-03	2.06E-03	6.71E-07	2.03E-06	1.17E-06	1.53E-06	1.39E-06	6.32E-07	5.16E-07	2.24E-08	5.41E-07	1.19E-07	2.07E-07	3.29E-07	5.80E-08	3.40E-08	1.31E-06
175	495607.04, 3861089.65	0.46681	2.44E-03	3.18E-03	2.60E-03	8.46E-07	2.55E-06	1.48E-06	1.93E-06	1.75E-06	7.97E-07	6.50E-07	2.82E-08	6.82E-07	1.51E-07	2.62E-07	4.15E-07	7.31E-08	4.29E-08	1.65E-06
176	495607.04, 3861189.65	0.55232	2.89E-03	3.77E-03	3.07E-03	1.00E-06	3.02E-06	1.75E-06	2.28E-06	2.07E-06	9.43E-07	7.69E-07	3.34E-08	8.07E-07	1.78E-07	3.09E-07	4.91E-07	8.65E-08	5.07E-08	1.96E-06

177	495607.04, 3861289.65	0.65768	3.44E-03	4.49E-03	3.66E-03	1.19E-06	3.60E-06	2.08E-06	2.71E-06	2.46E-06	1.12E-06	9.16E-07	3.98E-08	9.61E-07	2.12E-07	3.69E-07	5.85E-07	1.03E-07	6.04E-08	2.33E-06
178	495607.04, 3861389.65	0.79473	4.16E-03	5.42E-03	4.42E-03	1.44E-06	4.35E-06	2.52E-06	3.28E-06	2.97E-06	1.36E-06	1.11E-06	4.81E-08	1.16E-06	2.56E-07	4.45E-07	7.06E-07	1.25E-07	7.30E-08	2.81E-06
179	495607.04, 3861489.65	0.96537	5.05E-03	6.58E-03	5.37E-03	1.75E-06	5.28E-06	3.06E-06	3.98E-06	3.61E-06	1.65E-06	1.34E-06	5.84E-08	1.41E-06	3.11E-07	5.41E-07	8.58E-07	1.51E-07	8.87E-08	3.42E-06
180	495707.04, 3860989.65	0.36934	1.93E-03	2.52E-03	2.06E-03	6.69E-07	2.02E-06	1.17E-06	1.52E-06	1.38E-06	6.30E-07	5.14E-07	2.23E-08	5.40E-07	1.19E-07	2.07E-07	3.28E-07	5.79E-08	3.39E-08	1.31E-06
181	495707.04, 3861089.65	0.46053	2.41E-03	3.14E-03	2.56E-03	8.34E-07	2.52E-06	1.46E-06	1.90E-06	1.72E-06	7.86E-07	6.41E-07	2.79E-08	6.73E-07	1.48E-07	2.58E-07	4.09E-07	7.21E-08	4.23E-08	1.63E-06
182	495707.04, 3861189.65	0.54905	2.87E-03	3.75E-03	3.06E-03	9.95E-07	3.00E-06	1.74E-06	2.27E-06	2.05E-06	9.37E-07	7.65E-07	3.32E-08	8.02E-07	1.77E-07	3.08E-07	4.88E-07	8.60E-08	5.04E-08	1.94E-06
183	495707.04, 3861289.65	0.64968	3.40E-03	4.43E-03	3.62E-03	1.18E-06	3.55E-06	2.06E-06	2.68E-06	2.43E-06	1.11E-06	9.05E-07	3.93E-08	9.49E-07	2.09E-07	3.64E-07	5.78E-07	1.02E-07	5.97E-08	2.30E-06
184	495707.04, 3861389.65	0.77292	4.05E-03	5.27E-03	4.30E-03	1.40E-06	4.23E-06	2.45E-06	3.19E-06	2.89E-06	1.32E-06	1.08E-06	4.68E-08	1.13E-06	2.49E-07	4.33E-07	6.87E-07	1.21E-07	7.10E-08	2.74E-06
185	495707.04, 3861489.65	0.94381	4.94E-03	6.44E-03	5.25E-03	1.71E-06	5.16E-06	2.99E-06	3.90E-06	3.53E-06	1.61E-06	1.31E-06	5.71E-08	1.38E-06	3.04E-07	5.29E-07	8.39E-07	1.48E-07	8.67E-08	3.34E-06
186	495807.04, 3860989.65	0.35738	1.87E-03	2.44E-03	1.99E-03	6.47E-07	1.95E-06	1.13E-06	1.47E-06	1.34E-06	6.10E-07	4.98E-07	2.16E-08	5.22E-07	1.15E-07	2.00E-07	3.18E-07	5.60E-08	3.28E-08	1.27E-06
187	495807.04, 3861089.65	0.45149	2.36E-03	3.08E-03	2.51E-03	8.18E-07	2.47E-06	1.43E-06	1.86E-06	1.69E-06	7.71E-07	6.29E-07	2.73E-08	6.60E-07	1.46E-07	2.53E-07	4.01E-07	7.07E-08	4.15E-08	1.60E-06
188	495807.04, 3861189.65	0.53967	2.82E-03	3.68E-03	3.00E-03	9.78E-07	2.95E-06	1.71E-06	2.23E-06	2.02E-06	9.21E-07	7.52E-07	3.26E-08	7.89E-07	1.74E-07	3.02E-07	4.80E-07	8.45E-08	4.96E-08	1.91E-06
189	495807.04, 3861289.65	0.63735	3.34E-03	4.35E-03	3.55E-03	1.15E-06	3.49E-06	2.02E-06	2.63E-06	2.38E-06	1.09E-06	8.88E-07	3.86E-08	9.31E-07	2.06E-07	3.57E-07	5.67E-07	9.98E-08	5.86E-08	2.26E-06
190	495807.04, 3861389.65	0.75286	3.94E-03	5.14E-03	4.19E-03	1.36E-06	4.12E-06	2.38E-06	3.11E-06	2.82E-06	1.29E-06	1.05E-06	4.55E-08	1.10E-06	2.43E-07	4.22E-07	6.69E-07	1.18E-07	6.92E-08	2.67E-06
191	495807.04, 3861489.65	0.91273	4.78E-03	6.23E-03	5.08E-03	1.65E-06	4.99E-06	2.89E-06	3.77E-06	3.41E-06	1.56E-06	1.27E-06	5.52E-08	1.33E-06	2.94E-07	5.11E-07	8.11E-07	1.43E-07	8.39E-08	3.23E-06
192	495907.04, 3861089.65	0.43295	2.27E-03	2.95E-03	2.41E-03	7.84E-07	2.37E-06	1.37E-06	1.79E-06	1.62E-06	7.39E-07	6.03E-07	2.62E-08	6.33E-07	1.40E-07	2.43E-07	3.85E-07	6.78E-08	3.98E-08	1.53E-06
193	495907.04, 3861189.65	0.52161	2.73E-03	3.56E-03	2.90E-03	9.45E-07	2.85E-06	1.65E-06	2.15E-06	1.95E-06	8.90E-07	7.27E-07	3.16E-08	7.62E-07	1.68E-07	2.92E-07	4.64E-07	8.17E-08	4.79E-08	1.85E-06
194	495907.04, 3861289.65	0.61506	3.22E-03	4.20E-03	3.42E-03	1.11E-06	3.36E-06	1.95E-06	2.54E-06	2.30E-06	1.05E-06	8.57E-07	3.72E-08	8.99E-07	1.98E-07	3.45E-07	5.47E-07	9.64E-08	5.65E-08	2.18E-06
195	495907.04, 3861389.65	0.72707	3.81E-03	4.96E-03	4.05E-03	1.32E-06	3.98E-06	2.30E-06	3.00E-06	2.72E-06	1.24E-06	1.01E-06	4.40E-08	1.06E-06	2.34E-07	4.07E-07	6.46E-07	1.14E-07	6.68E-08	2.58E-06
196	495907.04, 3861489.65	0.87804	4.60E-03	5.99E-03	4.89E-03	1.59E-06	4.80E-06	2.78E-06	3.62E-06	3.28E-06	1.50E-06	1.22E-06	5.31E-08	1.28E-06	2.83E-07	4.92E-07	7.81E-07	1.38E-07	8.07E-08	3.11E-06
197	495907.04, 3861589.65	1.04657	5.48E-03	7.14E-03	5.82E-03	1.90E-06	5.72E-06	3.31E-06	4.32E-06	3.92E-06	1.79E-06	1.46E-06	6.33E-08	1.53E-06	3.37E-07	5.86E-07	9.30E-07	1.64E-07	9.62E-08	3.71E-06
198	496007.04, 3861089.65	0.41704	2.18E-03	2.84E-03	2.32E-03	7.56E-07	2.28E-06	1.32E-06	1.72E-06	1.56E-06	7.12E-07	5.81E-07	2.52E-08	6.09E-07	1.34E-07	2.34E-07	3.71E-07	6.53E-08	3.83E-08	1.48E-06
199	496007.04, 3861189.65	0.49981	2.62E-03	3.41E-03	2.78E-03	9.05E-07	2.73E-06	1.58E-06	2.06E-06	1.87E-06	8.53E-07	6.96E-07	3.02E-08	7.30E-07	1.61E-07	2.80E-07	4.44E-07	7.83E-08	4.59E-08	1.77E-06
200	496007.04, 3861289.65	0.59028	3.09E-03	4.03E-03	3.29E-03	1.07E-06	3.23E-06	1.87E-06	2.44E-06	2.21E-06	1.01E-06	8.22E-07	3.57E-08	8.63E-07	1.90E-07	3.31E-07	5.25E-07	9.25E-08	5.42E-08	2.09E-06
201	496007.04, 3861389.65	0.69925	3.66E-03	4.77E-03	3.89E-03	1.27E-06	3.82E-06	2.21E-06	2.89E-06	2.62E-06	1.19E-06	9.74E-07	4.23E-08	1.02E-06	2.25E-07	3.92E-07	6.22E-07	1.10E-07	6.42E-08	2.48E-06
202	496007.04, 3861489.65	0.83899	4.39E-03	5.72E-03	4.67E-03	1.52E-06	4.59E-06	2.66E-06	3.46E-06	3.14E-06	1.43E-06	1.17E-06	5.08E-08	1.23E-06	2.71E-07	4.70E-07	7.46E-07	1.31E-07	7.71E-08	2.97E-06
203	496007.04, 3861589.65	1.00624	5.27E-03	6.86E-03	5.60E-03	1.82E-06	5.50E-06	3.19E-06	4.15E-06	3.76E-06	1.72E-06	1.40E-06	6.09E-08	1.47E-06	3.24E-07	5.64E-07	8.94E-07	1.58E-07	9.25E-08	3.56E-06
204	496107.04, 3861089.65	0.39776	2.08E-03	2.71E-03	2.21E-03	7.21E-07	2.18E-06	1.26E-06	1.64E-06	1.49E-06	6.79E-07	5.54E-07	2.41E-08	5.81E-07	1.28E-07	2.23E-07	3.54E-07	6.23E-08	3.65E-08	1.41E-06
205	496107.04, 3861189.65	0.47363	2.48E-03	3.23E-03	2.64E-03	8.58E-07	2.59E-06	1.50E-06	1.95E-06	1.77E-06	8.09E-07	6.60E-07	2.87E-08	6.92E-07	1.53E-07	2.65E-07	4.21E-07	7.42E-08	4.35E-08	1.68E-06
206	496107.04, 3861289.65	0.56117	2.94E-03	3.83E-03	3.12E-03	1.02E-06	3.07E-06	1.78E-06	2.32E-06	2.10E-06	9.58E-07	7.82E-07	3.39E-08	8.20E-07	1.81E-07	3.14E-07	4.99E-07	8.79E-08	5.16E-08	1.99E-06
207	496107.04, 3861389.65	0.67003	3.51E-03	4.57E-03	3.73E-03	1.21E-06	3.67E-06	2.12E-06	2.77E-06	2.51E-06	1.14E-06	9.33E-07	4.05E-08	9.79E-07	2.16E-07	3.75E-07	5.96E-07	1.05E-07	6.16E-08	2.37E-06
208	496107.04, 3861489.65	0.79539	4.16E-03	5.43E-03	4.43E-03	1.44E-06	4.35E-06	2.52E-06	3.28E-06	2.98E-06	1.36E-06	1.11E-06	4.81E-08	1.16E-06	2.56E-07	4.46E-07	7.07E-07	1.25E-07	7.31E-08	2.82E-06
209	496107.04, 3861589.65	0.96336	5.04E-03	6.57E-03	5.36E-03	1.75E-06	5.27E-06	3.05E-06	3.98E-06	3.60E-06	1.64E-06	1.34E-06	5.83E-08	1.41E-06	3.11E-07	5.40E-07	8.56E-07	1.51E-07	8.85E-08	3.41E-06
210	496207.04, 3861089.65	0.36942	1.93E-03	2.52E-03	2.06E-03	6.69E-07	2.02E-06	1.17E-06	1.52E-06	1.38E-06	6.31E-07	5.15E-07	2.23E-08	5.40E-07	1.19E-07	2.07E-07	3.28E-07	5.79E-08	3.39E-08	1.31E-06
211	496207.04, 3861189.65	0.44163	2.31E-03	3.01E-03	2.46E-03	8.00E-07	2.42E-06	1.40E-06	1.82E-06	1.65E-06	7.54E-07	6.15E-07	2.67E-08	6.45E-07	1.42E-07	2.47E-07	3.93E-07	6.92E-08	4.06E-08	1.56E-06
212	496207.04, 3861289.65	0.52981	2.77E-03	3.61E-03	2.95E-03	9.60E-07	2.90E-06	1.68E-06	2.19E-06	1.98E-06	9.04E-07	7.38E-07	3.21E-08	7.74E-07	1.71E-07	2.97E-07	4.71E-07	8.30E-08	4.87E-08	1.88E-06
213	496207.04, 3861389.65	0.63838	3.34E-03	4.35E-03	3.55E-03	1.16E-06	3.49E-06	2.02E-06	2.63E-06	2.39E-06	1.09E-06	8.89E-07	3.86E-08	9.33E-07	2.06E-07	3.58E-07	5.67E-07	1.00E-07	5.87E-08	2.26E-06
214	496207.04, 3861489.65	0.76224	3.99E-03	5.20E-03	4.24E-03	1.38E-06	4.17E-06	2.41E-06	3.15E-06	2.85E-06	1.30E-06	1.06E-06	4.61E-08	1.11E-06	2.46E-07	4.27E-07	6.78E-07	1.19E-07	7.00E-08	2.70E-06
215	496207.04, 3861589.65	0.92369	4.83E-03	6.30E-03	5.14E-03	1.67E-06	5.05E-06	2.92E-06	3.81E-06	3.46E-06	1.58E-06	1.29E-06	5.59E-08	1.35E-06	2.98E-07	5.18E-07	8.21E-07	1.45E-07	8.49E-08	3.27E-06
216	496207.04, 3861689.65	1.10915	5.80E-03	7.57E-03	6.17E-03	2.01E-06	6.07E-06	3.51E-06	4.58E-06	4.15E-06	1.89E-06	1.54E-06	6.71E-08	1.62E-06	3.58E-07	6.22E-07	9.86E-07	1.74E-07	1.02E-07	3.93E-06
217	496307.04, 3861089.65	0.33922	1.78E-03	2.31E-03	1.89E-03	6.15E-07	1.86E-06	1.07E-06	1.40E-06	1.27E-06	5.79E-07	4.73E-07	2.05E-08	4.96E-07	1.09E-07	1.90E-07	3.02E-07	5.31E-08	3.12E-08	1.20E-06
218	496307.04, 3861189.65	0.40913	2.14E-03	2.79E-03	2.28E-03	7.41E-07	2.24E-06	1.30E-06	1.69E-06	1.53E-06	6.98E-07	5.70E-07	2.48E-08	5.98E-07	1.32E-07	2.29E-07	3.64E-07	6.41E-08	3.76E-08	1.45E-06
219	496307.04, 3861289.65	0.5019	2.63E-03	3.42E-03	2.79E-03	9.09E-07	2.75E-06	1.59E-06	2.07E-06	1.88E-06	8.57E-07	6.99E-07	3.04E-08	7.33E-07	1.62E-07	2.81E-07	4.46E-07	7.86E-08	4.61E-08	1.78E-06
220	496307.04, 3861389.65	0.61234	3.20E-03	4.18E-03	3.41E-03	1.11E-06	3.35E-06	1.94E-06	2.53E-06	2.29E-06	1.05E-06	8.53E-07	3.70E-08	8.95E-07	1.97E-07	3.43E-07	5.44E-07	9.59E-08	5.63E-08	2.17E-06
221	496307.04, 3861489.65	0.73593	3.85E-03	5.02E-03	4.10E-03	1.33E-06	4.03E-06	2.33E-06	3.04E-06	2.75E-06	1.26E-06	1.03E-06	4.45E-08	1.08E-06	2.37E-07	4.12E-07	6.54E-07	1.15E-07	6.76E-08	2.61E-06
222	496307.04, 3861589.65	0.87819	4.60E-03	5.99E-03	4.89E-03	1.59E-06	4.80E-06	2.78E-06	3.62E-06	3.29E-06	1.50E-06	1.22E-06	5.31E-08	1.28E-06	2.83E-07	4.92E-07	7.81E-07	1.38E-07	8.07E-08	3.11E-06
223	496307.04, 3861689.65	1.05768	5.54E-03	7.21E-03	5.89E-03	1.92E-06	5.79E-06	3.35E-06	4.37E-06	3.96E-06	1.81E-06	1.47E-06	6.40E-08	1.55E-06	3.41E-07	5.93E-07	9.40E-07	1.66E-07	9.72E-08	3.75E-06
224	496407.04, 3861089.65	0.31661	1.66E-03	2.16E-03	1.76E-03	5.74E-07	1.73E-06	1.00E-06	1.31E-06	1.18E-06	5.40E-07	4.41E-07	1.92E-08	4.63E-07	1.02E-07	1.77E-07	2.81E-07	4.96E-08	2.91E-08	1.12E-06
225	496407.04, 3861189.65	0.38911	2.04E-03	2.65E-03	2.17E-03	7.05E-07	2.13E-06	1.23E-06	1.61E-06	1.46E-06	6.64E-07	5.42E-07	2.35E-08	5.69E-07	1.25E-07	2.18E-07	3.46E-07	6.10E-08	3.58E-08	1.38E-06
226	496407.04, 3861289.65	0.48578	2.54E-03	3.31E-03	2.70E-03	8.80E-07	2.66E-06	1.54E-06	2.00E-06	1.82E-06	8.29E-07	6.77E-07	2.94E-08	7.10E-07	1.57E-07	2.72E-07	4.32E-07	7.61E-08	4.46E-08	1.72E-06
227	496407.04, 3861389.65	0.58878	3.08E-03	4.02E-03	3.28E-03	1.07E-06	3.22E-06	1.86E-06	2.43E-06	2.20E-06	1.01E-06	8.20E-07	3.56E-08	8.60E-07	1.90E-07	3.30E-07	5.23E-07	9.22E-08	5.41E-08	2.09E-06
228	496407.04, 3861489.65	0.70206	3.67E-03	4.79E-03	3.91E-03	1.27E-06	3.84E-06	2.22E-06	2.90E-06	2.63E-06	1.20E-06	9.78E-07	4.25E-08	1.03E-06	2.26E-07	3.93E-07	6.24E-07	1.10E-07	6.45E-08	2.49E-06
229	496407.04, 3861589.65	0.83529	4.37E-03	5.70E-03	4.65E-03	1.51E-06	4.57E-06	2.65E-06	3.45E-06	3.13E-06	1.43E-06	1.16E-06	5.05E-08	1.22E-06	2.69E-07	4.68E-07	7.43E-07	1.31E-07	7.67E-08	2.96E-06
230	496407.04, 3861689.65	1.00682	5.27E-03	6.87E-03	5.60E-03	1.82E-06	5.51E-06	3.19E-06	4.16E-06	3.77E-06	1.72E-06	1.40E-06	6.09E-08	1.47E-06	3.25E-07	5.64E-07	8.95E-07	1.58E-07	9.25E-08	3.57E-06
231	496507.04, 3861289.65	0.46148	2.42E-03	3.15E-03	2.57E-03	8.36E-07	2.52E-06	1.46E-06	1.90E-06	1.73E-06	7.88E-07	6.43E-07	2.79E-08	6.74E-07	1.49E-07	2.59E-07	4.10E-07	7.23E-08	4.24E-08	1.63E-06
232	496507.04, 3861389.65	0.55867	2.92E-03	3.81E-03	3.11E-03	1.01E-06	3.06E-06	1.77E-06	2.31E-06	2.09E-06	9.54E-07	7.78E-07	3.38E-08	8.16E-07	1.80E-07	3.13E-07	4.97E-07	8.75E-08	5.13E-08	1.98E-06
233	496507.04, 3861489.65	0.66602	3.49E-03	4.54E-03	3.71E-03	1.21E-06	3.64E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.28E-07	4.03E-08	9.73E-07	2.15E-07	3.73E-07	5.92E-07	1.04E-07	6.12E-08	2.36E-06
234	496507.04, 3861589.65	0.79191	4.14E-03	5.40E-03	4.41E-03	1.43E-06	4.33E-06	2.51E-06	3.27E-06	2.96E-06	1.35E-06	1.10E-06	4.79E-08	1.16E-06	2.55E-07	4.44E-07	7.04E-07	1.24E-07	7.28E-08	2.80E-06
235	496507.04, 3861689.65	0.94014	4.92E-03	6.41E-03	5.23E-03	1.70E-06	5.14E-06	2.98E-06	3.88E-06	3.52E-06	1.60E-06	1.31E-06	5.69E-08	1.37E-06	3.03E-07	5.27E-07	8.36E-07	1.47E-07	8.64E-08	3.33E-06
236	496607.04, 3861289.65	0.42632	2.23E-03	2.91E-03	2.37E-03	7.72E-07	2.33E-06	1.35E-06	1.76E-06	1.59E-06	7.28E-07	5.94E-07	2.58E-08	6.23E-07	1.37E-07	2.39E-07	3.79E-07	6.68E-08	3.92E-08	1.51E-06

237	496607.04, 3861389.65	0.51776	2.71E-03	3.53E-03	2.88E-03	9.38E-07	2.83E-06	1.64E-06	2.14E-06	1.94E-06	8.84E-07	7.21E-07	3.13E-08	7.57E-07	1.67E-07	2.90E-07	4.60E-07	8.11E-08	4.76E-08	1.83E-06
238	496607.04, 3861489.65	0.62023	3.25E-03	4.23E-03	3.45E-03	1.12E-06	3.39E-06	1.96E-06	2.56E-06	2.32E-06	1.06E-06	8.64E-07	3.75E-08	9.06E-07	2.00E-07	3.48E-07	5.51E-07	9.72E-08	5.70E-08	2.20E-06
239	496607.04, 3861589.65	0.73993	3.87E-03	5.05E-03	4.12E-03	1.34E-06	4.05E-06	2.34E-06	3.05E-06	2.77E-06	1.26E-06	1.03E-06	4.48E-08	1.08E-06	2.39E-07	4.15E-07	6.58E-07	1.16E-07	6.80E-08	2.62E-06
240	496607.04, 3861689.65	0.87952	4.60E-03	6.00E-03	4.90E-03	1.59E-06	4.81E-06	2.79E-06	3.63E-06	3.29E-06	1.50E-06	1.23E-06	5.32E-08	1.29E-06	2.84E-07	4.93E-07	7.82E-07	1.38E-07	8.08E-08	3.12E-06
241	496607.04, 3861789.65	0.99511	5.21E-03	6.79E-03	5.54E-03	1.80E-06	5.44E-06	3.15E-06	4.11E-06	3.72E-06	1.70E-06	1.39E-06	6.02E-08	1.45E-06	3.21E-07	5.58E-07	8.85E-07	1.56E-07	9.14E-08	3.52E-06
242	496707.04, 3861289.65	0.39014	2.04E-03	2.66E-03	2.17E-03	7.07E-07	2.13E-06	1.24E-06	1.61E-06	1.46E-06	6.66E-07	5.43E-07	2.36E-08	5.70E-07	1.26E-07	2.19E-07	3.47E-07	6.11E-08	3.58E-08	1.38E-06
243	496707.04, 3861389.65	0.4777	2.50E-03	3.26E-03	2.66E-03	8.65E-07	2.61E-06	1.51E-06	1.97E-06	1.79E-06	8.15E-07	6.65E-07	2.89E-08	6.98E-07	1.54E-07	2.68E-07	4.25E-07	7.48E-08	4.39E-08	1.69E-06
244	496707.04, 3861489.65	0.56997	2.98E-03	3.89E-03	3.17E-03	1.03E-06	3.12E-06	1.80E-06	2.35E-06	2.13E-06	9.73E-07	7.94E-07	3.45E-08	8.33E-07	1.84E-07	3.19E-07	5.07E-07	8.93E-08	5.24E-08	2.02E-06
245	496707.04, 3861589.65	0.68757	3.60E-03	4.69E-03	3.83E-03	1.25E-06	3.76E-06	2.18E-06	2.84E-06	2.57E-06	1.17E-06	9.58E-07	4.16E-08	1.00E-06	2.22E-07	3.85E-07	6.11E-07	1.08E-07	6.32E-08	2.44E-06
246	496707.04, 3861689.65	0.80283	4.20E-03	5.48E-03	4.47E-03	1.45E-06	4.39E-06	2.54E-06	3.31E-06	3.00E-06	1.37E-06	1.12E-06	4.86E-08	1.17E-06	2.59E-07	4.50E-07	7.14E-07	1.26E-07	7.38E-08	2.84E-06
247	496707.04, 3861789.65	0.78387	4.10E-03	5.35E-03	4.36E-03	1.42E-06	4.29E-06	2.48E-06	3.24E-06	2.93E-06	1.34E-06	1.09E-06	4.74E-08	1.15E-06	2.53E-07	4.39E-07	6.97E-07	1.23E-07	7.20E-08	2.78E-06
248	496807.04, 3861289.65	0.35932	1.88E-03	2.45E-03	2.00E-03	6.51E-07	1.97E-06	1.14E-06	1.48E-06	1.34E-06	6.13E-07	5.01E-07	2.17E-08	5.25E-07	1.16E-07	2.01E-07	3.19E-07	5.63E-08	3.30E-08	1.27E-06
249	496807.04, 3861389.65	0.43516	2.28E-03	2.97E-03	2.42E-03	7.88E-07	2.38E-06	1.38E-06	1.80E-06	1.63E-06	7.43E-07	6.06E-07	2.63E-08	6.36E-07	1.40E-07	2.44E-07	3.87E-07	6.82E-08	4.00E-08	1.54E-06
250	496807.04, 3861489.65	0.53226	2.79E-03	3.63E-03	2.96E-03	9.64E-07	2.91E-06	1.69E-06	2.20E-06	1.99E-06	9.09E-07	7.41E-07	3.22E-08	7.78E-07	1.72E-07	2.98E-07	4.73E-07	8.34E-08	4.89E-08	1.89E-06
251	496807.04, 3861589.65	0.63499	3.32E-03	4.33E-03	3.53E-03	1.15E-06	3.47E-06	2.01E-06	2.62E-06	2.38E-06	1.08E-06	8.84E-07	3.84E-08	9.28E-07	2.05E-07	3.56E-07	5.64E-07	9.95E-08	5.83E-08	2.25E-06
252	496807.04, 3861689.65	0.71046	3.72E-03	4.85E-03	3.95E-03	1.29E-06	3.89E-06	2.25E-06	2.93E-06	2.66E-06	1.21E-06	9.90E-07	4.30E-08	1.04E-06	2.29E-07	3.98E-07	6.32E-07	1.11E-07	6.53E-08	2.52E-06
253	496807.04, 3861789.65	0.64372	3.37E-03	4.39E-03	3.58E-03	1.17E-06	3.52E-06	2.04E-06	2.66E-06	2.41E-06	1.10E-06	8.97E-07	3.89E-08	9.41E-07	2.08E-07	3.61E-07	5.72E-07	1.01E-07	5.91E-08	2.28E-06
254	496907.04, 3861389.65	0.40375	2.11E-03	2.75E-03	2.25E-03	7.31E-07	2.21E-06	1.28E-06	1.67E-06	1.51E-06	6.89E-07	5.62E-07	2.44E-08	5.90E-07	1.30E-07	2.26E-07	3.59E-07	6.33E-08	3.71E-08	1.43E-06
255	496907.04, 3861489.65	0.49167	2.57E-03	3.35E-03	2.74E-03	8.91E-07	2.69E-06	1.56E-06	2.03E-06	1.84E-06	8.39E-07	6.85E-07	2.97E-08	7.18E-07	1.59E-07	2.76E-07	4.37E-07	7.70E-08	4.52E-08	1.74E-06
256	496907.04, 3861589.65	0.57969	3.03E-03	3.95E-03	3.23E-03	1.05E-06	3.17E-06	1.84E-06	2.39E-06	2.17E-06	9.90E-07	8.07E-07	3.51E-08	8.47E-07	1.87E-07	3.25E-07	5.15E-07	9.08E-08	5.33E-08	2.05E-06
257	496907.04, 3861689.65	0.62761	3.28E-03	4.28E-03	3.49E-03	1.14E-06	3.43E-06	1.99E-06	2.59E-06	2.35E-06	1.07E-06	8.74E-07	3.80E-08	9.17E-07	2.02E-07	3.52E-07	5.58E-07	9.83E-08	5.77E-08	2.22E-06
258	496907.04, 3861789.65	0.66531	3.48E-03	4.54E-03	3.70E-03	1.21E-06	3.64E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.27E-07	4.02E-08	9.72E-07	2.15E-07	3.73E-07	5.91E-07	1.04E-07	6.11E-08	2.36E-06
259	496907.04, 3861889.65	0.53616	2.81E-03	3.66E-03	2.98E-03	9.71E-07	2.93E-06	1.70E-06	2.21E-06	2.01E-06	9.15E-07	7.47E-07	3.24E-08	7.83E-07	1.73E-07	3.00E-07	4.77E-07	8.40E-08	4.93E-08	1.90E-06
260	497007.04, 3861389.65	0.38004	1.99E-03	2.59E-03	2.12E-03	6.88E-07	2.08E-06	1.20E-06	1.57E-06	1.42E-06	6.49E-07	5.29E-07	2.30E-08	5.55E-07	1.23E-07	2.13E-07	3.38E-07	5.95E-08	3.49E-08	1.35E-06
261	497007.04, 3861489.65	0.43781	2.29E-03	2.99E-03	2.44E-03	7.93E-07	2.39E-06	1.39E-06	1.81E-06	1.64E-06	7.47E-07	6.10E-07	2.65E-08	6.40E-07	1.41E-07	2.45E-07	3.89E-07	6.86E-08	4.02E-08	1.55E-06
262	497007.04, 3861589.65	0.52189	2.73E-03	3.56E-03	2.90E-03	9.45E-07	2.85E-06	1.65E-06	2.15E-06	1.95E-06	8.91E-07	7.27E-07	3.16E-08	7.63E-07	1.68E-07	2.92E-07	4.64E-07	8.18E-08	4.80E-08	1.85E-06
263	497007.04, 3861689.65	0.57123	2.99E-03	3.90E-03	3.18E-03	1.03E-06	3.12E-06	1.81E-06	2.36E-06	2.14E-06	9.75E-07	7.96E-07	3.46E-08	8.35E-07	1.84E-07	3.20E-07	5.08E-07	8.95E-08	5.25E-08	2.02E-06
264	497007.04, 3861789.65	0.57204	2.99E-03	3.90E-03	3.18E-03	1.04E-06	3.13E-06	1.81E-06	2.36E-06	2.14E-06	9.77E-07	7.97E-07	3.46E-08	8.36E-07	1.84E-07	3.21E-07	5.08E-07	8.96E-08	5.26E-08	2.03E-06
265	497007.04, 3861889.65	0.48921	2.56E-03	3.34E-03	2.72E-03	8.86E-07	2.68E-06	1.55E-06	2.02E-06	1.83E-06	8.35E-07	6.81E-07	2.96E-08	7.15E-07	1.58E-07	2.74E-07	4.35E-07	7.66E-08	4.49E-08	1.73E-06
266	497107.04, 3861389.65	0.3164	1.66E-03	2.16E-03	1.76E-03	5.73E-07	1.73E-06	1.00E-06	1.31E-06	1.18E-06	5.40E-07	4.41E-07	1.91E-08	4.62E-07	1.02E-07	1.77E-07	2.81E-07	4.96E-08	2.91E-08	1.12E-06
267	497107.04, 3861489.65	0.39775	2.08E-03	2.71E-03	2.21E-03	7.21E-07	2.18E-06	1.26E-06	1.64E-06	1.49E-06	6.79E-07	5.54E-07	2.41E-08	5.81E-07	1.28E-07	2.23E-07	3.54E-07	6.23E-08	3.65E-08	1.41E-06
268	497107.04, 3861589.65	0.45046	2.36E-03	3.07E-03	2.51E-03	8.16E-07	2.46E-06	1.43E-06	1.86E-06	1.69E-06	7.69E-07	6.27E-07	2.73E-08	6.58E-07	1.45E-07	2.52E-07	4.00E-07	7.06E-08	4.14E-08	1.60E-06
269	497107.04, 3861689.65	0.55767	2.92E-03	3.80E-03	3.10E-03	1.01E-06	3.05E-06	1.77E-06	2.30E-06	2.09E-06	9.52E-07	7.77E-07	3.37E-08	8.15E-07	1.80E-07	3.12E-07	4.96E-07	8.74E-08	5.12E-08	1.98E-06
270	497107.04, 3861789.65	0.62114	3.25E-03	4.24E-03	3.46E-03	1.13E-06	3.40E-06	1.97E-06	2.56E-06	2.32E-06	1.06E-06	8.65E-07	3.76E-08	9.08E-07	2.00E-07	3.48E-07	5.52E-07	9.73E-08	5.71E-08	2.20E-06
271	497107.04, 3861889.65	0.54251	2.84E-03	3.70E-03	3.02E-03	9.83E-07	2.97E-06	1.72E-06	2.24E-06	2.03E-06	9.26E-07	7.56E-07	3.28E-08	7.93E-07	1.75E-07	3.04E-07	4.82E-07	8.50E-08	4.98E-08	1.92E-06
272	497207.04, 3861389.65	0.32537	1.70E-03	2.22E-03	1.81E-03	5.89E-07	1.78E-06	1.03E-06	1.34E-06	1.22E-06	5.55E-07	4.53E-07	1.97E-08	4.75E-07	1.05E-07	1.82E-07	2.89E-07	5.10E-08	2.99E-08	1.15E-06
273	497207.04, 3861489.65	0.39312	2.06E-03	2.68E-03	2.19E-03	7.12E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.71E-07	5.48E-07	2.38E-08	5.74E-07	1.27E-07	2.20E-07	3.49E-07	6.16E-08	3.61E-08	1.39E-06
274	497207.04, 3861589.65	0.42278	2.21E-03	2.88E-03	2.35E-03	7.66E-07	2.31E-06	1.34E-06	1.74E-06	1.58E-06	7.22E-07	5.89E-07	2.56E-08	6.18E-07	1.36E-07	2.37E-07	3.76E-07	6.62E-08	3.88E-08	1.50E-06
275	497207.04, 3861689.65	0.53089	2.78E-03	3.62E-03	2.95E-03	9.62E-07	2.90E-06	1.68E-06	2.19E-06	1.99E-06	9.06E-07	7.39E-07	3.21E-08	7.76E-07	1.71E-07	2.97E-07	4.72E-07	8.32E-08	4.88E-08	1.88E-06
276	497207.04, 3861789.65	0.67517	3.53E-03	4.61E-03	3.76E-03	1.22E-06	3.69E-06	2.14E-06	2.79E-06	2.53E-06	1.15E-06	9.40E-07	4.08E-08	9.87E-07	2.18E-07	3.78E-07	6.00E-07	1.06E-07	6.20E-08	2.39E-06
277	497207.04, 3861889.65	0.68075	3.56E-03	4.64E-03	3.79E-03	1.23E-06	3.72E-06	2.16E-06	2.81E-06	2.55E-06	1.16E-06	9.48E-07	4.12E-08	9.95E-07	2.20E-07	3.81E-07	6.05E-07	1.07E-07	6.25E-08	2.41E-06
278	497307.04, 3861489.65	0.42632	2.23E-03	2.91E-03	2.37E-03	7.72E-07	2.33E-06	1.35E-06	1.76E-06	1.59E-06	7.28E-07	5.94E-07	2.58E-08	6.23E-07	1.37E-07	2.39E-07	3.79E-07	6.68E-08	3.92E-08	1.51E-06
279	497307.04, 3861589.65	0.49823	2.61E-03	3.40E-03	2.77E-03	9.03E-07	2.73E-06	1.58E-06	2.06E-06	1.86E-06	8.51E-07	6.94E-07	3.01E-08	7.28E-07	1.61E-07	2.79E-07	4.43E-07	7.81E-08	4.58E-08	1.76E-06
280	497307.04, 3861689.65	0.60388	3.16E-03	4.12E-03	3.36E-03	1.09E-06	3.30E-06	1.91E-06	2.49E-06	2.26E-06	1.03E-06	8.41E-07	3.65E-08	8.82E-07	1.95E-07	3.38E-07	5.37E-07	9.46E-08	5.55E-08	2.14E-06
281	497307.04, 3861789.65	0.73186	3.83E-03	4.99E-03	4.07E-03	1.33E-06	4.00E-06	2.32E-06	3.02E-06	2.74E-06	1.25E-06	1.02E-06	4.43E-08	1.07E-06	2.36E-07	4.10E-07	6.51E-07	1.15E-07	6.72E-08	2.59E-06
282	497307.04, 3861889.65	0.74378	3.89E-03	5.07E-03	4.14E-03	1.35E-06	4.07E-06	2.36E-06	3.07E-06	2.78E-06	1.27E-06	1.04E-06	4.50E-08	1.09E-06	2.40E-07	4.17E-07	6.61E-07	1.17E-07	6.83E-08	2.63E-06
283	497307.04, 3861989.65	0.78155	4.09E-03	5.33E-03	4.35E-03	1.42E-06	4.28E-06	2.47E-06	3.23E-06	2.92E-06	1.33E-06	1.09E-06	4.73E-08	1.14E-06	2.52E-07	4.38E-07	6.95E-07	1.22E-07	7.18E-08	2.77E-06
284	497307.04, 3862089.65	0.68718	3.60E-03	4.69E-03	3.82E-03	1.24E-06	3.76E-06	2.18E-06	2.84E-06	2.57E-06	1.17E-06	9.57E-07	4.16E-08	1.00E-06	2.22E-07	3.85E-07	6.11E-07	1.08E-07	6.31E-08	2.43E-06
285	497407.04, 3861489.65	0.42341	2.22E-03	2.89E-03	2.36E-03	7.67E-07	2.32E-06	1.34E-06	1.75E-06	1.58E-06	7.23E-07	5.90E-07	2.56E-08	6.19E-07	1.37E-07	2.37E-07	3.76E-07	6.63E-08	3.89E-08	1.50E-06
286	497407.04, 3861589.65	0.50228	2.63E-03	3.43E-03	2.80E-03	9.10E-07	2.75E-06	1.59E-06	2.07E-06	1.88E-06	8.57E-07	7.00E-07	3.04E-08	7.34E-07	1.62E-07	2.81E-07	4.46E-07	7.87E-08	4.61E-08	1.78E-06
287	497407.04, 3861689.65	0.60525	3.17E-03	4.13E-03	3.37E-03	1.10E-06	3.31E-06	1.92E-06	2.50E-06	2.26E-06	1.03E-06	8.43E-07	3.66E-08	8.84E-07	1.95E-07	3.39E-07	5.38E-07	9.48E-08	5.56E-08	2.14E-06
288	497407.04, 3861789.65	0.74265	3.89E-03	5.07E-03	4.13E-03	1.35E-06	4.06E-06	2.35E-06	3.07E-06	2.78E-06	1.27E-06	1.03E-06	4.49E-08	1.09E-06	2.39E-07	4.16E-07	6.60E-07	1.16E-07	6.82E-08	2.63E-06
289	497407.04, 3861889.65	0.84693	4.43E-03	5.78E-03	4.71E-03	1.53E-06	4.63E-06	2.68E-06	3.50E-06	3.17E-06	1.45E-06	1.18E-06	5.12E-08	1.24E-06	2.73E-07	4.75E-07	7.53E-07	1.33E-07	7.78E-08	3.00E-06
290	497407.04, 3861989.65	1.00258	5.25E-03	6.84E-03	5.58E-03	1.82E-06	5.48E-06	3.17E-06	4.14E-06	3.75E-06	1.71E-06	1.40E-06	6.07E-08	1.47E-06	3.23E-07	5.62E-07	8.91E-07	1.57E-07	9.21E-08	3.55E-06
291	497407.04, 3862089.65	0.89972	4.71E-03	6.14E-03	5.01E-03	1.63E-06	4.92E-06	2.85E-06	3.71E-06	3.37E-06	1.54E-06	1.25E-06	5.44E-08	1.31E-06	2.90E-07	5.04E-07	8.00E-07	1.41E-07	8.27E-08	3.19E-06
292	497407.04, 3862189.65	1.78188	9.33E-03	1.22E-02	9.92E-03	3.23E-06	9.75E-06	5.64E-06	7.35E-06	6.67E-06	3.04E-06	2.48E-06	1.08E-07	2.60E-06	5.75E-07	9.98E-07	1.58E-06	2.79E-07	1.64E-07	6.31E-06
293	497507.04, 3861489.65	0.41289	2.16E-03	2.82E-03	2.30E-03	7.48E-07	2.26E-06	1.31E-06	1.70E-06	1.54E-06	7.05E-07	5.75E-07	2.50E-08	6.03E-07	1.33E-07	2.31E-07	3.67E-07	6.47E-08	3.79E-08	1.46E-06
294	497507.04, 3861589.65	0.49747	2.60E-03	3.39E-03	2.77E-03	9.01E-07	2.72E-06	1.58E-06	2.05E-06	1.86E-06	8.49E-07	6.93E-07	3.01E-08	7.27E-07	1.60E-07	2.79E-07	4.42E-07	7.79E-08	4.57E-08	1.76E-06
295	497507.04, 3861689.65	0.59872	3.13E-03	4.08E-03	3.33E-03	1.08E-06	3.28E-06	1.90E-06	2.47E-06	2.24E-06	1.02E-06	8.34E-07	3.62E-08	8.75E-07	1.93E-07	3.35E-07	5.32E-07	9.38E-08	5.50E-08	2.12E-06
296	497507.04, 3861789.65	0.73018	3.82E-03	4.98E-03	4.06E-03	1.32E-06	3.99E-06	2.31E-06	3.01E-06	2.73E-06	1.25E-06	1.02E-06	4.42E-08	1.07E-06	2.35E-07	4.09E-07	6.49E-07	1.14E-07	6.71E-08	2.59E-06

297	497507.04, 3861889.65	0.88314	4.62E-03	6.02E-03	4.92E-03	1.60E-06	4.83E-06	2.80E-06	3.64E-06	3.30E-06	1.51E-06	1.23E-06	5.34E-08	1.29E-06	2.85E-07	4.95E-07	7.85E-07	1.38E-07	8.11E-08	3.13E-06
298	497507.04, 3861989.65	1.07618	5.63E-03	7.34E-03	5.99E-03	1.95E-06	5.89E-06	3.41E-06	4.44E-06	4.03E-06	1.84E-06	1.50E-06	6.51E-08	1.57E-06	3.47E-07	6.03E-07	9.57E-07	1.69E-07	9.89E-08	3.81E-06
299	497507.04, 3862089.65	1.34531	7.04E-03	9.18E-03	7.49E-03	2.44E-06	7.36E-06	4.26E-06	5.55E-06	5.03E-06	2.30E-06	1.87E-06	8.14E-08	1.97E-06	4.34E-07	7.54E-07	1.20E-06	2.11E-07	1.24E-07	4.77E-06
300	497607.04, 3861489.65	0.40964	2.14E-03	2.79E-03	2.28E-03	7.42E-07	2.24E-06	1.30E-06	1.69E-06	1.53E-06	6.99E-07	5.71E-07	2.48E-08	5.99E-07	1.32E-07	2.30E-07	3.64E-07	6.42E-08	3.76E-08	1.45E-06
301	497607.04, 3861589.65	0.49148	2.57E-03	3.35E-03	2.74E-03	8.90E-07	2.69E-06	1.56E-06	2.03E-06	1.84E-06	8.39E-07	6.85E-07	2.97E-08	7.18E-07	1.58E-07	2.75E-07	4.37E-07	7.70E-08	4.52E-08	1.74E-06
302	497607.04, 3861689.65	0.59351	3.11E-03	4.05E-03	3.30E-03	1.08E-06	3.25E-06	1.88E-06	2.45E-06	2.22E-06	1.01E-06	8.27E-07	3.59E-08	8.67E-07	1.91E-07	3.33E-07	5.28E-07	9.30E-08	5.45E-08	2.10E-06
303	497607.04, 3861789.65	0.71644	3.75E-03	4.89E-03	3.99E-03	1.30E-06	3.92E-06	2.27E-06	2.96E-06	2.68E-06	1.22E-06	9.98E-07	4.33E-08	1.05E-06	2.31E-07	4.01E-07	6.37E-07	1.12E-07	6.58E-08	2.54E-06
304	497607.04, 3861889.65	0.86825	4.54E-03	5.92E-03	4.83E-03	1.57E-06	4.75E-06	2.75E-06	3.58E-06	3.25E-06	1.48E-06	1.21E-06	5.25E-08	1.27E-06	2.80E-07	4.87E-07	7.72E-07	1.36E-07	7.98E-08	3.08E-06
305	497607.04, 3861989.65	1.05106	5.50E-03	7.17E-03	5.85E-03	1.90E-06	5.75E-06	3.33E-06	4.34E-06	3.93E-06	1.79E-06	1.46E-06	6.36E-08	1.54E-06	3.39E-07	5.89E-07	9.34E-07	1.65E-07	9.66E-08	3.72E-06
306	497607.04, 3862089.65	1.32984	6.96E-03	9.07E-03	7.40E-03	2.41E-06	7.27E-06	4.21E-06	5.49E-06	4.98E-06	2.27E-06	1.85E-06	8.04E-08	1.94E-06	4.29E-07	7.45E-07	1.18E-06	2.08E-07	1.22E-07	4.71E-06
307	497607.04, 3862189.65	1.77796	9.30E-03	1.21E-02	9.90E-03	3.22E-06	9.73E-06	5.63E-06	7.34E-06	6.65E-06	3.04E-06	2.48E-06	1.08E-07	2.60E-06	5.73E-07	9.96E-07	1.58E-06	2.79E-07	1.63E-07	6.30E-06
308	497707.04, 3861489.65	0.38566	2.02E-03	2.63E-03	2.15E-03	6.99E-07	2.11E-06	1.22E-06	1.59E-06	1.44E-06	6.58E-07	5.37E-07	2.33E-08	5.64E-07	1.24E-07	2.16E-07	3.43E-07	6.04E-08	3.54E-08	1.37E-06
309	497707.04, 3861589.65	0.4687	2.45E-03	3.20E-03	2.61E-03	8.49E-07	2.56E-06	1.48E-06	1.93E-06	1.75E-06	8.00E-07	6.53E-07	2.84E-08	6.85E-07	1.51E-07	2.63E-07	4.17E-07	7.34E-08	4.31E-08	1.66E-06
310	497707.04, 3861689.65	0.57914	3.03E-03	3.95E-03	3.22E-03	1.05E-06	3.17E-06	1.83E-06	2.39E-06	2.17E-06	9.89E-07	8.07E-07	3.50E-08	8.46E-07	1.87E-07	3.25E-07	5.15E-07	9.07E-08	5.32E-08	2.05E-06
311	497707.04, 3861789.65	0.71095	3.72E-03	4.85E-03	3.96E-03	1.29E-06	3.89E-06	2.25E-06	2.93E-06	2.66E-06	1.21E-06	9.90E-07	4.30E-08	1.04E-06	2.29E-07	3.98E-07	6.32E-07	1.11E-07	6.53E-08	2.52E-06
312	497707.04, 3861889.65	0.83382	4.36E-03	5.69E-03	4.64E-03	1.51E-06	4.56E-06	2.64E-06	3.44E-06	3.12E-06	1.42E-06	1.16E-06	5.04E-08	1.22E-06	2.69E-07	4.67E-07	7.41E-07	1.31E-07	7.66E-08	2.95E-06
313	497707.04, 3861989.65	0.84384	4.42E-03	5.76E-03	4.70E-03	1.53E-06	4.62E-06	2.67E-06	3.48E-06	3.16E-06	1.44E-06	1.18E-06	5.10E-08	1.23E-06	2.72E-07	4.73E-07	7.50E-07	1.32E-07	7.75E-08	2.99E-06
314	497707.04, 3862089.65	1.31682	6.89E-03	8.98E-03	7.33E-03	2.39E-06	7.20E-06	4.17E-06	5.43E-06	4.93E-06	2.25E-06	1.83E-06	7.97E-08	1.92E-06	4.25E-07	7.38E-07	1.17E-06	2.06E-07	1.21E-07	4.66E-06
315	497707.04, 3862189.65	1.77829	9.31E-03	1.21E-02	9.90E-03	3.22E-06	9.73E-06	5.63E-06	7.34E-06	6.65E-06	3.04E-06	2.48E-06	1.08E-07	2.60E-06	5.73E-07	9.96E-07	1.58E-06	2.79E-07	1.63E-07	6.30E-06
316	497807.04, 3861489.65	0.38088	1.99E-03	2.60E-03	2.12E-03	6.90E-07	2.08E-06	1.21E-06	1.57E-06	1.42E-06	6.50E-07	5.31E-07	2.30E-08	5.57E-07	1.23E-07	2.13E-07	3.39E-07	5.97E-08	3.50E-08	1.35E-06
317	497807.04, 3861589.65	0.46205	2.42E-03	3.15E-03	2.57E-03	8.37E-07	2.53E-06	1.46E-06	1.91E-06	1.73E-06	7.89E-07	6.44E-07	2.80E-08	6.75E-07	1.49E-07	2.59E-07	4.11E-07	7.24E-08	4.25E-08	1.64E-06
318	497807.04, 3861689.65	0.56493	2.96E-03	3.85E-03	3.14E-03	1.02E-06	3.09E-06	1.79E-06	2.33E-06	2.11E-06	9.64E-07	7.87E-07	3.42E-08	8.26E-07	1.82E-07	3.17E-07	5.02E-07	8.85E-08	5.19E-08	2.00E-06
319	497807.04, 3861789.65	0.68811	3.60E-03	4.69E-03	3.83E-03	1.25E-06	3.76E-06	2.18E-06	2.84E-06	2.57E-06	1.17E-06	9.58E-07	4.16E-08	1.01E-06	2.22E-07	3.86E-07	6.12E-07	1.08E-07	6.32E-08	2.44E-06
320	497807.04, 3861889.65	0.82184	4.30E-03	5.61E-03	4.57E-03	1.49E-06	4.50E-06	2.60E-06	3.39E-06	3.07E-06	1.40E-06	1.14E-06	4.97E-08	1.20E-06	2.65E-07	4.61E-07	7.31E-07	1.29E-07	7.55E-08	2.91E-06
321	497807.04, 3861989.65	1.00947	5.28E-03	6.89E-03	5.62E-03	1.83E-06	5.52E-06	3.20E-06	4.17E-06	3.78E-06	1.72E-06	1.41E-06	6.11E-08	1.48E-06	3.26E-07	5.66E-07	8.97E-07	1.58E-07	9.27E-08	3.58E-06
322	497807.04, 3862089.65	1.30967	6.85E-03	8.93E-03	7.29E-03	2.37E-06	7.16E-06	4.15E-06	5.41E-06	4.90E-06	2.24E-06	1.82E-06	7.92E-08	1.91E-06	4.22E-07	7.34E-07	1.16E-06	2.05E-07	1.20E-07	4.64E-06
323	497907.04, 3861489.65	0.37757	1.98E-03	2.58E-03	2.10E-03	6.84E-07	2.07E-06	1.20E-06	1.56E-06	1.41E-06	6.45E-07	5.26E-07	2.28E-08	5.52E-07	1.22E-07	2.12E-07	3.36E-07	5.92E-08	3.47E-08	1.34E-06
324	497907.04, 3861589.65	0.45227	2.37E-03	3.08E-03	2.52E-03	8.19E-07	2.47E-06	1.43E-06	1.87E-06	1.69E-06	7.72E-07	6.30E-07	2.74E-08	6.61E-07	1.46E-07	2.53E-07	4.02E-07	7.09E-08	4.16E-08	1.60E-06
325	497907.04, 3861689.65	0.54647	2.86E-03	3.73E-03	3.04E-03	9.90E-07	2.99E-06	1.73E-06	2.26E-06	2.04E-06	9.33E-07	7.61E-07	3.31E-08	7.99E-07	1.76E-07	3.06E-07	4.86E-07	8.56E-08	5.02E-08	1.94E-06
326	497907.04, 3861789.65	0.66599	3.49E-03	4.54E-03	3.71E-03	1.21E-06	3.64E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.28E-07	4.03E-08	9.73E-07	2.15E-07	3.73E-07	5.92E-07	1.04E-07	6.12E-08	2.36E-06
327	497907.04, 3861889.65	0.79912	4.18E-03	5.45E-03	4.45E-03	1.45E-06	4.37E-06	2.53E-06	3.30E-06	2.99E-06	1.36E-06	1.11E-06	4.83E-08	1.17E-06	2.58E-07	4.48E-07	7.10E-07	1.25E-07	7.34E-08	2.83E-06
328	497907.04, 3861989.65	0.96829	5.07E-03	6.60E-03	5.39E-03	1.75E-06	5.30E-06	3.07E-06	4.00E-06	3.62E-06	1.65E-06	1.35E-06	5.86E-08	1.41E-06	3.12E-07	5.43E-07	8.61E-07	1.52E-07	8.90E-08	3.43E-06
329	497907.04, 3862089.65	1.33899	7.01E-03	9.13E-03	7.45E-03	2.43E-06	7.32E-06	4.24E-06	5.53E-06	5.01E-06	2.29E-06	1.87E-06	8.10E-08	1.96E-06	4.32E-07	7.50E-07	1.19E-06	2.10E-07	1.23E-07	4.74E-06
330	498007.04, 3861489.65	0.37561	1.97E-03	2.56E-03	2.09E-03	6.80E-07	2.05E-06	1.19E-06	1.55E-06	1.41E-06	6.41E-07	5.23E-07	2.27E-08	5.49E-07	1.21E-07	2.10E-07	3.34E-07	5.88E-08	3.45E-08	1.33E-06
331	498007.04, 3861589.65	0.46497	2.43E-03	3.17E-03	2.59E-03	8.42E-07	2.54E-06	1.47E-06	1.92E-06	1.74E-06	7.94E-07	6.48E-07	2.81E-08	6.79E-07	1.50E-07	2.61E-07	4.13E-07	7.28E-08	4.27E-08	1.65E-06
332	498007.04, 3861689.65	0.56301	2.95E-03	3.84E-03	3.13E-03	1.02E-06	3.08E-06	1.78E-06	2.32E-06	2.11E-06	9.61E-07	7.84E-07	3.41E-08	8.23E-07	1.82E-07	3.15E-07	5.00E-07	8.82E-08	5.17E-08	1.99E-06
333	498007.04, 3861789.65	0.67942	3.56E-03	4.63E-03	3.78E-03	1.23E-06	3.72E-06	2.15E-06	2.80E-06	2.54E-06	1.16E-06	9.46E-07	4.11E-08	9.93E-07	2.19E-07	3.81E-07	6.04E-07	1.06E-07	6.24E-08	2.41E-06
334	498007.04, 3861889.65	0.82271	4.31E-03	5.61E-03	4.58E-03	1.49E-06	4.50E-06	2.61E-06	3.40E-06	3.08E-06	1.40E-06	1.15E-06	4.98E-08	1.20E-06	2.65E-07	4.61E-07	7.31E-07	1.29E-07	7.56E-08	2.91E-06
335	498007.04, 3861989.65	1.01113	5.29E-03	6.90E-03	5.63E-03	1.83E-06	5.53E-06	3.20E-06	4.17E-06	3.78E-06	1.73E-06	1.41E-06	6.12E-08	1.48E-06	3.26E-07	5.67E-07	8.99E-07	1.58E-07	9.29E-08	3.58E-06
336	498007.04, 3862089.65	1.31698	6.89E-03	8.98E-03	7.33E-03	2.39E-06	7.20E-06	4.17E-06	5.44E-06	4.93E-06	2.25E-06	1.83E-06	7.97E-08	1.92E-06	4.25E-07	7.38E-07	1.17E-06	2.06E-07	1.21E-07	4.66E-06
337	498107.04, 3861489.65	0.39265	2.05E-03	2.68E-03	2.19E-03	7.11E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.70E-07	5.47E-07	2.38E-08	5.74E-07	1.27E-07	2.20E-07	3.49E-07	6.15E-08	3.61E-08	1.39E-06
338	498107.04, 3861589.65	0.46626	2.44E-03	3.18E-03	2.59E-03	8.45E-07	2.55E-06	1.48E-06	1.92E-06	1.74E-06	7.96E-07	6.49E-07	2.82E-08	6.81E-07	1.50E-07	2.61E-07	4.14E-07	7.30E-08	4.28E-08	1.65E-06
339	498107.04, 3861689.65	0.55142	2.89E-03	3.76E-03	3.07E-03	9.99E-07	3.02E-06	1.75E-06	2.28E-06	2.06E-06	9.41E-07	7.68E-07	3.34E-08	8.06E-07	1.78E-07	3.09E-07	4.90E-07	8.64E-08	5.07E-08	1.95E-06
340	498107.04, 3861789.65	0.66319	3.47E-03	4.52E-03	3.69E-03	1.20E-06	3.63E-06	2.10E-06	2.74E-06	2.48E-06	1.13E-06	9.24E-07	4.01E-08	9.69E-07	2.14E-07	3.72E-07	5.90E-07	1.04E-07	6.09E-08	2.35E-06
341	498107.04, 3861889.65	0.80713	4.22E-03	5.51E-03	4.49E-03	1.46E-06	4.42E-06	2.56E-06	3.33E-06	3.02E-06	1.38E-06	1.12E-06	4.88E-08	1.18E-06	2.60E-07	4.52E-07	7.17E-07	1.26E-07	7.42E-08	2.86E-06
342	498107.04, 3861989.65	1.00086	5.24E-03	6.83E-03	5.57E-03	1.81E-06	5.47E-06	3.17E-06	4.13E-06	3.74E-06	1.71E-06	1.39E-06	6.05E-08	1.46E-06	3.23E-07	5.61E-07	8.90E-07	1.57E-07	9.20E-08	3.55E-06
343	498107.04, 3862089.65	1.32639	6.94E-03	9.05E-03	7.38E-03	2.40E-06	7.26E-06	4.20E-06	5.47E-06	4.96E-06	2.26E-06	1.85E-06	8.02E-08	1.94E-06	4.28E-07	7.43E-07	1.18E-06	2.08E-07	1.22E-07	4.70E-06
344	498207.04, 3861489.65	0.38444	2.01E-03	2.62E-03	2.14E-03	6.96E-07	2.10E-06	1.22E-06	1.59E-06	1.44E-06	6.56E-07	5.35E-07	2.33E-08	5.62E-07	1.24E-07	2.15E-07	3.42E-07	6.02E-08	3.53E-08	1.36E-06
345	498207.04, 3861589.65	0.45046	2.36E-03	3.07E-03	2.51E-03	8.16E-07	2.46E-06	1.43E-06	1.86E-06	1.69E-06	7.69E-07	6.27E-07	2.73E-08	6.58E-07	1.45E-07	2.52E-07	4.00E-07	7.06E-08	4.14E-08	1.60E-06
346	498207.04, 3861689.65	0.533	2.79E-03	3.64E-03	2.97E-03	9.66E-07	2.92E-06	1.69E-06	2.20E-06	1.99E-06	9.10E-07	7.42E-07	3.22E-08	7.79E-07	1.72E-07	2.99E-07	4.74E-07	8.35E-08	4.90E-08	1.89E-06
347	498207.04, 3861789.65	0.64452	3.37E-03	4.40E-03	3.59E-03	1.17E-06	3.53E-06	2.04E-06	2.66E-06	2.41E-06	1.10E-06	8.98E-07	3.90E-08	9.42E-07	2.08E-07	3.61E-07	5.73E-07	1.01E-07	5.92E-08	2.28E-06
348	498207.04, 3861889.65	0.78722	4.12E-03	5.37E-03	4.38E-03	1.43E-06	4.31E-06	2.49E-06	3.25E-06	2.95E-06	1.34E-06	1.10E-06	4.76E-08	1.15E-06	2.54E-07	4.41E-07	7.00E-07	1.23E-07	7.23E-08	2.79E-06
349	498207.04, 3861989.65	0.9888	5.17E-03	6.74E-03	5.50E-03	1.79E-06	5.41E-06	3.13E-06	4.08E-06	3.70E-06	1.69E-06	1.38E-06	5.98E-08	1.44E-06	3.19E-07	5.54E-07	8.79E-07	1.55E-07	9.08E-08	3.50E-06
350	498207.04, 3862089.65	1.29944	6.80E-03	8.86E-03	7.23E-03	2.35E-06	7.11E-06	4.11E-06	5.36E-06	4.86E-06	2.22E-06	1.81E-06	7.86E-08	1.90E-06	4.19E-07	7.28E-07	1.16E-06	2.04E-07	1.19E-07	4.60E-06
351	498307.04, 3861489.65	0.34487	1.80E-03	2.35E-03	1.92E-03	6.25E-07	1.89E-06	1.09E-06	1.42E-06	1.29E-06	5.89E-07	4.80E-07	2.09E-08	5.04E-07	1.11E-07	1.93E-07	3.07E-07	5.40E-08	3.17E-08	1.22E-06
352	498307.04, 3861589.65	0.41687	2.18E-03	2.84E-03	2.32E-03	7.55E-07	2.28E-06	1.32E-06	1.72E-06	1.56E-06	7.12E-07	5.81E-07	2.52E-08	6.09E-07	1.34E-07	2.34E-07	3.71E-07	6.53E-08	3.83E-08	1.48E-06
353	498307.04, 3861689.65	0.50584	2.65E-03	3.45E-03	2.82E-03	9.16E-07	2.77E-06	1.60E-06	2.09E-06	1.89E-06	8.64E-07	7.05E-07	3.06E-08	7.39E-07	1.63E-07	2.83E-07	4.50E-07	7.92E-08	4.65E-08	1.79E-06
354	498307.04, 3861789.65	0.61934	3.24E-03	4.22E-03	3.45E-03	1.12E-06	3.39E-06	1.96E-06	2.56E-06	2.32E-06	1.06E-06	8.63E-07	3.75E-08	9.05E-07	2.00E-07	3.47E-07	5.51E-07	9.70E-08	5.69E-08	2.19E-06
355	498307.04, 3861889.65	0.77217	4.04E-03	5.27E-03	4.30E-03	1.40E-06	4.22E-06	2.45E-06	3.19E-06	2.89E-06	1.32E-06	1.08E-06	4.67E-08	1.13E-06	2.49E-07	4.33E-07	6.86E-07	1.21E-07	7.09E-08	2.74E-06
356	498307.04, 3861989.65	0.97134	5.08E-03	6.63E-03	5.41E-03	1.76E-06	5.31E-06	3.08E-06	4.01E-06	3.63E-06	1.66E-06	1.35E-06	5.88E-08	1.42E-06	3.13E-07	5.44E-07	8.63E-07	1.52E-07	8.92E-08	3.44E-06

357	498307.04, 3862089.65	1.32498	6.93E-03	9.04E-03	7.37E-03	2.40E-06	7.25E-06	4.20E-06	5.47E-06	4.96E-06	2.26E-06	1.85E-06	8.02E-08	1.94E-06	4.27E-07	7.42E-07	1.18E-06	2.08E-07	1.22E-07	4.69E-06
358	498407.04, 3861489.65	0.3461	1.81E-03	2.36E-03	1.93E-03	6.27E-07	1.89E-06	1.10E-06	1.43E-06	1.29E-06	5.91E-07	4.82E-07	2.09E-08	5.06E-07	1.12E-07	1.94E-07	3.08E-07	5.42E-08	3.18E-08	1.23E-06
359	498407.04, 3861589.65	0.4091	2.14E-03	2.79E-03	2.28E-03	7.41E-07	2.24E-06	1.30E-06	1.69E-06	1.53E-06	6.98E-07	5.70E-07	2.47E-08	5.98E-07	1.32E-07	2.29E-07	3.64E-07	6.41E-08	3.76E-08	1.45E-06
360	498407.04, 3861689.65	0.49563	2.59E-03	3.38E-03	2.76E-03	8.98E-07	2.71E-06	1.57E-06	2.05E-06	1.85E-06	8.46E-07	6.90E-07	3.00E-08	7.24E-07	1.60E-07	2.78E-07	4.41E-07	7.76E-08	4.55E-08	1.76E-06
361	498407.04, 3861789.65	0.60337	3.16E-03	4.12E-03	3.36E-03	1.09E-06	3.30E-06	1.91E-06	2.49E-06	2.26E-06	1.03E-06	8.40E-07	3.65E-08	8.82E-07	1.95E-07	3.38E-07	5.36E-07	9.45E-08	5.54E-08	2.14E-06
362	498407.04, 3861889.65	0.7715	4.04E-03	5.26E-03	4.29E-03	1.40E-06	4.22E-06	2.44E-06	3.18E-06	2.89E-06	1.32E-06	1.07E-06	4.67E-08	1.13E-06	2.49E-07	4.32E-07	6.86E-07	1.21E-07	7.09E-08	2.73E-06
363	498407.04, 3861989.65	0.96981	5.08E-03	6.61E-03	5.40E-03	1.76E-06	5.30E-06	3.07E-06	4.00E-06	3.63E-06	1.66E-06	1.35E-06	5.87E-08	1.42E-06	3.13E-07	5.43E-07	8.62E-07	1.52E-07	8.91E-08	3.44E-06
364	498407.04, 3862089.65	1.35001	7.07E-03	9.21E-03	7.51E-03	2.45E-06	7.38E-06	4.27E-06	5.57E-06	5.05E-06	2.30E-06	1.88E-06	8.17E-08	1.97E-06	4.35E-07	7.56E-07	1.20E-06	2.11E-07	1.24E-07	4.78E-06
365	498507.04, 3861489.65	0.32939	1.72E-03	2.25E-03	1.83E-03	5.97E-07	1.80E-06	1.04E-06	1.36E-06	1.23E-06	5.62E-07	4.59E-07	1.99E-08	4.81E-07	1.06E-07	1.85E-07	2.93E-07	5.16E-08	3.03E-08	1.17E-06
366	498507.04, 3861589.65	0.39216	2.05E-03	2.67E-03	2.18E-03	7.10E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.69E-07	5.46E-07	2.37E-08	5.73E-07	1.26E-07	2.20E-07	3.49E-07	6.14E-08	3.60E-08	1.39E-06
367	498507.04, 3861689.65	0.47975	2.51E-03	3.27E-03	2.67E-03	8.69E-07	2.62E-06	1.52E-06	1.98E-06	1.79E-06	8.19E-07	6.68E-07	2.90E-08	7.01E-07	1.55E-07	2.69E-07	4.26E-07	7.52E-08	4.41E-08	1.70E-06
368	498507.04, 3861789.65	0.57606	3.01E-03	3.93E-03	3.21E-03	1.04E-06	3.15E-06	1.82E-06	2.38E-06	2.16E-06	9.83E-07	8.02E-07	3.48E-08	8.42E-07	1.86E-07	3.23E-07	5.12E-07	9.02E-08	5.29E-08	2.04E-06
369	498507.04, 3861889.65	0.71919	3.76E-03	4.91E-03	4.00E-03	1.30E-06	3.93E-06	2.28E-06	2.97E-06	2.69E-06	1.23E-06	1.00E-06	4.35E-08	1.05E-06	2.32E-07	4.03E-07	6.39E-07	1.13E-07	6.61E-08	2.55E-06
370	498507.04, 3861989.65	0.94304	4.94E-03	6.43E-03	5.25E-03	1.71E-06	5.16E-06	2.99E-06	3.89E-06	3.53E-06	1.61E-06	1.31E-06	5.71E-08	1.38E-06	3.04E-07	5.28E-07	8.38E-07	1.48E-07	8.66E-08	3.34E-06
371	498507.04, 3862089.65	1.42604	7.46E-03	9.73E-03	7.94E-03	2.58E-06	7.80E-06	4.52E-06	5.89E-06	5.34E-06	2.43E-06	1.99E-06	8.63E-08	2.08E-06	4.60E-07	7.99E-07	1.27E-06	2.23E-07	1.31E-07	5.05E-06
372	493116.28, 3862593.93	0.20002	1.05E-03	1.36E-03	1.11E-03	3.62E-07	1.09E-06	6.33E-07	8.26E-07	7.48E-07	3.41E-07	2.79E-07	1.21E-08	2.92E-07	6.45E-08	1.12E-07	1.78E-07	3.13E-08	1.84E-08	7.08E-07
373	493216.28, 3862493.93	0.22751	1.19E-03	1.55E-03	1.27E-03	4.12E-07	1.24E-06	7.20E-07	9.39E-07	8.51E-07	3.88E-07	3.17E-07	1.38E-08	3.32E-07	7.34E-08	1.27E-07	2.02E-07	3.56E-08	2.09E-08	8.06E-07
374	493216.28, 3862593.93	0.20893	1.09E-03	1.43E-03	1.16E-03	3.79E-07	1.14E-06	6.62E-07	8.62E-07	7.82E-07	3.57E-07	2.91E-07	1.26E-08	3.05E-07	6.74E-08	1.17E-07	1.86E-07	3.27E-08	1.92E-08	7.40E-07
375	493316.28, 3862293.93	0.29127	1.52E-03	1.99E-03	1.62E-03	5.28E-07	1.59E-06	9.22E-07	1.20E-06	1.09E-06	4.97E-07	4.06E-07	1.76E-08	4.26E-07	9.39E-08	1.63E-07	2.59E-07	4.56E-08	2.68E-08	1.03E-06
376	493316.28, 3862393.93	0.26105	1.37E-03	1.78E-03	1.45E-03	4.73E-07	1.43E-06	8.27E-07	1.08E-06	9.77E-07	4.46E-07	3.64E-07	1.58E-08	3.81E-07	8.42E-08	1.46E-07	2.32E-07	4.09E-08	2.40E-08	9.25E-07
377	493316.28, 3862493.93	0.23655	1.24E-03	1.61E-03	1.32E-03	4.29E-07	1.29E-06	7.49E-07	9.76E-07	8.85E-07	4.04E-07	3.29E-07	1.43E-08	3.46E-07	7.63E-08	1.33E-07	2.10E-07	3.71E-08	2.17E-08	8.38E-07
378	493316.28, 3862593.93	0.21699	1.14E-03	1.48E-03	1.21E-03	3.93E-07	1.19E-06	6.87E-07	8.96E-07	8.12E-07	3.70E-07	3.02E-07	1.31E-08	3.17E-07	7.00E-08	1.22E-07	1.93E-07	3.40E-08	1.99E-08	7.69E-07
379	493416.28, 3862093.93	0.39487	2.07E-03	2.69E-03	2.20E-03	7.15E-07	2.16E-06	1.25E-06	1.63E-06	1.48E-06	6.74E-07	5.50E-07	2.39E-08	5.77E-07	1.27E-07	2.21E-07	3.51E-07	6.19E-08	3.63E-08	1.40E-06
380	493416.28, 3862193.93	0.34587	1.81E-03	2.36E-03	1.92E-03	6.27E-07	1.89E-06	1.10E-06	1.43E-06	1.29E-06	5.90E-07	4.82E-07	2.09E-08	5.05E-07	1.12E-07	1.94E-07	3.07E-07	5.42E-08	3.18E-08	1.23E-06
381	493416.28, 3862293.93	0.30602	1.60E-03	2.09E-03	1.70E-03	5.54E-07	1.67E-06	9.69E-07	1.26E-06	1.14E-06	5.22E-07	4.26E-07	1.85E-08	4.47E-07	9.87E-08	1.71E-07	2.72E-07	4.79E-08	2.81E-08	1.08E-06
382	493416.28, 3862393.93	0.27347	1.43E-03	1.87E-03	1.52E-03	4.95E-07	1.50E-06	8.66E-07	1.13E-06	1.02E-06	4.67E-07	3.81E-07	1.65E-08	4.00E-07	8.82E-08	1.53E-07	2.43E-07	4.28E-08	2.51E-08	9.69E-07
383	493416.28, 3862493.93	0.24705	1.29E-03	1.69E-03	1.37E-03	4.48E-07	1.35E-06	7.82E-07	1.02E-06	9.24E-07	4.22E-07	3.44E-07	1.49E-08	3.61E-07	7.97E-08	1.38E-07	2.20E-07	3.87E-08	2.27E-08	8.75E-07
384	493416.28, 3862593.93	0.22586	1.18E-03	1.54E-03	1.26E-03	4.09E-07	1.24E-06	7.15E-07	9.32E-07	8.45E-07	3.86E-07	3.15E-07	1.37E-08	3.30E-07	7.28E-08	1.27E-07	2.01E-07	3.54E-08	2.08E-08	8.00E-07
385	493516.28, 3862193.93	0.36426	1.91E-03	2.48E-03	2.03E-03	6.60E-07	1.99E-06	1.15E-06	1.50E-06	1.36E-06	6.22E-07	5.07E-07	2.20E-08	5.32E-07	1.17E-07	2.04E-07	3.24E-07	5.71E-08	3.35E-08	1.29E-06
386	493516.28, 3862293.93	0.32169	1.68E-03	2.19E-03	1.79E-03	5.83E-07	1.76E-06	1.02E-06	1.33E-06	1.20E-06	5.49E-07	4.48E-07	1.95E-08	4.70E-07	1.04E-07	1.80E-07	2.86E-07	5.04E-08	2.96E-08	1.14E-06
387	493516.28, 3862393.93	0.2864	1.50E-03	1.95E-03	1.59E-03	5.19E-07	1.57E-06	9.07E-07	1.18E-06	1.07E-06	4.89E-07	3.99E-07	1.73E-08	4.19E-07	9.24E-08	1.60E-07	2.55E-07	4.49E-08	2.63E-08	1.01E-06
388	493516.28, 3862493.93	0.25787	1.35E-03	1.76E-03	1.44E-03	4.67E-07	1.41E-06	8.17E-07	1.06E-06	9.65E-07	4.40E-07	3.59E-07	1.56E-08	3.77E-07	8.32E-08	1.44E-07	2.29E-07	4.04E-08	2.37E-08	9.13E-07
389	493516.28, 3862593.93	0.23494	1.23E-03	1.60E-03	1.31E-03	4.26E-07	1.29E-06	7.44E-07	9.70E-07	8.79E-07	4.01E-07	3.27E-07	1.42E-08	3.43E-07	7.58E-08	1.32E-07	2.09E-07	3.68E-08	2.16E-08	8.32E-07
390	493616.28, 3862193.93	0.38424	2.01E-03	2.62E-03	2.14E-03	6.96E-07	2.10E-06	1.22E-06	1.59E-06	1.44E-06	6.56E-07	5.35E-07	2.32E-08	5.61E-07	1.24E-07	2.15E-07	3.42E-07	6.02E-08	3.53E-08	1.36E-06
391	493616.28, 3862293.93	0.33824	1.77E-03	2.31E-03	1.88E-03	6.13E-07	1.85E-06	1.07E-06	1.40E-06	1.27E-06	5.77E-07	4.71E-07	2.05E-08	4.94E-07	1.09E-07	1.90E-07	3.01E-07	5.30E-08	3.11E-08	1.20E-06
392	493616.28, 3862393.93	0.2999	1.57E-03	2.05E-03	1.67E-03	5.43E-07	1.64E-06	9.50E-07	1.24E-06	1.12E-06	5.12E-07	4.18E-07	1.81E-08	4.38E-07	9.67E-08	1.68E-07	2.67E-07	4.70E-08	2.76E-08	1.06E-06
393	493616.28, 3862493.93	0.26911	1.41E-03	1.84E-03	1.50E-03	4.88E-07	1.47E-06	8.52E-07	1.11E-06	1.01E-06	4.59E-07	3.75E-07	1.63E-08	3.93E-07	8.68E-08	1.51E-07	2.39E-07	4.22E-08	2.47E-08	9.53E-07
394	493616.28, 3862593.93	0.24444	1.28E-03	1.67E-03	1.36E-03	4.43E-07	1.34E-06	7.74E-07	1.01E-06	9.15E-07	4.17E-07	3.40E-07	1.48E-08	3.57E-07	7.88E-08	1.37E-07	2.17E-07	3.83E-08	2.25E-08	8.66E-07
395	493716.28, 3862193.93	0.40576	2.12E-03	2.77E-03	2.26E-03	7.35E-07	2.22E-06	1.28E-06	1.67E-06	1.52E-06	6.93E-07	5.65E-07	2.45E-08	5.93E-07	1.31E-07	2.27E-07	3.61E-07	6.36E-08	3.73E-08	1.44E-06
396	493716.28, 3862293.93	0.35554	1.86E-03	2.43E-03	1.98E-03	6.44E-07	1.94E-06	1.13E-06	1.47E-06	1.33E-06	6.07E-07	4.95E-07	2.15E-08	5.20E-07	1.15E-07	1.99E-07	3.16E-07	5.57E-08	3.27E-08	1.26E-06
397	493716.28, 3862393.93	0.3113	1.63E-03	2.12E-03	1.73E-03	5.64E-07	1.70E-06	9.86E-07	1.28E-06	1.16E-06	5.31E-07	4.34E-07	1.88E-08	4.55E-07	1.00E-07	1.74E-07	2.77E-07	4.88E-08	2.86E-08	1.10E-06
398	493716.28, 3862493.93	0.27698	1.45E-03	1.89E-03	1.54E-03	5.02E-07	1.52E-06	8.77E-07	1.14E-06	1.04E-06	4.73E-07	3.86E-07	1.68E-08	4.05E-07	8.93E-08	1.55E-07	2.46E-07	4.34E-08	2.54E-08	9.81E-07
399	493716.28, 3862593.93	0.2543	1.33E-03	1.73E-03	1.42E-03	4.61E-07	1.39E-06	8.05E-07	1.05E-06	9.51E-07	4.34E-07	3.54E-07	1.54E-08	3.72E-07	8.20E-08	1.42E-07	2.26E-07	3.98E-08	2.34E-08	9.01E-07
400	493716.28, 3862693.93	0.23266	1.22E-03	1.59E-03	1.29E-03	4.21E-07	1.27E-06	7.37E-07	9.60E-07	8.70E-07	3.97E-07	3.24E-07	1.41E-08	3.40E-07	7.50E-08	1.30E-07	2.07E-07	3.64E-08	2.14E-08	8.24E-07
401	493716.28, 3862793.93	0.21252	1.11E-03	1.45E-03	1.18E-03	3.85E-07	1.16E-06	6.73E-07	8.77E-07	7.95E-07	3.63E-07	2.96E-07	1.29E-08	3.11E-07	6.85E-08	1.19E-07	1.89E-07	3.33E-08	1.95E-08	7.53E-07
402	493816.28, 3862193.93	0.42851	2.24E-03	2.92E-03	2.38E-03	7.76E-07	2.34E-06	1.36E-06	1.77E-06	1.60E-06	7.32E-07	5.97E-07	2.59E-08	6.26E-07	1.38E-07	2.40E-07	3.81E-07	6.71E-08	3.94E-08	1.52E-06
403	493816.28, 3862293.93	0.37356	1.96E-03	2.55E-03	2.08E-03	6.77E-07	2.04E-06	1.18E-06	1.54E-06	1.40E-06	6.38E-07	5.20E-07	2.26E-08	5.46E-07	1.20E-07	2.09E-07	3.32E-07	5.85E-08	3.43E-08	1.32E-06
404	493816.28, 3862393.93	0.32893	1.72E-03	2.24E-03	1.83E-03	5.96E-07	1.80E-06	1.04E-06	1.36E-06	1.23E-06	5.62E-07	4.58E-07	1.99E-08	4.81E-07	1.06E-07	1.84E-07	2.92E-07	5.15E-08	3.02E-08	1.17E-06
405	493816.28, 3862493.93	0.29304	1.53E-03	2.00E-03	1.63E-03	5.31E-07	1.60E-06	9.28E-07	1.21E-06	1.10E-06	5.00E-07	4.08E-07	1.77E-08	4.28E-07	9.45E-08	1.64E-07	2.60E-07	4.59E-08	2.69E-08	1.04E-06
406	493816.28, 3862593.93	0.2646	1.38E-03	1.80E-03	1.47E-03	4.79E-07	1.45E-06	8.38E-07	1.09E-06	9.90E-07	4.52E-07	3.69E-07	1.60E-08	3.87E-07	8.53E-08	1.48E-07	2.35E-07	4.15E-08	2.43E-08	9.37E-07
407	493816.28, 3862693.93	0.24163	1.26E-03	1.65E-03	1.34E-03	4.38E-07	1.32E-06	7.65E-07	9.97E-07	9.04E-07	4.12E-07	3.37E-07	1.46E-08	3.53E-07	7.79E-08	1.35E-07	2.15E-07	3.79E-08	2.22E-08	8.56E-07
408	493916.28, 3862193.93	0.45193	2.37E-03	3.08E-03	2.52E-03	8.19E-07	2.47E-06	1.43E-06	1.87E-06	1.69E-06	7.71E-07	6.30E-07	2.73E-08	6.60E-07	1.46E-07	2.53E-07	4.02E-07	7.08E-08	4.15E-08	1.60E-06
409	493916.28, 3862293.93	0.39247	2.05E-03	2.68E-03	2.18E-03	7.11E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.70E-07	5.47E-07	2.37E-08	5.74E-07	1.27E-07	2.20E-07	3.49E-07	6.15E-08	3.61E-08	1.39E-06
410	493916.28, 3862393.93	0.34443	1.80E-03	2.35E-03	1.92E-03	6.24E-07	1.88E-06	1.09E-06	1.42E-06	1.29E-06	5.88E-07	4.80E-07	2.08E-08	5.03E-07	1.11E-07	1.93E-07	3.06E-07	5.40E-08	3.16E-08	1.22E-06
411	493916.28, 3862493.93	0.30585	1.60E-03	2.09E-03	1.70E-03	5.54E-07	1.67E-06	9.69E-07	1.26E-06	1.14E-06	5.22E-07	4.26E-07	1.85E-08	4.47E-07	9.86E-08	1.71E-07	2.72E-07	4.79E-08	2.81E-08	1.08E-06
412	493916.28, 3862593.93	0.27536	1.44E-03	1.88E-03	1.53E-03	4.99E-07	1.51E-06	8.72E-07	1.14E-06	1.03E-06	4.70E-07	3.84E-07	1.67E-08	4.02E-07	8.88E-08	1.54E-07	2.45E-07	4.31E-08	2.53E-08	9.75E-07
413	493916.28, 3862693.93	0.25081	1.31E-03	1.71E-03	1.40E-03	4.54E-07	1.37E-06	7.94E-07	1.04E-06	9.38E-07	4.28E-07	3.49E-07	1.52E-08	3.67E-07	8.09E-08	1.41E-07	2.23E-07	3.93E-08	2.30E-08	8.88E-07
414	494016.28, 3862293.93	0.41229	2.16E-03	2.81E-03	2.29E-03	7.47E-07	2.26E-06	1.31E-06	1.70E-06	1.54E-06	7.04E-07	5.74E-07	2.49E-08	6.02E-07	1.33E-07	2.31E-07	3.66E-07	6.46E-08	3.79E-08	1.46E-06
415	494016.28, 3862393.93	0.36049	1.89E-03	2.46E-03	2.01E-03	6.53E-07	1.97E-06	1.14E-06	1.49E-06	1.35E-06	6.15E-07	5.02E-07	2.18E-08	5.27E-07	1.16E-07	2.02E-07	3.20E-07	5.65E-08	3.31E-08	1.28E-06
416	494016.28, 3862493.93	0.31926	1.67E-03	2.18E-03	1.78E-03	5.78E-07	1.75E-06	1.01E-06	1.32E-06	1.19E-06	5.45E-07	4.45E-07	1.93E-08	4.67E-07	1.03E-07	1.79E-07	2.84E-07	5.00E-08	2.93E-08	1.13E-06

417	494016.28, 3862593.93	0.28658	1.50E-03	1.95E-03	1.59E-03	5.19E-07	1.57E-06	9.07E-07	1.18E-06	1.07E-06	4.89E-07	3.99E-07	1.73E-08	4.19E-07	9.24E-08	1.61E-07	2.55E-07	4.49E-08	2.63E-08	1.02E-06
418	494016.28, 3862693.93	0.2603	1.36E-03	1.78E-03	1.45E-03	4.72E-07	1.42E-06	8.24E-07	1.07E-06	9.74E-07	4.44E-07	3.63E-07	1.57E-08	3.80E-07	8.39E-08	1.46E-07	2.31E-07	4.08E-08	2.39E-08	9.22E-07
419	494116.28, 3862293.93	0.43315	2.27E-03	2.95E-03	2.41E-03	7.85E-07	2.37E-06	1.37E-06	1.79E-06	1.62E-06	7.39E-07	6.03E-07	2.62E-08	6.33E-07	1.40E-07	2.43E-07	3.85E-07	6.79E-08	3.98E-08	1.53E-06
420	494116.28, 3862393.93	0.37729	1.97E-03	2.57E-03	2.10E-03	6.84E-07	2.06E-06	1.19E-06	1.56E-06	1.41E-06	6.44E-07	5.26E-07	2.28E-08	5.51E-07	1.22E-07	2.11E-07	3.35E-07	5.91E-08	3.47E-08	1.34E-06
421	494116.28, 3862493.93	0.33321	1.74E-03	2.27E-03	1.85E-03	6.04E-07	1.82E-06	1.06E-06	1.38E-06	1.25E-06	5.69E-07	4.64E-07	2.02E-08	4.87E-07	1.07E-07	1.87E-07	2.96E-07	5.22E-08	3.06E-08	1.18E-06
422	494116.28, 3862593.93	0.29831	1.56E-03	2.03E-03	1.66E-03	5.40E-07	1.63E-06	9.45E-07	1.23E-06	1.12E-06	5.09E-07	4.16E-07	1.80E-08	4.36E-07	9.62E-08	1.67E-07	2.65E-07	4.67E-08	2.74E-08	1.06E-06
423	494116.28, 3862693.93	0.27022	1.41E-03	1.84E-03	1.50E-03	4.90E-07	1.48E-06	8.56E-07	1.12E-06	1.01E-06	4.61E-07	3.76E-07	1.63E-08	3.95E-07	8.71E-08	1.51E-07	2.40E-07	4.23E-08	2.48E-08	9.57E-07
424	494216.28, 3862293.93	0.45563	2.38E-03	3.11E-03	2.54E-03	8.25E-07	2.49E-06	1.44E-06	1.88E-06	1.70E-06	7.78E-07	6.35E-07	2.76E-08	6.66E-07	1.47E-07	2.55E-07	4.05E-07	7.14E-08	4.19E-08	1.61E-06
425	494216.28, 3862393.93	0.3948	2.07E-03	2.69E-03	2.20E-03	7.15E-07	2.16E-06	1.25E-06	1.63E-06	1.48E-06	6.74E-07	5.50E-07	2.39E-08	5.77E-07	1.27E-07	2.21E-07	3.51E-07	6.19E-08	3.63E-08	1.40E-06
426	494216.28, 3862493.93	0.34758	1.82E-03	2.37E-03	1.93E-03	6.30E-07	1.90E-06	1.10E-06	1.43E-06	1.30E-06	5.93E-07	4.84E-07	2.10E-08	5.08E-07	1.12E-07	1.95E-07	3.09E-07	5.45E-08	3.19E-08	1.23E-06
427	494216.28, 3862593.93	0.31044	1.62E-03	2.12E-03	1.73E-03	5.62E-07	1.70E-06	9.83E-07	1.28E-06	1.16E-06	5.30E-07	4.32E-07	1.88E-08	4.54E-07	1.00E-07	1.74E-07	2.76E-07	4.86E-08	2.85E-08	1.10E-06
428	494216.28, 3862693.93	0.28055	1.47E-03	1.91E-03	1.56E-03	5.08E-07	1.53E-06	8.88E-07	1.16E-06	1.05E-06	4.79E-07	3.91E-07	1.70E-08	4.10E-07	9.05E-08	1.57E-07	2.49E-07	4.40E-08	2.58E-08	9.94E-07
429	494316.28, 3862293.93	0.48046	2.51E-03	3.28E-03	2.67E-03	8.70E-07	2.63E-06	1.52E-06	1.98E-06	1.80E-06	8.20E-07	6.69E-07	2.91E-08	7.02E-07	1.55E-07	2.69E-07	4.27E-07	7.53E-08	4.41E-08	1.70E-06
430	494316.28, 3862393.93	0.41369	2.17E-03	2.82E-03	2.30E-03	7.49E-07	2.26E-06	1.31E-06	1.71E-06	1.55E-06	7.06E-07	5.76E-07	2.50E-08	6.05E-07	1.33E-07	2.32E-07	3.68E-07	6.48E-08	3.80E-08	1.47E-06
431	494316.28, 3862493.93	0.36259	1.90E-03	2.47E-03	2.02E-03	6.57E-07	1.98E-06	1.15E-06	1.50E-06	1.36E-06	6.19E-07	5.05E-07	2.19E-08	5.30E-07	1.17E-07	2.03E-07	3.22E-07	5.68E-08	3.33E-08	1.28E-06
432	494316.28, 3862593.93	0.32296	1.69E-03	2.20E-03	1.80E-03	5.85E-07	1.77E-06	1.02E-06	1.33E-06	1.21E-06	5.51E-07	4.50E-07	1.95E-08	4.72E-07	1.04E-07	1.81E-07	2.87E-07	5.06E-08	2.97E-08	1.14E-06
433	494316.28, 3862693.93	0.29121	1.52E-03	1.99E-03	1.62E-03	5.28E-07	1.59E-06	9.22E-07	1.20E-06	1.09E-06	4.97E-07	4.06E-07	1.76E-08	4.26E-07	9.39E-08	1.63E-07	2.59E-07	4.56E-08	2.68E-08	1.03E-06
434	494416.28, 3862293.93	0.5073	2.65E-03	3.46E-03	2.82E-03	9.19E-07	2.77E-06	1.61E-06	2.09E-06	1.90E-06	8.66E-07	7.07E-07	3.07E-08	7.41E-07	1.64E-07	2.84E-07	4.51E-07	7.95E-08	4.66E-08	1.80E-06
435	494416.28, 3862393.93	0.43329	2.27E-03	2.96E-03	2.41E-03	7.85E-07	2.37E-06	1.37E-06	1.79E-06	1.62E-06	7.40E-07	6.04E-07	2.62E-08	6.33E-07	1.40E-07	2.43E-07	3.85E-07	6.79E-08	3.98E-08	1.53E-06
436	494416.28, 3862493.93	0.37829	1.98E-03	2.58E-03	2.11E-03	6.85E-07	2.07E-06	1.20E-06	1.56E-06	1.42E-06	6.46E-07	5.27E-07	2.29E-08	5.53E-07	1.22E-07	2.12E-07	3.36E-07	5.93E-08	3.48E-08	1.34E-06
437	494416.28, 3862593.93	0.33587	1.76E-03	2.29E-03	1.87E-03	6.08E-07	1.84E-06	1.06E-06	1.39E-06	1.26E-06	5.73E-07	4.68E-07	2.03E-08	4.91E-07	1.08E-07	1.88E-07	2.99E-07	5.26E-08	3.09E-08	1.19E-06
438	494416.28, 3862693.93	0.30213	1.58E-03	2.06E-03	1.68E-03	5.47E-07	1.65E-06	9.57E-07	1.25E-06	1.13E-06	5.16E-07	4.21E-07	1.83E-08	4.41E-07	9.74E-08	1.69E-07	2.69E-07	4.73E-08	2.78E-08	1.07E-06
439	494516.28, 3862293.93	0.53646	2.81E-03	3.66E-03	2.99E-03	9.72E-07	2.93E-06	1.70E-06	2.21E-06	2.01E-06	9.16E-07	7.47E-07	3.25E-08	7.84E-07	1.73E-07	3.01E-07	4.77E-07	8.40E-08	4.93E-08	1.90E-06
440	494516.28, 3862393.93	0.45513	2.38E-03	3.10E-03	2.53E-03	8.25E-07	2.49E-06	1.44E-06	1.88E-06	1.70E-06	7.77E-07	6.34E-07	2.75E-08	6.65E-07	1.47E-07	2.55E-07	4.05E-07	7.13E-08	4.18E-08	1.61E-06
441	494516.28, 3862493.93	0.39506	2.07E-03	2.69E-03	2.20E-03	7.16E-07	2.16E-06	1.25E-06	1.63E-06	1.48E-06	6.74E-07	5.50E-07	2.39E-08	5.77E-07	1.27E-07	2.21E-07	3.51E-07	6.19E-08	3.63E-08	1.40E-06
442	494516.28, 3862593.93	0.34941	1.83E-03	2.38E-03	1.94E-03	6.33E-07	1.91E-06	1.11E-06	1.44E-06	1.31E-06	5.96E-07	4.87E-07	2.11E-08	5.11E-07	1.13E-07	1.96E-07	3.11E-07	5.47E-08	3.21E-08	1.24E-06
443	494516.28, 3862693.93	0.31326	1.64E-03	2.14E-03	1.74E-03	5.68E-07	1.71E-06	9.92E-07	1.29E-06	1.17E-06	5.35E-07	4.36E-07	1.90E-08	4.58E-07	1.01E-07	1.76E-07	2.78E-07	4.91E-08	2.88E-08	1.11E-06
444	494516.28, 3862793.93	0.28303	1.48E-03	1.93E-03	1.58E-03	5.13E-07	1.55E-06	8.96E-07	1.17E-06	1.06E-06	4.83E-07	3.94E-07	1.71E-08	4.14E-07	9.13E-08	1.59E-07	2.52E-07	4.43E-08	2.60E-08	1.00E-06
445	494516.28, 3862893.93	0.25631	1.34E-03	1.75E-03	1.43E-03	4.64E-07	1.40E-06	8.12E-07	1.06E-06	9.59E-07	4.38E-07	3.57E-07	1.55E-08	3.75E-07	8.26E-08	1.44E-07	2.28E-07	4.02E-08	2.35E-08	9.08E-07
446	494516.28, 3862993.93	0.22677	1.19E-03	1.55E-03	1.26E-03	4.11E-07	1.24E-06	7.18E-07	9.36E-07	8.48E-07	3.87E-07	3.16E-07	1.37E-08	3.31E-07	7.31E-08	1.27E-07	2.02E-07	3.55E-08	2.08E-08	8.03E-07
447	494616.28, 3862393.93	0.47882	2.51E-03	3.27E-03	2.66E-03	8.67E-07	2.62E-06	1.52E-06	1.98E-06	1.79E-06	8.17E-07	6.67E-07	2.90E-08	7.00E-07	1.54E-07	2.68E-07	4.26E-07	7.50E-08	4.40E-08	1.70E-06
448	494616.28, 3862493.93	0.41298	2.16E-03	2.82E-03	2.30E-03	7.48E-07	2.26E-06	1.31E-06	1.70E-06	1.55E-06	7.05E-07	5.75E-07	2.50E-08	6.03E-07	1.33E-07	2.31E-07	3.67E-07	6.47E-08	3.79E-08	1.46E-06
449	494616.28, 3862593.93	0.36371	1.90E-03	2.48E-03	2.02E-03	6.59E-07	1.99E-06	1.15E-06	1.50E-06	1.36E-06	6.21E-07	5.07E-07	2.20E-08	5.31E-07	1.17E-07	2.04E-07	3.23E-07	5.70E-08	3.34E-08	1.29E-06
450	494616.28, 3862693.93	0.32493	1.70E-03	2.22E-03	1.81E-03	5.89E-07	1.78E-06	1.03E-06	1.34E-06	1.22E-06	5.55E-07	4.53E-07	1.97E-08	4.75E-07	1.05E-07	1.82E-07	2.89E-07	5.09E-08	2.99E-08	1.15E-06
451	494616.28, 3862793.93	0.29283	1.53E-03	2.00E-03	1.63E-03	5.31E-07	1.60E-06	9.27E-07	1.21E-06	1.10E-06	5.00E-07	4.08E-07	1.77E-08	4.28E-07	9.44E-08	1.64E-07	2.60E-07	4.59E-08	2.69E-08	1.04E-06
452	494616.28, 3862893.93	0.26453	1.38E-03	1.80E-03	1.47E-03	4.79E-07	1.45E-06	8.38E-07	1.09E-06	9.90E-07	4.52E-07	3.68E-07	1.60E-08	3.87E-07	8.53E-08	1.48E-07	2.35E-07	4.14E-08	2.43E-08	9.37E-07
453	494616.28, 3862993.93	0.23844	1.25E-03	1.63E-03	1.33E-03	4.32E-07	1.30E-06	7.55E-07	9.84E-07	8.92E-07	4.07E-07	3.32E-07	1.44E-08	3.48E-07	7.69E-08	1.34E-07	2.12E-07	3.74E-08	2.19E-08	8.45E-07
454	494716.28, 3862393.93	0.50539	2.64E-03	3.45E-03	2.81E-03	9.16E-07	2.76E-06	1.60E-06	2.09E-06	1.89E-06	8.63E-07	7.04E-07	3.06E-08	7.39E-07	1.63E-07	2.83E-07	4.49E-07	7.92E-08	4.64E-08	1.79E-06
455	494716.28, 3862493.93	0.43252	2.26E-03	2.95E-03	2.41E-03	7.84E-07	2.37E-06	1.37E-06	1.79E-06	1.62E-06	7.38E-07	6.02E-07	2.62E-08	6.32E-07	1.39E-07	2.42E-07	3.84E-07	6.78E-08	3.97E-08	1.53E-06
456	494716.28, 3862593.93	0.37908	1.98E-03	2.59E-03	2.11E-03	6.87E-07	2.07E-06	1.20E-06	1.56E-06	1.42E-06	6.47E-07	5.28E-07	2.29E-08	5.54E-07	1.22E-07	2.12E-07	3.37E-07	5.94E-08	3.48E-08	1.34E-06
457	494716.28, 3862693.93	0.33699	1.76E-03	2.30E-03	1.88E-03	6.11E-07	1.84E-06	1.07E-06	1.39E-06	1.26E-06	5.75E-07	4.69E-07	2.04E-08	4.92E-07	1.09E-07	1.89E-07	3.00E-07	5.28E-08	3.10E-08	1.19E-06
458	494716.28, 3862793.93	0.30295	1.59E-03	2.07E-03	1.69E-03	5.49E-07	1.66E-06	9.59E-07	1.25E-06	1.13E-06	5.17E-07	4.22E-07	1.83E-08	4.43E-07	9.77E-08	1.70E-07	2.69E-07	4.75E-08	2.78E-08	1.07E-06
459	494716.28, 3862893.93	0.273	1.43E-03	1.86E-03	1.52E-03	4.95E-07	1.49E-06	8.64E-07	1.13E-06	1.02E-06	4.66E-07	3.80E-07	1.65E-08	3.99E-07	8.80E-08	1.53E-07	2.43E-07	4.28E-08	2.51E-08	9.67E-07
460	494716.28, 3862993.93	0.24612	1.29E-03	1.68E-03	1.37E-03	4.46E-07	1.35E-06	7.79E-07	1.02E-06	9.21E-07	4.20E-07	3.43E-07	1.49E-08	3.60E-07	7.94E-08	1.38E-07	2.19E-07	3.86E-08	2.26E-08	8.72E-07
461	494816.28, 3862393.93	0.53374	2.79E-03	3.64E-03	2.97E-03	9.67E-07	2.92E-06	1.69E-06	2.20E-06	2.00E-06	9.11E-07	7.43E-07	3.23E-08	7.80E-07	1.72E-07	2.99E-07	4.74E-07	8.36E-08	4.90E-08	1.89E-06
462	494816.28, 3862493.93	0.45376	2.37E-03	3.10E-03	2.53E-03	8.22E-07	2.48E-06	1.44E-06	1.87E-06	1.70E-06	7.75E-07	6.32E-07	2.75E-08	6.63E-07	1.46E-07	2.54E-07	4.03E-07	7.11E-08	4.17E-08	1.61E-06
463	494816.28, 3862593.93	0.39545	2.07E-03	2.70E-03	2.20E-03	7.16E-07	2.16E-06	1.25E-06	1.63E-06	1.48E-06	6.75E-07	5.51E-07	2.39E-08	5.78E-07	1.28E-07	2.22E-07	3.52E-07	6.20E-08	3.63E-08	1.40E-06
464	494816.28, 3862693.93	0.35005	1.83E-03	2.39E-03	1.95E-03	6.34E-07	1.91E-06	1.11E-06	1.44E-06	1.31E-06	5.98E-07	4.88E-07	2.12E-08	5.12E-07	1.13E-07	1.96E-07	3.11E-07	5.48E-08	3.22E-08	1.24E-06
465	494816.28, 3862793.93	0.31343	1.64E-03	2.14E-03	1.74E-03	5.68E-07	1.71E-06	9.93E-07	1.29E-06	1.17E-06	5.35E-07	4.37E-07	1.90E-08	4.58E-07	1.01E-07	1.76E-07	2.79E-07	4.91E-08	2.88E-08	1.11E-06
466	494816.28, 3862893.93	0.28205	1.48E-03	1.92E-03	1.57E-03	5.11E-07	1.54E-06	8.93E-07	1.16E-06	1.06E-06	4.81E-07	3.93E-07	1.71E-08	4.12E-07	9.09E-08	1.58E-07	2.51E-07	4.42E-08	2.59E-08	9.99E-07
467	494816.28, 3862993.93	0.25453	1.33E-03	1.74E-03	1.42E-03	4.61E-07	1.39E-06	8.06E-07	1.05E-06	9.52E-07	4.35E-07	3.55E-07	1.54E-08	3.72E-07	8.21E-08	1.43E-07	2.26E-07	3.99E-08	2.34E-08	9.02E-07
468	494916.28, 3862393.93	0.56294	2.95E-03	3.84E-03	3.13E-03	1.02E-06	3.08E-06	1.78E-06	2.32E-06	2.11E-06	9.61E-07	7.84E-07	3.41E-08	8.23E-07	1.82E-07	3.15E-07	5.00E-07	8.82E-08	5.17E-08	1.99E-06
469	494916.28, 3862493.93	0.47691	2.50E-03	3.25E-03	2.65E-03	8.64E-07	2.61E-06	1.51E-06	1.97E-06	1.78E-06	8.14E-07	6.64E-07	2.89E-08	6.97E-07	1.54E-07	2.67E-07	4.24E-07	7.47E-08	4.38E-08	1.69E-06
470	494916.28, 3862593.93	0.41286	2.16E-03	2.82E-03	2.30E-03	7.48E-07	2.26E-06	1.31E-06	1.70E-06	1.54E-06	7.05E-07	5.75E-07	2.50E-08	6.03E-07	1.33E-07	2.31E-07	3.67E-07	6.47E-08	3.79E-08	1.46E-06
471	494916.28, 3862693.93	0.36393	1.90E-03	2.48E-03	2.03E-03	6.59E-07	1.99E-06	1.15E-06	1.50E-06	1.36E-06	6.21E-07	5.07E-07	2.20E-08	5.32E-07	1.17E-07	2.04E-07	3.24E-07	5.70E-08	3.34E-08	1.29E-06
472	494916.28, 3862793.93	0.32431	1.70E-03	2.21E-03	1.80E-03	5.88E-07	1.77E-06	1.03E-06	1.34E-06	1.21E-06	5.54E-07	4.52E-07	1.96E-08	4.74E-07	1.05E-07	1.82E-07	2.88E-07	5.08E-08	2.98E-08	1.15E-06
473	494916.28, 3862893.93	0.29132	1.52E-03	1.99E-03	1.62E-03	5.28E-07	1.59E-06	9.22E-07	1.20E-06	1.09E-06	4.97E-07	4.06E-07	1.76E-08	4.26E-07	9.39E-08	1.63E-07	2.59E-07	4.56E-08	2.68E-08	1.03E-06
474	494916.28, 3862993.93	0.26334	1.38E-03	1.80E-03	1.47E-03	4.77E-07	1.44E-06	8.34E-07	1.09E-06	9.85E-07	4.50E-07	3.67E-07	1.59E-08	3.85E-07	8.49E-08	1.48E-07	2.34E-07	4.13E-08	2.42E-08	9.33E-07
475	495016.28, 3862393.93	0.59371	3.11E-03	4.05E-03	3.30E-03	1.08E-06	3.25E-06	1.88E-06	2.45E-06	2.22E-06	1.01E-06	8.27E-07	3.59E-08	8.68E-07	1.91E-07	3.33E-07	5.28E-07	9.30E-08	5.45E-08	2.10E-06
476	495016.28, 3862493.93	0.50055	2.62E-03	3.41E-03	2.79E-03	9.07E-07	2.74E-06	1.59E-06	2.07E-06	1.87E-06	8.54E-07	6.97E-07	3.03E-08	7.31E-07	1.61E-07	2.80E-07	4.45E-07	7.84E-08	4.60E-08	1.77E-06

477	495016.28, 3862593.93	0.43044	2.25E-03	2.94E-03	2.40E-03	7.80E-07	2.35E-06	1.36E-06	1.78E-06	1.61E-06	7.35E-07	6.00E-07	2.60E-08	6.29E-07	1.39E-07	2.41E-07	3.83E-07	6.74E-08	3.95E-08	1.52E-06
478	495016.28, 3862693.93	0.37875	1.98E-03	2.58E-03	2.11E-03	6.86E-07	2.07E-06	1.20E-06	1.56E-06	1.42E-06	6.47E-07	5.28E-07	2.29E-08	5.53E-07	1.22E-07	2.12E-07	3.37E-07	5.93E-08	3.48E-08	1.34E-06
479	495016.28, 3862793.93	0.33591	1.76E-03	2.29E-03	1.87E-03	6.09E-07	1.84E-06	1.06E-06	1.39E-06	1.26E-06	5.73E-07	4.68E-07	2.03E-08	4.91E-07	1.08E-07	1.88E-07	2.99E-07	5.26E-08	3.09E-08	1.19E-06
480	495016.28, 3862893.93	0.30076	1.57E-03	2.05E-03	1.67E-03	5.45E-07	1.65E-06	9.52E-07	1.24E-06	1.13E-06	5.13E-07	4.19E-07	1.82E-08	4.39E-07	9.70E-08	1.69E-07	2.67E-07	4.71E-08	2.76E-08	1.07E-06
481	495016.28, 3862993.93	0.27139	1.42E-03	1.85E-03	1.51E-03	4.92E-07	1.48E-06	8.59E-07	1.12E-06	1.02E-06	4.63E-07	3.78E-07	1.64E-08	3.97E-07	8.75E-08	1.52E-07	2.41E-07	4.25E-08	2.49E-08	9.61E-07
482	495116.28, 3862493.93	0.52528	2.75E-03	3.58E-03	2.92E-03	9.52E-07	2.87E-06	1.66E-06	2.17E-06	1.97E-06	8.97E-07	7.32E-07	3.18E-08	7.68E-07	1.69E-07	2.94E-07	4.67E-07	8.23E-08	4.83E-08	1.86E-06
483	495116.28, 3862593.93	0.45103	2.36E-03	3.08E-03	2.51E-03	8.17E-07	2.47E-06	1.43E-06	1.86E-06	1.69E-06	7.70E-07	6.28E-07	2.73E-08	6.59E-07	1.45E-07	2.53E-07	4.01E-07	7.07E-08	4.14E-08	1.60E-06
484	495116.28, 3862693.93	0.39434	2.06E-03	2.69E-03	2.19E-03	7.14E-07	2.16E-06	1.25E-06	1.63E-06	1.48E-06	6.73E-07	5.49E-07	2.39E-08	5.76E-07	1.27E-07	2.21E-07	3.51E-07	6.18E-08	3.62E-08	1.40E-06
485	495116.28, 3862793.93	0.34788	1.82E-03	2.37E-03	1.94E-03	6.30E-07	1.90E-06	1.10E-06	1.44E-06	1.30E-06	5.94E-07	4.85E-07	2.10E-08	5.08E-07	1.12E-07	1.95E-07	3.09E-07	5.45E-08	3.20E-08	1.23E-06
486	495116.28, 3862893.93	0.31064	1.63E-03	2.12E-03	1.73E-03	5.63E-07	1.70E-06	9.84E-07	1.28E-06	1.16E-06	5.30E-07	4.33E-07	1.88E-08	4.54E-07	1.00E-07	1.74E-07	2.76E-07	4.87E-08	2.85E-08	1.10E-06
487	495216.28, 3862493.93	0.55302	2.89E-03	3.77E-03	3.08E-03	1.00E-06	3.03E-06	1.75E-06	2.28E-06	2.07E-06	9.44E-07	7.70E-07	3.35E-08	8.08E-07	1.78E-07	3.10E-07	4.92E-07	8.66E-08	5.08E-08	1.96E-06
488	495216.28, 3862593.93	0.47207	2.47E-03	3.22E-03	2.63E-03	8.55E-07	2.58E-06	1.49E-06	1.95E-06	1.77E-06	8.06E-07	6.58E-07	2.86E-08	6.90E-07	1.52E-07	2.65E-07	4.20E-07	7.40E-08	4.34E-08	1.67E-06
489	495216.28, 3862693.93	0.41077	2.15E-03	2.80E-03	2.29E-03	7.44E-07	2.25E-06	1.30E-06	1.70E-06	1.54E-06	7.01E-07	5.72E-07	2.48E-08	6.00E-07	1.32E-07	2.30E-07	3.65E-07	6.44E-08	3.77E-08	1.45E-06
490	495216.28, 3862793.93	0.36033	1.89E-03	2.46E-03	2.01E-03	6.53E-07	1.97E-06	1.14E-06	1.49E-06	1.35E-06	6.15E-07	5.02E-07	2.18E-08	5.27E-07	1.16E-07	2.02E-07	3.20E-07	5.65E-08	3.31E-08	1.28E-06
491	495216.28, 3862893.93	0.32052	1.68E-03	2.19E-03	1.78E-03	5.81E-07	1.75E-06	1.01E-06	1.32E-06	1.20E-06	5.47E-07	4.46E-07	1.94E-08	4.68E-07	1.03E-07	1.80E-07	2.85E-07	5.02E-08	2.94E-08	1.14E-06
492	495316.28, 3862493.93	0.57963	3.03E-03	3.95E-03	3.23E-03	1.05E-06	3.17E-06	1.84E-06	2.39E-06	2.17E-06	9.89E-07	8.07E-07	3.51E-08	8.47E-07	1.87E-07	3.25E-07	5.15E-07	9.08E-08	5.33E-08	2.05E-06
493	495316.28, 3862593.93	0.49439	2.59E-03	3.37E-03	2.75E-03	8.96E-07	2.70E-06	1.57E-06	2.04E-06	1.85E-06	8.44E-07	6.89E-07	2.99E-08	7.22E-07	1.59E-07	2.77E-07	4.39E-07	7.75E-08	4.54E-08	1.75E-06
494	495316.28, 3862693.93	0.42879	2.24E-03	2.92E-03	2.39E-03	7.77E-07	2.35E-06	1.36E-06	1.77E-06	1.60E-06	7.32E-07	5.97E-07	2.59E-08	6.27E-07	1.38E-07	2.40E-07	3.81E-07	6.72E-08	3.94E-08	1.52E-06
495	495316.28, 3862793.93	0.37353	1.95E-03	2.55E-03	2.08E-03	6.77E-07	2.04E-06	1.18E-06	1.54E-06	1.40E-06	6.38E-07	5.20E-07	2.26E-08	5.46E-07	1.20E-07	2.09E-07	3.32E-07	5.85E-08	3.43E-08	1.32E-06
496	495316.28, 3862893.93	0.33184	1.74E-03	2.26E-03	1.85E-03	6.01E-07	1.82E-06	1.05E-06	1.37E-06	1.24E-06	5.66E-07	4.62E-07	2.01E-08	4.85E-07	1.07E-07	1.86E-07	2.95E-07	5.20E-08	3.05E-08	1.18E-06
497	495416.28, 3862493.93	0.61271	3.21E-03	4.18E-03	3.41E-03	1.11E-06	3.35E-06	1.94E-06	2.53E-06	2.29E-06	1.05E-06	8.53E-07	3.71E-08	8.95E-07	1.98E-07	3.43E-07	5.45E-07	9.60E-08	5.63E-08	2.17E-06
498	495416.28, 3862593.93	0.51989	2.72E-03	3.55E-03	2.89E-03	9.42E-07	2.84E-06	1.65E-06	2.15E-06	1.95E-06	8.88E-07	7.24E-07	3.15E-08	7.60E-07	1.68E-07	2.91E-07	4.62E-07	8.14E-08	4.78E-08	1.84E-06
499	495416.28, 3862693.93	0.44638	2.34E-03	3.04E-03	2.48E-03	8.09E-07	2.44E-06	1.41E-06	1.84E-06	1.67E-06	7.62E-07	6.22E-07	2.70E-08	6.52E-07	1.44E-07	2.50E-07	3.97E-07	6.99E-08	4.10E-08	1.58E-06
500	495416.28, 3862793.93	0.38874	2.03E-03	2.65E-03	2.16E-03	7.04E-07	2.13E-06	1.23E-06	1.60E-06	1.45E-06	6.64E-07	5.41E-07	2.35E-08	5.68E-07	1.25E-07	2.18E-07	3.46E-07	6.09E-08	3.57E-08	1.38E-06
501	495416.28, 3862893.93	0.34382	1.80E-03	2.35E-03	1.91E-03	6.23E-07	1.88E-06	1.09E-06	1.42E-06	1.29E-06	5.87E-07	4.79E-07	2.08E-08	5.02E-07	1.11E-07	1.93E-07	3.06E-07	5.39E-08	3.16E-08	1.22E-06
502	495516.28, 3862493.93	0.6512	3.41E-03	4.44E-03	3.62E-03	1.18E-06	3.56E-06	2.06E-06	2.69E-06	2.44E-06	1.11E-06	9.07E-07	3.94E-08	9.52E-07	2.10E-07	3.65E-07	5.79E-07	1.02E-07	5.98E-08	2.31E-06
503	495516.28, 3862593.93	0.54489	2.85E-03	3.72E-03	3.03E-03	9.87E-07	2.98E-06	1.73E-06	2.25E-06	2.04E-06	9.30E-07	7.59E-07	3.30E-08	7.96E-07	1.76E-07	3.05E-07	4.84E-07	8.54E-08	5.01E-08	1.93E-06
504	495516.28, 3862693.93	0.46591	2.44E-03	3.18E-03	2.59E-03	8.44E-07	2.55E-06	1.48E-06	1.92E-06	1.74E-06	7.95E-07	6.49E-07	2.82E-08	6.81E-07	1.50E-07	2.61E-07	4.14E-07	7.30E-08	4.28E-08	1.65E-06
505	495516.28, 3862793.93	0.404	2.11E-03	2.76E-03	2.25E-03	7.32E-07	2.21E-06	1.28E-06	1.67E-06	1.51E-06	6.90E-07	5.63E-07	2.44E-08	5.90E-07	1.30E-07	2.26E-07	3.59E-07	6.33E-08	3.71E-08	1.43E-06
506	495516.28, 3862893.93	0.35617	1.86E-03	2.43E-03	1.98E-03	6.45E-07	1.95E-06	1.13E-06	1.47E-06	1.33E-06	6.08E-07	4.96E-07	2.15E-08	5.20E-07	1.15E-07	2.00E-07	3.17E-07	5.58E-08	3.27E-08	1.26E-06
507	495616.28, 3862593.93	0.57287	3.00E-03	3.91E-03	3.19E-03	1.04E-06	3.13E-06	1.81E-06	2.36E-06	2.14E-06	9.78E-07	7.98E-07	3.47E-08	8.37E-07	1.85E-07	3.21E-07	5.09E-07	8.97E-08	5.26E-08	2.03E-06
508	495616.28, 3862693.93	0.48729	2.55E-03	3.32E-03	2.71E-03	8.83E-07	2.67E-06	1.54E-06	2.01E-06	1.82E-06	8.32E-07	6.79E-07	2.95E-08	7.12E-07	1.57E-07	2.73E-07	4.33E-07	7.63E-08	4.48E-08	1.73E-06
509	495616.28, 3862793.93	0.4209	2.20E-03	2.87E-03	2.34E-03	7.63E-07	2.30E-06	1.33E-06	1.74E-06	1.57E-06	7.19E-07	5.86E-07	2.55E-08	6.15E-07	1.36E-07	2.36E-07	3.74E-07	6.59E-08	3.87E-08	1.49E-06
510	495616.28, 3862893.93	0.3687	1.93E-03	2.51E-03	2.05E-03	6.68E-07	2.02E-06	1.17E-06	1.52E-06	1.38E-06	6.29E-07	5.14E-07	2.23E-08	5.39E-07	1.19E-07	2.07E-07	3.28E-07	5.78E-08	3.39E-08	1.31E-06
511	495716.28, 3862593.93	0.60235	3.15E-03	4.11E-03	3.35E-03	1.09E-06	3.29E-06	1.91E-06	2.49E-06	2.25E-06	1.03E-06	8.39E-07	3.64E-08	8.80E-07	1.94E-07	3.38E-07	5.35E-07	9.44E-08	5.53E-08	2.13E-06
512	495716.28, 3862693.93	0.50935	2.67E-03	3.47E-03	2.83E-03	9.23E-07	2.79E-06	1.61E-06	2.10E-06	1.91E-06	8.70E-07	7.09E-07	3.08E-08	7.44E-07	1.64E-07	2.85E-07	4.53E-07	7.98E-08	4.68E-08	1.80E-06
513	495716.28, 3862793.93	0.43837	2.29E-03	2.99E-03	2.44E-03	7.94E-07	2.40E-06	1.39E-06	1.81E-06	1.64E-06	7.48E-07	6.11E-07	2.65E-08	6.41E-07	1.41E-07	2.46E-07	3.90E-07	6.87E-08	4.03E-08	1.55E-06
514	495716.28, 3862893.93	0.38224	2.00E-03	2.61E-03	2.13E-03	6.92E-07	2.09E-06	1.21E-06	1.58E-06	1.43E-06	6.53E-07	5.32E-07	2.31E-08	5.59E-07	1.23E-07	2.14E-07	3.40E-07	5.99E-08	3.51E-08	1.35E-06
515	495816.28, 3862593.93	0.63379	3.32E-03	4.32E-03	3.53E-03	1.15E-06	3.47E-06	2.01E-06	2.62E-06	2.37E-06	1.08E-06	8.83E-07	3.83E-08	9.26E-07	2.04E-07	3.55E-07	5.63E-07	9.93E-08	5.82E-08	2.24E-06
516	495816.28, 3862693.93	0.53242	2.79E-03	3.63E-03	2.96E-03	9.65E-07	2.91E-06	1.69E-06	2.20E-06	1.99E-06	9.09E-07	7.42E-07	3.22E-08	7.78E-07	1.72E-07	2.98E-07	4.73E-07	8.34E-08	4.89E-08	1.89E-06
517	495816.28, 3862793.93	0.45616	2.39E-03	3.11E-03	2.54E-03	8.26E-07	2.50E-06	1.44E-06	1.88E-06	1.71E-06	7.79E-07	6.35E-07	2.76E-08	6.67E-07	1.47E-07	2.56E-07	4.05E-07	7.15E-08	4.19E-08	1.62E-06
518	495816.28, 3862893.93	0.39591	2.07E-03	2.70E-03	2.20E-03	7.17E-07	2.17E-06	1.25E-06	1.63E-06	1.48E-06	6.76E-07	5.51E-07	2.40E-08	5.79E-07	1.28E-07	2.22E-07	3.52E-07	6.20E-08	3.64E-08	1.40E-06
519	495916.28, 3862593.93	0.66885	3.50E-03	4.56E-03	3.72E-03	1.21E-06	3.66E-06	2.12E-06	2.76E-06	2.50E-06	1.14E-06	9.32E-07	4.05E-08	9.77E-07	2.16E-07	3.75E-07	5.95E-07	1.05E-07	6.15E-08	2.37E-06
520	495916.28, 3862693.93	0.55838	2.92E-03	3.81E-03	3.11E-03	1.01E-06	3.05E-06	1.77E-06	2.30E-06	2.09E-06	9.53E-07	7.78E-07	3.38E-08	8.16E-07	1.80E-07	3.13E-07	4.96E-07	8.75E-08	5.13E-08	1.98E-06
521	495916.28, 3862793.93	0.47495	2.49E-03	3.24E-03	2.64E-03	8.60E-07	2.60E-06	1.50E-06	1.96E-06	1.78E-06	8.11E-07	6.62E-07	2.87E-08	6.94E-07	1.53E-07	2.66E-07	4.22E-07	7.44E-08	4.36E-08	1.68E-06
522	495916.28, 3862893.93	0.41139	2.15E-03	2.81E-03	2.29E-03	7.45E-07	2.25E-06	1.30E-06	1.70E-06	1.54E-06	7.02E-07	5.73E-07	2.49E-08	6.01E-07	1.33E-07	2.31E-07	3.66E-07	6.44E-08	3.78E-08	1.46E-06
523	496016.28, 3862593.93	0.70686	3.70E-03	4.82E-03	3.93E-03	1.28E-06	3.87E-06	2.24E-06	2.92E-06	2.64E-06	1.21E-06	9.85E-07	4.28E-08	1.03E-06	2.28E-07	3.96E-07	6.28E-07	1.11E-07	6.49E-08	2.50E-06
524	496016.28, 3862693.93	0.58413	3.06E-03	3.98E-03	3.25E-03	1.06E-06	3.20E-06	1.85E-06	2.41E-06	2.19E-06	9.97E-07	8.14E-07	3.53E-08	8.54E-07	1.88E-07	3.27E-07	5.19E-07	9.15E-08	5.37E-08	2.07E-06
525	496016.28, 3862793.93	0.49462	2.59E-03	3.37E-03	2.75E-03	8.96E-07	2.71E-06	1.57E-06	2.04E-06	1.85E-06	8.44E-07	6.89E-07	2.99E-08	7.23E-07	1.59E-07	2.77E-07	4.40E-07	7.75E-08	4.54E-08	1.75E-06
526	496016.28, 3862893.93	0.42648	2.23E-03	2.91E-03	2.37E-03	7.73E-07	2.33E-06	1.35E-06	1.76E-06	1.60E-06	7.28E-07	5.94E-07	2.58E-08	6.23E-07	1.38E-07	2.39E-07	3.79E-07	6.68E-08	3.92E-08	1.51E-06
527	496116.28, 3862593.93	0.74716	3.91E-03	5.10E-03	4.16E-03	1.35E-06	4.09E-06	2.37E-06	3.08E-06	2.80E-06	1.28E-06	1.04E-06	4.52E-08	1.09E-06	2.41E-07	4.19E-07	6.64E-07	1.17E-07	6.86E-08	2.65E-06
528	496116.28, 3862693.93	0.61221	3.20E-03	4.18E-03	3.41E-03	1.11E-06	3.35E-06	1.94E-06	2.53E-06	2.29E-06	1.05E-06	8.53E-07	3.70E-08	8.95E-07	1.97E-07	3.43E-07	5.44E-07	9.59E-08	5.62E-08	2.17E-06
529	496116.28, 3862793.93	0.51462	2.69E-03	3.51E-03	2.86E-03	9.32E-07	2.82E-06	1.63E-06	2.12E-06	1.93E-06	8.79E-07	7.17E-07	3.11E-08	7.52E-07	1.66E-07	2.88E-07	4.57E-07	8.06E-08	4.73E-08	1.82E-06
530	496116.28, 3862893.93	0.44257	2.32E-03	3.02E-03	2.46E-03	8.02E-07	2.42E-06	1.40E-06	1.83E-06	1.66E-06	7.56E-07	6.16E-07	2.68E-08	6.47E-07	1.43E-07	2.48E-07	3.93E-07	6.93E-08	4.07E-08	1.57E-06
531	496216.28, 3862693.93	0.64159	3.36E-03	4.38E-03	3.57E-03	1.16E-06	3.51E-06	2.03E-06	2.65E-06	2.40E-06	1.10E-06	8.94E-07	3.88E-08	9.38E-07	2.07E-07	3.60E-07	5.70E-07	1.01E-07	5.89E-08	2.27E-06
532	496216.28, 3862793.93	0.53776	2.81E-03	3.67E-03	2.99E-03	9.74E-07	2.94E-06	1.70E-06	2.22E-06	2.01E-06	9.18E-07	7.49E-07	3.25E-08	7.86E-07	1.73E-07	3.01E-07	4.78E-07	8.42E-08	4.94E-08	1.90E-06
533	496216.28, 3862893.93	0.45956	2.41E-03	3.13E-03	2.56E-03	8.33E-07	2.51E-06	1.46E-06	1.90E-06	1.72E-06	7.85E-07	6.40E-07	2.78E-08	6.72E-07	1.48E-07	2.58E-07	4.09E-07	7.20E-08	4.22E-08	1.63E-06
534	496216.28, 3862993.93	0.40168	2.10E-03	2.74E-03	2.24E-03	7.28E-07	2.20E-06	1.27E-06	1.66E-06	1.50E-06	6.86E-07	5.60E-07	2.43E-08	5.87E-07	1.30E-07	2.25E-07	3.57E-07	6.29E-08	3.69E-08	1.42E-06
535	496316.28, 3862693.93	0.67344	3.52E-03	4.59E-03	3.75E-03	1.22E-06	3.68E-06	2.13E-06	2.78E-06	2.52E-06	1.15E-06	9.38E-07	4.07E-08	9.84E-07	2.17E-07	3.77E-07	5.99E-07	1.06E-07	6.19E-08	2.39E-06
536	496316.28, 3862793.93	0.5609	2.94E-03	3.83E-03	3.12E-03	1.02E-06	3.07E-06	1.78E-06	2.31E-06	2.10E-06	9.58E-07	7.81E-07	3.39E-08	8.20E-07	1.81E-07	3.14E-07	4.99E-07	8.79E-08	5.15E-08	1.99E-06

537	496316.28, 3862893.93	0.47836	2.50E-03	3.26E-03	2.66E-03	8.67E-07	2.62E-06	1.51E-06	1.97E-06	1.79E-06	8.17E-07	6.66E-07	2.89E-08	6.99E-07	1.54E-07	2.68E-07	4.25E-07	7.49E-08	4.40E-08	1.69E-06
538	496316.28, 3862993.93	0.41484	2.17E-03	2.83E-03	2.31E-03	7.52E-07	2.27E-06	1.31E-06	1.71E-06	1.55E-06	7.08E-07	5.78E-07	2.51E-08	6.06E-07	1.34E-07	2.32E-07	3.69E-07	6.50E-08	3.81E-08	1.47E-06
539	496316.28, 3863093.93	0.36382	1.90E-03	2.48E-03	2.02E-03	6.59E-07	1.99E-06	1.15E-06	1.50E-06	1.36E-06	6.21E-07	5.07E-07	2.20E-08	5.32E-07	1.17E-07	2.04E-07	3.23E-07	5.70E-08	3.34E-08	1.29E-06
540	496416.28, 3862693.93	0.7049	3.69E-03	4.81E-03	3.92E-03	1.28E-06	3.86E-06	2.23E-06	2.91E-06	2.64E-06	1.20E-06	9.82E-07	4.26E-08	1.03E-06	2.27E-07	3.95E-07	6.27E-07	1.10E-07	6.48E-08	2.50E-06
541	496416.28, 3862793.93	0.58707	3.07E-03	4.00E-03	3.27E-03	1.06E-06	3.21E-06	1.86E-06	2.42E-06	2.20E-06	1.00E-06	8.18E-07	3.55E-08	8.58E-07	1.89E-07	3.29E-07	5.22E-07	9.20E-08	5.39E-08	2.08E-06
542	496416.28, 3862893.93	0.49743	2.60E-03	3.39E-03	2.77E-03	9.01E-07	2.72E-06	1.58E-06	2.05E-06	1.86E-06	8.49E-07	6.93E-07	3.01E-08	7.27E-07	1.60E-07	2.79E-07	4.42E-07	7.79E-08	4.57E-08	1.76E-06
543	496416.28, 3862993.93	0.42848	2.24E-03	2.92E-03	2.38E-03	7.76E-07	2.34E-06	1.36E-06	1.77E-06	1.60E-06	7.31E-07	5.97E-07	2.59E-08	6.26E-07	1.38E-07	2.40E-07	3.81E-07	6.71E-08	3.94E-08	1.52E-06
544	496416.28, 3863093.93	0.37284	1.95E-03	2.54E-03	2.08E-03	6.75E-07	2.04E-06	1.18E-06	1.54E-06	1.39E-06	6.36E-07	5.19E-07	2.26E-08	5.45E-07	1.20E-07	2.09E-07	3.31E-07	5.84E-08	3.43E-08	1.32E-06
545	496516.28, 3862693.93	0.7437	3.89E-03	5.07E-03	4.14E-03	1.35E-06	4.07E-06	2.36E-06	3.07E-06	2.78E-06	1.27E-06	1.04E-06	4.50E-08	1.09E-06	2.40E-07	4.17E-07	6.61E-07	1.17E-07	6.83E-08	2.63E-06
546	496516.28, 3862793.93	0.6093	3.19E-03	4.16E-03	3.39E-03	1.10E-06	3.33E-06	1.93E-06	2.51E-06	2.28E-06	1.04E-06	8.49E-07	3.69E-08	8.90E-07	1.96E-07	3.41E-07	5.42E-07	9.55E-08	5.60E-08	2.16E-06
547	496516.28, 3862893.93	0.51637	2.70E-03	3.52E-03	2.87E-03	9.35E-07	2.82E-06	1.64E-06	2.13E-06	1.93E-06	8.81E-07	7.19E-07	3.12E-08	7.55E-07	1.67E-07	2.89E-07	4.59E-07	8.09E-08	4.74E-08	1.83E-06
548	496516.28, 3862993.93	0.44206	2.31E-03	3.02E-03	2.46E-03	8.01E-07	2.42E-06	1.40E-06	1.82E-06	1.65E-06	7.55E-07	6.16E-07	2.67E-08	6.46E-07	1.43E-07	2.48E-07	3.93E-07	6.93E-08	4.06E-08	1.57E-06
549	496516.28, 3863093.93	0.38258	2.00E-03	2.61E-03	2.13E-03	6.93E-07	2.09E-06	1.21E-06	1.58E-06	1.43E-06	6.53E-07	5.33E-07	2.31E-08	5.59E-07	1.23E-07	2.14E-07	3.40E-07	5.99E-08	3.52E-08	1.36E-06
550	496516.28, 3863193.93	0.3357	1.76E-03	2.29E-03	1.87E-03	6.08E-07	1.84E-06	1.06E-06	1.39E-06	1.26E-06	5.73E-07	4.68E-07	2.03E-08	4.91E-07	1.08E-07	1.88E-07	2.98E-07	5.26E-08	3.08E-08	1.19E-06
551	496516.28, 3863293.93	0.29818	1.56E-03	2.03E-03	1.66E-03	5.40E-07	1.63E-06	9.44E-07	1.23E-06	1.12E-06	5.09E-07	4.15E-07	1.80E-08	4.36E-07	9.61E-08	1.67E-07	2.65E-07	4.67E-08	2.74E-08	1.06E-06
552	496616.28, 3862693.93	0.78104	4.09E-03	5.33E-03	4.35E-03	1.41E-06	4.27E-06	2.47E-06	3.22E-06	2.92E-06	1.33E-06	1.09E-06	4.72E-08	1.14E-06	2.52E-07	4.38E-07	6.94E-07	1.22E-07	7.18E-08	2.77E-06
553	496616.28, 3862793.93	0.63829	3.34E-03	4.35E-03	3.55E-03	1.16E-06	3.49E-06	2.02E-06	2.63E-06	2.39E-06	1.09E-06	8.89E-07	3.86E-08	9.33E-07	2.06E-07	3.58E-07	5.67E-07	1.00E-07	5.86E-08	2.26E-06
554	496616.28, 3862893.93	0.53483	2.80E-03	3.65E-03	2.98E-03	9.69E-07	2.93E-06	1.69E-06	2.21E-06	2.00E-06	9.13E-07	7.45E-07	3.24E-08	7.82E-07	1.72E-07	3.00E-07	4.75E-07	8.38E-08	4.91E-08	1.89E-06
555	496616.28, 3862993.93	0.456	2.39E-03	3.11E-03	2.54E-03	8.26E-07	2.49E-06	1.44E-06	1.88E-06	1.71E-06	7.78E-07	6.35E-07	2.76E-08	6.66E-07	1.47E-07	2.56E-07	4.05E-07	7.14E-08	4.19E-08	1.62E-06
556	496616.28, 3863093.93	0.39308	2.06E-03	2.68E-03	2.19E-03	7.12E-07	2.15E-06	1.24E-06	1.62E-06	1.47E-06	6.71E-07	5.48E-07	2.38E-08	5.74E-07	1.27E-07	2.20E-07	3.49E-07	6.16E-08	3.61E-08	1.39E-06
557	496616.28, 3863193.93	0.34327	1.80E-03	2.34E-03	1.91E-03	6.22E-07	1.88E-06	1.09E-06	1.42E-06	1.28E-06	5.86E-07	4.78E-07	2.08E-08	5.02E-07	1.11E-07	1.92E-07	3.05E-07	5.38E-08	3.15E-08	1.22E-06
558	496616.28, 3863293.93	0.30399	1.59E-03	2.07E-03	1.69E-03	5.51E-07	1.66E-06	9.63E-07	1.25E-06	1.14E-06	5.19E-07	4.23E-07	1.84E-08	4.44E-07	9.80E-08	1.70E-07	2.70E-07	4.76E-08	2.79E-08	1.08E-06
559	496716.28, 3862793.93	0.66638	3.49E-03	4.55E-03	3.71E-03	1.21E-06	3.65E-06	2.11E-06	2.75E-06	2.49E-06	1.14E-06	9.28E-07	4.03E-08	9.74E-07	2.15E-07	3.73E-07	5.92E-07	1.04E-07	6.12E-08	2.36E-06
560	496716.28, 3862893.93	0.55568	2.91E-03	3.79E-03	3.09E-03	1.01E-06	3.04E-06	1.76E-06	2.29E-06	2.08E-06	9.49E-07	7.74E-07	3.36E-08	8.12E-07	1.79E-07	3.11E-07	4.94E-07	8.71E-08	5.11E-08	1.97E-06
561	496716.28, 3862993.93	0.46935	2.46E-03	3.20E-03	2.61E-03	8.50E-07	2.57E-06	1.49E-06	1.94E-06	1.76E-06	8.01E-07	6.54E-07	2.84E-08	6.86E-07	1.51E-07	2.63E-07	4.17E-07	7.35E-08	4.31E-08	1.66E-06
562	496716.28, 3863093.93	0.40343	2.11E-03	2.75E-03	2.25E-03	7.31E-07	2.21E-06	1.28E-06	1.67E-06	1.51E-06	6.89E-07	5.62E-07	2.44E-08	5.90E-07	1.30E-07	2.26E-07	3.59E-07	6.32E-08	3.71E-08	1.43E-06
563	496716.28, 3863193.93	0.35123	1.84E-03	2.40E-03	1.95E-03	6.36E-07	1.92E-06	1.11E-06	1.45E-06	1.31E-06	6.00E-07	4.89E-07	2.12E-08	5.13E-07	1.13E-07	1.97E-07	3.12E-07	5.50E-08	3.23E-08	1.24E-06
564	496716.28, 3863293.93	0.31013	1.62E-03	2.12E-03	1.73E-03	5.62E-07	1.70E-06	9.82E-07	1.28E-06	1.16E-06	5.29E-07	4.32E-07	1.88E-08	4.53E-07	1.00E-07	1.74E-07	2.76E-07	4.86E-08	2.85E-08	1.10E-06
565	496716.28, 3863393.93	0.27565	1.44E-03	1.88E-03	1.53E-03	4.99E-07	1.51E-06	8.73E-07	1.14E-06	1.03E-06	4.71E-07	3.84E-07	1.67E-08	4.03E-07	8.89E-08	1.54E-07	2.45E-07	4.32E-08	2.53E-08	9.76E-07
566	496816.28, 3862793.93	0.70309	3.68E-03	4.80E-03	3.91E-03	1.27E-06	3.85E-06	2.23E-06	2.90E-06	2.63E-06	1.20E-06	9.79E-07	4.25E-08	1.03E-06	2.27E-07	3.94E-07	6.25E-07	1.10E-07	6.46E-08	2.49E-06
567	496816.28, 3862893.93	0.57385	3.00E-03	3.91E-03	3.19E-03	1.04E-06	3.14E-06	1.82E-06	2.37E-06	2.15E-06	9.80E-07	7.99E-07	3.47E-08	8.39E-07	1.85E-07	3.22E-07	5.10E-07	8.99E-08	5.27E-08	2.03E-06
568	496816.28, 3862993.93	0.4826	2.53E-03	3.29E-03	2.69E-03	8.74E-07	2.64E-06	1.53E-06	1.99E-06	1.81E-06	8.24E-07	6.72E-07	2.92E-08	7.05E-07	1.56E-07	2.70E-07	4.29E-07	7.56E-08	4.43E-08	1.71E-06
569	496816.28, 3863093.93	0.41404	2.17E-03	2.82E-03	2.30E-03	7.50E-07	2.26E-06	1.31E-06	1.71E-06	1.55E-06	7.07E-07	5.77E-07	2.50E-08	6.05E-07	1.34E-07	2.32E-07	3.68E-07	6.49E-08	3.80E-08	1.47E-06
570	496816.28, 3863193.93	0.35921	1.88E-03	2.45E-03	2.00E-03	6.51E-07	1.96E-06	1.14E-06	1.48E-06	1.34E-06	6.13E-07	5.00E-07	2.17E-08	5.25E-07	1.16E-07	2.01E-07	3.19E-07	5.63E-08	3.30E-08	1.27E-06
571	496816.28, 3863293.93	0.31602	1.65E-03	2.16E-03	1.76E-03	5.73E-07	1.73E-06	1.00E-06	1.30E-06	1.18E-06	5.39E-07	4.40E-07	1.91E-08	4.62E-07	1.02E-07	1.77E-07	2.81E-07	4.95E-08	2.90E-08	1.12E-06
572	496816.28, 3863393.93	0.28017	1.47E-03	1.91E-03	1.56E-03	5.08E-07	1.53E-06	8.87E-07	1.16E-06	1.05E-06	4.78E-07	3.90E-07	1.69E-08	4.09E-07	9.03E-08	1.57E-07	2.49E-07	4.39E-08	2.57E-08	9.92E-07
573	496916.28, 3862793.93	0.7146	3.74E-03	4.87E-03	3.98E-03	1.29E-06	3.91E-06	2.26E-06	2.95E-06	2.67E-06	1.22E-06	9.95E-07	4.32E-08	1.04E-06	2.30E-07	4.00E-07	6.35E-07	1.12E-07	6.57E-08	2.53E-06
574	496916.28, 3862893.93	0.59198	3.10E-03	4.04E-03	3.29E-03	1.07E-06	3.24E-06	1.87E-06	2.44E-06	2.21E-06	1.01E-06	8.25E-07	3.58E-08	8.65E-07	1.91E-07	3.32E-07	5.26E-07	9.27E-08	5.44E-08	2.10E-06
575	496916.28, 3862993.93	0.49699	2.60E-03	3.39E-03	2.77E-03	9.00E-07	2.72E-06	1.57E-06	2.05E-06	1.86E-06	8.48E-07	6.92E-07	3.01E-08	7.26E-07	1.60E-07	2.78E-07	4.42E-07	7.79E-08	4.57E-08	1.76E-06
576	496916.28, 3863093.93	0.42359	2.22E-03	2.89E-03	2.36E-03	7.67E-07	2.32E-06	1.34E-06	1.75E-06	1.58E-06	7.23E-07	5.90E-07	2.56E-08	6.19E-07	1.37E-07	2.37E-07	3.77E-07	6.64E-08	3.89E-08	1.50E-06
577	496916.28, 3863193.93	0.36665	1.92E-03	2.50E-03	2.04E-03	6.64E-07	2.01E-06	1.16E-06	1.51E-06	1.37E-06	6.26E-07	5.11E-07	2.22E-08	5.36E-07	1.18E-07	2.05E-07	3.26E-07	5.74E-08	3.37E-08	1.30E-06
578	496916.28, 3863293.93	0.32155	1.68E-03	2.19E-03	1.79E-03	5.83E-07	1.76E-06	1.02E-06	1.33E-06	1.20E-06	5.49E-07	4.48E-07	1.95E-08	4.70E-07	1.04E-07	1.80E-07	2.86E-07	5.04E-08	2.95E-08	1.14E-06
579	496916.28, 3863393.93	0.28527	1.49E-03	1.95E-03	1.59E-03	5.17E-07	1.56E-06	9.03E-07	1.18E-06	1.07E-06	4.87E-07	3.97E-07	1.73E-08	4.17E-07	9.20E-08	1.60E-07	2.54E-07	4.47E-08	2.62E-08	1.01E-06
580	497016.28, 3862793.93	0.7415	3.88E-03	5.06E-03	4.13E-03	1.34E-06	4.06E-06	2.35E-06	3.06E-06	2.77E-06	1.27E-06	1.03E-06	4.49E-08	1.08E-06	2.39E-07	4.15E-07	6.59E-07	1.16E-07	6.81E-08	2.63E-06
581	497016.28, 3862893.93	0.61071	3.20E-03	4.17E-03	3.40E-03	1.11E-06	3.34E-06	1.93E-06	2.52E-06	2.28E-06	1.04E-06	8.51E-07	3.69E-08	8.92E-07	1.97E-07	3.42E-07	5.43E-07	9.57E-08	5.61E-08	2.16E-06
582	497016.28, 3862993.93	0.50986	2.67E-03	3.48E-03	2.84E-03	9.24E-07	2.79E-06	1.61E-06	2.10E-06	1.91E-06	8.70E-07	7.10E-07	3.08E-08	7.45E-07	1.64E-07	2.86E-07	4.53E-07	7.99E-08	4.68E-08	1.81E-06
583	497016.28, 3863093.93	0.4332	2.27E-03	2.95E-03	2.41E-03	7.85E-07	2.37E-06	1.37E-06	1.79E-06	1.62E-06	7.40E-07	6.03E-07	2.62E-08	6.33E-07	1.40E-07	2.43E-07	3.85E-07	6.79E-08	3.98E-08	1.53E-06
584	497016.28, 3863193.93	0.37405	1.96E-03	2.55E-03	2.08E-03	6.78E-07	2.05E-06	1.18E-06	1.54E-06	1.40E-06	6.39E-07	5.21E-07	2.26E-08	5.47E-07	1.21E-07	2.10E-07	3.32E-07	5.86E-08	3.44E-08	1.32E-06
585	497016.28, 3863293.93	0.32641	1.71E-03	2.23E-03	1.82E-03	5.91E-07	1.79E-06	1.03E-06	1.35E-06	1.22E-06	5.57E-07	4.55E-07	1.97E-08	4.77E-07	1.05E-07	1.83E-07	2.90E-07	5.11E-08	3.00E-08	1.16E-06
586	497016.28, 3863393.93	0.28966	1.52E-03	1.98E-03	1.61E-03	5.25E-07	1.58E-06	9.17E-07	1.20E-06	1.08E-06	4.94E-07	4.03E-07	1.75E-08	4.23E-07	9.34E-08	1.62E-07	2.57E-07	4.54E-08	2.66E-08	1.03E-06
587	497116.28, 3862793.93	0.77479	4.05E-03	5.28E-03	4.31E-03	1.40E-06	4.24E-06	2.45E-06	3.20E-06	2.90E-06	1.32E-06	1.08E-06	4.69E-08	1.13E-06	2.50E-07	4.34E-07	6.89E-07	1.21E-07	7.12E-08	2.74E-06
588	497116.28, 3862893.93	0.62479	3.27E-03	4.26E-03	3.48E-03	1.13E-06	3.42E-06	1.98E-06	2.58E-06	2.34E-06	1.07E-06	8.70E-07	3.78E-08	9.13E-07	2.01E-07	3.50E-07	5.55E-07	9.79E-08	5.74E-08	2.21E-06
589	497116.28, 3862993.93	0.52414	2.74E-03	3.58E-03	2.92E-03	9.50E-07	2.87E-06	1.66E-06	2.16E-06	1.96E-06	8.95E-07	7.30E-07	3.17E-08	7.66E-07	1.69E-07	2.94E-07	4.66E-07	8.21E-08	4.82E-08	1.86E-06
590	497116.28, 3863093.93	0.44494	2.33E-03	3.03E-03	2.48E-03	8.06E-07	2.43E-06	1.41E-06	1.84E-06	1.66E-06	7.60E-07	6.20E-07	2.69E-08	6.50E-07	1.43E-07	2.49E-07	3.96E-07	6.97E-08	4.09E-08	1.58E-06
591	497116.28, 3863193.93	0.38101	1.99E-03	2.60E-03	2.12E-03	6.90E-07	2.08E-06	1.21E-06	1.57E-06	1.43E-06	6.50E-07	5.31E-07	2.30E-08	5.57E-07	1.23E-07	2.13E-07	3.39E-07	5.97E-08	3.50E-08	1.35E-06
592	497116.28, 3863293.93	0.33127	1.73E-03	2.26E-03	1.84E-03	6.00E-07	1.81E-06	1.05E-06	1.37E-06	1.24E-06	5.66E-07	4.61E-07	2.00E-08	4.84E-07	1.07E-07	1.86E-07	2.94E-07	5.19E-08	3.04E-08	1.17E-06
593	497116.28, 3863393.93	0.29258	1.53E-03	2.00E-03	1.63E-03	5.30E-07	1.60E-06	9.26E-07	1.21E-06	1.09E-06	4.99E-07	4.08E-07	1.77E-08	4.28E-07	9.43E-08	1.64E-07	2.60E-07	4.58E-08	2.69E-08	1.04E-06
594	497216.28, 3862793.93	0.80015	4.19E-03	5.46E-03	4.45E-03	1.45E-06	4.38E-06	2.53E-06	3.30E-06	2.99E-06	1.37E-06	1.11E-06	4.84E-08	1.17E-06	2.58E-07	4.48E-07	7.11E-07	1.25E-07	7.35E-08	2.83E-06
595	497216.28, 3862893.93	0.63995	3.35E-03	4.37E-03	3.56E-03	1.16E-06	3.50E-06	2.03E-06	2.64E-06	2.39E-06	1.09E-06	8.91E-07	3.87E-08	9.35E-07	2.06E-07	3.59E-07	5.69E-07	1.00E-07	5.88E-08	2.27E-06
596	497216.28, 3862993.93	0.53169	2.78E-03	3.63E-03	2.96E-03	9.63E-07	2.91E-06	1.68E-06	2.19E-06	1.99E-06	9.08E-07	7.41E-07	3.22E-08	7.77E-07	1.71E-07	2.98E-07	4.73E-07	8.33E-08	4.89E-08	1.88E-06

597	497216.28, 3863093.93	0.45287	2.37E-03	3.09E-03	2.52E-03	8.20E-07	2.48E-06	1.43E-06	1.87E-06	1.69E-06	7.73E-07	6.31E-07	2.74E-08	6.62E-07	1.46E-07	2.54E-07	4.03E-07	7.09E-08	4.16E-08	1.60E-06
598	497216.28, 3863193.93	0.38737	2.03E-03	2.64E-03	2.16E-03	7.02E-07	2.12E-06	1.23E-06	1.60E-06	1.45E-06	6.61E-07	5.40E-07	2.34E-08	5.66E-07	1.25E-07	2.17E-07	3.44E-07	6.07E-08	3.56E-08	1.37E-06
599	497216.28, 3863293.93	0.3358	1.76E-03	2.29E-03	1.87E-03	6.08E-07	1.84E-06	1.06E-06	1.39E-06	1.26E-06	5.73E-07	4.68E-07	2.03E-08	4.91E-07	1.08E-07	1.88E-07	2.98E-07	5.26E-08	3.09E-08	1.19E-06
600	497216.28, 3863393.93	0.29542	1.55E-03	2.02E-03	1.64E-03	5.35E-07	1.62E-06	9.35E-07	1.22E-06	1.11E-06	5.04E-07	4.11E-07	1.79E-08	4.32E-07	9.53E-08	1.66E-07	2.63E-07	4.63E-08	2.71E-08	1.05E-06
601	497316.28, 3862793.93	0.82584	4.32E-03	5.63E-03	4.60E-03	1.50E-06	4.52E-06	2.62E-06	3.41E-06	3.09E-06	1.41E-06	1.15E-06	5.00E-08	1.21E-06	2.66E-07	4.63E-07	7.34E-07	1.29E-07	7.59E-08	2.93E-06
602	497316.28, 3862893.93	0.65847	3.45E-03	4.49E-03	3.66E-03	1.19E-06	3.60E-06	2.09E-06	2.72E-06	2.46E-06	1.12E-06	9.17E-07	3.98E-08	9.62E-07	2.12E-07	3.69E-07	5.85E-07	1.03E-07	6.05E-08	2.33E-06
603	497316.28, 3862993.93	0.5436	2.84E-03	3.71E-03	3.03E-03	9.85E-07	2.97E-06	1.72E-06	2.24E-06	2.03E-06	9.28E-07	7.57E-07	3.29E-08	7.94E-07	1.75E-07	3.05E-07	4.83E-07	8.52E-08	4.99E-08	1.93E-06
604	497316.28, 3863093.93	0.45843	2.40E-03	3.13E-03	2.55E-03	8.31E-07	2.51E-06	1.45E-06	1.89E-06	1.72E-06	7.83E-07	6.39E-07	2.77E-08	6.70E-07	1.48E-07	2.57E-07	4.08E-07	7.18E-08	4.21E-08	1.62E-06
605	497316.28, 3863193.93	0.3917	2.05E-03	2.67E-03	2.18E-03	7.10E-07	2.14E-06	1.24E-06	1.62E-06	1.47E-06	6.69E-07	5.46E-07	2.37E-08	5.72E-07	1.26E-07	2.19E-07	3.48E-07	6.14E-08	3.60E-08	1.39E-06
606	497316.28, 3863293.93	0.33969	1.78E-03	2.32E-03	1.89E-03	6.15E-07	1.86E-06	1.08E-06	1.40E-06	1.27E-06	5.80E-07	4.73E-07	2.05E-08	4.96E-07	1.10E-07	1.90E-07	3.02E-07	5.32E-08	3.12E-08	1.20E-06
607	497316.28, 3863393.93	0.29878	1.56E-03	2.04E-03	1.66E-03	5.41E-07	1.63E-06	9.46E-07	1.23E-06	1.12E-06	5.10E-07	4.16E-07	1.81E-08	4.37E-07	9.63E-08	1.67E-07	2.66E-07	4.68E-08	2.75E-08	1.06E-06
608	497416.28, 3862793.93	0.85099	4.45E-03	5.80E-03	4.74E-03	1.54E-06	4.65E-06	2.69E-06	3.51E-06	3.18E-06	1.45E-06	1.19E-06	5.15E-08	1.24E-06	2.74E-07	4.77E-07	7.56E-07	1.33E-07	7.82E-08	3.01E-06
609	497416.28, 3862893.93	0.67127	3.51E-03	4.58E-03	3.74E-03	1.22E-06	3.67E-06	2.13E-06	2.77E-06	2.51E-06	1.15E-06	9.35E-07	4.06E-08	9.81E-07	2.16E-07	3.76E-07	5.97E-07	1.05E-07	6.17E-08	2.38E-06
610	497416.28, 3862993.93	0.55378	2.90E-03	3.78E-03	3.08E-03	1.00E-06	3.03E-06	1.75E-06	2.29E-06	2.07E-06	9.45E-07	7.71E-07	3.35E-08	8.09E-07	1.79E-07	3.10E-07	4.92E-07	8.68E-08	5.09E-08	1.96E-06
611	497416.28, 3863093.93	0.46513	2.43E-03	3.17E-03	2.59E-03	8.43E-07	2.54E-06	1.47E-06	1.92E-06	1.74E-06	7.94E-07	6.48E-07	2.81E-08	6.80E-07	1.50E-07	2.61E-07	4.13E-07	7.29E-08	4.27E-08	1.65E-06
612	497416.28, 3863193.93	0.39643	2.07E-03	2.70E-03	2.21E-03	7.18E-07	2.17E-06	1.26E-06	1.64E-06	1.48E-06	6.77E-07	5.52E-07	2.40E-08	5.79E-07	1.28E-07	2.22E-07	3.52E-07	6.21E-08	3.64E-08	1.40E-06
613	497416.28, 3863293.93	0.34365	1.80E-03	2.34E-03	1.91E-03	6.23E-07	1.88E-06	1.09E-06	1.42E-06	1.29E-06	5.87E-07	4.79E-07	2.08E-08	5.02E-07	1.11E-07	1.93E-07	3.05E-07	5.38E-08	3.16E-08	1.22E-06
614	497416.28, 3863393.93	0.30174	1.58E-03	2.06E-03	1.68E-03	5.47E-07	1.65E-06	9.55E-07	1.25E-06	1.13E-06	5.15E-07	4.20E-07	1.83E-08	4.41E-07	9.73E-08	1.69E-07	2.68E-07	4.73E-08	2.77E-08	1.07E-06
615	497516.28, 3862693.93	1.21282	6.35E-03	8.27E-03	6.75E-03	2.20E-06	6.63E-06	3.84E-06	5.01E-06	4.54E-06	2.07E-06	1.69E-06	7.34E-08	1.77E-06	3.91E-07	6.80E-07	1.08E-06	1.90E-07	1.11E-07	4.30E-06
616	497516.28, 3862793.93	0.87276	4.57E-03	5.95E-03	4.86E-03	1.58E-06	4.77E-06	2.76E-06	3.60E-06	3.27E-06	1.49E-06	1.22E-06	5.28E-08	1.28E-06	2.81E-07	4.89E-07	7.76E-07	1.37E-07	8.02E-08	3.09E-06
617	497516.28, 3862893.93	0.68506	3.59E-03	4.67E-03	3.81E-03	1.24E-06	3.75E-06	2.17E-06	2.83E-06	2.56E-06	1.17E-06	9.54E-07	4.14E-08	1.00E-06	2.21E-07	3.84E-07	6.09E-07	1.07E-07	6.29E-08	2.43E-06
618	497516.28, 3862993.93	0.56754	2.97E-03	3.87E-03	3.16E-03	1.03E-06	3.10E-06	1.80E-06	2.34E-06	2.12E-06	9.69E-07	7.91E-07	3.43E-08	8.29E-07	1.83E-07	3.18E-07	5.04E-07	8.89E-08	5.21E-08	2.01E-06
619	497516.28, 3863093.93	0.46887	2.45E-03	3.20E-03	2.61E-03	8.49E-07	2.56E-06	1.48E-06	1.94E-06	1.75E-06	8.00E-07	6.53E-07	2.84E-08	6.85E-07	1.51E-07	2.63E-07	4.17E-07	7.35E-08	4.31E-08	1.66E-06
620	497516.28, 3863193.93	0.40129	2.10E-03	2.74E-03	2.23E-03	7.27E-07	2.20E-06	1.27E-06	1.66E-06	1.50E-06	6.85E-07	5.59E-07	2.43E-08	5.86E-07	1.29E-07	2.25E-07	3.57E-07	6.29E-08	3.69E-08	1.42E-06
621	497516.28, 3863293.93	0.34678	1.81E-03	2.37E-03	1.93E-03	6.28E-07	1.90E-06	1.10E-06	1.43E-06	1.30E-06	5.92E-07	4.83E-07	2.10E-08	5.07E-07	1.12E-07	1.94E-07	3.08E-07	5.43E-08	3.19E-08	1.23E-06
622	497516.28, 3863393.93	0.30508	1.60E-03	2.08E-03	1.70E-03	5.53E-07	1.67E-06	9.66E-07	1.26E-06	1.14E-06	5.21E-07	4.25E-07	1.85E-08	4.46E-07	9.84E-08	1.71E-07	2.71E-07	4.78E-08	2.80E-08	1.08E-06
623	497616.28, 3862693.93	1.23851	6.48E-03	8.45E-03	6.89E-03	2.24E-06	6.77E-06	3.92E-06	5.11E-06	4.63E-06	2.11E-06	1.73E-06	7.49E-08	1.81E-06	3.99E-07	6.94E-07	1.10E-06	1.94E-07	1.14E-07	4.39E-06
624	497616.28, 3862793.93	0.89159	4.67E-03	6.08E-03	4.96E-03	1.62E-06	4.88E-06	2.82E-06	3.68E-06	3.34E-06	1.52E-06	1.24E-06	5.39E-08	1.30E-06	2.87E-07	5.00E-07	7.93E-07	1.40E-07	8.19E-08	3.16E-06
625	497616.28, 3862893.93	0.69618	3.64E-03	4.75E-03	3.87E-03	1.26E-06	3.81E-06	2.20E-06	2.87E-06	2.60E-06	1.19E-06	9.70E-07	4.21E-08	1.02E-06	2.24E-07	3.90E-07	6.19E-07	1.09E-07	6.40E-08	2.47E-06
626	497616.28, 3862993.93	0.57451	3.01E-03	3.92E-03	3.20E-03	1.04E-06	3.14E-06	1.82E-06	2.37E-06	2.15E-06	9.81E-07	8.00E-07	3.48E-08	8.40E-07	1.85E-07	3.22E-07	5.11E-07	9.00E-08	5.28E-08	2.03E-06
627	497616.28, 3863093.93	0.47404	2.48E-03	3.23E-03	2.64E-03	8.59E-07	2.59E-06	1.50E-06	1.96E-06	1.77E-06	8.09E-07	6.60E-07	2.87E-08	6.93E-07	1.53E-07	2.66E-07	4.21E-07	7.43E-08	4.36E-08	1.68E-06
628	497616.28, 3863193.93	0.40676	2.13E-03	2.77E-03	2.26E-03	7.37E-07	2.23E-06	1.29E-06	1.68E-06	1.52E-06	6.94E-07	5.67E-07	2.46E-08	5.94E-07	1.31E-07	2.28E-07	3.62E-07	6.37E-08	3.74E-08	1.44E-06
629	497616.28, 3863293.93	0.35014	1.83E-03	2.39E-03	1.95E-03	6.34E-07	1.92E-06	1.11E-06	1.45E-06	1.31E-06	5.98E-07	4.88E-07	2.12E-08	5.12E-07	1.13E-07	1.96E-07	3.11E-07	5.49E-08	3.22E-08	1.24E-06
630	497616.28, 3863393.93	0.30822	1.61E-03	2.10E-03	1.72E-03	5.58E-07	1.69E-06	9.76E-07	1.27E-06	1.15E-06	5.26E-07	4.29E-07	1.86E-08	4.50E-07	9.94E-08	1.73E-07	2.74E-07	4.83E-08	2.83E-08	1.09E-06
631	497716.28, 3862693.93	1.26021	6.60E-03	8.60E-03	7.01E-03	2.28E-06	6.89E-06	3.99E-06	5.20E-06	4.71E-06	2.15E-06	1.76E-06	7.62E-08	1.84E-06	4.06E-07	7.06E-07	1.12E-06	1.97E-07	1.16E-07	4.46E-06
632	497716.28, 3862793.93	0.90374	4.73E-03	6.16E-03	5.03E-03	1.64E-06	4.94E-06	2.86E-06	3.73E-06	3.38E-06	1.54E-06	1.26E-06	5.47E-08	1.32E-06	2.91E-07	5.06E-07	8.03E-07	1.42E-07	8.30E-08	3.20E-06
633	497716.28, 3862893.93	0.70466	3.69E-03	4.81E-03	3.92E-03	1.28E-06	3.85E-06	2.23E-06	2.91E-06	2.64E-06	1.20E-06	9.82E-07	4.26E-08	1.03E-06	2.27E-07	3.95E-07	6.26E-07	1.10E-07	6.47E-08	2.50E-06
634	497716.28, 3862993.93	0.581	3.04E-03	3.96E-03	3.23E-03	1.05E-06	3.18E-06	1.84E-06	2.40E-06	2.17E-06	9.92E-07	8.09E-07	3.51E-08	8.49E-07	1.87E-07	3.26E-07	5.16E-07	9.10E-08	5.34E-08	2.06E-06
635	497716.28, 3863093.93	0.47967	2.51E-03	3.27E-03	2.67E-03	8.69E-07	2.62E-06	1.52E-06	1.98E-06	1.79E-06	8.19E-07	6.68E-07	2.90E-08	7.01E-07	1.55E-07	2.69E-07	4.26E-07	7.51E-08	4.41E-08	1.70E-06
636	497716.28, 3863193.93	0.41113	2.15E-03	2.80E-03	2.29E-03	7.45E-07	2.25E-06	1.30E-06	1.70E-06	1.54E-06	7.02E-07	5.73E-07	2.49E-08	6.01E-07	1.33E-07	2.30E-07	3.65E-07	6.44E-08	3.78E-08	1.46E-06
637	497716.28, 3863293.93	0.355	1.86E-03	2.42E-03	1.98E-03	6.43E-07	1.94E-06	1.12E-06	1.47E-06	1.33E-06	6.06E-07	4.94E-07	2.15E-08	5.19E-07	1.14E-07	1.99E-07	3.16E-07	5.56E-08	3.26E-08	1.26E-06
638	497716.28, 3863393.93	0.31088	1.63E-03	2.12E-03	1.73E-03	5.63E-07	1.70E-06	9.84E-07	1.28E-06	1.16E-06	5.31E-07	4.33E-07	1.88E-08	4.54E-07	1.00E-07	1.74E-07	2.76E-07	4.87E-08	2.86E-08	1.10E-06
639	497816.28, 3862693.93	1.25767	6.58E-03	8.58E-03	7.00E-03	2.28E-06	6.88E-06	3.98E-06	5.19E-06	4.71E-06	2.15E-06	1.75E-06	7.61E-08	1.84E-06	4.06E-07	7.05E-07	1.12E-06	1.97E-07	1.16E-07	4.45E-06
640	497816.28, 3862793.93	0.91241	4.78E-03	6.22E-03	5.08E-03	1.65E-06	4.99E-06	2.89E-06	3.77E-06	3.41E-06	1.56E-06	1.27E-06	5.52E-08	1.33E-06	2.94E-07	5.11E-07	8.11E-07	1.43E-07	8.38E-08	3.23E-06
641	497816.28, 3862893.93	0.71109	3.72E-03	4.85E-03	3.96E-03	1.29E-06	3.89E-06	2.25E-06	2.93E-06	2.66E-06	1.21E-06	9.90E-07	4.30E-08	1.04E-06	2.29E-07	3.98E-07	6.32E-07	1.11E-07	6.53E-08	2.52E-06
642	497816.28, 3862993.93	0.58569	3.07E-03	3.99E-03	3.26E-03	1.06E-06	3.20E-06	1.85E-06	2.42E-06	2.19E-06	1.00E-06	8.16E-07	3.54E-08	8.56E-07	1.89E-07	3.28E-07	5.21E-07	9.18E-08	5.38E-08	2.07E-06
643	497816.28, 3863093.93	0.48457	2.54E-03	3.31E-03	2.70E-03	8.78E-07	2.65E-06	1.53E-06	2.00E-06	1.81E-06	8.27E-07	6.75E-07	2.93E-08	7.08E-07	1.56E-07	2.72E-07	4.31E-07	7.59E-08	4.45E-08	1.72E-06
644	497816.28, 3863193.93	0.41408	2.17E-03	2.82E-03	2.30E-03	7.50E-07	2.27E-06	1.31E-06	1.71E-06	1.55E-06	7.07E-07	5.77E-07	2.51E-08	6.05E-07	1.34E-07	2.32E-07	3.68E-07	6.49E-08	3.80E-08	1.47E-06
645	497816.28, 3863293.93	0.35883	1.88E-03	2.45E-03	2.00E-03	6.50E-07	1.96E-06	1.14E-06	1.48E-06	1.34E-06	6.13E-07	5.00E-07	2.17E-08	5.24E-07	1.16E-07	2.01E-07	3.19E-07	5.62E-08	3.30E-08	1.27E-06
646	497816.28, 3863393.93	0.31345	1.64E-03	2.14E-03	1.74E-03	5.68E-07	1.71E-06	9.93E-07	1.29E-06	1.17E-06	5.35E-07	4.37E-07	1.90E-08	4.58E-07	1.01E-07	1.76E-07	2.79E-07	4.91E-08	2.88E-08	1.11E-06
647	497916.28, 3862693.93	1.23851	6.48E-03	8.45E-03	6.89E-03	2.24E-06	6.77E-06	3.92E-06	5.11E-06	4.63E-06	2.11E-06	1.73E-06	7.49E-08	1.81E-06	3.99E-07	6.94E-07	1.10E-06	1.94E-07	1.14E-07	4.39E-06
648	497916.28, 3862793.93	0.91599	4.79E-03	6.25E-03	5.10E-03	1.66E-06	5.01E-06	2.90E-06	3.78E-06	3.43E-06	1.56E-06	1.28E-06	5.54E-08	1.34E-06	2.95E-07	5.13E-07	8.14E-07	1.44E-07	8.42E-08	3.24E-06
649	497916.28, 3862893.93	0.72306	3.78E-03	4.93E-03	4.02E-03	1.31E-06	3.96E-06	2.29E-06	2.98E-06	2.71E-06	1.23E-06	1.01E-06	4.37E-08	1.06E-06	2.33E-07	4.05E-07	6.43E-07	1.13E-07	6.64E-08	2.56E-06
650	497916.28, 3862993.93	0.58984	3.09E-03	4.02E-03	3.28E-03	1.07E-06	3.23E-06	1.87E-06	2.43E-06	2.21E-06	1.01E-06	8.22E-07	3.57E-08	8.62E-07	1.90E-07	3.31E-07	5.24E-07	9.24E-08	5.42E-08	2.09E-06
651	497916.28, 3863093.93	0.49093	2.57E-03	3.35E-03	2.73E-03	8.89E-07	2.69E-06	1.55E-06	2.03E-06	1.84E-06	8.38E-07	6.84E-07	2.97E-08	7.17E-07	1.58E-07	2.75E-07	4.36E-07	7.69E-08	4.51E-08	1.74E-06
652	497916.28, 3863193.93	0.4164	2.18E-03	2.84E-03	2.32E-03	7.54E-07	2.28E-06	1.32E-06	1.72E-06	1.56E-06	7.11E-07	5.80E-07	2.52E-08	6.08E-07	1.34E-07	2.33E-07	3.70E-07	6.52E-08	3.83E-08	1.47E-06
653	497916.28, 3863293.93	0.36087	1.89E-03	2.46E-03	2.01E-03	6.54E-07	1.97E-06	1.14E-06	1.49E-06	1.35E-06	6.16E-07	5.03E-07	2.18E-08	5.27E-07	1.16E-07	2.02E-07	3.21E-07	5.65E-08	3.32E-08	1.28E-06
654	497916.28, 3863393.93	0.31575	1.65E-03	2.15E-03	1.76E-03	5.72E-07	1.73E-06	1.00E-06	1.30E-06	1.18E-06	5.39E-07	4.40E-07	1.91E-08	4.61E-07	1.02E-07	1.77E-07	2.81E-07	4.95E-08	2.90E-08	1.12E-06
655	498016.28, 3862693.93	1.27345	6.66E-03	8.69E-03	7.09E-03	2.31E-06	6.97E-06	4.03E-06	5.26E-06	4.76E-06	2.17E-06	1.77E-06	7.70E-08	1.86E-06	4.11E-07	7.14E-07	1.13E-06	2.00E-07	1.17E-07	4.51E-06
656	498016.28, 3862793.93	0.95033	4.97E-03	6.48E-03	5.29E-03	1.72E-06	5.20E-06	3.01E-06	3.92E-06	3.56E-06	1.62E-06	1.32E-06	5.75E-08	1.39E-06	3.06E-07	5.33E-07	8.45E-07	1.49E-07	8.73E-08	3.37E-06

657	498016.28, 3862893.93	0.73017	3.82E-03	4.98E-03	4.06E-03	1.32E-06	3.99E-06	2.31E-06	3.01E-06	2.73E-06	1.25E-06	1.02E-06	4.42E-08	1.07E-06	2.35E-07	4.09E-07	6.49E-07	1.14E-07	6.71E-08	2.59E-06
658	498016.28, 3862993.93	0.59573	3.12E-03	4.06E-03	3.32E-03	1.08E-06	3.26E-06	1.89E-06	2.46E-06	2.23E-06	1.02E-06	8.30E-07	3.60E-08	8.71E-07	1.92E-07	3.34E-07	5.30E-07	9.33E-08	5.47E-08	2.11E-06
659	498016.28, 3863093.93	0.49459	2.59E-03	3.37E-03	2.75E-03	8.96E-07	2.71E-06	1.57E-06	2.04E-06	1.85E-06	8.44E-07	6.89E-07	2.99E-08	7.23E-07	1.59E-07	2.77E-07	4.40E-07	7.75E-08	4.54E-08	1.75E-06
660	498016.28, 3863193.93	0.41957	2.20E-03	2.86E-03	2.34E-03	7.60E-07	2.30E-06	1.33E-06	1.73E-06	1.57E-06	7.16E-07	5.84E-07	2.54E-08	6.13E-07	1.35E-07	2.35E-07	3.73E-07	6.57E-08	3.85E-08	1.49E-06
661	498016.28, 3863293.93	0.36126	1.89E-03	2.46E-03	2.01E-03	6.54E-07	1.98E-06	1.14E-06	1.49E-06	1.35E-06	6.17E-07	5.03E-07	2.19E-08	5.28E-07	1.16E-07	2.02E-07	3.21E-07	5.66E-08	3.32E-08	1.28E-06
662	498016.28, 3863393.93	0.31759	1.66E-03	2.17E-03	1.77E-03	5.75E-07	1.74E-06	1.01E-06	1.31E-06	1.19E-06	5.42E-07	4.42E-07	1.92E-08	4.64E-07	1.02E-07	1.78E-07	2.82E-07	4.98E-08	2.92E-08	1.12E-06
663	498116.28, 3862693.93	1.24008	6.49E-03	8.46E-03	6.90E-03	2.25E-06	6.78E-06	3.93E-06	5.12E-06	4.64E-06	2.12E-06	1.73E-06	7.50E-08	1.81E-06	4.00E-07	6.95E-07	1.10E-06	1.94E-07	1.14E-07	4.39E-06
664	498116.28, 3862793.93	0.93856	4.91E-03	6.40E-03	5.22E-03	1.70E-06	5.13E-06	2.97E-06	3.87E-06	3.51E-06	1.60E-06	1.31E-06	5.68E-08	1.37E-06	3.03E-07	5.26E-07	8.34E-07	1.47E-07	8.62E-08	3.32E-06
665	498116.28, 3862893.93	0.73517	3.85E-03	5.01E-03	4.09E-03	1.33E-06	4.02E-06	2.33E-06	3.03E-06	2.75E-06	1.26E-06	1.02E-06	4.45E-08	1.07E-06	2.37E-07	4.12E-07	6.54E-07	1.15E-07	6.75E-08	2.60E-06
666	498116.28, 3862993.93	0.5937	3.11E-03	4.05E-03	3.30E-03	1.08E-06	3.25E-06	1.88E-06	2.45E-06	2.22E-06	1.01E-06	8.27E-07	3.59E-08	8.68E-07	1.91E-07	3.33E-07	5.28E-07	9.30E-08	5.45E-08	2.10E-06
667	498116.28, 3863093.93	0.49391	2.58E-03	3.37E-03	2.75E-03	8.95E-07	2.70E-06	1.56E-06	2.04E-06	1.85E-06	8.43E-07	6.88E-07	2.99E-08	7.22E-07	1.59E-07	2.77E-07	4.39E-07	7.74E-08	4.54E-08	1.75E-06
668	498116.28, 3863193.93	0.42068	2.20E-03	2.87E-03	2.34E-03	7.62E-07	2.30E-06	1.33E-06	1.74E-06	1.57E-06	7.18E-07	5.86E-07	2.54E-08	6.15E-07	1.36E-07	2.36E-07	3.74E-07	6.59E-08	3.87E-08	1.49E-06
669	498116.28, 3863293.93	0.36432	1.91E-03	2.48E-03	2.03E-03	6.60E-07	1.99E-06	1.15E-06	1.50E-06	1.36E-06	6.22E-07	5.07E-07	2.20E-08	5.32E-07	1.17E-07	2.04E-07	3.24E-07	5.71E-08	3.35E-08	1.29E-06
670	498116.28, 3863393.93	0.31786	1.66E-03	2.17E-03	1.77E-03	5.76E-07	1.74E-06	1.01E-06	1.31E-06	1.19E-06	5.43E-07	4.43E-07	1.92E-08	4.64E-07	1.02E-07	1.78E-07	2.83E-07	4.98E-08	2.92E-08	1.13E-06
671	498216.28, 3862693.93	1.2194	6.38E-03	8.32E-03	6.79E-03	2.21E-06	6.67E-06	3.86E-06	5.03E-06	4.56E-06	2.08E-06	1.70E-06	7.38E-08	1.78E-06	3.93E-07	6.83E-07	1.08E-06	1.91E-07	1.12E-07	4.32E-06
672	498216.28, 3862793.93	0.92235	4.83E-03	6.29E-03	5.13E-03	1.67E-06	5.05E-06	2.92E-06	3.81E-06	3.45E-06	1.57E-06	1.28E-06	5.58E-08	1.35E-06	2.97E-07	5.17E-07	8.20E-07	1.44E-07	8.47E-08	3.27E-06
673	498216.28, 3862893.93	0.72955	3.82E-03	4.98E-03	4.06E-03	1.32E-06	3.99E-06	2.31E-06	3.01E-06	2.73E-06	1.25E-06	1.02E-06	4.41E-08	1.07E-06	2.35E-07	4.09E-07	6.49E-07	1.14E-07	6.70E-08	2.58E-06
674	498216.28, 3862993.93	0.59899	3.13E-03	4.09E-03	3.33E-03	1.09E-06	3.28E-06	1.90E-06	2.47E-06	2.24E-06	1.02E-06	8.34E-07	3.62E-08	8.75E-07	1.93E-07	3.36E-07	5.32E-07	9.38E-08	5.50E-08	2.12E-06
675	498216.28, 3863093.93	0.49554	2.59E-03	3.38E-03	2.76E-03	8.98E-07	2.71E-06	1.57E-06	2.05E-06	1.85E-06	8.46E-07	6.90E-07	3.00E-08	7.24E-07	1.60E-07	2.78E-07	4.40E-07	7.76E-08	4.55E-08	1.76E-06
676	498216.28, 3863193.93	0.42237	2.21E-03	2.88E-03	2.35E-03	7.65E-07	2.31E-06	1.34E-06	1.74E-06	1.58E-06	7.21E-07	5.88E-07	2.56E-08	6.17E-07	1.36E-07	2.37E-07	3.75E-07	6.62E-08	3.88E-08	1.50E-06
677	498316.28, 3862693.93	1.19597	6.26E-03	8.16E-03	6.66E-03	2.17E-06	6.54E-06	3.79E-06	4.94E-06	4.47E-06	2.04E-06	1.67E-06	7.24E-08	1.75E-06	3.86E-07	6.70E-07	1.06E-06	1.87E-07	1.10E-07	4.24E-06
678	498316.28, 3862793.93	0.90829	4.75E-03	6.20E-03	5.06E-03	1.65E-06	4.97E-06	2.88E-06	3.75E-06	3.40E-06	1.55E-06	1.27E-06	5.49E-08	1.33E-06	2.93E-07	5.09E-07	8.07E-07	1.42E-07	8.35E-08	3.22E-06
679	498316.28, 3862893.93	0.72639	3.80E-03	4.95E-03	4.04E-03	1.32E-06	3.97E-06	2.30E-06	3.00E-06	2.72E-06	1.24E-06	1.01E-06	4.39E-08	1.06E-06	2.34E-07	4.07E-07	6.46E-07	1.14E-07	6.67E-08	2.57E-06
680	498316.28, 3862993.93	0.59286	3.10E-03	4.04E-03	3.30E-03	1.07E-06	3.24E-06	1.88E-06	2.45E-06	2.22E-06	1.01E-06	8.26E-07	3.59E-08	8.66E-07	1.91E-07	3.32E-07	5.27E-07	9.29E-08	5.45E-08	2.10E-06
681	498316.28, 3863093.93	0.49584	2.59E-03	3.38E-03	2.76E-03	8.98E-07	2.71E-06	1.57E-06	2.05E-06	1.86E-06	8.46E-07	6.91E-07	3.00E-08	7.25E-07	1.60E-07	2.78E-07	4.41E-07	7.77E-08	4.56E-08	1.76E-06
682	498316.28, 3863193.93	0.42159	2.21E-03	2.88E-03	2.35E-03	7.64E-07	2.31E-06	1.34E-06	1.74E-06	1.58E-06	7.20E-07	5.87E-07	2.55E-08	6.16E-07	1.36E-07	2.36E-07	3.75E-07	6.60E-08	3.87E-08	1.49E-06
683	498416.28, 3862593.93	1.54775	8.10E-03	1.06E-02	8.61E-03	2.80E-06	8.47E-06	4.90E-06	6.39E-06	5.79E-06	2.64E-06	2.16E-06	9.36E-08	2.26E-06	4.99E-07	8.67E-07	1.38E-06	2.42E-07	1.42E-07	5.48E-06
684	498416.28, 3862693.93	1.17281	6.14E-03	8.00E-03	6.53E-03	2.12E-06	6.42E-06	3.71E-06	4.84E-06	4.39E-06	2.00E-06	1.63E-06	7.10E-08	1.71E-06	3.78E-07	6.57E-07	1.04E-06	1.84E-07	1.08E-07	4.15E-06
685	498416.28, 3862793.93	0.89815	4.70E-03	6.13E-03	5.00E-03	1.63E-06	4.91E-06	2.84E-06	3.71E-06	3.36E-06	1.53E-06	1.25E-06	5.43E-08	1.31E-06	2.90E-07	5.03E-07	7.98E-07	1.41E-07	8.25E-08	3.18E-06
686	498416.28, 3862893.93	0.71833	3.76E-03	4.90E-03	4.00E-03	1.30E-06	3.93E-06	2.27E-06	2.96E-06	2.69E-06	1.23E-06	1.00E-06	4.35E-08	1.05E-06	2.32E-07	4.03E-07	6.39E-07	1.13E-07	6.60E-08	2.54E-06
687	498416.28, 3862993.93	0.58844	3.08E-03	4.01E-03	3.27E-03	1.07E-06	3.22E-06	1.86E-06	2.43E-06	2.20E-06	1.00E-06	8.20E-07	3.56E-08	8.60E-07	1.90E-07	3.30E-07	5.23E-07	9.22E-08	5.41E-08	2.08E-06
688	498416.28, 3863093.93	0.49343	2.58E-03	3.37E-03	2.75E-03	8.94E-07	2.70E-06	1.56E-06	2.04E-06	1.85E-06	8.42E-07	6.87E-07	2.99E-08	7.21E-07	1.59E-07	2.76E-07	4.39E-07	7.73E-08	4.53E-08	1.75E-06
689	498416.28, 3863193.93	0.42157	2.21E-03	2.88E-03	2.35E-03	7.64E-07	2.31E-06	1.33E-06	1.74E-06	1.58E-06	7.20E-07	5.87E-07	2.55E-08	6.16E-07	1.36E-07	2.36E-07	3.75E-07	6.60E-08	3.87E-08	1.49E-06
690	498516.28, 3862593.93	1.48751	7.78E-03	1.01E-02	8.28E-03	2.69E-06	8.14E-06	4.71E-06	6.14E-06	5.57E-06	2.54E-06	2.07E-06	9.00E-08	2.17E-06	4.80E-07	8.34E-07	1.32E-06	2.33E-07	1.37E-07	5.27E-06
691	498516.28, 3862693.93	1.14184	5.98E-03	7.79E-03	6.35E-03	2.07E-06	6.25E-06	3.62E-06	4.71E-06	4.27E-06	1.95E-06	1.59E-06	6.91E-08	1.67E-06	3.68E-07	6.40E-07	1.01E-06	1.79E-07	1.05E-07	4.04E-06
692	498516.28, 3862793.93	0.8742	4.58E-03	5.96E-03	4.87E-03	1.58E-06	4.78E-06	2.77E-06	3.61E-06	3.27E-06	1.49E-06	1.22E-06	5.29E-08	1.28E-06	2.82E-07	4.90E-07	7.77E-07	1.37E-07	8.03E-08	3.10E-06
693	498516.28, 3862893.93	0.70635	3.70E-03	4.82E-03	3.93E-03	1.28E-06	3.86E-06	2.24E-06	2.92E-06	2.64E-06	1.21E-06	9.84E-07	4.27E-08	1.03E-06	2.28E-07	3.96E-07	6.28E-07	1.11E-07	6.49E-08	2.50E-06
694	498516.28, 3862993.93	0.58227	3.05E-03	3.97E-03	3.24E-03	1.05E-06	3.19E-06	1.84E-06	2.40E-06	2.18E-06	9.94E-07	8.11E-07	3.52E-08	8.51E-07	1.88E-07	3.26E-07	5.18E-07	9.12E-08	5.35E-08	2.06E-06
695	498516.28, 3863093.93	0.48941	2.56E-03	3.34E-03	2.72E-03	8.87E-07	2.68E-06	1.55E-06	2.02E-06	1.83E-06	8.35E-07	6.82E-07	2.96E-08	7.15E-07	1.58E-07	2.74E-07	4.35E-07	7.67E-08	4.50E-08	1.73E-06
696	498516.28, 3863193.93	0.42194	2.21E-03	2.88E-03	2.35E-03	7.64E-07	2.31E-06	1.34E-06	1.74E-06	1.58E-06	7.20E-07	5.88E-07	2.55E-08	6.17E-07	1.36E-07	2.36E-07	3.75E-07	6.61E-08	3.88E-08	1.49E-06
697	498616.28, 3862593.93	1.43061	7.49E-03	9.76E-03	7.96E-03	2.59E-06	7.83E-06	4.53E-06	5.90E-06	5.35E-06	2.44E-06	1.99E-06	8.65E-08	2.09E-06	4.61E-07	8.02E-07	1.27E-06	2.24E-07	1.31E-07	5.07E-06
698	498616.28, 3862693.93	1.1149	5.83E-03	7.60E-03	6.21E-03	2.02E-06	6.10E-06	3.53E-06	4.60E-06	4.17E-06	1.90E-06	1.55E-06	6.74E-08	1.63E-06	3.60E-07	6.25E-07	9.91E-07	1.75E-07	1.02E-07	3.95E-06
699	498616.28, 3862793.93	0.87137	4.56E-03	5.94E-03	4.85E-03	1.58E-06	4.77E-06	2.76E-06	3.60E-06	3.26E-06	1.49E-06	1.21E-06	5.27E-08	1.27E-06	2.81E-07	4.88E-07	7.75E-07	1.37E-07	8.01E-08	3.09E-06
700	498616.28, 3862893.93	0.69618	3.64E-03	4.75E-03	3.87E-03	1.26E-06	3.81E-06	2.20E-06	2.87E-06	2.60E-06	1.19E-06	9.70E-07	4.21E-08	1.02E-06	2.24E-07	3.90E-07	6.19E-07	1.09E-07	6.40E-08	2.47E-06
701	498616.28, 3862993.93	0.57756	3.02E-03	3.94E-03	3.21E-03	1.05E-06	3.16E-06	1.83E-06	2.38E-06	2.16E-06	9.86E-07	8.04E-07	3.49E-08	8.44E-07	1.86E-07	3.24E-07	5.13E-07	9.05E-08	5.31E-08	2.05E-06
702	498616.28, 3863093.93	0.48537	2.54E-03	3.31E-03	2.70E-03	8.79E-07	2.66E-06	1.54E-06	2.00E-06	1.82E-06	8.29E-07	6.76E-07	2.94E-08	7.09E-07	1.57E-07	2.72E-07	4.31E-07	7.60E-08	4.46E-08	1.72E-06
703	498616.28, 3863193.93	0.41549	2.17E-03	2.83E-03	2.31E-03	7.53E-07	2.27E-06	1.32E-06	1.71E-06	1.55E-06	7.09E-07	5.79E-07	2.51E-08	6.07E-07	1.34E-07	2.33E-07	3.69E-07	6.51E-08	3.82E-08	1.47E-06

		Student		Worker		Park	
	X, Y	Dose	Risk	Dose	Risk	Dose	Risk
1	492865.26, 3860327.3	2.03E-07	8.59E-08	1.01E-07	3.97E-08	2.03E-07	8.59E-08
2	492865.26, 3860377.3	2.31E-07	9.81E-08	1.15E-07	4.53E-08	2.31E-07	9.81E-08
3	492865.26, 3860427.3	2.65E-07	1.12E-07	1.32E-07	5.19E-08	2.65E-07	1.12E-07
4	492915.26, 3860327.3	1.95E-07	8.29E-08	9.75E-08	3.83E-08	1.95E-07	8.29E-08
5	492915.26, 3860377.3	2.28E-07	9.66E-08	1.14E-07	4.47E-08	2.28E-07	9.66E-08
6	492915.26, 3860427.3	2.65E-07	1.12E-07	1.32E-07	5.19E-08	2.65E-07	1.12E-07
7	492965.26, 3860327.3	1.83E-07	7.76E-08	9.13E-08	3.59E-08	1.83E-07	7.76E-08
8	492965.26, 3860377.3	2.10E-07	8.90E-08	1.05E-07	4.11E-08	2.10E-07	8.90E-08
9	492965.26, 3860427.3	2.57E-07	1.09E-07	1.28E-07	5.04E-08	2.57E-07	1.09E-07
10	493015.26, 3860327.3	1.67E-07	7.07E-08	8.32E-08	3.27E-08	1.67E-07	7.07E-08
11	493015.26, 3860377.3	1.94E-07	8.21E-08	9.66E-08	3.80E-08	1.94E-07	8.21E-08
12	493015.26, 3860427.3	2.35E-07	9.98E-08	1.17E-07	4.61E-08	2.35E-07	9.98E-08
13	493065.26, 3860327.3	1.54E-07	6.54E-08	7.69E-08	3.02E-08	1.54E-07	6.54E-08
14	493065.26, 3860377.3	1.79E-07	7.61E-08	8.95E-08	3.52E-08	1.79E-07	7.61E-08
15	493065.26, 3860427.3	2.31E-07	9.80E-08	1.15E-07	4.53E-08	2.31E-07	9.80E-08
16	493065.26, 3860477.3	2.93E-07	1.24E-07	1.46E-07	5.74E-08	2.93E-07	1.24E-07
17	493115.26, 3860327.3	1.52E-07	6.45E-08	7.59E-08	2.98E-08	1.52E-07	6.45E-08
18	493115.26, 3860377.3	1.85E-07	7.85E-08	9.23E-08	3.63E-08	1.85E-07	7.85E-08
19	493115.26, 3860427.3	2.32E-07	9.85E-08	1.16E-07	4.55E-08	2.32E-07	9.85E-08
20	493115.26, 3860477.3	2.91E-07	1.24E-07	1.45E-07	5.71E-08	2.91E-07	1.24E-07
21	493165.26, 3860327.3	1.66E-07	7.05E-08	8.29E-08	3.26E-08	1.66E-07	7.05E-08
22	493165.26, 3860377.3	1.99E-07	8.45E-08	9.94E-08	3.91E-08	1.99E-07	8.45E-08
23	493165.26, 3860427.3	2.51E-07	1.07E-07	1.25E-07	4.93E-08	2.51E-07	1.07E-07
24	493165.26, 3860477.3	3.02E-07	1.28E-07	1.51E-07	5.93E-08	3.02E-07	1.28E-07
25	493215.26, 3860327.3	1.83E-07	7.76E-08	9.12E-08	3.58E-08	1.83E-07	7.76E-08
26	493215.26, 3860377.3	2.16E-07	9.18E-08	1.08E-07	4.24E-08	2.16E-07	9.18E-08
27	493215.26, 3860427.3	2.51E-07	1.06E-07	1.25E-07	4.92E-08	2.51E-07	1.06E-07
28	493215.26, 3860477.3	2.97E-07	1.26E-07	1.48E-07	5.82E-08	2.97E-07	1.26E-07
29	493265.26, 3860327.3	1.80E-07	7.65E-08	8.99E-08	3.53E-08	1.80E-07	7.65E-08
30	493265.26, 3860377.3	2.02E-07	8.57E-08	1.01E-07	3.96E-08	2.02E-07	8.57E-08
31	493265.26, 3860427.3	2.38E-07	1.01E-07	1.19E-07	4.66E-08	2.38E-07	1.01E-07
32	493265.26, 3860477.3	2.90E-07	1.23E-07	1.45E-07	5.69E-08	2.90E-07	1.23E-07
33	493265.26, 3860527.3	3.40E-07	1.44E-07	1.70E-07	6.67E-08	3.40E-07	1.44E-07
34	493315.26, 3860327.3	1.74E-07	7.37E-08	8.67E-08	3.41E-08	1.74E-07	7.37E-08
35	493315.26, 3860377.3	2.02E-07	8.55E-08	1.01E-07	3.95E-08	2.02E-07	8.55E-08
36	493315.26, 3860427.3	2.29E-07	9.73E-08	1.15E-07	4.50E-08	2.29E-07	9.73E-08
37	493315.26, 3860477.3	2.83E-07	1.20E-07	1.41E-07	5.54E-08	2.83E-07	1.20E-07
38	493315.26, 3860527.3	3.36E-07	1.42E-07	1.67E-07	6.58E-08	3.36E-07	1.42E-07
39	493365.26, 3860327.3	1.71E-07	7.28E-08	8.56E-08	3.36E-08	1.71E-07	7.28E-08
40	493365.26, 3860377.3	1.99E-07	8.45E-08	9.94E-08	3.91E-08	1.99E-07	8.45E-08
41	493365.26, 3860427.3	2.33E-07	9.89E-08	1.16E-07	4.57E-08	2.33E-07	9.89E-08
42	493365.26, 3860477.3	2.86E-07	1.21E-07	1.43E-07	5.61E-08	2.86E-07	1.21E-07
43	493365.26, 3860527.3	3.50E-07	1.49E-07	1.75E-07	6.87E-08	3.50E-07	1.49E-07
44	493651.76, 3860323.73	2.06E-07	8.76E-08	1.03E-07	4.05E-08	2.06E-07	8.76E-08
45	493651.76, 3860373.73	2.40E-07	1.02E-07	1.20E-07	4.70E-08	2.40E-07	1.02E-07
46	493651.76, 3860423.73	2.79E-07	1.18E-07	1.39E-07	5.47E-08	2.79E-07	1.18E-07
47	493651.76, 3860473.73	3.25E-07	1.38E-07	1.62E-07	6.36E-08	3.25E-07	1.38E-07
48	493651.76, 3860523.73	3.78E-07	1.61E-07	1.89E-07	7.42E-08	3.78E-07	1.61E-07
49	493651.76, 3860573.73	4.44E-07	1.88E-07	2.21E-07	8.70E-08	4.44E-07	1.88E-07
50	493651.76, 3860623.73	5.20E-07	2.21E-07	2.60E-07	1.02E-07	5.20E-07	2.21E-07
51	493701.76, 3860323.73	2.08E-07	8.84E-08	1.04E-07	4.08E-08	2.08E-07	8.84E-08
52	493701.76, 3860373.73	2.38E-07	1.01E-07	1.19E-07	4.67E-08	2.38E-07	1.01E-07
53	493701.76, 3860423.73	2.86E-07	1.21E-07	1.43E-07	5.61E-08	2.86E-07	1.21E-07
54	493701.76, 3860473.73	3.28E-07	1.39E-07	1.64E-07	6.42E-08	3.28E-07	1.39E-07
55	493701.76, 3860523.73	3.83E-07	1.62E-07	1.91E-07	7.50E-08	3.83E-07	1.62E-07
56	493701.76, 3860573.73	4.62E-07	1.96E-07	2.31E-07	9.06E-08	4.62E-07	1.96E-07

57	493701.76, 3860623.73	5.49E-07	2.33E-07	2.74E-07	1.08E-07	5.49E-07	2.33E-07
58	493701.76, 3860673.73	6.29E-07	2.67E-07	3.14E-07	1.23E-07	6.29E-07	2.67E-07
59	493751.76, 3860323.73	2.10E-07	8.90E-08	1.05E-07	4.11E-08	2.10E-07	8.90E-08
60	493751.76, 3860373.73	2.44E-07	1.03E-07	1.22E-07	4.78E-08	2.44E-07	1.03E-07
61	493751.76, 3860423.73	2.87E-07	1.22E-07	1.43E-07	5.63E-08	2.87E-07	1.22E-07
62	493751.76, 3860473.73	3.40E-07	1.44E-07	1.70E-07	6.67E-08	3.40E-07	1.44E-07
63	493751.76, 3860523.73	3.90E-07	1.66E-07	1.95E-07	7.65E-08	3.90E-07	1.66E-07
64	493751.76, 3860573.73	4.59E-07	1.95E-07	2.29E-07	9.00E-08	4.59E-07	1.95E-07
65	493751.76, 3860623.73	5.40E-07	2.29E-07	2.69E-07	1.06E-07	5.40E-07	2.29E-07
66	493801.76, 3860323.73	2.11E-07	8.95E-08	1.05E-07	4.14E-08	2.11E-07	8.95E-08
67	493801.76, 3860373.73	2.46E-07	1.04E-07	1.23E-07	4.82E-08	2.46E-07	1.04E-07
68	493801.76, 3860423.73	2.88E-07	1.22E-07	1.44E-07	5.65E-08	2.88E-07	1.22E-07
69	493801.76, 3860473.73	3.35E-07	1.42E-07	1.67E-07	6.57E-08	3.35E-07	1.42E-07
70	493801.76, 3860523.73	3.86E-07	1.64E-07	1.93E-07	7.58E-08	3.86E-07	1.64E-07
71	493801.76, 3860573.73	4.51E-07	1.91E-07	2.25E-07	8.83E-08	4.51E-07	1.91E-07
72	493801.76, 3860623.73	5.27E-07	2.24E-07	2.63E-07	1.03E-07	5.27E-07	2.24E-07
73	493851.76, 3860323.73	2.12E-07	8.98E-08	1.06E-07	4.15E-08	2.12E-07	8.98E-08
74	493851.76, 3860373.73	2.46E-07	1.04E-07	1.23E-07	4.83E-08	2.46E-07	1.04E-07
75	493851.76, 3860423.73	2.81E-07	1.19E-07	1.40E-07	5.51E-08	2.81E-07	1.19E-07
76	493851.76, 3860473.73	3.37E-07	1.43E-07	1.68E-07	6.61E-08	3.37E-07	1.43E-07
77	493851.76, 3860523.73	3.87E-07	1.64E-07	1.93E-07	7.59E-08	3.87E-07	1.64E-07
78	493851.76, 3860573.73	4.52E-07	1.92E-07	2.26E-07	8.86E-08	4.52E-07	1.92E-07
79	493851.76, 3860623.73	5.16E-07	2.19E-07	2.57E-07	1.01E-07	5.16E-07	2.19E-07
80	493901.76, 3860323.73	2.15E-07	9.14E-08	1.07E-07	4.22E-08	2.15E-07	9.14E-08
81	493901.76, 3860373.73	2.44E-07	1.03E-07	1.22E-07	4.78E-08	2.44E-07	1.03E-07
82	493901.76, 3860423.73	2.82E-07	1.20E-07	1.41E-07	5.53E-08	2.82E-07	1.20E-07
83	493901.76, 3860473.73	3.26E-07	1.38E-07	1.63E-07	6.39E-08	3.26E-07	1.38E-07
84	493901.76, 3860523.73	3.67E-07	1.56E-07	1.83E-07	7.20E-08	3.67E-07	1.56E-07
85	493901.76, 3860573.73	4.35E-07	1.85E-07	2.17E-07	8.53E-08	4.35E-07	1.85E-07
86	493901.76, 3860623.73	5.09E-07	2.16E-07	2.54E-07	9.99E-08	5.09E-07	2.16E-07
87	493951.76, 3860323.73	2.09E-07	8.87E-08	1.04E-07	4.10E-08	2.09E-07	8.87E-08
88	493951.76, 3860373.73	2.39E-07	1.02E-07	1.20E-07	4.70E-08	2.39E-07	1.02E-07
89	493951.76, 3860423.73	2.76E-07	1.17E-07	1.38E-07	5.41E-08	2.76E-07	1.17E-07
90	493951.76, 3860473.73	3.17E-07	1.35E-07	1.58E-07	6.22E-08	3.17E-07	1.35E-07
91	493951.76, 3860523.73	3.69E-07	1.57E-07	1.84E-07	7.24E-08	3.69E-07	1.57E-07
92	493951.76, 3860573.73	4.37E-07	1.85E-07	2.18E-07	8.57E-08	4.37E-07	1.85E-07
93	493951.76, 3860623.73	5.04E-07	2.14E-07	2.52E-07	9.89E-08	5.04E-07	2.14E-07
94	494001.76, 3860323.73	2.05E-07	8.70E-08	1.02E-07	4.02E-08	2.05E-07	8.70E-08
95	494001.76, 3860373.73	2.35E-07	9.96E-08	1.17E-07	4.60E-08	2.35E-07	9.96E-08
96	494001.76, 3860423.73	2.78E-07	1.18E-07	1.39E-07	5.45E-08	2.78E-07	1.18E-07
97	494001.76, 3860473.73	3.19E-07	1.35E-07	1.59E-07	6.25E-08	3.19E-07	1.35E-07
98	494001.76, 3860523.73	3.74E-07	1.59E-07	1.87E-07	7.33E-08	3.74E-07	1.59E-07
99	494001.76, 3860573.73	4.31E-07	1.83E-07	2.15E-07	8.46E-08	4.31E-07	1.83E-07
100	494001.76, 3860623.73	4.93E-07	2.09E-07	2.46E-07	9.67E-08	4.93E-07	2.09E-07
101	494001.76, 3860673.73	5.81E-07	2.47E-07	2.90E-07	1.14E-07	5.81E-07	2.47E-07
102	494051.76, 3860323.73	2.04E-07	8.65E-08	1.02E-07	4.00E-08	2.04E-07	8.65E-08
103	494051.76, 3860373.73	2.35E-07	9.97E-08	1.17E-07	4.61E-08	2.35E-07	9.97E-08
104	494051.76, 3860423.73	2.71E-07	1.15E-07	1.35E-07	5.31E-08	2.71E-07	1.15E-07
105	494051.76, 3860473.73	3.17E-07	1.34E-07	1.58E-07	6.21E-08	3.17E-07	1.34E-07
106	494169.47, 3860896.29	9.90E-07	4.20E-07	4.94E-07	1.94E-07	9.90E-07	4.20E-07
107	494169.47, 3860946.29	1.12E-06	4.74E-07	5.57E-07	2.19E-07	1.12E-06	4.74E-07
108	494169.47, 3860996.29	1.26E-06	5.36E-07	6.31E-07	2.48E-07	1.26E-06	5.36E-07
109	494169.47, 3861046.29	1.43E-06	6.08E-07	7.15E-07	2.81E-07	1.43E-06	6.08E-07
110	494407.04, 3860789.65	7.02E-07	2.98E-07	3.50E-07	1.38E-07	7.02E-07	2.98E-07
111	494407.04, 3860889.65	9.02E-07	3.83E-07	4.50E-07	1.77E-07	9.02E-07	3.83E-07
112	494407.04, 3860989.65	1.14E-06	4.85E-07	5.70E-07	2.24E-07	1.14E-06	4.85E-07
113	494407.04, 3861089.65	1.44E-06	6.12E-07	7.20E-07	2.83E-07	1.44E-06	6.12E-07
114	494507.04, 3860789.65	6.83E-07	2.90E-07	3.41E-07	1.34E-07	6.83E-07	2.90E-07
115	494507.04, 3860889.65	8.65E-07	3.67E-07	4.32E-07	1.70E-07	8.65E-07	3.67E-07
116	494507.04, 3860989.65	1.09E-06	4.62E-07	5.43E-07	2.13E-07	1.09E-06	4.62E-07

117	494507.04, 3861089.65	1.37E-06	5.83E-07	6.86E-07	2.70E-07	1.37E-06	5.83E-07
118	494507.04, 3861189.65	1.73E-06	7.33E-07	8.63E-07	3.39E-07	1.73E-06	7.33E-07
119	494607.04, 3860789.65	6.94E-07	2.95E-07	3.46E-07	1.36E-07	6.94E-07	2.95E-07
120	494607.04, 3860889.65	8.47E-07	3.60E-07	4.23E-07	1.66E-07	8.47E-07	3.60E-07
121	494607.04, 3860989.65	1.05E-06	4.47E-07	5.26E-07	2.07E-07	1.05E-06	4.47E-07
122	494607.04, 3861089.65	1.33E-06	5.65E-07	6.64E-07	2.61E-07	1.33E-06	5.65E-07
123	494607.04, 3861189.65	1.67E-06	7.08E-07	8.33E-07	3.27E-07	1.67E-06	7.08E-07
124	494707.04, 3860789.65	6.58E-07	2.79E-07	3.29E-07	1.29E-07	6.58E-07	2.79E-07
125	494707.04, 3860889.65	8.32E-07	3.53E-07	4.15E-07	1.63E-07	8.32E-07	3.53E-07
126	494707.04, 3860989.65	1.04E-06	4.42E-07	5.21E-07	2.05E-07	1.04E-06	4.42E-07
127	494707.04, 3861089.65	1.28E-06	5.44E-07	6.40E-07	2.51E-07	1.28E-06	5.44E-07
128	494707.04, 3861189.65	1.62E-06	6.87E-07	8.08E-07	3.17E-07	1.62E-06	6.87E-07
129	494807.04, 3860789.65	6.60E-07	2.80E-07	3.30E-07	1.30E-07	6.60E-07	2.80E-07
130	494807.04, 3860889.65	8.23E-07	3.49E-07	4.11E-07	1.61E-07	8.23E-07	3.49E-07
131	494807.04, 3860989.65	1.01E-06	4.28E-07	5.04E-07	1.98E-07	1.01E-06	4.28E-07
132	494807.04, 3861089.65	1.24E-06	5.27E-07	6.20E-07	2.44E-07	1.24E-06	5.27E-07
133	494807.04, 3861189.65	1.52E-06	6.45E-07	7.58E-07	2.98E-07	1.52E-06	6.45E-07
134	494807.04, 3861289.65	1.96E-06	8.33E-07	9.79E-07	3.85E-07	1.96E-06	8.33E-07
135	494907.04, 3860789.65	5.96E-07	2.53E-07	2.98E-07	1.17E-07	5.96E-07	2.53E-07
136	494907.04, 3860889.65	7.61E-07	3.23E-07	3.80E-07	1.49E-07	7.61E-07	3.23E-07
137	494907.04, 3860989.65	9.59E-07	4.07E-07	4.79E-07	1.88E-07	9.59E-07	4.07E-07
138	494907.04, 3861089.65	1.18E-06	5.02E-07	5.90E-07	2.32E-07	1.18E-06	5.02E-07
139	494907.04, 3861189.65	1.44E-06	6.09E-07	7.16E-07	2.81E-07	1.44E-06	6.09E-07
140	494907.04, 3861289.65	1.79E-06	7.59E-07	8.93E-07	3.51E-07	1.79E-06	7.59E-07
141	495007.04, 3860889.65	7.46E-07	3.17E-07	3.73E-07	1.46E-07	7.46E-07	3.17E-07
142	495007.04, 3860989.65	9.35E-07	3.97E-07	4.67E-07	1.83E-07	9.35E-07	3.97E-07
143	495007.04, 3861089.65	1.14E-06	4.84E-07	5.69E-07	2.24E-07	1.14E-06	4.84E-07
144	495007.04, 3861189.65	1.38E-06	5.87E-07	6.91E-07	2.71E-07	1.38E-06	5.87E-07
145	495007.04, 3861289.65	1.72E-06	7.28E-07	8.57E-07	3.37E-07	1.72E-06	7.28E-07
146	495107.04, 3860889.65	7.34E-07	3.12E-07	3.67E-07	1.44E-07	7.34E-07	3.12E-07
147	495107.04, 3860989.65	8.98E-07	3.81E-07	4.48E-07	1.76E-07	8.98E-07	3.81E-07
148	495107.04, 3861089.65	1.10E-06	4.68E-07	5.50E-07	2.16E-07	1.10E-06	4.68E-07
149	495107.04, 3861189.65	1.33E-06	5.64E-07	6.63E-07	2.61E-07	1.33E-06	5.64E-07
150	495107.04, 3861289.65	1.65E-06	6.98E-07	8.21E-07	3.23E-07	1.65E-06	6.98E-07
151	495207.04, 3860889.65	7.06E-07	3.00E-07	3.53E-07	1.39E-07	7.06E-07	3.00E-07
152	495207.04, 3860989.65	8.46E-07	3.59E-07	4.22E-07	1.66E-07	8.46E-07	3.59E-07
153	495207.04, 3861089.65	1.06E-06	4.50E-07	5.29E-07	2.08E-07	1.06E-06	4.50E-07
154	495207.04, 3861189.65	1.30E-06	5.50E-07	6.47E-07	2.54E-07	1.30E-06	5.50E-07
155	495207.04, 3861289.65	1.61E-06	6.84E-07	8.05E-07	3.16E-07	1.61E-06	6.84E-07
156	495207.04, 3861389.65	1.99E-06	8.42E-07	9.91E-07	3.89E-07	1.99E-06	8.42E-07
157	495307.04, 3860889.65	6.71E-07	2.85E-07	3.35E-07	1.32E-07	6.71E-07	2.85E-07
158	495307.04, 3860989.65	8.36E-07	3.55E-07	4.17E-07	1.64E-07	8.36E-07	3.55E-07
159	495307.04, 3861089.65	1.02E-06	4.34E-07	5.10E-07	2.00E-07	1.02E-06	4.34E-07
160	495307.04, 3861189.65	1.29E-06	5.46E-07	6.42E-07	2.52E-07	1.29E-06	5.46E-07
161	495307.04, 3861289.65	1.57E-06	6.66E-07	7.84E-07	3.08E-07	1.57E-06	6.66E-07
162	495307.04, 3861389.65	1.91E-06	8.10E-07	9.53E-07	3.74E-07	1.91E-06	8.10E-07
163	495407.04, 3860989.65	8.21E-07	3.48E-07	4.10E-07	1.61E-07	8.21E-07	3.48E-07
164	495407.04, 3861089.65	1.02E-06	4.31E-07	5.07E-07	1.99E-07	1.02E-06	4.31E-07
165	495407.04, 3861189.65	1.25E-06	5.29E-07	6.22E-07	2.44E-07	1.25E-06	5.29E-07
166	495407.04, 3861289.65	1.51E-06	6.41E-07	7.54E-07	2.96E-07	1.51E-06	6.41E-07
167	495407.04, 3861389.65	1.84E-06	7.80E-07	9.18E-07	3.61E-07	1.84E-06	7.80E-07
168	495507.04, 3860989.65	8.16E-07	3.46E-07	4.08E-07	1.60E-07	8.16E-07	3.46E-07
169	495507.04, 3861089.65	1.00E-06	4.25E-07	5.00E-07	1.96E-07	1.00E-06	4.25E-07
170	495507.04, 3861189.65	1.21E-06	5.11E-07	6.02E-07	2.36E-07	1.21E-06	5.11E-07
171	495507.04, 3861289.65	1.45E-06	6.13E-07	7.22E-07	2.83E-07	1.45E-06	6.13E-07
172	495507.04, 3861389.65	1.76E-06	7.47E-07	8.79E-07	3.45E-07	1.76E-06	7.47E-07
173	495507.04, 3861489.65	2.16E-06	9.17E-07	1.08E-06	4.24E-07	2.16E-06	9.17E-07
174	495607.04, 3860989.65	7.97E-07	3.38E-07	3.98E-07	1.56E-07	7.97E-07	3.38E-07
175	495607.04, 3861089.65	1.00E-06	4.26E-07	5.02E-07	1.97E-07	1.00E-06	4.26E-07
176	495607.04, 3861189.65	1.19E-06	5.04E-07	5.93E-07	2.33E-07	1.19E-06	5.04E-07

177	495607.04, 3861289.65	1.42E-06	6.01E-07	7.07E-07	2.78E-07	1.42E-06	6.01E-07
178	495607.04, 3861389.65	1.71E-06	7.26E-07	8.54E-07	3.35E-07	1.71E-06	7.26E-07
179	495607.04, 3861489.65	2.08E-06	8.82E-07	1.04E-06	4.08E-07	2.08E-06	8.82E-07
180	495707.04, 3860989.65	7.95E-07	3.37E-07	3.97E-07	1.56E-07	7.95E-07	3.37E-07
181	495707.04, 3861089.65	9.91E-07	4.21E-07	4.95E-07	1.94E-07	9.91E-07	4.21E-07
182	495707.04, 3861189.65	1.18E-06	5.02E-07	5.90E-07	2.32E-07	1.18E-06	5.02E-07
183	495707.04, 3861289.65	1.40E-06	5.93E-07	6.98E-07	2.74E-07	1.40E-06	5.93E-07
184	495707.04, 3861389.65	1.66E-06	7.06E-07	8.31E-07	3.26E-07	1.66E-06	7.06E-07
185	495707.04, 3861489.65	2.03E-06	8.62E-07	1.01E-06	3.98E-07	2.03E-06	8.62E-07
186	495807.04, 3860989.65	7.69E-07	3.26E-07	3.84E-07	1.51E-07	7.69E-07	3.26E-07
187	495807.04, 3861089.65	9.72E-07	4.12E-07	4.85E-07	1.91E-07	9.72E-07	4.12E-07
188	495807.04, 3861189.65	1.16E-06	4.93E-07	5.80E-07	2.28E-07	1.16E-06	4.93E-07
189	495807.04, 3861289.65	1.37E-06	5.82E-07	6.85E-07	2.69E-07	1.37E-06	5.82E-07
190	495807.04, 3861389.65	1.62E-06	6.88E-07	8.09E-07	3.18E-07	1.62E-06	6.88E-07
191	495807.04, 3861489.65	1.96E-06	8.34E-07	9.81E-07	3.85E-07	1.96E-06	8.34E-07
192	495907.04, 3861089.65	9.32E-07	3.95E-07	4.65E-07	1.83E-07	9.32E-07	3.95E-07
193	495907.04, 3861189.65	1.12E-06	4.76E-07	5.60E-07	2.20E-07	1.12E-06	4.76E-07
194	495907.04, 3861289.65	1.32E-06	5.62E-07	6.61E-07	2.60E-07	1.32E-06	5.62E-07
195	495907.04, 3861389.65	1.57E-06	6.64E-07	7.81E-07	3.07E-07	1.57E-06	6.64E-07
196	495907.04, 3861489.65	1.89E-06	8.02E-07	9.43E-07	3.71E-07	1.89E-06	8.02E-07
197	495907.04, 3861589.65	2.25E-06	9.56E-07	1.12E-06	4.42E-07	2.25E-06	9.56E-07
198	496007.04, 3861089.65	8.98E-07	3.81E-07	4.48E-07	1.76E-07	8.98E-07	3.81E-07
199	496007.04, 3861189.65	1.08E-06	4.57E-07	5.37E-07	2.11E-07	1.08E-06	4.57E-07
200	496007.04, 3861289.65	1.27E-06	5.39E-07	6.34E-07	2.49E-07	1.27E-06	5.39E-07
201	496007.04, 3861389.65	1.51E-06	6.39E-07	7.51E-07	2.95E-07	1.51E-06	6.39E-07
202	496007.04, 3861489.65	1.81E-06	7.66E-07	9.02E-07	3.54E-07	1.81E-06	7.66E-07
203	496007.04, 3861589.65	2.17E-06	9.19E-07	1.08E-06	4.25E-07	2.17E-06	9.19E-07
204	496107.04, 3861089.65	8.56E-07	3.63E-07	4.27E-07	1.68E-07	8.56E-07	3.63E-07
205	496107.04, 3861189.65	1.02E-06	4.33E-07	5.09E-07	2.00E-07	1.02E-06	4.33E-07
206	496107.04, 3861289.65	1.21E-06	5.13E-07	6.03E-07	2.37E-07	1.21E-06	5.13E-07
207	496107.04, 3861389.65	1.44E-06	6.12E-07	7.20E-07	2.83E-07	1.44E-06	6.12E-07
208	496107.04, 3861489.65	1.71E-06	7.27E-07	8.55E-07	3.36E-07	1.71E-06	7.27E-07
209	496107.04, 3861589.65	2.07E-06	8.80E-07	1.04E-06	4.07E-07	2.07E-06	8.80E-07
210	496207.04, 3861089.65	7.95E-07	3.37E-07	3.97E-07	1.56E-07	7.95E-07	3.37E-07
211	496207.04, 3861189.65	9.51E-07	4.03E-07	4.75E-07	1.86E-07	9.51E-07	4.03E-07
212	496207.04, 3861289.65	1.14E-06	4.84E-07	5.69E-07	2.24E-07	1.14E-06	4.84E-07
213	496207.04, 3861389.65	1.37E-06	5.83E-07	6.86E-07	2.69E-07	1.37E-06	5.83E-07
214	496207.04, 3861489.65	1.64E-06	6.96E-07	8.19E-07	3.22E-07	1.64E-06	6.96E-07
215	496207.04, 3861589.65	1.99E-06	8.44E-07	9.93E-07	3.90E-07	1.99E-06	8.44E-07
216	496207.04, 3861689.65	2.39E-06	1.01E-06	1.19E-06	4.68E-07	2.39E-06	1.01E-06
217	496307.04, 3861089.65	7.30E-07	3.10E-07	3.65E-07	1.43E-07	7.30E-07	3.10E-07
218	496307.04, 3861189.65	8.81E-07	3.74E-07	4.40E-07	1.73E-07	8.81E-07	3.74E-07
219	496307.04, 3861289.65	1.08E-06	4.58E-07	5.39E-07	2.12E-07	1.08E-06	4.58E-07
220	496307.04, 3861389.65	1.32E-06	5.59E-07	6.58E-07	2.58E-07	1.32E-06	5.59E-07
221	496307.04, 3861489.65	1.58E-06	6.72E-07	7.91E-07	3.11E-07	1.58E-06	6.72E-07
222	496307.04, 3861589.65	1.89E-06	8.02E-07	9.44E-07	3.71E-07	1.89E-06	8.02E-07
223	496307.04, 3861689.65	2.28E-06	9.66E-07	1.14E-06	4.46E-07	2.28E-06	9.66E-07
224	496407.04, 3861089.65	6.82E-07	2.89E-07	3.40E-07	1.34E-07	6.82E-07	2.89E-07
225	496407.04, 3861189.65	8.38E-07	3.55E-07	4.18E-07	1.64E-07	8.38E-07	3.55E-07
226	496407.04, 3861289.65	1.05E-06	4.44E-07	5.22E-07	2.05E-07	1.05E-06	4.44E-07
227	496407.04, 3861389.65	1.27E-06	5.38E-07	6.33E-07	2.49E-07	1.27E-06	5.38E-07
228	496407.04, 3861489.65	1.51E-06	6.41E-07	7.54E-07	2.96E-07	1.51E-06	6.41E-07
229	496407.04, 3861589.65	1.80E-06	7.63E-07	8.98E-07	3.53E-07	1.80E-06	7.63E-07
230	496407.04, 3861689.65	2.17E-06	9.20E-07	1.08E-06	4.25E-07	2.17E-06	9.20E-07
231	496507.04, 3861289.65	9.93E-07	4.22E-07	4.96E-07	1.95E-07	9.93E-07	4.22E-07
232	496507.04, 3861389.65	1.20E-06	5.10E-07	6.00E-07	2.36E-07	1.20E-06	5.10E-07
233	496507.04, 3861489.65	1.43E-06	6.08E-07	7.16E-07	2.81E-07	1.43E-06	6.08E-07
234	496507.04, 3861589.65	1.70E-06	7.23E-07	8.51E-07	3.34E-07	1.70E-06	7.23E-07
235	496507.04, 3861689.65	2.02E-06	8.59E-07	1.01E-06	3.97E-07	2.02E-06	8.59E-07
236	496607.04, 3861289.65	9.18E-07	3.89E-07	4.58E-07	1.80E-07	9.18E-07	3.89E-07

237	496607.04, 3861389.65	1.11E-06	4.73E-07	5.56E-07	2.19E-07	1.11E-06	4.73E-07
238	496607.04, 3861489.65	1.34E-06	5.67E-07	6.66E-07	2.62E-07	1.34E-06	5.67E-07
239	496607.04, 3861589.65	1.59E-06	6.76E-07	7.95E-07	3.12E-07	1.59E-06	6.76E-07
240	496607.04, 3861689.65	1.89E-06	8.03E-07	9.45E-07	3.71E-07	1.89E-06	8.03E-07
241	496607.04, 3861789.65	2.14E-06	9.09E-07	1.07E-06	4.20E-07	2.14E-06	9.09E-07
242	496707.04, 3861289.65	8.40E-07	3.56E-07	4.19E-07	1.65E-07	8.40E-07	3.56E-07
243	496707.04, 3861389.65	1.03E-06	4.36E-07	5.13E-07	2.02E-07	1.03E-06	4.36E-07
244	496707.04, 3861489.65	1.23E-06	5.21E-07	6.12E-07	2.41E-07	1.23E-06	5.21E-07
245	496707.04, 3861589.65	1.48E-06	6.28E-07	7.39E-07	2.90E-07	1.48E-06	6.28E-07
246	496707.04, 3861689.65	1.73E-06	7.33E-07	8.63E-07	3.39E-07	1.73E-06	7.33E-07
247	496707.04, 3861789.65	1.69E-06	7.16E-07	8.42E-07	3.31E-07	1.69E-06	7.16E-07
248	496807.04, 3861289.65	7.74E-07	3.28E-07	3.86E-07	1.52E-07	7.74E-07	3.28E-07
249	496807.04, 3861389.65	9.37E-07	3.97E-07	4.68E-07	1.84E-07	9.37E-07	3.97E-07
250	496807.04, 3861489.65	1.15E-06	4.86E-07	5.72E-07	2.25E-07	1.15E-06	4.86E-07
251	496807.04, 3861589.65	1.37E-06	5.80E-07	6.82E-07	2.68E-07	1.37E-06	5.80E-07
252	496807.04, 3861689.65	1.53E-06	6.49E-07	7.63E-07	3.00E-07	1.53E-06	6.49E-07
253	496807.04, 3861789.65	1.39E-06	5.88E-07	6.92E-07	2.72E-07	1.39E-06	5.88E-07
254	496907.04, 3861389.65	8.69E-07	3.69E-07	4.34E-07	1.70E-07	8.69E-07	3.69E-07
255	496907.04, 3861489.65	1.06E-06	4.49E-07	5.28E-07	2.08E-07	1.06E-06	4.49E-07
256	496907.04, 3861589.65	1.25E-06	5.29E-07	6.23E-07	2.45E-07	1.25E-06	5.29E-07
257	496907.04, 3861689.65	1.35E-06	5.73E-07	6.74E-07	2.65E-07	1.35E-06	5.73E-07
258	496907.04, 3861789.65	1.43E-06	6.08E-07	7.15E-07	2.81E-07	1.43E-06	6.08E-07
259	496907.04, 3861889.65	1.15E-06	4.90E-07	5.76E-07	2.26E-07	1.15E-06	4.90E-07
260	497007.04, 3861389.65	8.18E-07	3.47E-07	4.08E-07	1.60E-07	8.18E-07	3.47E-07
261	497007.04, 3861489.65	9.43E-07	4.00E-07	4.70E-07	1.85E-07	9.43E-07	4.00E-07
262	497007.04, 3861589.65	1.12E-06	4.77E-07	5.61E-07	2.20E-07	1.12E-06	4.77E-07
263	497007.04, 3861689.65	1.23E-06	5.22E-07	6.14E-07	2.41E-07	1.23E-06	5.22E-07
264	497007.04, 3861789.65	1.23E-06	5.23E-07	6.15E-07	2.41E-07	1.23E-06	5.23E-07
265	497007.04, 3861889.65	1.05E-06	4.47E-07	5.26E-07	2.07E-07	1.05E-06	4.47E-07
266	497107.04, 3861389.65	6.81E-07	2.89E-07	3.40E-07	1.34E-07	6.81E-07	2.89E-07
267	497107.04, 3861489.65	8.56E-07	3.63E-07	4.27E-07	1.68E-07	8.56E-07	3.63E-07
268	497107.04, 3861589.65	9.70E-07	4.11E-07	4.84E-07	1.90E-07	9.70E-07	4.11E-07
269	497107.04, 3861689.65	1.20E-06	5.09E-07	5.99E-07	2.35E-07	1.20E-06	5.09E-07
270	497107.04, 3861789.65	1.34E-06	5.67E-07	6.67E-07	2.62E-07	1.34E-06	5.67E-07
271	497107.04, 3861889.65	1.17E-06	4.96E-07	5.83E-07	2.29E-07	1.17E-06	4.96E-07
272	497207.04, 3861389.65	7.00E-07	2.97E-07	3.50E-07	1.37E-07	7.00E-07	2.97E-07
273	497207.04, 3861489.65	8.46E-07	3.59E-07	4.22E-07	1.66E-07	8.46E-07	3.59E-07
274	497207.04, 3861589.65	9.10E-07	3.86E-07	4.54E-07	1.78E-07	9.10E-07	3.86E-07
275	497207.04, 3861689.65	1.14E-06	4.85E-07	5.70E-07	2.24E-07	1.14E-06	4.85E-07
276	497207.04, 3861789.65	1.45E-06	6.17E-07	7.25E-07	2.85E-07	1.45E-06	6.17E-07
277	497207.04, 3861889.65	1.47E-06	6.22E-07	7.31E-07	2.87E-07	1.47E-06	6.22E-07
278	497307.04, 3861489.65	9.18E-07	3.89E-07	4.58E-07	1.80E-07	9.18E-07	3.89E-07
279	497307.04, 3861589.65	1.07E-06	4.55E-07	5.35E-07	2.10E-07	1.07E-06	4.55E-07
280	497307.04, 3861689.65	1.30E-06	5.52E-07	6.49E-07	2.55E-07	1.30E-06	5.52E-07
281	497307.04, 3861789.65	1.58E-06	6.68E-07	7.86E-07	3.09E-07	1.58E-06	6.68E-07
282	497307.04, 3861889.65	1.60E-06	6.79E-07	7.99E-07	3.14E-07	1.60E-06	6.79E-07
283	497307.04, 3861989.65	1.68E-06	7.14E-07	8.40E-07	3.30E-07	1.68E-06	7.14E-07
284	497307.04, 3862089.65	1.48E-06	6.28E-07	7.38E-07	2.90E-07	1.48E-06	6.28E-07
285	497407.04, 3861489.65	9.12E-07	3.87E-07	4.55E-07	1.79E-07	9.12E-07	3.87E-07
286	497407.04, 3861589.65	1.08E-06	4.59E-07	5.40E-07	2.12E-07	1.08E-06	4.59E-07
287	497407.04, 3861689.65	1.30E-06	5.53E-07	6.50E-07	2.55E-07	1.30E-06	5.53E-07
288	497407.04, 3861789.65	1.60E-06	6.78E-07	7.98E-07	3.13E-07	1.60E-06	6.78E-07
289	497407.04, 3861889.65	1.82E-06	7.74E-07	9.10E-07	3.58E-07	1.82E-06	7.74E-07
290	497407.04, 3861989.65	2.16E-06	9.16E-07	1.08E-06	4.23E-07	2.16E-06	9.16E-07
291	497407.04, 3862089.65	1.94E-06	8.22E-07	9.67E-07	3.80E-07	1.94E-06	8.22E-07
292	497407.04, 3862189.65	3.84E-06	1.63E-06	1.91E-06	7.52E-07	3.84E-06	1.63E-06
293	497507.04, 3861489.65	8.89E-07	3.77E-07	4.44E-07	1.74E-07	8.89E-07	3.77E-07
294	497507.04, 3861589.65	1.07E-06	4.54E-07	5.35E-07	2.10E-07	1.07E-06	4.54E-07
295	497507.04, 3861689.65	1.29E-06	5.47E-07	6.43E-07	2.53E-07	1.29E-06	5.47E-07
296	497507.04, 3861789.65	1.57E-06	6.67E-07	7.85E-07	3.08E-07	1.57E-06	6.67E-07

297	497507.04, 3861889.65	1.90E-06	8.07E-07	9.49E-07	3.73E-07	1.90E-06	8.07E-07
298	497507.04, 3861989.65	2.32E-06	9.83E-07	1.16E-06	4.54E-07	2.32E-06	9.83E-07
299	497507.04, 3862089.65	2.90E-06	1.23E-06	1.45E-06	5.68E-07	2.90E-06	1.23E-06
300	497607.04, 3861489.65	8.82E-07	3.74E-07	4.40E-07	1.73E-07	8.82E-07	3.74E-07
301	497607.04, 3861589.65	1.06E-06	4.49E-07	5.28E-07	2.07E-07	1.06E-06	4.49E-07
302	497607.04, 3861689.65	1.28E-06	5.42E-07	6.38E-07	2.51E-07	1.28E-06	5.42E-07
303	497607.04, 3861789.65	1.54E-06	6.54E-07	7.70E-07	3.02E-07	1.54E-06	6.54E-07
304	497607.04, 3861889.65	1.87E-06	7.93E-07	9.33E-07	3.67E-07	1.87E-06	7.93E-07
305	497607.04, 3861989.65	2.26E-06	9.60E-07	1.13E-06	4.44E-07	2.26E-06	9.60E-07
306	497607.04, 3862089.65	2.86E-06	1.21E-06	1.43E-06	5.61E-07	2.86E-06	1.21E-06
307	497607.04, 3862189.65	3.83E-06	1.62E-06	1.91E-06	7.51E-07	3.83E-06	1.62E-06
308	497707.04, 3861489.65	8.30E-07	3.52E-07	4.14E-07	1.63E-07	8.30E-07	3.52E-07
309	497707.04, 3861589.65	1.01E-06	4.28E-07	5.04E-07	1.98E-07	1.01E-06	4.28E-07
310	497707.04, 3861689.65	1.25E-06	5.29E-07	6.22E-07	2.44E-07	1.25E-06	5.29E-07
311	497707.04, 3861789.65	1.53E-06	6.49E-07	7.64E-07	3.00E-07	1.53E-06	6.49E-07
312	497707.04, 3861889.65	1.80E-06	7.62E-07	8.96E-07	3.52E-07	1.80E-06	7.62E-07
313	497707.04, 3861989.65	1.82E-06	7.71E-07	9.07E-07	3.56E-07	1.82E-06	7.71E-07
314	497707.04, 3862089.65	2.83E-06	1.20E-06	1.41E-06	5.56E-07	2.83E-06	1.20E-06
315	497707.04, 3862189.65	3.83E-06	1.62E-06	1.91E-06	7.51E-07	3.83E-06	1.62E-06
316	497807.04, 3861489.65	8.20E-07	3.48E-07	4.09E-07	1.61E-07	8.20E-07	3.48E-07
317	497807.04, 3861589.65	9.95E-07	4.22E-07	4.96E-07	1.95E-07	9.95E-07	4.22E-07
318	497807.04, 3861689.65	1.22E-06	5.16E-07	6.07E-07	2.38E-07	1.22E-06	5.16E-07
319	497807.04, 3861789.65	1.48E-06	6.29E-07	7.39E-07	2.90E-07	1.48E-06	6.29E-07
320	497807.04, 3861889.65	1.77E-06	7.51E-07	8.83E-07	3.47E-07	1.77E-06	7.51E-07
321	497807.04, 3861989.65	2.17E-06	9.22E-07	1.08E-06	4.26E-07	2.17E-06	9.22E-07
322	497807.04, 3862089.65	2.82E-06	1.20E-06	1.41E-06	5.53E-07	2.82E-06	1.20E-06
323	497907.04, 3861489.65	8.13E-07	3.45E-07	4.06E-07	1.59E-07	8.13E-07	3.45E-07
324	497907.04, 3861589.65	9.74E-07	4.13E-07	4.86E-07	1.91E-07	9.74E-07	4.13E-07
325	497907.04, 3861689.65	1.18E-06	4.99E-07	5.87E-07	2.31E-07	1.18E-06	4.99E-07
326	497907.04, 3861789.65	1.43E-06	6.08E-07	7.16E-07	2.81E-07	1.43E-06	6.08E-07
327	497907.04, 3861889.65	1.72E-06	7.30E-07	8.59E-07	3.37E-07	1.72E-06	7.30E-07
328	497907.04, 3861989.65	2.08E-06	8.84E-07	1.04E-06	4.09E-07	2.08E-06	8.84E-07
329	497907.04, 3862089.65	2.88E-06	1.22E-06	1.44E-06	5.65E-07	2.88E-06	1.22E-06
330	498007.04, 3861489.65	8.09E-07	3.43E-07	4.04E-07	1.59E-07	8.09E-07	3.43E-07
331	498007.04, 3861589.65	1.00E-06	4.25E-07	5.00E-07	1.96E-07	1.00E-06	4.25E-07
332	498007.04, 3861689.65	1.21E-06	5.14E-07	6.05E-07	2.38E-07	1.21E-06	5.14E-07
333	498007.04, 3861789.65	1.46E-06	6.21E-07	7.30E-07	2.87E-07	1.46E-06	6.21E-07
334	498007.04, 3861889.65	1.77E-06	7.51E-07	8.84E-07	3.47E-07	1.77E-06	7.51E-07
335	498007.04, 3861989.65	2.18E-06	9.24E-07	1.09E-06	4.27E-07	2.18E-06	9.24E-07
336	498007.04, 3862089.65	2.84E-06	1.20E-06	1.42E-06	5.56E-07	2.84E-06	1.20E-06
337	498107.04, 3861489.65	8.45E-07	3.59E-07	4.22E-07	1.66E-07	8.45E-07	3.59E-07
338	498107.04, 3861589.65	1.00E-06	4.26E-07	5.01E-07	1.97E-07	1.00E-06	4.26E-07
339	498107.04, 3861689.65	1.19E-06	5.04E-07	5.93E-07	2.33E-07	1.19E-06	5.04E-07
340	498107.04, 3861789.65	1.43E-06	6.06E-07	7.13E-07	2.80E-07	1.43E-06	6.06E-07
341	498107.04, 3861889.65	1.74E-06	7.37E-07	8.67E-07	3.41E-07	1.74E-06	7.37E-07
342	498107.04, 3861989.65	2.15E-06	9.14E-07	1.08E-06	4.22E-07	2.15E-06	9.14E-07
343	498107.04, 3862089.65	2.86E-06	1.21E-06	1.43E-06	5.60E-07	2.86E-06	1.21E-06
344	498207.04, 3861489.65	8.28E-07	3.51E-07	4.13E-07	1.62E-07	8.28E-07	3.51E-07
345	498207.04, 3861589.65	9.70E-07	4.11E-07	4.84E-07	1.90E-07	9.70E-07	4.11E-07
346	498207.04, 3861689.65	1.15E-06	4.87E-07	5.73E-07	2.25E-07	1.15E-06	4.87E-07
347	498207.04, 3861789.65	1.39E-06	5.89E-07	6.93E-07	2.72E-07	1.39E-06	5.89E-07
348	498207.04, 3861889.65	1.69E-06	7.19E-07	8.46E-07	3.32E-07	1.69E-06	7.19E-07
349	498207.04, 3861989.65	2.13E-06	9.03E-07	1.06E-06	4.17E-07	2.13E-06	9.03E-07
350	498207.04, 3862089.65	2.80E-06	1.19E-06	1.40E-06	5.49E-07	2.80E-06	1.19E-06
351	498307.04, 3861489.65	7.42E-07	3.15E-07	3.71E-07	1.46E-07	7.42E-07	3.15E-07
352	498307.04, 3861589.65	8.97E-07	3.81E-07	4.48E-07	1.76E-07	8.97E-07	3.81E-07
353	498307.04, 3861689.65	1.09E-06	4.62E-07	5.44E-07	2.14E-07	1.09E-06	4.62E-07
354	498307.04, 3861789.65	1.33E-06	5.66E-07	6.65E-07	2.61E-07	1.33E-06	5.66E-07
355	498307.04, 3861889.65	1.66E-06	7.05E-07	8.30E-07	3.26E-07	1.66E-06	7.05E-07
356	498307.04, 3861989.65	2.09E-06	8.87E-07	1.04E-06	4.10E-07	2.09E-06	8.87E-07

357	498307.04, 3862089.65	2.85E-06	1.21E-06	1.42E-06	5.59E-07	2.85E-06	1.21E-06
358	498407.04, 3861489.65	7.45E-07	3.16E-07	3.72E-07	1.46E-07	7.45E-07	3.16E-07
359	498407.04, 3861589.65	8.81E-07	3.74E-07	4.40E-07	1.73E-07	8.81E-07	3.74E-07
360	498407.04, 3861689.65	1.07E-06	4.53E-07	5.33E-07	2.09E-07	1.07E-06	4.53E-07
361	498407.04, 3861789.65	1.30E-06	5.51E-07	6.48E-07	2.55E-07	1.30E-06	5.51E-07
362	498407.04, 3861889.65	1.66E-06	7.05E-07	8.29E-07	3.26E-07	1.66E-06	7.05E-07
363	498407.04, 3861989.65	2.09E-06	8.86E-07	1.04E-06	4.09E-07	2.09E-06	8.86E-07
364	498407.04, 3862089.65	2.91E-06	1.23E-06	1.45E-06	5.70E-07	2.91E-06	1.23E-06
365	498507.04, 3861489.65	7.09E-07	3.01E-07	3.54E-07	1.39E-07	7.09E-07	3.01E-07
366	498507.04, 3861589.65	8.44E-07	3.58E-07	4.21E-07	1.66E-07	8.44E-07	3.58E-07
367	498507.04, 3861689.65	1.03E-06	4.38E-07	5.16E-07	2.03E-07	1.03E-06	4.38E-07
368	498507.04, 3861789.65	1.24E-06	5.26E-07	6.19E-07	2.43E-07	1.24E-06	5.26E-07
369	498507.04, 3861889.65	1.55E-06	6.57E-07	7.73E-07	3.04E-07	1.55E-06	6.57E-07
370	498507.04, 3861989.65	2.03E-06	8.61E-07	1.01E-06	3.98E-07	2.03E-06	8.61E-07
371	498507.04, 3862089.65	3.07E-06	1.30E-06	1.53E-06	6.02E-07	3.07E-06	1.30E-06
372	493116.28, 3862593.93	4.31E-07	1.83E-07	2.15E-07	8.44E-08	4.31E-07	1.83E-07
373	493216.28, 3862493.93	4.90E-07	2.08E-07	2.44E-07	9.60E-08	4.90E-07	2.08E-07
374	493216.28, 3862593.93	4.50E-07	1.91E-07	2.25E-07	8.82E-08	4.50E-07	1.91E-07
375	493316.28, 3862293.93	6.27E-07	2.66E-07	3.13E-07	1.23E-07	6.27E-07	2.66E-07
376	493316.28, 3862393.93	5.62E-07	2.38E-07	2.81E-07	1.10E-07	5.62E-07	2.38E-07
377	493316.28, 3862493.93	5.09E-07	2.16E-07	2.54E-07	9.99E-08	5.09E-07	2.16E-07
378	493316.28, 3862593.93	4.67E-07	1.98E-07	2.33E-07	9.16E-08	4.67E-07	1.98E-07
379	493416.28, 3862093.93	8.50E-07	3.61E-07	4.24E-07	1.67E-07	8.50E-07	3.61E-07
380	493416.28, 3862193.93	7.45E-07	3.16E-07	3.72E-07	1.46E-07	7.45E-07	3.16E-07
381	493416.28, 3862293.93	6.59E-07	2.80E-07	3.29E-07	1.29E-07	6.59E-07	2.80E-07
382	493416.28, 3862393.93	5.89E-07	2.50E-07	2.94E-07	1.15E-07	5.89E-07	2.50E-07
383	493416.28, 3862493.93	5.32E-07	2.26E-07	2.65E-07	1.04E-07	5.32E-07	2.26E-07
384	493416.28, 3862593.93	4.86E-07	2.06E-07	2.43E-07	9.53E-08	4.86E-07	2.06E-07
385	493516.28, 3862193.93	7.84E-07	3.33E-07	3.91E-07	1.54E-07	7.84E-07	3.33E-07
386	493516.28, 3862293.93	6.93E-07	2.94E-07	3.46E-07	1.36E-07	6.93E-07	2.94E-07
387	493516.28, 3862393.93	6.17E-07	2.62E-07	3.08E-07	1.21E-07	6.17E-07	2.62E-07
388	493516.28, 3862493.93	5.55E-07	2.36E-07	2.77E-07	1.09E-07	5.55E-07	2.36E-07
389	493516.28, 3862593.93	5.06E-07	2.15E-07	2.52E-07	9.92E-08	5.06E-07	2.15E-07
390	493616.28, 3862193.93	8.27E-07	3.51E-07	4.13E-07	1.62E-07	8.27E-07	3.51E-07
391	493616.28, 3862293.93	7.28E-07	3.09E-07	3.63E-07	1.43E-07	7.28E-07	3.09E-07
392	493616.28, 3862393.93	6.46E-07	2.74E-07	3.22E-07	1.27E-07	6.46E-07	2.74E-07
393	493616.28, 3862493.93	5.79E-07	2.46E-07	2.89E-07	1.14E-07	5.79E-07	2.46E-07
394	493616.28, 3862593.93	5.26E-07	2.23E-07	2.63E-07	1.03E-07	5.26E-07	2.23E-07
395	493716.28, 3862193.93	8.74E-07	3.71E-07	4.36E-07	1.71E-07	8.74E-07	3.71E-07
396	493716.28, 3862293.93	7.65E-07	3.25E-07	3.82E-07	1.50E-07	7.65E-07	3.25E-07
397	493716.28, 3862393.93	6.70E-07	2.84E-07	3.35E-07	1.31E-07	6.70E-07	2.84E-07
398	493716.28, 3862493.93	5.96E-07	2.53E-07	2.98E-07	1.17E-07	5.96E-07	2.53E-07
399	493716.28, 3862593.93	5.47E-07	2.32E-07	2.73E-07	1.07E-07	5.47E-07	2.32E-07
400	493716.28, 3862693.93	5.01E-07	2.13E-07	2.50E-07	9.82E-08	5.01E-07	2.13E-07
401	493716.28, 3862793.93	4.58E-07	1.94E-07	2.28E-07	8.97E-08	4.58E-07	1.94E-07
402	493816.28, 3862193.93	9.22E-07	3.91E-07	4.60E-07	1.81E-07	9.22E-07	3.91E-07
403	493816.28, 3862293.93	8.04E-07	3.41E-07	4.01E-07	1.58E-07	8.04E-07	3.41E-07
404	493816.28, 3862393.93	7.08E-07	3.00E-07	3.53E-07	1.39E-07	7.08E-07	3.00E-07
405	493816.28, 3862493.93	6.31E-07	2.68E-07	3.15E-07	1.24E-07	6.31E-07	2.68E-07
406	493816.28, 3862593.93	5.70E-07	2.42E-07	2.84E-07	1.12E-07	5.70E-07	2.42E-07
407	493816.28, 3862693.93	5.20E-07	2.21E-07	2.60E-07	1.02E-07	5.20E-07	2.21E-07
408	493916.28, 3862193.93	9.73E-07	4.13E-07	4.86E-07	1.91E-07	9.73E-07	4.13E-07
409	493916.28, 3862293.93	8.45E-07	3.58E-07	4.22E-07	1.66E-07	8.45E-07	3.58E-07
410	493916.28, 3862393.93	7.41E-07	3.15E-07	3.70E-07	1.45E-07	7.41E-07	3.15E-07
411	493916.28, 3862493.93	6.58E-07	2.79E-07	3.29E-07	1.29E-07	6.58E-07	2.79E-07
412	493916.28, 3862593.93	5.93E-07	2.52E-07	2.96E-07	1.16E-07	5.93E-07	2.52E-07
413	493916.28, 3862693.93	5.40E-07	2.29E-07	2.70E-07	1.06E-07	5.40E-07	2.29E-07
414	494016.28, 3862293.93	8.88E-07	3.77E-07	4.43E-07	1.74E-07	8.88E-07	3.77E-07
415	494016.28, 3862393.93	7.76E-07	3.29E-07	3.87E-07	1.52E-07	7.76E-07	3.29E-07
416	494016.28, 3862493.93	6.87E-07	2.92E-07	3.43E-07	1.35E-07	6.87E-07	2.92E-07

417	494016.28, 3862593.93	6.17E-07	2.62E-07	3.08E-07	1.21E-07	6.17E-07	2.62E-07
418	494016.28, 3862693.93	5.60E-07	2.38E-07	2.80E-07	1.10E-07	5.60E-07	2.38E-07
419	494116.28, 3862293.93	9.32E-07	3.96E-07	4.65E-07	1.83E-07	9.32E-07	3.96E-07
420	494116.28, 3862393.93	8.12E-07	3.45E-07	4.05E-07	1.59E-07	8.12E-07	3.45E-07
421	494116.28, 3862493.93	7.17E-07	3.04E-07	3.58E-07	1.41E-07	7.17E-07	3.04E-07
422	494116.28, 3862593.93	6.42E-07	2.72E-07	3.21E-07	1.26E-07	6.42E-07	2.72E-07
423	494116.28, 3862693.93	5.82E-07	2.47E-07	2.90E-07	1.14E-07	5.82E-07	2.47E-07
424	494216.28, 3862293.93	9.81E-07	4.16E-07	4.90E-07	1.92E-07	9.81E-07	4.16E-07
425	494216.28, 3862393.93	8.50E-07	3.61E-07	4.24E-07	1.67E-07	8.50E-07	3.61E-07
426	494216.28, 3862493.93	7.48E-07	3.17E-07	3.73E-07	1.47E-07	7.48E-07	3.17E-07
427	494216.28, 3862593.93	6.68E-07	2.84E-07	3.34E-07	1.31E-07	6.68E-07	2.84E-07
428	494216.28, 3862693.93	6.04E-07	2.56E-07	3.01E-07	1.18E-07	6.04E-07	2.56E-07
429	494316.28, 3862293.93	1.03E-06	4.39E-07	5.16E-07	2.03E-07	1.03E-06	4.39E-07
430	494316.28, 3862393.93	8.91E-07	3.78E-07	4.45E-07	1.75E-07	8.91E-07	3.78E-07
431	494316.28, 3862493.93	7.81E-07	3.31E-07	3.90E-07	1.53E-07	7.81E-07	3.31E-07
432	494316.28, 3862593.93	6.95E-07	2.95E-07	3.47E-07	1.36E-07	6.95E-07	2.95E-07
433	494316.28, 3862693.93	6.27E-07	2.66E-07	3.13E-07	1.23E-07	6.27E-07	2.66E-07
434	494416.28, 3862293.93	1.09E-06	4.63E-07	5.45E-07	2.14E-07	1.09E-06	4.63E-07
435	494416.28, 3862393.93	9.33E-07	3.96E-07	4.66E-07	1.83E-07	9.33E-07	3.96E-07
436	494416.28, 3862493.93	8.14E-07	3.46E-07	4.06E-07	1.60E-07	8.14E-07	3.46E-07
437	494416.28, 3862593.93	7.23E-07	3.07E-07	3.61E-07	1.42E-07	7.23E-07	3.07E-07
438	494416.28, 3862693.93	6.50E-07	2.76E-07	3.25E-07	1.28E-07	6.50E-07	2.76E-07
439	494516.28, 3862293.93	1.15E-06	4.90E-07	5.76E-07	2.26E-07	1.15E-06	4.90E-07
440	494516.28, 3862393.93	9.80E-07	4.16E-07	4.89E-07	1.92E-07	9.80E-07	4.16E-07
441	494516.28, 3862493.93	8.50E-07	3.61E-07	4.25E-07	1.67E-07	8.50E-07	3.61E-07
442	494516.28, 3862593.93	7.52E-07	3.19E-07	3.75E-07	1.47E-07	7.52E-07	3.19E-07
443	494516.28, 3862693.93	6.74E-07	2.86E-07	3.37E-07	1.32E-07	6.74E-07	2.86E-07
444	494516.28, 3862793.93	6.09E-07	2.59E-07	3.04E-07	1.19E-07	6.09E-07	2.59E-07
445	494516.28, 3862893.93	5.52E-07	2.34E-07	2.75E-07	1.08E-07	5.52E-07	2.34E-07
446	494516.28, 3862993.93	4.88E-07	2.07E-07	2.44E-07	9.57E-08	4.88E-07	2.07E-07
447	494616.28, 3862393.93	1.03E-06	4.37E-07	5.15E-07	2.02E-07	1.03E-06	4.37E-07
448	494616.28, 3862493.93	8.89E-07	3.77E-07	4.44E-07	1.74E-07	8.89E-07	3.77E-07
449	494616.28, 3862593.93	7.83E-07	3.32E-07	3.91E-07	1.54E-07	7.83E-07	3.32E-07
450	494616.28, 3862693.93	7.00E-07	2.97E-07	3.49E-07	1.37E-07	7.00E-07	2.97E-07
451	494616.28, 3862793.93	6.30E-07	2.67E-07	3.15E-07	1.24E-07	6.30E-07	2.67E-07
452	494616.28, 3862893.93	5.69E-07	2.42E-07	2.84E-07	1.12E-07	5.69E-07	2.42E-07
453	494616.28, 3862993.93	5.13E-07	2.18E-07	2.56E-07	1.01E-07	5.13E-07	2.18E-07
454	494716.28, 3862393.93	1.09E-06	4.62E-07	5.43E-07	2.13E-07	1.09E-06	4.62E-07
455	494716.28, 3862493.93	9.31E-07	3.95E-07	4.65E-07	1.83E-07	9.31E-07	3.95E-07
456	494716.28, 3862593.93	8.16E-07	3.46E-07	4.07E-07	1.60E-07	8.16E-07	3.46E-07
457	494716.28, 3862693.93	7.25E-07	3.08E-07	3.62E-07	1.42E-07	7.25E-07	3.08E-07
458	494716.28, 3862793.93	6.52E-07	2.77E-07	3.26E-07	1.28E-07	6.52E-07	2.77E-07
459	494716.28, 3862893.93	5.88E-07	2.49E-07	2.93E-07	1.15E-07	5.88E-07	2.49E-07
460	494716.28, 3862993.93	5.30E-07	2.25E-07	2.64E-07	1.04E-07	5.30E-07	2.25E-07
461	494816.28, 3862393.93	1.15E-06	4.88E-07	5.74E-07	2.25E-07	1.15E-06	4.88E-07
462	494816.28, 3862493.93	9.77E-07	4.14E-07	4.88E-07	1.92E-07	9.77E-07	4.14E-07
463	494816.28, 3862593.93	8.51E-07	3.61E-07	4.25E-07	1.67E-07	8.51E-07	3.61E-07
464	494816.28, 3862693.93	7.54E-07	3.20E-07	3.76E-07	1.48E-07	7.54E-07	3.20E-07
465	494816.28, 3862793.93	6.75E-07	2.86E-07	3.37E-07	1.32E-07	6.75E-07	2.86E-07
466	494816.28, 3862893.93	6.07E-07	2.58E-07	3.03E-07	1.19E-07	6.07E-07	2.58E-07
467	494816.28, 3862993.93	5.48E-07	2.32E-07	2.73E-07	1.07E-07	5.48E-07	2.32E-07
468	494916.28, 3862393.93	1.21E-06	5.14E-07	6.05E-07	2.38E-07	1.21E-06	5.14E-07
469	494916.28, 3862493.93	1.03E-06	4.36E-07	5.12E-07	2.01E-07	1.03E-06	4.36E-07
470	494916.28, 3862593.93	8.89E-07	3.77E-07	4.44E-07	1.74E-07	8.89E-07	3.77E-07
471	494916.28, 3862693.93	7.83E-07	3.32E-07	3.91E-07	1.54E-07	7.83E-07	3.32E-07
472	494916.28, 3862793.93	6.98E-07	2.96E-07	3.48E-07	1.37E-07	6.98E-07	2.96E-07
473	494916.28, 3862893.93	6.27E-07	2.66E-07	3.13E-07	1.23E-07	6.27E-07	2.66E-07
474	494916.28, 3862993.93	5.67E-07	2.41E-07	2.83E-07	1.11E-07	5.67E-07	2.41E-07
475	495016.28, 3862393.93	1.28E-06	5.42E-07	6.38E-07	2.51E-07	1.28E-06	5.42E-07
476	495016.28, 3862493.93	1.08E-06	4.57E-07	5.38E-07	2.11E-07	1.08E-06	4.57E-07

477	495016.28, 3862593.93	9.27E-07	3.93E-07	4.63E-07	1.82E-07	9.27E-07	3.93E-07
478	495016.28, 3862693.93	8.15E-07	3.46E-07	4.07E-07	1.60E-07	8.15E-07	3.46E-07
479	495016.28, 3862793.93	7.23E-07	3.07E-07	3.61E-07	1.42E-07	7.23E-07	3.07E-07
480	495016.28, 3862893.93	6.47E-07	2.75E-07	3.23E-07	1.27E-07	6.47E-07	2.75E-07
481	495016.28, 3862993.93	5.84E-07	2.48E-07	2.92E-07	1.15E-07	5.84E-07	2.48E-07
482	495116.28, 3862493.93	1.13E-06	4.80E-07	5.64E-07	2.22E-07	1.13E-06	4.80E-07
483	495116.28, 3862593.93	9.71E-07	4.12E-07	4.85E-07	1.90E-07	9.71E-07	4.12E-07
484	495116.28, 3862693.93	8.49E-07	3.60E-07	4.24E-07	1.66E-07	8.49E-07	3.60E-07
485	495116.28, 3862793.93	7.49E-07	3.18E-07	3.74E-07	1.47E-07	7.49E-07	3.18E-07
486	495116.28, 3862893.93	6.69E-07	2.84E-07	3.34E-07	1.31E-07	6.69E-07	2.84E-07
487	495216.28, 3862493.93	1.19E-06	5.05E-07	5.94E-07	2.33E-07	1.19E-06	5.05E-07
488	495216.28, 3862593.93	1.02E-06	4.31E-07	5.07E-07	1.99E-07	1.02E-06	4.31E-07
489	495216.28, 3862693.93	8.84E-07	3.75E-07	4.41E-07	1.73E-07	8.84E-07	3.75E-07
490	495216.28, 3862793.93	7.76E-07	3.29E-07	3.87E-07	1.52E-07	7.76E-07	3.29E-07
491	495216.28, 3862893.93	6.90E-07	2.93E-07	3.44E-07	1.35E-07	6.90E-07	2.93E-07
492	495316.28, 3862493.93	1.25E-06	5.29E-07	6.23E-07	2.45E-07	1.25E-06	5.29E-07
493	495316.28, 3862593.93	1.06E-06	4.52E-07	5.31E-07	2.09E-07	1.06E-06	4.52E-07
494	495316.28, 3862693.93	9.23E-07	3.92E-07	4.61E-07	1.81E-07	9.23E-07	3.92E-07
495	495316.28, 3862793.93	8.04E-07	3.41E-07	4.01E-07	1.58E-07	8.04E-07	3.41E-07
496	495316.28, 3862893.93	7.14E-07	3.03E-07	3.57E-07	1.40E-07	7.14E-07	3.03E-07
497	495416.28, 3862493.93	1.32E-06	5.60E-07	6.58E-07	2.59E-07	1.32E-06	5.60E-07
498	495416.28, 3862593.93	1.12E-06	4.75E-07	5.59E-07	2.19E-07	1.12E-06	4.75E-07
499	495416.28, 3862693.93	9.61E-07	4.08E-07	4.80E-07	1.88E-07	9.61E-07	4.08E-07
500	495416.28, 3862793.93	8.37E-07	3.55E-07	4.18E-07	1.64E-07	8.37E-07	3.55E-07
501	495416.28, 3862893.93	7.40E-07	3.14E-07	3.69E-07	1.45E-07	7.40E-07	3.14E-07
502	495516.28, 3862493.93	1.40E-06	5.95E-07	7.00E-07	2.75E-07	1.40E-06	5.95E-07
503	495516.28, 3862593.93	1.17E-06	4.98E-07	5.85E-07	2.30E-07	1.17E-06	4.98E-07
504	495516.28, 3862693.93	1.00E-06	4.26E-07	5.01E-07	1.97E-07	1.00E-06	4.26E-07
505	495516.28, 3862793.93	8.70E-07	3.69E-07	4.34E-07	1.71E-07	8.70E-07	3.69E-07
506	495516.28, 3862893.93	7.67E-07	3.25E-07	3.83E-07	1.50E-07	7.67E-07	3.25E-07
507	495616.28, 3862593.93	1.23E-06	5.23E-07	6.16E-07	2.42E-07	1.23E-06	5.23E-07
508	495616.28, 3862693.93	1.05E-06	4.45E-07	5.24E-07	2.06E-07	1.05E-06	4.45E-07
509	495616.28, 3862793.93	9.06E-07	3.84E-07	4.52E-07	1.78E-07	9.06E-07	3.84E-07
510	495616.28, 3862893.93	7.94E-07	3.37E-07	3.96E-07	1.56E-07	7.94E-07	3.37E-07
511	495716.28, 3862593.93	1.30E-06	5.50E-07	6.47E-07	2.54E-07	1.30E-06	5.50E-07
512	495716.28, 3862693.93	1.10E-06	4.65E-07	5.47E-07	2.15E-07	1.10E-06	4.65E-07
513	495716.28, 3862793.93	9.44E-07	4.00E-07	4.71E-07	1.85E-07	9.44E-07	4.00E-07
514	495716.28, 3862893.93	8.23E-07	3.49E-07	4.11E-07	1.61E-07	8.23E-07	3.49E-07
515	495816.28, 3862593.93	1.36E-06	5.79E-07	6.81E-07	2.68E-07	1.36E-06	5.79E-07
516	495816.28, 3862693.93	1.15E-06	4.86E-07	5.72E-07	2.25E-07	1.15E-06	4.86E-07
517	495816.28, 3862793.93	9.82E-07	4.17E-07	4.90E-07	1.93E-07	9.82E-07	4.17E-07
518	495816.28, 3862893.93	8.52E-07	3.62E-07	4.25E-07	1.67E-07	8.52E-07	3.62E-07
519	495916.28, 3862593.93	1.44E-06	6.11E-07	7.19E-07	2.82E-07	1.44E-06	6.11E-07
520	495916.28, 3862693.93	1.20E-06	5.10E-07	6.00E-07	2.36E-07	1.20E-06	5.10E-07
521	495916.28, 3862793.93	1.02E-06	4.34E-07	5.10E-07	2.00E-07	1.02E-06	4.34E-07
522	495916.28, 3862893.93	8.86E-07	3.76E-07	4.42E-07	1.74E-07	8.86E-07	3.76E-07
523	496016.28, 3862593.93	1.52E-06	6.46E-07	7.60E-07	2.98E-07	1.52E-06	6.46E-07
524	496016.28, 3862693.93	1.26E-06	5.34E-07	6.28E-07	2.47E-07	1.26E-06	5.34E-07
525	496016.28, 3862793.93	1.06E-06	4.52E-07	5.31E-07	2.09E-07	1.06E-06	4.52E-07
526	496016.28, 3862893.93	9.18E-07	3.90E-07	4.58E-07	1.80E-07	9.18E-07	3.90E-07
527	496116.28, 3862593.93	1.61E-06	6.82E-07	8.03E-07	3.15E-07	1.61E-06	6.82E-07
528	496116.28, 3862693.93	1.32E-06	5.59E-07	6.58E-07	2.58E-07	1.32E-06	5.59E-07
529	496116.28, 3862793.93	1.11E-06	4.70E-07	5.53E-07	2.17E-07	1.11E-06	4.70E-07
530	496116.28, 3862893.93	9.53E-07	4.04E-07	4.76E-07	1.87E-07	9.53E-07	4.04E-07
531	496216.28, 3862693.93	1.38E-06	5.86E-07	6.89E-07	2.71E-07	1.38E-06	5.86E-07
532	496216.28, 3862793.93	1.16E-06	4.91E-07	5.78E-07	2.27E-07	1.16E-06	4.91E-07
533	496216.28, 3862893.93	9.89E-07	4.20E-07	4.94E-07	1.94E-07	9.89E-07	4.20E-07
534	496216.28, 3862993.93	8.65E-07	3.67E-07	4.32E-07	1.70E-07	8.65E-07	3.67E-07
535	496316.28, 3862693.93	1.45E-06	6.15E-07	7.24E-07	2.84E-07	1.45E-06	6.15E-07
536	496316.28, 3862793.93	1.21E-06	5.12E-07	6.03E-07	2.37E-07	1.21E-06	5.12E-07

537	496316.28, 3862893.93	1.03E-06	4.37E-07	5.14E-07	2.02E-07	1.03E-06	4.37E-07
538	496316.28, 3862993.93	8.93E-07	3.79E-07	4.46E-07	1.75E-07	8.93E-07	3.79E-07
539	496316.28, 3863093.93	7.83E-07	3.32E-07	3.91E-07	1.54E-07	7.83E-07	3.32E-07
540	496416.28, 3862693.93	1.52E-06	6.44E-07	7.57E-07	2.98E-07	1.52E-06	6.44E-07
541	496416.28, 3862793.93	1.26E-06	5.36E-07	6.31E-07	2.48E-07	1.26E-06	5.36E-07
542	496416.28, 3862893.93	1.07E-06	4.54E-07	5.35E-07	2.10E-07	1.07E-06	4.54E-07
543	496416.28, 3862993.93	9.22E-07	3.91E-07	4.60E-07	1.81E-07	9.22E-07	3.91E-07
544	496416.28, 3863093.93	8.03E-07	3.41E-07	4.01E-07	1.57E-07	8.03E-07	3.41E-07
545	496516.28, 3862693.93	1.60E-06	6.79E-07	7.99E-07	3.14E-07	1.60E-06	6.79E-07
546	496516.28, 3862793.93	1.31E-06	5.57E-07	6.55E-07	2.57E-07	1.31E-06	5.57E-07
547	496516.28, 3862893.93	1.11E-06	4.72E-07	5.55E-07	2.18E-07	1.11E-06	4.72E-07
548	496516.28, 3862993.93	9.52E-07	4.04E-07	4.75E-07	1.87E-07	9.52E-07	4.04E-07
549	496516.28, 3863093.93	8.24E-07	3.49E-07	4.11E-07	1.62E-07	8.24E-07	3.49E-07
550	496516.28, 3863193.93	7.23E-07	3.07E-07	3.61E-07	1.42E-07	7.23E-07	3.07E-07
551	496516.28, 3863293.93	6.42E-07	2.72E-07	3.20E-07	1.26E-07	6.42E-07	2.72E-07
552	496616.28, 3862693.93	1.68E-06	7.13E-07	8.39E-07	3.30E-07	1.68E-06	7.13E-07
553	496616.28, 3862793.93	1.37E-06	5.83E-07	6.86E-07	2.69E-07	1.37E-06	5.83E-07
554	496616.28, 3862893.93	1.15E-06	4.89E-07	5.75E-07	2.26E-07	1.15E-06	4.89E-07
555	496616.28, 3862993.93	9.82E-07	4.17E-07	4.90E-07	1.92E-07	9.82E-07	4.17E-07
556	496616.28, 3863093.93	8.46E-07	3.59E-07	4.22E-07	1.66E-07	8.46E-07	3.59E-07
557	496616.28, 3863193.93	7.39E-07	3.14E-07	3.69E-07	1.45E-07	7.39E-07	3.14E-07
558	496616.28, 3863293.93	6.54E-07	2.78E-07	3.27E-07	1.28E-07	6.54E-07	2.78E-07
559	496716.28, 3862793.93	1.43E-06	6.09E-07	7.16E-07	2.81E-07	1.43E-06	6.09E-07
560	496716.28, 3862893.93	1.20E-06	5.08E-07	5.97E-07	2.35E-07	1.20E-06	5.08E-07
561	496716.28, 3862993.93	1.01E-06	4.29E-07	5.04E-07	1.98E-07	1.01E-06	4.29E-07
562	496716.28, 3863093.93	8.69E-07	3.68E-07	4.33E-07	1.70E-07	8.69E-07	3.68E-07
563	496716.28, 3863193.93	7.56E-07	3.21E-07	3.77E-07	1.48E-07	7.56E-07	3.21E-07
564	496716.28, 3863293.93	6.68E-07	2.83E-07	3.33E-07	1.31E-07	6.68E-07	2.83E-07
565	496716.28, 3863393.93	5.93E-07	2.52E-07	2.96E-07	1.16E-07	5.93E-07	2.52E-07
566	496816.28, 3862793.93	1.51E-06	6.42E-07	7.55E-07	2.97E-07	1.51E-06	6.42E-07
567	496816.28, 3862893.93	1.24E-06	5.24E-07	6.17E-07	2.42E-07	1.24E-06	5.24E-07
568	496816.28, 3862993.93	1.04E-06	4.41E-07	5.19E-07	2.04E-07	1.04E-06	4.41E-07
569	496816.28, 3863093.93	8.91E-07	3.78E-07	4.45E-07	1.75E-07	8.91E-07	3.78E-07
570	496816.28, 3863193.93	7.73E-07	3.28E-07	3.86E-07	1.52E-07	7.73E-07	3.28E-07
571	496816.28, 3863293.93	6.80E-07	2.89E-07	3.40E-07	1.33E-07	6.80E-07	2.89E-07
572	496816.28, 3863393.93	6.03E-07	2.56E-07	3.01E-07	1.18E-07	6.03E-07	2.56E-07
573	496916.28, 3862793.93	1.54E-06	6.53E-07	7.68E-07	3.02E-07	1.54E-06	6.53E-07
574	496916.28, 3862893.93	1.27E-06	5.41E-07	6.36E-07	2.50E-07	1.27E-06	5.41E-07
575	496916.28, 3862993.93	1.07E-06	4.54E-07	5.34E-07	2.10E-07	1.07E-06	4.54E-07
576	496916.28, 3863093.93	9.12E-07	3.87E-07	4.55E-07	1.79E-07	9.12E-07	3.87E-07
577	496916.28, 3863193.93	7.89E-07	3.35E-07	3.94E-07	1.55E-07	7.89E-07	3.35E-07
578	496916.28, 3863293.93	6.92E-07	2.94E-07	3.46E-07	1.36E-07	6.92E-07	2.94E-07
579	496916.28, 3863393.93	6.14E-07	2.61E-07	3.07E-07	1.20E-07	6.14E-07	2.61E-07
580	497016.28, 3862793.93	1.60E-06	6.77E-07	7.97E-07	3.13E-07	1.60E-06	6.77E-07
581	497016.28, 3862893.93	1.31E-06	5.58E-07	6.56E-07	2.58E-07	1.31E-06	5.58E-07
582	497016.28, 3862993.93	1.10E-06	4.66E-07	5.48E-07	2.15E-07	1.10E-06	4.66E-07
583	497016.28, 3863093.93	9.33E-07	3.96E-07	4.65E-07	1.83E-07	9.33E-07	3.96E-07
584	497016.28, 3863193.93	8.05E-07	3.42E-07	4.02E-07	1.58E-07	8.05E-07	3.42E-07
585	497016.28, 3863293.93	7.03E-07	2.98E-07	3.51E-07	1.38E-07	7.03E-07	2.98E-07
586	497016.28, 3863393.93	6.24E-07	2.65E-07	3.11E-07	1.22E-07	6.24E-07	2.65E-07
587	497116.28, 3862793.93	1.67E-06	7.08E-07	8.33E-07	3.27E-07	1.67E-06	7.08E-07
588	497116.28, 3862893.93	1.35E-06	5.71E-07	6.71E-07	2.64E-07	1.35E-06	5.71E-07
589	497116.28, 3862993.93	1.13E-06	4.79E-07	5.63E-07	2.21E-07	1.13E-06	4.79E-07
590	497116.28, 3863093.93	9.58E-07	4.06E-07	4.78E-07	1.88E-07	9.58E-07	4.06E-07
591	497116.28, 3863193.93	8.20E-07	3.48E-07	4.09E-07	1.61E-07	8.20E-07	3.48E-07
592	497116.28, 3863293.93	7.13E-07	3.03E-07	3.56E-07	1.40E-07	7.13E-07	3.03E-07
593	497116.28, 3863393.93	6.30E-07	2.67E-07	3.14E-07	1.24E-07	6.30E-07	2.67E-07
594	497216.28, 3862793.93	1.72E-06	7.31E-07	8.60E-07	3.38E-07	1.72E-06	7.31E-07
595	497216.28, 3862893.93	1.38E-06	5.85E-07	6.88E-07	2.70E-07	1.38E-06	5.85E-07
596	497216.28, 3862993.93	1.14E-06	4.86E-07	5.71E-07	2.24E-07	1.14E-06	4.86E-07

597	497216.28, 3863093.93	9.75E-07	4.14E-07	4.87E-07	1.91E-07	9.75E-07	4.14E-07
598	497216.28, 3863193.93	8.34E-07	3.54E-07	4.16E-07	1.64E-07	8.34E-07	3.54E-07
599	497216.28, 3863293.93	7.23E-07	3.07E-07	3.61E-07	1.42E-07	7.23E-07	3.07E-07
600	497216.28, 3863393.93	6.36E-07	2.70E-07	3.17E-07	1.25E-07	6.36E-07	2.70E-07
601	497316.28, 3862793.93	1.78E-06	7.54E-07	8.87E-07	3.49E-07	1.78E-06	7.54E-07
602	497316.28, 3862893.93	1.42E-06	6.01E-07	7.08E-07	2.78E-07	1.42E-06	6.01E-07
603	497316.28, 3862993.93	1.17E-06	4.97E-07	5.84E-07	2.29E-07	1.17E-06	4.97E-07
604	497316.28, 3863093.93	9.87E-07	4.19E-07	4.93E-07	1.94E-07	9.87E-07	4.19E-07
605	497316.28, 3863193.93	8.43E-07	3.58E-07	4.21E-07	1.65E-07	8.43E-07	3.58E-07
606	497316.28, 3863293.93	7.31E-07	3.10E-07	3.65E-07	1.43E-07	7.31E-07	3.10E-07
607	497316.28, 3863393.93	6.43E-07	2.73E-07	3.21E-07	1.26E-07	6.43E-07	2.73E-07
608	497416.28, 3862793.93	1.83E-06	7.77E-07	9.14E-07	3.59E-07	1.83E-06	7.77E-07
609	497416.28, 3862893.93	1.45E-06	6.13E-07	7.21E-07	2.83E-07	1.45E-06	6.13E-07
610	497416.28, 3862993.93	1.19E-06	5.06E-07	5.95E-07	2.34E-07	1.19E-06	5.06E-07
611	497416.28, 3863093.93	1.00E-06	4.25E-07	5.00E-07	1.96E-07	1.00E-06	4.25E-07
612	497416.28, 3863193.93	8.53E-07	3.62E-07	4.26E-07	1.67E-07	8.53E-07	3.62E-07
613	497416.28, 3863293.93	7.40E-07	3.14E-07	3.69E-07	1.45E-07	7.40E-07	3.14E-07
614	497416.28, 3863393.93	6.50E-07	2.76E-07	3.24E-07	1.27E-07	6.50E-07	2.76E-07
615	497516.28, 3862693.93	2.61E-06	1.11E-06	1.30E-06	5.12E-07	2.61E-06	1.11E-06
616	497516.28, 3862793.93	1.88E-06	7.97E-07	9.38E-07	3.68E-07	1.88E-06	7.97E-07
617	497516.28, 3862893.93	1.47E-06	6.26E-07	7.36E-07	2.89E-07	1.47E-06	6.26E-07
618	497516.28, 3862993.93	1.22E-06	5.18E-07	6.10E-07	2.40E-07	1.22E-06	5.18E-07
619	497516.28, 3863093.93	1.01E-06	4.28E-07	5.04E-07	1.98E-07	1.01E-06	4.28E-07
620	497516.28, 3863193.93	8.64E-07	3.67E-07	4.31E-07	1.69E-07	8.64E-07	3.67E-07
621	497516.28, 3863293.93	7.47E-07	3.17E-07	3.73E-07	1.46E-07	7.47E-07	3.17E-07
622	497516.28, 3863393.93	6.57E-07	2.79E-07	3.28E-07	1.29E-07	6.57E-07	2.79E-07
623	497616.28, 3862693.93	2.67E-06	1.13E-06	1.33E-06	5.23E-07	2.67E-06	1.13E-06
624	497616.28, 3862793.93	1.92E-06	8.14E-07	9.58E-07	3.76E-07	1.92E-06	8.14E-07
625	497616.28, 3862893.93	1.50E-06	6.36E-07	7.48E-07	2.94E-07	1.50E-06	6.36E-07
626	497616.28, 3862993.93	1.24E-06	5.25E-07	6.17E-07	2.43E-07	1.24E-06	5.25E-07
627	497616.28, 3863093.93	1.02E-06	4.33E-07	5.09E-07	2.00E-07	1.02E-06	4.33E-07
628	497616.28, 3863193.93	8.76E-07	3.72E-07	4.37E-07	1.72E-07	8.76E-07	3.72E-07
629	497616.28, 3863293.93	7.54E-07	3.20E-07	3.76E-07	1.48E-07	7.54E-07	3.20E-07
630	497616.28, 3863393.93	6.64E-07	2.82E-07	3.31E-07	1.30E-07	6.64E-07	2.82E-07
631	497716.28, 3862693.93	2.71E-06	1.15E-06	1.35E-06	5.32E-07	2.71E-06	1.15E-06
632	497716.28, 3862793.93	1.95E-06	8.25E-07	9.71E-07	3.82E-07	1.95E-06	8.25E-07
633	497716.28, 3862893.93	1.52E-06	6.44E-07	7.57E-07	2.97E-07	1.52E-06	6.44E-07
634	497716.28, 3862993.93	1.25E-06	5.31E-07	6.24E-07	2.45E-07	1.25E-06	5.31E-07
635	497716.28, 3863093.93	1.03E-06	4.38E-07	5.15E-07	2.02E-07	1.03E-06	4.38E-07
636	497716.28, 3863193.93	8.85E-07	3.76E-07	4.42E-07	1.74E-07	8.85E-07	3.76E-07
637	497716.28, 3863293.93	7.64E-07	3.24E-07	3.81E-07	1.50E-07	7.64E-07	3.24E-07
638	497716.28, 3863393.93	6.69E-07	2.84E-07	3.34E-07	1.31E-07	6.69E-07	2.84E-07
639	497816.28, 3862693.93	2.71E-06	1.15E-06	1.35E-06	5.31E-07	2.71E-06	1.15E-06
640	497816.28, 3862793.93	1.96E-06	8.33E-07	9.80E-07	3.85E-07	1.96E-06	8.33E-07
641	497816.28, 3862893.93	1.53E-06	6.50E-07	7.64E-07	3.00E-07	1.53E-06	6.50E-07
642	497816.28, 3862993.93	1.26E-06	5.35E-07	6.29E-07	2.47E-07	1.26E-06	5.35E-07
643	497816.28, 3863093.93	1.04E-06	4.43E-07	5.21E-07	2.05E-07	1.04E-06	4.43E-07
644	497816.28, 3863193.93	8.91E-07	3.78E-07	4.45E-07	1.75E-07	8.91E-07	3.78E-07
645	497816.28, 3863293.93	7.72E-07	3.28E-07	3.86E-07	1.51E-07	7.72E-07	3.28E-07
646	497816.28, 3863393.93	6.75E-07	2.86E-07	3.37E-07	1.32E-07	6.75E-07	2.86E-07
647	497916.28, 3862693.93	2.67E-06	1.13E-06	1.33E-06	5.23E-07	2.67E-06	1.13E-06
648	497916.28, 3862793.93	1.97E-06	8.37E-07	9.84E-07	3.87E-07	1.97E-06	8.37E-07
649	497916.28, 3862893.93	1.56E-06	6.60E-07	7.77E-07	3.05E-07	1.56E-06	6.60E-07
650	497916.28, 3862993.93	1.27E-06	5.39E-07	6.34E-07	2.49E-07	1.27E-06	5.39E-07
651	497916.28, 3863093.93	1.06E-06	4.48E-07	5.28E-07	2.07E-07	1.06E-06	4.48E-07
652	497916.28, 3863193.93	8.96E-07	3.80E-07	4.47E-07	1.76E-07	8.96E-07	3.80E-07
653	497916.28, 3863293.93	7.77E-07	3.30E-07	3.88E-07	1.52E-07	7.77E-07	3.30E-07
654	497916.28, 3863393.93	6.80E-07	2.88E-07	3.39E-07	1.33E-07	6.80E-07	2.88E-07
655	498016.28, 3862693.93	2.74E-06	1.16E-06	1.37E-06	5.38E-07	2.74E-06	1.16E-06
656	498016.28, 3862793.93	2.05E-06	8.68E-07	1.02E-06	4.01E-07	2.05E-06	8.68E-07

657	498016.28, 3862893.93	1.57E-06	6.67E-07	7.85E-07	3.08E-07	1.57E-06	6.67E-07
658	498016.28, 3862993.93	1.28E-06	5.44E-07	6.40E-07	2.51E-07	1.28E-06	5.44E-07
659	498016.28, 3863093.93	1.06E-06	4.52E-07	5.31E-07	2.09E-07	1.06E-06	4.52E-07
660	498016.28, 3863193.93	9.03E-07	3.83E-07	4.51E-07	1.77E-07	9.03E-07	3.83E-07
661	498016.28, 3863293.93	7.78E-07	3.30E-07	3.88E-07	1.53E-07	7.78E-07	3.30E-07
662	498016.28, 3863393.93	6.84E-07	2.90E-07	3.41E-07	1.34E-07	6.84E-07	2.90E-07
663	498116.28, 3862693.93	2.67E-06	1.13E-06	1.33E-06	5.23E-07	2.67E-06	1.13E-06
664	498116.28, 3862793.93	2.02E-06	8.57E-07	1.01E-06	3.96E-07	2.02E-06	8.57E-07
665	498116.28, 3862893.93	1.58E-06	6.72E-07	7.90E-07	3.10E-07	1.58E-06	6.72E-07
666	498116.28, 3862993.93	1.28E-06	5.42E-07	6.38E-07	2.51E-07	1.28E-06	5.42E-07
667	498116.28, 3863093.93	1.06E-06	4.51E-07	5.31E-07	2.08E-07	1.06E-06	4.51E-07
668	498116.28, 3863193.93	9.06E-07	3.84E-07	4.52E-07	1.78E-07	9.06E-07	3.84E-07
669	498116.28, 3863293.93	7.84E-07	3.33E-07	3.91E-07	1.54E-07	7.84E-07	3.33E-07
670	498116.28, 3863393.93	6.84E-07	2.90E-07	3.42E-07	1.34E-07	6.84E-07	2.90E-07
671	498216.28, 3862693.93	2.63E-06	1.11E-06	1.31E-06	5.15E-07	2.63E-06	1.11E-06
672	498216.28, 3862793.93	1.99E-06	8.42E-07	9.91E-07	3.89E-07	1.99E-06	8.42E-07
673	498216.28, 3862893.93	1.57E-06	6.66E-07	7.84E-07	3.08E-07	1.57E-06	6.66E-07
674	498216.28, 3862993.93	1.29E-06	5.47E-07	6.44E-07	2.53E-07	1.29E-06	5.47E-07
675	498216.28, 3863093.93	1.07E-06	4.53E-07	5.32E-07	2.09E-07	1.07E-06	4.53E-07
676	498216.28, 3863193.93	9.09E-07	3.86E-07	4.54E-07	1.78E-07	9.09E-07	3.86E-07
677	498316.28, 3862693.93	2.57E-06	1.09E-06	1.29E-06	5.05E-07	2.57E-06	1.09E-06
678	498316.28, 3862793.93	1.96E-06	8.30E-07	9.76E-07	3.83E-07	1.96E-06	8.30E-07
679	498316.28, 3862893.93	1.56E-06	6.63E-07	7.81E-07	3.07E-07	1.56E-06	6.63E-07
680	498316.28, 3862993.93	1.28E-06	5.42E-07	6.37E-07	2.50E-07	1.28E-06	5.42E-07
681	498316.28, 3863093.93	1.07E-06	4.53E-07	5.33E-07	2.09E-07	1.07E-06	4.53E-07
682	498316.28, 3863193.93	9.08E-07	3.85E-07	4.53E-07	1.78E-07	9.08E-07	3.85E-07
683	498416.28, 3862593.93	3.33E-06	1.41E-06	1.66E-06	6.53E-07	3.33E-06	1.41E-06
684	498416.28, 3862693.93	2.52E-06	1.07E-06	1.26E-06	4.95E-07	2.52E-06	1.07E-06
685	498416.28, 3862793.93	1.93E-06	8.20E-07	9.65E-07	3.79E-07	1.93E-06	8.20E-07
686	498416.28, 3862893.93	1.55E-06	6.56E-07	7.72E-07	3.03E-07	1.55E-06	6.56E-07
687	498416.28, 3862993.93	1.27E-06	5.37E-07	6.32E-07	2.48E-07	1.27E-06	5.37E-07
688	498416.28, 3863093.93	1.06E-06	4.51E-07	5.30E-07	2.08E-07	1.06E-06	4.51E-07
689	498416.28, 3863193.93	9.08E-07	3.85E-07	4.53E-07	1.78E-07	9.08E-07	3.85E-07
690	498516.28, 3862593.93	3.20E-06	1.36E-06	1.60E-06	6.28E-07	3.20E-06	1.36E-06
691	498516.28, 3862693.93	2.46E-06	1.04E-06	1.23E-06	4.82E-07	2.46E-06	1.04E-06
692	498516.28, 3862793.93	1.88E-06	7.98E-07	9.39E-07	3.69E-07	1.88E-06	7.98E-07
693	498516.28, 3862893.93	1.52E-06	6.45E-07	7.59E-07	2.98E-07	1.52E-06	6.45E-07
694	498516.28, 3862993.93	1.25E-06	5.32E-07	6.26E-07	2.46E-07	1.25E-06	5.32E-07
695	498516.28, 3863093.93	1.05E-06	4.47E-07	5.26E-07	2.07E-07	1.05E-06	4.47E-07
696	498516.28, 3863193.93	9.08E-07	3.85E-07	4.53E-07	1.78E-07	9.08E-07	3.85E-07
697	498616.28, 3862593.93	3.08E-06	1.31E-06	1.54E-06	6.04E-07	3.08E-06	1.31E-06
698	498616.28, 3862693.93	2.40E-06	1.02E-06	1.20E-06	4.71E-07	2.40E-06	1.02E-06
699	498616.28, 3862793.93	1.88E-06	7.96E-07	9.36E-07	3.68E-07	1.88E-06	7.96E-07
700	498616.28, 3862893.93	1.50E-06	6.36E-07	7.48E-07	2.94E-07	1.50E-06	6.36E-07
701	498616.28, 3862993.93	1.24E-06	5.28E-07	6.21E-07	2.44E-07	1.24E-06	5.28E-07
702	498616.28, 3863093.93	1.04E-06	4.43E-07	5.22E-07	2.05E-07	1.04E-06	4.43E-07
703	498616.28, 3863193.93	8.94E-07	3.80E-07	4.46E-07	1.75E-07	8.94E-07	3.80E-07

		NO2	NO2	NO2		Annual			1 HR 1st			1 HR 8th		
		Period	1st	8th		2028	2033	2048	2028	2033	2048	2028	2033	2048
		Concentration [ug/m^3] at 1 g/s			Rates (g/s):	3.07E-01	3.95E-01	3.74E-01	3.07E-01	3.95E-01	3.74E-01	3.07E-01	3.95E-01	3.74E-01
	X, Y	SLINE1	SLINE1	SLINE1										
1	492865.26, 3860327.3	0.10626	9.38562	5.99852		3.26E-02	4.20E-02	3.97E-02	2.88E+00	3.71E+00	3.51E+00	1.84E+00	2.37E+00	2.24E+00
2	492865.26, 3860377.3	0.12228	10.46562	6.70732		3.75E-02	4.83E-02	4.57E-02	3.21E+00	4.14E+00	3.91E+00	2.06E+00	2.65E+00	2.51E+00
3	492865.26, 3860427.3	0.14104	11.45964	7.49102		4.33E-02	5.57E-02	5.27E-02	3.52E+00	4.53E+00	4.28E+00	2.30E+00	2.96E+00	2.80E+00
4	492915.26, 3860327.3	0.10228	8.65307	5.59399		3.14E-02	4.04E-02	3.82E-02	2.65E+00	3.42E+00	3.23E+00	1.72E+00	2.21E+00	2.09E+00
5	492915.26, 3860377.3	0.12035	9.95231	6.34741		3.69E-02	4.76E-02	4.50E-02	3.05E+00	3.93E+00	3.72E+00	1.95E+00	2.51E+00	2.37E+00
6	492915.26, 3860427.3	0.14115	11.10272	7.08108		4.33E-02	5.58E-02	5.28E-02	3.41E+00	4.39E+00	4.15E+00	2.17E+00	2.80E+00	2.65E+00
7	492965.26, 3860327.3	0.09544	7.48094	4.85445		2.93E-02	3.77E-02	3.57E-02	2.29E+00	2.96E+00	2.80E+00	1.49E+00	1.92E+00	1.81E+00
8	492965.26, 3860377.3	0.1104	8.35245	5.48213		3.39E-02	4.36E-02	4.13E-02	2.56E+00	3.30E+00	3.12E+00	1.68E+00	2.17E+00	2.05E+00
9	492965.26, 3860427.3	0.13672	10.21562	6.60661		4.19E-02	5.40E-02	5.11E-02	3.13E+00	4.04E+00	3.82E+00	2.03E+00	2.61E+00	2.47E+00
10	493015.26, 3860327.3	0.08664	6.0356	4.03658		2.66E-02	3.42E-02	3.24E-02	1.85E+00	2.38E+00	2.26E+00	1.24E+00	1.60E+00	1.51E+00
11	493015.26, 3860377.3	0.1016	7.02275	4.63648		3.12E-02	4.01E-02	3.80E-02	2.15E+00	2.77E+00	2.63E+00	1.42E+00	1.83E+00	1.73E+00
12	493015.26, 3860427.3	0.1249	8.50713	5.58677		3.83E-02	4.94E-02	4.67E-02	2.61E+00	3.36E+00	3.18E+00	1.71E+00	2.21E+00	2.09E+00
13	493065.26, 3860327.3	0.07989	4.98504	3.46077		2.45E-02	3.16E-02	2.99E-02	1.53E+00	1.97E+00	1.86E+00	1.06E+00	1.37E+00	1.29E+00
14	493065.26, 3860377.3	0.09388	5.73327	3.92564		2.88E-02	3.71E-02	3.51E-02	1.76E+00	2.27E+00	2.14E+00	1.20E+00	1.55E+00	1.47E+00
15	493065.26, 3860427.3	0.12252	7.7489	5.21441		3.76E-02	4.84E-02	4.58E-02	2.38E+00	3.06E+00	2.90E+00	1.60E+00	2.06E+00	1.95E+00
16	493065.26, 3860477.3	0.15708	9.65227	6.43952		4.82E-02	6.21E-02	5.87E-02	2.96E+00	3.81E+00	3.61E+00	1.98E+00	2.54E+00	2.41E+00
17	493115.26, 3860327.3	0.07886	4.60649	3.21938		2.42E-02	3.12E-02	2.95E-02	1.41E+00	1.82E+00	1.72E+00	9.88E-01	1.27E+00	1.20E+00
18	493115.26, 3860377.3	0.09703	5.7406	3.91115		2.98E-02	3.83E-02	3.63E-02	1.76E+00	2.27E+00	2.15E+00	1.20E+00	1.55E+00	1.46E+00
19	493115.26, 3860427.3	0.1232	7.38878	5.02189		3.78E-02	4.87E-02	4.61E-02	2.27E+00	2.92E+00	2.76E+00	1.54E+00	1.98E+00	1.88E+00
20	493115.26, 3860477.3	0.15643	9.23099	6.13874		4.80E-02	6.18E-02	5.85E-02	2.83E+00	3.65E+00	3.45E+00	1.88E+00	2.43E+00	2.29E+00
21	493165.26, 3860327.3	0.08656	5.10568	3.51843		2.66E-02	3.42E-02	3.24E-02	1.57E+00	2.02E+00	1.91E+00	1.08E+00	1.39E+00	1.32E+00
22	493165.26, 3860377.3	0.10485	6.21847	4.35667		3.22E-02	4.14E-02	3.92E-02	1.91E+00	2.46E+00	2.32E+00	1.34E+00	1.72E+00	1.63E+00
23	493165.26, 3860427.3	0.13392	8.15798	5.52727		4.11E-02	5.29E-02	5.01E-02	2.50E+00	3.22E+00	3.05E+00	1.70E+00	2.18E+00	2.07E+00
24	493165.26, 3860477.3	0.16261	9.37513	6.29036		4.99E-02	6.43E-02	6.08E-02	2.88E+00	3.70E+00	3.50E+00	1.93E+00	2.49E+00	2.35E+00
25	493215.26, 3860327.3	0.09561	5.87584	4.05297		2.93E-02	3.78E-02	3.57E-02	1.80E+00	2.32E+00	2.20E+00	1.24E+00	1.60E+00	1.52E+00
26	493215.26, 3860377.3	0.11427	6.94694	4.75927		3.51E-02	4.52E-02	4.27E-02	2.13E+00	2.75E+00	2.60E+00	1.46E+00	1.88E+00	1.78E+00
27	493215.26, 3860427.3	0.13374	7.71892	5.26755		4.10E-02	5.28E-02	5.00E-02	2.37E+00	3.05E+00	2.89E+00	1.62E+00	2.08E+00	1.97E+00
28	493215.26, 3860477.3	0.15971	8.69417	6.01744		4.90E-02	6.31E-02	5.97E-02	2.67E+00	3.44E+00	3.25E+00	1.85E+00	2.38E+00	2.25E+00
29	493265.26, 3860327.3	0.09426	5.35235	3.7781		2.89E-02	3.72E-02	3.52E-02	1.64E+00	2.11E+00	2.00E+00	1.16E+00	1.49E+00	1.41E+00
30	493265.26, 3860377.3	0.10651	5.73316	4.04181		3.27E-02	4.21E-02	3.98E-02	1.76E+00	2.27E+00	2.14E+00	1.24E+00	1.60E+00	1.51E+00
31	493265.26, 3860427.3	0.12651	6.61445	4.61015		3.88E-02	5.00E-02	4.73E-02	2.03E+00	2.61E+00	2.47E+00	1.41E+00	1.82E+00	1.72E+00
32	493265.26, 3860477.3	0.15599	7.91549	5.41958		4.79E-02	6.16E-02	5.83E-02	2.43E+00	3.13E+00	2.96E+00	1.66E+00	2.14E+00	2.03E+00
33	493265.26, 3860527.3	0.18421	8.48054	5.7954		5.65E-02	7.28E-02	6.89E-02	2.60E+00	3.35E+00	3.17E+00	1.78E+00	2.29E+00	2.17E+00
34	493315.26, 3860327.3	0.09085	4.62148	3.37147		2.79E-02	3.59E-02	3.40E-02	1.42E+00	1.83E+00	1.73E+00	1.03E+00	1.33E+00	1.26E+00
35	493315.26, 3860377.3	0.1064	5.39934	3.80969		3.26E-02	4.20E-02	3.98E-02	1.66E+00	2.13E+00	2.02E+00	1.17E+00	1.51E+00	1.42E+00
36	493315.26, 3860427.3	0.12208	5.7477	4.01466		3.75E-02	4.82E-02	4.56E-02	1.76E+00	2.27E+00	2.15E+00	1.23E+00	1.59E+00	1.50E+00
37	493315.26, 3860477.3	0.15187	7.08816	4.93702		4.66E-02	6.00E-02	5.68E-02	2.17E+00	2.80E+00	2.65E+00	1.51E+00	1.95E+00	1.85E+00
38	493315.26, 3860527.3	0.18183	7.9267	5.5076		5.58E-02	7.18E-02	6.80E-02	2.43E+00	3.13E+00	2.96E+00	1.69E+00	2.18E+00	2.06E+00
39	493365.26, 3860327.3	0.08969	4.19641	3.14625		2.75E-02	3.54E-02	3.35E-02	1.29E+00	1.66E+00	1.57E+00	9.65E-01	1.24E+00	1.18E+00
40	493365.26, 3860377.3	0.10514	4.89779	3.44759		3.23E-02	4.15E-02	3.93E-02	1.50E+00	1.94E+00	1.83E+00	1.06E+00	1.36E+00	1.29E+00
41	493365.26, 3860427.3	0.12415	5.56416	3.99658		3.81E-02	4.91E-02	4.64E-02	1.71E+00	2.20E+00	2.08E+00	1.23E+00	1.58E+00	1.49E+00
42	493365.26, 3860477.3	0.15379	6.80953	4.79696		4.72E-02	6.08E-02	5.75E-02	2.09E+00	2.69E+00	2.55E+00	1.47E+00	1.90E+00	1.79E+00
43	493365.26, 3860527.3	0.19009	8.25287	5.72257		5.83E-02	7.51E-02	7.11E-02	2.53E+00	3.26E+00	3.09E+00	1.76E+00	2.26E+00	2.14E+00
44	493651.76, 3860323.73	0.10879	4.42501	3.45225		3.34E-02	4.30E-02	4.07E-02	1.36E+00	1.75E+00	1.65E+00	1.06E+00	1.36E+00	1.29E+00
45	493651.76, 3860373.73	0.12748	5.12787	3.87874		3.91E-02	5.04E-02	4.77E-02	1.57E+00	2.03E+00	1.92E+00	1.19E+00	1.53E+00	1.45E+00
46	493651.76, 3860423.73	0.14952	5.99076	4.41827		4.59E-02	5.91E-02	5.59E-02	1.84E+00	2.37E+00	2.24E+00	1.36E+00	1.75E+00	1.65E+00
47	493651.76, 3860473.73	0.17514	6.79619	4.96651		5.37E-02	6.92E-02	6.55E-02	2.08E+00	2.69E+00	2.54E+00	1.52E+00	1.96E+00	1.86E+00
48	493651.76, 3860523.73	0.20557	7.73805	5.50316		6.31E-02	8.12E-02	7.68E-02	2.37E+00	3.06E+00	2.89E+00	1.69E+00	2.17E+00	2.06E+00
49	493651.76, 3860573.73	0.24242	8.75737	6.06974		7.44E-02	9.58E-02	9.06E-02	2.69E+00	3.46E+00	3.27E+00	1.86E+00	2.40E+00	2.27E+00
50	493651.76, 3860623.73	0.28574	9.90592	6.7611		8.77E-02	1.13E-01	1.07E-01	3.04E+00	3.91E+00	3.70E+00	2.07E+00	2.67E+00	2.53E+00
51	493701.76, 3860323.73	0.10989	4.32559	3.392		3.37E-02	4.34E-02	4.11E-02	1.33E+00	1.71E+00	1.62E+00	1.04E+00	1.34E+00	1.27E+00
52	493701.76, 3860373.73	0.12654	4.80929	3.72236		3.88E-02	5.00E-02	4.73E-02	1.48E+00	1.90E+00	1.80E+00	1.14E+00	1.47E+00	1.39E+00
53	493701.76, 3860423.73	0.15342	5.99843	4.54156		4.71E-02	6.06E-02	5.74E-02	1.84E+00	2.37E+00	2.24E+00	1.39E+00	1.79E+00	1.70E+00
54	493701.76, 3860473.73	0.17679	6.69636	4.90668		5.42E-02	6.99E-02	6.61E-02	2.05E+00	2.65E+00	2.50E+00	1.51E+00	1.94E+00	1.83E+00
55	493701.76, 3860523.73	0.20787	7.68915	5.48975		6.38E-02	8.21E-02	7.77E-02	2.36E+00	3.04E+00	2.87E+00	1.68E+00	2.17E+00	2.05E+00
56	493701.76, 3860573.73	0.25257	9.2303	6.44366		7.75E-02	9.98E-02	9.44E-02	2.83E+00	3.65E+00	3.45E+00	1.98E+00	2.55E+00	2.41E+00
57	493701.76, 3860623.73	0.30164	10.84115	7.48		9.25E-02	1.19E-01	1.13E-01	3.33E+00	4.28E+00	4.05E+00	2.29E+00	2.96E+00	2.80E+00
58	493701.76, 3860673.73	0.34719	11.76578	8.01919		1.07E-01	1.37E-01	1.30E-01	3.61E+00	4.65E+00	4.40E+00	2.46E+00	3.17E+00	3.00E+00
59	493751.76, 3860323.73	0.11068	4.22188	3.27374		3.40E-02	4.37E-02	4.14E-02	1.30E+00	1.67E+00	1.58E+00	1.00E+00	1.29E+00	1.22E+00
60	493751.76, 3860373.73	0.12964	4.81553	3.73659		3.98E-02	5.12E-02	4.85E-02	1.48E+00	1.90E+00	1.80E+00	1.15E+00	1.48E+00	1.40E+00
61	493751.76, 3860423.73	0.15395	5.69646	4.43936		4.72E-02	6.08E-02	5.76E-02	1.75E+00	2.25E+00	2.13E+00	1.36E+00	1.75E+00	1.66E+00
62	493751.76, 3860473.73	0.18356	6.92448	5.07756		5.63E-02	7.25E-02	6.86E-02	2.12E+00	2.74E+00	2.59E+00	1.56E+00	2.01E+00	1.90E+00
63	493751.76, 3860523.73	0.21201	7.73682	5.54368		6.50E-02	8.38E-02	7.93E-02	2.37E+00	3.06E+00	2.89E+00	1.70E+00	2.19E+00	2.07E+00
64	493751.76, 3860573.73	0.25083	8.87331	6.34029		7.69E-02	9.91E-02	9.38E-02	2.72E+00	3.51E+00	3.32E+00	1.95E+00	2.51E+00	2.37E+00
65	493751.76, 3860623.73	0.2964	10.2469	7.17023		9.09E-02	1.17E-01	1.11E-01	3.14E+00	4.05E+00	3.83E+00	2.20E+00	2.83E+00	2.68E+00
66	493801.76, 3860323.73	0.11143	4.17262	3.20839		3.42E-02	4.40E-02	4.17E-02	1.28E+00	1.65E+00	1.56E+00	9.84E-01	1.27E+00	1.20E+00
67	493801.76, 3860373.73	0.13089	4.80395	3.73506		4.02E-02	5.17E-02	4.89E-02	1.47E+00	1.90E+00	1.80E+00	1.15E+00	1.48E+00	1.40E+00
68	493801.76, 3860423.73	0.15453	5.67234	4.34961		4.74E-02	6.11E-02	5.78E-02	1.74E+00	2.24E+00	2.12E+00	1.33E+00	1.72E+00	1.63E+00
69	493801.76, 3860473.73	0.18078	6.57682	4.83933		5.55E-02	7.14E-02	6.76E-02	2.02E+00	2.60E+00	2.46E+00	1.48E+00	1.91E+00	1.81E+00
70	493801.76, 3860523.73	0.20981	7.36744	5.27801		6.44E-02	8.29E-02	7.84E-02	2.26E+00	2.91E+00	2.75E+00	1.62E+00	2.09E+00	1.97E+00
71	493801.76, 3860573.73	0.24604	8.31489	6.03043		7.55E-02	9.72E-02	9.20E-02	2.55E+00	3.29E+00	3.11E+00	1.85E+00	2.38E+00	2.25E+00
72	493801.76, 3860623.73	0.28945	9.52376	6.63514		8.88E-02	1.14E-01	1.08E-01	2.92E+00	3.76E+00	3.56E+00	2.04E+00	2.62E+00	2.48E+00
73	493851.76, 3860323.73	0.11182	4.07573	3.119		3.43E-02	4.42E-02	4.18E-02	1.25E+00	1.61E+00	1.52E+00	9.57E-01	1.23E+00	1.17E+00
74	493851.76, 3860373.73	0.13098	4.70428	3.67031		4.02E-02	5.18E-02	4.90E-02	1.44E+00	1.86E+00	1.76E+00	1.13E+00	1.45E+00	1.37E+00
75	493851.76, 3860423.73	0.15063	5.34788	3.97326		4.62E-02	5.95E-02	5.63E-02	1.64E+00	2.11E+00	2.00E+00	1.22E+00	1.57E+00	1.49E+00
76	493851.76, 3860473.73	0.18185	6.48053	4.76598		5.58E-02	7.19E-02	6.80E-02	1.99E+00	2.56E+00	2.42E+00	1.46E+00	1.88E+00	1.78E+00
77	493851.76, 3860523.73	0.21017	7.14732	5.23634		6.45E-02	8.30E-02	7.86E-02	2.19E+00	2.82E+00	2.67E+00	1.61E+00	2.07E+00	1.96E+00
78	493851.76, 3860573.73	0.2467	8.11757	5.92153		7.57E-02	9.75E-02	9.22E-02	2.49E+00	3.21E+00	3.03E+00	1.82E+00	2.34E+00	2.21E+00
79	493851.76, 3860623.73	0.28296	8.86498	6.33673		8.68E-02	1.12E-01	1.06E-01	2.72E+00	3.50E+00	3.31E+00	1.94E+00	2.50E+00	2.37E+00

80	493901.76, 3860323.73	0.11387	4.1592	3.12667	3.49E-02	4.50E-02	4.26E-02	1.28E+00	1.64E+00	1.55E+00	9.59E-01	1.24E+00	1.17E+00
81	493901.76, 3860373.73	0.12976	4.56473	3.47153	3.98E-02	5.13E-02	4.85E-02	1.40E+00	1.80E+00	1.71E+00	1.06E+00	1.37E+00	1.30E+00
82	493901.76, 3860423.73	0.15108	5.29895	3.86368	4.63E-02	5.97E-02	5.65E-02	1.63E+00	2.09E+00	1.98E+00	1.19E+00	1.53E+00	1.44E+00
83	493901.76, 3860473.73	0.17582	5.98889	4.31248	5.39E-02	6.95E-02	6.57E-02	1.84E+00	2.37E+00	2.24E+00	1.32E+00	1.70E+00	1.61E+00
84	493901.76, 3860523.73	0.19904	6.21996	4.62942	6.11E-02	7.86E-02	7.44E-02	1.91E+00	2.46E+00	2.33E+00	1.42E+00	1.83E+00	1.73E+00
85	493901.76, 3860573.73	0.23739	7.29158	5.34921	7.28E-02	9.38E-02	8.87E-02	2.24E+00	2.88E+00	2.73E+00	1.64E+00	2.11E+00	2.00E+00
86	493901.76, 3860623.73	0.27918	8.41789	6.16713	8.56E-02	1.10E-01	1.04E-01	2.58E+00	3.33E+00	3.15E+00	1.89E+00	2.44E+00	2.31E+00
87	493951.76, 3860323.73	0.11052	3.80018	2.90744	3.39E-02	4.37E-02	4.13E-02	1.17E+00	1.50E+00	1.42E+00	8.92E-01	1.15E+00	1.09E+00
88	493951.76, 3860373.73	0.12748	4.34326	3.24419	3.91E-02	5.04E-02	4.77E-02	1.33E+00	1.72E+00	1.62E+00	9.95E-01	1.28E+00	1.21E+00
89	493951.76, 3860423.73	0.14795	4.99417	3.55738	4.54E-02	5.85E-02	5.53E-02	1.53E+00	1.97E+00	1.87E+00	1.09E+00	1.41E+00	1.33E+00
90	493951.76, 3860473.73	0.171	5.57454	3.99057	5.25E-02	6.76E-02	6.39E-02	1.71E+00	2.20E+00	2.08E+00	1.22E+00	1.58E+00	1.49E+00
91	493951.76, 3860523.73	0.20024	6.13813	4.60818	6.14E-02	7.91E-02	7.49E-02	1.88E+00	2.43E+00	2.29E+00	1.41E+00	1.82E+00	1.72E+00
92	493951.76, 3860573.73	0.2382	7.1055	5.34555	7.31E-02	9.41E-02	8.90E-02	2.18E+00	2.81E+00	2.66E+00	1.64E+00	2.11E+00	2.00E+00
93	493951.76, 3860623.73	0.27621	8.01522	6.03046	8.47E-02	1.09E-01	1.03E-01	2.46E+00	3.17E+00	3.00E+00	1.85E+00	2.38E+00	2.25E+00
94	494001.76, 3860323.73	0.10844	3.56421	2.75237	3.33E-02	4.28E-02	4.05E-02	1.09E+00	1.41E+00	1.33E+00	8.44E-01	1.09E+00	1.03E+00
95	494001.76, 3860373.73	0.12499	4.06688	3.00941	3.83E-02	4.94E-02	4.67E-02	1.25E+00	1.61E+00	1.52E+00	9.23E-01	1.19E+00	1.13E+00
96	494001.76, 3860423.73	0.14893	4.99781	3.52083	4.57E-02	5.88E-02	5.57E-02	1.53E+00	1.97E+00	1.87E+00	1.08E+00	1.39E+00	1.32E+00
97	494001.76, 3860473.73	0.17185	5.51785	3.9451	5.27E-02	6.79E-02	6.42E-02	1.69E+00	2.18E+00	2.06E+00	1.21E+00	1.56E+00	1.47E+00
98	494001.76, 3860523.73	0.20262	6.15342	4.60097	6.22E-02	8.01E-02	7.57E-02	1.89E+00	2.43E+00	2.30E+00	1.41E+00	1.82E+00	1.72E+00
99	494001.76, 3860573.73	0.23496	6.68854	5.17228	7.21E-02	9.28E-02	8.78E-02	2.05E+00	2.64E+00	2.50E+00	1.59E+00	2.04E+00	1.93E+00
100	494001.76, 3860623.73	0.26991	7.42099	5.76231	8.28E-02	1.07E-01	1.01E-01	2.28E+00	2.93E+00	2.77E+00	1.77E+00	2.28E+00	2.15E+00
101	494001.76, 3860673.73	0.31974	8.95995	6.88658	9.81E-02	1.26E-01	1.20E-01	2.75E+00	3.54E+00	3.35E+00	2.11E+00	2.72E+00	2.57E+00
102	494051.76, 3860323.73	0.1079	3.44497	2.64793	3.31E-02	4.26E-02	4.03E-02	1.06E+00	1.36E+00	1.29E+00	8.12E-01	1.05E+00	9.90E-01
103	494051.76, 3860373.73	0.12514	4.01096	2.92879	3.84E-02	4.94E-02	4.68E-02	1.23E+00	1.58E+00	1.50E+00	8.98E-01	1.16E+00	1.09E+00
104	494051.76, 3860423.73	0.14516	4.64247	3.29299	4.45E-02	5.74E-02	5.43E-02	1.42E+00	1.83E+00	1.74E+00	1.01E+00	1.30E+00	1.23E+00
105	494051.76, 3860473.73	0.17067	5.30435	3.86205	5.24E-02	6.74E-02	6.38E-02	1.63E+00	2.10E+00	1.98E+00	1.18E+00	1.53E+00	1.44E+00
106	494169.47, 3860896.29	0.55065	13.82322	10.63176	1.69E-01	2.18E-01	2.06E-01	4.24E+00	5.46E+00	5.17E+00	3.26E+00	4.20E+00	3.97E+00
107	494169.47, 3860946.29	0.62264	15.34693	11.6156	1.91E-01	2.46E-01	2.33E-01	4.71E+00	6.06E+00	5.74E+00	3.56E+00	4.59E+00	4.34E+00
108	494169.47, 3860996.29	0.70623	17.03553	12.77611	2.17E-01	2.79E-01	2.64E-01	5.23E+00	6.73E+00	6.37E+00	3.92E+00	5.05E+00	4.78E+00
109	494169.47, 3861046.29	0.80203	18.80984	13.97261	2.46E-01	3.17E-01	3.00E-01	5.77E+00	7.43E+00	7.03E+00	4.29E+00	5.52E+00	5.22E+00
110	494407.04, 3860689.65	0.28987	6.65481	5.49641	8.89E-02	1.15E-01	1.08E-01	2.04E+00	2.63E+00	2.49E+00	1.69E+00	2.17E+00	2.05E+00
111	494407.04, 3860789.65	0.38697	9.12293	7.42235	1.19E-01	1.53E-01	1.45E-01	2.80E+00	3.60E+00	3.41E+00	2.28E+00	2.93E+00	2.77E+00
112	494407.04, 3860889.65	0.50004	11.78992	9.3384	1.53E-01	1.98E-01	1.87E-01	3.62E+00	4.66E+00	4.41E+00	2.86E+00	3.69E+00	3.49E+00
113	494407.04, 3860989.65	0.63625	14.58144	11.70205	1.95E-01	2.51E-01	2.38E-01	4.47E+00	5.76E+00	5.45E+00	3.59E+00	4.62E+00	4.37E+00
114	494407.04, 3861089.65	0.807	17.91981	14.00093	2.48E-01	3.19E-01	3.02E-01	5.50E+00	7.08E+00	6.70E+00	4.30E+00	5.53E+00	5.23E+00
115	494507.04, 3860389.65	0.12852	3.29704	2.51291	3.94E-02	5.08E-02	4.80E-02	1.01E+00	1.30E+00	1.23E+00	7.71E-01	9.93E-01	9.39E-01
116	494507.04, 3860489.65	0.16593	3.89304	3.11576	5.09E-02	6.56E-02	6.20E-02	1.19E+00	1.54E+00	1.46E+00	9.56E-01	1.23E+00	1.16E+00
117	494507.04, 3860589.65	0.22138	5.20585	4.22074	6.79E-02	8.75E-02	8.28E-02	1.60E+00	2.06E+00	1.95E+00	1.29E+00	1.67E+00	1.58E+00
118	494507.04, 3860689.65	0.28859	6.75994	5.49857	8.85E-02	1.14E-01	1.08E-01	2.07E+00	2.67E+00	2.53E+00	1.69E+00	2.17E+00	2.06E+00
119	494507.04, 3860789.65	0.37589	8.94468	7.02126	1.15E-01	1.49E-01	1.41E-01	2.74E+00	3.53E+00	3.34E+00	2.15E+00	2.77E+00	2.62E+00
120	494507.04, 3860889.65	0.4785	11.19501	8.71601	1.47E-01	1.89E-01	1.79E-01	3.43E+00	4.42E+00	4.19E+00	2.67E+00	3.44E+00	3.26E+00
121	494507.04, 3860989.65	0.60514	13.48895	10.88191	1.86E-01	2.39E-01	2.26E-01	4.14E+00	5.33E+00	5.04E+00	3.34E+00	4.30E+00	4.07E+00
122	494507.04, 3861089.65	0.76753	16.48235	13.28479	2.35E-01	3.03E-01	2.87E-01	5.06E+00	6.51E+00	6.16E+00	4.08E+00	5.25E+00	4.97E+00
123	494507.04, 3861189.65	0.96863	20.03543	15.81904	2.97E-01	3.83E-01	3.62E-01	6.15E+00	7.92E+00	7.49E+00	4.85E+00	6.25E+00	5.91E+00
124	494607.04, 3860389.65	0.13116	3.34124	2.55517	4.02E-02	5.18E-02	4.90E-02	1.02E+00	1.32E+00	1.25E+00	7.84E-01	1.01E+00	9.55E-01
125	494607.04, 3860489.65	0.16678	3.85322	3.1349	5.12E-02	6.59E-02	6.23E-02	1.18E+00	1.52E+00	1.44E+00	9.62E-01	1.24E+00	1.17E+00
126	494607.04, 3860589.65	0.22014	5.0426	4.19046	6.75E-02	8.70E-02	8.23E-02	1.55E+00	1.99E+00	1.89E+00	1.29E+00	1.66E+00	1.57E+00
127	494607.04, 3860689.65	0.27625	6.223	4.99727	8.47E-02	1.09E-01	1.03E-01	1.91E+00	2.46E+00	2.33E+00	1.53E+00	1.97E+00	1.87E+00
128	494607.04, 3860789.65	0.38135	9.49604	7.46897	1.17E-01	1.51E-01	1.43E-01	2.91E+00	3.75E+00	3.55E+00	2.29E+00	2.95E+00	2.79E+00
129	494607.04, 3860889.65	0.46812	11.1543	8.49338	1.44E-01	1.85E-01	1.75E-01	3.42E+00	4.41E+00	4.17E+00	2.61E+00	3.36E+00	3.18E+00
130	494607.04, 3860989.65	0.58497	13.09212	10.49799	1.79E-01	2.31E-01	2.19E-01	4.02E+00	5.17E+00	4.89E+00	3.22E+00	4.15E+00	3.92E+00
131	494607.04, 3861089.65	0.742	15.71916	12.99056	2.28E-01	2.93E-01	2.77E-01	4.82E+00	6.21E+00	5.88E+00	3.99E+00	5.13E+00	4.86E+00
132	494607.04, 3861189.65	0.93365	19.33062	15.40036	2.86E-01	3.69E-01	3.49E-01	5.93E+00	7.64E+00	7.23E+00	4.72E+00	6.09E+00	5.76E+00
133	494707.04, 3860389.65	0.13455	3.44028	2.61763	4.13E-02	5.32E-02	5.03E-02	1.06E+00	1.36E+00	1.29E+00	8.03E-01	1.03E+00	9.79E-01
134	494707.04, 3860489.65	0.16863	3.90763	3.16701	5.17E-02	6.66E-02	6.30E-02	1.20E+00	1.54E+00	1.46E+00	9.72E-01	1.25E+00	1.18E+00
135	494707.04, 3860589.65	0.21978	5.05707	4.19655	6.74E-02	8.68E-02	8.22E-02	1.55E+00	2.00E+00	1.89E+00	1.29E+00	1.66E+00	1.57E+00
136	494707.04, 3860689.65	0.27527	6.35409	5.01852	8.44E-02	1.09E-01	1.03E-01	1.95E+00	2.51E+00	2.38E+00	1.54E+00	1.98E+00	1.88E+00
137	494707.04, 3860789.65	0.36118	8.84475	6.70523	1.11E-01	1.43E-01	1.35E-01	2.71E+00	3.49E+00	3.31E+00	2.06E+00	2.65E+00	2.51E+00
138	494707.04, 3860889.65	0.45871	11.10098	8.38291	1.41E-01	1.81E-01	1.71E-01	3.41E+00	4.39E+00	4.15E+00	2.57E+00	3.31E+00	3.13E+00
139	494707.04, 3860989.65	0.57778	13.1352	10.67645	1.77E-01	2.28E-01	2.16E-01	4.03E+00	5.19E+00	4.91E+00	3.28E+00	4.22E+00	3.99E+00
140	494707.04, 3861089.65	0.71311	15.04454	12.48436	2.19E-01	2.82E-01	2.67E-01	4.62E+00	5.94E+00	5.62E+00	3.83E+00	4.93E+00	4.67E+00
141	494707.04, 3861189.65	0.90383	18.57386	15.13047	2.77E-01	3.57E-01	3.38E-01	5.70E+00	7.34E+00	6.94E+00	4.64E+00	5.98E+00	5.66E+00
142	494807.04, 3860389.65	0.13603	3.4529	2.61801	4.17E-02	5.38E-02	5.09E-02	1.06E+00	1.36E+00	1.29E+00	8.03E-01	1.03E+00	9.79E-01
143	494807.04, 3860489.65	0.16865	3.87676	3.12995	5.17E-02	6.66E-02	6.30E-02	1.19E+00	1.53E+00	1.45E+00	9.60E-01	1.24E+00	1.17E+00
144	494807.04, 3860589.65	0.21678	4.97671	4.07367	6.65E-02	8.57E-02	8.10E-02	1.53E+00	1.97E+00	1.86E+00	1.25E+00	1.61E+00	1.52E+00
145	494807.04, 3860689.65	0.27926	6.73145	5.27653	8.57E-02	1.10E-01	1.04E-01	2.07E+00	2.66E+00	2.52E+00	1.62E+00	2.08E+00	1.97E+00
146	494807.04, 3860789.65	0.36176	9.24124	6.95247	1.11E-01	1.43E-01	1.35E-01	2.83E+00	3.65E+00	3.45E+00	2.13E+00	2.75E+00	2.60E+00
147	494807.04, 3860889.65	0.45305	11.1633	8.48006	1.39E-01	1.79E-01	1.69E-01	3.42E+00	4.41E+00	4.17E+00	2.60E+00	3.35E+00	3.17E+00
148	494807.04, 3860989.65	0.55781	12.77235	10.21744	1.71E-01	2.20E-01	2.09E-01	3.92E+00	5.05E+00	4.77E+00	3.13E+00	4.04E+00	3.82E+00
149	494807.04, 3861089.65	0.69018	14.71938	12.22658	2.12E-01	2.73E-01	2.58E-01	4.52E+00	5.82E+00	5.50E+00	3.75E+00	4.83E+00	4.57E+00
150	494807.04, 3861189.65	0.84712	17.01858	14.37035	2.60E-01	3.35E-01	3.17E-01	5.22E+00	6.72E+00	6.36E+00	4.41E+00	5.68E+00	5.37E+00
151	494807.04, 3861289.65	1.09808	21.63606	17.32653	3.37E-01	4.34E-01	4.11E-01	6.64E+00	8.55E+00	8.09E+00	5.32E+00	6.85E+00	6.48E+00
152	494907.04, 3860389.65	0.14201	3.70696	2.8439	4.36E-02	5.61E-02	5.31E-02	1.14E+00	1.46E+00	1.39E+00	8.72E-01	1.12E+00	1.06E+00
153	494907.04, 3860489.65	0.17383	4.1515	3.36199	5.33E-02	6.87E-02	6.50E-02	1.27E+00	1.64E+00	1.55E+00	1.03E+00	1.33E+00	1.26E+00
154	494907.04, 3860589.65	0.21572	5.00857	4.03873	6.62E-02	8.52E-02	8.06E-02	1.54E+00	1.98E+00	1.87E+00	1.24E+00	1.60E+00	1.51E+00
155	494907.04, 3860689.65	0.27029	6.4825	4.94566	8.29E-02	1.07E-01	1.01E-01	1.99E+00	2.56E+00	2.42E+00	1.52E+00	1.95E+00	1.85E+00
156	494907.04, 3860789.65	0.32637	7.54777	5.63334	1.00E-01	1.29E-01	1.22E-01	2.32E+00	2.98E+00	2.82E+00	1.73E+00	2.23E+00	2.11E+00
157	494907.04, 3860889.65	0.41825	9.83164	7.45338	1.28E-01	1.65E-01	1.56E-01	3.02E+00	3.88E+00	3.68E+00	2.29E+00	2.95E+00	2.79E+00
158	494907.04, 3860989.65	0.52942	12.11532	9.69463	1.62E-01	2.09E-01	1.98E-01	3.72E+00	4.79E+00	4.53E+00	2.97E+00	3.83E+00	3.62E+00
159	494907.04, 3861089.65	0.65548	14.12444	11.5557	2.01E-01	2.59E-01	2.45E-01	4.33E+00	5.58E+00	5.28E+00	3.54E+00	4.57E+00	4.32E+00
160	494907.04, 3861189.65	0.79864	16.49892	13.57317	2.45E-01	3.16E-01	2.99E-01	5.06E+00	6.52E+00	6.17E+00	4.16E+00	5.36E+00	5.07E+00
161	494907.04, 3861289.65	0.99917	19.24401	16.19694	3.07E-01	3.95E-01	3.74E-01	5.90E+00	7.60E+00	7.19E+00	4.97E+00	6.40E+00	6.06E+00
162	495007.04, 3860489.65	0.16953	3.93698	3.17801	5.20E-02	6.70E-02	6.34E-02	1.21E+00	1.56E+00	1.47E+00	9.75E-01	1.26E+00	1.19E+00

163	495007.04, 3860589.65	0.2061	4.5326	3.6049	6.32E-02	8.14E-02	7.70E-02	1.39E+00	1.79E+00	1.69E+00	1.11E+00	1.42E+00	1.35E+00
164	495007.04, 3860689.65	0.25348	5.68275	4.28888	7.78E-02	1.00E-01	9.48E-02	1.74E+00	2.25E+00	2.12E+00	1.32E+00	1.69E+00	1.60E+00
165	495007.04, 3860789.65	0.32555	7.7724	5.7552	9.99E-02	1.29E-01	1.22E-01	2.38E+00	3.07E+00	2.91E+00	1.77E+00	2.27E+00	2.15E+00
166	495007.04, 3860889.65	0.40955	9.69993	7.47449	1.26E-01	1.62E-01	1.53E-01	2.98E+00	3.83E+00	3.63E+00	2.29E+00	2.95E+00	2.79E+00
167	495007.04, 3860989.65	0.51524	11.89124	9.48145	1.58E-01	2.04E-01	1.93E-01	3.65E+00	4.70E+00	4.45E+00	2.91E+00	3.75E+00	3.54E+00
168	495007.04, 3861089.65	0.63068	13.7609	11.16893	1.93E-01	2.49E-01	2.36E-01	4.22E+00	5.44E+00	5.14E+00	3.43E+00	4.41E+00	4.18E+00
169	495007.04, 3861189.65	0.76896	16.13348	13.05866	2.36E-01	3.04E-01	2.87E-01	4.95E+00	6.37E+00	6.03E+00	4.01E+00	5.16E+00	4.88E+00
170	495007.04, 3861289.65	0.95668	18.46045	15.50254	2.93E-01	3.78E-01	3.58E-01	5.66E+00	7.29E+00	6.90E+00	4.76E+00	6.13E+00	5.80E+00
171	495107.04, 3860489.65	0.16539	3.71611	2.98802	5.07E-02	6.54E-02	6.18E-02	1.14E+00	1.47E+00	1.39E+00	9.17E-01	1.18E+00	1.12E+00
172	495107.04, 3860589.65	0.20851	4.81471	3.76577	6.40E-02	8.24E-02	7.79E-02	1.48E+00	1.90E+00	1.80E+00	1.16E+00	1.49E+00	1.41E+00
173	495107.04, 3860689.65	0.25993	6.29467	4.66259	7.97E-02	1.03E-01	9.72E-02	1.93E+00	2.49E+00	2.35E+00	1.43E+00	1.84E+00	1.74E+00
174	495107.04, 3860789.65	0.3227	7.84232	5.77093	9.90E-02	1.28E-01	1.21E-01	2.41E+00	3.10E+00	2.93E+00	1.77E+00	2.28E+00	2.16E+00
175	495107.04, 3860889.65	0.4023	9.61901	7.48388	1.23E-01	1.59E-01	1.50E-01	2.95E+00	3.80E+00	3.60E+00	2.30E+00	2.96E+00	2.80E+00
176	495107.04, 3860989.65	0.49364	11.31248	9.02412	1.51E-01	1.95E-01	1.85E-01	3.47E+00	4.47E+00	4.23E+00	2.77E+00	3.57E+00	3.37E+00
177	495107.04, 3861089.65	0.60832	13.47869	10.7878	1.87E-01	2.40E-01	2.27E-01	4.13E+00	5.33E+00	5.04E+00	3.31E+00	4.26E+00	4.03E+00
178	495107.04, 3861189.65	0.73644	15.74137	12.55126	2.26E-01	2.91E-01	2.75E-01	4.83E+00	6.22E+00	5.88E+00	3.85E+00	4.96E+00	4.69E+00
179	495107.04, 3861289.65	0.91545	17.89711	15.02469	2.81E-01	3.62E-01	3.42E-01	5.49E+00	7.07E+00	6.69E+00	4.61E+00	5.94E+00	5.62E+00
180	495207.04, 3860489.65	0.16338	3.6338	2.88984	5.01E-02	6.46E-02	6.11E-02	1.11E+00	1.44E+00	1.36E+00	8.87E-01	1.14E+00	1.08E+00
181	495207.04, 3860589.65	0.20598	4.80104	3.7099	6.32E-02	8.14E-02	7.70E-02	1.47E+00	1.90E+00	1.79E+00	1.14E+00	1.47E+00	1.39E+00
182	495207.04, 3860689.65	0.25757	6.31739	4.67052	7.90E-02	1.02E-01	9.63E-02	1.94E+00	2.50E+00	2.36E+00	1.43E+00	1.85E+00	1.75E+00
183	495207.04, 3860789.65	0.31961	7.87327	5.85714	9.80E-02	1.26E-01	1.19E-01	2.42E+00	3.11E+00	2.94E+00	1.80E+00	2.31E+00	2.19E+00
184	495207.04, 3860889.65	0.38644	9.08398	7.12787	1.19E-01	1.53E-01	1.44E-01	2.79E+00	3.59E+00	3.40E+00	2.19E+00	2.82E+00	2.66E+00
185	495207.04, 3860989.65	0.46461	10.47803	8.27212	1.43E-01	1.84E-01	1.74E-01	3.21E+00	4.14E+00	3.92E+00	2.54E+00	3.27E+00	3.09E+00
186	495207.04, 3861089.65	0.58422	13.13858	10.52134	1.79E-01	2.31E-01	2.18E-01	4.03E+00	5.19E+00	4.91E+00	3.23E+00	4.16E+00	3.93E+00
187	495207.04, 3861189.65	0.71654	15.4346	12.32536	2.20E-01	2.83E-01	2.68E-01	4.73E+00	6.10E+00	5.77E+00	3.78E+00	4.87E+00	4.61E+00
188	495207.04, 3861289.65	0.89466	17.14882	14.70666	2.74E-01	3.54E-01	3.34E-01	5.26E+00	6.78E+00	6.41E+00	4.51E+00	5.81E+00	5.50E+00
189	495207.04, 3861389.65	1.10583	19.47618	17.28272	3.39E-01	4.37E-01	4.13E-01	5.97E+00	7.70E+00	7.28E+00	5.30E+00	6.83E+00	6.46E+00
190	495307.04, 3860489.65	0.16152	3.59037	2.78455	4.95E-02	6.38E-02	6.04E-02	1.10E+00	1.42E+00	1.34E+00	8.54E-01	1.10E+00	1.04E+00
191	495307.04, 3860589.65	0.20173	4.64395	3.53332	6.19E-02	7.97E-02	7.54E-02	1.42E+00	1.84E+00	1.74E+00	1.08E+00	1.40E+00	1.32E+00
192	495307.04, 3860689.65	0.25131	6.06364	4.4855	7.71E-02	9.93E-02	9.39E-02	1.86E+00	2.40E+00	2.27E+00	1.38E+00	1.77E+00	1.68E+00
193	495307.04, 3860789.65	0.30557	7.23478	5.51616	9.37E-02	1.21E-01	1.14E-01	2.22E+00	2.86E+00	2.70E+00	1.69E+00	2.18E+00	2.06E+00
194	495307.04, 3860889.65	0.36695	8.30266	6.4769	1.13E-01	1.45E-01	1.37E-01	2.55E+00	3.28E+00	3.10E+00	1.99E+00	2.56E+00	2.42E+00
195	495307.04, 3860989.65	0.45798	10.54223	8.33565	1.40E-01	1.81E-01	1.71E-01	3.23E+00	4.17E+00	3.94E+00	2.56E+00	3.29E+00	3.12E+00
196	495307.04, 3861089.65	0.56204	12.87782	10.15893	1.72E-01	2.22E-01	2.10E-01	3.95E+00	5.09E+00	4.81E+00	3.12E+00	4.01E+00	3.80E+00
197	495307.04, 3861189.65	0.70933	15.13686	12.36774	2.18E-01	2.80E-01	2.65E-01	4.64E+00	5.98E+00	5.66E+00	3.79E+00	4.89E+00	4.62E+00
198	495307.04, 3861289.65	0.86925	16.58332	14.31109	2.67E-01	3.43E-01	3.25E-01	5.09E+00	6.55E+00	6.20E+00	4.39E+00	5.65E+00	5.35E+00
199	495307.04, 3861389.65	1.06111	18.78962	16.65642	3.26E-01	4.19E-01	3.97E-01	5.76E+00	7.42E+00	7.02E+00	5.11E+00	6.58E+00	6.23E+00
200	495407.04, 3860489.65	0.16066	3.5996	2.75161	4.93E-02	6.35E-02	6.01E-02	1.10E+00	1.42E+00	1.35E+00	8.44E-01	1.09E+00	1.03E+00
201	495407.04, 3860589.65	0.19992	4.63479	3.51902	6.13E-02	7.90E-02	7.47E-02	1.42E+00	1.83E+00	1.73E+00	1.08E+00	1.39E+00	1.32E+00
202	495407.04, 3860689.65	0.24182	5.56355	4.18592	7.42E-02	9.56E-02	9.04E-02	1.71E+00	2.20E+00	2.08E+00	1.28E+00	1.65E+00	1.56E+00
203	495407.04, 3860789.65	0.29238	6.57627	5.11964	8.97E-02	1.16E-01	1.09E-01	2.02E+00	2.60E+00	2.46E+00	1.57E+00	2.02E+00	1.91E+00
204	495407.04, 3860889.65	0.36054	8.24096	6.44621	1.11E-01	1.42E-01	1.35E-01	2.53E+00	3.26E+00	3.08E+00	1.98E+00	2.55E+00	2.41E+00
205	495407.04, 3860989.65	0.44893	10.50351	8.327	1.38E-01	1.77E-01	1.68E-01	3.22E+00	4.15E+00	3.93E+00	2.55E+00	3.29E+00	3.11E+00
206	495407.04, 3861089.65	0.55715	12.89176	10.2214	1.71E-01	2.20E-01	2.08E-01	3.95E+00	5.09E+00	4.82E+00	3.14E+00	4.04E+00	3.82E+00
207	495407.04, 3861189.65	0.68529	14.84358	11.99144	2.10E-01	2.71E-01	2.56E-01	4.55E+00	5.87E+00	5.55E+00	3.68E+00	4.74E+00	4.48E+00
208	495407.04, 3861289.65	0.83391	16.29563	13.9151	2.56E-01	3.30E-01	3.12E-01	5.00E+00	6.44E+00	6.09E+00	4.27E+00	5.50E+00	5.20E+00
209	495407.04, 3861389.65	1.01899	18.24839	16.13	3.13E-01	4.03E-01	3.81E-01	5.60E+00	7.21E+00	6.82E+00	4.95E+00	6.37E+00	6.03E+00
210	495507.04, 3860589.65	0.1907	4.08016	3.13177	5.85E-02	7.54E-02	7.13E-02	1.25E+00	1.61E+00	1.53E+00	9.61E-01	1.24E+00	1.17E+00
211	495507.04, 3860689.65	0.2332	5.06359	3.88762	7.15E-02	9.21E-02	8.72E-02	1.55E+00	2.00E+00	1.89E+00	1.19E+00	1.54E+00	1.45E+00
212	495507.04, 3860789.65	0.27999	5.9572	4.71048	8.59E-02	1.11E-01	1.05E-01	1.83E+00	2.35E+00	2.23E+00	1.45E+00	1.86E+00	1.76E+00
213	495507.04, 3860889.65	0.34403	7.69076	6.05573	1.06E-01	1.36E-01	1.29E-01	2.36E+00	3.04E+00	2.88E+00	1.86E+00	2.39E+00	2.26E+00
214	495507.04, 3860989.65	0.44552	10.63499	8.41938	1.37E-01	1.76E-01	1.67E-01	3.26E+00	4.20E+00	3.98E+00	2.58E+00	3.33E+00	3.15E+00
215	495507.04, 3861089.65	0.548	12.79444	10.16405	1.68E-01	2.17E-01	2.05E-01	3.92E+00	5.06E+00	4.78E+00	3.12E+00	4.02E+00	3.80E+00
216	495507.04, 3861189.65	0.66127	14.54051	11.64325	2.03E-01	2.61E-01	2.47E-01	4.46E+00	5.75E+00	5.44E+00	3.57E+00	4.60E+00	4.35E+00
217	495507.04, 3861289.65	0.79593	16.14015	13.52413	2.44E-01	3.15E-01	2.98E-01	4.95E+00	6.38E+00	6.03E+00	4.15E+00	5.34E+00	5.06E+00
218	495507.04, 3861389.65	0.97293	17.82579	15.4738	2.98E-01	3.84E-01	3.64E-01	5.47E+00	7.04E+00	6.66E+00	4.75E+00	6.11E+00	5.78E+00
219	495507.04, 3861489.65	1.19966	20.17773	18.26115	3.68E-01	4.74E-01	4.48E-01	6.19E+00	7.97E+00	7.54E+00	5.60E+00	7.22E+00	6.83E+00
220	495607.04, 3860589.65	0.18158	3.6064	2.79317	5.57E-02	7.17E-02	6.79E-02	1.11E+00	1.43E+00	1.35E+00	8.57E-01	1.10E+00	1.04E+00
221	495607.04, 3860689.65	0.22518	4.66305	3.65243	6.91E-02	8.90E-02	8.42E-02	1.43E+00	1.84E+00	1.74E+00	1.12E+00	1.44E+00	1.37E+00
222	495607.04, 3860789.65	0.27082	5.67455	4.48937	8.31E-02	1.07E-01	1.01E-01	1.74E+00	2.24E+00	2.12E+00	1.38E+00	1.77E+00	1.68E+00
223	495607.04, 3860889.65	0.33882	7.70905	6.05614	1.04E-01	1.34E-01	1.27E-01	2.36E+00	3.05E+00	2.88E+00	1.86E+00	2.39E+00	2.26E+00
224	495607.04, 3860989.65	0.43417	10.47889	8.21708	1.33E-01	1.72E-01	1.62E-01	3.21E+00	4.14E+00	3.92E+00	2.52E+00	3.25E+00	3.07E+00
225	495607.04, 3861089.65	0.54797	12.72078	10.27866	1.68E-01	2.17E-01	2.05E-01	3.90E+00	5.03E+00	4.76E+00	3.15E+00	4.06E+00	3.84E+00
226	495607.04, 3861189.65	0.65038	14.21993	11.55506	2.00E-01	2.57E-01	2.43E-01	4.36E+00	5.62E+00	5.32E+00	3.54E+00	4.57E+00	4.32E+00
227	495607.04, 3861289.65	0.77696	15.61202	13.22858	2.38E-01	3.07E-01	2.90E-01	4.79E+00	6.17E+00	5.84E+00	4.06E+00	5.23E+00	4.95E+00
228	495607.04, 3861389.65	0.94236	17.26308	15.14305	2.89E-01	3.72E-01	3.52E-01	5.30E+00	6.82E+00	6.45E+00	4.65E+00	5.98E+00	5.66E+00
229	495607.04, 3861489.65	1.14973	19.51132	17.5462	3.53E-01	4.54E-01	4.30E-01	5.99E+00	7.71E+00	7.29E+00	5.38E+00	6.93E+00	6.56E+00
230	495707.04, 3860589.65	0.15766	2.85923	1.90512	4.84E-02	6.23E-02	5.89E-02	8.77E-01	1.13E+00	1.07E+00	5.84E-01	7.53E-01	7.12E-01
231	495707.04, 3860689.65	0.2045	3.67318	2.85449	6.27E-02	8.08E-02	7.64E-02	1.13E+00	1.45E+00	1.37E+00	8.76E-01	1.13E+00	1.07E+00
232	495707.04, 3860789.65	0.25385	4.93859	3.90959	7.79E-02	1.00E-01	9.49E-02	1.52E+00	1.95E+00	1.85E+00	1.20E+00	1.54E+00	1.46E+00
233	495707.04, 3860889.65	0.34709	8.34117	6.5756	1.06E-01	1.37E-01	1.30E-01	2.56E+00	3.30E+00	3.12E+00	2.02E+00	2.60E+00	2.46E+00
234	495707.04, 3860989.65	0.43206	10.59522	8.31896	1.33E-01	1.71E-01	1.62E-01	3.25E+00	4.19E+00	3.96E+00	2.55E+00	3.29E+00	3.11E+00
235	495707.04, 3861089.65	0.53911	12.54455	10.22315	1.65E-01	2.13E-01	2.02E-01	3.85E+00	4.96E+00	4.69E+00	3.14E+00	4.04E+00	3.82E+00
236	495707.04, 3861189.65	0.64421	13.75481	11.51809	1.98E-01	2.55E-01	2.41E-01	4.22E+00	5.44E+00	5.14E+00	3.53E+00	4.55E+00	4.31E+00
237	495707.04, 3861289.65	0.76466	15.02447	12.93826	2.35E-01	3.02E-01	2.86E-01	4.61E+00	5.94E+00	5.62E+00	3.97E+00	5.11E+00	4.84E+00
238	495707.04, 3861389.65	0.91323	16.69999	14.74688	2.80E-01	3.61E-01	3.41E-01	5.12E+00	6.60E+00	6.24E+00	4.52E+00	5.83E+00	5.51E+00
239	495707.04, 3861489.65	1.12052	19.29244	17.11453	3.44E-01	4.43E-01	4.19E-01	5.92E+00	7.62E+00	7.21E+00	5.25E+00	6.76E+00	6.40E+00
240	495807.04, 3860589.65	0.14444	2.29495	1.58001	4.43E-02	5.71E-02	5.40E-02	7.04E-01	9.07E-01	8.58E-01	4.85E-01	6.24E-01	5.91E-01
241	495807.04, 3860689.65	0.18991	3.24318	2.33241	5.83E-02	7.50E-02	7.10E-02	9.95E-01	1.28E+00	1.21E+00	7.16E-01	9.22E-01	8.72E-01
242	495807.04, 3860789.65	0.26059	5.52376	4.33553	7.99E-02	1.03E-01	9.74E-02	1.69E+00	2.18E+00	2.06E+00	1.33E+00	1.71E+00	1.62E+00
243	495807.04, 3860889.65	0.34552	8.50999	6.6851	1.06E-01	1.37E-01	1.29E-01	2.61E+00	3.36E+00	3.18E+00	2.05E+00	2.64E+00	2.50E+00
244	495807.04, 3860989.65	0.4174	10.31405	8.07161	1.28E-01	1.65E-01	1.56E-01	3.16E+00	4.08E+00	3.86E+00	2.48E+00	3.19E+00	3.02E+00
245	495807.04, 3861089.65	0.52712	12.3535	10.06284	1.62E-01	2.08E-01	1.97E-01	3.79E+00	4.88E+00	4.62E+00	3.09E+00	3.98E+00	3.76E+00

246	495807.04, 3861189.65	0.63109	13.46275	11.37369	1.94E-01	2.49E-01	2.36E-01	4.13E+00	5.32E+00	5.03E+00	3.49E+00	4.49E+00	4.25E+00
247	495807.04, 3861289.65	0.74737	14.71515	12.70502	2.29E-01	2.95E-01	2.79E-01	4.51E+00	5.81E+00	5.50E+00	3.90E+00	5.02E+00	4.75E+00
248	495807.04, 3861389.65	0.88607	16.14468	14.44547	2.72E-01	3.50E-01	3.31E-01	4.95E+00	6.38E+00	6.04E+00	4.43E+00	5.71E+00	5.40E+00
249	495807.04, 3861489.65	1.07933	18.64838	16.37577	3.31E-01	4.26E-01	4.03E-01	5.72E+00	7.37E+00	6.97E+00	5.02E+00	6.47E+00	6.12E+00
250	495907.04, 3860689.65	0.16426	2.60889	1.70306	5.04E-02	6.49E-02	6.14E-02	8.00E-01	1.03E+00	9.75E-01	5.22E-01	6.73E-01	6.37E-01
251	495907.04, 3860789.65	0.23848	4.42608	3.51466	7.32E-02	9.42E-02	8.92E-02	1.36E+00	1.75E+00	1.65E+00	1.08E+00	1.39E+00	1.31E+00
252	495907.04, 3860889.65	0.33412	8.23465	6.37698	1.02E-01	1.32E-01	1.25E-01	2.53E+00	3.25E+00	3.08E+00	1.96E+00	2.52E+00	2.38E+00
253	495907.04, 3860989.65	0.40506	10.14835	7.86293	1.24E-01	1.60E-01	1.51E-01	3.11E+00	4.01E+00	3.79E+00	2.41E+00	3.11E+00	2.94E+00
254	495907.04, 3861089.65	0.50446	12.15725	9.62744	1.55E-01	1.99E-01	1.89E-01	3.73E+00	4.80E+00	4.54E+00	2.95E+00	3.80E+00	3.60E+00
255	495907.04, 3861189.65	0.60843	13.29806	11.04673	1.87E-01	2.40E-01	2.27E-01	4.08E+00	5.25E+00	4.97E+00	3.39E+00	4.37E+00	4.13E+00
256	495907.04, 3861289.65	0.71904	14.45446	12.41993	2.21E-01	2.84E-01	2.69E-01	4.43E+00	5.71E+00	5.40E+00	3.81E+00	4.91E+00	4.64E+00
257	495907.04, 3861389.65	0.85257	15.85452	13.98872	2.62E-01	3.37E-01	3.19E-01	4.86E+00	6.26E+00	5.93E+00	4.29E+00	5.53E+00	5.23E+00
258	495907.04, 3861489.65	1.03406	18.04869	15.88664	3.17E-01	4.09E-01	3.87E-01	5.54E+00	7.13E+00	6.75E+00	4.87E+00	6.28E+00	5.94E+00
259	495907.04, 3861589.65	1.23919	20.9352	18.31035	3.80E-01	4.90E-01	4.63E-01	6.42E+00	8.27E+00	7.83E+00	5.62E+00	7.24E+00	6.85E+00
260	496007.04, 3860689.65	0.19814	3.63775	2.83051	6.08E-02	7.83E-02	7.41E-02	1.12E+00	1.44E+00	1.36E+00	8.68E-01	1.12E+00	1.06E+00
261	496007.04, 3860789.65	0.24945	5.28155	4.14236	7.65E-02	9.86E-02	9.33E-02	1.62E+00	2.09E+00	1.97E+00	1.27E+00	1.64E+00	1.55E+00
262	496007.04, 3860889.65	0.33576	8.52446	6.62282	1.03E-01	1.33E-01	1.26E-01	2.62E+00	3.37E+00	3.19E+00	2.03E+00	2.62E+00	2.48E+00
263	496007.04, 3860989.65	0.39351	9.99681	7.62974	1.21E-01	1.55E-01	1.47E-01	3.07E+00	3.95E+00	3.74E+00	2.34E+00	3.01E+00	2.85E+00
264	496007.04, 3861089.65	0.48467	11.90479	9.22399	1.49E-01	1.92E-01	1.81E-01	3.65E+00	4.70E+00	4.45E+00	2.83E+00	3.64E+00	3.45E+00
265	496007.04, 3861189.65	0.58167	13.22142	10.58813	1.78E-01	2.30E-01	2.17E-01	4.06E+00	5.22E+00	4.94E+00	3.25E+00	4.18E+00	3.96E+00
266	496007.04, 3861289.65	0.68819	14.33061	11.97438	2.11E-01	2.72E-01	2.57E-01	4.40E+00	5.66E+00	5.36E+00	3.67E+00	4.73E+00	4.48E+00
267	496007.04, 3861389.65	0.8171	15.64005	13.60098	2.51E-01	3.23E-01	3.05E-01	4.80E+00	6.18E+00	5.85E+00	4.17E+00	5.37E+00	5.08E+00
268	496007.04, 3861489.65	0.98399	17.2786	15.31184	3.02E-01	3.89E-01	3.68E-01	5.30E+00	6.83E+00	6.46E+00	4.70E+00	6.05E+00	5.72E+00
269	496007.04, 3861589.65	1.18535	20.12918	17.58413	3.64E-01	4.68E-01	4.43E-01	6.18E+00	7.95E+00	7.53E+00	5.39E+00	6.95E+00	6.57E+00
270	496107.04, 3860689.65	0.18927	3.38072	2.52892	5.81E-02	7.48E-02	7.08E-02	1.04E+00	1.34E+00	1.26E+00	7.76E-01	9.99E-01	9.45E-01
271	496107.04, 3860789.65	0.24495	5.20023	4.08294	7.51E-02	9.68E-02	9.16E-02	1.60E+00	2.05E+00	1.94E+00	1.25E+00	1.61E+00	1.53E+00
272	496107.04, 3860889.65	0.31991	8.02441	6.16355	9.81E-02	1.26E-01	1.20E-01	2.46E+00	3.17E+00	3.00E+00	1.89E+00	2.44E+00	2.30E+00
273	496107.04, 3860989.65	0.36731	9.27644	6.79752	1.13E-01	1.45E-01	1.37E-01	2.85E+00	3.67E+00	3.47E+00	2.09E+00	2.69E+00	2.54E+00
274	496107.04, 3861089.65	0.46127	11.51843	8.76936	1.42E-01	1.82E-01	1.72E-01	3.53E+00	4.55E+00	4.31E+00	2.69E+00	3.47E+00	3.28E+00
275	496107.04, 3861189.65	0.54999	12.89564	10.2237	1.69E-01	2.17E-01	2.06E-01	3.96E+00	5.10E+00	4.82E+00	3.14E+00	4.04E+00	3.82E+00
276	496107.04, 3861289.65	0.65278	14.30359	11.76683	2.00E-01	2.58E-01	2.44E-01	4.39E+00	5.65E+00	5.35E+00	3.61E+00	4.65E+00	4.40E+00
277	496107.04, 3861389.65	0.78042	15.70958	13.20825	2.39E-01	3.08E-01	2.92E-01	4.82E+00	6.21E+00	5.87E+00	4.05E+00	5.22E+00	4.94E+00
278	496107.04, 3861489.65	0.92888	17.12114	14.92911	2.85E-01	3.67E-01	3.47E-01	5.25E+00	6.77E+00	6.40E+00	4.58E+00	5.90E+00	5.58E+00
279	496107.04, 3861589.65	1.12974	19.40849	17.09201	3.47E-01	4.46E-01	4.22E-01	5.95E+00	7.67E+00	7.26E+00	5.24E+00	6.75E+00	6.39E+00
280	496207.04, 3860689.65	0.18884	3.41736	2.57454	5.79E-02	7.46E-02	7.06E-02	1.05E+00	1.35E+00	1.28E+00	7.90E-01	1.02E+00	9.62E-01
281	496207.04, 3860789.65	0.22514	4.19537	3.29798	6.91E-02	8.90E-02	8.42E-02	1.29E+00	1.66E+00	1.57E+00	1.01E+00	1.30E+00	1.23E+00
282	496207.04, 3860889.65	0.28553	6.59445	4.87407	8.76E-02	1.13E-01	1.07E-01	2.02E+00	2.61E+00	2.47E+00	1.50E+00	1.93E+00	1.82E+00
283	496207.04, 3860989.65	0.36002	9.17125	6.64879	1.10E-01	1.42E-01	1.35E-01	2.81E+00	3.62E+00	3.43E+00	2.04E+00	2.63E+00	2.49E+00
284	496207.04, 3861089.65	0.42828	10.71727	7.81925	1.31E-01	1.69E-01	1.60E-01	3.29E+00	4.23E+00	4.01E+00	2.40E+00	3.09E+00	2.92E+00
285	496207.04, 3861189.65	0.5121	12.39463	9.46879	1.57E-01	2.02E-01	1.91E-01	3.80E+00	4.90E+00	4.63E+00	2.90E+00	3.74E+00	3.54E+00
286	496207.04, 3861289.65	0.6148	13.97806	11.16132	1.89E-01	2.43E-01	2.30E-01	4.29E+00	5.52E+00	5.23E+00	3.42E+00	4.41E+00	4.17E+00
287	496207.04, 3861389.65	0.74128	15.61057	12.89117	2.27E-01	2.93E-01	2.77E-01	4.79E+00	6.17E+00	5.84E+00	3.95E+00	5.09E+00	4.82E+00
288	496207.04, 3861489.65	0.88665	17.06564	14.5899	2.72E-01	3.50E-01	3.31E-01	5.24E+00	6.74E+00	6.38E+00	4.48E+00	5.77E+00	5.45E+00
289	496207.04, 3861589.65	1.07806	18.71571	16.51864	3.31E-01	4.26E-01	4.03E-01	5.74E+00	7.40E+00	7.00E+00	5.07E+00	6.53E+00	6.18E+00
290	496207.04, 3861689.65	1.30029	22.18606	19.14688	3.99E-01	5.14E-01	4.86E-01	6.81E+00	8.77E+00	8.29E+00	5.87E+00	7.57E+00	7.16E+00
291	496307.04, 3860689.65	0.16773	2.98434	1.89515	5.15E-02	6.63E-02	6.27E-02	9.16E-01	1.18E+00	1.12E+00	5.81E-01	7.49E-01	7.08E-01
292	496307.04, 3860789.65	0.19574	3.38399	2.20199	6.00E-02	7.73E-02	7.32E-02	1.04E+00	1.34E+00	1.27E+00	6.76E-01	8.70E-01	8.23E-01
293	496307.04, 3860889.65	0.26153	5.43733	3.93219	8.02E-02	1.03E-01	9.78E-02	1.67E+00	2.15E+00	2.03E+00	1.21E+00	1.55E+00	1.47E+00
294	496307.04, 3860989.65	0.32048	7.44077	5.26291	9.83E-02	1.27E-01	1.20E-01	2.28E+00	2.94E+00	2.78E+00	1.61E+00	2.08E+00	1.97E+00
295	496307.04, 3861089.65	0.39359	9.70071	6.80542	1.21E-01	1.56E-01	1.47E-01	2.98E+00	3.83E+00	3.63E+00	2.09E+00	2.69E+00	2.54E+00
296	496307.04, 3861189.65	0.47419	11.5625	8.46069	1.45E-01	1.87E-01	1.77E-01	3.55E+00	4.57E+00	4.32E+00	2.60E+00	3.34E+00	3.16E+00
297	496307.04, 3861289.65	0.58084	13.44783	10.48176	1.78E-01	2.30E-01	2.17E-01	4.13E+00	5.31E+00	5.03E+00	3.22E+00	4.14E+00	3.92E+00
298	496307.04, 3861389.65	0.70828	15.386	12.59279	2.17E-01	2.80E-01	2.65E-01	4.72E+00	6.08E+00	5.75E+00	3.86E+00	4.98E+00	4.71E+00
299	496307.04, 3861489.65	0.852	16.705	14.24539	2.61E-01	3.37E-01	3.19E-01	5.12E+00	6.60E+00	6.24E+00	4.37E+00	5.63E+00	5.33E+00
300	496307.04, 3861589.65	1.01954	17.89271	15.72806	3.13E-01	4.03E-01	3.81E-01	5.49E+00	7.07E+00	6.69E+00	4.82E+00	6.21E+00	5.88E+00
301	496307.04, 3861689.65	1.23346	21.27459	18.44346	3.78E-01	4.87E-01	4.61E-01	6.53E+00	8.41E+00	7.95E+00	5.66E+00	7.29E+00	6.89E+00
302	496407.04, 3860789.65	0.20542	3.6725	2.63252	6.30E-02	8.12E-02	7.68E-02	1.13E+00	1.45E+00	1.37E+00	8.08E-01	1.04E+00	9.84E-01
303	496407.04, 3860889.65	0.2523	5.13753	3.67709	7.74E-02	9.97E-02	9.43E-02	1.58E+00	2.03E+00	1.92E+00	1.13E+00	1.45E+00	1.37E+00
304	496407.04, 3860989.65	0.30448	6.7953	4.82062	9.34E-02	1.20E-01	1.14E-01	2.08E+00	2.69E+00	2.54E+00	1.48E+00	1.90E+00	1.80E+00
305	496407.04, 3861089.65	0.36742	8.80556	6.17275	1.13E-01	1.45E-01	1.37E-01	2.70E+00	3.48E+00	3.29E+00	1.89E+00	2.44E+00	2.31E+00
306	496407.04, 3861189.65	0.45044	10.95309	7.85327	1.38E-01	1.78E-01	1.68E-01	3.36E+00	4.33E+00	4.09E+00	2.41E+00	3.10E+00	2.94E+00
307	496407.04, 3861289.65	0.56021	13.10936	10.15808	1.72E-01	2.21E-01	2.09E-01	4.02E+00	5.18E+00	4.90E+00	3.12E+00	4.01E+00	3.80E+00
308	496407.04, 3861389.65	0.67804	14.97444	12.19494	2.08E-01	2.68E-01	2.53E-01	4.59E+00	5.92E+00	5.60E+00	3.74E+00	4.82E+00	4.56E+00
309	496407.04, 3861489.65	0.80921	16.66953	13.89193	2.48E-01	3.20E-01	3.03E-01	5.11E+00	6.59E+00	6.23E+00	4.26E+00	5.49E+00	5.19E+00
310	496407.04, 3861589.65	0.96494	18.21763	15.56976	2.96E-01	3.81E-01	3.61E-01	5.59E+00	7.20E+00	6.81E+00	4.78E+00	6.15E+00	5.82E+00
311	496407.04, 3861689.65	1.16779	20.32966	17.67498	3.58E-01	4.61E-01	4.37E-01	6.24E+00	8.03E+00	7.60E+00	5.42E+00	6.98E+00	6.61E+00
312	496507.04, 3860789.65	0.19739	3.60374	2.41102	6.06E-02	7.80E-02	7.38E-02	1.11E+00	1.42E+00	1.35E+00	7.40E-01	9.53E-01	9.01E-01
313	496507.04, 3860889.65	0.23465	4.37285	3.11641	7.20E-02	9.27E-02	8.77E-02	1.34E+00	1.73E+00	1.63E+00	9.56E-01	1.23E+00	1.17E+00
314	496507.04, 3860989.65	0.27607	5.54446	3.84624	8.47E-02	1.09E-01	1.03E-01	1.70E+00	2.19E+00	2.07E+00	1.18E+00	1.52E+00	1.44E+00
315	496507.04, 3861089.65	0.34005	7.63533	5.34541	1.04E-01	1.34E-01	1.27E-01	2.34E+00	3.02E+00	2.85E+00	1.64E+00	2.11E+00	2.00E+00
316	496507.04, 3861189.65	0.44066	10.77349	7.76024	1.35E-01	1.74E-01	1.65E-01	3.30E+00	4.26E+00	4.03E+00	2.38E+00	3.07E+00	2.90E+00
317	496507.04, 3861289.65	0.53158	12.47341	9.40884	1.63E-01	2.10E-01	1.99E-01	3.83E+00	4.93E+00	4.66E+00	2.89E+00	3.72E+00	3.52E+00
318	496507.04, 3861389.65	0.64149	14.45236	11.44966	1.97E-01	2.53E-01	2.40E-01	4.43E+00	5.71E+00	5.40E+00	3.51E+00	4.52E+00	4.28E+00
319	496507.04, 3861489.65	0.76441	16.30571	13.27214	2.34E-01	3.02E-01	2.86E-01	5.00E+00	6.44E+00	6.10E+00	4.07E+00	5.24E+00	4.96E+00
320	496507.04, 3861589.65	0.91026	18.19597	15.05271	2.79E-01	3.60E-01	3.40E-01	5.58E+00	7.19E+00	6.80E+00	4.62E+00	5.95E+00	5.63E+00
321	496507.04, 3861689.65	1.08446	20.47063	17.09097	3.33E-01	4.29E-01	4.05E-01	6.28E+00	8.09E+00	7.65E+00	5.24E+00	6.75E+00	6.39E+00
322	496607.04, 3860789.65	0.18434	3.35459	2.04757	5.66E-02	7.28E-02	6.89E-02	1.03E+00	1.33E+00	1.25E+00	6.28E-01	8.09E-01	7.65E-01
323	496607.04, 3860889.65	0.21428	3.78682	2.44831	6.57E-02	8.47E-02	8.01E-02	1.16E+00	1.50E+00	1.42E+00	7.51E-01	9.67E-01	9.15E-01
324	496607.04, 3860989.65	0.24537	4.25032	2.83062	7.53E-02	9.70E-02	9.17E-02	1.30E+00	1.68E+00	1.59E+00	8.68E-01	1.12E+00	1.06E+00
325	496607.04, 3861089.65	0.30939	6.31165	4.32362	9.49E-02	1.22E-01	1.16E-01	1.94E+00	2.49E+00	2.36E+00	1.33E+00	1.71E+00	1.62E+00
326	496607.04, 3861189.65	0.40479	9.46691	6.78338	1.24E-01	1.60E-01	1.51E-01	2.90E+00	3.74E+00	3.54E+00	2.08E+00	2.68E+00	2.54E+00
327	496607.04, 3861289.65	0.49151	11.44059	8.42978	1.51E-01	1.94E-01	1.84E-01	3.51E+00	4.52E+00	4.28E+00	2.59E+00	3.33E+00	3.15E+00
328	496607.04, 3861389.65	0.59429	13.6174	10.15765	1.82E-01	2.35E-01	2.22E-01	4.18E+00	5.38E+00	5.09E+00	3.12E+00	4.01E+00	3.80E+00

329	496607.04, 3861489.65	0.71054	15.59074	12.12538	2.18E-01	2.81E-01	2.66E-01	4.78E+00	6.16E+00	5.83E+00	3.72E+00	4.79E+00	4.53E+00
330	496607.04, 3861589.65	0.84709	17.77658	14.20672	2.60E-01	3.35E-01	3.17E-01	5.45E+00	7.02E+00	6.65E+00	4.36E+00	5.61E+00	5.31E+00
331	496607.04, 3861689.65	1.00925	19.95845	16.21658	3.10E-01	3.99E-01	3.77E-01	6.12E+00	7.89E+00	7.46E+00	4.97E+00	6.41E+00	6.06E+00
332	496607.04, 3861789.65	1.14989	22.77687	18.22247	3.53E-01	4.54E-01	4.30E-01	6.99E+00	9.00E+00	8.51E+00	5.59E+00	7.20E+00	6.81E+00
333	496707.04, 3860789.65	0.15739	2.70624	1.48132	4.83E-02	6.22E-02	5.88E-02	8.30E-01	1.07E+00	1.01E+00	4.54E-01	5.85E-01	5.54E-01
334	496707.04, 3860889.65	0.1695	2.77379	1.50722	5.20E-02	6.70E-02	6.34E-02	8.51E-01	1.10E+00	1.04E+00	4.62E-01	5.96E-01	5.63E-01
335	496707.04, 3860989.65	0.22688	3.93043	2.36288	6.96E-02	8.96E-02	8.48E-02	1.21E+00	1.55E+00	1.47E+00	7.25E-01	9.34E-01	8.83E-01
336	496707.04, 3861089.65	0.28665	5.3404	3.68516	8.79E-02	1.13E-01	1.07E-01	1.64E+00	2.11E+00	2.00E+00	1.13E+00	1.46E+00	1.38E+00
337	496707.04, 3861189.65	0.36311	7.71313	5.56163	1.11E-01	1.43E-01	1.36E-01	2.37E+00	3.05E+00	2.88E+00	1.71E+00	2.20E+00	2.08E+00
338	496707.04, 3861289.65	0.45041	10.13023	7.49012	1.38E-01	1.78E-01	1.68E-01	3.11E+00	4.00E+00	3.79E+00	2.30E+00	2.96E+00	2.80E+00
339	496707.04, 3861389.65	0.54848	12.46526	9.21207	1.68E-01	2.17E-01	2.05E-01	3.82E+00	4.93E+00	4.66E+00	2.83E+00	3.64E+00	3.44E+00
340	496707.04, 3861489.65	0.65293	14.34388	11.02904	2.00E-01	2.58E-01	2.44E-01	4.40E+00	5.67E+00	5.36E+00	3.38E+00	4.36E+00	4.12E+00
341	496707.04, 3861589.65	0.78516	16.60008	12.96084	2.41E-01	3.10E-01	2.94E-01	5.09E+00	6.56E+00	6.21E+00	3.98E+00	5.12E+00	4.85E+00
342	496707.04, 3861689.65	0.91811	18.77276	15.23052	2.82E-01	3.63E-01	3.43E-01	5.76E+00	7.42E+00	7.02E+00	4.67E+00	6.02E+00	5.69E+00
343	496707.04, 3861789.65	0.90738	19.38577	13.69918	2.78E-01	3.59E-01	3.39E-01	5.95E+00	7.66E+00	7.25E+00	4.20E+00	5.41E+00	5.12E+00
344	496807.04, 3860789.65	0.13403	2.42817	1.22781	4.11E-02	5.30E-02	5.01E-02	7.45E-01	9.59E-01	9.08E-01	3.77E-01	4.85E-01	4.59E-01
345	496807.04, 3860889.65	0.16289	2.75854	1.42262	5.00E-02	6.44E-02	6.09E-02	8.46E-01	1.09E+00	1.03E+00	4.36E-01	5.62E-01	5.32E-01
346	496807.04, 3860989.65	0.2109	3.58556	2.05103	6.47E-02	8.33E-02	7.88E-02	1.10E+00	1.42E+00	1.34E+00	6.29E-01	8.10E-01	7.67E-01
347	496807.04, 3861089.65	0.27005	4.72424	3.26288	8.28E-02	1.07E-01	1.01E-01	1.45E+00	1.87E+00	1.77E+00	1.00E+00	1.29E+00	1.22E+00
348	496807.04, 3861189.65	0.34243	7.04766	5.03573	1.05E-01	1.35E-01	1.28E-01	2.16E+00	2.78E+00	2.63E+00	1.54E+00	1.99E+00	1.88E+00
349	496807.04, 3861289.65	0.41508	9.1398	6.56481	1.27E-01	1.64E-01	1.55E-01	2.80E+00	3.61E+00	3.42E+00	2.01E+00	2.59E+00	2.45E+00
350	496807.04, 3861389.65	0.50068	11.12833	8.17935	1.54E-01	1.98E-01	1.87E-01	3.41E+00	4.40E+00	4.16E+00	2.51E+00	3.23E+00	3.06E+00
351	496807.04, 3861489.65	0.60922	13.32654	10.03159	1.87E-01	2.41E-01	2.28E-01	4.09E+00	5.27E+00	4.98E+00	3.08E+00	3.96E+00	3.75E+00
352	496807.04, 3861589.65	0.72431	15.33643	12.18456	2.22E-01	2.86E-01	2.71E-01	4.70E+00	6.06E+00	5.73E+00	3.74E+00	4.81E+00	4.56E+00
353	496807.04, 3861689.65	0.81241	16.8715	13.54169	2.49E-01	3.21E-01	3.04E-01	5.18E+00	6.67E+00	6.31E+00	4.15E+00	5.35E+00	5.06E+00
354	496807.04, 3861789.65	0.74511	14.38021	10.45884	2.29E-01	2.94E-01	2.79E-01	4.41E+00	5.68E+00	5.38E+00	3.21E+00	4.13E+00	3.91E+00
355	496907.04, 3860889.65	0.1808	3.22056	1.74837	5.55E-02	7.14E-02	6.76E-02	9.88E-01	1.27E+00	1.20E+00	5.36E-01	6.91E-01	6.54E-01
356	496907.04, 3860989.65	0.21811	3.70818	2.28389	6.69E-02	8.62E-02	8.15E-02	1.14E+00	1.47E+00	1.39E+00	7.01E-01	9.02E-01	8.54E-01
357	496907.04, 3861089.65	0.26529	4.70112	3.23423	8.14E-02	1.05E-01	9.92E-02	1.44E+00	1.86E+00	1.76E+00	9.92E-01	1.28E+00	1.21E+00
358	496907.04, 3861189.65	0.3135	5.97	4.15941	9.62E-02	1.24E-01	1.17E-01	1.83E+00	2.36E+00	2.23E+00	1.28E+00	1.64E+00	1.55E+00
359	496907.04, 3861289.65	0.36926	7.54563	5.20058	1.13E-01	1.46E-01	1.38E-01	2.31E+00	2.98E+00	2.82E+00	1.60E+00	2.05E+00	1.94E+00
360	496907.04, 3861389.65	0.46457	10.08829	7.43525	1.43E-01	1.84E-01	1.74E-01	3.09E+00	3.99E+00	3.77E+00	2.28E+00	2.94E+00	2.78E+00
361	496907.04, 3861489.65	0.56279	12.05261	9.13928	1.73E-01	2.22E-01	2.10E-01	3.70E+00	4.76E+00	4.51E+00	2.80E+00	3.61E+00	3.42E+00
362	496907.04, 3861589.65	0.66129	13.97288	11.00588	2.03E-01	2.61E-01	2.47E-01	4.29E+00	5.52E+00	5.22E+00	3.38E+00	4.35E+00	4.11E+00
363	496907.04, 3861689.65	0.71802	15.14426	11.47515	2.20E-01	2.84E-01	2.68E-01	4.65E+00	5.98E+00	5.66E+00	3.52E+00	4.53E+00	4.29E+00
364	496907.04, 3861789.65	0.76412	15.97211	11.21638	2.34E-01	3.02E-01	2.86E-01	4.90E+00	6.31E+00	5.97E+00	3.44E+00	4.43E+00	4.19E+00
365	496907.04, 3861889.65	0.62116	7.57252	5.7505	1.91E-01	2.45E-01	2.32E-01	2.32E+00	2.99E+00	2.83E+00	1.76E+00	2.27E+00	2.15E+00
366	497007.04, 3860889.65	0.16484	2.80613	1.48882	5.06E-02	6.51E-02	6.16E-02	8.61E-01	1.11E+00	1.05E+00	4.57E-01	5.88E-01	5.57E-01
367	497007.04, 3860989.65	0.19176	3.24353	1.75588	5.88E-02	7.58E-02	7.17E-02	9.95E-01	1.28E+00	1.21E+00	5.39E-01	6.94E-01	6.56E-01
368	497007.04, 3861089.65	0.2112	3.44942	1.86138	6.48E-02	8.35E-02	7.90E-02	1.06E+00	1.36E+00	1.29E+00	5.71E-01	7.36E-01	6.96E-01
369	497007.04, 3861189.65	0.24703	4.09987	2.23405	7.58E-02	9.76E-02	9.23E-02	1.26E+00	1.62E+00	1.53E+00	6.85E-01	8.83E-01	8.35E-01
370	497007.04, 3861289.65	0.34089	6.52545	4.34603	1.05E-01	1.35E-01	1.27E-01	2.00E+00	2.58E+00	2.44E+00	1.33E+00	1.72E+00	1.62E+00
371	497007.04, 3861389.65	0.43704	9.34353	6.7641	1.34E-01	1.73E-01	1.63E-01	2.87E+00	3.69E+00	3.49E+00	2.08E+00	2.67E+00	2.53E+00
372	497007.04, 3861489.65	0.50221	10.32072	7.53128	1.54E-01	1.98E-01	1.88E-01	3.17E+00	4.08E+00	3.86E+00	2.31E+00	2.98E+00	2.82E+00
373	497007.04, 3861589.65	0.59601	12.32018	9.59777	1.83E-01	2.36E-01	2.23E-01	3.78E+00	4.87E+00	4.61E+00	2.94E+00	3.79E+00	3.59E+00
374	497007.04, 3861689.65	0.65258	13.63467	10.08735	2.00E-01	2.58E-01	2.44E-01	4.18E+00	5.39E+00	5.10E+00	3.09E+00	3.99E+00	3.77E+00
375	497007.04, 3861789.65	0.6559	12.42468	8.97043	2.01E-01	2.59E-01	2.45E-01	3.81E+00	4.91E+00	4.64E+00	2.75E+00	3.54E+00	3.35E+00
376	497007.04, 3861889.65	0.56297	6.5562	4.75184	1.73E-01	2.22E-01	2.10E-01	2.01E+00	2.59E+00	2.45E+00	1.46E+00	1.88E+00	1.78E+00
377	497107.04, 3860889.65	0.15204	2.65767	1.3387	4.66E-02	6.01E-02	5.68E-02	8.15E-01	1.05E+00	9.94E-01	4.11E-01	5.29E-01	5.00E-01
378	497107.04, 3860989.65	0.17879	2.9698	1.56751	5.48E-02	7.06E-02	6.68E-02	9.11E-01	1.17E+00	1.11E+00	4.81E-01	6.19E-01	5.86E-01
379	497107.04, 3861089.65	0.21792	3.8634	2.03525	6.69E-02	8.61E-02	8.15E-02	1.19E+00	1.53E+00	1.44E+00	6.24E-01	8.04E-01	7.61E-01
380	497107.04, 3861189.65	0.2644	4.44386	2.81637	8.11E-02	1.04E-01	9.88E-02	1.36E+00	1.76E+00	1.66E+00	8.64E-01	1.11E+00	1.05E+00
381	497107.04, 3861289.65	0.321	5.86084	3.89457	9.85E-02	1.27E-01	1.20E-01	1.80E+00	2.32E+00	2.19E+00	1.19E+00	1.54E+00	1.46E+00
382	497107.04, 3861389.65	0.36394	6.6622	4.44394	1.12E-01	1.44E-01	1.36E-01	2.04E+00	2.63E+00	2.49E+00	1.36E+00	1.76E+00	1.66E+00
383	497107.04, 3861489.65	0.45626	8.9907	6.52278	1.40E-01	1.80E-01	1.71E-01	2.76E+00	3.55E+00	3.36E+00	2.00E+00	2.58E+00	2.44E+00
384	497107.04, 3861589.65	0.51551	10.22247	7.35438	1.58E-01	2.04E-01	1.93E-01	3.14E+00	4.04E+00	3.82E+00	2.26E+00	2.91E+00	2.75E+00
385	497107.04, 3861689.65	0.63413	13.27516	9.8655	1.95E-01	2.51E-01	2.37E-01	4.07E+00	5.25E+00	4.96E+00	3.03E+00	3.90E+00	3.69E+00
386	497107.04, 3861789.65	0.70549	14.97426	10.41912	2.16E-01	2.79E-01	2.64E-01	4.59E+00	5.92E+00	5.60E+00	3.20E+00	4.12E+00	3.90E+00
387	497107.04, 3861889.65	0.61897	8.68664	6.88931	1.90E-01	2.45E-01	2.31E-01	2.66E+00	3.43E+00	3.25E+00	2.11E+00	2.72E+00	2.58E+00
388	497207.04, 3860889.65	0.16339	2.83027	1.51596	5.01E-02	6.46E-02	6.11E-02	8.68E-01	1.12E+00	1.06E+00	4.65E-01	5.99E-01	5.67E-01
389	497207.04, 3860989.65	0.19653	3.57072	1.93567	6.03E-02	7.77E-02	7.35E-02	1.10E+00	1.41E+00	1.33E+00	5.94E-01	7.65E-01	7.24E-01
390	497207.04, 3861089.65	0.2336	4.13463	2.51451	7.17E-02	9.23E-02	8.73E-02	1.27E+00	1.63E+00	1.55E+00	7.71E-01	9.94E-01	9.40E-01
391	497207.04, 3861189.65	0.26509	4.55358	2.93383	8.13E-02	1.05E-01	9.91E-02	1.40E+00	1.80E+00	1.70E+00	9.00E-01	1.16E+00	1.10E+00
392	497207.04, 3861289.65	0.31716	5.94968	3.92899	9.73E-02	1.25E-01	1.19E-01	1.83E+00	2.35E+00	2.22E+00	1.21E+00	1.55E+00	1.47E+00
393	497207.04, 3861389.65	0.37342	7.36608	4.97329	1.15E-01	1.48E-01	1.40E-01	2.26E+00	2.91E+00	2.75E+00	1.53E+00	1.97E+00	1.86E+00
394	497207.04, 3861489.65	0.44936	9.02217	6.50125	1.38E-01	1.78E-01	1.68E-01	2.77E+00	3.57E+00	3.37E+00	1.99E+00	2.57E+00	2.43E+00
395	497207.04, 3861589.65	0.48249	9.4565	6.70936	1.48E-01	1.91E-01	1.80E-01	2.90E+00	3.74E+00	3.54E+00	2.06E+00	2.65E+00	2.51E+00
396	497207.04, 3861689.65	0.60155	12.49917	9.25176	1.85E-01	2.38E-01	2.25E-01	3.83E+00	4.94E+00	4.67E+00	2.84E+00	3.66E+00	3.46E+00
397	497207.04, 3861789.65	0.75719	16.87787	12.39435	2.32E-01	2.99E-01	2.83E-01	5.18E+00	6.67E+00	6.31E+00	3.80E+00	4.90E+00	4.63E+00
398	497207.04, 3861889.65	0.7668	15.68042	11.34426	2.35E-01	3.03E-01	2.87E-01	4.81E+00	6.20E+00	5.86E+00	3.48E+00	4.48E+00	4.24E+00
399	497307.04, 3860889.65	0.17165	2.99137	1.73198	5.27E-02	6.78E-02	6.42E-02	9.18E-01	1.18E+00	1.12E+00	5.31E-01	6.84E-01	6.47E-01
400	497307.04, 3860989.65	0.19772	3.60221	2.02071	6.07E-02	7.81E-02	7.39E-02	1.11E+00	1.42E+00	1.35E+00	6.20E-01	7.98E-01	7.55E-01
401	497307.04, 3861089.65	0.2382	4.22295	2.80765	7.31E-02	9.41E-02	8.90E-02	1.30E+00	1.67E+00	1.58E+00	8.61E-01	1.11E+00	1.05E+00
402	497307.04, 3861189.65	0.28539	5.59769	3.80703	8.75E-02	1.13E-01	1.07E-01	1.72E+00	2.21E+00	2.09E+00	1.17E+00	1.50E+00	1.42E+00
403	497307.04, 3861289.65	0.34218	7.38634	4.97365	1.05E-01	1.35E-01	1.28E-01	2.27E+00	2.92E+00	2.76E+00	1.53E+00	1.97E+00	1.86E+00
404	497307.04, 3861389.65	0.40952	9.07508	6.52634	1.26E-01	1.62E-01	1.53E-01	2.78E+00	3.59E+00	3.39E+00	2.00E+00	2.58E+00	2.44E+00
405	497307.04, 3861489.65	0.48227	10.48488	7.76413	1.48E-01	1.91E-01	1.80E-01	3.22E+00	4.14E+00	3.92E+00	2.38E+00	3.07E+00	2.90E+00
406	497307.04, 3861589.65	0.56112	12.00287	9.2953	1.72E-01	2.22E-01	2.10E-01	3.68E+00	4.74E+00	4.49E+00	2.85E+00	3.67E+00	3.47E+00
407	497307.04, 3861689.65	0.67269	14.63629	11.60199	2.06E-01	2.66E-01	2.51E-01	4.49E+00	5.78E+00	5.47E+00	3.56E+00	4.58E+00	4.34E+00
408	497307.04, 3861789.65	0.80539	17.41476	13.98559	2.47E-01	3.18E-01	3.01E-01	5.34E+00	6.88E+00	6.51E+00	4.29E+00	5.53E+00	5.23E+00
409	497307.04, 3861889.65	0.82575	18.62092	13.16968	2.53E-01	3.26E-01	3.09E-01	5.71E+00	7.36E+00	6.96E+00	4.04E+00	5.20E+00	4.92E+00
410	497307.04, 3861989.65	0.86843	17.67445	12.98751	2.66E-01	3.43E-01	3.25E-01	5.42E+00	6.98E+00	6.61E+00	3.98E+00	5.13E+00	4.86E+00
411	497307.04, 3862089.65	0.76342	9.97847	8.09254	2.34E-01	3.02E-01	2.85E-01	3.06E+00	3.94E+00	3.73E+00	2.48E+00	3.20E+00	3.03E+00

412	497407.04, 3860989.65	0.20406	3.71653	2.27572	6.26E-02	8.06E-02	7.63E-02	1.14E+00	1.47E+00	1.39E+00	6.98E-01	8.99E-01	8.51E-01
413	497407.04, 3861089.65	0.24229	4.48307	3.04839	7.43E-02	9.57E-02	9.06E-02	1.38E+00	1.77E+00	1.68E+00	9.35E-01	1.20E+00	1.14E+00
414	497407.04, 3861189.65	0.28491	5.77667	3.92556	8.74E-02	1.13E-01	1.07E-01	1.77E+00	2.28E+00	2.16E+00	1.20E+00	1.55E+00	1.47E+00
415	497407.04, 3861289.65	0.33535	7.32564	4.88985	1.03E-01	1.33E-01	1.25E-01	2.25E+00	2.89E+00	2.74E+00	1.50E+00	1.93E+00	1.83E+00
416	497407.04, 3861389.65	0.41047	9.36956	6.72443	1.26E-01	1.62E-01	1.53E-01	2.87E+00	3.70E+00	3.50E+00	2.06E+00	2.66E+00	2.51E+00
417	497407.04, 3861489.65	0.47702	10.55042	7.76181	1.46E-01	1.88E-01	1.78E-01	3.24E+00	4.17E+00	3.94E+00	2.38E+00	3.07E+00	2.90E+00
418	497407.04, 3861589.65	0.56069	12.24627	9.59271	1.72E-01	2.22E-01	2.10E-01	3.76E+00	4.84E+00	4.58E+00	2.94E+00	3.79E+00	3.59E+00
419	497407.04, 3861689.65	0.66818	14.72583	11.77144	2.05E-01	2.64E-01	2.50E-01	4.52E+00	5.82E+00	5.51E+00	3.61E+00	4.65E+00	4.40E+00
420	497407.04, 3861789.65	0.80472	17.48335	14.15283	2.47E-01	3.18E-01	3.01E-01	5.36E+00	6.91E+00	6.54E+00	4.34E+00	5.59E+00	5.29E+00
421	497407.04, 3861889.65	0.91438	20.20053	15.77497	2.81E-01	3.61E-01	3.42E-01	6.20E+00	7.98E+00	7.55E+00	4.84E+00	6.23E+00	5.90E+00
422	497407.04, 3861989.65	1.07413	24.12628	18.56263	3.30E-01	4.24E-01	4.02E-01	7.40E+00	9.53E+00	9.02E+00	5.69E+00	7.33E+00	6.94E+00
423	497407.04, 3862089.65	0.9809	19.71859	14.87419	3.01E-01	3.88E-01	3.67E-01	6.05E+00	7.79E+00	7.37E+00	4.56E+00	5.88E+00	5.56E+00
424	497407.04, 3862189.65	1.82194	32.4999	26.76146	5.59E-01	7.20E-01	6.81E-01	9.97E+00	1.28E+01	1.21E+01	8.21E+00	1.06E+01	1.00E+01
425	497507.04, 3860989.65	0.20292	3.75526	2.31435	6.23E-02	8.02E-02	7.59E-02	1.15E+00	1.48E+00	1.40E+00	7.10E-01	9.14E-01	8.65E-01
426	497507.04, 3861089.65	0.23839	4.4493	3.02228	7.31E-02	9.42E-02	8.91E-02	1.36E+00	1.76E+00	1.66E+00	9.27E-01	1.19E+00	1.13E+00
427	497507.04, 3861189.65	0.27949	5.72008	3.86584	8.57E-02	1.10E-01	1.04E-01	1.75E+00	2.26E+00	2.14E+00	1.19E+00	1.53E+00	1.45E+00
428	497507.04, 3861289.65	0.31567	6.62848	4.33802	9.68E-02	1.25E-01	1.18E-01	2.03E+00	2.62E+00	2.48E+00	1.33E+00	1.71E+00	1.62E+00
429	497507.04, 3861389.65	0.39025	8.79899	6.26029	1.20E-01	1.54E-01	1.46E-01	2.70E+00	3.48E+00	3.29E+00	1.92E+00	2.47E+00	2.34E+00
430	497507.04, 3861489.65	0.4641	10.35691	7.56787	1.42E-01	1.83E-01	1.73E-01	3.18E+00	4.09E+00	3.87E+00	2.32E+00	2.99E+00	2.83E+00
431	497507.04, 3861589.65	0.55249	12.21395	9.5367	1.69E-01	2.18E-01	2.07E-01	3.75E+00	4.83E+00	4.57E+00	2.93E+00	3.77E+00	3.57E+00
432	497507.04, 3861689.65	0.65617	14.60234	11.63014	2.01E-01	2.59E-01	2.45E-01	4.48E+00	5.77E+00	5.46E+00	3.57E+00	4.60E+00	4.35E+00
433	497507.04, 3861789.65	0.78308	17.1353	13.9481	2.40E-01	3.09E-01	2.93E-01	5.26E+00	6.77E+00	6.41E+00	4.28E+00	5.51E+00	5.21E+00
434	497507.04, 3861889.65	0.92692	19.50867	16.03395	2.84E-01	3.66E-01	3.47E-01	5.98E+00	7.71E+00	7.29E+00	4.92E+00	6.34E+00	5.99E+00
435	497507.04, 3861989.65	1.10535	22.46171	18.45644	3.39E-01	4.37E-01	4.13E-01	6.89E+00	8.88E+00	8.40E+00	5.66E+00	7.29E+00	6.90E+00
436	497507.04, 3862089.65	1.34592	25.01483	20.80162	4.13E-01	5.32E-01	5.03E-01	7.67E+00	9.88E+00	9.35E+00	6.38E+00	8.22E+00	7.78E+00
437	497607.04, 3860989.65	0.1807	3.20937	1.77527	5.54E-02	7.14E-02	6.76E-02	9.85E-01	1.27E+00	1.20E+00	5.45E-01	7.01E-01	6.64E-01
438	497607.04, 3861089.65	0.2215	4.04978	2.47969	6.79E-02	8.75E-02	8.28E-02	1.24E+00	1.60E+00	1.51E+00	7.61E-01	9.80E-01	9.27E-01
439	497607.04, 3861189.65	0.26557	5.25807	3.46884	8.15E-02	1.05E-01	9.93E-02	1.61E+00	2.08E+00	1.97E+00	1.06E+00	1.37E+00	1.30E+00
440	497607.04, 3861289.65	0.32309	7.19418	4.74292	9.91E-02	1.28E-01	1.21E-01	2.21E+00	2.84E+00	2.69E+00	1.45E+00	1.87E+00	1.77E+00
441	497607.04, 3861389.65	0.38663	8.87574	6.29413	1.19E-01	1.53E-01	1.45E-01	2.72E+00	3.51E+00	3.32E+00	1.93E+00	2.49E+00	2.35E+00
442	497607.04, 3861489.65	0.45885	10.41022	7.54454	1.41E-01	1.81E-01	1.72E-01	3.19E+00	4.11E+00	3.89E+00	2.31E+00	2.98E+00	2.82E+00
443	497607.04, 3861589.65	0.54313	12.17774	9.45687	1.67E-01	2.15E-01	2.03E-01	3.74E+00	4.81E+00	4.55E+00	2.90E+00	3.74E+00	3.54E+00
444	497607.04, 3861689.65	0.6439	14.47815	11.52762	1.98E-01	2.54E-01	2.41E-01	4.44E+00	5.72E+00	5.41E+00	3.54E+00	4.56E+00	4.31E+00
445	497607.04, 3861789.65	0.76044	16.74984	13.58555	2.33E-01	3.00E-01	2.84E-01	5.14E+00	6.62E+00	6.26E+00	4.17E+00	5.37E+00	5.08E+00
446	497607.04, 3861889.65	0.89653	18.92243	15.77481	2.75E-01	3.54E-01	3.35E-01	5.80E+00	7.48E+00	7.07E+00	4.84E+00	6.23E+00	5.90E+00
447	497607.04, 3861989.65	1.05769	21.44068	17.8986	3.24E-01	4.18E-01	3.95E-01	6.58E+00	8.47E+00	8.02E+00	5.49E+00	7.07E+00	6.69E+00
448	497607.04, 3862089.65	1.28245	23.99081	20.17435	3.93E-01	5.07E-01	4.79E-01	7.36E+00	9.48E+00	8.97E+00	6.19E+00	7.97E+00	7.54E+00
449	497607.04, 3862189.65	1.61848	29.19447	24.94072	4.97E-01	6.40E-01	6.05E-01	8.96E+00	1.15E+01	1.09E+01	7.65E+00	9.86E+00	9.32E+00
450	497707.04, 3860989.65	0.18352	3.45256	1.86729	5.63E-02	7.25E-02	6.86E-02	1.06E+00	1.36E+00	1.29E+00	5.73E-01	7.38E-01	6.98E-01
451	497707.04, 3861089.65	0.2205	4.08915	2.52803	6.76E-02	8.71E-02	8.24E-02	1.25E+00	1.62E+00	1.53E+00	7.76E-01	9.99E-01	9.45E-01
452	497707.04, 3861189.65	0.2626	5.29439	3.47421	8.06E-02	1.04E-01	9.82E-02	1.62E+00	2.09E+00	1.98E+00	1.07E+00	1.37E+00	1.30E+00
453	497707.04, 3861289.65	0.30171	6.38152	4.10624	9.26E-02	1.19E-01	1.13E-01	1.96E+00	2.52E+00	2.39E+00	1.26E+00	1.62E+00	1.54E+00
454	497707.04, 3861389.65	0.37056	8.42068	5.91888	1.14E-01	1.46E-01	1.39E-01	2.58E+00	3.33E+00	3.15E+00	1.82E+00	2.34E+00	2.21E+00
455	497707.04, 3861489.65	0.43216	9.72431	6.98439	1.33E-01	1.71E-01	1.62E-01	2.98E+00	3.84E+00	3.64E+00	2.14E+00	2.76E+00	2.61E+00
456	497707.04, 3861589.65	0.51769	11.53236	8.93776	1.59E-01	2.05E-01	1.94E-01	3.54E+00	4.56E+00	4.31E+00	2.74E+00	3.53E+00	3.34E+00
457	497707.04, 3861689.65	0.62485	14.15566	11.2624	1.92E-01	2.47E-01	2.34E-01	4.34E+00	5.59E+00	5.29E+00	3.45E+00	4.45E+00	4.21E+00
458	497707.04, 3861789.65	0.74307	16.47623	13.46446	2.28E-01	2.94E-01	2.78E-01	5.05E+00	6.51E+00	6.16E+00	4.13E+00	5.32E+00	5.03E+00
459	497707.04, 3861889.65	0.85459	18.41773	15.19325	2.62E-01	3.38E-01	3.19E-01	5.65E+00	7.28E+00	6.89E+00	4.66E+00	6.00E+00	5.68E+00
460	497707.04, 3861989.65	0.88269	20.75279	15.17256	2.71E-01	3.49E-01	3.30E-01	6.37E+00	8.20E+00	7.76E+00	4.65E+00	6.00E+00	5.67E+00
461	497707.04, 3862089.65	1.2171	23.02248	19.51557	3.73E-01	4.81E-01	4.55E-01	7.06E+00	9.10E+00	8.61E+00	5.99E+00	7.71E+00	7.30E+00
462	497707.04, 3862189.65	1.49097	27.62183	23.74682	4.57E-01	5.89E-01	5.57E-01	8.47E+00	1.09E+01	1.03E+01	7.28E+00	9.38E+00	8.88E+00
463	497807.04, 3860989.65	0.18152	3.3378	1.87653	5.57E-02	7.17E-02	6.79E-02	1.02E+00	1.32E+00	1.25E+00	5.76E-01	7.41E-01	7.02E-01
464	497807.04, 3861089.65	0.21861	4.10552	2.59375	6.71E-02	8.64E-02	8.17E-02	1.26E+00	1.62E+00	1.53E+00	7.96E-01	1.02E+00	9.70E-01
465	497807.04, 3861189.65	0.25427	5.07493	3.32077	7.80E-02	1.00E-01	9.51E-02	1.56E+00	2.01E+00	1.90E+00	1.02E+00	1.31E+00	1.24E+00
466	497807.04, 3861289.65	0.29331	6.20038	3.94504	9.00E-02	1.16E-01	1.10E-01	1.90E+00	2.45E+00	2.32E+00	1.21E+00	1.56E+00	1.47E+00
467	497807.04, 3861389.65	0.36018	8.19903	5.69255	1.10E-01	1.42E-01	1.35E-01	2.52E+00	3.24E+00	3.07E+00	1.75E+00	2.25E+00	2.13E+00
468	497807.04, 3861489.65	0.42559	9.70195	6.92776	1.31E-01	1.68E-01	1.59E-01	2.98E+00	3.83E+00	3.63E+00	2.13E+00	2.74E+00	2.59E+00
469	497807.04, 3861589.65	0.50823	11.46365	8.82118	1.56E-01	2.01E-01	1.90E-01	3.52E+00	4.53E+00	4.29E+00	2.71E+00	3.49E+00	3.30E+00
470	497807.04, 3861689.65	0.60637	13.83165	11.00297	1.86E-01	2.40E-01	2.27E-01	4.24E+00	5.47E+00	5.17E+00	3.38E+00	4.35E+00	4.11E+00
471	497807.04, 3861789.65	0.71457	16.03445	13.07164	2.19E-01	2.82E-01	2.67E-01	4.92E+00	6.34E+00	5.99E+00	4.01E+00	5.17E+00	4.89E+00
472	497807.04, 3861889.65	0.82681	17.91094	14.93072	2.54E-01	3.27E-01	3.09E-01	5.49E+00	7.08E+00	6.70E+00	4.58E+00	5.90E+00	5.58E+00
473	497807.04, 3861989.65	0.96734	19.66713	16.77542	2.97E-01	3.82E-01	3.62E-01	6.03E+00	7.77E+00	7.35E+00	5.15E+00	6.63E+00	6.27E+00
474	497807.04, 3862089.65	1.15116	22.11749	18.99141	3.53E-01	4.55E-01	4.30E-01	6.79E+00	8.74E+00	8.27E+00	5.83E+00	7.50E+00	7.10E+00
475	497907.04, 3861089.65	0.21676	4.12822	2.59547	6.65E-02	8.57E-02	8.10E-02	1.27E+00	1.63E+00	1.54E+00	7.96E-01	1.03E+00	9.70E-01
476	497907.04, 3861189.65	0.25788	5.40668	3.5167	7.91E-02	1.02E-01	9.64E-02	1.66E+00	2.14E+00	2.02E+00	1.08E+00	1.39E+00	1.31E+00
477	497907.04, 3861289.65	0.29847	6.61728	4.27134	9.16E-02	1.18E-01	1.12E-01	2.03E+00	2.61E+00	2.47E+00	1.31E+00	1.69E+00	1.60E+00
478	497907.04, 3861389.65	0.35151	8.03439	5.53179	1.08E-01	1.39E-01	1.31E-01	2.46E+00	3.17E+00	3.00E+00	1.70E+00	2.19E+00	2.07E+00
479	497907.04, 3861489.65	0.42055	9.72085	6.92835	1.29E-01	1.66E-01	1.57E-01	2.98E+00	3.84E+00	3.63E+00	2.13E+00	2.74E+00	2.59E+00
480	497907.04, 3861589.65	0.49581	11.26616	8.59421	1.52E-01	1.96E-01	1.85E-01	3.46E+00	4.45E+00	4.21E+00	2.64E+00	3.40E+00	3.21E+00
481	497907.04, 3861689.65	0.5845	13.39707	10.64988	1.79E-01	2.31E-01	2.19E-01	4.11E+00	5.29E+00	5.01E+00	3.27E+00	4.21E+00	3.98E+00
482	497907.04, 3861789.65	0.68677	15.59347	12.63324	2.11E-01	2.71E-01	2.57E-01	4.78E+00	6.16E+00	5.83E+00	3.88E+00	4.99E+00	4.72E+00
483	497907.04, 3861889.65	0.79206	17.48607	14.55715	2.43E-01	3.13E-01	2.96E-01	5.36E+00	6.91E+00	6.54E+00	4.47E+00	5.75E+00	5.44E+00
484	497907.04, 3861989.65	0.91628	19.65171	16.51358	2.81E-01	3.62E-01	3.43E-01	6.03E+00	7.77E+00	7.35E+00	5.07E+00	6.53E+00	6.17E+00
485	497907.04, 3862089.65	1.08288	21.12385	18.22215	3.32E-01	4.28E-01	4.05E-01	6.48E+00	8.35E+00	7.90E+00	5.59E+00	7.20E+00	6.81E+00
486	498007.04, 3861089.65	0.20844	4.00792	2.37516	6.39E-02	8.24E-02	7.79E-02	1.23E+00	1.58E+00	1.50E+00	7.29E-01	9.39E-01	8.88E-01
487	498007.04, 3861189.65	0.25501	5.41006	3.50888	7.82E-02	1.01E-01	9.53E-02	1.66E+00	2.14E+00	2.02E+00	1.08E+00	1.39E+00	1.31E+00
488	498007.04, 3861289.65	0.29096	6.46448	4.13713	8.93E-02	1.15E-01	1.09E-01	1.98E+00	2.55E+00	2.42E+00	1.27E+00	1.63E+00	1.55E+00
489	498007.04, 3861389.65	0.34642	8.01255	5.51992	1.06E-01	1.37E-01	1.30E-01	2.46E+00	3.17E+00	3.00E+00	1.69E+00	2.18E+00	2.06E+00
490	498007.04, 3861489.65	0.41824	9.82042	6.99849	1.28E-01	1.65E-01	1.56E-01	3.01E+00	3.88E+00	3.67E+00	2.15E+00	2.77E+00	2.62E+00
491	498007.04, 3861589.65	0.50363	11.93766	9.04176	1.54E-01	1.99E-01	1.88E-01	3.66E+00	4.72E+00	4.46E+00	2.77E+00	3.57E+00	3.38E+00
492	498007.04, 3861689.65	0.58973	13.88018	10.96098	1.81E-01	2.33E-01	2.20E-01	4.26E+00	5.48E+00	5.19E+00	3.36E+00	4.33E+00	4.10E+00
493	498007.04, 3861789.65	0.68046	15.53913	12.71473	2.09E-01	2.69E-01	2.54E-01	4.77E+00	6.14E+00	5.81E+00	3.90E+00	5.02E+00	4.75E+00
494	498007.04, 3861889.65	0.7797	16.76493	14.37553	2.39E-01	3.08E-01	2.91E-01	5.14E+00	6.62E+00	6.27E+00	4.41E+00	5.68E+00	5.37E+00

495	498007.04, 3861989.65	0.88689	17.61436	15.38793	2.72E-01	3.50E-01	3.32E-01	5.40E+00	6.96E+00	6.58E+00	4.72E+00	6.08E+00	5.75E+00
496	498007.04, 3862089.65	1.01646	20.44621	17.72952	3.12E-01	4.02E-01	3.80E-01	6.27E+00	8.08E+00	7.64E+00	5.44E+00	7.01E+00	6.63E+00
497	498107.04, 3861089.65	0.21682	4.27332	2.77436	6.65E-02	8.57E-02	8.11E-02	1.31E+00	1.69E+00	1.60E+00	8.51E-01	1.10E+00	1.04E+00
498	498107.04, 3861189.65	0.26241	5.91161	3.92522	8.05E-02	1.04E-01	9.81E-02	1.81E+00	2.34E+00	2.21E+00	1.20E+00	1.55E+00	1.47E+00
499	498107.04, 3861289.65	0.3099	7.48312	4.97587	9.51E-02	1.22E-01	1.16E-01	2.30E+00	2.96E+00	2.80E+00	1.53E+00	1.97E+00	1.86E+00
500	498107.04, 3861389.65	0.36814	9.09198	6.29582	1.13E-01	1.45E-01	1.38E-01	2.79E+00	3.59E+00	3.40E+00	1.93E+00	2.49E+00	2.35E+00
501	498107.04, 3861489.65	0.43129	10.47712	7.75778	1.32E-01	1.70E-01	1.61E-01	3.21E+00	4.14E+00	3.92E+00	2.38E+00	3.07E+00	2.90E+00
502	498107.04, 3861589.65	0.4999	12.09445	9.30035	1.53E-01	1.98E-01	1.87E-01	3.71E+00	4.78E+00	4.52E+00	2.85E+00	3.67E+00	3.48E+00
503	498107.04, 3861689.65	0.57292	13.62947	10.735	1.76E-01	2.26E-01	2.14E-01	4.18E+00	5.39E+00	5.10E+00	3.29E+00	4.24E+00	4.01E+00
504	498107.04, 3861789.65	0.65691	15.20248	12.41125	2.02E-01	2.60E-01	2.46E-01	4.66E+00	6.01E+00	5.68E+00	3.81E+00	4.90E+00	4.64E+00
505	498107.04, 3861889.65	0.74933	16.39584	14.07602	2.30E-01	2.96E-01	2.80E-01	5.03E+00	6.48E+00	6.13E+00	4.32E+00	5.56E+00	5.26E+00
506	498107.04, 3861989.65	0.84378	17.04504	14.97096	2.59E-01	3.33E-01	3.15E-01	5.23E+00	6.74E+00	6.37E+00	4.59E+00	5.92E+00	5.60E+00
507	498107.04, 3862089.65	0.95164	19.72098	17.15636	2.92E-01	3.76E-01	3.56E-01	6.05E+00	7.79E+00	7.37E+00	5.26E+00	6.78E+00	6.41E+00
508	498207.04, 3861089.65	0.2281	4.8886	3.27922	7.00E-02	9.01E-02	8.53E-02	1.50E+00	1.93E+00	1.83E+00	1.01E+00	1.30E+00	1.23E+00
509	498207.04, 3861189.65	0.27177	6.47365	4.36088	8.34E-02	1.07E-01	1.02E-01	1.99E+00	2.56E+00	2.42E+00	1.34E+00	1.72E+00	1.63E+00
510	498207.04, 3861289.65	0.31273	7.75077	5.21065	9.59E-02	1.24E-01	1.17E-01	2.38E+00	3.06E+00	2.90E+00	1.60E+00	2.06E+00	1.95E+00
511	498207.04, 3861389.65	0.36493	9.13383	6.38627	1.12E-01	1.44E-01	1.36E-01	2.80E+00	3.61E+00	3.41E+00	1.96E+00	2.52E+00	2.39E+00
512	498207.04, 3861489.65	0.42102	10.32734	7.61683	1.29E-01	1.66E-01	1.57E-01	3.17E+00	4.08E+00	3.86E+00	2.34E+00	3.01E+00	2.85E+00
513	498207.04, 3861589.65	0.48195	11.68679	8.89131	1.48E-01	1.90E-01	1.80E-01	3.59E+00	4.62E+00	4.37E+00	2.73E+00	3.51E+00	3.32E+00
514	498207.04, 3861689.65	0.5518	13.21573	10.39989	1.69E-01	2.18E-01	2.06E-01	4.05E+00	5.22E+00	4.94E+00	3.19E+00	4.11E+00	3.89E+00
515	498207.04, 3861789.65	0.63267	14.82919	12.10261	1.94E-01	2.50E-01	2.37E-01	4.55E+00	5.86E+00	5.54E+00	3.71E+00	4.78E+00	4.52E+00
516	498207.04, 3861889.65	0.7173	16.11663	13.7382	2.20E-01	2.83E-01	2.68E-01	4.94E+00	6.37E+00	6.02E+00	4.21E+00	5.43E+00	5.14E+00
517	498207.04, 3861989.65	0.80082	16.54128	14.57471	2.46E-01	3.16E-01	2.99E-01	5.07E+00	6.54E+00	6.18E+00	4.47E+00	5.76E+00	5.45E+00
518	498207.04, 3862089.65	0.88861	19.06342	16.55163	2.73E-01	3.51E-01	3.32E-01	5.85E+00	7.53E+00	7.13E+00	5.08E+00	6.54E+00	6.19E+00
519	498307.04, 3861089.65	0.2265	4.95477	3.31503	6.95E-02	8.95E-02	8.47E-02	1.52E+00	1.96E+00	1.85E+00	1.02E+00	1.31E+00	1.24E+00
520	498307.04, 3861189.65	0.26174	6.16511	4.09635	8.03E-02	1.03E-01	9.78E-02	1.89E+00	2.44E+00	2.30E+00	1.26E+00	1.62E+00	1.53E+00
521	498307.04, 3861289.65	0.29922	7.33451	4.83033	9.18E-02	1.18E-01	1.12E-01	2.25E+00	2.90E+00	2.74E+00	1.48E+00	1.91E+00	1.81E+00
522	498307.04, 3861389.65	0.33736	8.20473	5.62572	1.03E-01	1.33E-01	1.26E-01	2.52E+00	3.24E+00	3.07E+00	1.73E+00	2.22E+00	2.10E+00
523	498307.04, 3861489.65	0.38111	9.09064	6.31174	1.17E-01	1.51E-01	1.42E-01	2.79E+00	3.59E+00	3.40E+00	1.94E+00	2.49E+00	2.36E+00
524	498307.04, 3861589.65	0.44875	10.62162	7.87674	1.38E-01	1.77E-01	1.68E-01	3.26E+00	4.20E+00	3.97E+00	2.42E+00	3.11E+00	2.94E+00
525	498307.04, 3861689.65	0.52458	12.52696	9.78985	1.61E-01	2.07E-01	1.96E-01	3.84E+00	4.95E+00	4.68E+00	3.00E+00	3.87E+00	3.66E+00
526	498307.04, 3861789.65	0.60516	14.33211	11.7496	1.86E-01	2.39E-01	2.26E-01	4.40E+00	5.66E+00	5.36E+00	3.60E+00	4.64E+00	4.39E+00
527	498307.04, 3861889.65	0.68674	15.80228	13.41623	2.11E-01	2.71E-01	2.57E-01	4.85E+00	6.24E+00	5.91E+00	4.12E+00	5.30E+00	5.02E+00
528	498307.04, 3861989.65	0.76151	16.61551	14.57841	2.34E-01	3.01E-01	2.85E-01	5.10E+00	6.57E+00	6.21E+00	4.47E+00	5.76E+00	5.45E+00
529	498307.04, 3862089.65	0.83294	18.43193	16.07029	2.56E-01	3.29E-01	3.11E-01	5.65E+00	7.28E+00	6.89E+00	4.93E+00	6.35E+00	6.01E+00
530	498407.04, 3861189.65	0.23507	5.04286	3.1875	7.21E-02	9.29E-02	8.79E-02	1.55E+00	1.99E+00	1.89E+00	9.78E-01	1.26E+00	1.19E+00
531	498407.04, 3861289.65	0.27082	6.19734	3.89531	8.31E-02	1.07E-01	1.01E-01	1.90E+00	2.45E+00	2.32E+00	1.19E+00	1.54E+00	1.46E+00
532	498407.04, 3861389.65	0.31898	7.61156	5.13895	9.79E-02	1.26E-01	1.19E-01	2.34E+00	3.01E+00	2.85E+00	1.58E+00	2.03E+00	1.92E+00
533	498407.04, 3861489.65	0.37983	9.2485	6.47132	1.17E-01	1.50E-01	1.42E-01	2.84E+00	3.65E+00	3.46E+00	1.99E+00	2.56E+00	2.42E+00
534	498407.04, 3861589.65	0.43824	10.4989	7.72547	1.34E-01	1.73E-01	1.64E-01	3.22E+00	4.15E+00	3.92E+00	2.37E+00	3.05E+00	2.89E+00
535	498407.04, 3861689.65	0.50946	12.29659	9.58028	1.56E-01	2.01E-01	1.90E-01	3.77E+00	4.86E+00	4.60E+00	2.94E+00	3.79E+00	3.58E+00
536	498407.04, 3861789.65	0.58194	13.99175	11.44178	1.79E-01	2.30E-01	2.18E-01	4.29E+00	5.53E+00	5.23E+00	3.51E+00	4.52E+00	4.28E+00
537	498407.04, 3861889.65	0.66072	15.37201	13.19581	2.03E-01	2.61E-01	2.47E-01	4.72E+00	6.07E+00	5.75E+00	4.05E+00	5.21E+00	4.93E+00
538	498407.04, 3861989.65	0.72362	16.47913	14.30388	2.22E-01	2.86E-01	2.71E-01	5.06E+00	6.51E+00	6.16E+00	4.39E+00	5.65E+00	5.35E+00
539	498407.04, 3862089.65	0.78121	17.81793	15.5736	2.40E-01	3.09E-01	2.92E-01	5.47E+00	7.04E+00	6.66E+00	4.78E+00	6.15E+00	5.82E+00
540	498507.04, 3861189.65	0.21846	4.33517	2.69826	6.70E-02	8.63E-02	8.17E-02	1.33E+00	1.71E+00	1.62E+00	8.28E-01	1.07E+00	1.01E+00
541	498507.04, 3861289.65	0.25686	5.64366	3.48582	7.88E-02	1.01E-01	9.60E-02	1.73E+00	2.23E+00	2.11E+00	1.07E+00	1.38E+00	1.30E+00
542	498507.04, 3861389.65	0.30156	7.02989	4.58705	9.25E-02	1.19E-01	1.13E-01	2.16E+00	2.78E+00	2.63E+00	1.41E+00	1.81E+00	1.71E+00
543	498507.04, 3861489.65	0.36276	8.78009	6.02528	1.11E-01	1.43E-01	1.36E-01	2.69E+00	3.47E+00	3.28E+00	1.85E+00	2.38E+00	2.25E+00
544	498507.04, 3861589.65	0.41932	10.07416	7.32584	1.29E-01	1.66E-01	1.57E-01	3.09E+00	3.98E+00	3.77E+00	2.25E+00	2.89E+00	2.74E+00
545	498507.04, 3861689.65	0.48999	11.87496	9.21638	1.50E-01	1.94E-01	1.83E-01	3.64E+00	4.69E+00	4.44E+00	2.83E+00	3.64E+00	3.45E+00
546	498507.04, 3861789.65	0.55259	13.47813	10.9077	1.70E-01	2.18E-01	2.07E-01	4.13E+00	5.33E+00	5.04E+00	3.35E+00	4.31E+00	4.08E+00
547	498507.04, 3861889.65	0.62026	15.16914	12.62528	1.90E-01	2.45E-01	2.32E-01	4.65E+00	5.99E+00	5.67E+00	3.87E+00	4.99E+00	4.72E+00
548	498507.04, 3861989.65	0.68474	16.68167	14.30898	2.10E-01	2.71E-01	2.56E-01	5.12E+00	6.59E+00	6.24E+00	4.39E+00	5.65E+00	5.35E+00
549	498507.04, 3862089.65	0.73446	17.34161	15.15008	2.25E-01	2.90E-01	2.75E-01	5.32E+00	6.85E+00	6.48E+00	4.65E+00	5.99E+00	5.66E+00
550	493116.28, 3862593.93	0.23049	12.07412	9.30278	7.07E-02	9.11E-02	8.62E-02	3.70E+00	4.77E+00	4.51E+00	2.85E+00	3.68E+00	3.48E+00
551	493116.28, 3862693.93	0.21313	11.20581	8.83264	6.54E-02	8.42E-02	7.97E-02	3.44E+00	4.43E+00	4.19E+00	2.71E+00	3.49E+00	3.30E+00
552	493216.28, 3862493.93	0.26358	13.02651	9.61666	8.09E-02	1.04E-01	9.85E-02	4.00E+00	5.15E+00	4.87E+00	2.95E+00	3.80E+00	3.60E+00
553	493216.28, 3862593.93	0.24065	12.28088	9.10559	7.38E-02	9.51E-02	9.00E-02	3.77E+00	4.85E+00	4.59E+00	2.79E+00	3.60E+00	3.40E+00
554	493216.28, 3862693.93	0.22096	11.34861	8.88594	6.78E-02	8.73E-02	8.26E-02	3.48E+00	4.48E+00	4.24E+00	2.73E+00	3.51E+00	3.32E+00
555	493316.28, 3862293.93	0.34047	15.05207	11.94315	1.04E-01	1.35E-01	1.27E-01	4.62E+00	5.95E+00	5.63E+00	3.66E+00	4.72E+00	4.46E+00
556	493316.28, 3862393.93	0.30388	14.2043	10.82243	9.32E-02	1.20E-01	1.14E-01	4.36E+00	5.61E+00	5.31E+00	3.32E+00	4.28E+00	4.05E+00
557	493316.28, 3862493.93	0.27424	13.28754	10.04549	8.41E-02	1.08E-01	1.03E-01	4.08E+00	5.25E+00	4.97E+00	3.08E+00	3.97E+00	3.76E+00
558	493316.28, 3862593.93	0.24999	12.4819	9.26852	7.67E-02	9.88E-02	9.35E-02	3.83E+00	4.93E+00	4.67E+00	2.84E+00	3.66E+00	3.46E+00
559	493316.28, 3862693.93	0.22918	11.53896	8.8895	7.03E-02	9.06E-02	8.57E-02	3.54E+00	4.56E+00	4.31E+00	2.73E+00	3.51E+00	3.32E+00
560	493316.28, 3862793.93	0.21096	10.51808	8.65887	6.47E-02	8.34E-02	7.89E-02	3.23E+00	4.16E+00	3.93E+00	2.66E+00	3.42E+00	3.24E+00
561	493416.28, 3862093.93	0.4676	17.76603	15.20295	1.43E-01	1.85E-01	1.75E-01	5.45E+00	7.02E+00	6.64E+00	4.66E+00	6.01E+00	5.68E+00
562	493416.28, 3862193.93	0.40698	16.57481	13.75763	1.25E-01	1.61E-01	1.52E-01	5.08E+00	6.55E+00	6.20E+00	4.22E+00	5.44E+00	5.14E+00
563	493416.28, 3862293.93	0.358	14.50838	12.29486	1.10E-01	1.41E-01	1.34E-01	4.45E+00	5.73E+00	5.42E+00	3.77E+00	4.86E+00	4.60E+00
564	493416.28, 3862393.93	0.31854	14.50793	10.99307	9.77E-02	1.26E-01	1.19E-01	4.45E+00	5.73E+00	5.42E+00	3.37E+00	4.34E+00	4.11E+00
565	493416.28, 3862493.93	0.28651	13.5976	10.09618	8.79E-02	1.13E-01	1.07E-01	4.17E+00	5.37E+00	5.08E+00	3.10E+00	3.99E+00	3.77E+00
566	493416.28, 3862593.93	0.26023	12.49618	9.31898	7.98E-02	1.03E-01	9.73E-02	3.83E+00	4.94E+00	4.67E+00	2.86E+00	3.68E+00	3.48E+00
567	493416.28, 3862693.93	0.23757	11.71121	8.9932	7.29E-02	9.39E-02	8.88E-02	3.59E+00	4.63E+00	4.38E+00	2.76E+00	3.55E+00	3.36E+00
568	493416.28, 3862793.93	0.21769	10.62056	8.72117	6.68E-02	8.60E-02	8.14E-02	3.26E+00	4.20E+00	3.97E+00	2.68E+00	3.45E+00	3.26E+00
569	493516.28, 3862193.93	0.42889	16.15873	13.90864	1.32E-01	1.69E-01	1.60E-01	4.96E+00	6.38E+00	6.04E+00	4.27E+00	5.50E+00	5.20E+00
570	493516.28, 3862293.93	0.37663	14.48447	12.5447	1.16E-01	1.49E-01	1.41E-01	4.44E+00	5.72E+00	5.41E+00	3.85E+00	4.96E+00	4.69E+00
571	493516.28, 3862393.93	0.33379	13.92209	11.20394	1.02E-01	1.32E-01	1.25E-01	4.27E+00	5.50E+00	5.20E+00	3.44E+00	4.43E+00	4.19E+00
572	493516.28, 3862493.93	0.29915	13.16746	10.37672	9.18E-02	1.18E-01	1.12E-01	4.04E+00	5.20E+00	4.92E+00	3.18E+00	4.10E+00	3.88E+00
573	493516.28, 3862593.93	0.27072	12.46929	9.60861	8.30E-02	1.07E-01	1.01E-01	3.83E+00	4.93E+00	4.66E+00	2.95E+00	3.80E+00	3.59E+00
574	493516.28, 3862693.93	0.24657	11.9126	9.04809	7.56E-02	9.74E-02	9.22E-02	3.65E+00	4.71E+00	4.45E+00	2.78E+00	3.58E+00	3.38E+00
575	493516.28, 3862793.93	0.22548	10.77497	8.86382	6.92E-02	8.91E-02	8.43E-02	3.31E+00	4.26E+00	4.03E+00	2.72E+00	3.50E+00	3.31E+00
576	493616.28, 3862193.93	0.4528	16.59186	14.27219	1.39E-01	1.79E-01	1.69E-01	5.09E+00	6.56E+00	6.20E+00	4.38E+00	5.64E+00	5.34E+00
577	493616.28, 3862293.93	0.39633	14.72569	12.84522	1.22E-01	1.57E-01	1.48E-01	4.52E+00	5.82E+00	5.51E+00	3.94E+00	5.08E+00	4.80E+00

578	493616.28, 3862393.93	0.3497	13.5567	11.6351	1.07E-01	1.38E-01	1.31E-01	4.16E+00	5.36E+00	5.07E+00	3.57E+00	4.60E+00	4.35E+00
579	493616.28, 3862493.93	0.31227	12.66478	10.58453	9.58E-02	1.23E-01	1.17E-01	3.89E+00	5.00E+00	4.73E+00	3.25E+00	4.18E+00	3.96E+00
580	493616.28, 3862593.93	0.28167	12.01487	9.78288	8.64E-02	1.11E-01	1.05E-01	3.69E+00	4.75E+00	4.49E+00	3.00E+00	3.87E+00	3.66E+00
581	493616.28, 3862693.93	0.25561	12.04985	9.40011	7.84E-02	1.01E-01	9.56E-02	3.70E+00	4.76E+00	4.50E+00	2.88E+00	3.71E+00	3.51E+00
582	493616.28, 3862793.93	0.22723	10.76021	8.71912	6.97E-02	8.98E-02	8.49E-02	3.30E+00	4.25E+00	4.02E+00	2.67E+00	3.45E+00	3.26E+00
583	493716.28, 3862193.93	0.47859	17.10062	14.77203	1.47E-01	1.89E-01	1.79E-01	5.25E+00	6.76E+00	6.39E+00	4.53E+00	5.84E+00	5.52E+00
584	493716.28, 3862293.93	0.41689	15.11939	13.07001	1.28E-01	1.65E-01	1.56E-01	4.64E+00	5.97E+00	5.65E+00	4.01E+00	5.16E+00	4.89E+00
585	493716.28, 3862393.93	0.36332	15.2849	12.17861	1.11E-01	1.44E-01	1.36E-01	4.69E+00	6.04E+00	5.71E+00	3.74E+00	4.81E+00	4.55E+00
586	493716.28, 3862493.93	0.32179	14.28154	11.25342	9.87E-02	1.27E-01	1.20E-01	4.38E+00	5.64E+00	5.34E+00	3.45E+00	4.45E+00	4.21E+00
587	493716.28, 3862593.93	0.29298	12.11666	9.94837	8.99E-02	1.16E-01	1.10E-01	3.72E+00	4.79E+00	4.53E+00	3.05E+00	3.93E+00	3.72E+00
588	493716.28, 3862693.93	0.26553	12.25685	9.3232	8.15E-02	1.05E-01	9.93E-02	3.76E+00	4.84E+00	4.58E+00	2.86E+00	3.68E+00	3.49E+00
589	493716.28, 3862793.93	0.23994	11.04282	9.00739	7.36E-02	9.48E-02	8.97E-02	3.39E+00	4.36E+00	4.13E+00	2.76E+00	3.56E+00	3.37E+00
590	493816.28, 3862193.93	0.50586	17.6459	15.16564	1.55E-01	2.00E-01	1.89E-01	5.41E+00	6.97E+00	6.60E+00	4.65E+00	5.99E+00	5.67E+00
591	493816.28, 3862293.93	0.43823	15.56031	13.59432	1.34E-01	1.73E-01	1.64E-01	4.77E+00	6.15E+00	5.82E+00	4.17E+00	5.37E+00	5.08E+00
592	493816.28, 3862393.93	0.38386	14.19012	12.06329	1.18E-01	1.52E-01	1.44E-01	4.35E+00	5.61E+00	5.30E+00	3.70E+00	4.77E+00	4.51E+00
593	493816.28, 3862493.93	0.34003	13.17708	11.14473	1.04E-01	1.34E-01	1.27E-01	4.04E+00	5.21E+00	4.93E+00	3.42E+00	4.40E+00	4.17E+00
594	493816.28, 3862593.93	0.30479	12.34358	10.35766	9.35E-02	1.20E-01	1.14E-01	3.79E+00	4.88E+00	4.61E+00	3.18E+00	4.09E+00	3.87E+00
595	493816.28, 3862693.93	0.27568	12.08124	9.44845	8.46E-02	1.09E-01	1.03E-01	3.71E+00	4.77E+00	4.52E+00	2.90E+00	3.73E+00	3.53E+00
596	493816.28, 3862793.93	0.24837	11.17871	9.12795	7.62E-02	9.81E-02	9.28E-02	3.43E+00	4.42E+00	4.18E+00	2.80E+00	3.61E+00	3.41E+00
597	493916.28, 3862193.93	0.53386	18.18674	15.68861	1.64E-01	2.11E-01	2.00E-01	5.58E+00	7.19E+00	6.80E+00	4.81E+00	6.20E+00	5.86E+00
598	493916.28, 3862293.93	0.46065	15.99885	13.97006	1.41E-01	1.82E-01	1.72E-01	4.91E+00	6.32E+00	5.98E+00	4.29E+00	5.52E+00	5.22E+00
599	493916.28, 3862393.93	0.40203	14.56932	12.49889	1.23E-01	1.59E-01	1.50E-01	4.47E+00	5.76E+00	5.45E+00	3.83E+00	4.94E+00	4.67E+00
600	493916.28, 3862493.93	0.35489	13.47978	11.31429	1.09E-01	1.40E-01	1.33E-01	4.14E+00	5.33E+00	5.04E+00	3.47E+00	4.47E+00	4.23E+00
601	493916.28, 3862593.93	0.31711	12.5508	10.43454	9.73E-02	1.25E-01	1.19E-01	3.85E+00	4.96E+00	4.69E+00	3.20E+00	4.12E+00	3.90E+00
602	493916.28, 3862693.93	0.28603	11.93129	9.75284	8.77E-02	1.13E-01	1.07E-01	3.66E+00	4.71E+00	4.46E+00	2.99E+00	3.85E+00	3.65E+00
603	493916.28, 3862793.93	0.25752	11.36712	9.31984	7.90E-02	1.02E-01	9.63E-02	3.49E+00	4.49E+00	4.25E+00	2.86E+00	3.68E+00	3.48E+00
604	493916.28, 3862893.93	0.23078	10.4724	8.60354	7.08E-02	9.12E-02	8.63E-02	3.21E+00	4.14E+00	3.91E+00	2.64E+00	3.40E+00	3.22E+00
605	494016.28, 3862293.93	0.48417	16.45375	14.37169	1.49E-01	1.91E-01	1.81E-01	5.05E+00	6.50E+00	6.15E+00	4.41E+00	5.68E+00	5.37E+00
606	494016.28, 3862393.93	0.42083	14.97738	12.81931	1.29E-01	1.66E-01	1.57E-01	4.59E+00	5.92E+00	5.60E+00	3.93E+00	5.07E+00	4.79E+00
607	494016.28, 3862493.93	0.3705	13.79293	11.64629	1.14E-01	1.46E-01	1.39E-01	4.23E+00	5.45E+00	5.16E+00	3.57E+00	4.60E+00	4.35E+00
608	494016.28, 3862593.93	0.32987	12.70144	10.56686	1.01E-01	1.30E-01	1.23E-01	3.90E+00	5.02E+00	4.75E+00	3.24E+00	4.18E+00	3.95E+00
609	494016.28, 3862693.93	0.29662	11.68797	9.7941	9.10E-02	1.17E-01	1.11E-01	3.59E+00	4.62E+00	4.37E+00	3.00E+00	3.87E+00	3.66E+00
610	494016.28, 3862793.93	0.26356	11.52011	9.35121	8.09E-02	1.04E-01	9.85E-02	3.53E+00	4.55E+00	4.31E+00	2.87E+00	3.70E+00	3.50E+00
611	494016.28, 3862893.93	0.2315	10.32262	8.56811	7.10E-02	9.15E-02	8.65E-02	3.17E+00	4.08E+00	3.86E+00	2.63E+00	3.39E+00	3.20E+00
612	494116.28, 3862293.93	0.50884	16.95668	14.67078	1.56E-01	2.01E-01	1.90E-01	5.20E+00	6.70E+00	6.34E+00	4.50E+00	5.80E+00	5.48E+00
613	494116.28, 3862393.93	0.44051	15.38728	13.22482	1.35E-01	1.74E-01	1.65E-01	4.72E+00	6.08E+00	5.75E+00	4.06E+00	5.23E+00	4.94E+00
614	494116.28, 3862493.93	0.38664	14.11955	11.90379	1.19E-01	1.53E-01	1.45E-01	4.33E+00	5.58E+00	5.28E+00	3.65E+00	4.70E+00	4.45E+00
615	494116.28, 3862593.93	0.34326	12.9285	10.78239	1.05E-01	1.36E-01	1.28E-01	3.97E+00	5.11E+00	4.83E+00	3.31E+00	4.26E+00	4.03E+00
616	494116.28, 3862693.93	0.30775	11.79609	10.021	9.44E-02	1.22E-01	1.15E-01	3.62E+00	4.66E+00	4.41E+00	3.07E+00	3.96E+00	3.75E+00
617	494116.28, 3862793.93	0.27499	11.74415	9.53123	8.44E-02	1.09E-01	1.03E-01	3.60E+00	4.64E+00	4.39E+00	2.92E+00	3.77E+00	3.56E+00
618	494116.28, 3862893.93	0.24542	10.64174	8.85439	7.53E-02	9.70E-02	9.17E-02	3.26E+00	4.20E+00	3.98E+00	2.72E+00	3.50E+00	3.31E+00
619	494216.28, 3862293.93	0.5355	17.48206	15.13253	1.64E-01	2.12E-01	2.00E-01	5.36E+00	6.91E+00	6.54E+00	4.64E+00	5.98E+00	5.66E+00
620	494216.28, 3862393.93	0.46098	15.84157	13.50448	1.41E-01	1.82E-01	1.72E-01	4.86E+00	6.26E+00	5.92E+00	4.14E+00	5.34E+00	5.05E+00
621	494216.28, 3862493.93	0.40325	14.46907	12.2229	1.24E-01	1.59E-01	1.51E-01	4.44E+00	5.72E+00	5.41E+00	3.75E+00	4.83E+00	4.57E+00
622	494216.28, 3862593.93	0.35712	13.18262	11.07239	1.10E-01	1.41E-01	1.34E-01	4.04E+00	5.21E+00	4.93E+00	3.40E+00	4.38E+00	4.14E+00
623	494216.28, 3862693.93	0.31932	11.96161	10.21646	9.80E-02	1.26E-01	1.19E-01	3.67E+00	4.73E+00	4.47E+00	3.13E+00	4.04E+00	3.82E+00
624	494216.28, 3862793.93	0.28559	11.89787	9.68424	8.76E-02	1.13E-01	1.07E-01	3.65E+00	4.70E+00	4.45E+00	2.97E+00	3.83E+00	3.62E+00
625	494216.28, 3862893.93	0.25359	10.71552	8.9495	7.78E-02	1.00E-01	9.48E-02	3.29E+00	4.23E+00	4.01E+00	2.75E+00	3.54E+00	3.35E+00
626	494316.28, 3862293.93	0.56501	17.99515	15.67208	1.73E-01	2.23E-01	2.11E-01	5.52E+00	7.11E+00	6.73E+00	4.81E+00	6.19E+00	5.86E+00
627	494316.28, 3862393.93	0.48322	16.23087	13.58524	1.48E-01	1.91E-01	1.81E-01	4.98E+00	6.41E+00	6.07E+00	4.17E+00	5.37E+00	5.08E+00
628	494316.28, 3862493.93	0.42078	14.82583	12.51423	1.29E-01	1.66E-01	1.57E-01	4.55E+00	5.86E+00	5.54E+00	3.84E+00	4.94E+00	4.68E+00
629	494316.28, 3862593.93	0.37151	13.59827	11.41075	1.14E-01	1.47E-01	1.39E-01	4.17E+00	5.37E+00	5.08E+00	3.50E+00	4.51E+00	4.27E+00
630	494316.28, 3862693.93	0.33129	12.26435	10.45361	1.02E-01	1.31E-01	1.24E-01	3.76E+00	4.85E+00	4.58E+00	3.21E+00	4.13E+00	3.91E+00
631	494316.28, 3862793.93	0.29571	12.09431	9.86878	9.07E-02	1.17E-01	1.11E-01	3.71E+00	4.78E+00	4.52E+00	3.03E+00	3.90E+00	3.69E+00
632	494316.28, 3862893.93	0.262	10.87198	9.07953	8.04E-02	1.04E-01	9.79E-02	3.34E+00	4.30E+00	4.06E+00	2.79E+00	3.59E+00	3.39E+00
633	494416.28, 3862293.93	0.59682	18.59967	16.17268	1.83E-01	2.36E-01	2.23E-01	5.71E+00	7.35E+00	6.95E+00	4.96E+00	6.39E+00	6.05E+00
634	494416.28, 3862393.93	0.50593	16.81956	14.12032	1.55E-01	2.00E-01	1.89E-01	5.16E+00	6.65E+00	6.29E+00	4.33E+00	5.58E+00	5.28E+00
635	494416.28, 3862493.93	0.43857	15.23187	12.56046	1.35E-01	1.73E-01	1.64E-01	4.67E+00	6.02E+00	5.69E+00	3.85E+00	4.96E+00	4.70E+00
636	494416.28, 3862593.93	0.38587	13.5846	11.58671	1.18E-01	1.52E-01	1.44E-01	4.17E+00	5.37E+00	5.08E+00	3.55E+00	4.58E+00	4.33E+00
637	494416.28, 3862693.93	0.34335	12.25513	10.69834	1.05E-01	1.36E-01	1.28E-01	3.76E+00	4.84E+00	4.58E+00	3.28E+00	4.23E+00	4.00E+00
638	494416.28, 3862793.93	0.3074	11.59104	9.77987	9.43E-02	1.21E-01	1.15E-01	3.56E+00	4.58E+00	4.33E+00	3.00E+00	3.86E+00	3.66E+00
639	494416.28, 3862893.93	0.27308	11.05566	9.31834	8.38E-02	1.08E-01	1.02E-01	3.39E+00	4.37E+00	4.13E+00	2.86E+00	3.68E+00	3.48E+00
640	494516.28, 3862293.93	0.63145	19.25181	16.62235	1.94E-01	2.50E-01	2.36E-01	5.91E+00	7.61E+00	7.20E+00	5.10E+00	6.57E+00	6.21E+00
641	494516.28, 3862393.93	0.53147	17.32163	14.54475	1.63E-01	2.10E-01	1.99E-01	5.31E+00	6.84E+00	6.48E+00	4.46E+00	5.75E+00	5.44E+00
642	494516.28, 3862493.93	0.4579	15.63625	13.01964	1.40E-01	1.81E-01	1.71E-01	4.80E+00	6.18E+00	5.85E+00	3.99E+00	5.14E+00	4.87E+00
643	494516.28, 3862593.93	0.40119	13.90173	11.71822	1.23E-01	1.59E-01	1.50E-01	4.26E+00	5.49E+00	5.20E+00	3.59E+00	4.63E+00	4.38E+00
644	494516.28, 3862693.93	0.35555	12.32585	10.84485	1.09E-01	1.40E-01	1.33E-01	3.78E+00	4.87E+00	4.61E+00	3.33E+00	4.29E+00	4.05E+00
645	494516.28, 3862793.93	0.31784	11.37573	9.93592	9.75E-02	1.26E-01	1.19E-01	3.49E+00	4.50E+00	4.25E+00	3.05E+00	3.93E+00	3.71E+00
646	494516.28, 3862893.93	0.28562	10.72283	9.27158	8.76E-02	1.13E-01	1.07E-01	3.29E+00	4.24E+00	4.01E+00	2.84E+00	3.66E+00	3.47E+00
647	494516.28, 3862993.93	0.25139	10.23203	8.75349	7.71E-02	9.93E-02	9.40E-02	3.14E+00	4.04E+00	3.83E+00	2.69E+00	3.46E+00	3.27E+00
648	494616.28, 3862393.93	0.55923	17.8582	15.01021	1.72E-01	2.21E-01	2.09E-01	5.48E+00	7.06E+00	6.68E+00	4.60E+00	5.93E+00	5.61E+00
649	494616.28, 3862493.93	0.47843	16.06955	13.29236	1.47E-01	1.89E-01	1.79E-01	4.93E+00	6.35E+00	6.01E+00	4.08E+00	5.25E+00	4.97E+00
650	494616.28, 3862593.93	0.41731	14.19916	11.96653	1.28E-01	1.65E-01	1.56E-01	4.36E+00	5.61E+00	5.31E+00	3.67E+00	4.73E+00	4.47E+00
651	494616.28, 3862693.93	0.36842	12.70842	11.01605	1.13E-01	1.46E-01	1.38E-01	3.90E+00	5.02E+00	4.75E+00	3.38E+00	4.35E+00	4.12E+00
652	494616.28, 3862793.93	0.32848	11.47032	10.18662	1.01E-01	1.30E-01	1.23E-01	3.52E+00	4.53E+00	4.29E+00	3.12E+00	4.03E+00	3.81E+00
653	494616.28, 3862893.93	0.29452	10.94036	9.49745	9.04E-02	1.16E-01	1.10E-01	3.36E+00	4.32E+00	4.09E+00	2.91E+00	3.75E+00	3.55E+00
654	494616.28, 3862993.93	0.26406	10.53911	9.07322	8.10E-02	1.04E-01	9.87E-02	3.23E+00	4.16E+00	3.94E+00	2.78E+00	3.59E+00	3.39E+00
655	494716.28, 3862393.93	0.59061	18.40379	15.53717	1.81E-01	2.33E-01	2.21E-01	5.65E+00	7.27E+00	6.88E+00	4.77E+00	6.14E+00	5.81E+00
656	494716.28, 3862493.93	0.50093	16.53113	13.57394	1.54E-01	1.98E-01	1.87E-01	5.07E+00	6.53E+00	6.18E+00	4.16E+00	5.36E+00	5.07E+00
657	494716.28, 3862593.93	0.43476	14.59874	12.33129	1.33E-01	1.72E-01	1.63E-01	4.48E+00	5.77E+00	5.46E+00	3.78E+00	4.87E+00	4.61E+00
658	494716.28, 3862693.93	0.38159	12.98459	11.16879	1.17E-01	1.51E-01	1.43E-01	3.98E+00	5.13E+00	4.85E+00	3.43E+00	4.41E+00	4.18E+00
659	494716.28, 3862793.93	0.33943	11.72798	10.33995	1.04E-01	1.34E-01	1.27E-01	3.60E+00	4.63E+00	4.38E+00	3.17E+00	4.09E+00	3.87E+00
660	494716.28, 3862893.93	0.3036	11.05805	9.73743	9.31E-02	1.20E-01	1.13E-01	3.39E+00	4.37E+00	4.13E+00	2.99E+00	3.85E+00	3.64E+00

661	494716.28, 3862993.93	0.27226	10.78051	9.24611	8.35E-02	1.08E-01	1.02E-01	3.31E+00	4.26E+00	4.03E+00	2.84E+00	3.65E+00	3.46E+00
662	494816.28, 3862393.93	0.62397	19.01961	16.16528	1.91E-01	2.47E-01	2.33E-01	5.83E+00	7.52E+00	7.11E+00	4.96E+00	6.39E+00	6.04E+00
663	494816.28, 3862493.93	0.52547	17.00443	13.97463	1.61E-01	2.08E-01	1.96E-01	5.22E+00	6.72E+00	6.36E+00	4.29E+00	5.52E+00	5.22E+00
664	494816.28, 3862593.93	0.45313	14.72977	12.62965	1.39E-01	1.79E-01	1.69E-01	4.52E+00	5.82E+00	5.51E+00	3.87E+00	4.99E+00	4.72E+00
665	494816.28, 3862693.93	0.39594	13.18092	11.40349	1.21E-01	1.56E-01	1.48E-01	4.04E+00	5.21E+00	4.93E+00	3.50E+00	4.51E+00	4.26E+00
666	494816.28, 3862793.93	0.35071	11.86548	10.49929	1.08E-01	1.39E-01	1.31E-01	3.64E+00	4.69E+00	4.44E+00	3.22E+00	4.15E+00	3.93E+00
667	494816.28, 3862893.93	0.31316	10.83342	9.80306	9.61E-02	1.24E-01	1.17E-01	3.32E+00	4.28E+00	4.05E+00	3.01E+00	3.87E+00	3.66E+00
668	494816.28, 3862993.93	0.28115	11.08391	9.35323	8.62E-02	1.11E-01	1.05E-01	3.40E+00	4.38E+00	4.14E+00	2.87E+00	3.70E+00	3.50E+00
669	494916.28, 3862393.93	0.65793	19.98829	16.84958	2.02E-01	2.60E-01	2.46E-01	6.13E+00	7.90E+00	7.47E+00	5.17E+00	6.66E+00	6.30E+00
670	494916.28, 3862493.93	0.5523	17.49397	14.62097	1.69E-01	2.18E-01	2.06E-01	5.37E+00	6.91E+00	6.54E+00	4.49E+00	5.78E+00	5.47E+00
671	494916.28, 3862593.93	0.47253	15.06913	12.97492	1.45E-01	1.87E-01	1.77E-01	4.62E+00	5.95E+00	5.63E+00	3.98E+00	5.13E+00	4.85E+00
672	494916.28, 3862693.93	0.41116	13.50545	11.6399	1.26E-01	1.62E-01	1.54E-01	4.14E+00	5.34E+00	5.05E+00	3.57E+00	4.60E+00	4.35E+00
673	494916.28, 3862793.93	0.36231	11.93159	10.76692	1.11E-01	1.43E-01	1.35E-01	3.66E+00	4.71E+00	4.46E+00	3.30E+00	4.25E+00	4.03E+00
674	494916.28, 3862893.93	0.32274	11.18463	9.90164	9.90E-02	1.28E-01	1.21E-01	3.43E+00	4.42E+00	4.18E+00	3.04E+00	3.91E+00	3.70E+00
675	494916.28, 3862993.93	0.28992	10.46525	9.11879	8.89E-02	1.15E-01	1.08E-01	3.21E+00	4.14E+00	3.91E+00	2.80E+00	3.60E+00	3.41E+00
676	495016.28, 3862393.93	0.69369	20.84016	17.70772	2.13E-01	2.74E-01	2.59E-01	6.39E+00	8.23E+00	7.79E+00	5.43E+00	7.00E+00	6.62E+00
677	495016.28, 3862493.93	0.57912	18.05762	15.14712	1.78E-01	2.29E-01	2.16E-01	5.54E+00	7.14E+00	6.75E+00	4.65E+00	5.99E+00	5.66E+00
678	495016.28, 3862593.93	0.49184	15.48615	13.33752	1.51E-01	1.94E-01	1.84E-01	4.75E+00	6.12E+00	5.79E+00	4.09E+00	5.27E+00	4.99E+00
679	495016.28, 3862693.93	0.42737	13.85145	12.05543	1.31E-01	1.69E-01	1.60E-01	4.25E+00	5.47E+00	5.18E+00	3.70E+00	4.76E+00	4.51E+00
680	495016.28, 3862793.93	0.37471	12.16597	10.94698	1.15E-01	1.48E-01	1.40E-01	3.73E+00	4.81E+00	4.55E+00	3.36E+00	4.33E+00	4.09E+00
681	495016.28, 3862893.93	0.33262	11.45443	9.96989	1.02E-01	1.31E-01	1.24E-01	3.51E+00	4.53E+00	4.28E+00	3.06E+00	3.94E+00	3.73E+00
682	495016.28, 3862993.93	0.29805	10.64172	9.22051	9.14E-02	1.18E-01	1.11E-01	3.26E+00	4.20E+00	3.98E+00	2.83E+00	3.64E+00	3.45E+00
683	495016.28, 3863093.93	0.26371	10.56077	8.68328	8.09E-02	1.04E-01	9.86E-02	3.24E+00	4.17E+00	3.95E+00	2.66E+00	3.43E+00	3.25E+00
684	495116.28, 3862493.93	0.60723	18.72752	15.75102	1.86E-01	2.40E-01	2.27E-01	5.75E+00	7.40E+00	7.00E+00	4.83E+00	6.22E+00	5.89E+00
685	495116.28, 3862593.93	0.515	15.93316	13.80903	1.58E-01	2.03E-01	1.93E-01	4.89E+00	6.30E+00	5.96E+00	4.24E+00	5.46E+00	5.16E+00
686	495116.28, 3862693.93	0.44431	14.12991	12.43864	1.36E-01	1.76E-01	1.66E-01	4.33E+00	5.58E+00	5.28E+00	3.82E+00	4.91E+00	4.65E+00
687	495116.28, 3862793.93	0.38735	12.5763	11.16401	1.19E-01	1.53E-01	1.45E-01	3.86E+00	4.97E+00	4.70E+00	3.42E+00	4.41E+00	4.17E+00
688	495116.28, 3862893.93	0.34291	11.67396	10.13329	1.05E-01	1.35E-01	1.28E-01	3.58E+00	4.61E+00	4.36E+00	3.11E+00	4.00E+00	3.79E+00
689	495116.28, 3862993.93	0.30614	11.12698	9.45045	9.39E-02	1.21E-01	1.14E-01	3.41E+00	4.40E+00	4.16E+00	2.90E+00	3.73E+00	3.53E+00
690	495116.28, 3863093.93	0.26298	10.54885	8.62529	8.07E-02	1.04E-01	9.83E-02	3.24E+00	4.17E+00	3.94E+00	2.65E+00	3.41E+00	3.22E+00
691	495216.28, 3862493.93	0.63897	19.45187	16.57268	1.96E-01	2.52E-01	2.39E-01	5.97E+00	7.69E+00	7.27E+00	5.08E+00	6.55E+00	6.20E+00
692	495216.28, 3862593.93	0.53838	16.40462	14.24398	1.65E-01	2.13E-01	2.01E-01	5.03E+00	6.48E+00	6.13E+00	4.37E+00	5.63E+00	5.32E+00
693	495216.28, 3862693.93	0.46208	14.40646	12.68695	1.42E-01	1.83E-01	1.73E-01	4.42E+00	5.69E+00	5.39E+00	3.89E+00	5.01E+00	4.74E+00
694	495216.28, 3862793.93	0.40038	12.93523	11.3957	1.23E-01	1.58E-01	1.50E-01	3.97E+00	5.11E+00	4.84E+00	3.50E+00	4.50E+00	4.26E+00
695	495216.28, 3862893.93	0.35267	11.97171	10.3575	1.08E-01	1.39E-01	1.32E-01	3.67E+00	4.73E+00	4.48E+00	3.18E+00	4.09E+00	3.87E+00
696	495216.28, 3862993.93	0.27125	11.60723	9.27236	8.32E-02	1.07E-01	1.01E-01	3.56E+00	4.59E+00	4.34E+00	2.84E+00	3.66E+00	3.47E+00
697	495216.28, 3863093.93	0.22292	11.15451	8.23552	6.84E-02	8.81E-02	8.33E-02	3.42E+00	4.41E+00	4.17E+00	2.53E+00	3.25E+00	3.08E+00
698	495316.28, 3862493.93	0.66839	20.34176	17.32745	2.05E-01	2.64E-01	2.50E-01	6.24E+00	8.04E+00	7.60E+00	5.32E+00	6.85E+00	6.48E+00
699	495316.28, 3862593.93	0.56304	17.25441	14.67637	1.73E-01	2.22E-01	2.10E-01	5.29E+00	6.82E+00	6.45E+00	4.50E+00	5.80E+00	5.49E+00
700	495316.28, 3862693.93	0.48165	14.65114	13.08918	1.48E-01	1.90E-01	1.80E-01	4.49E+00	5.79E+00	5.48E+00	4.02E+00	5.17E+00	4.89E+00
701	495316.28, 3862793.93	0.41406	13.26371	11.68859	1.27E-01	1.64E-01	1.55E-01	4.07E+00	5.24E+00	4.96E+00	3.59E+00	4.62E+00	4.37E+00
702	495316.28, 3862893.93	0.36438	12.24576	10.59656	1.12E-01	1.44E-01	1.36E-01	3.76E+00	4.84E+00	4.58E+00	3.25E+00	4.19E+00	3.96E+00
703	495316.28, 3862993.93	0.21202	12.09229	8.21462	6.50E-02	8.38E-02	7.93E-02	3.71E+00	4.78E+00	4.52E+00	2.52E+00	3.25E+00	3.07E+00
704	495316.28, 3863093.93	0.25298	10.97792	8.71348	7.76E-02	1.00E-01	9.46E-02	3.37E+00	4.34E+00	4.10E+00	2.67E+00	3.44E+00	3.26E+00
705	495416.28, 3862493.93	0.70629	21.67072	18.09851	2.17E-01	2.79E-01	2.64E-01	6.65E+00	8.56E+00	8.10E+00	5.55E+00	7.15E+00	6.77E+00
706	495416.28, 3862593.93	0.59158	18.23455	15.40069	1.81E-01	2.34E-01	2.21E-01	5.59E+00	7.21E+00	6.82E+00	4.72E+00	6.09E+00	5.76E+00
707	495416.28, 3862693.93	0.50028	15.07835	13.47281	1.53E-01	1.98E-01	1.87E-01	4.63E+00	5.96E+00	5.64E+00	4.13E+00	5.32E+00	5.04E+00
708	495416.28, 3862793.93	0.43016	13.62398	11.93458	1.32E-01	1.70E-01	1.61E-01	4.18E+00	5.38E+00	5.09E+00	3.66E+00	4.72E+00	4.46E+00
709	495416.28, 3862893.93	0.37661	12.52356	10.75965	1.16E-01	1.49E-01	1.41E-01	3.84E+00	4.95E+00	4.68E+00	3.30E+00	4.25E+00	4.02E+00
710	495416.28, 3862993.93	0.20611	12.22992	8.43439	6.32E-02	8.14E-02	7.71E-02	3.75E+00	4.83E+00	4.57E+00	2.59E+00	3.33E+00	3.15E+00
711	495416.28, 3863093.93	0.192	11.53389	7.7554	5.89E-02	7.59E-02	7.18E-02	3.54E+00	4.56E+00	4.31E+00	2.38E+00	3.06E+00	2.90E+00
712	495516.28, 3862493.93	0.75106	23.22111	19.31151	2.30E-01	2.97E-01	2.81E-01	7.12E+00	9.18E+00	8.68E+00	5.92E+00	7.63E+00	7.22E+00
713	495516.28, 3862593.93	0.61881	19.16647	15.84348	1.90E-01	2.45E-01	2.31E-01	5.88E+00	7.57E+00	7.17E+00	4.86E+00	6.26E+00	5.92E+00
714	495516.28, 3862693.93	0.52108	15.97554	13.98396	1.60E-01	2.06E-01	1.95E-01	4.90E+00	6.31E+00	5.97E+00	4.29E+00	5.53E+00	5.23E+00
715	495516.28, 3862793.93	0.44584	13.92824	12.22511	1.37E-01	1.76E-01	1.67E-01	4.27E+00	5.50E+00	5.21E+00	3.75E+00	4.83E+00	4.57E+00
716	495516.28, 3862893.93	0.38981	12.60769	10.98722	1.20E-01	1.54E-01	1.46E-01	3.87E+00	4.98E+00	4.71E+00	3.37E+00	4.34E+00	4.11E+00
717	495516.28, 3862993.93	0.22613	12.49983	8.89213	6.94E-02	8.94E-02	8.45E-02	3.83E+00	4.94E+00	4.67E+00	2.73E+00	3.51E+00	3.32E+00
718	495516.28, 3863093.93	0.17249	11.21284	7.5606	5.29E-02	6.82E-02	6.45E-02	3.44E+00	4.43E+00	4.19E+00	2.32E+00	2.99E+00	2.83E+00
719	495616.28, 3862593.93	0.64954	20.19325	16.85576	1.99E-01	2.57E-01	2.43E-01	6.19E+00	7.98E+00	7.55E+00	5.17E+00	6.66E+00	6.30E+00
720	495616.28, 3862693.93	0.54389	16.86875	14.63556	1.67E-01	2.15E-01	2.03E-01	5.17E+00	6.67E+00	6.31E+00	4.49E+00	5.78E+00	5.47E+00
721	495616.28, 3862793.93	0.46353	14.4664	12.57652	1.42E-01	1.83E-01	1.73E-01	4.44E+00	5.72E+00	5.41E+00	3.86E+00	4.97E+00	4.70E+00
722	495616.28, 3862893.93	0.39991	12.80398	11.1959	1.23E-01	1.58E-01	1.50E-01	3.93E+00	5.06E+00	4.79E+00	3.43E+00	4.42E+00	4.19E+00
723	495616.28, 3862993.93	0.33332	12.03113	10.14888	1.02E-01	1.32E-01	1.25E-01	3.69E+00	4.75E+00	4.50E+00	3.11E+00	4.01E+00	3.79E+00
724	495616.28, 3863093.93	0.17835	11.33996	7.75434	5.47E-02	7.05E-02	6.67E-02	3.48E+00	4.48E+00	4.24E+00	2.38E+00	3.06E+00	2.90E+00
725	495616.28, 3863193.93	0.14945	10.29416	6.78266	4.58E-02	5.91E-02	5.59E-02	3.16E+00	4.07E+00	3.85E+00	2.08E+00	2.68E+00	2.54E+00
726	495716.28, 3862593.93	0.6816	21.28255	17.75724	2.09E-01	2.69E-01	2.55E-01	6.53E+00	8.41E+00	7.96E+00	5.45E+00	7.02E+00	6.64E+00
727	495716.28, 3862693.93	0.56704	17.84279	14.9794	1.74E-01	2.24E-01	2.12E-01	5.47E+00	7.05E+00	6.67E+00	4.60E+00	5.92E+00	5.60E+00
728	495716.28, 3862793.93	0.48136	15.23552	13.01561	1.48E-01	1.90E-01	1.80E-01	4.67E+00	6.02E+00	5.70E+00	3.99E+00	5.14E+00	4.87E+00
729	495716.28, 3862893.93	0.41254	13.02937	11.42833	1.27E-01	1.63E-01	1.54E-01	4.00E+00	5.15E+00	4.87E+00	3.51E+00	4.52E+00	4.27E+00
730	495716.28, 3862993.93	0.35922	12.34213	10.43264	1.10E-01	1.42E-01	1.34E-01	3.79E+00	4.88E+00	4.61E+00	3.20E+00	4.12E+00	3.90E+00
731	495716.28, 3863093.93	0.19454	11.74336	8.22114	5.97E-02	7.69E-02	7.27E-02	3.60E+00	4.64E+00	4.39E+00	2.52E+00	3.25E+00	3.07E+00
732	495716.28, 3863193.93	0.1466	10.09693	6.82969	4.50E-02	5.79E-02	5.48E-02	3.10E+00	3.99E+00	3.77E+00	2.10E+00	2.70E+00	2.55E+00
733	495816.28, 3862593.93	0.71537	22.32499	18.39492	2.19E-01	2.83E-01	2.67E-01	6.85E+00	8.82E+00	8.35E+00	5.64E+00	7.27E+00	6.88E+00
734	495816.28, 3862693.93	0.59087	18.7698	15.69873	1.81E-01	2.33E-01	2.21E-01	5.76E+00	7.42E+00	7.02E+00	4.82E+00	6.20E+00	5.87E+00
735	495816.28, 3862793.93	0.49852	15.98521	13.45454	1.53E-01	1.97E-01	1.86E-01	4.90E+00	6.32E+00	5.98E+00	4.13E+00	5.32E+00	5.03E+00
736	495816.28, 3862893.93	0.42474	13.61098	11.7578	1.30E-01	1.68E-01	1.59E-01	4.18E+00	5.38E+00	5.09E+00	3.61E+00	4.65E+00	4.40E+00
737	495816.28, 3862993.93	0.36871	12.48542	10.69339	1.13E-01	1.46E-01	1.38E-01	3.83E+00	4.93E+00	4.67E+00	3.28E+00	4.23E+00	4.00E+00
738	495816.28, 3863093.93	0.20576	12.02645	8.44042	6.31E-02	8.13E-02	7.69E-02	3.69E+00	4.75E+00	4.50E+00	2.59E+00	3.34E+00	3.16E+00
739	495816.28, 3863193.93	0.15481	10.55979	7.27119	4.75E-02	6.12E-02	5.79E-02	3.24E+00	4.17E+00	3.95E+00	2.23E+00	2.87E+00	2.72E+00
740	495916.28, 3862593.93	0.75317	23.53887	19.01997	2.31E-01	2.98E-01	2.82E-01	7.22E+00	9.30E+00	8.80E+00	5.83E+00	7.52E+00	7.11E+00
741	495916.28, 3862693.93	0.61787	19.90716	16.36617	1.90E-01	2.44E-01	2.31E-01	6.11E+00	7.87E+00	7.44E+00	5.02E+00	6.47E+00	6.12E+00
742	495916.28, 3862793.93	0.5167	16.85869	13.84733	1.59E-01	2.04E-01	1.93E-01	5.17E+00	6.66E+00	6.30E+00	4.25E+00	5.47E+00	5.18E+00
743	495916.28, 3862893.93	0.43847	14.3838	12.02235	1.35E-01	1.73E-01	1.64E-01	4.41E+00	5.68E+00	5.38E+00	3.69E+00	4.75E+00	4.49E+00

744	495916.28, 3862993.93	0.38104	12.5732	10.74378	1.17E-01	1.51E-01	1.42E-01	3.86E+00	4.97E+00	4.70E+00	3.30E+00	4.25E+00	4.02E+00
745	495916.28, 3863093.93	0.30005	12.41907	9.85586	9.20E-02	1.19E-01	1.12E-01	3.81E+00	4.91E+00	4.64E+00	3.02E+00	3.89E+00	3.68E+00
746	495916.28, 3863193.93	0.15849	10.81322	7.39294	4.86E-02	6.26E-02	5.92E-02	3.32E+00	4.27E+00	4.04E+00	2.27E+00	2.92E+00	2.76E+00
747	496016.28, 3862593.93	0.79387	24.77372	20.02276	2.44E-01	3.14E-01	2.97E-01	7.60E+00	9.79E+00	9.26E+00	6.14E+00	7.91E+00	7.49E+00
748	496016.28, 3862693.93	0.64381	20.85566	16.97248	1.98E-01	2.54E-01	2.41E-01	6.40E+00	8.24E+00	7.80E+00	5.21E+00	6.71E+00	6.34E+00
749	496016.28, 3862793.93	0.53512	17.65415	14.2773	1.64E-01	2.11E-01	2.00E-01	5.42E+00	6.98E+00	6.60E+00	4.38E+00	5.64E+00	5.34E+00
750	496016.28, 3862893.93	0.45079	15.10686	12.42751	1.38E-01	1.78E-01	1.69E-01	4.63E+00	5.97E+00	5.65E+00	3.81E+00	4.91E+00	4.65E+00
751	496016.28, 3862993.93	0.39071	13.28288	10.96512	1.20E-01	1.54E-01	1.46E-01	4.07E+00	5.25E+00	4.97E+00	3.36E+00	4.33E+00	4.10E+00
752	496016.28, 3863093.93	0.23369	13.29849	9.49663	7.17E-02	9.23E-02	8.74E-02	4.08E+00	5.25E+00	4.97E+00	2.91E+00	3.75E+00	3.55E+00
753	496016.28, 3863193.93	0.19248	11.67224	8.17885	5.90E-02	7.61E-02	7.20E-02	3.58E+00	4.61E+00	4.36E+00	2.51E+00	3.23E+00	3.06E+00
754	496116.28, 3862593.93	0.83645	25.99814	20.96447	2.57E-01	3.31E-01	3.13E-01	7.98E+00	1.03E+01	9.72E+00	6.43E+00	8.28E+00	7.84E+00
755	496116.28, 3862693.93	0.67178	21.85298	17.45996	2.06E-01	2.65E-01	2.51E-01	6.70E+00	8.63E+00	8.17E+00	5.36E+00	6.90E+00	6.53E+00
756	496116.28, 3862793.93	0.55288	18.58458	14.94952	1.70E-01	2.18E-01	2.07E-01	5.70E+00	7.34E+00	6.95E+00	4.59E+00	5.91E+00	5.59E+00
757	496116.28, 3862893.93	0.46334	15.87702	12.83803	1.42E-01	1.83E-01	1.73E-01	4.87E+00	6.27E+00	5.94E+00	3.94E+00	5.07E+00	4.80E+00
758	496116.28, 3862993.93	0.40011	13.95876	11.39628	1.23E-01	1.58E-01	1.50E-01	4.28E+00	5.52E+00	5.22E+00	3.50E+00	4.50E+00	4.26E+00
759	496116.28, 3863093.93	0.27124	13.7577	10.38822	8.32E-02	1.07E-01	1.01E-01	4.22E+00	5.44E+00	5.14E+00	3.19E+00	4.10E+00	3.88E+00
760	496116.28, 3863193.93	0.28105	11.8749	9.54318	8.62E-02	1.11E-01	1.05E-01	3.64E+00	4.69E+00	4.44E+00	2.93E+00	3.77E+00	3.57E+00
761	496216.28, 3862693.93	0.70019	22.88164	18.45166	2.15E-01	2.77E-01	2.62E-01	7.02E+00	9.04E+00	8.55E+00	5.66E+00	7.29E+00	6.90E+00
762	496216.28, 3862793.93	0.57324	19.50688	15.57214	1.76E-01	2.27E-01	2.14E-01	5.98E+00	7.71E+00	7.29E+00	4.78E+00	6.15E+00	5.82E+00
763	496216.28, 3862893.93	0.47576	16.54695	13.29291	1.46E-01	1.88E-01	1.78E-01	5.08E+00	6.54E+00	6.19E+00	4.08E+00	5.25E+00	4.97E+00
764	496216.28, 3862993.93	0.40391	14.40887	11.78123	1.24E-01	1.60E-01	1.51E-01	4.42E+00	5.69E+00	5.39E+00	3.61E+00	4.66E+00	4.40E+00
765	496216.28, 3863093.93	0.35067	12.8254	10.54614	1.08E-01	1.39E-01	1.31E-01	3.93E+00	5.07E+00	4.79E+00	3.24E+00	4.17E+00	3.94E+00
766	496216.28, 3863193.93	0.30589	11.13263	9.65408	9.38E-02	1.21E-01	1.14E-01	3.42E+00	4.40E+00	4.16E+00	2.96E+00	3.81E+00	3.61E+00
767	496216.28, 3863293.93	0.26796	10.22025	8.96792	8.22E-02	1.06E-01	1.00E-01	3.14E+00	4.04E+00	3.82E+00	2.75E+00	3.54E+00	3.35E+00
768	496316.28, 3862693.93	0.73017	23.92737	19.1186	2.24E-01	2.89E-01	2.73E-01	7.34E+00	9.45E+00	8.94E+00	5.87E+00	7.55E+00	7.15E+00
769	496316.28, 3862793.93	0.59189	20.32932	16.13825	1.82E-01	2.34E-01	2.21E-01	6.24E+00	8.03E+00	7.60E+00	4.95E+00	6.38E+00	6.03E+00
770	496316.28, 3862893.93	0.48903	17.47145	13.95711	1.50E-01	1.93E-01	1.83E-01	5.36E+00	6.90E+00	6.53E+00	4.28E+00	5.52E+00	5.22E+00
771	496316.28, 3862993.93	0.41143	15.09057	12.19698	1.26E-01	1.63E-01	1.54E-01	4.63E+00	5.96E+00	5.64E+00	3.74E+00	4.82E+00	4.56E+00
772	496316.28, 3863093.93	0.3531	13.11931	10.74828	1.08E-01	1.40E-01	1.32E-01	4.02E+00	5.18E+00	4.90E+00	3.30E+00	4.25E+00	4.02E+00
773	496316.28, 3863193.93	0.3107	11.6081	9.8303	9.53E-02	1.23E-01	1.16E-01	3.56E+00	4.59E+00	4.34E+00	3.02E+00	3.88E+00	3.67E+00
774	496316.28, 3863293.93	0.27268	10.39368	9.06255	8.37E-02	1.08E-01	1.02E-01	3.19E+00	4.11E+00	3.89E+00	2.78E+00	3.58E+00	3.39E+00
775	496416.28, 3862693.93	0.75761	24.86386	20.00623	2.32E-01	2.99E-01	2.83E-01	7.63E+00	9.82E+00	9.30E+00	6.14E+00	7.91E+00	7.48E+00
776	496416.28, 3862793.93	0.61223	21.318	17.11746	1.88E-01	2.42E-01	2.29E-01	6.54E+00	8.42E+00	7.97E+00	5.25E+00	6.76E+00	6.40E+00
777	496416.28, 3862893.93	0.50111	18.28885	14.54859	1.54E-01	1.98E-01	1.87E-01	5.61E+00	7.23E+00	6.84E+00	4.46E+00	5.75E+00	5.44E+00
778	496416.28, 3862993.93	0.41934	15.69652	12.60643	1.29E-01	1.66E-01	1.57E-01	4.82E+00	6.20E+00	5.87E+00	3.87E+00	4.98E+00	4.71E+00
779	496416.28, 3863093.93	0.35809	13.67688	11.18721	1.10E-01	1.41E-01	1.34E-01	4.20E+00	5.40E+00	5.11E+00	3.43E+00	4.42E+00	4.18E+00
780	496416.28, 3863193.93	0.31277	12.05718	9.96388	9.59E-02	1.24E-01	1.17E-01	3.70E+00	4.76E+00	4.51E+00	3.06E+00	3.94E+00	3.72E+00
781	496416.28, 3863293.93	0.27607	10.61868	9.21102	8.47E-02	1.09E-01	1.03E-01	3.26E+00	4.20E+00	3.97E+00	2.83E+00	3.64E+00	3.44E+00
782	496516.28, 3862693.93	0.79139	25.972	20.9295	2.43E-01	3.13E-01	2.96E-01	7.97E+00	1.03E+01	9.71E+00	6.42E+00	8.27E+00	7.82E+00
783	496516.28, 3862793.93	0.6251	22.05559	17.67519	1.92E-01	2.47E-01	2.34E-01	6.77E+00	8.72E+00	8.25E+00	5.42E+00	6.98E+00	6.61E+00
784	496516.28, 3862893.93	0.51184	19.00936	15.06592	1.57E-01	2.02E-01	1.91E-01	5.83E+00	7.51E+00	7.11E+00	4.62E+00	5.95E+00	5.63E+00
785	496516.28, 3862993.93	0.42731	16.45819	13.20431	1.31E-01	1.69E-01	1.60E-01	5.05E+00	6.50E+00	6.15E+00	4.05E+00	5.22E+00	4.94E+00
786	496516.28, 3863093.93	0.36367	14.30418	11.56507	1.12E-01	1.44E-01	1.36E-01	4.39E+00	5.65E+00	5.35E+00	3.55E+00	4.57E+00	4.32E+00
787	496516.28, 3863193.93	0.31509	12.50642	10.25572	9.67E-02	1.25E-01	1.18E-01	3.84E+00	4.94E+00	4.68E+00	3.15E+00	4.05E+00	3.83E+00
788	496516.28, 3863293.93	0.27699	11.02263	9.34015	8.50E-02	1.09E-01	1.04E-01	3.38E+00	4.36E+00	4.12E+00	2.87E+00	3.69E+00	3.49E+00
789	496616.28, 3862693.93	0.81958	26.94994	21.9442	2.51E-01	3.24E-01	3.06E-01	8.27E+00	1.06E+01	1.01E+01	6.73E+00	8.67E+00	8.20E+00
790	496616.28, 3862793.93	0.64346	23.01935	18.45652	1.97E-01	2.54E-01	2.41E-01	7.06E+00	9.10E+00	8.61E+00	5.66E+00	7.29E+00	6.90E+00
791	496616.28, 3862893.93	0.52157	19.79363	15.83091	1.60E-01	2.06E-01	1.95E-01	6.07E+00	7.82E+00	7.40E+00	4.86E+00	6.26E+00	5.92E+00
792	496616.28, 3862993.93	0.43551	17.20086	13.70511	1.34E-01	1.72E-01	1.63E-01	5.28E+00	6.80E+00	6.43E+00	4.20E+00	5.42E+00	5.12E+00
793	496616.28, 3863093.93	0.36942	14.87796	11.96733	1.13E-01	1.46E-01	1.38E-01	4.56E+00	5.88E+00	5.56E+00	3.67E+00	4.73E+00	4.47E+00
794	496616.28, 3863193.93	0.31836	13.04691	10.65484	9.77E-02	1.26E-01	1.19E-01	4.00E+00	5.16E+00	4.88E+00	3.27E+00	4.21E+00	3.98E+00
795	496616.28, 3863293.93	0.27883	11.54024	9.54108	8.55E-02	1.10E-01	1.04E-01	3.54E+00	4.56E+00	4.31E+00	2.93E+00	3.77E+00	3.57E+00
796	496716.28, 3862793.93	0.65836	23.88645	19.27676	2.02E-01	2.60E-01	2.46E-01	7.33E+00	9.44E+00	8.93E+00	5.91E+00	7.62E+00	7.21E+00
797	496716.28, 3862893.93	0.53404	20.66834	16.61925	1.64E-01	2.11E-01	2.00E-01	6.34E+00	8.17E+00	7.73E+00	5.10E+00	6.57E+00	6.21E+00
798	496716.28, 3862993.93	0.44208	17.84655	14.14695	1.36E-01	1.75E-01	1.65E-01	5.47E+00	7.05E+00	6.67E+00	4.34E+00	5.59E+00	5.29E+00
799	496716.28, 3863093.93	0.37397	15.53947	12.50517	1.15E-01	1.48E-01	1.40E-01	4.77E+00	6.14E+00	5.81E+00	3.84E+00	4.94E+00	4.67E+00
800	496716.28, 3863193.93	0.32109	13.63774	10.99196	9.85E-02	1.27E-01	1.20E-01	4.18E+00	5.39E+00	5.10E+00	3.37E+00	4.34E+00	4.11E+00
801	496716.28, 3863293.93	0.28023	12.01643	9.85292	8.60E-02	1.11E-01	1.05E-01	3.69E+00	4.75E+00	4.49E+00	3.02E+00	3.89E+00	3.68E+00
802	496716.28, 3863393.93	0.24663	10.60833	8.994	7.57E-02	9.75E-02	9.22E-02	3.25E+00	4.19E+00	3.97E+00	2.76E+00	3.55E+00	3.36E+00
803	496816.28, 3862793.93	0.68267	25.10826	20.2818	2.09E-01	2.70E-01	2.55E-01	7.70E+00	9.92E+00	9.39E+00	6.22E+00	8.01E+00	7.58E+00
804	496816.28, 3862893.93	0.54217	21.41236	17.08247	1.66E-01	2.14E-01	2.03E-01	6.57E+00	8.46E+00	8.00E+00	5.24E+00	6.75E+00	6.39E+00
805	496816.28, 3862993.93	0.44697	18.51689	14.803	1.37E-01	1.77E-01	1.67E-01	5.68E+00	7.32E+00	6.92E+00	4.54E+00	5.85E+00	5.53E+00
806	496816.28, 3863093.93	0.37731	16.2198	12.93661	1.16E-01	1.49E-01	1.41E-01	4.98E+00	6.41E+00	6.06E+00	3.97E+00	5.11E+00	4.84E+00
807	496816.28, 3863193.93	0.32266	14.15256	11.40737	9.90E-02	1.27E-01	1.21E-01	4.34E+00	5.59E+00	5.29E+00	3.50E+00	4.51E+00	4.26E+00
808	496816.28, 3863293.93	0.28065	12.51902	10.20045	8.61E-02	1.11E-01	1.05E-01	3.84E+00	4.95E+00	4.68E+00	3.13E+00	4.03E+00	3.81E+00
809	496816.28, 3863393.93	0.24668	11.10566	9.18206	7.57E-02	9.75E-02	9.22E-02	3.41E+00	4.39E+00	4.15E+00	2.82E+00	3.63E+00	3.43E+00
810	496916.28, 3862793.93	0.67678	25.32599	20.75658	2.08E-01	2.67E-01	2.53E-01	7.77E+00	1.00E+01	9.47E+00	6.37E+00	8.20E+00	7.76E+00
811	496916.28, 3862893.93	0.54779	22.13203	17.87771	1.68E-01	2.16E-01	2.05E-01	6.79E+00	8.75E+00	8.27E+00	5.48E+00	7.06E+00	6.68E+00
812	496916.28, 3862993.93	0.4508	19.26432	15.47076	1.38E-01	1.78E-01	1.69E-01	5.91E+00	7.61E+00	7.20E+00	4.75E+00	6.11E+00	5.78E+00
813	496916.28, 3863093.93	0.37778	16.78834	13.32422	1.16E-01	1.49E-01	1.41E-01	5.15E+00	6.63E+00	6.28E+00	4.09E+00	5.26E+00	4.98E+00
814	496916.28, 3863193.93	0.32269	14.69807	11.86637	9.90E-02	1.28E-01	1.21E-01	4.51E+00	5.81E+00	5.49E+00	3.64E+00	4.69E+00	4.44E+00
815	496916.28, 3863293.93	0.28032	13.04325	10.48341	8.60E-02	1.11E-01	1.05E-01	4.00E+00	5.15E+00	4.88E+00	3.22E+00	4.14E+00	3.92E+00
816	496916.28, 3863393.93	0.24732	11.57997	9.4922	7.59E-02	9.77E-02	9.25E-02	3.55E+00	4.58E+00	4.33E+00	2.91E+00	3.75E+00	3.55E+00
817	497016.28, 3862793.93	0.68476	26.18184	21.87833	2.10E-01	2.71E-01	2.56E-01	8.03E+00	1.03E+01	9.79E+00	6.71E+00	8.64E+00	8.18E+00
818	497016.28, 3862893.93	0.55023	22.86031	18.42896	1.69E-01	2.17E-01	2.06E-01	7.01E+00	9.03E+00	8.55E+00	5.65E+00	7.28E+00	6.89E+00
819	497016.28, 3862993.93	0.45043	19.90748	15.8996	1.38E-01	1.78E-01	1.68E-01	6.11E+00	7.87E+00	7.44E+00	4.88E+00	6.28E+00	5.94E+00
820	497016.28, 3863093.93	0.37717	17.36199	13.88254	1.16E-01	1.49E-01	1.41E-01	5.33E+00	6.86E+00	6.49E+00	4.26E+00	5.49E+00	5.19E+00
821	497016.28, 3863193.93	0.32238	15.31179	12.21721	9.89E-02	1.27E-01	1.21E-01	4.70E+00	6.05E+00	5.72E+00	3.75E+00	4.83E+00	4.57E+00
822	497016.28, 3863293.93	0.27952	13.48335	10.8913	8.57E-02	1.10E-01	1.04E-01	4.14E+00	5.33E+00	5.04E+00	3.34E+00	4.30E+00	4.07E+00
823	497016.28, 3863393.93	0.24739	12.076	9.82529	7.59E-02	9.78E-02	9.25E-02	3.70E+00	4.77E+00	4.51E+00	3.01E+00	3.88E+00	3.67E+00
824	497116.28, 3862793.93	0.6915	27.41227	23.19503	2.12E-01	2.73E-01	2.59E-01	8.41E+00	1.08E+01	1.02E+01	7.12E+00	9.17E+00	8.67E+00
825	497116.28, 3862893.93	0.54461	23.42221	19.10773	1.67E-01	2.15E-01	2.04E-01	7.19E+00	9.26E+00	8.76E+00	5.86E+00	7.55E+00	7.14E+00
826	497116.28, 3862993.93	0.45027	20.65174	16.59778	1.38E-01	1.78E-01	1.68E-01	6.34E+00	8.16E+00	7.72E+00	5.09E+00	6.56E+00	6.20E+00

827	497116.28, 3863093.93	0.37858	18.1461	14.58015	1.16E-01	1.50E-01	1.42E-01	5.57E+00	7.17E+00	6.78E+00	4.47E+00	5.76E+00	5.45E+00
828	497116.28, 3863193.93	0.32188	15.87623	12.62442	9.87E-02	1.27E-01	1.20E-01	4.87E+00	6.27E+00	5.94E+00	3.87E+00	4.99E+00	4.72E+00
829	497116.28, 3863293.93	0.27888	13.9516	11.29764	8.56E-02	1.10E-01	1.04E-01	4.28E+00	5.51E+00	5.22E+00	3.47E+00	4.46E+00	4.22E+00
830	497116.28, 3863393.93	0.24586	12.5104	10.04942	7.54E-02	9.71E-02	9.19E-02	3.84E+00	4.94E+00	4.68E+00	3.08E+00	3.97E+00	3.76E+00
831	497216.28, 3862793.93	0.68543	28.53371	24.3337	2.10E-01	2.71E-01	2.56E-01	8.75E+00	1.13E+01	1.07E+01	7.46E+00	9.62E+00	9.10E+00
832	497216.28, 3862893.93	0.53951	24.09151	19.97926	1.66E-01	2.13E-01	2.02E-01	7.39E+00	9.52E+00	9.01E+00	6.13E+00	7.89E+00	7.47E+00
833	497216.28, 3862993.93	0.44396	21.12324	17.04097	1.36E-01	1.75E-01	1.66E-01	6.48E+00	8.35E+00	7.90E+00	5.23E+00	6.73E+00	6.37E+00
834	497216.28, 3863093.93	0.37619	18.73072	14.99702	1.15E-01	1.49E-01	1.41E-01	5.75E+00	7.40E+00	7.00E+00	4.60E+00	5.93E+00	5.61E+00
835	497216.28, 3863193.93	0.32086	16.4013	13.09234	9.84E-02	1.27E-01	1.20E-01	5.03E+00	6.48E+00	6.13E+00	4.02E+00	5.17E+00	4.89E+00
836	497216.28, 3863293.93	0.27795	14.51501	11.60471	8.53E-02	1.10E-01	1.04E-01	4.45E+00	5.74E+00	5.43E+00	3.56E+00	4.59E+00	4.34E+00
837	497216.28, 3863393.93	0.24437	12.89236	10.39835	7.50E-02	9.66E-02	9.14E-02	3.96E+00	5.09E+00	4.82E+00	3.19E+00	4.11E+00	3.89E+00
838	497316.28, 3862793.93	0.67967	30.01514	25.59145	2.09E-01	2.69E-01	2.54E-01	9.21E+00	1.19E+01	1.12E+01	7.85E+00	1.01E+01	9.57E+00
839	497316.28, 3862893.93	0.53767	25.00165	21.15954	1.65E-01	2.12E-01	2.01E-01	7.67E+00	9.88E+00	9.35E+00	6.49E+00	8.36E+00	7.91E+00
840	497316.28, 3862993.93	0.44217	21.83343	17.70981	1.36E-01	1.75E-01	1.65E-01	6.70E+00	8.63E+00	8.16E+00	5.43E+00	7.00E+00	6.62E+00
841	497316.28, 3863093.93	0.37255	19.23529	15.39187	1.14E-01	1.47E-01	1.39E-01	5.90E+00	7.60E+00	7.19E+00	4.72E+00	6.08E+00	5.75E+00
842	497316.28, 3863193.93	0.31873	16.94691	13.6508	9.78E-02	1.26E-01	1.19E-01	5.20E+00	6.70E+00	6.34E+00	4.19E+00	5.39E+00	5.10E+00
843	497316.28, 3863293.93	0.2769	15.0125	11.9767	8.49E-02	1.09E-01	1.04E-01	4.61E+00	5.93E+00	5.61E+00	3.67E+00	4.73E+00	4.48E+00
844	497316.28, 3863393.93	0.24366	13.28216	10.76853	7.47E-02	9.63E-02	9.11E-02	4.07E+00	5.25E+00	4.97E+00	3.30E+00	4.26E+00	4.03E+00
845	497416.28, 3862793.93	0.67708	32.05559	27.33563	2.08E-01	2.68E-01	2.53E-01	9.83E+00	1.27E+01	1.20E+01	8.39E+00	1.08E+01	1.02E+01
846	497416.28, 3862893.93	0.53397	25.93747	22.15902	1.64E-01	2.11E-01	2.00E-01	7.96E+00	1.02E+01	9.70E+00	6.80E+00	8.76E+00	8.28E+00
847	497416.28, 3862993.93	0.44081	22.53291	18.54766	1.35E-01	1.74E-01	1.65E-01	6.91E+00	8.90E+00	8.42E+00	5.69E+00	7.33E+00	6.93E+00
848	497416.28, 3863093.93	0.37142	19.84748	16.05994	1.14E-01	1.47E-01	1.39E-01	6.09E+00	7.84E+00	7.42E+00	4.93E+00	6.35E+00	6.00E+00
849	497416.28, 3863193.93	0.31792	17.51357	14.01677	9.75E-02	1.26E-01	1.19E-01	5.37E+00	6.92E+00	6.55E+00	4.30E+00	5.54E+00	5.24E+00
850	497416.28, 3863293.93	0.27648	15.48717	12.34268	8.48E-02	1.09E-01	1.03E-01	4.75E+00	6.12E+00	5.79E+00	3.79E+00	4.88E+00	4.61E+00
851	497416.28, 3863393.93	0.24303	13.78358	11.01077	7.46E-02	9.60E-02	9.09E-02	4.23E+00	5.45E+00	5.15E+00	3.38E+00	4.35E+00	4.12E+00
852	497516.28, 3862693.93	0.92121	45.51939	37.21851	2.83E-01	3.64E-01	3.44E-01	1.40E+01	1.80E+01	1.70E+01	1.14E+01	1.47E+01	1.39E+01
853	497516.28, 3862793.93	0.67353	34.09091	29.23321	2.07E-01	2.66E-01	2.52E-01	1.05E+01	1.35E+01	1.27E+01	8.97E+00	1.16E+01	1.09E+01
854	497516.28, 3862893.93	0.53212	26.96965	23.1252	1.63E-01	2.10E-01	1.99E-01	8.27E+00	1.07E+01	1.01E+01	7.09E+00	9.14E+00	8.65E+00
855	497516.28, 3862993.93	0.44289	23.47398	19.73023	1.36E-01	1.75E-01	1.66E-01	7.20E+00	9.28E+00	8.78E+00	6.05E+00	7.80E+00	7.38E+00
856	497516.28, 3863093.93	0.36884	20.35077	16.47364	1.13E-01	1.46E-01	1.38E-01	6.24E+00	8.04E+00	7.61E+00	5.05E+00	6.51E+00	6.16E+00
857	497516.28, 3863193.93	0.31769	18.08423	14.41427	9.75E-02	1.26E-01	1.19E-01	5.55E+00	7.15E+00	6.76E+00	4.42E+00	5.70E+00	5.39E+00
858	497516.28, 3863293.93	0.27573	15.98138	12.84368	8.46E-02	1.09E-01	1.03E-01	4.90E+00	6.31E+00	5.97E+00	3.94E+00	5.08E+00	4.80E+00
859	497516.28, 3863393.93	0.24304	14.27062	11.43575	7.46E-02	9.60E-02	9.09E-02	4.38E+00	5.64E+00	5.33E+00	3.51E+00	4.52E+00	4.28E+00
860	497616.28, 3862693.93	0.89708	48.28689	38.92498	2.75E-01	3.54E-01	3.35E-01	1.48E+01	1.91E+01	1.81E+01	1.19E+01	1.54E+01	1.46E+01
861	497616.28, 3862793.93	0.66683	35.81092	30.32416	2.05E-01	2.63E-01	2.49E-01	1.10E+01	1.42E+01	1.34E+01	9.30E+00	1.20E+01	1.13E+01
862	497616.28, 3862893.93	0.52896	28.43398	24.11414	1.62E-01	2.09E-01	1.98E-01	8.72E+00	1.12E+01	1.06E+01	7.40E+00	9.53E+00	9.01E+00
863	497616.28, 3862993.93	0.44041	24.23138	20.65654	1.35E-01	1.74E-01	1.65E-01	7.43E+00	9.57E+00	9.06E+00	6.34E+00	8.16E+00	7.72E+00
864	497616.28, 3863093.93	0.36752	20.95265	17.17127	1.13E-01	1.45E-01	1.37E-01	6.43E+00	8.28E+00	7.83E+00	5.27E+00	6.79E+00	6.42E+00
865	497616.28, 3863193.93	0.31761	18.71991	15.09882	9.74E-02	1.26E-01	1.19E-01	5.74E+00	7.40E+00	7.00E+00	4.63E+00	5.97E+00	5.64E+00
866	497616.28, 3863293.93	0.27492	16.50836	13.22336	8.43E-02	1.09E-01	1.03E-01	5.06E+00	6.52E+00	6.17E+00	4.06E+00	5.23E+00	4.94E+00
867	497616.28, 3863393.93	0.2428	14.72777	11.71655	7.45E-02	9.59E-02	9.08E-02	4.52E+00	5.82E+00	5.51E+00	3.59E+00	4.63E+00	4.38E+00
868	497716.28, 3862693.93	0.87106	51.01503	41.70023	2.67E-01	3.44E-01	3.26E-01	1.56E+01	2.02E+01	1.91E+01	1.28E+01	1.65E+01	1.56E+01
869	497716.28, 3862793.93	0.65394	37.50768	31.11244	2.01E-01	2.58E-01	2.44E-01	1.15E+01	1.48E+01	1.40E+01	9.54E+00	1.23E+01	1.16E+01
870	497716.28, 3862893.93	0.52299	30.07866	25.55019	1.60E-01	2.07E-01	1.96E-01	9.23E+00	1.19E+01	1.12E+01	7.84E+00	1.01E+01	9.55E+00
871	497716.28, 3862993.93	0.4378	25.07126	21.49462	1.34E-01	1.73E-01	1.64E-01	7.69E+00	9.91E+00	9.37E+00	6.59E+00	8.49E+00	8.04E+00
872	497716.28, 3863093.93	0.36688	21.57467	18.00082	1.13E-01	1.45E-01	1.37E-01	6.62E+00	8.53E+00	8.07E+00	5.52E+00	7.11E+00	6.73E+00
873	497716.28, 3863193.93	0.31694	19.30379	15.70568	9.72E-02	1.25E-01	1.18E-01	5.92E+00	7.63E+00	7.22E+00	4.82E+00	6.21E+00	5.87E+00
874	497716.28, 3863293.93	0.27533	17.11104	13.62701	8.45E-02	1.09E-01	1.03E-01	5.25E+00	6.76E+00	6.40E+00	4.18E+00	5.38E+00	5.09E+00
875	497716.28, 3863393.93	0.24228	15.19584	12.18788	7.43E-02	9.57E-02	9.06E-02	4.66E+00	6.00E+00	5.68E+00	3.74E+00	4.82E+00	4.56E+00
876	497816.28, 3862693.93	0.83131	52.04997	42.34551	2.55E-01	3.28E-01	3.11E-01	1.60E+01	2.06E+01	1.95E+01	1.30E+01	1.67E+01	1.58E+01
877	497816.28, 3862793.93	0.63997	39.61303	31.99425	1.96E-01	2.53E-01	2.39E-01	1.22E+01	1.57E+01	1.48E+01	9.81E+00	1.26E+01	1.20E+01
878	497816.28, 3862893.93	0.51512	31.5333	26.70865	1.58E-01	2.04E-01	1.93E-01	9.67E+00	1.25E+01	1.18E+01	8.19E+00	1.06E+01	9.98E+00
879	497816.28, 3862993.93	0.43318	25.99727	22.24218	1.33E-01	1.71E-01	1.62E-01	7.98E+00	1.03E+01	9.72E+00	6.82E+00	8.79E+00	8.31E+00
880	497816.28, 3863093.93	0.3651	22.20209	18.81513	1.12E-01	1.44E-01	1.36E-01	6.81E+00	8.77E+00	8.30E+00	5.77E+00	7.43E+00	7.03E+00
881	497816.28, 3863193.93	0.31528	19.79968	16.11345	9.67E-02	1.25E-01	1.18E-01	6.07E+00	7.82E+00	7.40E+00	4.94E+00	6.37E+00	6.02E+00
882	497816.28, 3863293.93	0.27532	17.67183	14.11152	8.45E-02	1.09E-01	1.03E-01	5.42E+00	6.98E+00	6.61E+00	4.33E+00	5.58E+00	5.28E+00
883	497816.28, 3863393.93	0.24209	15.72588	12.59803	7.43E-02	9.57E-02	9.05E-02	4.82E+00	6.21E+00	5.88E+00	3.86E+00	4.98E+00	4.71E+00
884	497916.28, 3862693.93	0.78296	52.60202	42.84234	2.40E-01	3.09E-01	2.93E-01	1.61E+01	2.08E+01	1.97E+01	1.31E+01	1.69E+01	1.60E+01
885	497916.28, 3862793.93	0.62378	41.41181	32.97451	1.91E-01	2.46E-01	2.33E-01	1.27E+01	1.64E+01	1.55E+01	1.01E+01	1.30E+01	1.23E+01
886	497916.28, 3862893.93	0.51058	33.02705	27.64791	1.57E-01	2.02E-01	1.91E-01	1.01E+01	1.31E+01	1.23E+01	8.48E+00	1.09E+01	1.03E+01
887	497916.28, 3862993.93	0.42781	27.36755	23.19195	1.31E-01	1.69E-01	1.60E-01	8.40E+00	1.08E+01	1.02E+01	7.11E+00	9.16E+00	8.67E+00
888	497916.28, 3863093.93	0.36347	23.03843	19.69626	1.12E-01	1.44E-01	1.36E-01	7.07E+00	9.10E+00	8.61E+00	6.04E+00	7.78E+00	7.36E+00
889	497916.28, 3863193.93	0.31289	20.23828	16.78161	9.60E-02	1.24E-01	1.17E-01	6.21E+00	8.00E+00	7.57E+00	5.15E+00	6.63E+00	6.27E+00
890	497916.28, 3863293.93	0.27398	18.15695	14.80508	8.40E-02	1.08E-01	1.02E-01	5.57E+00	7.17E+00	6.79E+00	4.54E+00	5.85E+00	5.53E+00
891	497916.28, 3863393.93	0.24179	16.23035	12.89749	7.42E-02	9.55E-02	9.04E-02	4.98E+00	6.41E+00	6.07E+00	3.96E+00	5.10E+00	4.82E+00
892	498016.28, 3862693.93	0.75672	54.81158	42.32535	2.32E-01	2.99E-01	2.83E-01	1.68E+01	2.17E+01	2.05E+01	1.30E+01	1.67E+01	1.58E+01
893	498016.28, 3862793.93	0.61907	44.04742	35.53522	1.90E-01	2.45E-01	2.31E-01	1.35E+01	1.74E+01	1.65E+01	1.09E+01	1.40E+01	1.33E+01
894	498016.28, 3862893.93	0.50396	34.57447	28.20446	1.55E-01	1.99E-01	1.88E-01	1.06E+01	1.37E+01	1.29E+01	8.65E+00	1.11E+01	1.05E+01
895	498016.28, 3862993.93	0.42348	28.88366	24.48811	1.30E-01	1.67E-01	1.58E-01	8.86E+00	1.14E+01	1.08E+01	7.51E+00	9.68E+00	9.15E+00
896	498016.28, 3863093.93	0.35996	23.75823	20.3995	1.10E-01	1.42E-01	1.35E-01	7.29E+00	9.39E+00	8.88E+00	6.26E+00	8.06E+00	7.63E+00
897	498016.28, 3863193.93	0.31088	20.73327	17.49458	9.54E-02	1.23E-01	1.16E-01	6.36E+00	8.19E+00	7.75E+00	5.37E+00	6.91E+00	6.54E+00
898	498016.28, 3863293.93	0.27149	18.53264	15.07018	8.33E-02	1.07E-01	1.01E-01	5.69E+00	7.32E+00	6.93E+00	4.62E+00	5.95E+00	5.63E+00
899	498016.28, 3863393.93	0.241	16.70189	13.21072	7.39E-02	9.52E-02	9.01E-02	5.12E+00	6.60E+00	6.24E+00	4.05E+00	5.22E+00	4.94E+00
900	498116.28, 3862693.93	0.70926	51.56876	39.17109	2.18E-01	2.80E-01	2.65E-01	1.58E+01	2.04E+01	1.93E+01	1.20E+01	1.55E+01	1.46E+01
901	498116.28, 3862793.93	0.59249	43.28974	34.84568	1.82E-01	2.34E-01	2.21E-01	1.33E+01	1.71E+01	1.62E+01	1.07E+01	1.38E+01	1.30E+01
902	498116.28, 3862893.93	0.49522	36.34277	28.91957	1.52E-01	1.96E-01	1.85E-01	1.11E+01	1.44E+01	1.36E+01	8.87E+00	1.14E+01	1.08E+01
903	498116.28, 3862993.93	0.41543	29.68519	24.71021	1.27E-01	1.64E-01	1.55E-01	9.11E+00	1.17E+01	1.11E+01	7.58E+00	9.76E+00	9.24E+00
904	498116.28, 3863093.93	0.35433	24.56117	20.80494	1.09E-01	1.40E-01	1.32E-01	7.53E+00	9.71E+00	9.18E+00	6.38E+00	8.22E+00	7.78E+00
905	498116.28, 3863193.93	0.3077	21.24092	18.10409	9.44E-02	1.22E-01	1.15E-01	6.52E+00	8.39E+00	7.94E+00	5.55E+00	7.15E+00	6.77E+00
906	498116.28, 3863293.93	0.27055	19.04475	15.66789	8.30E-02	1.07E-01	1.01E-01	5.84E+00	7.53E+00	7.12E+00	4.81E+00	6.19E+00	5.86E+00
907	498116.28, 3863393.93	0.23918	17.10595	13.85825	7.34E-02	9.45E-02	8.94E-02	5.25E+00	6.76E+00	6.39E+00	4.25E+00	5.48E+00	5.18E+00
908	498216.28, 3862693.93	0.67048	48.77377	38.29955	2.06E-01	2.65E-01	2.51E-01	1.50E+01	1.93E+01	1.82E+01	1.17E+01	1.51E+01	1.43E+01
909	498216.28, 3862793.93	0.56549	42.9654	34.64025	1.73E-01	2.23E-01	2.11E-01	1.32E+01	1.70E+01	1.61E+01	1.06E+01	1.37E+01	1.29E+01

910	498216.28, 3862893.93	0.48004	36.92866	29.36801	1.47E-01	1.90E-01	1.79E-01	1.13E+01	1.46E+01	1.38E+01	9.01E+00	1.16E+01	1.10E+01
911	498216.28, 3862993.93	0.41112	30.56765	24.8708	1.26E-01	1.62E-01	1.54E-01	9.38E+00	1.21E+01	1.14E+01	7.63E+00	9.83E+00	9.30E+00
912	498216.28, 3863093.93	0.35056	25.73019	21.54199	1.08E-01	1.39E-01	1.31E-01	7.89E+00	1.02E+01	9.62E+00	6.61E+00	8.51E+00	8.05E+00
913	498216.28, 3863193.93	0.30501	21.79818	18.59187	9.36E-02	1.21E-01	1.14E-01	6.69E+00	8.61E+00	8.15E+00	5.70E+00	7.35E+00	6.95E+00
914	498216.28, 3863293.93	0.26886	19.42856	16.2706	8.25E-02	1.06E-01	1.01E-01	5.96E+00	7.68E+00	7.26E+00	4.99E+00	6.43E+00	6.08E+00
915	498216.28, 3863393.93	0.23817	17.57246	14.30376	7.31E-02	9.41E-02	8.90E-02	5.39E+00	6.94E+00	6.57E+00	4.39E+00	5.65E+00	5.35E+00
916	498316.28, 3862693.93	0.63453	45.39503	35.86785	1.95E-01	2.51E-01	2.37E-01	1.39E+01	1.79E+01	1.70E+01	1.10E+01	1.42E+01	1.34E+01
917	498316.28, 3862793.93	0.54099	43.00724	33.05682	1.66E-01	2.14E-01	2.02E-01	1.32E+01	1.70E+01	1.61E+01	1.01E+01	1.31E+01	1.24E+01
918	498316.28, 3862893.93	0.46545	36.94309	29.54432	1.43E-01	1.84E-01	1.74E-01	1.13E+01	1.46E+01	1.38E+01	9.06E+00	1.17E+01	1.10E+01
919	498316.28, 3862993.93	0.40059	31.24185	24.97719	1.23E-01	1.58E-01	1.50E-01	9.58E+00	1.23E+01	1.17E+01	7.66E+00	9.87E+00	9.34E+00
920	498316.28, 3863093.93	0.34639	26.66184	22.21395	1.06E-01	1.37E-01	1.29E-01	8.18E+00	1.05E+01	9.97E+00	6.81E+00	8.78E+00	8.30E+00
921	498316.28, 3863193.93	0.30146	22.3708	19.10141	9.25E-02	1.19E-01	1.13E-01	6.86E+00	8.84E+00	8.36E+00	5.86E+00	7.55E+00	7.14E+00
922	498316.28, 3863293.93	0.26553	19.72985	16.65587	8.15E-02	1.05E-01	9.93E-02	6.05E+00	7.80E+00	7.38E+00	5.11E+00	6.58E+00	6.23E+00
923	498316.28, 3863393.93	0.23616	17.87563	14.63095	7.24E-02	9.33E-02	8.83E-02	5.48E+00	7.06E+00	6.68E+00	4.49E+00	5.78E+00	5.47E+00
924	498416.28, 3862593.93	0.66935	35.86191	29.89814	2.05E-01	2.64E-01	2.50E-01	1.10E+01	1.42E+01	1.34E+01	9.17E+00	1.18E+01	1.12E+01
925	498416.28, 3862693.93	0.60165	41.94176	33.22023	1.85E-01	2.38E-01	2.25E-01	1.29E+01	1.66E+01	1.57E+01	1.02E+01	1.31E+01	1.24E+01
926	498416.28, 3862793.93	0.51941	41.49456	31.03347	1.59E-01	2.05E-01	1.94E-01	1.27E+01	1.64E+01	1.55E+01	9.52E+00	1.23E+01	1.16E+01
927	498416.28, 3862893.93	0.44937	35.72502	28.86375	1.38E-01	1.78E-01	1.68E-01	1.10E+01	1.41E+01	1.34E+01	8.85E+00	1.14E+01	1.08E+01
928	498416.28, 3862993.93	0.39038	31.96714	25.26346	1.20E-01	1.54E-01	1.46E-01	9.81E+00	1.26E+01	1.20E+01	7.75E+00	9.98E+00	9.44E+00
929	498416.28, 3863093.93	0.34072	27.12801	21.90845	1.05E-01	1.35E-01	1.27E-01	8.32E+00	1.07E+01	1.01E+01	6.72E+00	8.66E+00	8.19E+00
930	498416.28, 3863193.93	0.29877	23.30666	19.42947	9.17E-02	1.18E-01	1.12E-01	7.15E+00	9.21E+00	8.71E+00	5.96E+00	7.68E+00	7.26E+00
931	498416.28, 3863293.93	0.26363	20.20987	17.01643	8.09E-02	1.04E-01	9.86E-02	6.20E+00	7.99E+00	7.56E+00	5.22E+00	6.72E+00	6.36E+00
932	498416.28, 3863393.93	0.23459	18.15752	15.05775	7.20E-02	9.27E-02	8.77E-02	5.57E+00	7.17E+00	6.79E+00	4.62E+00	5.95E+00	5.63E+00
933	498516.28, 3862593.93	0.62571	33.23499	27.39391	1.92E-01	2.47E-01	2.34E-01	1.02E+01	1.31E+01	1.24E+01	8.40E+00	1.08E+01	1.02E+01
934	498516.28, 3862693.93	0.56939	38.65277	30.43502	1.75E-01	2.25E-01	2.13E-01	1.19E+01	1.53E+01	1.44E+01	9.34E+00	1.20E+01	1.14E+01
935	498516.28, 3862793.93	0.49505	39.2744	29.83481	1.52E-01	1.96E-01	1.85E-01	1.20E+01	1.55E+01	1.47E+01	9.15E+00	1.18E+01	1.12E+01
936	498516.28, 3862893.93	0.43287	35.23191	28.43604	1.33E-01	1.71E-01	1.62E-01	1.08E+01	1.39E+01	1.32E+01	8.72E+00	1.12E+01	1.06E+01
937	498516.28, 3862993.93	0.37939	31.89777	25.00867	1.16E-01	1.50E-01	1.42E-01	9.79E+00	1.26E+01	1.19E+01	7.67E+00	9.88E+00	9.35E+00
938	498516.28, 3863093.93	0.33394	27.28247	21.96597	1.02E-01	1.32E-01	1.25E-01	8.37E+00	1.08E+01	1.02E+01	6.74E+00	8.68E+00	8.21E+00
939	498516.28, 3863193.93	0.29643	24.26853	20.00889	9.09E-02	1.17E-01	1.11E-01	7.44E+00	9.59E+00	9.07E+00	6.14E+00	7.91E+00	7.48E+00
940	498516.28, 3863293.93	0.26058	20.52186	17.57983	7.99E-02	1.03E-01	9.74E-02	6.30E+00	8.11E+00	7.67E+00	5.39E+00	6.95E+00	6.57E+00
941	498516.28, 3863393.93	0.23273	18.42923	15.45044	7.14E-02	9.20E-02	8.70E-02	5.65E+00	7.28E+00	6.89E+00	4.74E+00	6.11E+00	5.78E+00
942	498616.28, 3862593.93	0.58716	31.19296	25.26137	1.80E-01	2.32E-01	2.20E-01	9.57E+00	1.23E+01	1.17E+01	7.75E+00	9.98E+00	9.44E+00
943	498616.28, 3862693.93	0.54061	35.83425	28.95892	1.66E-01	2.14E-01	2.02E-01	1.10E+01	1.42E+01	1.34E+01	8.88E+00	1.14E+01	1.08E+01
944	498616.28, 3862793.93	0.47874	37.82795	29.55134	1.47E-01	1.89E-01	1.79E-01	1.16E+01	1.49E+01	1.41E+01	9.07E+00	1.17E+01	1.10E+01
945	498616.28, 3862893.93	0.41825	35.45344	27.43468	1.28E-01	1.65E-01	1.56E-01	1.09E+01	1.40E+01	1.33E+01	8.42E+00	1.08E+01	1.03E+01
946	498616.28, 3862993.93	0.36949	31.5547	25.05573	1.13E-01	1.46E-01	1.38E-01	9.68E+00	1.25E+01	1.18E+01	7.69E+00	9.90E+00	9.37E+00
947	498616.28, 3863093.93	0.32698	28.0612	21.92871	1.00E-01	1.29E-01	1.22E-01	8.61E+00	1.11E+01	1.05E+01	6.73E+00	8.66E+00	8.20E+00
948	498616.28, 3863193.93	0.29057	24.54797	19.71864	8.91E-02	1.15E-01	1.09E-01	7.53E+00	9.70E+00	9.18E+00	6.05E+00	7.79E+00	7.37E+00
949	498616.28, 3863293.93	0.25875	21.23863	17.73856	7.94E-02	1.02E-01	9.67E-02	6.52E+00	8.39E+00	7.94E+00	5.44E+00	7.01E+00	6.63E+00
950	498616.28, 3863393.93	0.23058	18.72765	15.577	7.07E-02	9.11E-02	8.62E-02	5.75E+00	7.40E+00	7.00E+00	4.78E+00	6.16E+00	5.82E+00

		CO	CO		1 HR			8 HR		
		1hr	8hr		2028	2033	2048	2028	2033	2048
		Concentration [ug/m^3] at 1 g/s		Rates (g/s):	7.47E-02	1.01E-01	1.12E-01	7.47E-02	1.01E-01	1.12E-01
	X, Y	SLINE1	SLINE1							
1	492865.26, 3860327.3	12.8121	2.86301		9.56E-01	1.30E+00	1.44E+00	2.14E-01	2.90E-01	3.21E-01
2	492865.26, 3860377.3	14.04603	3.078		1.05E+00	1.42E+00	1.57E+00	2.30E-01	3.12E-01	3.45E-01
3	492865.26, 3860427.3	15.18188	3.50882		1.13E+00	1.54E+00	1.70E+00	2.62E-01	3.56E-01	3.93E-01
4	492915.26, 3860327.3	12.00443	2.6933		8.96E-01	1.22E+00	1.35E+00	2.01E-01	2.73E-01	3.02E-01
5	492915.26, 3860377.3	13.48287	2.93861		1.01E+00	1.37E+00	1.51E+00	2.19E-01	2.98E-01	3.29E-01
6	492915.26, 3860427.3	14.78384	3.491		1.10E+00	1.50E+00	1.66E+00	2.61E-01	3.54E-01	3.91E-01
7	492965.26, 3860327.3	10.7413	2.47817		8.02E-01	1.09E+00	1.20E+00	1.85E-01	2.51E-01	2.78E-01
8	492965.26, 3860377.3	11.81399	2.65996		8.82E-01	1.20E+00	1.32E+00	1.99E-01	2.70E-01	2.98E-01
9	492965.26, 3860427.3	13.84393	3.25317		1.03E+00	1.40E+00	1.55E+00	2.43E-01	3.30E-01	3.65E-01
10	493015.26, 3860327.3	9.10925	2.23005		6.80E-01	9.24E-01	1.02E+00	1.66E-01	2.26E-01	2.50E-01
11	493015.26, 3860377.3	10.22361	2.37867		7.63E-01	1.04E+00	1.15E+00	1.78E-01	2.41E-01	2.67E-01
12	493015.26, 3860427.3	11.94434	2.79394		8.92E-01	1.21E+00	1.34E+00	2.09E-01	2.83E-01	3.13E-01
13	493065.26, 3860327.3	7.56161	2.01342		5.64E-01	7.67E-01	8.48E-01	1.50E-01	2.04E-01	2.26E-01
14	493065.26, 3860377.3	8.64456	2.16811		6.45E-01	8.77E-01	9.69E-01	1.62E-01	2.20E-01	2.43E-01
15	493065.26, 3860427.3	11.12691	2.66499		8.31E-01	1.13E+00	1.25E+00	1.99E-01	2.70E-01	2.99E-01
16	493065.26, 3860477.3	13.32533	3.39503		9.95E-01	1.35E+00	1.49E+00	2.53E-01	3.44E-01	3.81E-01
17	493115.26, 3860327.3	7.03248	1.95625		5.25E-01	7.13E-01	7.88E-01	1.46E-01	1.98E-01	2.19E-01
18	493115.26, 3860377.3	8.6444	2.16407		6.45E-01	8.77E-01	9.69E-01	1.62E-01	2.20E-01	2.43E-01
19	493115.26, 3860427.3	10.71366	2.58141		8.00E-01	1.09E+00	1.20E+00	1.93E-01	2.62E-01	2.89E-01
20	493115.26, 3860477.3	12.80624	3.32682		9.56E-01	1.30E+00	1.44E+00	2.48E-01	3.37E-01	3.73E-01
21	493165.26, 3860327.3	7.77258	2.06029		5.80E-01	7.88E-01	8.71E-01	1.54E-01	2.09E-01	2.31E-01
22	493165.26, 3860377.3	9.28088	2.27677		6.93E-01	9.41E-01	1.04E+00	1.70E-01	2.31E-01	2.55E-01
23	493165.26, 3860427.3	11.49646	2.84264		8.58E-01	1.17E+00	1.29E+00	2.12E-01	2.88E-01	3.19E-01
24	493165.26, 3860477.3	12.92308	3.47424		9.65E-01	1.31E+00	1.45E+00	2.59E-01	3.52E-01	3.89E-01
25	493215.26, 3860327.3	8.56868	2.19521		6.40E-01	8.69E-01	9.60E-01	1.64E-01	2.23E-01	2.46E-01
26	493215.26, 3860377.3	9.95607	2.37829		7.43E-01	1.01E+00	1.12E+00	1.78E-01	2.41E-01	2.67E-01
27	493215.26, 3860427.3	10.94358	2.75241		8.17E-01	1.11E+00	1.23E+00	2.05E-01	2.79E-01	3.09E-01
28	493215.26, 3860477.3	12.09229	3.20036		9.03E-01	1.23E+00	1.36E+00	2.39E-01	3.25E-01	3.59E-01
29	493265.26, 3860327.3	7.86844	2.11672		5.87E-01	7.98E-01	8.82E-01	1.58E-01	2.15E-01	2.37E-01
30	493265.26, 3860377.3	8.46308	2.17475		6.32E-01	8.59E-01	9.49E-01	1.62E-01	2.21E-01	2.44E-01
31	493265.26, 3860427.3	9.57828	2.34035		7.15E-01	9.72E-01	1.07E+00	1.75E-01	2.37E-01	2.62E-01
32	493265.26, 3860477.3	11.17886	2.89211		8.35E-01	1.13E+00	1.25E+00	2.16E-01	2.93E-01	3.24E-01
33	493265.26, 3860527.3	11.97007	3.06112		8.94E-01	1.21E+00	1.34E+00	2.29E-01	3.11E-01	3.43E-01
34	493315.26, 3860327.3	6.88811	2.00073		5.14E-01	6.99E-01	7.72E-01	1.49E-01	2.03E-01	2.24E-01
35	493315.26, 3860377.3	7.91478	2.11739		5.91E-01	8.03E-01	8.87E-01	1.58E-01	2.15E-01	2.37E-01
36	493315.26, 3860427.3	8.52057	2.18245		6.36E-01	8.64E-01	9.55E-01	1.63E-01	2.21E-01	2.45E-01
37	493315.26, 3860477.3	10.22822	2.57904		7.64E-01	1.04E+00	1.15E+00	1.93E-01	2.62E-01	2.89E-01
38	493315.26, 3860527.3	11.26281	2.8128		8.41E-01	1.14E+00	1.26E+00	2.10E-01	2.85E-01	3.15E-01
39	493365.26, 3860327.3	6.21008	1.92968		4.64E-01	6.30E-01	6.96E-01	1.44E-01	1.96E-01	2.16E-01
40	493365.26, 3860377.3	7.21814	2.04074		5.39E-01	7.32E-01	8.09E-01	1.52E-01	2.07E-01	2.29E-01
41	493365.26, 3860427.3	8.24109	2.1583		6.15E-01	8.36E-01	9.24E-01	1.61E-01	2.19E-01	2.42E-01
42	493365.26, 3860477.3	9.92259	2.5286		7.41E-01	1.01E+00	1.11E+00	1.89E-01	2.57E-01	2.83E-01
43	493365.26, 3860527.3	11.59498	2.99875		8.66E-01	1.18E+00	1.30E+00	2.24E-01	3.04E-01	3.36E-01
44	493651.76, 3860323.73	5.41857	2.04988		4.05E-01	5.50E-01	6.07E-01	1.53E-01	2.08E-01	2.30E-01
45	493651.76, 3860373.73	6.26022	2.28246		4.67E-01	6.35E-01	7.02E-01	1.70E-01	2.32E-01	2.56E-01
46	493651.76, 3860423.73	7.57539	2.50069		5.66E-01	7.68E-01	8.49E-01	1.87E-01	2.54E-01	2.80E-01
47	493651.76, 3860473.73	8.8922	2.7092		6.64E-01	9.02E-01	9.97E-01	2.02E-01	2.75E-01	3.04E-01
48	493651.76, 3860523.73	10.24442	2.95154		7.65E-01	1.04E+00	1.15E+00	2.20E-01	2.99E-01	3.31E-01
49	493651.76, 3860573.73	11.69647	3.27823		8.73E-01	1.19E+00	1.31E+00	2.45E-01	3.33E-01	3.67E-01
50	493651.76, 3860623.73	13.18071	3.67484		9.84E-01	1.34E+00	1.48E+00	2.74E-01	3.73E-01	4.12E-01
51	493701.76, 3860323.73	5.34954	1.99452		3.99E-01	5.43E-01	6.00E-01	1.49E-01	2.02E-01	2.24E-01
52	493701.76, 3860373.73	5.75446	2.11944		4.30E-01	5.84E-01	6.45E-01	1.58E-01	2.15E-01	2.38E-01
53	493701.76, 3860423.73	7.2623	2.54297		5.42E-01	7.37E-01	8.14E-01	1.90E-01	2.58E-01	2.85E-01
54	493701.76, 3860473.73	8.43168	2.66616		6.29E-01	8.55E-01	9.45E-01	1.99E-01	2.70E-01	2.99E-01
55	493701.76, 3860523.73	9.88132	2.95488		7.38E-01	1.00E+00	1.11E+00	2.21E-01	3.00E-01	3.31E-01
56	493701.76, 3860573.73	11.94962	3.6148		8.92E-01	1.21E+00	1.34E+00	2.70E-01	3.67E-01	4.05E-01
57	493701.76, 3860623.73	13.84586	4.25931		1.03E+00	1.40E+00	1.55E+00	3.18E-01	4.32E-01	4.77E-01
58	493701.76, 3860673.73	15.10524	4.58163		1.13E+00	1.53E+00	1.69E+00	3.42E-01	4.65E-01	5.14E-01
59	493751.76, 3860323.73	5.24927	1.92371		3.92E-01	5.32E-01	5.88E-01	1.44E-01	1.95E-01	2.16E-01
60	493751.76, 3860373.73	5.93559	2.14119		4.43E-01	6.02E-01	6.65E-01	1.60E-01	2.17E-01	2.40E-01
61	493751.76, 3860423.73	6.94351	2.39027		5.18E-01	7.04E-01	7.78E-01	1.78E-01	2.42E-01	2.68E-01

62	493751.76, 3860473.73	8.32327	2.84663	6.21E-01	8.44E-01	9.33E-01	2.13E-01	2.89E-01	3.19E-01
63	493751.76, 3860523.73	9.62346	3.04672	7.18E-01	9.76E-01	1.08E+00	2.27E-01	3.09E-01	3.42E-01
64	493751.76, 3860573.73	11.33268	3.50641	8.46E-01	1.15E+00	1.27E+00	2.62E-01	3.56E-01	3.93E-01
65	493751.76, 3860623.73	13.1026	4.05685	9.78E-01	1.33E+00	1.47E+00	3.03E-01	4.12E-01	4.55E-01
66	493801.76, 3860323.73	5.1493	1.87301	3.84E-01	5.22E-01	5.77E-01	1.40E-01	1.90E-01	2.10E-01
67	493801.76, 3860373.73	6.00733	2.0937	4.48E-01	6.09E-01	6.73E-01	1.56E-01	2.12E-01	2.35E-01
68	493801.76, 3860423.73	6.82642	2.38494	5.10E-01	6.92E-01	7.65E-01	1.78E-01	2.42E-01	2.67E-01
69	493801.76, 3860473.73	7.50122	2.65524	5.60E-01	7.61E-01	8.41E-01	1.98E-01	2.69E-01	2.98E-01
70	493801.76, 3860523.73	8.88996	2.90596	6.64E-01	9.02E-01	9.96E-01	2.17E-01	2.95E-01	3.26E-01
71	493801.76, 3860573.73	10.49198	3.29588	7.83E-01	1.06E+00	1.18E+00	2.46E-01	3.34E-01	3.69E-01
72	493801.76, 3860623.73	12.2267	3.80384	9.13E-01	1.24E+00	1.37E+00	2.84E-01	3.86E-01	4.26E-01
73	493851.76, 3860323.73	5.0123	1.82775	3.74E-01	5.08E-01	5.62E-01	1.36E-01	1.85E-01	2.05E-01
74	493851.76, 3860373.73	5.92232	2.00767	4.42E-01	6.01E-01	6.64E-01	1.50E-01	2.04E-01	2.25E-01
75	493851.76, 3860423.73	6.31246	2.14774	4.71E-01	6.40E-01	7.08E-01	1.60E-01	2.18E-01	2.41E-01
76	493851.76, 3860473.73	7.44328	2.63267	5.56E-01	7.55E-01	8.34E-01	1.97E-01	2.67E-01	2.95E-01
77	493851.76, 3860523.73	8.32076	2.87612	6.21E-01	8.44E-01	9.33E-01	2.15E-01	2.92E-01	3.22E-01
78	493851.76, 3860573.73	9.99703	3.30327	7.46E-01	1.01E+00	1.12E+00	2.47E-01	3.35E-01	3.70E-01
79	493851.76, 3860623.73	11.35513	3.58271	8.48E-01	1.15E+00	1.27E+00	2.67E-01	3.63E-01	4.02E-01
80	493901.76, 3860323.73	5.18068	1.80791	3.87E-01	5.26E-01	5.81E-01	1.35E-01	1.83E-01	2.03E-01
81	493901.76, 3860373.73	5.66739	1.90269	4.23E-01	5.75E-01	6.35E-01	1.42E-01	1.93E-01	2.13E-01
82	493901.76, 3860423.73	6.16701	2.09734	4.60E-01	6.26E-01	6.91E-01	1.57E-01	2.13E-01	2.35E-01
83	493901.76, 3860473.73	7.02314	2.34416	5.24E-01	7.12E-01	7.87E-01	1.75E-01	2.38E-01	2.63E-01
84	493901.76, 3860523.73	7.37842	2.4318	5.51E-01	7.48E-01	8.27E-01	1.82E-01	2.47E-01	2.73E-01
85	493901.76, 3860573.73	8.83274	2.95359	6.59E-01	8.96E-01	9.90E-01	2.20E-01	3.00E-01	3.31E-01
86	493901.76, 3860623.73	10.6305	3.47114	7.94E-01	1.08E+00	1.19E+00	2.59E-01	3.52E-01	3.89E-01
87	493951.76, 3860323.73	4.79004	1.70748	3.58E-01	4.86E-01	5.37E-01	1.27E-01	1.73E-01	1.91E-01
88	493951.76, 3860373.73	5.2594	1.82123	3.93E-01	5.34E-01	5.90E-01	1.36E-01	1.85E-01	2.04E-01
89	493951.76, 3860423.73	5.91484	1.94862	4.42E-01	6.00E-01	6.63E-01	1.45E-01	1.98E-01	2.18E-01
90	493951.76, 3860473.73	6.63562	2.12195	4.95E-01	6.73E-01	7.44E-01	1.58E-01	2.15E-01	2.38E-01
91	493951.76, 3860523.73	7.30127	2.45078	5.45E-01	7.41E-01	8.18E-01	1.83E-01	2.49E-01	2.75E-01
92	493951.76, 3860573.73	8.3155	2.98344	6.21E-01	8.44E-01	9.32E-01	2.23E-01	3.03E-01	3.34E-01
93	493951.76, 3860623.73	9.93356	3.39318	7.42E-01	1.01E+00	1.11E+00	2.53E-01	3.44E-01	3.80E-01
94	494001.76, 3860323.73	4.43827	1.62629	3.31E-01	4.50E-01	4.97E-01	1.21E-01	1.65E-01	1.82E-01
95	494001.76, 3860373.73	4.83489	1.73895	3.61E-01	4.90E-01	5.42E-01	1.30E-01	1.76E-01	1.95E-01
96	494001.76, 3860423.73	5.90087	1.91423	4.41E-01	5.99E-01	6.61E-01	1.43E-01	1.94E-01	2.15E-01
97	494001.76, 3860473.73	6.5858	2.1165	4.92E-01	6.68E-01	7.38E-01	1.58E-01	2.15E-01	2.37E-01
98	494001.76, 3860523.73	7.29661	2.51864	5.45E-01	7.40E-01	8.18E-01	1.88E-01	2.55E-01	2.82E-01
99	494001.76, 3860573.73	7.89382	2.87031	5.89E-01	8.01E-01	8.85E-01	2.14E-01	2.91E-01	3.22E-01
100	494001.76, 3860623.73	9.01118	3.19731	6.73E-01	9.14E-01	1.01E+00	2.39E-01	3.24E-01	3.58E-01
101	494001.76, 3860673.73	11.14396	3.92305	8.32E-01	1.13E+00	1.25E+00	2.93E-01	3.98E-01	4.40E-01
102	494051.76, 3860323.73	4.20304	1.56724	3.14E-01	4.26E-01	4.71E-01	1.17E-01	1.59E-01	1.76E-01
103	494051.76, 3860373.73	4.82298	1.69224	3.60E-01	4.89E-01	5.41E-01	1.26E-01	1.72E-01	1.90E-01
104	494051.76, 3860423.73	5.56144	1.81964	4.15E-01	5.64E-01	6.23E-01	1.36E-01	1.85E-01	2.04E-01
105	494051.76, 3860473.73	6.36352	2.04404	4.75E-01	6.46E-01	7.13E-01	1.53E-01	2.07E-01	2.29E-01
106	494169.47, 3860896.29	17.01479	6.94358	1.27E+00	1.73E+00	1.91E+00	5.18E-01	7.04E-01	7.78E-01
107	494169.47, 3860946.29	18.8774	8.0481	1.41E+00	1.91E+00	2.12E+00	6.01E-01	8.16E-01	9.02E-01
108	494169.47, 3860996.29	20.85817	9.23311	1.56E+00	2.12E+00	2.34E+00	6.89E-01	9.37E-01	1.03E+00
109	494169.47, 3861046.29	22.89874	10.51554	1.71E+00	2.32E+00	2.57E+00	7.85E-01	1.07E+00	1.18E+00
110	494407.04, 3860689.65	7.67371	3.00008	5.73E-01	7.78E-01	8.60E-01	2.24E-01	3.04E-01	3.36E-01
111	494407.04, 3860789.65	10.73984	4.56547	8.02E-01	1.09E+00	1.20E+00	3.41E-01	4.63E-01	5.12E-01
112	494407.04, 3860889.65	13.55578	6.3548	1.01E+00	1.38E+00	1.52E+00	4.74E-01	6.45E-01	7.12E-01
113	494407.04, 3860989.65	17.29636	8.46976	1.29E+00	1.75E+00	1.94E+00	6.32E-01	8.59E-01	9.49E-01
114	494407.04, 3861089.65	21.49607	10.89019	1.60E+00	2.18E+00	2.41E+00	8.13E-01	1.10E+00	1.22E+00
115	494507.04, 3860389.65	3.85175	1.41629	2.88E-01	3.91E-01	4.32E-01	1.06E-01	1.44E-01	1.59E-01
116	494507.04, 3860489.65	4.81295	1.78405	3.59E-01	4.88E-01	5.39E-01	1.33E-01	1.81E-01	2.00E-01
117	494507.04, 3860589.65	5.99113	2.16465	4.47E-01	6.08E-01	6.72E-01	1.62E-01	2.20E-01	2.43E-01
118	494507.04, 3860689.65	8.00698	3.07054	5.98E-01	8.12E-01	8.97E-01	2.29E-01	3.11E-01	3.44E-01
119	494507.04, 3860789.65	10.46963	4.44654	7.82E-01	1.06E+00	1.17E+00	3.32E-01	4.51E-01	4.98E-01
120	494507.04, 3860889.65	13.16273	6.12884	9.83E-01	1.34E+00	1.48E+00	4.58E-01	6.22E-01	6.87E-01
121	494507.04, 3860989.65	15.52685	8.13918	1.16E+00	1.58E+00	1.74E+00	6.08E-01	8.26E-01	9.12E-01
122	494507.04, 3861089.65	19.70327	10.52386	1.47E+00	2.00E+00	2.21E+00	7.86E-01	1.07E+00	1.18E+00
123	494507.04, 3861189.65	24.06587	12.81881	1.80E+00	2.44E+00	2.70E+00	9.57E-01	1.30E+00	1.44E+00
124	494607.04, 3860389.65	3.85	1.47544	2.87E-01	3.91E-01	4.32E-01	1.10E-01	1.50E-01	1.65E-01
125	494607.04, 3860489.65	4.72427	1.75457	3.53E-01	4.79E-01	5.30E-01	1.31E-01	1.78E-01	1.97E-01
126	494607.04, 3860589.65	5.8769	2.12698	4.39E-01	5.96E-01	6.59E-01	1.59E-01	2.16E-01	2.38E-01

127	494607.04, 3860689.65	7.46216	2.89385	5.57E-01	7.57E-01	8.36E-01	2.16E-01	2.94E-01	3.24E-01
128	494607.04, 3860789.65	11.10415	4.63115	8.29E-01	1.13E+00	1.24E+00	3.46E-01	4.70E-01	5.19E-01
129	494607.04, 3860889.65	13.1018	6.0369	9.78E-01	1.33E+00	1.47E+00	4.51E-01	6.12E-01	6.77E-01
130	494607.04, 3860989.65	15.09744	7.95045	1.13E+00	1.53E+00	1.69E+00	5.94E-01	8.07E-01	8.91E-01
131	494607.04, 3861089.65	18.25058	10.2547	1.36E+00	1.85E+00	2.05E+00	7.66E-01	1.04E+00	1.15E+00
132	494607.04, 3861189.65	22.86224	12.38464	1.71E+00	2.32E+00	2.56E+00	9.25E-01	1.26E+00	1.39E+00
133	494707.04, 3860389.65	4.04953	1.53078	3.02E-01	4.11E-01	4.54E-01	1.14E-01	1.55E-01	1.72E-01
134	494707.04, 3860489.65	4.70509	1.74059	3.51E-01	4.77E-01	5.27E-01	1.30E-01	1.77E-01	1.95E-01
135	494707.04, 3860589.65	6.11972	2.18437	4.57E-01	6.21E-01	6.86E-01	1.63E-01	2.22E-01	2.45E-01
136	494707.04, 3860689.65	7.61645	2.93575	5.69E-01	7.73E-01	8.54E-01	2.19E-01	2.98E-01	3.29E-01
137	494707.04, 3860789.65	10.53097	4.3057	7.86E-01	1.07E+00	1.18E+00	3.21E-01	4.37E-01	4.83E-01
138	494707.04, 3860889.65	13.00632	5.9533	9.71E-01	1.32E+00	1.46E+00	4.44E-01	6.04E-01	6.67E-01
139	494707.04, 3860989.65	15.11686	7.90707	1.13E+00	1.53E+00	1.69E+00	5.90E-01	8.02E-01	8.86E-01
140	494707.04, 3861089.65	17.2649	9.9335	1.29E+00	1.75E+00	1.94E+00	7.42E-01	1.01E+00	1.11E+00
141	494707.04, 3861189.65	21.56199	12.00484	1.61E+00	2.19E+00	2.42E+00	8.96E-01	1.22E+00	1.35E+00
142	494807.04, 3860389.65	4.10903	1.54199	3.07E-01	4.17E-01	4.61E-01	1.15E-01	1.56E-01	1.73E-01
143	494807.04, 3860489.65	4.55558	1.69927	3.40E-01	4.62E-01	5.11E-01	1.27E-01	1.72E-01	1.90E-01
144	494807.04, 3860589.65	6.0923	2.17571	4.55E-01	6.18E-01	6.83E-01	1.62E-01	2.21E-01	2.44E-01
145	494807.04, 3860689.65	8.09773	3.07562	6.05E-01	8.21E-01	9.08E-01	2.30E-01	3.12E-01	3.45E-01
146	494807.04, 3860789.65	10.95629	4.38308	8.18E-01	1.11E+00	1.23E+00	3.27E-01	4.45E-01	4.91E-01
147	494807.04, 3860889.65	13.01559	5.93526	9.72E-01	1.32E+00	1.46E+00	4.43E-01	6.02E-01	6.65E-01
148	494807.04, 3860989.65	14.8288	7.68655	1.11E+00	1.50E+00	1.66E+00	5.74E-01	7.80E-01	8.62E-01
149	494807.04, 3861089.65	16.84319	9.68128	1.26E+00	1.71E+00	1.89E+00	7.23E-01	9.82E-01	1.09E+00
150	494807.04, 3861189.65	19.67438	11.67991	1.47E+00	2.00E+00	2.21E+00	8.72E-01	1.18E+00	1.31E+00
151	494807.04, 3861289.65	24.73023	14.33308	1.85E+00	2.51E+00	2.77E+00	1.07E+00	1.45E+00	1.61E+00
152	494907.04, 3860389.65	4.48013	1.6346	3.34E-01	4.54E-01	5.02E-01	1.22E-01	1.66E-01	1.83E-01
153	494907.04, 3860489.65	4.88527	1.75697	3.65E-01	4.96E-01	5.48E-01	1.31E-01	1.78E-01	1.97E-01
154	494907.04, 3860589.65	6.15234	2.1947	4.59E-01	6.24E-01	6.90E-01	1.64E-01	2.23E-01	2.46E-01
155	494907.04, 3860689.65	7.8519	2.92276	5.86E-01	7.97E-01	8.80E-01	2.18E-01	2.96E-01	3.28E-01
156	494907.04, 3860789.65	9.06926	3.69469	6.77E-01	9.20E-01	1.02E+00	2.76E-01	3.75E-01	4.14E-01
157	494907.04, 3860889.65	11.48241	5.39681	8.57E-01	1.16E+00	1.29E+00	4.03E-01	5.47E-01	6.05E-01
158	494907.04, 3860989.65	14.15453	7.36118	1.06E+00	1.44E+00	1.59E+00	5.50E-01	7.47E-01	8.25E-01
159	494907.04, 3861089.65	16.35947	9.28971	1.22E+00	1.66E+00	1.83E+00	6.93E-01	9.42E-01	1.04E+00
160	494907.04, 3861189.65	18.9953	11.15121	1.42E+00	1.93E+00	2.13E+00	8.32E-01	1.13E+00	1.25E+00
161	494907.04, 3861289.65	21.81004	13.40358	1.63E+00	2.21E+00	2.44E+00	1.00E+00	1.36E+00	1.50E+00
162	495007.04, 3860489.65	4.63413	1.68531	3.46E-01	4.70E-01	5.19E-01	1.26E-01	1.71E-01	1.89E-01
163	495007.04, 3860589.65	5.44964	2.0102	4.07E-01	5.53E-01	6.11E-01	1.50E-01	2.04E-01	2.25E-01
164	495007.04, 3860689.65	6.84354	2.56899	5.11E-01	6.94E-01	7.67E-01	1.92E-01	2.61E-01	2.88E-01
165	495007.04, 3860789.65	9.27748	3.75665	6.93E-01	9.41E-01	1.04E+00	2.80E-01	3.81E-01	4.21E-01
166	495007.04, 3860889.65	11.41062	5.32202	8.52E-01	1.16E+00	1.28E+00	3.97E-01	5.40E-01	5.97E-01
167	495007.04, 3860989.65	13.88844	7.19973	1.04E+00	1.41E+00	1.56E+00	5.37E-01	7.30E-01	8.07E-01
168	495007.04, 3861089.65	16.06427	8.98889	1.20E+00	1.63E+00	1.80E+00	6.71E-01	9.12E-01	1.01E+00
169	495007.04, 3861189.65	18.5012	10.82402	1.38E+00	1.88E+00	2.07E+00	8.08E-01	1.10E+00	1.21E+00
170	495007.04, 3861289.65	21.15532	12.96337	1.58E+00	2.15E+00	2.37E+00	9.68E-01	1.32E+00	1.45E+00
171	495107.04, 3860489.65	4.44305	1.60976	3.32E-01	4.51E-01	4.98E-01	1.20E-01	1.63E-01	1.80E-01
172	495107.04, 3860589.65	5.85279	2.08604	4.37E-01	5.94E-01	6.56E-01	1.56E-01	2.12E-01	2.34E-01
173	495107.04, 3860689.65	7.63327	2.76905	5.70E-01	7.74E-01	8.56E-01	2.07E-01	2.81E-01	3.10E-01
174	495107.04, 3860789.65	9.30411	3.77368	6.95E-01	9.44E-01	1.04E+00	2.82E-01	3.83E-01	4.23E-01
175	495107.04, 3860889.65	11.3966	5.27124	8.51E-01	1.16E+00	1.28E+00	3.94E-01	5.35E-01	5.91E-01
176	495107.04, 3860989.65	13.23887	6.93902	9.88E-01	1.34E+00	1.48E+00	5.18E-01	7.04E-01	7.78E-01
177	495107.04, 3861089.65	15.76602	8.70696	1.18E+00	1.60E+00	1.77E+00	6.50E-01	8.83E-01	9.76E-01
178	495107.04, 3861189.65	18.11199	10.44908	1.35E+00	1.84E+00	2.03E+00	7.80E-01	1.06E+00	1.17E+00
179	495107.04, 3861289.65	20.6154	12.57223	1.54E+00	2.09E+00	2.31E+00	9.39E-01	1.28E+00	1.41E+00
180	495207.04, 3860489.65	4.44921	1.56164	3.32E-01	4.51E-01	4.99E-01	1.17E-01	1.58E-01	1.75E-01
181	495207.04, 3860589.65	5.82901	2.04297	4.35E-01	5.91E-01	6.53E-01	1.53E-01	2.07E-01	2.29E-01
182	495207.04, 3860689.65	7.64954	2.75715	5.71E-01	7.76E-01	8.57E-01	2.06E-01	2.80E-01	3.09E-01
183	495207.04, 3860789.65	9.2811	3.78471	6.93E-01	9.41E-01	1.04E+00	2.83E-01	3.84E-01	4.24E-01
184	495207.04, 3860889.65	10.86806	5.03227	8.11E-01	1.10E+00	1.22E+00	3.76E-01	5.10E-01	5.64E-01
185	495207.04, 3860989.65	12.10788	6.46225	9.04E-01	1.23E+00	1.36E+00	4.82E-01	6.56E-01	7.24E-01
186	495207.04, 3861089.65	15.34252	8.38291	1.15E+00	1.56E+00	1.72E+00	6.26E-01	8.50E-01	9.40E-01
187	495207.04, 3861189.65	17.75695	10.23166	1.33E+00	1.80E+00	1.99E+00	7.64E-01	1.04E+00	1.15E+00
188	495207.04, 3861289.65	19.84782	12.2639	1.48E+00	2.01E+00	2.22E+00	9.16E-01	1.24E+00	1.37E+00
189	495207.04, 3861389.65	22.14178	14.83902	1.65E+00	2.25E+00	2.48E+00	1.11E+00	1.51E+00	1.66E+00
190	495307.04, 3860489.65	4.44603	1.51544	3.32E-01	4.51E-01	4.98E-01	1.13E-01	1.54E-01	1.70E-01
191	495307.04, 3860589.65	5.63909	1.95575	4.21E-01	5.72E-01	6.32E-01	1.46E-01	1.98E-01	2.19E-01

192	495307.04, 3860689.65	7.29732	2.6524	5.45E-01	7.40E-01	8.18E-01	1.98E-01	2.69E-01	2.97E-01
193	495307.04, 3860789.65	8.60265	3.53846	6.42E-01	8.73E-01	9.64E-01	2.64E-01	3.59E-01	3.97E-01
194	495307.04, 3860889.65	10.00524	4.68749	7.47E-01	1.01E+00	1.12E+00	3.50E-01	4.76E-01	5.25E-01
195	495307.04, 3860989.65	12.26387	6.42167	9.16E-01	1.24E+00	1.37E+00	4.79E-01	6.51E-01	7.20E-01
196	495307.04, 3861089.65	14.9444	8.08961	1.12E+00	1.52E+00	1.68E+00	6.04E-01	8.21E-01	9.07E-01
197	495307.04, 3861189.65	17.4421	10.16195	1.30E+00	1.77E+00	1.96E+00	7.59E-01	1.03E+00	1.14E+00
198	495307.04, 3861289.65	19.00585	11.97037	1.42E+00	1.93E+00	2.13E+00	8.94E-01	1.21E+00	1.34E+00
199	495307.04, 3861389.65	21.39607	14.38431	1.60E+00	2.17E+00	2.40E+00	1.07E+00	1.46E+00	1.61E+00
200	495407.04, 3860489.65	4.43866	1.4842	3.31E-01	4.50E-01	4.98E-01	1.11E-01	1.51E-01	1.66E-01
201	495407.04, 3860589.65	5.62404	1.9274	4.20E-01	5.71E-01	6.30E-01	1.44E-01	1.96E-01	2.16E-01
202	495407.04, 3860689.65	6.61361	2.46879	4.94E-01	6.71E-01	7.41E-01	1.84E-01	2.50E-01	2.77E-01
203	495407.04, 3860789.65	7.98595	3.29956	5.96E-01	8.10E-01	8.95E-01	2.46E-01	3.35E-01	3.70E-01
204	495407.04, 3860889.65	9.8834	4.63495	7.38E-01	1.00E+00	1.11E+00	3.46E-01	4.70E-01	5.20E-01
205	495407.04, 3860989.65	12.28092	6.32384	9.17E-01	1.25E+00	1.38E+00	4.72E-01	6.42E-01	7.09E-01
206	495407.04, 3861089.65	14.99456	8.07499	1.12E+00	1.52E+00	1.68E+00	6.03E-01	8.19E-01	9.05E-01
207	495407.04, 3861189.65	17.04464	9.8874	1.27E+00	1.73E+00	1.91E+00	7.38E-01	1.00E+00	1.11E+00
208	495407.04, 3861289.65	18.87553	11.6161	1.41E+00	1.91E+00	2.12E+00	8.67E-01	1.18E+00	1.30E+00
209	495407.04, 3861389.65	20.54634	13.95987	1.53E+00	2.08E+00	2.30E+00	1.04E+00	1.42E+00	1.56E+00
210	495507.04, 3860589.65	4.87721	1.77775	3.64E-01	4.95E-01	5.47E-01	1.33E-01	1.80E-01	1.99E-01
211	495507.04, 3860689.65	5.9623	2.28947	4.45E-01	6.05E-01	6.68E-01	1.71E-01	2.32E-01	2.57E-01
212	495507.04, 3860789.65	7.30702	3.06221	5.45E-01	7.41E-01	8.19E-01	2.29E-01	3.11E-01	3.43E-01
213	495507.04, 3860889.65	8.99855	4.32103	6.72E-01	9.13E-01	1.01E+00	3.23E-01	4.38E-01	4.84E-01
214	495507.04, 3860989.65	12.47121	6.33471	9.31E-01	1.27E+00	1.40E+00	4.73E-01	6.43E-01	7.10E-01
215	495507.04, 3861089.65	14.88059	7.97547	1.11E+00	1.51E+00	1.67E+00	5.95E-01	8.09E-01	8.94E-01
216	495507.04, 3861189.65	16.73377	9.61257	1.25E+00	1.70E+00	1.88E+00	7.18E-01	9.75E-01	1.08E+00
217	495507.04, 3861289.65	18.58277	11.26942	1.39E+00	1.89E+00	2.08E+00	8.41E-01	1.14E+00	1.26E+00
218	495507.04, 3861389.65	20.56109	13.48795	1.53E+00	2.09E+00	2.30E+00	1.01E+00	1.37E+00	1.51E+00
219	495507.04, 3861489.65	22.74092	16.18874	1.70E+00	2.31E+00	2.55E+00	1.21E+00	1.64E+00	1.81E+00
220	495607.04, 3860589.65	4.38091	1.67348	3.27E-01	4.44E-01	4.91E-01	1.25E-01	1.70E-01	1.88E-01
221	495607.04, 3860689.65	5.59279	2.15575	4.18E-01	5.67E-01	6.27E-01	1.61E-01	2.19E-01	2.42E-01
222	495607.04, 3860789.65	6.84449	2.91233	5.11E-01	6.94E-01	7.67E-01	2.17E-01	2.95E-01	3.26E-01
223	495607.04, 3860889.65	8.86066	4.27613	6.61E-01	8.99E-01	9.93E-01	3.19E-01	4.34E-01	4.79E-01
224	495607.04, 3860989.65	12.32522	6.17673	9.20E-01	1.25E+00	1.38E+00	4.61E-01	6.27E-01	6.92E-01
225	495607.04, 3861089.65	14.89476	8.00673	1.11E+00	1.51E+00	1.67E+00	5.98E-01	8.12E-01	8.97E-01
226	495607.04, 3861189.65	16.36912	9.48605	1.22E+00	1.66E+00	1.83E+00	7.08E-01	9.62E-01	1.06E+00
227	495607.04, 3861289.65	18.10971	11.03486	1.35E+00	1.84E+00	2.03E+00	8.24E-01	1.12E+00	1.24E+00
228	495607.04, 3861389.65	19.82134	13.19347	1.48E+00	2.01E+00	2.22E+00	9.85E-01	1.34E+00	1.48E+00
229	495607.04, 3861489.65	22.20324	15.61928	1.66E+00	2.25E+00	2.49E+00	1.17E+00	1.58E+00	1.75E+00
230	495707.04, 3860589.65	4.28656	1.29329	3.20E-01	4.35E-01	4.80E-01	9.65E-02	1.31E-01	1.45E-01
231	495707.04, 3860689.65	4.35448	1.82557	3.25E-01	4.42E-01	4.88E-01	1.36E-01	1.85E-01	2.05E-01
232	495707.04, 3860789.65	5.61311	2.51325	4.19E-01	5.69E-01	6.29E-01	1.88E-01	2.55E-01	2.82E-01
233	495707.04, 3860889.65	9.66322	4.57255	7.21E-01	9.80E-01	1.08E+00	3.41E-01	4.64E-01	5.13E-01
234	495707.04, 3860989.65	12.48046	6.20053	9.32E-01	1.27E+00	1.40E+00	4.63E-01	6.29E-01	6.95E-01
235	495707.04, 3861089.65	14.70422	7.89875	1.10E+00	1.49E+00	1.65E+00	5.90E-01	8.01E-01	8.85E-01
236	495707.04, 3861189.65	16.11354	9.29634	1.20E+00	1.63E+00	1.81E+00	6.94E-01	9.43E-01	1.04E+00
237	495707.04, 3861289.65	17.1892	10.89481	1.28E+00	1.74E+00	1.93E+00	8.13E-01	1.11E+00	1.22E+00
238	495707.04, 3861389.65	18.98709	12.89491	1.42E+00	1.93E+00	2.13E+00	9.63E-01	1.31E+00	1.45E+00
239	495707.04, 3861489.65	22.07309	15.39212	1.65E+00	2.24E+00	2.47E+00	1.15E+00	1.56E+00	1.73E+00
240	495807.04, 3860589.65	3.33434	1.11484	2.49E-01	3.38E-01	3.74E-01	8.32E-02	1.13E-01	1.25E-01
241	495807.04, 3860689.65	4.32521	1.58091	3.23E-01	4.39E-01	4.85E-01	1.18E-01	1.60E-01	1.77E-01
242	495807.04, 3860789.65	6.41358	2.77931	4.79E-01	6.51E-01	7.19E-01	2.07E-01	2.82E-01	3.12E-01
243	495807.04, 3860889.65	9.89656	4.61955	7.39E-01	1.00E+00	1.11E+00	3.45E-01	4.69E-01	5.18E-01
244	495807.04, 3860989.65	12.14064	5.95631	9.06E-01	1.23E+00	1.36E+00	4.45E-01	6.04E-01	6.68E-01
245	495807.04, 3861089.65	14.47426	7.75452	1.08E+00	1.47E+00	1.62E+00	5.79E-01	7.87E-01	8.69E-01
246	495807.04, 3861189.65	15.57512	9.12603	1.16E+00	1.58E+00	1.75E+00	6.81E-01	9.26E-01	1.02E+00
247	495807.04, 3861289.65	16.86781	10.70385	1.26E+00	1.71E+00	1.89E+00	7.99E-01	1.09E+00	1.20E+00
248	495807.04, 3861389.65	18.31388	12.57241	1.37E+00	1.86E+00	2.05E+00	9.39E-01	1.28E+00	1.41E+00
249	495807.04, 3861489.65	21.51739	14.97663	1.61E+00	2.18E+00	2.41E+00	1.12E+00	1.52E+00	1.68E+00
250	495907.04, 3860689.65	3.5696	1.16924	2.66E-01	3.62E-01	4.00E-01	8.73E-02	1.19E-01	1.31E-01
251	495907.04, 3860789.65	5.11707	2.24586	3.82E-01	5.19E-01	5.74E-01	1.68E-01	2.28E-01	2.52E-01
252	495907.04, 3860889.65	9.64597	4.4272	7.20E-01	9.79E-01	1.08E+00	3.30E-01	4.49E-01	4.96E-01
253	495907.04, 3860989.65	11.8732	5.76979	8.86E-01	1.20E+00	1.33E+00	4.31E-01	5.85E-01	6.47E-01
254	495907.04, 3861089.65	14.05901	7.47171	1.05E+00	1.43E+00	1.58E+00	5.58E-01	7.58E-01	8.37E-01
255	495907.04, 3861189.65	15.57907	8.91262	1.16E+00	1.58E+00	1.75E+00	6.65E-01	9.04E-01	9.99E-01
256	495907.04, 3861289.65	16.6367	10.42852	1.24E+00	1.69E+00	1.86E+00	7.79E-01	1.06E+00	1.17E+00

257	495907.04, 3861389.65	18.05943	12.25632	1.35E+00	1.83E+00	2.02E+00	9.15E-01	1.24E+00	1.37E+00
258	495907.04, 3861489.65	20.82413	14.5001	1.55E+00	2.11E+00	2.33E+00	1.08E+00	1.47E+00	1.63E+00
259	495907.04, 3861589.65	24.15755	16.78643	1.80E+00	2.45E+00	2.71E+00	1.25E+00	1.70E+00	1.88E+00
260	496007.04, 3860689.65	4.34743	1.78808	3.25E-01	4.41E-01	4.87E-01	1.33E-01	1.81E-01	2.00E-01
261	496007.04, 3860789.65	6.03022	2.62368	4.50E-01	6.12E-01	6.76E-01	1.96E-01	2.66E-01	2.94E-01
262	496007.04, 3860889.65	10.02656	4.54866	7.49E-01	1.02E+00	1.12E+00	3.40E-01	4.61E-01	5.10E-01
263	496007.04, 3860989.65	11.62175	5.61246	8.68E-01	1.18E+00	1.30E+00	4.19E-01	5.69E-01	6.29E-01
264	496007.04, 3861089.65	13.73272	7.20342	1.03E+00	1.39E+00	1.54E+00	5.38E-01	7.31E-01	8.07E-01
265	496007.04, 3861189.65	15.21636	8.71772	1.14E+00	1.54E+00	1.71E+00	6.51E-01	8.84E-01	9.77E-01
266	496007.04, 3861289.65	16.80401	10.09373	1.25E+00	1.70E+00	1.88E+00	7.54E-01	1.02E+00	1.13E+00
267	496007.04, 3861389.65	18.18057	11.89468	1.36E+00	1.84E+00	2.04E+00	8.88E-01	1.21E+00	1.33E+00
268	496007.04, 3861489.65	19.95561	13.95033	1.49E+00	2.02E+00	2.24E+00	1.04E+00	1.42E+00	1.56E+00
269	496007.04, 3861589.65	23.24821	16.23386	1.74E+00	2.36E+00	2.61E+00	1.21E+00	1.65E+00	1.82E+00
270	496107.04, 3860689.65	4.33381	1.62833	3.24E-01	4.40E-01	4.86E-01	1.22E-01	1.65E-01	1.83E-01
271	496107.04, 3860789.65	5.97718	2.56541	4.46E-01	6.06E-01	6.70E-01	1.92E-01	2.60E-01	2.88E-01
272	496107.04, 3860889.65	9.46834	4.22689	7.07E-01	9.60E-01	1.06E+00	3.16E-01	4.29E-01	4.74E-01
273	496107.04, 3860989.65	10.80602	5.07158	8.07E-01	1.10E+00	1.21E+00	3.79E-01	5.14E-01	5.68E-01
274	496107.04, 3861089.65	13.36919	6.86619	9.98E-01	1.36E+00	1.50E+00	5.13E-01	6.97E-01	7.70E-01
275	496107.04, 3861189.65	14.92531	8.33955	1.11E+00	1.51E+00	1.67E+00	6.23E-01	8.46E-01	9.35E-01
276	496107.04, 3861289.65	16.51954	9.83056	1.23E+00	1.68E+00	1.85E+00	7.34E-01	9.97E-01	1.10E+00
277	496107.04, 3861389.65	18.1569	11.47751	1.36E+00	1.84E+00	2.04E+00	8.57E-01	1.16E+00	1.29E+00
278	496107.04, 3861489.65	19.67351	13.42498	1.47E+00	2.00E+00	2.21E+00	1.00E+00	1.36E+00	1.50E+00
279	496107.04, 3861589.65	22.44114	15.67899	1.68E+00	2.28E+00	2.52E+00	1.17E+00	1.59E+00	1.76E+00
280	496207.04, 3860689.65	4.33574	1.6315	3.24E-01	4.40E-01	4.86E-01	1.22E-01	1.66E-01	1.83E-01
281	496207.04, 3860789.65	5.07042	2.06791	3.79E-01	5.14E-01	5.68E-01	1.54E-01	2.10E-01	2.32E-01
282	496207.04, 3860889.65	7.70995	3.34545	5.76E-01	7.82E-01	8.64E-01	2.50E-01	3.39E-01	3.75E-01
283	496207.04, 3860989.65	10.71637	4.96134	8.00E-01	1.09E+00	1.20E+00	3.70E-01	5.03E-01	5.56E-01
284	496207.04, 3861089.65	12.57656	6.26269	9.39E-01	1.28E+00	1.41E+00	4.68E-01	6.35E-01	7.02E-01
285	496207.04, 3861189.65	14.18916	7.7428	1.06E+00	1.44E+00	1.59E+00	5.78E-01	7.85E-01	8.68E-01
286	496207.04, 3861289.65	15.89075	9.43394	1.19E+00	1.61E+00	1.78E+00	7.04E-01	9.57E-01	1.06E+00
287	496207.04, 3861389.65	18.01954	11.06155	1.35E+00	1.83E+00	2.02E+00	8.26E-01	1.12E+00	1.24E+00
288	496207.04, 3861489.65	19.57638	12.97666	1.46E+00	1.99E+00	2.19E+00	9.69E-01	1.32E+00	1.45E+00
289	496207.04, 3861589.65	21.65435	15.14621	1.62E+00	2.20E+00	2.43E+00	1.13E+00	1.54E+00	1.70E+00
290	496207.04, 3861689.65	25.59218	17.44921	1.91E+00	2.60E+00	2.87E+00	1.30E+00	1.77E+00	1.96E+00
291	496307.04, 3860689.65	3.75028	1.2542	2.80E-01	3.80E-01	4.20E-01	9.36E-02	1.27E-01	1.41E-01
292	496307.04, 3860789.65	5.07861	1.42202	3.79E-01	5.15E-01	5.69E-01	1.06E-01	1.44E-01	1.59E-01
293	496307.04, 3860889.65	6.42504	2.71839	4.80E-01	6.52E-01	7.20E-01	2.03E-01	2.76E-01	3.05E-01
294	496307.04, 3860989.65	8.95288	3.94379	6.68E-01	9.08E-01	1.00E+00	2.94E-01	4.00E-01	4.42E-01
295	496307.04, 3861089.65	11.36044	5.49611	8.48E-01	1.15E+00	1.27E+00	4.10E-01	5.58E-01	6.16E-01
296	496307.04, 3861189.65	13.22689	7.0099	9.87E-01	1.34E+00	1.48E+00	5.23E-01	7.11E-01	7.86E-01
297	496307.04, 3861289.65	15.38168	8.94757	1.15E+00	1.56E+00	1.72E+00	6.68E-01	9.08E-01	1.00E+00
298	496307.04, 3861389.65	17.51616	10.80027	1.31E+00	1.78E+00	1.96E+00	8.06E-01	1.10E+00	1.21E+00
299	496307.04, 3861489.65	19.23075	12.61043	1.44E+00	1.95E+00	2.16E+00	9.41E-01	1.28E+00	1.41E+00
300	496307.04, 3861589.65	20.63269	14.50065	1.54E+00	2.09E+00	2.31E+00	1.08E+00	1.47E+00	1.63E+00
301	496307.04, 3861689.65	24.48211	16.80762	1.83E+00	2.48E+00	2.74E+00	1.25E+00	1.71E+00	1.88E+00
302	496407.04, 3860789.65	5.15361	1.6261	3.85E-01	5.23E-01	5.78E-01	1.21E-01	1.65E-01	1.82E-01
303	496407.04, 3860889.65	6.44811	2.51878	4.81E-01	6.54E-01	7.23E-01	1.88E-01	2.56E-01	2.82E-01
304	496407.04, 3860989.65	8.20933	3.60829	6.13E-01	8.33E-01	9.20E-01	2.69E-01	3.66E-01	4.04E-01
305	496407.04, 3861089.65	10.34406	4.88867	7.72E-01	1.05E+00	1.16E+00	3.65E-01	4.96E-01	5.48E-01
306	496407.04, 3861189.65	12.69902	6.55474	9.48E-01	1.29E+00	1.42E+00	4.89E-01	6.65E-01	7.35E-01
307	496407.04, 3861289.65	15.01752	8.67884	1.12E+00	1.52E+00	1.68E+00	6.48E-01	8.80E-01	9.73E-01
308	496407.04, 3861389.65	17.11449	10.52081	1.28E+00	1.74E+00	1.92E+00	7.85E-01	1.07E+00	1.18E+00
309	496407.04, 3861489.65	19.04496	12.17938	1.42E+00	1.93E+00	2.13E+00	9.09E-01	1.24E+00	1.37E+00
310	496407.04, 3861589.65	20.81073	14.08756	1.55E+00	2.11E+00	2.33E+00	1.05E+00	1.43E+00	1.58E+00
311	496407.04, 3861689.65	23.33847	16.13953	1.74E+00	2.37E+00	2.62E+00	1.20E+00	1.64E+00	1.81E+00
312	496507.04, 3860789.65	5.1867	1.48738	3.87E-01	5.26E-01	5.81E-01	1.11E-01	1.51E-01	1.67E-01
313	496507.04, 3860889.65	6.48175	2.0673	4.84E-01	6.58E-01	7.27E-01	1.54E-01	2.10E-01	2.32E-01
314	496507.04, 3860989.65	7.79331	2.80216	5.82E-01	7.91E-01	8.74E-01	2.09E-01	2.84E-01	3.14E-01
315	496507.04, 3861089.65	9.26647	4.14734	6.92E-01	9.40E-01	1.04E+00	3.10E-01	4.21E-01	4.65E-01
316	496507.04, 3861189.65	12.49554	6.42446	9.33E-01	1.27E+00	1.40E+00	4.80E-01	6.52E-01	7.20E-01
317	496507.04, 3861289.65	14.36558	8.16215	1.07E+00	1.46E+00	1.61E+00	6.09E-01	8.28E-01	9.15E-01
318	496507.04, 3861389.65	16.55812	10.09803	1.24E+00	1.68E+00	1.86E+00	7.54E-01	1.02E+00	1.13E+00
319	496507.04, 3861489.65	18.75858	11.77878	1.40E+00	1.90E+00	2.10E+00	8.79E-01	1.19E+00	1.32E+00
320	496507.04, 3861589.65	20.88406	13.62705	1.56E+00	2.12E+00	2.34E+00	1.02E+00	1.38E+00	1.53E+00
321	496507.04, 3861689.65	23.71762	15.68398	1.77E+00	2.41E+00	2.66E+00	1.17E+00	1.59E+00	1.76E+00

322	496607.04, 3860789.65	5.15958	1.34127	3.85E-01	5.23E-01	5.78E-01	1.00E-01	1.36E-01	1.50E-01
323	496607.04, 3860889.65	6.49342	1.5855	4.85E-01	6.59E-01	7.28E-01	1.18E-01	1.61E-01	1.78E-01
324	496607.04, 3860989.65	7.80404	1.97697	5.83E-01	7.92E-01	8.75E-01	1.48E-01	2.01E-01	2.22E-01
325	496607.04, 3861089.65	9.15225	3.31929	6.83E-01	9.28E-01	1.03E+00	2.48E-01	3.37E-01	3.72E-01
326	496607.04, 3861189.65	11.35176	5.54181	8.47E-01	1.15E+00	1.27E+00	4.14E-01	5.62E-01	6.21E-01
327	496607.04, 3861289.65	13.36893	7.28814	9.98E-01	1.36E+00	1.50E+00	5.44E-01	7.39E-01	8.17E-01
328	496607.04, 3861389.65	15.90812	9.27213	1.19E+00	1.61E+00	1.78E+00	6.92E-01	9.41E-01	1.04E+00
329	496607.04, 3861489.65	18.1689	11.1283	1.36E+00	1.84E+00	2.04E+00	8.31E-01	1.13E+00	1.25E+00
330	496607.04, 3861589.65	20.78646	13.01757	1.55E+00	2.11E+00	2.33E+00	9.72E-01	1.32E+00	1.46E+00
331	496607.04, 3861689.65	23.36481	15.00136	1.74E+00	2.37E+00	2.62E+00	1.12E+00	1.52E+00	1.68E+00
332	496607.04, 3861789.65	27.62947	15.83792	2.06E+00	2.80E+00	3.10E+00	1.18E+00	1.61E+00	1.78E+00
333	496707.04, 3860789.65	3.85377	1.07169	2.88E-01	3.91E-01	4.32E-01	8.00E-02	1.09E-01	1.20E-01
334	496707.04, 3860889.65	3.86137	1.11842	2.88E-01	3.92E-01	4.33E-01	8.35E-02	1.13E-01	1.25E-01
335	496707.04, 3860989.65	7.78301	1.75246	5.81E-01	7.90E-01	8.72E-01	1.31E-01	1.78E-01	1.96E-01
336	496707.04, 3861089.65	9.16457	2.72917	6.84E-01	9.30E-01	1.03E+00	2.04E-01	2.77E-01	3.06E-01
337	496707.04, 3861189.65	10.4154	4.39629	7.78E-01	1.06E+00	1.17E+00	3.28E-01	4.46E-01	4.93E-01
338	496707.04, 3861289.65	12.1182	6.27898	9.05E-01	1.23E+00	1.36E+00	4.69E-01	6.37E-01	7.04E-01
339	496707.04, 3861389.65	14.81672	8.29351	1.11E+00	1.50E+00	1.66E+00	6.19E-01	8.41E-01	9.30E-01
340	496707.04, 3861489.65	16.93002	10.04705	1.26E+00	1.72E+00	1.90E+00	7.50E-01	1.02E+00	1.13E+00
341	496707.04, 3861589.65	19.55021	12.08017	1.46E+00	1.98E+00	2.19E+00	9.02E-01	1.23E+00	1.35E+00
342	496707.04, 3861689.65	22.18609	13.60168	1.66E+00	2.25E+00	2.49E+00	1.02E+00	1.38E+00	1.52E+00
343	496707.04, 3861789.65	23.18883	9.74671	1.73E+00	2.35E+00	2.60E+00	7.28E-01	9.89E-01	1.09E+00
344	496807.04, 3860789.65	3.70172	0.91585	2.76E-01	3.76E-01	4.15E-01	6.84E-02	9.29E-02	1.03E-01
345	496807.04, 3860889.65	3.76159	1.07641	2.81E-01	3.82E-01	4.22E-01	8.04E-02	1.09E-01	1.21E-01
346	496807.04, 3860989.65	7.72016	1.63391	5.76E-01	7.83E-01	8.65E-01	1.22E-01	1.66E-01	1.83E-01
347	496807.04, 3861089.65	9.17977	2.33291	6.85E-01	9.31E-01	1.03E+00	1.74E-01	2.37E-01	2.61E-01
348	496807.04, 3861189.65	10.40698	3.89412	7.77E-01	1.06E+00	1.17E+00	2.91E-01	3.95E-01	4.36E-01
349	496807.04, 3861289.65	11.42025	5.36749	8.53E-01	1.16E+00	1.28E+00	4.01E-01	5.44E-01	6.02E-01
350	496807.04, 3861389.65	13.18642	7.07922	9.84E-01	1.34E+00	1.48E+00	5.28E-01	7.18E-01	7.94E-01
351	496807.04, 3861489.65	15.86372	9.15591	1.18E+00	1.61E+00	1.78E+00	6.84E-01	9.29E-01	1.03E+00
352	496807.04, 3861589.65	18.36583	10.91453	1.37E+00	1.86E+00	2.06E+00	8.15E-01	1.11E+00	1.22E+00
353	496807.04, 3861689.65	20.47936	11.24853	1.53E+00	2.08E+00	2.30E+00	8.40E-01	1.14E+00	1.26E+00
354	496807.04, 3861789.65	17.79552	6.07914	1.33E+00	1.81E+00	1.99E+00	4.54E-01	6.17E-01	6.81E-01
355	496907.04, 3860889.65	6.2629	1.30648	4.68E-01	6.35E-01	7.02E-01	9.75E-02	1.33E-01	1.46E-01
356	496907.04, 3860989.65	7.82118	1.71479	5.84E-01	7.93E-01	8.77E-01	1.28E-01	1.74E-01	1.92E-01
357	496907.04, 3861089.65	9.20468	2.2937	6.87E-01	9.34E-01	1.03E+00	1.71E-01	2.33E-01	2.57E-01
358	496907.04, 3861189.65	10.38899	3.10678	7.76E-01	1.05E+00	1.16E+00	2.32E-01	3.15E-01	3.48E-01
359	496907.04, 3861289.65	11.36588	4.05724	8.48E-01	1.15E+00	1.27E+00	3.03E-01	4.12E-01	4.55E-01
360	496907.04, 3861389.65	12.11528	6.18245	9.04E-01	1.23E+00	1.36E+00	4.62E-01	6.27E-01	6.93E-01
361	496907.04, 3861489.65	14.60983	8.07202	1.09E+00	1.48E+00	1.64E+00	6.03E-01	8.19E-01	9.05E-01
362	496907.04, 3861589.65	16.65038	9.48776	1.24E+00	1.69E+00	1.87E+00	7.08E-01	9.62E-01	1.06E+00
363	496907.04, 3861689.65	18.38343	8.88455	1.37E+00	1.86E+00	2.06E+00	6.63E-01	9.01E-01	9.96E-01
364	496907.04, 3861789.65	19.59318	7.17599	1.46E+00	1.99E+00	2.20E+00	5.36E-01	7.28E-01	8.04E-01
365	496907.04, 3861889.65	13.13129	3.92152	9.80E-01	1.33E+00	1.47E+00	2.93E-01	3.98E-01	4.40E-01
366	497007.04, 3860889.65	3.97226	1.10586	2.97E-01	4.03E-01	4.45E-01	8.26E-02	1.12E-01	1.24E-01
367	497007.04, 3860989.65	5.92038	1.29307	4.42E-01	6.01E-01	6.64E-01	9.65E-02	1.31E-01	1.45E-01
368	497007.04, 3861089.65	6.42834	1.45896	4.80E-01	6.52E-01	7.21E-01	1.09E-01	1.48E-01	1.64E-01
369	497007.04, 3861189.65	9.5527	2.10321	7.13E-01	9.69E-01	1.07E+00	1.57E-01	2.13E-01	2.36E-01
370	497007.04, 3861289.65	11.32807	3.31483	8.46E-01	1.15E+00	1.27E+00	2.47E-01	3.36E-01	3.72E-01
371	497007.04, 3861389.65	12.06654	5.52582	9.01E-01	1.22E+00	1.35E+00	4.13E-01	5.61E-01	6.19E-01
372	497007.04, 3861489.65	12.53429	6.41144	9.36E-01	1.27E+00	1.40E+00	4.79E-01	6.50E-01	7.19E-01
373	497007.04, 3861589.65	14.24029	7.81214	1.06E+00	1.44E+00	1.60E+00	5.83E-01	7.92E-01	8.76E-01
374	497007.04, 3861689.65	16.78167	7.34558	1.25E+00	1.70E+00	1.88E+00	5.48E-01	7.45E-01	8.23E-01
375	497007.04, 3861789.65	15.33894	5.20917	1.15E+00	1.56E+00	1.72E+00	3.89E-01	5.28E-01	5.84E-01
376	497007.04, 3861889.65	12.92976	3.63423	9.65E-01	1.31E+00	1.45E+00	2.71E-01	3.69E-01	4.07E-01
377	497107.04, 3860889.65	3.73834	1.01482	2.79E-01	3.79E-01	4.19E-01	7.58E-02	1.03E-01	1.14E-01
378	497107.04, 3860989.65	4.38813	1.16488	3.28E-01	4.45E-01	4.92E-01	8.70E-02	1.18E-01	1.31E-01
379	497107.04, 3861089.65	8.53032	1.78461	6.37E-01	8.65E-01	9.56E-01	1.33E-01	1.81E-01	2.00E-01
380	497107.04, 3861189.65	10.27766	2.36652	7.67E-01	1.04E+00	1.15E+00	1.77E-01	2.40E-01	2.65E-01
381	497107.04, 3861289.65	11.29829	2.91734	8.43E-01	1.15E+00	1.27E+00	2.18E-01	2.96E-01	3.27E-01
382	497107.04, 3861389.65	11.96541	3.42458	8.93E-01	1.21E+00	1.34E+00	2.56E-01	3.47E-01	3.84E-01
383	497107.04, 3861489.65	12.46155	5.17656	9.30E-01	1.26E+00	1.40E+00	3.86E-01	5.25E-01	5.80E-01
384	497107.04, 3861589.65	12.74789	5.51247	9.52E-01	1.29E+00	1.43E+00	4.12E-01	5.59E-01	6.18E-01
385	497107.04, 3861689.65	16.33481	7.33427	1.22E+00	1.66E+00	1.83E+00	5.48E-01	7.44E-01	8.22E-01
386	497107.04, 3861789.65	18.50879	6.91859	1.38E+00	1.88E+00	2.07E+00	5.16E-01	7.02E-01	7.76E-01

387	497107.04, 3861889.65	13.08605	4.19059	9.77E-01	1.33E+00	1.47E+00	3.13E-01	4.25E-01	4.70E-01
388	497207.04, 3860889.65	4.0665	1.11578	3.04E-01	4.13E-01	4.56E-01	8.33E-02	1.13E-01	1.25E-01
389	497207.04, 3860989.65	7.66428	1.56669	5.72E-01	7.77E-01	8.59E-01	1.17E-01	1.59E-01	1.76E-01
390	497207.04, 3861089.65	9.17826	2.00126	6.85E-01	9.31E-01	1.03E+00	1.49E-01	2.03E-01	2.24E-01
391	497207.04, 3861189.65	10.33812	2.38253	7.72E-01	1.05E+00	1.16E+00	1.78E-01	2.42E-01	2.67E-01
392	497207.04, 3861289.65	11.28373	2.91088	8.42E-01	1.14E+00	1.26E+00	2.17E-01	2.95E-01	3.26E-01
393	497207.04, 3861389.65	11.95774	3.89353	8.93E-01	1.21E+00	1.34E+00	2.91E-01	3.95E-01	4.36E-01
394	497207.04, 3861489.65	12.43216	5.25671	9.28E-01	1.26E+00	1.39E+00	3.92E-01	5.33E-01	5.89E-01
395	497207.04, 3861589.65	12.68943	4.82773	9.47E-01	1.29E+00	1.42E+00	3.60E-01	4.90E-01	5.41E-01
396	497207.04, 3861689.65	15.53405	6.79089	1.16E+00	1.58E+00	1.74E+00	5.07E-01	6.89E-01	7.61E-01
397	497207.04, 3861789.65	20.22411	9.48274	1.51E+00	2.05E+00	2.27E+00	7.08E-01	9.62E-01	1.06E+00
398	497207.04, 3861889.65	19.63545	6.75788	1.47E+00	1.99E+00	2.20E+00	5.04E-01	6.86E-01	7.57E-01
399	497307.04, 3860889.65	4.92916	1.21151	3.68E-01	5.00E-01	5.53E-01	9.04E-02	1.23E-01	1.36E-01
400	497307.04, 3860989.65	7.80383	1.60513	5.83E-01	7.92E-01	8.75E-01	1.20E-01	1.63E-01	1.80E-01
401	497307.04, 3861089.65	9.24726	2.08199	6.90E-01	9.38E-01	1.04E+00	1.55E-01	2.11E-01	2.33E-01
402	497307.04, 3861189.65	10.38627	2.82611	7.75E-01	1.05E+00	1.16E+00	2.11E-01	2.87E-01	3.17E-01
403	497307.04, 3861289.65	11.29858	3.91519	8.43E-01	1.15E+00	1.27E+00	2.92E-01	3.97E-01	4.39E-01
404	497307.04, 3861389.65	11.97902	5.33608	8.94E-01	1.22E+00	1.34E+00	3.98E-01	5.41E-01	5.98E-01
405	497307.04, 3861489.65	12.61002	6.79979	9.41E-01	1.28E+00	1.41E+00	5.08E-01	6.90E-01	7.62E-01
406	497307.04, 3861589.65	14.32943	7.95484	1.07E+00	1.45E+00	1.61E+00	5.94E-01	8.07E-01	8.92E-01
407	497307.04, 3861689.65	17.13581	9.88226	1.28E+00	1.74E+00	1.92E+00	7.38E-01	1.00E+00	1.11E+00
408	497307.04, 3861789.65	21.2594	11.93041	1.59E+00	2.16E+00	2.38E+00	8.91E-01	1.21E+00	1.34E+00
409	497307.04, 3861889.65	22.51423	9.35185	1.68E+00	2.28E+00	2.52E+00	6.98E-01	9.49E-01	1.05E+00
410	497307.04, 3861989.65	21.82325	8.10388	1.63E+00	2.21E+00	2.45E+00	6.05E-01	8.22E-01	9.08E-01
411	497307.04, 3862089.65	13.22327	4.75147	9.87E-01	1.34E+00	1.48E+00	3.55E-01	4.82E-01	5.33E-01
412	497407.04, 3860989.65	7.9445	1.69627	5.93E-01	8.06E-01	8.90E-01	1.27E-01	1.72E-01	1.90E-01
413	497407.04, 3861089.65	9.28892	2.14122	6.93E-01	9.42E-01	1.04E+00	1.60E-01	2.17E-01	2.40E-01
414	497407.04, 3861189.65	10.39087	2.93339	7.76E-01	1.05E+00	1.16E+00	2.19E-01	2.98E-01	3.29E-01
415	497407.04, 3861289.65	11.27686	3.92514	8.42E-01	1.14E+00	1.26E+00	2.93E-01	3.98E-01	4.40E-01
416	497407.04, 3861389.65	11.95699	5.672	8.93E-01	1.21E+00	1.34E+00	4.23E-01	5.75E-01	6.36E-01
417	497407.04, 3861489.65	12.69652	6.91172	9.48E-01	1.29E+00	1.42E+00	5.16E-01	7.01E-01	7.75E-01
418	497407.04, 3861589.65	14.82485	8.41319	1.11E+00	1.50E+00	1.66E+00	6.28E-01	8.53E-01	9.43E-01
419	497407.04, 3861689.65	17.38661	10.26184	1.30E+00	1.76E+00	1.95E+00	7.66E-01	1.04E+00	1.15E+00
420	497407.04, 3861789.65	20.45162	12.59823	1.53E+00	2.07E+00	2.29E+00	9.40E-01	1.28E+00	1.41E+00
421	497407.04, 3861889.65	24.67603	13.36764	1.84E+00	2.50E+00	2.77E+00	9.98E-01	1.36E+00	1.50E+00
422	497407.04, 3861989.65	28.88842	14.83421	2.16E+00	2.93E+00	3.24E+00	1.11E+00	1.50E+00	1.66E+00
423	497407.04, 3862089.65	23.16894	9.25125	1.73E+00	2.35E+00	2.60E+00	6.91E-01	9.38E-01	1.04E+00
424	497407.04, 3862189.65	39.72076	23.12512	2.97E+00	4.03E+00	4.45E+00	1.73E+00	2.35E+00	2.59E+00
425	497507.04, 3860989.65	7.98096	1.70344	5.96E-01	8.10E-01	8.95E-01	1.27E-01	1.73E-01	1.91E-01
426	497507.04, 3861089.65	9.30421	2.12603	6.95E-01	9.44E-01	1.04E+00	1.59E-01	2.16E-01	2.38E-01
427	497507.04, 3861189.65	10.38974	2.87286	7.76E-01	1.05E+00	1.16E+00	2.14E-01	2.91E-01	3.22E-01
428	497507.04, 3861289.65	11.24686	3.3766	8.40E-01	1.14E+00	1.26E+00	2.52E-01	3.43E-01	3.78E-01
429	497507.04, 3861389.65	11.91505	5.18035	8.89E-01	1.21E+00	1.34E+00	3.87E-01	5.26E-01	5.81E-01
430	497507.04, 3861489.65	12.4074	6.73964	9.26E-01	1.26E+00	1.39E+00	5.03E-01	6.84E-01	7.55E-01
431	497507.04, 3861589.65	14.84581	8.49271	1.11E+00	1.51E+00	1.66E+00	6.34E-01	8.62E-01	9.52E-01
432	497507.04, 3861689.65	17.36026	10.3359	1.30E+00	1.76E+00	1.95E+00	7.72E-01	1.05E+00	1.16E+00
433	497507.04, 3861789.65	20.21011	12.52258	1.51E+00	2.05E+00	2.27E+00	9.35E-01	1.27E+00	1.40E+00
434	497507.04, 3861889.65	23.05012	14.52424	1.72E+00	2.34E+00	2.58E+00	1.08E+00	1.47E+00	1.63E+00
435	497507.04, 3861989.65	26.92242	16.65222	2.01E+00	2.73E+00	3.02E+00	1.24E+00	1.69E+00	1.87E+00
436	497507.04, 3862089.65	30.47606	18.63055	2.28E+00	3.09E+00	3.42E+00	1.39E+00	1.89E+00	2.09E+00
437	497607.04, 3860989.65	5.57401	1.23053	4.16E-01	5.65E-01	6.25E-01	9.19E-02	1.25E-01	1.38E-01
438	497607.04, 3861089.65	9.24654	1.97301	6.90E-01	9.38E-01	1.04E+00	1.47E-01	2.00E-01	2.21E-01
439	497607.04, 3861189.65	10.37421	2.52696	7.74E-01	1.05E+00	1.16E+00	1.89E-01	2.56E-01	2.83E-01
440	497607.04, 3861289.65	11.24279	3.81582	8.39E-01	1.14E+00	1.26E+00	2.85E-01	3.87E-01	4.28E-01
441	497607.04, 3861389.65	11.89241	5.25405	8.88E-01	1.21E+00	1.33E+00	3.92E-01	5.33E-01	5.89E-01
442	497607.04, 3861489.65	12.44103	6.81842	9.29E-01	1.26E+00	1.39E+00	5.09E-01	6.92E-01	7.64E-01
443	497607.04, 3861589.65	14.78612	8.51502	1.10E+00	1.50E+00	1.66E+00	6.36E-01	8.64E-01	9.54E-01
444	497607.04, 3861689.65	17.31864	10.41795	1.29E+00	1.76E+00	1.94E+00	7.78E-01	1.06E+00	1.17E+00
445	497607.04, 3861789.65	19.86785	12.373	1.48E+00	2.02E+00	2.23E+00	9.24E-01	1.26E+00	1.39E+00
446	497607.04, 3861889.65	22.1022	14.32266	1.65E+00	2.24E+00	2.48E+00	1.07E+00	1.45E+00	1.61E+00
447	497607.04, 3861989.65	25.20204	16.2467	1.88E+00	2.56E+00	2.82E+00	1.21E+00	1.65E+00	1.82E+00
448	497607.04, 3862089.65	29.06419	18.16855	2.17E+00	2.95E+00	3.26E+00	1.36E+00	1.84E+00	2.04E+00
449	497607.04, 3862189.65	35.69702	22.32321	2.66E+00	3.62E+00	4.00E+00	1.67E+00	2.26E+00	2.50E+00
450	497707.04, 3860989.65	6.89593	1.42393	5.15E-01	7.00E-01	7.73E-01	1.06E-01	1.44E-01	1.60E-01
451	497707.04, 3861089.65	9.27999	1.98297	6.93E-01	9.41E-01	1.04E+00	1.48E-01	2.01E-01	2.22E-01

452	497707.04, 3861189.65	10.37488	2.5343	7.75E-01	1.05E+00	1.16E+00	1.89E-01	2.57E-01	2.84E-01
453	497707.04, 3861289.65	11.21209	3.17038	8.37E-01	1.14E+00	1.26E+00	2.37E-01	3.22E-01	3.55E-01
454	497707.04, 3861389.65	11.85861	4.80688	8.85E-01	1.20E+00	1.33E+00	3.59E-01	4.88E-01	5.39E-01
455	497707.04, 3861489.65	12.29739	6.13017	9.18E-01	1.25E+00	1.38E+00	4.58E-01	6.22E-01	6.87E-01
456	497707.04, 3861589.65	14.04831	7.96144	1.05E+00	1.43E+00	1.57E+00	5.94E-01	8.08E-01	8.92E-01
457	497707.04, 3861689.65	16.96938	10.20408	1.27E+00	1.72E+00	1.90E+00	7.62E-01	1.04E+00	1.14E+00
458	497707.04, 3861789.65	19.63285	12.3655	1.47E+00	1.99E+00	2.20E+00	9.23E-01	1.25E+00	1.39E+00
459	497707.04, 3861889.65	21.49304	13.82494	1.60E+00	2.18E+00	2.41E+00	1.03E+00	1.40E+00	1.55E+00
460	497707.04, 3861989.65	25.09207	11.59645	1.87E+00	2.55E+00	2.81E+00	8.66E-01	1.18E+00	1.30E+00
461	497707.04, 3862089.65	27.71568	17.70914	2.07E+00	2.81E+00	3.11E+00	1.32E+00	1.80E+00	1.99E+00
462	497707.04, 3862189.65	33.61107	21.39882	2.51E+00	3.41E+00	3.77E+00	1.60E+00	2.17E+00	2.40E+00
463	497807.04, 3860989.65	6.24327	1.34671	4.66E-01	6.33E-01	7.00E-01	1.01E-01	1.37E-01	1.51E-01
464	497807.04, 3861089.65	9.22998	1.99162	6.89E-01	9.36E-01	1.03E+00	1.49E-01	2.02E-01	2.23E-01
465	497807.04, 3861189.65	10.35832	2.42741	7.73E-01	1.05E+00	1.16E+00	1.81E-01	2.46E-01	2.72E-01
466	497807.04, 3861289.65	11.18963	3.0811	8.35E-01	1.14E+00	1.25E+00	2.30E-01	3.13E-01	3.45E-01
467	497807.04, 3861389.65	11.82922	4.62345	8.83E-01	1.20E+00	1.33E+00	3.45E-01	4.69E-01	5.18E-01
468	497807.04, 3861489.65	12.26912	6.13561	9.16E-01	1.24E+00	1.38E+00	4.58E-01	6.22E-01	6.88E-01
469	497807.04, 3861589.65	13.9559	7.94261	1.04E+00	1.42E+00	1.56E+00	5.93E-01	8.06E-01	8.90E-01
470	497807.04, 3861689.65	16.61402	9.9837	1.24E+00	1.69E+00	1.86E+00	7.45E-01	1.01E+00	1.12E+00
471	497807.04, 3861789.65	19.10056	11.99733	1.43E+00	1.94E+00	2.14E+00	8.96E-01	1.22E+00	1.34E+00
472	497807.04, 3861889.65	21.00887	13.63296	1.57E+00	2.13E+00	2.35E+00	1.02E+00	1.38E+00	1.53E+00
473	497807.04, 3861989.65	22.61967	15.36712	1.69E+00	2.29E+00	2.54E+00	1.15E+00	1.56E+00	1.72E+00
474	497807.04, 3862089.65	26.41263	17.28457	1.97E+00	2.68E+00	2.96E+00	1.29E+00	1.75E+00	1.94E+00
475	497907.04, 3861089.65	9.31858	1.9866	6.96E-01	9.45E-01	1.04E+00	1.48E-01	2.02E-01	2.23E-01
476	497907.04, 3861189.65	10.37715	2.57948	7.75E-01	1.05E+00	1.16E+00	1.93E-01	2.62E-01	2.89E-01
477	497907.04, 3861289.65	11.18849	3.31398	8.35E-01	1.13E+00	1.25E+00	2.47E-01	3.36E-01	3.71E-01
478	497907.04, 3861389.65	11.80112	4.49056	8.81E-01	1.20E+00	1.32E+00	3.35E-01	4.56E-01	5.03E-01
479	497907.04, 3861489.65	12.24351	6.18767	9.14E-01	1.24E+00	1.37E+00	4.62E-01	6.28E-01	6.94E-01
480	497907.04, 3861589.65	13.71933	7.80527	1.02E+00	1.39E+00	1.54E+00	5.83E-01	7.92E-01	8.75E-01
481	497907.04, 3861689.65	16.12924	9.63845	1.20E+00	1.64E+00	1.81E+00	7.20E-01	9.78E-01	1.08E+00
482	497907.04, 3861789.65	18.54852	11.62053	1.38E+00	1.88E+00	2.08E+00	8.67E-01	1.18E+00	1.30E+00
483	497907.04, 3861889.65	20.50865	13.25324	1.53E+00	2.08E+00	2.30E+00	9.89E-01	1.34E+00	1.49E+00
484	497907.04, 3861989.65	23.53851	14.84974	1.76E+00	2.39E+00	2.64E+00	1.11E+00	1.51E+00	1.66E+00
485	497907.04, 3862089.65	25.01924	16.7541	1.87E+00	2.54E+00	2.80E+00	1.25E+00	1.70E+00	1.88E+00
486	498007.04, 3861089.65	9.00093	1.89321	6.72E-01	9.13E-01	1.01E+00	1.41E-01	1.92E-01	2.12E-01
487	498007.04, 3861189.65	10.38206	2.51124	7.75E-01	1.05E+00	1.16E+00	1.87E-01	2.55E-01	2.81E-01
488	498007.04, 3861289.65	11.16634	3.25553	8.34E-01	1.13E+00	1.25E+00	2.43E-01	3.30E-01	3.65E-01
489	498007.04, 3861389.65	11.7778	4.48025	8.79E-01	1.19E+00	1.32E+00	3.34E-01	4.54E-01	5.02E-01
490	498007.04, 3861489.65	12.22691	6.26387	9.13E-01	1.24E+00	1.37E+00	4.68E-01	6.35E-01	7.02E-01
491	498007.04, 3861589.65	14.27273	8.39497	1.07E+00	1.45E+00	1.60E+00	6.27E-01	8.52E-01	9.41E-01
492	498007.04, 3861689.65	16.51833	10.21473	1.23E+00	1.68E+00	1.85E+00	7.63E-01	1.04E+00	1.14E+00
493	498007.04, 3861789.65	18.44584	11.8876	1.38E+00	1.87E+00	2.07E+00	8.87E-01	1.21E+00	1.33E+00
494	498007.04, 3861889.65	19.68997	13.29654	1.47E+00	2.00E+00	2.21E+00	9.93E-01	1.35E+00	1.49E+00
495	498007.04, 3861989.65	20.82582	14.22956	1.55E+00	2.11E+00	2.33E+00	1.06E+00	1.44E+00	1.59E+00
496	498007.04, 3862089.65	24.10505	16.12006	1.80E+00	2.45E+00	2.70E+00	1.20E+00	1.64E+00	1.81E+00
497	498107.04, 3861089.65	9.38905	2.02698	7.01E-01	9.52E-01	1.05E+00	1.51E-01	2.06E-01	2.27E-01
498	498107.04, 3861189.65	10.39194	2.85913	7.76E-01	1.05E+00	1.16E+00	2.13E-01	2.90E-01	3.20E-01
499	498107.04, 3861289.65	11.18248	3.98968	8.35E-01	1.13E+00	1.25E+00	2.98E-01	4.05E-01	4.47E-01
500	498107.04, 3861389.65	11.7866	5.51962	8.80E-01	1.20E+00	1.32E+00	4.12E-01	5.60E-01	6.19E-01
501	498107.04, 3861489.65	12.37706	7.03534	9.24E-01	1.26E+00	1.39E+00	5.25E-01	7.14E-01	7.89E-01
502	498107.04, 3861589.65	14.30874	8.57013	1.07E+00	1.45E+00	1.60E+00	6.40E-01	8.69E-01	9.61E-01
503	498107.04, 3861689.65	16.20819	10.04374	1.21E+00	1.64E+00	1.82E+00	7.50E-01	1.02E+00	1.13E+00
504	498107.04, 3861789.65	18.06557	11.62097	1.35E+00	1.83E+00	2.02E+00	8.68E-01	1.18E+00	1.30E+00
505	498107.04, 3861889.65	19.29644	13.00602	1.44E+00	1.96E+00	2.16E+00	9.71E-01	1.32E+00	1.46E+00
506	498107.04, 3861989.65	20.11856	13.83849	1.50E+00	2.04E+00	2.26E+00	1.03E+00	1.40E+00	1.55E+00
507	498107.04, 3862089.65	23.23494	15.2096	1.73E+00	2.36E+00	2.60E+00	1.14E+00	1.54E+00	1.70E+00
508	498207.04, 3861089.65	9.44173	2.24475	7.05E-01	9.58E-01	1.06E+00	1.68E-01	2.28E-01	2.52E-01
509	498207.04, 3861189.65	10.40142	3.34306	7.76E-01	1.06E+00	1.17E+00	2.50E-01	3.39E-01	3.75E-01
510	498207.04, 3861289.65	11.17644	4.23017	8.34E-01	1.13E+00	1.25E+00	3.16E-01	4.29E-01	4.74E-01
511	498207.04, 3861389.65	11.76813	5.58207	8.79E-01	1.19E+00	1.32E+00	4.17E-01	5.66E-01	6.26E-01
512	498207.04, 3861489.65	12.19842	6.89841	9.11E-01	1.24E+00	1.37E+00	5.15E-01	7.00E-01	7.73E-01
513	498207.04, 3861589.65	13.89934	8.23822	1.04E+00	1.41E+00	1.56E+00	6.15E-01	8.36E-01	9.23E-01
514	498207.04, 3861689.65	15.77863	9.70298	1.18E+00	1.60E+00	1.77E+00	7.24E-01	9.84E-01	1.09E+00
515	498207.04, 3861789.65	17.68296	11.30586	1.32E+00	1.79E+00	1.98E+00	8.44E-01	1.15E+00	1.27E+00
516	498207.04, 3861889.65	19.03091	12.69284	1.42E+00	1.93E+00	2.13E+00	9.48E-01	1.29E+00	1.42E+00

517	498207.04, 3861989.65	19.44146	13.37222	1.45E+00	1.97E+00	2.18E+00	9.98E-01	1.36E+00	1.50E+00
518	498207.04, 3862089.65	22.46709	14.18806	1.68E+00	2.28E+00	2.52E+00	1.06E+00	1.44E+00	1.59E+00
519	498307.04, 3861089.65	9.45034	2.30616	7.05E-01	9.59E-01	1.06E+00	1.72E-01	2.34E-01	2.58E-01
520	498307.04, 3861189.65	10.39488	3.03217	7.76E-01	1.05E+00	1.17E+00	2.26E-01	3.08E-01	3.40E-01
521	498307.04, 3861289.65	11.15172	3.87061	8.32E-01	1.13E+00	1.25E+00	2.89E-01	3.93E-01	4.34E-01
522	498307.04, 3861389.65	11.71931	4.66914	8.75E-01	1.19E+00	1.31E+00	3.49E-01	4.74E-01	5.23E-01
523	498307.04, 3861489.65	12.12134	5.59939	9.05E-01	1.23E+00	1.36E+00	4.18E-01	5.68E-01	6.28E-01
524	498307.04, 3861589.65	12.82129	7.29897	9.57E-01	1.30E+00	1.44E+00	5.45E-01	7.40E-01	8.18E-01
525	498307.04, 3861689.65	15.10346	9.09869	1.13E+00	1.53E+00	1.69E+00	6.79E-01	9.23E-01	1.02E+00
526	498307.04, 3861789.65	17.18081	10.83671	1.28E+00	1.74E+00	1.93E+00	8.09E-01	1.10E+00	1.21E+00
527	498307.04, 3861889.65	18.70207	12.3879	1.40E+00	1.90E+00	2.10E+00	9.25E-01	1.26E+00	1.39E+00
528	498307.04, 3861989.65	18.73732	13.07974	1.40E+00	1.90E+00	2.10E+00	9.76E-01	1.33E+00	1.47E+00
529	498307.04, 3862089.65	21.71401	13.12597	1.62E+00	2.20E+00	2.43E+00	9.80E-01	1.33E+00	1.47E+00
530	498407.04, 3861189.65	10.35474	2.33701	7.73E-01	1.05E+00	1.16E+00	1.74E-01	2.37E-01	2.62E-01
531	498407.04, 3861289.65	11.1053	3.03858	8.29E-01	1.13E+00	1.24E+00	2.27E-01	3.08E-01	3.41E-01
532	498407.04, 3861389.65	11.67629	4.21977	8.72E-01	1.18E+00	1.31E+00	3.15E-01	4.28E-01	4.73E-01
533	498407.04, 3861489.65	12.10202	5.81634	9.03E-01	1.23E+00	1.36E+00	4.34E-01	5.90E-01	6.52E-01
534	498407.04, 3861589.65	12.6295	7.19746	9.43E-01	1.28E+00	1.42E+00	5.37E-01	7.30E-01	8.07E-01
535	498407.04, 3861689.65	14.8231	8.91665	1.11E+00	1.50E+00	1.66E+00	6.66E-01	9.05E-01	9.99E-01
536	498407.04, 3861789.65	16.7625	10.50524	1.25E+00	1.70E+00	1.88E+00	7.84E-01	1.07E+00	1.18E+00
537	498407.04, 3861889.65	18.17622	12.11977	1.36E+00	1.84E+00	2.04E+00	9.05E-01	1.23E+00	1.36E+00
538	498407.04, 3861989.65	18.86826	12.54063	1.41E+00	1.91E+00	2.11E+00	9.36E-01	1.27E+00	1.41E+00
539	498407.04, 3862089.65	21.00363	12.21905	1.57E+00	2.13E+00	2.35E+00	9.12E-01	1.24E+00	1.37E+00
540	498507.04, 3861189.65	9.55895	2.12355	7.14E-01	9.70E-01	1.07E+00	1.59E-01	2.15E-01	2.38E-01
541	498507.04, 3861289.65	11.08227	2.63025	8.27E-01	1.12E+00	1.24E+00	1.96E-01	2.67E-01	2.95E-01
542	498507.04, 3861389.65	11.64239	3.65444	8.69E-01	1.18E+00	1.30E+00	2.73E-01	3.71E-01	4.10E-01
543	498507.04, 3861489.65	12.06501	5.30428	9.01E-01	1.22E+00	1.35E+00	3.96E-01	5.38E-01	5.95E-01
544	498507.04, 3861589.65	12.35377	6.75178	9.22E-01	1.25E+00	1.38E+00	5.04E-01	6.85E-01	7.57E-01
545	498507.04, 3861689.65	14.37187	8.55519	1.07E+00	1.46E+00	1.61E+00	6.39E-01	8.68E-01	9.59E-01
546	498507.04, 3861789.65	16.12059	9.90333	1.20E+00	1.64E+00	1.81E+00	7.39E-01	1.00E+00	1.11E+00
547	498507.04, 3861889.65	17.95589	11.33291	1.34E+00	1.82E+00	2.01E+00	8.46E-01	1.15E+00	1.27E+00
548	498507.04, 3861989.65	19.31295	11.95546	1.44E+00	1.96E+00	2.16E+00	8.93E-01	1.21E+00	1.34E+00
549	498507.04, 3862089.65	20.33895	11.60926	1.52E+00	2.06E+00	2.28E+00	8.67E-01	1.18E+00	1.30E+00
550	493116.28, 3862593.93	15.79167	5.92447	1.18E+00	1.60E+00	1.77E+00	4.42E-01	6.01E-01	6.64E-01
551	493116.28, 3862693.93	15.01505	5.42906	1.12E+00	1.52E+00	1.68E+00	4.05E-01	5.51E-01	6.09E-01
552	493216.28, 3862493.93	16.32814	6.64122	1.22E+00	1.66E+00	1.83E+00	4.96E-01	6.74E-01	7.44E-01
553	493216.28, 3862593.93	16.19555	6.01419	1.21E+00	1.64E+00	1.82E+00	4.49E-01	6.10E-01	6.74E-01
554	493216.28, 3862693.93	15.25345	5.59944	1.14E+00	1.55E+00	1.71E+00	4.18E-01	5.68E-01	6.28E-01
555	493316.28, 3862293.93	18.67163	9.69317	1.39E+00	1.89E+00	2.09E+00	7.24E-01	9.83E-01	1.09E+00
556	493316.28, 3862393.93	18.61067	8.20649	1.39E+00	1.89E+00	2.09E+00	6.13E-01	8.32E-01	9.20E-01
557	493316.28, 3862493.93	17.33164	6.79961	1.29E+00	1.76E+00	1.94E+00	5.08E-01	6.90E-01	7.62E-01
558	493316.28, 3862593.93	16.4961	6.15147	1.23E+00	1.67E+00	1.85E+00	4.59E-01	6.24E-01	6.90E-01
559	493316.28, 3862693.93	15.59092	5.79289	1.16E+00	1.58E+00	1.75E+00	4.32E-01	5.88E-01	6.49E-01
560	493316.28, 3862793.93	14.813	5.44258	1.11E+00	1.50E+00	1.66E+00	4.06E-01	5.52E-01	6.10E-01
561	493416.28, 3862093.93	21.78351	13.00367	1.63E+00	2.21E+00	2.44E+00	9.71E-01	1.32E+00	1.46E+00
562	493416.28, 3862193.93	19.74342	11.87002	1.47E+00	2.00E+00	2.21E+00	8.86E-01	1.20E+00	1.33E+00
563	493416.28, 3862293.93	17.75981	10.37374	1.33E+00	1.80E+00	1.99E+00	7.74E-01	1.05E+00	1.16E+00
564	493416.28, 3862393.93	18.44774	8.80713	1.38E+00	1.87E+00	2.07E+00	6.57E-01	8.93E-01	9.87E-01
565	493416.28, 3862493.93	17.30491	7.28991	1.29E+00	1.76E+00	1.94E+00	5.44E-01	7.40E-01	8.17E-01
566	493416.28, 3862593.93	15.53394	6.20269	1.16E+00	1.58E+00	1.74E+00	4.63E-01	6.29E-01	6.95E-01
567	493416.28, 3862693.93	15.89994	5.87968	1.19E+00	1.61E+00	1.78E+00	4.39E-01	5.96E-01	6.59E-01
568	493416.28, 3862793.93	15.06196	5.70035	1.12E+00	1.53E+00	1.69E+00	4.26E-01	5.78E-01	6.39E-01
569	493516.28, 3862193.93	20.33112	12.10333	1.52E+00	2.06E+00	2.28E+00	9.04E-01	1.23E+00	1.36E+00
570	493516.28, 3862293.93	18.38069	10.97331	1.37E+00	1.86E+00	2.06E+00	8.19E-01	1.11E+00	1.23E+00
571	493516.28, 3862393.93	17.02132	9.36827	1.27E+00	1.73E+00	1.91E+00	6.99E-01	9.50E-01	1.05E+00
572	493516.28, 3862493.93	15.98766	7.73942	1.19E+00	1.62E+00	1.79E+00	5.78E-01	7.85E-01	8.68E-01
573	493516.28, 3862593.93	15.34564	6.37625	1.15E+00	1.56E+00	1.72E+00	4.76E-01	6.47E-01	7.15E-01
574	493516.28, 3862693.93	16.2268	5.89817	1.21E+00	1.65E+00	1.82E+00	4.40E-01	5.98E-01	6.61E-01
575	493516.28, 3862793.93	15.28883	5.62557	1.14E+00	1.55E+00	1.71E+00	4.20E-01	5.71E-01	6.31E-01
576	493616.28, 3862193.93	20.90218	12.38751	1.56E+00	2.12E+00	2.34E+00	9.25E-01	1.26E+00	1.39E+00
577	493616.28, 3862293.93	18.955	11.32741	1.42E+00	1.92E+00	2.12E+00	8.46E-01	1.15E+00	1.27E+00
578	493616.28, 3862393.93	17.25946	9.90278	1.29E+00	1.75E+00	1.93E+00	7.39E-01	1.00E+00	1.11E+00
579	493616.28, 3862493.93	16.03582	8.27243	1.20E+00	1.63E+00	1.80E+00	6.18E-01	8.39E-01	9.27E-01
580	493616.28, 3862593.93	15.04756	6.81987	1.12E+00	1.53E+00	1.69E+00	5.09E-01	6.92E-01	7.64E-01
581	493616.28, 3862693.93	16.48025	5.88944	1.23E+00	1.67E+00	1.85E+00	4.40E-01	5.97E-01	6.60E-01

582	493616.28, 3862793.93	15.37343	5.70061	1.15E+00	1.56E+00	1.72E+00	4.26E-01	5.78E-01	6.39E-01
583	493716.28, 3862193.93	21.49746	12.55867	1.60E+00	2.18E+00	2.41E+00	9.38E-01	1.27E+00	1.41E+00
584	493716.28, 3862293.93	19.49393	11.49484	1.46E+00	1.98E+00	2.19E+00	8.58E-01	1.17E+00	1.29E+00
585	493716.28, 3862393.93	19.82343	10.18791	1.48E+00	2.01E+00	2.22E+00	7.61E-01	1.03E+00	1.14E+00
586	493716.28, 3862493.93	18.47177	8.5182	1.38E+00	1.87E+00	2.07E+00	6.36E-01	8.64E-01	9.55E-01
587	493716.28, 3862593.93	15.37955	7.23284	1.15E+00	1.56E+00	1.72E+00	5.40E-01	7.34E-01	8.11E-01
588	493716.28, 3862693.93	16.67846	6.13985	1.25E+00	1.69E+00	1.87E+00	4.58E-01	6.23E-01	6.88E-01
589	493716.28, 3862793.93	15.80029	5.73459	1.18E+00	1.60E+00	1.77E+00	4.28E-01	5.82E-01	6.43E-01
590	493816.28, 3862193.93	22.12721	12.76115	1.65E+00	2.24E+00	2.48E+00	9.53E-01	1.29E+00	1.43E+00
591	493816.28, 3862293.93	20.03577	11.60887	1.50E+00	2.03E+00	2.25E+00	8.67E-01	1.18E+00	1.30E+00
592	493816.28, 3862393.93	18.28643	10.34984	1.37E+00	1.86E+00	2.05E+00	7.73E-01	1.05E+00	1.16E+00
593	493816.28, 3862493.93	16.88172	8.88662	1.26E+00	1.71E+00	1.89E+00	6.63E-01	9.01E-01	9.96E-01
594	493816.28, 3862593.93	15.7206	7.53377	1.17E+00	1.59E+00	1.76E+00	5.62E-01	7.64E-01	8.44E-01
595	493816.28, 3862693.93	15.86941	6.4651	1.18E+00	1.61E+00	1.78E+00	4.83E-01	6.56E-01	7.25E-01
596	493816.28, 3862793.93	16.01679	5.77489	1.20E+00	1.62E+00	1.80E+00	4.31E-01	5.86E-01	6.47E-01
597	493916.28, 3862193.93	22.80201	13.04782	1.70E+00	2.31E+00	2.56E+00	9.74E-01	1.32E+00	1.46E+00
598	493916.28, 3862293.93	20.58444	11.76728	1.54E+00	2.09E+00	2.31E+00	8.78E-01	1.19E+00	1.32E+00
599	493916.28, 3862393.93	18.76442	10.44294	1.40E+00	1.90E+00	2.10E+00	7.80E-01	1.06E+00	1.17E+00
600	493916.28, 3862493.93	17.31127	8.99235	1.29E+00	1.76E+00	1.94E+00	6.71E-01	9.12E-01	1.01E+00
601	493916.28, 3862593.93	16.08512	7.70738	1.20E+00	1.63E+00	1.80E+00	5.75E-01	7.82E-01	8.64E-01
602	493916.28, 3862693.93	15.63362	6.70455	1.17E+00	1.59E+00	1.75E+00	5.01E-01	6.80E-01	7.52E-01
603	493916.28, 3862793.93	16.2602	6.04637	1.21E+00	1.65E+00	1.82E+00	4.51E-01	6.13E-01	6.78E-01
604	493916.28, 3862893.93	14.14773	5.53327	1.06E+00	1.44E+00	1.59E+00	4.13E-01	5.61E-01	6.20E-01
605	494016.28, 3862293.93	21.15715	12.00237	1.58E+00	2.15E+00	2.37E+00	8.96E-01	1.22E+00	1.35E+00
606	494016.28, 3862393.93	19.27323	10.54973	1.44E+00	1.96E+00	2.16E+00	7.88E-01	1.07E+00	1.18E+00
607	494016.28, 3862493.93	17.72184	9.06083	1.32E+00	1.80E+00	1.99E+00	6.76E-01	9.19E-01	1.02E+00
608	494016.28, 3862593.93	16.48803	7.79006	1.23E+00	1.67E+00	1.85E+00	5.82E-01	7.90E-01	8.73E-01
609	494016.28, 3862693.93	15.65696	6.85945	1.17E+00	1.59E+00	1.75E+00	5.12E-01	6.96E-01	7.69E-01
610	494016.28, 3862793.93	16.42779	6.16788	1.23E+00	1.67E+00	1.84E+00	4.60E-01	6.26E-01	6.91E-01
611	494016.28, 3862893.93	13.56027	5.66113	1.01E+00	1.38E+00	1.52E+00	4.23E-01	5.74E-01	6.35E-01
612	494116.28, 3862293.93	21.77548	12.28773	1.63E+00	2.21E+00	2.44E+00	9.17E-01	1.25E+00	1.38E+00
613	494116.28, 3862393.93	19.78675	10.7254	1.48E+00	2.01E+00	2.22E+00	8.01E-01	1.09E+00	1.20E+00
614	494116.28, 3862493.93	18.17476	9.14505	1.36E+00	1.84E+00	2.04E+00	6.83E-01	9.28E-01	1.03E+00
615	494116.28, 3862593.93	16.87587	7.83264	1.26E+00	1.71E+00	1.89E+00	5.85E-01	7.95E-01	8.78E-01
616	494116.28, 3862693.93	15.94708	6.92039	1.19E+00	1.62E+00	1.79E+00	5.17E-01	7.02E-01	7.76E-01
617	494116.28, 3862793.93	16.64156	6.31801	1.24E+00	1.69E+00	1.87E+00	4.72E-01	6.41E-01	7.08E-01
618	494116.28, 3862893.93	13.80942	5.73754	1.03E+00	1.40E+00	1.55E+00	4.28E-01	5.82E-01	6.43E-01
619	494216.28, 3862293.93	22.42461	12.63022	1.67E+00	2.27E+00	2.51E+00	9.43E-01	1.28E+00	1.42E+00
620	494216.28, 3862393.93	20.34488	10.93519	1.52E+00	2.06E+00	2.28E+00	8.16E-01	1.11E+00	1.23E+00
621	494216.28, 3862493.93	18.63577	9.27498	1.39E+00	1.89E+00	2.09E+00	6.92E-01	9.41E-01	1.04E+00
622	494216.28, 3862593.93	17.27088	7.8903	1.29E+00	1.75E+00	1.94E+00	5.89E-01	8.00E-01	8.84E-01
623	494216.28, 3862693.93	16.29322	6.95363	1.22E+00	1.65E+00	1.83E+00	5.19E-01	7.05E-01	7.79E-01
624	494216.28, 3862793.93	16.85044	6.41854	1.26E+00	1.71E+00	1.89E+00	4.79E-01	6.51E-01	7.19E-01
625	494216.28, 3862893.93	13.57167	5.80972	1.01E+00	1.38E+00	1.52E+00	4.34E-01	5.89E-01	6.51E-01
626	494316.28, 3862293.93	23.08788	13.04625	1.72E+00	2.34E+00	2.59E+00	9.74E-01	1.32E+00	1.46E+00
627	494316.28, 3862393.93	20.8482	11.2627	1.56E+00	2.11E+00	2.34E+00	8.41E-01	1.14E+00	1.26E+00
628	494316.28, 3862493.93	19.02126	9.46699	1.42E+00	1.93E+00	2.13E+00	7.07E-01	9.60E-01	1.06E+00
629	494316.28, 3862593.93	17.65019	7.96536	1.32E+00	1.79E+00	1.98E+00	5.95E-01	8.08E-01	8.93E-01
630	494316.28, 3862693.93	16.80694	6.99268	1.25E+00	1.70E+00	1.88E+00	5.22E-01	7.09E-01	7.84E-01
631	494316.28, 3862793.93	16.98359	6.47149	1.27E+00	1.72E+00	1.90E+00	4.83E-01	6.56E-01	7.25E-01
632	494316.28, 3862893.93	13.76401	5.91733	1.03E+00	1.40E+00	1.54E+00	4.42E-01	6.00E-01	6.63E-01
633	494416.28, 3862293.93	23.8271	13.45652	1.78E+00	2.42E+00	2.67E+00	1.00E+00	1.37E+00	1.51E+00
634	494416.28, 3862393.93	21.53363	11.46504	1.61E+00	2.18E+00	2.41E+00	8.56E-01	1.16E+00	1.29E+00
635	494416.28, 3862493.93	19.72224	9.61702	1.47E+00	2.00E+00	2.21E+00	7.18E-01	9.76E-01	1.08E+00
636	494416.28, 3862593.93	18.17045	8.12127	1.36E+00	1.84E+00	2.04E+00	6.06E-01	8.24E-01	9.10E-01
637	494416.28, 3862693.93	16.92195	7.08282	1.26E+00	1.72E+00	1.90E+00	5.29E-01	7.18E-01	7.94E-01
638	494416.28, 3862793.93	16.58583	6.47958	1.24E+00	1.68E+00	1.86E+00	4.84E-01	6.57E-01	7.26E-01
639	494416.28, 3862893.93	13.9048	6.00305	1.04E+00	1.41E+00	1.56E+00	4.48E-01	6.09E-01	6.73E-01
640	494516.28, 3862293.93	24.61246	13.88538	1.84E+00	2.50E+00	2.76E+00	1.04E+00	1.41E+00	1.56E+00
641	494516.28, 3862393.93	22.15578	11.7967	1.65E+00	2.25E+00	2.48E+00	8.81E-01	1.20E+00	1.32E+00
642	494516.28, 3862493.93	20.25872	9.83979	1.51E+00	2.06E+00	2.27E+00	7.35E-01	9.98E-01	1.10E+00
643	494516.28, 3862593.93	18.62326	8.27288	1.39E+00	1.89E+00	2.09E+00	6.18E-01	8.39E-01	9.27E-01
644	494516.28, 3862693.93	16.92022	7.21309	1.26E+00	1.72E+00	1.90E+00	5.38E-01	7.32E-01	8.09E-01
645	494516.28, 3862793.93	15.18681	6.51563	1.13E+00	1.54E+00	1.70E+00	4.86E-01	6.61E-01	7.30E-01
646	494516.28, 3862893.93	13.06717	6.01877	9.75E-01	1.33E+00	1.46E+00	4.49E-01	6.11E-01	6.75E-01

647	494516.28, 3862993.93	12.18618	5.84914	9.10E-01	1.24E+00	1.37E+00	4.37E-01	5.93E-01	6.56E-01
648	494616.28, 3862393.93	22.8178	12.14478	1.70E+00	2.31E+00	2.56E+00	9.07E-01	1.23E+00	1.36E+00
649	494616.28, 3862493.93	20.84353	10.06507	1.56E+00	2.11E+00	2.34E+00	7.51E-01	1.02E+00	1.13E+00
650	494616.28, 3862593.93	19.09034	8.4375	1.43E+00	1.94E+00	2.14E+00	6.30E-01	8.56E-01	9.46E-01
651	494616.28, 3862693.93	17.20301	7.33515	1.28E+00	1.75E+00	1.93E+00	5.48E-01	7.44E-01	8.22E-01
652	494616.28, 3862793.93	14.93947	6.5896	1.12E+00	1.52E+00	1.67E+00	4.92E-01	6.68E-01	7.39E-01
653	494616.28, 3862893.93	13.34978	6.11706	9.97E-01	1.35E+00	1.50E+00	4.57E-01	6.21E-01	6.86E-01
654	494616.28, 3862993.93	12.51411	5.85366	9.34E-01	1.27E+00	1.40E+00	4.37E-01	5.94E-01	6.56E-01
655	494716.28, 3862393.93	23.51227	12.552	1.76E+00	2.39E+00	2.64E+00	9.37E-01	1.27E+00	1.41E+00
656	494716.28, 3862493.93	21.48226	10.29425	1.60E+00	2.18E+00	2.41E+00	7.68E-01	1.04E+00	1.15E+00
657	494716.28, 3862593.93	19.55053	8.59104	1.46E+00	1.98E+00	2.19E+00	6.41E-01	8.71E-01	9.63E-01
658	494716.28, 3862693.93	17.42069	7.47004	1.30E+00	1.77E+00	1.95E+00	5.58E-01	7.58E-01	8.37E-01
659	494716.28, 3862793.93	14.97045	6.68282	1.12E+00	1.52E+00	1.68E+00	4.99E-01	6.78E-01	7.49E-01
660	494716.28, 3862893.93	13.49164	6.21907	1.01E+00	1.37E+00	1.51E+00	4.64E-01	6.31E-01	6.97E-01
661	494716.28, 3862993.93	12.83501	5.98139	9.58E-01	1.30E+00	1.44E+00	4.47E-01	6.07E-01	6.70E-01
662	494816.28, 3862393.93	24.25859	12.96725	1.81E+00	2.46E+00	2.72E+00	9.68E-01	1.32E+00	1.45E+00
663	494816.28, 3862493.93	22.12146	10.5582	1.65E+00	2.24E+00	2.48E+00	7.88E-01	1.07E+00	1.18E+00
664	494816.28, 3862593.93	20.07063	8.78389	1.50E+00	2.04E+00	2.25E+00	6.56E-01	8.91E-01	9.85E-01
665	494816.28, 3862693.93	17.69766	7.77646	1.32E+00	1.80E+00	1.98E+00	5.81E-01	7.89E-01	8.72E-01
666	494816.28, 3862793.93	14.63819	7.00013	1.09E+00	1.48E+00	1.64E+00	5.23E-01	7.10E-01	7.85E-01
667	494816.28, 3862893.93	12.80119	6.33421	9.56E-01	1.30E+00	1.43E+00	4.73E-01	6.43E-01	7.10E-01
668	494816.28, 3862993.93	13.20549	5.91354	9.86E-01	1.34E+00	1.48E+00	4.41E-01	6.00E-01	6.63E-01
669	494916.28, 3862393.93	25.1164	13.31788	1.87E+00	2.55E+00	2.82E+00	9.94E-01	1.35E+00	1.49E+00
670	494916.28, 3862493.93	22.74333	10.86498	1.70E+00	2.31E+00	2.55E+00	8.11E-01	1.10E+00	1.22E+00
671	494916.28, 3862593.93	20.64149	8.99382	1.54E+00	2.09E+00	2.31E+00	6.71E-01	9.12E-01	1.01E+00
672	494916.28, 3862693.93	17.93816	8.13339	1.34E+00	1.82E+00	2.01E+00	6.07E-01	8.25E-01	9.12E-01
673	494916.28, 3862793.93	14.0047	7.34494	1.05E+00	1.42E+00	1.57E+00	5.48E-01	7.45E-01	8.23E-01
674	494916.28, 3862893.93	13.0321	6.57193	9.73E-01	1.32E+00	1.46E+00	4.91E-01	6.67E-01	7.37E-01
675	494916.28, 3862993.93	12.12817	6.05495	9.05E-01	1.23E+00	1.36E+00	4.52E-01	6.14E-01	6.79E-01
676	495016.28, 3862393.93	25.94883	13.70128	1.94E+00	2.63E+00	2.91E+00	1.02E+00	1.39E+00	1.54E+00
677	495016.28, 3862493.93	23.57656	11.42161	1.76E+00	2.39E+00	2.64E+00	8.53E-01	1.16E+00	1.28E+00
678	495016.28, 3862593.93	21.2074	9.55648	1.58E+00	2.15E+00	2.38E+00	7.13E-01	9.69E-01	1.07E+00
679	495016.28, 3862693.93	18.1469	8.46515	1.35E+00	1.84E+00	2.03E+00	6.32E-01	8.59E-01	9.49E-01
680	495016.28, 3862793.93	14.06844	7.67869	1.05E+00	1.43E+00	1.58E+00	5.73E-01	7.79E-01	8.61E-01
681	495016.28, 3862893.93	13.39732	6.83704	1.00E+00	1.36E+00	1.50E+00	5.10E-01	6.94E-01	7.66E-01
682	495016.28, 3862993.93	12.44158	6.16132	9.29E-01	1.26E+00	1.39E+00	4.60E-01	6.25E-01	6.91E-01
683	495016.28, 3863093.93	12.69217	5.97893	9.47E-01	1.29E+00	1.42E+00	4.46E-01	6.07E-01	6.70E-01
684	495116.28, 3862493.93	24.34903	12.11171	1.82E+00	2.47E+00	2.73E+00	9.04E-01	1.23E+00	1.36E+00
685	495116.28, 3862593.93	21.74442	10.2679	1.62E+00	2.21E+00	2.44E+00	7.67E-01	1.04E+00	1.15E+00
686	495116.28, 3862693.93	18.03022	8.77169	1.35E+00	1.83E+00	2.02E+00	6.55E-01	8.90E-01	9.83E-01
687	495116.28, 3862793.93	14.45347	7.98552	1.08E+00	1.47E+00	1.62E+00	5.96E-01	8.10E-01	8.95E-01
688	495116.28, 3862893.93	13.76345	7.08497	1.03E+00	1.40E+00	1.54E+00	5.29E-01	7.19E-01	7.94E-01
689	495116.28, 3862993.93	12.93773	6.25439	9.66E-01	1.31E+00	1.45E+00	4.67E-01	6.34E-01	7.01E-01
690	495116.28, 3863093.93	12.82652	6.03626	9.58E-01	1.30E+00	1.44E+00	4.51E-01	6.12E-01	6.77E-01
691	495216.28, 3862493.93	25.19526	12.81443	1.88E+00	2.56E+00	2.82E+00	9.57E-01	1.30E+00	1.44E+00
692	495216.28, 3862593.93	22.27046	10.94226	1.66E+00	2.26E+00	2.50E+00	8.17E-01	1.11E+00	1.23E+00
693	495216.28, 3862693.93	17.95186	9.35126	1.34E+00	1.82E+00	2.01E+00	6.98E-01	9.49E-01	1.05E+00
694	495216.28, 3862793.93	14.84665	8.242	1.11E+00	1.51E+00	1.66E+00	6.15E-01	8.36E-01	9.24E-01
695	495216.28, 3862893.93	14.14473	7.27872	1.06E+00	1.43E+00	1.59E+00	5.43E-01	7.38E-01	8.16E-01
696	495216.28, 3862993.93	14.47055	5.62173	1.08E+00	1.47E+00	1.62E+00	4.20E-01	5.70E-01	6.30E-01
697	495216.28, 3863093.93	12.78505	4.67228	9.54E-01	1.30E+00	1.43E+00	3.49E-01	4.74E-01	5.24E-01
698	495316.28, 3862493.93	25.92775	13.36494	1.94E+00	2.63E+00	2.91E+00	9.98E-01	1.36E+00	1.50E+00
699	495316.28, 3862593.93	22.76888	11.5929	1.70E+00	2.31E+00	2.55E+00	8.65E-01	1.18E+00	1.30E+00
700	495316.28, 3862693.93	17.88325	9.98391	1.34E+00	1.81E+00	2.00E+00	7.45E-01	1.01E+00	1.12E+00
701	495316.28, 3862793.93	15.27101	8.44868	1.14E+00	1.55E+00	1.71E+00	6.31E-01	8.57E-01	9.47E-01
702	495316.28, 3862893.93	14.50228	7.43536	1.08E+00	1.47E+00	1.63E+00	5.55E-01	7.54E-01	8.33E-01
703	495316.28, 3862993.93	14.30754	4.24219	1.07E+00	1.45E+00	1.60E+00	3.17E-01	4.30E-01	4.76E-01
704	495316.28, 3863093.93	14.12426	5.56201	1.05E+00	1.43E+00	1.58E+00	4.15E-01	5.64E-01	6.23E-01
705	495416.28, 3862493.93	26.97451	14.05586	2.01E+00	2.74E+00	3.02E+00	1.05E+00	1.43E+00	1.58E+00
706	495416.28, 3862593.93	23.29044	12.28599	1.74E+00	2.36E+00	2.61E+00	9.17E-01	1.25E+00	1.38E+00
707	495416.28, 3862693.93	17.55255	10.55138	1.31E+00	1.78E+00	1.97E+00	7.88E-01	1.07E+00	1.18E+00
708	495416.28, 3862793.93	15.801	8.92199	1.18E+00	1.60E+00	1.77E+00	6.66E-01	9.05E-01	1.00E+00
709	495416.28, 3862893.93	14.7966	7.52742	1.10E+00	1.50E+00	1.66E+00	5.62E-01	7.64E-01	8.44E-01
710	495416.28, 3862993.93	14.23893	4.123	1.06E+00	1.44E+00	1.60E+00	3.08E-01	4.18E-01	4.62E-01
711	495416.28, 3863093.93	13.51556	3.83584	1.01E+00	1.37E+00	1.51E+00	2.86E-01	3.89E-01	4.30E-01

712	495516.28, 3862493.93	28.24363	14.84396	2.11E+00	2.87E+00	3.17E+00	1.11E+00	1.51E+00	1.66E+00
713	495516.28, 3862593.93	23.70607	12.8734	1.77E+00	2.40E+00	2.66E+00	9.61E-01	1.31E+00	1.44E+00
714	495516.28, 3862693.93	18.81583	11.11729	1.40E+00	1.91E+00	2.11E+00	8.30E-01	1.13E+00	1.25E+00
715	495516.28, 3862793.93	16.27851	9.40285	1.22E+00	1.65E+00	1.82E+00	7.02E-01	9.54E-01	1.05E+00
716	495516.28, 3862893.93	14.65219	7.88003	1.09E+00	1.49E+00	1.64E+00	5.88E-01	7.99E-01	8.83E-01
717	495516.28, 3862993.93	14.56427	4.37738	1.09E+00	1.48E+00	1.63E+00	3.27E-01	4.44E-01	4.91E-01
718	495516.28, 3863093.93	13.22792	3.47354	9.87E-01	1.34E+00	1.48E+00	2.59E-01	3.52E-01	3.89E-01
719	495616.28, 3862593.93	24.0829	13.48645	1.80E+00	2.44E+00	2.70E+00	1.01E+00	1.37E+00	1.51E+00
720	495616.28, 3862693.93	20.02273	11.67371	1.49E+00	2.03E+00	2.24E+00	8.71E-01	1.18E+00	1.31E+00
721	495616.28, 3862793.93	16.76449	9.8887	1.25E+00	1.70E+00	1.88E+00	7.38E-01	1.00E+00	1.11E+00
722	495616.28, 3862893.93	15.05438	8.10795	1.12E+00	1.53E+00	1.69E+00	6.05E-01	8.22E-01	9.09E-01
723	495616.28, 3862993.93	15.99629	6.90869	1.19E+00	1.62E+00	1.79E+00	5.16E-01	7.01E-01	7.74E-01
724	495616.28, 3863093.93	13.24623	3.58494	9.89E-01	1.34E+00	1.48E+00	2.68E-01	3.64E-01	4.02E-01
725	495616.28, 3863193.93	12.32578	3.0374	9.20E-01	1.25E+00	1.38E+00	2.27E-01	3.08E-01	3.40E-01
726	495716.28, 3862593.93	24.34943	14.06266	1.82E+00	2.47E+00	2.73E+00	1.05E+00	1.43E+00	1.58E+00
727	495716.28, 3862693.93	21.01699	12.17118	1.57E+00	2.13E+00	2.36E+00	9.09E-01	1.23E+00	1.36E+00
728	495716.28, 3862793.93	17.94976	10.32282	1.34E+00	1.82E+00	2.01E+00	7.71E-01	1.05E+00	1.16E+00
729	495716.28, 3862893.93	14.97432	8.45208	1.12E+00	1.52E+00	1.68E+00	6.31E-01	8.57E-01	9.47E-01
730	495716.28, 3862993.93	14.98223	7.10271	1.12E+00	1.52E+00	1.68E+00	5.30E-01	7.21E-01	7.96E-01
731	495716.28, 3863093.93	13.98254	3.84389	1.04E+00	1.42E+00	1.57E+00	2.87E-01	3.90E-01	4.31E-01
732	495716.28, 3863193.93	11.75253	2.99576	8.77E-01	1.19E+00	1.32E+00	2.24E-01	3.04E-01	3.36E-01
733	495816.28, 3862593.93	25.47446	14.60791	1.90E+00	2.58E+00	2.86E+00	1.09E+00	1.48E+00	1.64E+00
734	495816.28, 3862693.93	21.86507	12.61998	1.63E+00	2.22E+00	2.45E+00	9.42E-01	1.28E+00	1.41E+00
735	495816.28, 3862793.93	18.96025	10.68041	1.42E+00	1.92E+00	2.13E+00	7.97E-01	1.08E+00	1.20E+00
736	495816.28, 3862893.93	15.90276	8.76463	1.19E+00	1.61E+00	1.78E+00	6.54E-01	8.89E-01	9.82E-01
737	495816.28, 3862993.93	14.98365	7.2886	1.12E+00	1.52E+00	1.68E+00	5.44E-01	7.39E-01	8.17E-01
738	495816.28, 3863093.93	14.43603	3.92748	1.08E+00	1.46E+00	1.62E+00	2.93E-01	3.98E-01	4.40E-01
739	495816.28, 3863193.93	12.62437	3.10857	9.42E-01	1.28E+00	1.42E+00	2.32E-01	3.15E-01	3.48E-01
740	495916.28, 3862593.93	26.75751	15.18276	2.00E+00	2.71E+00	3.00E+00	1.13E+00	1.54E+00	1.70E+00
741	495916.28, 3862693.93	22.71443	13.0901	1.70E+00	2.30E+00	2.55E+00	9.77E-01	1.33E+00	1.47E+00
742	495916.28, 3862793.93	19.84602	11.01142	1.48E+00	2.01E+00	2.22E+00	8.22E-01	1.12E+00	1.23E+00
743	495916.28, 3862893.93	17.01737	9.10741	1.27E+00	1.73E+00	1.91E+00	6.80E-01	9.24E-01	1.02E+00
744	495916.28, 3862993.93	14.38564	7.79352	1.07E+00	1.46E+00	1.61E+00	5.82E-01	7.91E-01	8.74E-01
745	495916.28, 3863093.93	15.64565	6.24442	1.17E+00	1.59E+00	1.75E+00	4.66E-01	6.33E-01	7.00E-01
746	495916.28, 3863193.93	13.03385	3.0738	9.73E-01	1.32E+00	1.46E+00	2.29E-01	3.12E-01	3.45E-01
747	496016.28, 3862593.93	28.1942	15.76082	2.10E+00	2.86E+00	3.16E+00	1.18E+00	1.60E+00	1.77E+00
748	496016.28, 3862693.93	23.76203	13.47762	1.77E+00	2.41E+00	2.66E+00	1.01E+00	1.37E+00	1.51E+00
749	496016.28, 3862793.93	20.61064	11.30266	1.54E+00	2.09E+00	2.31E+00	8.44E-01	1.15E+00	1.27E+00
750	496016.28, 3862893.93	17.90668	9.40928	1.34E+00	1.82E+00	2.01E+00	7.02E-01	9.55E-01	1.05E+00
751	496016.28, 3862993.93	15.58091	8.20103	1.16E+00	1.58E+00	1.75E+00	6.12E-01	8.32E-01	9.19E-01
752	496016.28, 3863093.93	15.13826	4.84492	1.13E+00	1.54E+00	1.70E+00	3.62E-01	4.91E-01	5.43E-01
753	496016.28, 3863193.93	14.0299	3.72825	1.05E+00	1.42E+00	1.57E+00	2.78E-01	3.78E-01	4.18E-01
754	496116.28, 3862593.93	29.54015	16.32651	2.21E+00	3.00E+00	3.31E+00	1.22E+00	1.66E+00	1.83E+00
755	496116.28, 3862693.93	24.8508	13.87313	1.86E+00	2.52E+00	2.79E+00	1.04E+00	1.41E+00	1.56E+00
756	496116.28, 3862793.93	21.26126	11.54151	1.59E+00	2.16E+00	2.38E+00	8.62E-01	1.17E+00	1.29E+00
757	496116.28, 3862893.93	18.68022	9.72057	1.39E+00	1.89E+00	2.09E+00	7.26E-01	9.86E-01	1.09E+00
758	496116.28, 3862993.93	16.54757	8.59068	1.24E+00	1.68E+00	1.85E+00	6.41E-01	8.71E-01	9.63E-01
759	496116.28, 3863093.93	15.77065	5.95294	1.18E+00	1.60E+00	1.77E+00	4.44E-01	6.04E-01	6.67E-01
760	496116.28, 3863193.93	15.23205	5.91307	1.14E+00	1.55E+00	1.71E+00	4.41E-01	6.00E-01	6.63E-01
761	496216.28, 3862693.93	26.03064	14.23466	1.94E+00	2.64E+00	2.92E+00	1.06E+00	1.44E+00	1.60E+00
762	496216.28, 3862793.93	22.19109	11.81749	1.66E+00	2.25E+00	2.49E+00	8.82E-01	1.20E+00	1.32E+00
763	496216.28, 3862893.93	19.36021	10.02482	1.45E+00	1.96E+00	2.17E+00	7.48E-01	1.02E+00	1.12E+00
764	496216.28, 3862993.93	17.05225	8.81325	1.27E+00	1.73E+00	1.91E+00	6.58E-01	8.94E-01	9.88E-01
765	496216.28, 3863093.93	15.13924	7.79916	1.13E+00	1.54E+00	1.70E+00	5.82E-01	7.91E-01	8.74E-01
766	496216.28, 3863193.93	12.70292	6.74528	9.48E-01	1.29E+00	1.42E+00	5.04E-01	6.84E-01	7.56E-01
767	496216.28, 3863293.93	11.59609	5.66949	8.66E-01	1.18E+00	1.30E+00	4.23E-01	5.75E-01	6.35E-01
768	496316.28, 3862693.93	27.19963	14.54963	2.03E+00	2.76E+00	3.05E+00	1.09E+00	1.48E+00	1.63E+00
769	496316.28, 3862793.93	23.13925	12.01722	1.73E+00	2.35E+00	2.59E+00	8.97E-01	1.22E+00	1.35E+00
770	496316.28, 3862893.93	20.02506	10.35906	1.49E+00	2.03E+00	2.24E+00	7.73E-01	1.05E+00	1.16E+00
771	496316.28, 3862993.93	17.72876	9.12055	1.32E+00	1.80E+00	1.99E+00	6.81E-01	9.25E-01	1.02E+00
772	496316.28, 3863093.93	15.5173	7.98723	1.16E+00	1.57E+00	1.74E+00	5.96E-01	8.10E-01	8.95E-01
773	496316.28, 3863193.93	13.43091	6.88354	1.00E+00	1.36E+00	1.51E+00	5.14E-01	6.98E-01	7.72E-01
774	496316.28, 3863293.93	11.9337	5.72306	8.91E-01	1.21E+00	1.34E+00	4.27E-01	5.81E-01	6.41E-01
775	496416.28, 3862693.93	28.22619	14.69049	2.11E+00	2.86E+00	3.16E+00	1.10E+00	1.49E+00	1.65E+00
776	496416.28, 3862793.93	24.2287	12.28554	1.81E+00	2.46E+00	2.72E+00	9.17E-01	1.25E+00	1.38E+00

777	496416.28, 3862893.93	20.76868	10.68217	1.55E+00	2.11E+00	2.33E+00	7.97E-01	1.08E+00	1.20E+00
778	496416.28, 3862993.93	18.33997	9.3983	1.37E+00	1.86E+00	2.06E+00	7.02E-01	9.53E-01	1.05E+00
779	496416.28, 3863093.93	16.16115	8.12795	1.21E+00	1.64E+00	1.81E+00	6.07E-01	8.25E-01	9.11E-01
780	496416.28, 3863193.93	14.16421	6.85369	1.06E+00	1.44E+00	1.59E+00	5.12E-01	6.95E-01	7.68E-01
781	496416.28, 3863293.93	12.0876	5.57124	9.02E-01	1.23E+00	1.35E+00	4.16E-01	5.65E-01	6.24E-01
782	496516.28, 3862693.93	29.45737	14.9404	2.20E+00	2.99E+00	3.30E+00	1.12E+00	1.52E+00	1.67E+00
783	496516.28, 3862793.93	25.0818	12.43341	1.87E+00	2.54E+00	2.81E+00	9.28E-01	1.26E+00	1.39E+00
784	496516.28, 3862893.93	21.628	10.96789	1.61E+00	2.19E+00	2.42E+00	8.19E-01	1.11E+00	1.23E+00
785	496516.28, 3862993.93	18.88978	9.57744	1.41E+00	1.92E+00	2.12E+00	7.15E-01	9.72E-01	1.07E+00
786	496516.28, 3863093.93	16.77758	8.11392	1.25E+00	1.70E+00	1.88E+00	6.06E-01	8.23E-01	9.09E-01
787	496516.28, 3863193.93	14.80924	6.65643	1.11E+00	1.50E+00	1.66E+00	4.97E-01	6.75E-01	7.46E-01
788	496516.28, 3863293.93	12.7726	5.29814	9.54E-01	1.30E+00	1.43E+00	3.96E-01	5.37E-01	5.94E-01
789	496616.28, 3862693.93	30.54398	15.06729	2.28E+00	3.10E+00	3.42E+00	1.12E+00	1.53E+00	1.69E+00
790	496616.28, 3862793.93	26.14044	12.78853	1.95E+00	2.65E+00	2.93E+00	9.55E-01	1.30E+00	1.43E+00
791	496616.28, 3862893.93	22.47527	11.16835	1.68E+00	2.28E+00	2.52E+00	8.34E-01	1.13E+00	1.25E+00
792	496616.28, 3862993.93	19.49171	9.57084	1.46E+00	1.98E+00	2.18E+00	7.14E-01	9.71E-01	1.07E+00
793	496616.28, 3863093.93	17.35011	7.88253	1.30E+00	1.76E+00	1.94E+00	5.88E-01	8.00E-01	8.84E-01
794	496616.28, 3863193.93	15.40757	6.29831	1.15E+00	1.56E+00	1.73E+00	4.70E-01	6.39E-01	7.06E-01
795	496616.28, 3863293.93	13.58251	5.37975	1.01E+00	1.38E+00	1.52E+00	4.02E-01	5.46E-01	6.03E-01
796	496716.28, 3862793.93	27.09522	13.08651	2.02E+00	2.75E+00	3.04E+00	9.77E-01	1.33E+00	1.47E+00
797	496716.28, 3862893.93	23.49429	11.24177	1.75E+00	2.38E+00	2.63E+00	8.39E-01	1.14E+00	1.26E+00
798	496716.28, 3862993.93	20.25802	9.23048	1.51E+00	2.06E+00	2.27E+00	6.89E-01	9.36E-01	1.03E+00
799	496716.28, 3863093.93	17.8512	7.36763	1.33E+00	1.81E+00	2.00E+00	5.50E-01	7.47E-01	8.26E-01
800	496716.28, 3863193.93	15.95912	6.26852	1.19E+00	1.62E+00	1.79E+00	4.68E-01	6.36E-01	7.03E-01
801	496716.28, 3863293.93	14.26704	5.49686	1.07E+00	1.45E+00	1.60E+00	4.10E-01	5.58E-01	6.16E-01
802	496716.28, 3863393.93	12.35853	4.75548	9.23E-01	1.25E+00	1.39E+00	3.55E-01	4.82E-01	5.33E-01
803	496816.28, 3862793.93	28.46265	13.4609	2.12E+00	2.89E+00	3.19E+00	1.00E+00	1.37E+00	1.51E+00
804	496816.28, 3862893.93	24.32234	10.81886	1.82E+00	2.47E+00	2.73E+00	8.08E-01	1.10E+00	1.21E+00
805	496816.28, 3862993.93	21.00183	8.48737	1.57E+00	2.13E+00	2.35E+00	6.34E-01	8.61E-01	9.51E-01
806	496816.28, 3863093.93	18.33508	7.26743	1.37E+00	1.86E+00	2.06E+00	5.43E-01	7.37E-01	8.15E-01
807	496816.28, 3863193.93	16.46422	6.33216	1.23E+00	1.67E+00	1.85E+00	4.73E-01	6.42E-01	7.10E-01
808	496816.28, 3863293.93	14.81707	5.58172	1.11E+00	1.50E+00	1.66E+00	4.17E-01	5.66E-01	6.26E-01
809	496816.28, 3863393.93	13.1085	4.95287	9.79E-01	1.33E+00	1.47E+00	3.70E-01	5.02E-01	5.55E-01
810	496916.28, 3862793.93	28.67983	12.62101	2.14E+00	2.91E+00	3.21E+00	9.42E-01	1.28E+00	1.41E+00
811	496916.28, 3862893.93	25.108	9.78008	1.87E+00	2.55E+00	2.81E+00	7.30E-01	9.92E-01	1.10E+00
812	496916.28, 3862993.93	21.87399	8.30377	1.63E+00	2.22E+00	2.45E+00	6.20E-01	8.42E-01	9.31E-01
813	496916.28, 3863093.93	19.00799	7.23228	1.42E+00	1.93E+00	2.13E+00	5.40E-01	7.34E-01	8.11E-01
814	496916.28, 3863193.93	16.89394	6.4626	1.26E+00	1.71E+00	1.89E+00	4.82E-01	6.56E-01	7.24E-01
815	496916.28, 3863293.93	15.2626	5.78147	1.14E+00	1.55E+00	1.71E+00	4.32E-01	5.86E-01	6.48E-01
816	496916.28, 3863393.93	13.79174	5.17353	1.03E+00	1.40E+00	1.55E+00	3.86E-01	5.25E-01	5.80E-01
817	497016.28, 3862793.93	29.63162	11.21628	2.21E+00	3.01E+00	3.32E+00	8.37E-01	1.14E+00	1.26E+00
818	497016.28, 3862893.93	25.90869	9.63603	1.93E+00	2.63E+00	2.90E+00	7.19E-01	9.78E-01	1.08E+00
819	497016.28, 3862993.93	22.61752	8.38012	1.69E+00	2.29E+00	2.54E+00	6.26E-01	8.50E-01	9.39E-01
820	497016.28, 3863093.93	19.66839	7.42326	1.47E+00	2.00E+00	2.20E+00	5.54E-01	7.53E-01	8.32E-01
821	497016.28, 3863193.93	17.30291	6.6539	1.29E+00	1.76E+00	1.94E+00	4.97E-01	6.75E-01	7.46E-01
822	497016.28, 3863293.93	15.64529	5.96291	1.17E+00	1.59E+00	1.75E+00	4.45E-01	6.05E-01	6.68E-01
823	497016.28, 3863393.93	14.33069	5.37966	1.07E+00	1.45E+00	1.61E+00	4.02E-01	5.46E-01	6.03E-01
824	497116.28, 3862793.93	30.95377	11.79757	2.31E+00	3.14E+00	3.47E+00	8.81E-01	1.20E+00	1.32E+00
825	497116.28, 3862893.93	26.52197	9.82008	1.98E+00	2.69E+00	2.97E+00	7.33E-01	9.96E-01	1.10E+00
826	497116.28, 3862993.93	23.43155	8.64006	1.75E+00	2.38E+00	2.63E+00	6.45E-01	8.76E-01	9.68E-01
827	497116.28, 3863093.93	20.57662	7.67801	1.54E+00	2.09E+00	2.31E+00	5.73E-01	7.79E-01	8.61E-01
828	497116.28, 3863193.93	17.92465	6.83693	1.34E+00	1.82E+00	2.01E+00	5.10E-01	6.94E-01	7.66E-01
829	497116.28, 3863293.93	16.04156	6.14171	1.20E+00	1.63E+00	1.80E+00	4.58E-01	6.23E-01	6.88E-01
830	497116.28, 3863393.93	14.67715	5.54043	1.10E+00	1.49E+00	1.65E+00	4.14E-01	5.62E-01	6.21E-01
831	497216.28, 3862793.93	32.03087	12.20774	2.39E+00	3.25E+00	3.59E+00	9.11E-01	1.24E+00	1.37E+00
832	497216.28, 3862893.93	27.30842	10.03632	2.04E+00	2.77E+00	3.06E+00	7.49E-01	1.02E+00	1.12E+00
833	497216.28, 3862993.93	23.93801	8.74016	1.79E+00	2.43E+00	2.68E+00	6.52E-01	8.87E-01	9.80E-01
834	497216.28, 3863093.93	21.25777	7.83434	1.59E+00	2.16E+00	2.38E+00	5.85E-01	7.95E-01	8.78E-01
835	497216.28, 3863193.93	18.54237	7.00487	1.38E+00	1.88E+00	2.08E+00	5.23E-01	7.11E-01	7.85E-01
836	497216.28, 3863293.93	16.40709	6.30673	1.22E+00	1.66E+00	1.84E+00	4.71E-01	6.40E-01	7.07E-01
837	497216.28, 3863393.93	14.9744	5.69288	1.12E+00	1.52E+00	1.68E+00	4.25E-01	5.78E-01	6.38E-01
838	497316.28, 3862793.93	33.84357	12.44982	2.53E+00	3.43E+00	3.79E+00	9.29E-01	1.26E+00	1.40E+00
839	497316.28, 3862893.93	28.39071	10.37093	2.12E+00	2.88E+00	3.18E+00	7.74E-01	1.05E+00	1.16E+00
840	497316.28, 3862993.93	24.72201	8.96153	1.85E+00	2.51E+00	2.77E+00	6.69E-01	9.09E-01	1.00E+00
841	497316.28, 3863093.93	21.8265	7.93517	1.63E+00	2.21E+00	2.45E+00	5.92E-01	8.05E-01	8.89E-01

842	497316.28, 3863193.93	19.19792	7.11625	1.43E+00	1.95E+00	2.15E+00	5.31E-01	7.22E-01	7.98E-01
843	497316.28, 3863293.93	16.9085	6.44378	1.26E+00	1.72E+00	1.90E+00	4.81E-01	6.54E-01	7.22E-01
844	497316.28, 3863393.93	15.27791	5.84642	1.14E+00	1.55E+00	1.71E+00	4.36E-01	5.93E-01	6.55E-01
845	497416.28, 3862793.93	36.77695	12.99287	2.75E+00	3.73E+00	4.12E+00	9.70E-01	1.32E+00	1.46E+00
846	497416.28, 3862893.93	29.27791	10.66262	2.19E+00	2.97E+00	3.28E+00	7.96E-01	1.08E+00	1.20E+00
847	497416.28, 3862993.93	25.5798	9.18308	1.91E+00	2.59E+00	2.87E+00	6.86E-01	9.32E-01	1.03E+00
848	497416.28, 3863093.93	22.49488	8.08323	1.68E+00	2.28E+00	2.52E+00	6.03E-01	8.20E-01	9.06E-01
849	497416.28, 3863193.93	19.85754	7.23501	1.48E+00	2.01E+00	2.23E+00	5.40E-01	7.34E-01	8.11E-01
850	497416.28, 3863293.93	17.45958	6.56663	1.30E+00	1.77E+00	1.96E+00	4.90E-01	6.66E-01	7.36E-01
851	497416.28, 3863393.93	15.58935	5.9712	1.16E+00	1.58E+00	1.75E+00	4.46E-01	6.06E-01	6.69E-01
852	497516.28, 3862693.93	53.92121	17.33152	4.03E+00	5.47E+00	6.04E+00	1.29E+00	1.76E+00	1.94E+00
853	497516.28, 3862793.93	39.60573	13.52887	2.96E+00	4.02E+00	4.44E+00	1.01E+00	1.37E+00	1.52E+00
854	497516.28, 3862893.93	30.27522	11.06633	2.26E+00	3.07E+00	3.39E+00	8.26E-01	1.12E+00	1.24E+00
855	497516.28, 3862993.93	26.74001	9.56136	2.00E+00	2.71E+00	3.00E+00	7.14E-01	9.70E-01	1.07E+00
856	497516.28, 3863093.93	23.04223	8.18607	1.72E+00	2.34E+00	2.58E+00	6.11E-01	8.30E-01	9.18E-01
857	497516.28, 3863193.93	20.51799	7.36123	1.53E+00	2.08E+00	2.30E+00	5.50E-01	7.47E-01	8.25E-01
858	497516.28, 3863293.93	18.08618	6.65364	1.35E+00	1.83E+00	2.03E+00	4.97E-01	6.75E-01	7.46E-01
859	497516.28, 3863393.93	16.03735	6.0889	1.20E+00	1.63E+00	1.80E+00	4.55E-01	6.18E-01	6.83E-01
860	497616.28, 3862693.93	56.55697	14.99155	4.22E+00	5.74E+00	6.34E+00	1.12E+00	1.52E+00	1.68E+00
861	497616.28, 3862793.93	42.14539	13.32521	3.15E+00	4.28E+00	4.72E+00	9.95E-01	1.35E+00	1.49E+00
862	497616.28, 3862893.93	32.23726	11.34532	2.41E+00	3.27E+00	3.61E+00	8.47E-01	1.15E+00	1.27E+00
863	497616.28, 3862993.93	27.54257	9.8231	2.06E+00	2.79E+00	3.09E+00	7.33E-01	9.96E-01	1.10E+00
864	497616.28, 3863093.93	23.80913	8.36531	1.78E+00	2.42E+00	2.67E+00	6.24E-01	8.49E-01	9.38E-01
865	497616.28, 3863193.93	21.22067	7.51673	1.58E+00	2.15E+00	2.38E+00	5.61E-01	7.63E-01	8.43E-01
866	497616.28, 3863293.93	18.70139	6.74276	1.40E+00	1.90E+00	2.10E+00	5.03E-01	6.84E-01	7.56E-01
867	497616.28, 3863393.93	16.56784	6.19133	1.24E+00	1.68E+00	1.86E+00	4.62E-01	6.28E-01	6.94E-01
868	497716.28, 3862693.93	59.75911	14.53636	4.46E+00	6.06E+00	6.70E+00	1.09E+00	1.47E+00	1.63E+00
869	497716.28, 3862793.93	44.54601	12.6273	3.33E+00	4.52E+00	4.99E+00	9.43E-01	1.28E+00	1.42E+00
870	497716.28, 3862893.93	34.61971	10.98858	2.58E+00	3.51E+00	3.88E+00	8.20E-01	1.11E+00	1.23E+00
871	497716.28, 3862993.93	28.25798	9.9058	2.11E+00	2.87E+00	3.17E+00	7.39E-01	1.00E+00	1.11E+00
872	497716.28, 3863093.93	24.61559	8.54671	1.84E+00	2.50E+00	2.76E+00	6.38E-01	8.67E-01	9.58E-01
873	497716.28, 3863193.93	21.85982	7.65082	1.63E+00	2.22E+00	2.45E+00	5.71E-01	7.76E-01	8.58E-01
874	497716.28, 3863293.93	19.39743	6.87901	1.45E+00	1.97E+00	2.17E+00	5.14E-01	6.98E-01	7.71E-01
875	497716.28, 3863393.93	17.18048	6.27877	1.28E+00	1.74E+00	1.93E+00	4.69E-01	6.37E-01	7.04E-01
876	497816.28, 3862693.93	61.22335	14.44355	4.57E+00	6.21E+00	6.86E+00	1.08E+00	1.47E+00	1.62E+00
877	497816.28, 3862793.93	46.88432	12.29323	3.50E+00	4.76E+00	5.26E+00	9.18E-01	1.25E+00	1.38E+00
878	497816.28, 3862893.93	36.78521	11.13888	2.75E+00	3.73E+00	4.12E+00	8.32E-01	1.13E+00	1.25E+00
879	497816.28, 3862993.93	29.19779	9.93485	2.18E+00	2.96E+00	3.27E+00	7.42E-01	1.01E+00	1.11E+00
880	497816.28, 3863093.93	25.3394	8.53537	1.89E+00	2.57E+00	2.84E+00	6.37E-01	8.66E-01	9.57E-01
881	497816.28, 3863193.93	22.51413	7.68336	1.68E+00	2.28E+00	2.52E+00	5.74E-01	7.79E-01	8.61E-01
882	497816.28, 3863293.93	20.03659	6.97813	1.50E+00	2.03E+00	2.25E+00	5.21E-01	7.08E-01	7.82E-01
883	497816.28, 3863393.93	17.79889	6.3615	1.33E+00	1.81E+00	2.00E+00	4.75E-01	6.45E-01	7.13E-01
884	497916.28, 3862693.93	61.66714	13.57144	4.60E+00	6.26E+00	6.91E+00	1.01E+00	1.38E+00	1.52E+00
885	497916.28, 3862793.93	48.27685	11.42786	3.60E+00	4.90E+00	5.41E+00	8.53E-01	1.16E+00	1.28E+00
886	497916.28, 3862893.93	39.03352	11.20269	2.91E+00	3.96E+00	4.38E+00	8.36E-01	1.14E+00	1.26E+00
887	497916.28, 3862993.93	31.18897	10.13756	2.33E+00	3.16E+00	3.50E+00	7.57E-01	1.03E+00	1.14E+00
888	497916.28, 3863093.93	26.07557	8.85203	1.95E+00	2.65E+00	2.92E+00	6.61E-01	8.98E-01	9.92E-01
889	497916.28, 3863193.93	23.11949	7.62752	1.73E+00	2.35E+00	2.59E+00	5.69E-01	7.74E-01	8.55E-01
890	497916.28, 3863293.93	20.56191	6.93796	1.53E+00	2.09E+00	2.30E+00	5.18E-01	7.04E-01	7.78E-01
891	497916.28, 3863393.93	18.38816	6.40337	1.37E+00	1.87E+00	2.06E+00	4.78E-01	6.50E-01	7.18E-01
892	498016.28, 3862693.93	63.6208	14.05312	4.75E+00	6.45E+00	7.13E+00	1.05E+00	1.43E+00	1.58E+00
893	498016.28, 3862793.93	51.03025	11.96814	3.81E+00	5.18E+00	5.72E+00	8.93E-01	1.21E+00	1.34E+00
894	498016.28, 3862893.93	41.14119	10.69431	3.07E+00	4.17E+00	4.61E+00	7.98E-01	1.08E+00	1.20E+00
895	498016.28, 3862993.93	33.37978	10.2523	2.49E+00	3.39E+00	3.74E+00	7.65E-01	1.04E+00	1.15E+00
896	498016.28, 3863093.93	26.63577	9.08237	1.99E+00	2.70E+00	2.99E+00	6.78E-01	9.21E-01	1.02E+00
897	498016.28, 3863193.93	23.74778	7.90828	1.77E+00	2.41E+00	2.66E+00	5.90E-01	8.02E-01	8.86E-01
898	498016.28, 3863293.93	21.07923	6.80357	1.57E+00	2.14E+00	2.36E+00	5.08E-01	6.90E-01	7.63E-01
899	498016.28, 3863393.93	18.94084	6.32572	1.41E+00	1.92E+00	2.12E+00	4.72E-01	6.42E-01	7.09E-01
900	498116.28, 3862693.93	62.0205	15.32149	4.63E+00	6.29E+00	6.95E+00	1.14E+00	1.55E+00	1.72E+00
901	498116.28, 3862793.93	50.96861	11.33479	3.80E+00	5.17E+00	5.71E+00	8.46E-01	1.15E+00	1.27E+00
902	498116.28, 3862893.93	42.84876	9.76231	3.20E+00	4.35E+00	4.80E+00	7.29E-01	9.90E-01	1.09E+00
903	498116.28, 3862993.93	34.79535	9.91221	2.60E+00	3.53E+00	3.90E+00	7.40E-01	1.01E+00	1.11E+00
904	498116.28, 3863093.93	27.63787	9.14499	2.06E+00	2.80E+00	3.10E+00	6.83E-01	9.28E-01	1.03E+00
905	498116.28, 3863193.93	24.14	8.12129	1.80E+00	2.45E+00	2.71E+00	6.06E-01	8.24E-01	9.10E-01
906	498116.28, 3863293.93	21.77619	7.10008	1.63E+00	2.21E+00	2.44E+00	5.30E-01	7.20E-01	7.96E-01

907	498116.28, 3863393.93	19.37248	6.09934	1.45E+00	1.97E+00	2.17E+00	4.55E-01	6.19E-01	6.84E-01
908	498216.28, 3862693.93	58.36739	16.15676	4.36E+00	5.92E+00	6.54E+00	1.21E+00	1.64E+00	1.81E+00
909	498216.28, 3862793.93	50.55827	10.94705	3.77E+00	5.13E+00	5.67E+00	8.17E-01	1.11E+00	1.23E+00
910	498216.28, 3862893.93	42.65443	9.74491	3.18E+00	4.33E+00	4.78E+00	7.27E-01	9.89E-01	1.09E+00
911	498216.28, 3862993.93	36.32316	9.3341	2.71E+00	3.68E+00	4.07E+00	6.97E-01	9.47E-01	1.05E+00
912	498216.28, 3863093.93	29.45871	9.08935	2.20E+00	2.99E+00	3.30E+00	6.79E-01	9.22E-01	1.02E+00
913	498216.28, 3863193.93	24.45434	8.29525	1.83E+00	2.48E+00	2.74E+00	6.19E-01	8.41E-01	9.30E-01
914	498216.28, 3863293.93	22.32996	7.35096	1.67E+00	2.27E+00	2.50E+00	5.49E-01	7.46E-01	8.24E-01
915	498216.28, 3863393.93	19.99121	6.37501	1.49E+00	2.03E+00	2.24E+00	4.76E-01	6.47E-01	7.15E-01
916	498316.28, 3862693.93	53.02896	16.34983	3.96E+00	5.38E+00	5.94E+00	1.22E+00	1.66E+00	1.83E+00
917	498316.28, 3862793.93	49.06651	10.56617	3.66E+00	4.98E+00	5.50E+00	7.89E-01	1.07E+00	1.18E+00
918	498316.28, 3862893.93	42.35285	9.51942	3.16E+00	4.30E+00	4.75E+00	7.11E-01	9.66E-01	1.07E+00
919	498316.28, 3862993.93	37.09445	8.32282	2.77E+00	3.76E+00	4.16E+00	6.21E-01	8.44E-01	9.33E-01
920	498316.28, 3863093.93	30.99089	8.75043	2.31E+00	3.14E+00	3.47E+00	6.53E-01	8.88E-01	9.81E-01
921	498316.28, 3863193.93	25.17235	8.30868	1.88E+00	2.55E+00	2.82E+00	6.20E-01	8.43E-01	9.31E-01
922	498316.28, 3863293.93	22.5284	7.49317	1.68E+00	2.29E+00	2.53E+00	5.59E-01	7.60E-01	8.40E-01
923	498316.28, 3863393.93	20.45198	6.5961	1.53E+00	2.07E+00	2.29E+00	4.92E-01	6.69E-01	7.39E-01
924	498416.28, 3862593.93	42.87254	14.75069	3.20E+00	4.35E+00	4.81E+00	1.10E+00	1.50E+00	1.65E+00
925	498416.28, 3862693.93	48.04115	16.05883	3.59E+00	4.87E+00	5.38E+00	1.20E+00	1.63E+00	1.80E+00
926	498416.28, 3862793.93	49.38295	11.0105	3.69E+00	5.01E+00	5.54E+00	8.22E-01	1.12E+00	1.23E+00
927	498416.28, 3862893.93	42.25685	9.14712	3.15E+00	4.29E+00	4.74E+00	6.83E-01	9.28E-01	1.03E+00
928	498416.28, 3862993.93	37.33562	8.3667	2.79E+00	3.79E+00	4.18E+00	6.25E-01	8.49E-01	9.38E-01
929	498416.28, 3863093.93	31.99364	8.09351	2.39E+00	3.25E+00	3.59E+00	6.04E-01	8.21E-01	9.07E-01
930	498416.28, 3863193.93	26.41687	8.17229	1.97E+00	2.68E+00	2.96E+00	6.10E-01	8.29E-01	9.16E-01
931	498416.28, 3863293.93	22.75575	7.6085	1.70E+00	2.31E+00	2.55E+00	5.68E-01	7.72E-01	8.53E-01
932	498416.28, 3863393.93	20.89335	6.80184	1.56E+00	2.12E+00	2.34E+00	5.08E-01	6.90E-01	7.62E-01
933	498516.28, 3862593.93	38.61959	13.26819	2.88E+00	3.92E+00	4.33E+00	9.90E-01	1.35E+00	1.49E+00
934	498516.28, 3862693.93	44.62194	15.34806	3.33E+00	4.53E+00	5.00E+00	1.15E+00	1.56E+00	1.72E+00
935	498516.28, 3862793.93	47.31606	11.7125	3.53E+00	4.80E+00	5.30E+00	8.74E-01	1.19E+00	1.31E+00
936	498516.28, 3862893.93	41.74859	8.95257	3.12E+00	4.24E+00	4.68E+00	6.68E-01	9.08E-01	1.00E+00
937	498516.28, 3862993.93	36.66992	8.1464	2.74E+00	3.72E+00	4.11E+00	6.08E-01	8.26E-01	9.13E-01
938	498516.28, 3863093.93	32.47828	7.26433	2.42E+00	3.29E+00	3.64E+00	5.42E-01	7.37E-01	8.14E-01
939	498516.28, 3863193.93	27.96539	7.84872	2.09E+00	2.84E+00	3.13E+00	5.86E-01	7.96E-01	8.80E-01
940	498516.28, 3863293.93	23.10891	7.5402	1.73E+00	2.34E+00	2.59E+00	5.63E-01	7.65E-01	8.45E-01
941	498516.28, 3863393.93	21.15112	6.93463	1.58E+00	2.15E+00	2.37E+00	5.18E-01	7.03E-01	7.77E-01
942	498616.28, 3862593.93	36.19734	12.12931	2.70E+00	3.67E+00	4.06E+00	9.05E-01	1.23E+00	1.36E+00
943	498616.28, 3862693.93	42.3543	14.49108	3.16E+00	4.30E+00	4.75E+00	1.08E+00	1.47E+00	1.62E+00
944	498616.28, 3862793.93	45.21839	12.34471	3.38E+00	4.59E+00	5.07E+00	9.22E-01	1.25E+00	1.38E+00
945	498616.28, 3862893.93	40.42526	8.50037	3.02E+00	4.10E+00	4.53E+00	6.35E-01	8.62E-01	9.53E-01
946	498616.28, 3862993.93	35.90873	7.82141	2.68E+00	3.64E+00	4.02E+00	5.84E-01	7.93E-01	8.77E-01
947	498616.28, 3863093.93	33.04914	7.29114	2.47E+00	3.35E+00	3.70E+00	5.44E-01	7.40E-01	8.17E-01
948	498616.28, 3863193.93	28.71996	7.2058	2.14E+00	2.91E+00	3.22E+00	5.38E-01	7.31E-01	8.08E-01
949	498616.28, 3863293.93	23.76535	7.37156	1.77E+00	2.41E+00	2.66E+00	5.50E-01	7.48E-01	8.26E-01
950	498616.28, 3863393.93	21.15985	6.95867	1.58E+00	2.15E+00	2.37E+00	5.19E-01	7.06E-01	7.80E-01

		PM10	PM10	Annual			24 HR		
		Period	24 hr	2028	2033	2048	2028	2033	2048
		Concentration [ug/m^3] at 1 Rates (g/s):		5.23E-03	6.82E-03	5.57E-03	5.23E-03	6.82E-03	5.57E-03
	X, Y	SLINE1	SLINE1						
1	492865.26, 3860327.3	0.09408	0.9795	4.92E-04	6.42E-04	5.24E-04	5.13E-03	6.68E-03	5.45E-03
2	492865.26, 3860377.3	0.10741	1.0995	5.62E-04	7.33E-04	5.98E-04	5.75E-03	7.50E-03	6.12E-03
3	492865.26, 3860427.3	0.12293	1.28233	6.43E-04	8.38E-04	6.84E-04	6.71E-03	8.75E-03	7.14E-03
4	492915.26, 3860327.3	0.09072	0.89004	4.75E-04	6.19E-04	5.05E-04	4.66E-03	6.07E-03	4.95E-03
5	492915.26, 3860377.3	0.10579	1.07472	5.54E-04	7.22E-04	5.89E-04	5.62E-03	7.33E-03	5.98E-03
6	492915.26, 3860427.3	0.12301	1.29579	6.44E-04	8.39E-04	6.85E-04	6.78E-03	8.84E-03	7.21E-03
7	492965.26, 3860327.3	0.08494	0.79882	4.45E-04	5.79E-04	4.73E-04	4.18E-03	5.45E-03	4.45E-03
8	492965.26, 3860377.3	0.09742	0.95159	5.10E-04	6.64E-04	5.42E-04	4.98E-03	6.49E-03	5.30E-03
9	492965.26, 3860427.3	0.11928	1.25097	6.24E-04	8.14E-04	6.64E-04	6.55E-03	8.53E-03	6.96E-03
10	493015.26, 3860327.3	0.07745	0.67258	4.05E-04	5.28E-04	4.31E-04	3.52E-03	4.59E-03	3.74E-03
11	493015.26, 3860377.3	0.08991	0.82591	4.71E-04	6.13E-04	5.00E-04	4.32E-03	5.63E-03	4.60E-03
12	493015.26, 3860427.3	0.10931	1.0909	5.72E-04	7.46E-04	6.08E-04	5.71E-03	7.44E-03	6.07E-03
13	493065.26, 3860327.3	0.07155	0.608	3.74E-04	4.88E-04	3.98E-04	3.18E-03	4.15E-03	3.38E-03
14	493065.26, 3860377.3	0.0833	0.69713	4.36E-04	5.68E-04	4.64E-04	3.65E-03	4.76E-03	3.88E-03
15	493065.26, 3860427.3	0.10728	1.02382	5.61E-04	7.32E-04	5.97E-04	5.36E-03	6.98E-03	5.70E-03
16	493065.26, 3860477.3	0.13591	1.34198	7.11E-04	9.27E-04	7.56E-04	7.02E-03	9.15E-03	7.47E-03
17	493115.26, 3860327.3	0.07064	0.57721	3.70E-04	4.82E-04	3.93E-04	3.02E-03	3.94E-03	3.21E-03
18	493115.26, 3860377.3	0.0859	0.72465	4.50E-04	5.86E-04	4.78E-04	3.79E-03	4.94E-03	4.03E-03
19	493115.26, 3860427.3	0.1078	0.9907	5.64E-04	7.35E-04	6.00E-04	5.18E-03	6.76E-03	5.51E-03
20	493115.26, 3860477.3	0.13529	1.27104	7.08E-04	9.23E-04	7.53E-04	6.65E-03	8.67E-03	7.07E-03
21	493165.26, 3860327.3	0.07719	0.61592	4.04E-04	5.27E-04	4.30E-04	3.22E-03	4.20E-03	3.43E-03
22	493165.26, 3860377.3	0.09255	0.80399	4.84E-04	6.31E-04	5.15E-04	4.21E-03	5.48E-03	4.47E-03
23	493165.26, 3860427.3	0.11675	1.09745	6.11E-04	7.96E-04	6.50E-04	5.74E-03	7.49E-03	6.11E-03
24	493165.26, 3860477.3	0.14042	1.26863	7.35E-04	9.58E-04	7.82E-04	6.64E-03	8.65E-03	7.06E-03
25	493215.26, 3860327.3	0.08491	0.72611	4.44E-04	5.79E-04	4.73E-04	3.80E-03	4.95E-03	4.04E-03
26	493215.26, 3860377.3	0.10047	0.9091	5.26E-04	6.85E-04	5.59E-04	4.76E-03	6.20E-03	5.06E-03
27	493215.26, 3860427.3	0.11655	1.02756	6.10E-04	7.95E-04	6.49E-04	5.38E-03	7.01E-03	5.72E-03
28	493215.26, 3860477.3	0.13794	1.14419	7.22E-04	9.41E-04	7.68E-04	5.99E-03	7.80E-03	6.37E-03
29	493265.26, 3860327.3	0.0837	0.6803	4.38E-04	5.71E-04	4.66E-04	3.56E-03	4.64E-03	3.79E-03
30	493265.26, 3860377.3	0.09381	0.7472	4.91E-04	6.40E-04	5.22E-04	3.91E-03	5.10E-03	4.16E-03
31	493265.26, 3860427.3	0.11039	0.85629	5.78E-04	7.53E-04	6.14E-04	4.48E-03	5.84E-03	4.77E-03
32	493265.26, 3860477.3	0.13477	1.01261	7.05E-04	9.19E-04	7.50E-04	5.30E-03	6.91E-03	5.64E-03
33	493265.26, 3860527.3	0.15789	1.06889	8.26E-04	1.08E-03	8.79E-04	5.59E-03	7.29E-03	5.95E-03
34	493315.26, 3860327.3	0.08071	0.61394	4.22E-04	5.51E-04	4.49E-04	3.21E-03	4.19E-03	3.42E-03
35	493315.26, 3860377.3	0.09366	0.69366	4.90E-04	6.39E-04	5.21E-04	3.63E-03	4.73E-03	3.86E-03
36	493315.26, 3860427.3	0.10656	0.72866	5.58E-04	7.27E-04	5.93E-04	3.81E-03	4.97E-03	4.06E-03
37	493315.26, 3860477.3	0.13126	0.88448	6.87E-04	8.95E-04	7.31E-04	4.63E-03	6.03E-03	4.92E-03
38	493315.26, 3860527.3	0.15586	0.96646	8.16E-04	1.06E-03	8.67E-04	5.06E-03	6.59E-03	5.38E-03
39	493365.26, 3860327.3	0.07966	0.59419	4.17E-04	5.43E-04	4.43E-04	3.11E-03	4.05E-03	3.31E-03
40	493365.26, 3860377.3	0.09251	0.65748	4.84E-04	6.31E-04	5.15E-04	3.44E-03	4.48E-03	3.66E-03
41	493365.26, 3860427.3	0.10826	0.71111	5.67E-04	7.38E-04	6.03E-04	3.72E-03	4.85E-03	3.96E-03
42	493365.26, 3860477.3	0.13282	0.83719	6.95E-04	9.06E-04	7.39E-04	4.38E-03	5.71E-03	4.66E-03
43	493365.26, 3860527.3	0.16276	0.99915	8.52E-04	1.11E-03	9.06E-04	5.23E-03	6.82E-03	5.56E-03
44	493651.76, 3860323.73	0.09586	0.66293	5.02E-04	6.54E-04	5.34E-04	3.47E-03	4.52E-03	3.69E-03
45	493651.76, 3860373.73	0.11141	0.74418	5.83E-04	7.60E-04	6.20E-04	3.89E-03	5.08E-03	4.14E-03
46	493651.76, 3860423.73	0.12966	0.83068	6.79E-04	8.84E-04	7.22E-04	4.35E-03	5.67E-03	4.62E-03
47	493651.76, 3860473.73	0.15078	0.92511	7.89E-04	1.03E-03	8.39E-04	4.84E-03	6.31E-03	5.15E-03
48	493651.76, 3860523.73	0.17581	1.06622	9.20E-04	1.20E-03	9.78E-04	5.58E-03	7.27E-03	5.93E-03
49	493651.76, 3860573.73	0.20606	1.23209	1.08E-03	1.41E-03	1.15E-03	6.45E-03	8.40E-03	6.86E-03
50	493651.76, 3860623.73	0.24157	1.38542	1.26E-03	1.65E-03	1.34E-03	7.25E-03	9.45E-03	7.71E-03
51	493701.76, 3860323.73	0.09676	0.64666	5.06E-04	6.60E-04	5.39E-04	3.38E-03	4.41E-03	3.60E-03
52	493701.76, 3860373.73	0.11058	0.70587	5.79E-04	7.54E-04	6.15E-04	3.69E-03	4.81E-03	3.93E-03
53	493701.76, 3860423.73	0.13296	0.84499	6.96E-04	9.07E-04	7.40E-04	4.42E-03	5.76E-03	4.70E-03
54	493701.76, 3860473.73	0.15219	0.92342	7.96E-04	1.04E-03	8.47E-04	4.83E-03	6.30E-03	5.14E-03
55	493701.76, 3860523.73	0.17777	1.08077	9.30E-04	1.21E-03	9.89E-04	5.66E-03	7.37E-03	6.02E-03
56	493701.76, 3860573.73	0.21462	1.31179	1.12E-03	1.46E-03	1.19E-03	6.87E-03	8.95E-03	7.30E-03
57	493701.76, 3860623.73	0.25492	1.51539	1.33E-03	1.74E-03	1.42E-03	7.93E-03	1.03E-02	8.43E-03
58	493701.76, 3860673.73	0.29213	1.62583	1.53E-03	1.99E-03	1.63E-03	8.51E-03	1.11E-02	9.05E-03

59	493751.76, 3860323.73	0.0974	0.63045	5.10E-04	6.64E-04	5.42E-04	3.30E-03	4.30E-03	3.51E-03
60	493751.76, 3860373.73	0.11321	0.71749	5.92E-04	7.72E-04	6.30E-04	3.75E-03	4.89E-03	3.99E-03
61	493751.76, 3860423.73	0.13343	0.80665	6.98E-04	9.10E-04	7.43E-04	4.22E-03	5.50E-03	4.49E-03
62	493751.76, 3860473.73	0.15793	0.97571	8.27E-04	1.08E-03	8.79E-04	5.11E-03	6.66E-03	5.43E-03
63	493751.76, 3860523.73	0.1813	1.11166	9.49E-04	1.24E-03	1.01E-03	5.82E-03	7.58E-03	6.19E-03
64	493751.76, 3860573.73	0.21323	1.29035	1.12E-03	1.45E-03	1.19E-03	6.75E-03	8.80E-03	7.18E-03
65	493751.76, 3860623.73	0.25065	1.46584	1.31E-03	1.71E-03	1.40E-03	7.67E-03	1.00E-02	8.16E-03
66	493801.76, 3860323.73	0.098	0.61934	5.13E-04	6.68E-04	5.45E-04	3.24E-03	4.22E-03	3.45E-03
67	493801.76, 3860373.73	0.11426	0.70743	5.98E-04	7.79E-04	6.36E-04	3.70E-03	4.83E-03	3.94E-03
68	493801.76, 3860423.73	0.13391	0.80583	7.01E-04	9.13E-04	7.45E-04	4.22E-03	5.50E-03	4.48E-03
69	493801.76, 3860473.73	0.15561	0.94645	8.14E-04	1.06E-03	8.66E-04	4.95E-03	6.46E-03	5.27E-03
70	493801.76, 3860523.73	0.1795	1.08872	9.39E-04	1.22E-03	9.99E-04	5.70E-03	7.43E-03	6.06E-03
71	493801.76, 3860573.73	0.20929	1.2441	1.10E-03	1.43E-03	1.16E-03	6.51E-03	8.49E-03	6.92E-03
72	493801.76, 3860623.73	0.24494	1.40294	1.28E-03	1.67E-03	1.36E-03	7.34E-03	9.57E-03	7.81E-03
73	493851.76, 3860323.73	0.0983	0.60407	5.14E-04	6.70E-04	5.47E-04	3.16E-03	4.12E-03	3.36E-03
74	493851.76, 3860373.73	0.11431	0.68463	5.98E-04	7.80E-04	6.36E-04	3.58E-03	4.67E-03	3.81E-03
75	493851.76, 3860423.73	0.13058	0.76584	6.83E-04	8.91E-04	7.27E-04	4.01E-03	5.22E-03	4.26E-03
76	493851.76, 3860473.73	0.15654	0.95387	8.19E-04	1.07E-03	8.71E-04	4.99E-03	6.51E-03	5.31E-03
77	493851.76, 3860523.73	0.17985	1.08938	9.41E-04	1.23E-03	1.00E-03	5.70E-03	7.43E-03	6.06E-03
78	493851.76, 3860573.73	0.20992	1.24581	1.10E-03	1.43E-03	1.17E-03	6.52E-03	8.50E-03	6.93E-03
79	493851.76, 3860623.73	0.23962	1.34634	1.25E-03	1.63E-03	1.33E-03	7.05E-03	9.18E-03	7.49E-03
80	493901.76, 3860323.73	0.10004	0.60942	5.24E-04	6.82E-04	5.57E-04	3.19E-03	4.16E-03	3.39E-03
81	493901.76, 3860373.73	0.11323	0.65552	5.93E-04	7.72E-04	6.30E-04	3.43E-03	4.47E-03	3.65E-03
82	493901.76, 3860423.73	0.13096	0.76768	6.85E-04	8.93E-04	7.29E-04	4.02E-03	5.24E-03	4.27E-03
83	493901.76, 3860473.73	0.15145	0.90323	7.93E-04	1.03E-03	8.43E-04	4.73E-03	6.16E-03	5.03E-03
84	493901.76, 3860523.73	0.17049	0.99661	8.92E-04	1.16E-03	9.49E-04	5.22E-03	6.80E-03	5.55E-03
85	493901.76, 3860573.73	0.20218	1.16599	1.06E-03	1.38E-03	1.13E-03	6.10E-03	7.95E-03	6.49E-03
86	493901.76, 3860623.73	0.23657	1.31386	1.24E-03	1.61E-03	1.32E-03	6.88E-03	8.96E-03	7.31E-03
87	493951.76, 3860323.73	0.09709	0.55563	5.08E-04	6.62E-04	5.40E-04	2.91E-03	3.79E-03	3.09E-03
88	493951.76, 3860373.73	0.11124	0.63103	5.82E-04	7.59E-04	6.19E-04	3.30E-03	4.30E-03	3.51E-03
89	493951.76, 3860423.73	0.12827	0.74224	6.71E-04	8.75E-04	7.14E-04	3.88E-03	5.06E-03	4.13E-03
90	493951.76, 3860473.73	0.14736	0.86523	7.71E-04	1.01E-03	8.20E-04	4.53E-03	5.90E-03	4.82E-03
91	493951.76, 3860523.73	0.17156	1.00565	8.98E-04	1.17E-03	9.55E-04	5.26E-03	6.86E-03	5.60E-03
92	493951.76, 3860573.73	0.20295	1.16996	1.06E-03	1.38E-03	1.13E-03	6.12E-03	7.98E-03	6.51E-03
93	493951.76, 3860623.73	0.23419	1.28844	1.23E-03	1.60E-03	1.30E-03	6.74E-03	8.79E-03	7.17E-03
94	494001.76, 3860323.73	0.09524	0.52935	4.98E-04	6.50E-04	5.30E-04	2.77E-03	3.61E-03	2.95E-03
95	494001.76, 3860373.73	0.10906	0.60862	5.71E-04	7.44E-04	6.07E-04	3.19E-03	4.15E-03	3.39E-03
96	494001.76, 3860423.73	0.1291	0.75253	6.76E-04	8.81E-04	7.19E-04	3.94E-03	5.13E-03	4.19E-03
97	494001.76, 3860473.73	0.14811	0.87413	7.75E-04	1.01E-03	8.24E-04	4.57E-03	5.96E-03	4.87E-03
98	494001.76, 3860523.73	0.17363	1.02414	9.09E-04	1.18E-03	9.66E-04	5.36E-03	6.99E-03	5.70E-03
99	494001.76, 3860573.73	0.2003	1.14103	1.05E-03	1.37E-03	1.11E-03	5.97E-03	7.78E-03	6.35E-03
100	494001.76, 3860623.73	0.22901	1.23704	1.20E-03	1.56E-03	1.27E-03	6.47E-03	8.44E-03	6.88E-03
101	494001.76, 3860673.73	0.27007	1.42044	1.41E-03	1.84E-03	1.50E-03	7.43E-03	9.69E-03	7.91E-03
102	494051.76, 3860323.73	0.09473	0.51901	4.96E-04	6.46E-04	5.27E-04	2.72E-03	3.54E-03	2.89E-03
103	494051.76, 3860373.73	0.10916	0.61022	5.71E-04	7.45E-04	6.08E-04	3.19E-03	4.16E-03	3.40E-03
104	494051.76, 3860423.73	0.12585	0.72527	6.59E-04	8.58E-04	7.00E-04	3.80E-03	4.95E-03	4.04E-03
105	494051.76, 3860473.73	0.14711	0.86646	7.70E-04	1.00E-03	8.19E-04	4.53E-03	5.91E-03	4.82E-03
106	494169.47, 3860896.29	0.45972	2.16361	2.41E-03	3.14E-03	2.56E-03	1.13E-02	1.48E-02	1.20E-02
107	494169.47, 3860946.29	0.51859	2.43765	2.71E-03	3.54E-03	2.89E-03	1.28E-02	1.66E-02	1.36E-02
108	494169.47, 3860996.29	0.58693	2.738	3.07E-03	4.00E-03	3.27E-03	1.43E-02	1.87E-02	1.52E-02
109	494169.47, 3861046.29	0.66516	3.06466	3.48E-03	4.54E-03	3.70E-03	1.60E-02	2.09E-02	1.71E-02
110	494407.04, 3860789.65	0.32615	1.46315	1.71E-03	2.22E-03	1.82E-03	7.66E-03	9.98E-03	8.14E-03
111	494407.04, 3860889.65	0.41911	1.89303	2.19E-03	2.86E-03	2.33E-03	9.91E-03	1.29E-02	1.05E-02
112	494407.04, 3860989.65	0.53076	2.40392	2.78E-03	3.62E-03	2.95E-03	1.26E-02	1.64E-02	1.34E-02
113	494407.04, 3861089.65	0.67043	2.94904	3.51E-03	4.57E-03	3.73E-03	1.54E-02	2.01E-02	1.64E-02
114	494507.04, 3860789.65	0.31731	1.41001	1.66E-03	2.16E-03	1.77E-03	7.38E-03	9.62E-03	7.85E-03
115	494507.04, 3860889.65	0.4017	1.79018	2.10E-03	2.74E-03	2.24E-03	9.37E-03	1.22E-02	9.96E-03
116	494507.04, 3860989.65	0.50561	2.24579	2.65E-03	3.45E-03	2.81E-03	1.18E-02	1.53E-02	1.25E-02
117	494507.04, 3861089.65	0.63862	2.81496	3.34E-03	4.36E-03	3.55E-03	1.47E-02	1.92E-02	1.57E-02
118	494507.04, 3861189.65	0.8029	3.50847	4.20E-03	5.48E-03	4.47E-03	1.84E-02	2.39E-02	1.95E-02
119	494607.04, 3860789.65	0.32243	1.48047	1.69E-03	2.20E-03	1.79E-03	7.75E-03	1.01E-02	8.24E-03
120	494607.04, 3860889.65	0.39366	1.77226	2.06E-03	2.69E-03	2.19E-03	9.28E-03	1.21E-02	9.86E-03

121	494607.04, 3860989.65	0.48957	2.16701	2.56E-03	3.34E-03	2.72E-03	1.13E-02	1.48E-02	1.21E-02
122	494607.04, 3861089.65	0.61839	2.74078	3.24E-03	4.22E-03	3.44E-03	1.43E-02	1.87E-02	1.53E-02
123	494607.04, 3861189.65	0.77518	3.39722	4.06E-03	5.29E-03	4.31E-03	1.78E-02	2.32E-02	1.89E-02
124	494707.04, 3860789.65	0.30579	1.35257	1.60E-03	2.09E-03	1.70E-03	7.08E-03	9.23E-03	7.53E-03
125	494707.04, 3860889.65	0.38643	1.75518	2.02E-03	2.64E-03	2.15E-03	9.19E-03	1.20E-02	9.77E-03
126	494707.04, 3860989.65	0.48445	2.18885	2.54E-03	3.30E-03	2.70E-03	1.15E-02	1.49E-02	1.22E-02
127	494707.04, 3861089.65	0.59534	2.65434	3.12E-03	4.06E-03	3.31E-03	1.39E-02	1.81E-02	1.48E-02
128	494707.04, 3861189.65	0.75174	3.3015	3.93E-03	5.13E-03	4.18E-03	1.73E-02	2.25E-02	1.84E-02
129	494807.04, 3860789.65	0.30679	1.40327	1.61E-03	2.09E-03	1.71E-03	7.34E-03	9.57E-03	7.81E-03
130	494807.04, 3860889.65	0.38236	1.76081	2.00E-03	2.61E-03	2.13E-03	9.22E-03	1.20E-02	9.80E-03
131	494807.04, 3860989.65	0.46859	2.09958	2.45E-03	3.20E-03	2.61E-03	1.10E-02	1.43E-02	1.17E-02
132	494807.04, 3861089.65	0.57728	2.58576	3.02E-03	3.94E-03	3.21E-03	1.35E-02	1.76E-02	1.44E-02
133	494807.04, 3861189.65	0.70576	3.14008	3.69E-03	4.81E-03	3.93E-03	1.64E-02	2.14E-02	1.75E-02
134	494807.04, 3861289.65	0.91154	3.96379	4.77E-03	6.22E-03	5.07E-03	2.07E-02	2.70E-02	2.21E-02
135	494907.04, 3860789.65	0.27697	1.15373	1.45E-03	1.89E-03	1.54E-03	6.04E-03	7.87E-03	6.42E-03
136	494907.04, 3860889.65	0.35346	1.52173	1.85E-03	2.41E-03	1.97E-03	7.96E-03	1.04E-02	8.47E-03
137	494907.04, 3860989.65	0.44554	1.96708	2.33E-03	3.04E-03	2.48E-03	1.03E-02	1.34E-02	1.09E-02
138	494907.04, 3861089.65	0.54929	2.48268	2.87E-03	3.75E-03	3.06E-03	1.30E-02	1.69E-02	1.38E-02
139	494907.04, 3861189.65	0.6666	2.9984	3.49E-03	4.55E-03	3.71E-03	1.57E-02	2.05E-02	1.67E-02
140	494907.04, 3861289.65	0.83095	3.63547	4.35E-03	5.67E-03	4.62E-03	1.90E-02	2.48E-02	2.02E-02
141	495007.04, 3860889.65	0.34668	1.48473	1.81E-03	2.36E-03	1.93E-03	7.77E-03	1.01E-02	8.26E-03
142	495007.04, 3860989.65	0.43445	1.92427	2.27E-03	2.96E-03	2.42E-03	1.01E-02	1.31E-02	1.07E-02
143	495007.04, 3861089.65	0.5296	2.40297	2.77E-03	3.61E-03	2.95E-03	1.26E-02	1.64E-02	1.34E-02
144	495007.04, 3861189.65	0.64313	2.90822	3.37E-03	4.39E-03	3.58E-03	1.52E-02	1.98E-02	1.62E-02
145	495007.04, 3861289.65	0.7972	3.51083	4.17E-03	5.44E-03	4.44E-03	1.84E-02	2.39E-02	1.95E-02
146	495107.04, 3860889.65	0.34112	1.45619	1.79E-03	2.33E-03	1.90E-03	7.62E-03	9.93E-03	8.10E-03
147	495107.04, 3860989.65	0.41697	1.85674	2.18E-03	2.84E-03	2.32E-03	9.72E-03	1.27E-02	1.03E-02
148	495107.04, 3861089.65	0.51189	2.32845	2.68E-03	3.49E-03	2.85E-03	1.22E-02	1.59E-02	1.30E-02
149	495107.04, 3861189.65	0.61725	2.8069	3.23E-03	4.21E-03	3.44E-03	1.47E-02	1.91E-02	1.56E-02
150	495107.04, 3861289.65	0.76445	3.3995	4.00E-03	5.21E-03	4.25E-03	1.78E-02	2.32E-02	1.89E-02
151	495207.04, 3860889.65	0.32813	1.37351	1.72E-03	2.24E-03	1.83E-03	7.19E-03	9.37E-03	7.64E-03
152	495207.04, 3860989.65	0.39302	1.73623	2.06E-03	2.68E-03	2.19E-03	9.09E-03	1.18E-02	9.66E-03
153	495207.04, 3861089.65	0.49262	2.24395	2.58E-03	3.36E-03	2.74E-03	1.17E-02	1.53E-02	1.25E-02
154	495207.04, 3861189.65	0.60199	2.74569	3.15E-03	4.11E-03	3.35E-03	1.44E-02	1.87E-02	1.53E-02
155	495207.04, 3861289.65	0.74892	3.31168	3.92E-03	5.11E-03	4.17E-03	1.73E-02	2.26E-02	1.84E-02
156	495207.04, 3861389.65	0.92209	4.0353	4.83E-03	6.29E-03	5.13E-03	2.11E-02	2.75E-02	2.25E-02
157	495307.04, 3860889.65	0.31192	1.30578	1.63E-03	2.13E-03	1.74E-03	6.83E-03	8.91E-03	7.27E-03
158	495307.04, 3860989.65	0.3882	1.72397	2.03E-03	2.65E-03	2.16E-03	9.02E-03	1.18E-02	9.59E-03
159	495307.04, 3861089.65	0.4749	2.16715	2.49E-03	3.24E-03	2.64E-03	1.13E-02	1.48E-02	1.21E-02
160	495307.04, 3861189.65	0.59754	2.72219	3.13E-03	4.08E-03	3.33E-03	1.42E-02	1.86E-02	1.52E-02
161	495307.04, 3861289.65	0.7296	3.22772	3.82E-03	4.98E-03	4.06E-03	1.69E-02	2.20E-02	1.80E-02
162	495307.04, 3861389.65	0.88699	3.9043	4.64E-03	6.05E-03	4.94E-03	2.04E-02	2.66E-02	2.17E-02
163	495407.04, 3860989.65	0.38129	1.69771	2.00E-03	2.60E-03	2.12E-03	8.88E-03	1.16E-02	9.45E-03
164	495407.04, 3861089.65	0.47197	2.16006	2.47E-03	3.22E-03	2.63E-03	1.13E-02	1.47E-02	1.20E-02
165	495407.04, 3861189.65	0.57874	2.64782	3.03E-03	3.95E-03	3.22E-03	1.39E-02	1.81E-02	1.47E-02
166	495407.04, 3861289.65	0.70178	3.12969	3.67E-03	4.79E-03	3.91E-03	1.64E-02	2.13E-02	1.74E-02
167	495407.04, 3861389.65	0.8541	3.78269	4.47E-03	5.83E-03	4.75E-03	1.98E-02	2.58E-02	2.11E-02
168	495507.04, 3860989.65	0.37925	1.69855	1.98E-03	2.59E-03	2.11E-03	8.89E-03	1.16E-02	9.45E-03
169	495507.04, 3861089.65	0.4654	2.1322	2.44E-03	3.17E-03	2.59E-03	1.12E-02	1.45E-02	1.19E-02
170	495507.04, 3861189.65	0.55988	2.57382	2.93E-03	3.82E-03	3.12E-03	1.35E-02	1.76E-02	1.43E-02
171	495507.04, 3861289.65	0.67158	3.03373	3.51E-03	4.58E-03	3.74E-03	1.59E-02	2.07E-02	1.69E-02
172	495507.04, 3861389.65	0.81782	3.65091	4.28E-03	5.58E-03	4.55E-03	1.91E-02	2.49E-02	2.03E-02
173	495507.04, 3861489.65	1.00405	4.4163	5.25E-03	6.85E-03	5.59E-03	2.31E-02	3.01E-02	2.46E-02
174	495607.04, 3860989.65	0.37025	1.6577	1.94E-03	2.53E-03	2.06E-03	8.68E-03	1.13E-02	9.23E-03
175	495607.04, 3861089.65	0.46681	2.13732	2.44E-03	3.18E-03	2.60E-03	1.12E-02	1.46E-02	1.19E-02
176	495607.04, 3861189.65	0.55232	2.53767	2.89E-03	3.77E-03	3.07E-03	1.33E-02	1.73E-02	1.41E-02
177	495607.04, 3861289.65	0.65768	2.96773	3.44E-03	4.49E-03	3.66E-03	1.55E-02	2.02E-02	1.65E-02
178	495607.04, 3861389.65	0.79473	3.56476	4.16E-03	5.42E-03	4.42E-03	1.87E-02	2.43E-02	1.98E-02
179	495607.04, 3861489.65	0.96537	4.25481	5.05E-03	6.58E-03	5.37E-03	2.23E-02	2.90E-02	2.37E-02
180	495707.04, 3860989.65	0.36934	1.66206	1.93E-03	2.52E-03	2.06E-03	8.70E-03	1.13E-02	9.25E-03
181	495707.04, 3861089.65	0.46053	2.11495	2.41E-03	3.14E-03	2.56E-03	1.11E-02	1.44E-02	1.18E-02
182	495707.04, 3861189.65	0.54905	2.50666	2.87E-03	3.75E-03	3.06E-03	1.31E-02	1.71E-02	1.40E-02

183	495707.04, 3861289.65	0.64968	2.92576	3.40E-03	4.43E-03	3.62E-03	1.53E-02	2.00E-02	1.63E-02
184	495707.04, 3861389.65	0.77292	3.47914	4.05E-03	5.27E-03	4.30E-03	1.82E-02	2.37E-02	1.94E-02
185	495707.04, 3861489.65	0.94381	4.1829	4.94E-03	6.44E-03	5.25E-03	2.19E-02	2.85E-02	2.33E-02
186	495807.04, 3860989.65	0.35738	1.60028	1.87E-03	2.44E-03	1.99E-03	8.38E-03	1.09E-02	8.91E-03
187	495807.04, 3861089.65	0.45149	2.07871	2.36E-03	3.08E-03	2.51E-03	1.09E-02	1.42E-02	1.16E-02
188	495807.04, 3861189.65	0.53967	2.49132	2.82E-03	3.68E-03	3.00E-03	1.30E-02	1.70E-02	1.39E-02
189	495807.04, 3861289.65	0.63735	2.87208	3.34E-03	4.35E-03	3.55E-03	1.50E-02	1.96E-02	1.60E-02
190	495807.04, 3861389.65	0.75286	3.38929	3.94E-03	5.14E-03	4.19E-03	1.77E-02	2.31E-02	1.89E-02
191	495807.04, 3861489.65	0.91273	4.06438	4.78E-03	6.23E-03	5.08E-03	2.13E-02	2.77E-02	2.26E-02
192	495907.04, 3861089.65	0.43295	1.99661	2.27E-03	2.95E-03	2.41E-03	1.04E-02	1.36E-02	1.11E-02
193	495907.04, 3861189.65	0.52161	2.39377	2.73E-03	3.56E-03	2.90E-03	1.25E-02	1.63E-02	1.33E-02
194	495907.04, 3861289.65	0.61506	2.79692	3.22E-03	4.20E-03	3.42E-03	1.46E-02	1.91E-02	1.56E-02
195	495907.04, 3861389.65	0.72707	3.30067	3.81E-03	4.96E-03	4.05E-03	1.73E-02	2.25E-02	1.84E-02
196	495907.04, 3861489.65	0.87804	3.93094	4.60E-03	5.99E-03	4.89E-03	2.06E-02	2.68E-02	2.19E-02
197	495907.04, 3861589.65	1.04657	4.59435	5.48E-03	7.14E-03	5.82E-03	2.40E-02	3.13E-02	2.56E-02
198	496007.04, 3861089.65	0.41704	1.9276	2.18E-03	2.84E-03	2.32E-03	1.01E-02	1.31E-02	1.07E-02
199	496007.04, 3861189.65	0.49981	2.3301	2.62E-03	3.41E-03	2.78E-03	1.22E-02	1.59E-02	1.30E-02
200	496007.04, 3861289.65	0.59028	2.70763	3.09E-03	4.03E-03	3.29E-03	1.42E-02	1.85E-02	1.51E-02
201	496007.04, 3861389.65	0.69925	3.20133	3.66E-03	4.77E-03	3.89E-03	1.68E-02	2.18E-02	1.78E-02
202	496007.04, 3861489.65	0.83899	3.77906	4.39E-03	5.72E-03	4.67E-03	1.98E-02	2.58E-02	2.10E-02
203	496007.04, 3861589.65	1.00624	4.43889	5.27E-03	6.86E-03	5.60E-03	2.32E-02	3.03E-02	2.47E-02
204	496107.04, 3861089.65	0.39776	1.84154	2.08E-03	2.71E-03	2.21E-03	9.64E-03	1.26E-02	1.02E-02
205	496107.04, 3861189.65	0.47363	2.23175	2.48E-03	3.23E-03	2.64E-03	1.17E-02	1.52E-02	1.24E-02
206	496107.04, 3861289.65	0.56117	2.63487	2.94E-03	3.83E-03	3.12E-03	1.38E-02	1.80E-02	1.47E-02
207	496107.04, 3861389.65	0.67003	3.08907	3.51E-03	4.57E-03	3.73E-03	1.62E-02	2.11E-02	1.72E-02
208	496107.04, 3861489.65	0.79539	3.63239	4.16E-03	5.43E-03	4.43E-03	1.90E-02	2.48E-02	2.02E-02
209	496107.04, 3861589.65	0.96336	4.28027	5.04E-03	6.57E-03	5.36E-03	2.24E-02	2.92E-02	2.38E-02
210	496207.04, 3861089.65	0.36942	1.68981	1.93E-03	2.52E-03	2.06E-03	8.84E-03	1.15E-02	9.40E-03
211	496207.04, 3861189.65	0.44163	2.07991	2.31E-03	3.01E-03	2.46E-03	1.09E-02	1.42E-02	1.16E-02
212	496207.04, 3861289.65	0.52981	2.52954	2.77E-03	3.61E-03	2.95E-03	1.32E-02	1.73E-02	1.41E-02
213	496207.04, 3861389.65	0.63838	2.97681	3.34E-03	4.35E-03	3.55E-03	1.56E-02	2.03E-02	1.66E-02
214	496207.04, 3861489.65	0.76224	3.50884	3.99E-03	5.20E-03	4.24E-03	1.84E-02	2.39E-02	1.95E-02
215	496207.04, 3861589.65	0.92369	4.12912	4.83E-03	6.30E-03	5.14E-03	2.16E-02	2.82E-02	2.30E-02
216	496207.04, 3861689.65	1.10915	4.81364	5.80E-03	7.57E-03	6.17E-03	2.52E-02	3.28E-02	2.68E-02
217	496307.04, 3861089.65	0.33922	1.49819	1.78E-03	2.31E-03	1.89E-03	7.84E-03	1.02E-02	8.34E-03
218	496307.04, 3861189.65	0.40913	1.89516	2.14E-03	2.79E-03	2.28E-03	9.92E-03	1.29E-02	1.05E-02
219	496307.04, 3861289.65	0.5019	2.4036	2.63E-03	3.42E-03	2.79E-03	1.26E-02	1.64E-02	1.34E-02
220	496307.04, 3861389.65	0.61234	2.90326	3.20E-03	4.18E-03	3.41E-03	1.52E-02	1.98E-02	1.62E-02
221	496307.04, 3861489.65	0.73593	3.40735	3.85E-03	5.02E-03	4.10E-03	1.78E-02	2.32E-02	1.90E-02
222	496307.04, 3861589.65	0.87819	3.95119	4.60E-03	5.99E-03	4.89E-03	2.07E-02	2.70E-02	2.20E-02
223	496307.04, 3861689.65	1.05768	4.62713	5.54E-03	7.21E-03	5.89E-03	2.42E-02	3.16E-02	2.58E-02
224	496407.04, 3861089.65	0.31661	1.34612	1.66E-03	2.16E-03	1.76E-03	7.04E-03	9.18E-03	7.49E-03
225	496407.04, 3861189.65	0.38911	1.77953	2.04E-03	2.65E-03	2.17E-03	9.31E-03	1.21E-02	9.90E-03
226	496407.04, 3861289.65	0.48578	2.33255	2.54E-03	3.31E-03	2.70E-03	1.22E-02	1.59E-02	1.30E-02
227	496407.04, 3861389.65	0.58878	2.82646	3.08E-03	4.02E-03	3.28E-03	1.48E-02	1.93E-02	1.57E-02
228	496407.04, 3861489.65	0.70206	3.28888	3.67E-03	4.79E-03	3.91E-03	1.72E-02	2.24E-02	1.83E-02
229	496407.04, 3861589.65	0.83529	3.83005	4.37E-03	5.70E-03	4.65E-03	2.00E-02	2.61E-02	2.13E-02
230	496407.04, 3861689.65	1.00682	4.43583	5.27E-03	6.87E-03	5.60E-03	2.32E-02	3.03E-02	2.47E-02
231	496507.04, 3861289.65	0.46148	2.20042	2.42E-03	3.15E-03	2.57E-03	1.15E-02	1.50E-02	1.22E-02
232	496507.04, 3861389.65	0.55867	2.71408	2.92E-03	3.81E-03	3.11E-03	1.42E-02	1.85E-02	1.51E-02
233	496507.04, 3861489.65	0.66602	3.17773	3.49E-03	4.54E-03	3.71E-03	1.66E-02	2.17E-02	1.77E-02
234	496507.04, 3861589.65	0.79191	3.69886	4.14E-03	5.40E-03	4.41E-03	1.94E-02	2.52E-02	2.06E-02
235	496507.04, 3861689.65	0.94014	4.29336	4.92E-03	6.41E-03	5.23E-03	2.25E-02	2.93E-02	2.39E-02
236	496607.04, 3861289.65	0.42632	1.97995	2.23E-03	2.91E-03	2.37E-03	1.04E-02	1.35E-02	1.10E-02
237	496607.04, 3861389.65	0.51776	2.50246	2.71E-03	3.53E-03	2.88E-03	1.31E-02	1.71E-02	1.39E-02
238	496607.04, 3861489.65	0.62023	3.00511	3.25E-03	4.23E-03	3.45E-03	1.57E-02	2.05E-02	1.67E-02
239	496607.04, 3861589.65	0.73993	3.53096	3.87E-03	5.05E-03	4.12E-03	1.85E-02	2.41E-02	1.97E-02
240	496607.04, 3861689.65	0.87952	4.10082	4.60E-03	6.00E-03	4.90E-03	2.15E-02	2.80E-02	2.28E-02
241	496607.04, 3861789.65	0.99511	4.4122	5.21E-03	6.79E-03	5.54E-03	2.31E-02	3.01E-02	2.46E-02
242	496707.04, 3861289.65	0.39014	1.7266	2.04E-03	2.66E-03	2.17E-03	9.04E-03	1.18E-02	9.61E-03
243	496707.04, 3861389.65	0.4777	2.25414	2.50E-03	3.26E-03	2.66E-03	1.18E-02	1.54E-02	1.25E-02
244	496707.04, 3861489.65	0.56997	2.72808	2.98E-03	3.89E-03	3.17E-03	1.43E-02	1.86E-02	1.52E-02

245	496707.04, 3861589.65	0.68757	3.28509	3.60E-03	4.69E-03	3.83E-03	1.72E-02	2.24E-02	1.83E-02
246	496707.04, 3861689.65	0.80283	3.73345	4.20E-03	5.48E-03	4.47E-03	1.95E-02	2.55E-02	2.08E-02
247	496707.04, 3861789.65	0.78387	2.87436	4.10E-03	5.35E-03	4.36E-03	1.50E-02	1.96E-02	1.60E-02
248	496807.04, 3861289.65	0.35932	1.49774	1.88E-03	2.45E-03	2.00E-03	7.84E-03	1.02E-02	8.34E-03
249	496807.04, 3861389.65	0.43516	1.94877	2.28E-03	2.97E-03	2.42E-03	1.02E-02	1.33E-02	1.08E-02
250	496807.04, 3861489.65	0.53226	2.49976	2.79E-03	3.63E-03	2.96E-03	1.31E-02	1.71E-02	1.39E-02
251	496807.04, 3861589.65	0.63499	2.9847	3.32E-03	4.33E-03	3.53E-03	1.56E-02	2.04E-02	1.66E-02
252	496807.04, 3861689.65	0.71046	3.13324	3.72E-03	4.85E-03	3.95E-03	1.64E-02	2.14E-02	1.74E-02
253	496807.04, 3861789.65	0.64372	2.21335	3.37E-03	4.39E-03	3.58E-03	1.16E-02	1.51E-02	1.23E-02
254	496907.04, 3861389.65	0.40375	1.72217	2.11E-03	2.75E-03	2.25E-03	9.01E-03	1.17E-02	9.58E-03
255	496907.04, 3861489.65	0.49167	2.2244	2.57E-03	3.35E-03	2.74E-03	1.16E-02	1.52E-02	1.24E-02
256	496907.04, 3861589.65	0.57969	2.6211	3.03E-03	3.95E-03	3.23E-03	1.37E-02	1.79E-02	1.46E-02
257	496907.04, 3861689.65	0.62761	2.53325	3.28E-03	4.28E-03	3.49E-03	1.33E-02	1.73E-02	1.41E-02
258	496907.04, 3861789.65	0.66531	2.35492	3.48E-03	4.54E-03	3.70E-03	1.23E-02	1.61E-02	1.31E-02
259	496907.04, 3861889.65	0.53616	1.57228	2.81E-03	3.66E-03	2.98E-03	8.23E-03	1.07E-02	8.75E-03
260	497007.04, 3861389.65	0.38004	1.55535	1.99E-03	2.59E-03	2.12E-03	8.14E-03	1.06E-02	8.66E-03
261	497007.04, 3861489.65	0.43781	1.80677	2.29E-03	2.99E-03	2.44E-03	9.46E-03	1.23E-02	1.01E-02
262	497007.04, 3861589.65	0.52189	2.19692	2.73E-03	3.56E-03	2.90E-03	1.15E-02	1.50E-02	1.22E-02
263	497007.04, 3861689.65	0.57123	2.13828	2.99E-03	3.90E-03	3.18E-03	1.12E-02	1.46E-02	1.19E-02
264	497007.04, 3861789.65	0.57204	1.90424	2.99E-03	3.90E-03	3.18E-03	9.97E-03	1.30E-02	1.06E-02
265	497007.04, 3861889.65	0.48921	1.37572	2.56E-03	3.34E-03	2.72E-03	7.20E-03	9.38E-03	7.66E-03
266	497107.04, 3861389.65	0.3164	1.07393	1.66E-03	2.16E-03	1.76E-03	5.62E-03	7.33E-03	5.98E-03
267	497107.04, 3861489.65	0.39775	1.4949	2.08E-03	2.71E-03	2.21E-03	7.82E-03	1.02E-02	8.32E-03
268	497107.04, 3861589.65	0.45046	1.61772	2.36E-03	3.07E-03	2.51E-03	8.47E-03	1.10E-02	9.00E-03
269	497107.04, 3861689.65	0.55767	2.12403	2.92E-03	3.80E-03	3.10E-03	1.11E-02	1.45E-02	1.18E-02
270	497107.04, 3861789.65	0.62114	2.1831	3.25E-03	4.24E-03	3.46E-03	1.14E-02	1.49E-02	1.22E-02
271	497107.04, 3861889.65	0.54251	1.652	2.84E-03	3.70E-03	3.02E-03	8.65E-03	1.13E-02	9.19E-03
272	497207.04, 3861389.65	0.32537	1.14271	1.70E-03	2.22E-03	1.81E-03	5.98E-03	7.79E-03	6.36E-03
273	497207.04, 3861489.65	0.39312	1.50988	2.06E-03	2.68E-03	2.19E-03	7.90E-03	1.03E-02	8.40E-03
274	497207.04, 3861589.65	0.42278	1.43971	2.21E-03	2.88E-03	2.35E-03	7.53E-03	9.82E-03	8.01E-03
275	497207.04, 3861689.65	0.53089	1.97824	2.78E-03	3.62E-03	2.95E-03	1.04E-02	1.35E-02	1.10E-02
276	497207.04, 3861789.65	0.67517	2.71497	3.53E-03	4.61E-03	3.76E-03	1.42E-02	1.85E-02	1.51E-02
277	497207.04, 3861889.65	0.68075	2.42265	3.56E-03	4.64E-03	3.79E-03	1.27E-02	1.65E-02	1.35E-02
278	497307.04, 3861489.65	0.42632	1.88693	2.23E-03	2.91E-03	2.37E-03	9.88E-03	1.29E-02	1.05E-02
279	497307.04, 3861589.65	0.49823	2.2099	2.61E-03	3.40E-03	2.77E-03	1.16E-02	1.51E-02	1.23E-02
280	497307.04, 3861689.65	0.60388	2.7358	3.16E-03	4.12E-03	3.36E-03	1.43E-02	1.87E-02	1.52E-02
281	497307.04, 3861789.65	0.73186	3.30977	3.83E-03	4.99E-03	4.07E-03	1.73E-02	2.26E-02	1.84E-02
282	497307.04, 3861889.65	0.74378	2.75553	3.89E-03	5.07E-03	4.14E-03	1.44E-02	1.88E-02	1.53E-02
283	497307.04, 3861989.65	0.78155	2.78595	4.09E-03	5.33E-03	4.35E-03	1.46E-02	1.90E-02	1.55E-02
284	497307.04, 3862089.65	0.68718	2.11045	3.60E-03	4.69E-03	3.82E-03	1.10E-02	1.44E-02	1.17E-02
285	497407.04, 3861489.65	0.42341	1.91011	2.22E-03	2.89E-03	2.36E-03	1.00E-02	1.30E-02	1.06E-02
286	497407.04, 3861589.65	0.50228	2.31671	2.63E-03	3.43E-03	2.80E-03	1.21E-02	1.58E-02	1.29E-02
287	497407.04, 3861689.65	0.60525	2.82121	3.17E-03	4.13E-03	3.37E-03	1.48E-02	1.92E-02	1.57E-02
288	497407.04, 3861789.65	0.74265	3.4656	3.89E-03	5.07E-03	4.13E-03	1.81E-02	2.36E-02	1.93E-02
289	497407.04, 3861889.65	0.84693	3.73899	4.43E-03	5.78E-03	4.71E-03	1.96E-02	2.55E-02	2.08E-02
290	497407.04, 3861989.65	1.00258	4.22018	5.25E-03	6.84E-03	5.58E-03	2.21E-02	2.88E-02	2.35E-02
291	497407.04, 3862089.65	0.89972	3.1332	4.71E-03	6.14E-03	5.01E-03	1.64E-02	2.14E-02	1.74E-02
292	497407.04, 3862189.65	1.78188	7.09099	9.33E-03	1.22E-02	9.92E-03	3.71E-02	4.84E-02	3.95E-02
293	497507.04, 3861489.65	0.41289	1.86308	2.16E-03	2.82E-03	2.30E-03	9.75E-03	1.27E-02	1.04E-02
294	497507.04, 3861589.65	0.49747	2.33051	2.60E-03	3.39E-03	2.77E-03	1.22E-02	1.59E-02	1.30E-02
295	497507.04, 3861689.65	0.59872	2.83154	3.13E-03	4.08E-03	3.33E-03	1.48E-02	1.93E-02	1.58E-02
296	497507.04, 3861789.65	0.73018	3.43637	3.82E-03	4.98E-03	4.06E-03	1.80E-02	2.34E-02	1.91E-02
297	497507.04, 3861889.65	0.88314	4.02108	4.62E-03	6.02E-03	4.92E-03	2.10E-02	2.74E-02	2.24E-02
298	497507.04, 3861989.65	1.07618	4.67478	5.63E-03	7.34E-03	5.99E-03	2.45E-02	3.19E-02	2.60E-02
299	497507.04, 3862089.65	1.34531	5.3641	7.04E-03	9.18E-03	7.49E-03	2.81E-02	3.66E-02	2.99E-02
300	497607.04, 3861489.65	0.40964	1.87848	2.14E-03	2.79E-03	2.28E-03	9.83E-03	1.28E-02	1.05E-02
301	497607.04, 3861589.65	0.49148	2.33056	2.57E-03	3.35E-03	2.74E-03	1.22E-02	1.59E-02	1.30E-02
302	497607.04, 3861689.65	0.59351	2.84517	3.11E-03	4.05E-03	3.30E-03	1.49E-02	1.94E-02	1.58E-02
303	497607.04, 3861789.65	0.71644	3.38982	3.75E-03	4.89E-03	3.99E-03	1.77E-02	2.31E-02	1.89E-02
304	497607.04, 3861889.65	0.86825	3.96035	4.54E-03	5.92E-03	4.83E-03	2.07E-02	2.70E-02	2.20E-02
305	497607.04, 3861989.65	1.05106	4.55976	5.50E-03	7.17E-03	5.85E-03	2.39E-02	3.11E-02	2.54E-02
306	497607.04, 3862089.65	1.32984	5.31354	6.96E-03	9.07E-03	7.40E-03	2.78E-02	3.62E-02	2.96E-02

307	497607.04, 3862189.65	1.77796	7.77086	9.30E-03	1.21E-02	9.90E-03	4.07E-02	5.30E-02	4.32E-02
308	497707.04, 3861489.65	0.38566	1.70406	2.02E-03	2.63E-03	2.15E-03	8.92E-03	1.16E-02	9.48E-03
309	497707.04, 3861589.65	0.4687	2.18794	2.45E-03	3.20E-03	2.61E-03	1.15E-02	1.49E-02	1.22E-02
310	497707.04, 3861689.65	0.57914	2.78554	3.03E-03	3.95E-03	3.22E-03	1.46E-02	1.90E-02	1.55E-02
311	497707.04, 3861789.65	0.71095	3.38287	3.72E-03	4.85E-03	3.96E-03	1.77E-02	2.31E-02	1.88E-02
312	497707.04, 3861889.65	0.83382	3.82072	4.36E-03	5.69E-03	4.64E-03	2.00E-02	2.61E-02	2.13E-02
313	497707.04, 3861989.65	0.84384	3.35026	4.42E-03	5.76E-03	4.70E-03	1.75E-02	2.29E-02	1.86E-02
314	497707.04, 3862089.65	1.31682	5.39887	6.89E-03	8.98E-03	7.33E-03	2.83E-02	3.68E-02	3.00E-02
315	497707.04, 3862189.65	1.77829	8.04203	9.31E-03	1.21E-02	9.90E-03	4.21E-02	5.49E-02	4.48E-02
316	497807.04, 3861489.65	0.38088	1.70226	1.99E-03	2.60E-03	2.12E-03	8.91E-03	1.16E-02	9.47E-03
317	497807.04, 3861589.65	0.46205	2.17937	2.42E-03	3.15E-03	2.57E-03	1.14E-02	1.49E-02	1.21E-02
318	497807.04, 3861689.65	0.56493	2.7256	2.96E-03	3.85E-03	3.14E-03	1.43E-02	1.86E-02	1.52E-02
319	497807.04, 3861789.65	0.68811	3.28262	3.60E-03	4.69E-03	3.83E-03	1.72E-02	2.24E-02	1.83E-02
320	497807.04, 3861889.65	0.82184	3.76595	4.30E-03	5.61E-03	4.57E-03	1.97E-02	2.57E-02	2.10E-02
321	497807.04, 3861989.65	1.00947	4.32019	5.28E-03	6.89E-03	5.62E-03	2.26E-02	2.95E-02	2.40E-02
322	497807.04, 3862089.65	1.30967	5.52997	6.85E-03	8.93E-03	7.29E-03	2.89E-02	3.77E-02	3.08E-02
323	497907.04, 3861489.65	0.37757	1.71282	1.98E-03	2.58E-03	2.10E-03	8.96E-03	1.17E-02	9.53E-03
324	497907.04, 3861589.65	0.45227	2.14221	2.37E-03	3.08E-03	2.52E-03	1.12E-02	1.46E-02	1.19E-02
325	497907.04, 3861689.65	0.54647	2.63469	2.86E-03	3.73E-03	3.04E-03	1.38E-02	1.80E-02	1.47E-02
326	497907.04, 3861789.65	0.66599	3.18017	3.49E-03	4.54E-03	3.71E-03	1.66E-02	2.17E-02	1.77E-02
327	497907.04, 3861889.65	0.79912	3.66044	4.18E-03	5.45E-03	4.45E-03	1.92E-02	2.50E-02	2.04E-02
328	497907.04, 3861989.65	0.96829	4.16458	5.07E-03	6.60E-03	5.39E-03	2.18E-02	2.84E-02	2.32E-02
329	497907.04, 3862089.65	1.33899	5.93326	7.01E-03	9.13E-03	7.45E-03	3.11E-02	4.05E-02	3.30E-02
330	498007.04, 3861489.65	0.37561	1.72988	1.97E-03	2.56E-03	2.09E-03	9.05E-03	1.18E-02	9.63E-03
331	498007.04, 3861589.65	0.46497	2.28642	2.43E-03	3.17E-03	2.59E-03	1.20E-02	1.56E-02	1.27E-02
332	498007.04, 3861689.65	0.56301	2.77682	2.95E-03	3.84E-03	3.13E-03	1.45E-02	1.89E-02	1.55E-02
333	498007.04, 3861789.65	0.67942	3.24841	3.56E-03	4.63E-03	3.78E-03	1.70E-02	2.22E-02	1.81E-02
334	498007.04, 3861889.65	0.82271	3.68406	4.31E-03	5.61E-03	4.58E-03	1.93E-02	2.51E-02	2.05E-02
335	498007.04, 3861989.65	1.01113	4.3926	5.29E-03	6.90E-03	5.63E-03	2.30E-02	3.00E-02	2.44E-02
336	498007.04, 3862089.65	1.31698	5.779	6.89E-03	8.98E-03	7.33E-03	3.02E-02	3.94E-02	3.22E-02
337	498107.04, 3861489.65	0.39265	1.91894	2.05E-03	2.68E-03	2.19E-03	1.00E-02	1.31E-02	1.07E-02
338	498107.04, 3861589.65	0.46626	2.32717	2.44E-03	3.18E-03	2.59E-03	1.22E-02	1.59E-02	1.30E-02
339	498107.04, 3861689.65	0.55142	2.72902	2.89E-03	3.76E-03	3.07E-03	1.43E-02	1.86E-02	1.52E-02
340	498107.04, 3861789.65	0.66319	3.17395	3.47E-03	4.52E-03	3.69E-03	1.66E-02	2.16E-02	1.77E-02
341	498107.04, 3861889.65	0.80713	3.60201	4.22E-03	5.51E-03	4.49E-03	1.89E-02	2.46E-02	2.00E-02
342	498107.04, 3861989.65	1.00086	4.35094	5.24E-03	6.83E-03	5.57E-03	2.28E-02	2.97E-02	2.42E-02
343	498107.04, 3862089.65	1.32639	5.89317	6.94E-03	9.05E-03	7.38E-03	3.08E-02	4.02E-02	3.28E-02
344	498207.04, 3861489.65	0.38444	1.88208	2.01E-03	2.62E-03	2.14E-03	9.85E-03	1.28E-02	1.05E-02
345	498207.04, 3861589.65	0.45046	2.24011	2.36E-03	3.07E-03	2.51E-03	1.17E-02	1.53E-02	1.25E-02
346	498207.04, 3861689.65	0.533	2.63757	2.79E-03	3.64E-03	2.97E-03	1.38E-02	1.80E-02	1.47E-02
347	498207.04, 3861789.65	0.64452	3.08653	3.37E-03	4.40E-03	3.59E-03	1.62E-02	2.11E-02	1.72E-02
348	498207.04, 3861889.65	0.78722	3.51039	4.12E-03	5.37E-03	4.38E-03	1.84E-02	2.39E-02	1.95E-02
349	498207.04, 3861989.65	0.9888	4.26576	5.17E-03	6.74E-03	5.50E-03	2.23E-02	2.91E-02	2.37E-02
350	498207.04, 3862089.65	1.29944	5.85944	6.80E-03	8.86E-03	7.23E-03	3.07E-02	4.00E-02	3.26E-02
351	498307.04, 3861489.65	0.34487	1.55673	1.80E-03	2.35E-03	1.92E-03	8.15E-03	1.06E-02	8.66E-03
352	498307.04, 3861589.65	0.41687	2.00155	2.18E-03	2.84E-03	2.32E-03	1.05E-02	1.37E-02	1.11E-02
353	498307.04, 3861689.65	0.50584	2.47982	2.65E-03	3.45E-03	2.82E-03	1.30E-02	1.69E-02	1.38E-02
354	498307.04, 3861789.65	0.61934	2.95896	3.24E-03	4.22E-03	3.45E-03	1.55E-02	2.02E-02	1.65E-02
355	498307.04, 3861889.65	0.77217	3.42554	4.04E-03	5.27E-03	4.30E-03	1.79E-02	2.34E-02	1.91E-02
356	498307.04, 3861989.65	0.97134	4.17709	5.08E-03	6.63E-03	5.41E-03	2.19E-02	2.85E-02	2.32E-02
357	498307.04, 3862089.65	1.32498	6.15942	6.93E-03	9.04E-03	7.37E-03	3.22E-02	4.20E-02	3.43E-02
358	498407.04, 3861489.65	0.3461	1.60682	1.81E-03	2.36E-03	1.93E-03	8.41E-03	1.10E-02	8.94E-03
359	498407.04, 3861589.65	0.4091	1.97207	2.14E-03	2.79E-03	2.28E-03	1.03E-02	1.35E-02	1.10E-02
360	498407.04, 3861689.65	0.49563	2.42956	2.59E-03	3.38E-03	2.76E-03	1.27E-02	1.66E-02	1.35E-02
361	498407.04, 3861789.65	0.60337	2.86906	3.16E-03	4.12E-03	3.36E-03	1.50E-02	1.96E-02	1.60E-02
362	498407.04, 3861889.65	0.7715	3.37256	4.04E-03	5.26E-03	4.29E-03	1.77E-02	2.30E-02	1.88E-02
363	498407.04, 3861989.65	0.96981	4.19745	5.08E-03	6.61E-03	5.40E-03	2.20E-02	2.86E-02	2.34E-02
364	498407.04, 3862089.65	1.35001	6.39541	7.07E-03	9.21E-03	7.51E-03	3.35E-02	4.36E-02	3.56E-02
365	498507.04, 3861489.65	0.32939	1.47672	1.72E-03	2.25E-03	1.83E-03	7.73E-03	1.01E-02	8.22E-03
366	498507.04, 3861589.65	0.39216	1.85707	2.05E-03	2.67E-03	2.18E-03	9.72E-03	1.27E-02	1.03E-02
367	498507.04, 3861689.65	0.47975	2.33425	2.51E-03	3.27E-03	2.67E-03	1.22E-02	1.59E-02	1.30E-02
368	498507.04, 3861789.65	0.57606	2.7103	3.01E-03	3.93E-03	3.21E-03	1.42E-02	1.85E-02	1.51E-02

369	498507.04, 3861889.65	0.71919	3.18427	3.76E-03	4.91E-03	4.00E-03	1.67E-02	2.17E-02	1.77E-02
370	498507.04, 3861989.65	0.94304	3.94497	4.94E-03	6.43E-03	5.25E-03	2.06E-02	2.69E-02	2.20E-02
371	498507.04, 3862089.65	1.42604	6.97502	7.46E-03	9.73E-03	7.94E-03	3.65E-02	4.76E-02	3.88E-02
372	493116.28, 3862593.93	0.20002	2.19682	1.05E-03	1.36E-03	1.11E-03	1.15E-02	1.50E-02	1.22E-02
373	493216.28, 3862493.93	0.22751	2.49782	1.19E-03	1.55E-03	1.27E-03	1.31E-02	1.70E-02	1.39E-02
374	493216.28, 3862593.93	0.20893	2.22703	1.09E-03	1.43E-03	1.16E-03	1.17E-02	1.52E-02	1.24E-02
375	493316.28, 3862293.93	0.29127	3.50665	1.52E-03	1.99E-03	1.62E-03	1.84E-02	2.39E-02	1.95E-02
376	493316.28, 3862393.93	0.26105	3.06803	1.37E-03	1.78E-03	1.45E-03	1.61E-02	2.09E-02	1.71E-02
377	493316.28, 3862493.93	0.23655	2.55897	1.24E-03	1.61E-03	1.32E-03	1.34E-02	1.75E-02	1.42E-02
378	493316.28, 3862593.93	0.21699	2.26957	1.14E-03	1.48E-03	1.21E-03	1.19E-02	1.55E-02	1.26E-02
379	493416.28, 3862093.93	0.39487	4.21468	2.07E-03	2.69E-03	2.20E-03	2.21E-02	2.87E-02	2.35E-02
380	493416.28, 3862193.93	0.34587	4.03986	1.81E-03	2.36E-03	1.92E-03	2.11E-02	2.76E-02	2.25E-02
381	493416.28, 3862293.93	0.30602	3.70421	1.60E-03	2.09E-03	1.70E-03	1.94E-02	2.53E-02	2.06E-02
382	493416.28, 3862393.93	0.27347	3.24192	1.43E-03	1.87E-03	1.52E-03	1.70E-02	2.21E-02	1.80E-02
383	493416.28, 3862493.93	0.24705	2.69845	1.29E-03	1.69E-03	1.37E-03	1.41E-02	1.84E-02	1.50E-02
384	493416.28, 3862593.93	0.22586	2.33262	1.18E-03	1.54E-03	1.26E-03	1.22E-02	1.59E-02	1.30E-02
385	493516.28, 3862193.93	0.36426	4.10503	1.91E-03	2.48E-03	2.03E-03	2.15E-02	2.80E-02	2.28E-02
386	493516.28, 3862293.93	0.32169	3.87829	1.68E-03	2.19E-03	1.79E-03	2.03E-02	2.65E-02	2.16E-02
387	493516.28, 3862393.93	0.2864	3.41052	1.50E-03	1.95E-03	1.59E-03	1.78E-02	2.33E-02	1.90E-02
388	493516.28, 3862493.93	0.25787	2.83225	1.35E-03	1.76E-03	1.44E-03	1.48E-02	1.93E-02	1.58E-02
389	493516.28, 3862593.93	0.23494	2.3776	1.23E-03	1.60E-03	1.31E-03	1.24E-02	1.62E-02	1.32E-02
390	493616.28, 3862193.93	0.38424	4.19987	2.01E-03	2.62E-03	2.14E-03	2.20E-02	2.86E-02	2.34E-02
391	493616.28, 3862293.93	0.33824	3.99985	1.77E-03	2.31E-03	1.88E-03	2.09E-02	2.73E-02	2.23E-02
392	493616.28, 3862393.93	0.2999	3.56981	1.57E-03	2.05E-03	1.67E-03	1.87E-02	2.43E-02	1.99E-02
393	493616.28, 3862493.93	0.26911	2.9832	1.41E-03	1.84E-03	1.50E-03	1.56E-02	2.03E-02	1.66E-02
394	493616.28, 3862593.93	0.24444	2.41122	1.28E-03	1.67E-03	1.36E-03	1.26E-02	1.64E-02	1.34E-02
395	493716.28, 3862193.93	0.40576	4.27636	2.12E-03	2.77E-03	2.26E-03	2.24E-02	2.92E-02	2.38E-02
396	493716.28, 3862293.93	0.35554	4.07532	1.86E-03	2.43E-03	1.98E-03	2.13E-02	2.78E-02	2.27E-02
397	493716.28, 3862393.93	0.3113	3.68328	1.63E-03	2.12E-03	1.73E-03	1.93E-02	2.51E-02	2.05E-02
398	493716.28, 3862493.93	0.27698	3.06788	1.45E-03	1.89E-03	1.54E-03	1.61E-02	2.09E-02	1.71E-02
399	493716.28, 3862593.93	0.2543	2.51533	1.33E-03	1.73E-03	1.42E-03	1.32E-02	1.72E-02	1.40E-02
400	493716.28, 3862693.93	0.23266	2.45015	1.22E-03	1.59E-03	1.29E-03	1.28E-02	1.67E-02	1.36E-02
401	493716.28, 3862793.93	0.21252	2.37146	1.11E-03	1.45E-03	1.18E-03	1.24E-02	1.62E-02	1.32E-02
402	493816.28, 3862193.93	0.42851	4.35967	2.24E-03	2.92E-03	2.38E-03	2.28E-02	2.97E-02	2.43E-02
403	493816.28, 3862293.93	0.37356	4.13532	1.96E-03	2.55E-03	2.08E-03	2.16E-02	2.82E-02	2.30E-02
404	493816.28, 3862393.93	0.32893	3.74665	1.72E-03	2.24E-03	1.83E-03	1.96E-02	2.56E-02	2.09E-02
405	493816.28, 3862493.93	0.29304	3.18009	1.53E-03	2.00E-03	1.63E-03	1.66E-02	2.17E-02	1.77E-02
406	493816.28, 3862593.93	0.2646	2.60334	1.38E-03	1.80E-03	1.47E-03	1.36E-02	1.78E-02	1.45E-02
407	493816.28, 3862693.93	0.24163	2.50877	1.26E-03	1.65E-03	1.34E-03	1.31E-02	1.71E-02	1.40E-02
408	493916.28, 3862193.93	0.45193	4.46171	2.37E-03	3.08E-03	2.52E-03	2.34E-02	3.04E-02	2.48E-02
409	493916.28, 3862293.93	0.39247	4.21004	2.05E-03	2.68E-03	2.18E-03	2.20E-02	2.87E-02	2.34E-02
410	493916.28, 3862393.93	0.34443	3.80354	1.80E-03	2.35E-03	1.92E-03	1.99E-02	2.59E-02	2.12E-02
411	493916.28, 3862493.93	0.30585	3.23242	1.60E-03	2.09E-03	1.70E-03	1.69E-02	2.20E-02	1.80E-02
412	493916.28, 3862593.93	0.27536	2.66126	1.44E-03	1.88E-03	1.53E-03	1.39E-02	1.82E-02	1.48E-02
413	493916.28, 3862693.93	0.25081	2.55936	1.31E-03	1.71E-03	1.40E-03	1.34E-02	1.75E-02	1.42E-02
414	494016.28, 3862293.93	0.41229	4.31053	2.16E-03	2.81E-03	2.29E-03	2.26E-02	2.94E-02	2.40E-02
415	494016.28, 3862393.93	0.36049	3.86629	1.89E-03	2.46E-03	2.01E-03	2.02E-02	2.64E-02	2.15E-02
416	494016.28, 3862493.93	0.31926	3.27921	1.67E-03	2.18E-03	1.78E-03	1.72E-02	2.24E-02	1.83E-02
417	494016.28, 3862593.93	0.28658	2.69728	1.50E-03	1.95E-03	1.59E-03	1.41E-02	1.84E-02	1.50E-02
418	494016.28, 3862693.93	0.2603	2.60321	1.36E-03	1.78E-03	1.45E-03	1.36E-02	1.78E-02	1.45E-02
419	494116.28, 3862293.93	0.43315	4.4166	2.27E-03	2.95E-03	2.41E-03	2.31E-02	3.01E-02	2.46E-02
420	494116.28, 3862393.93	0.37729	3.94804	1.97E-03	2.57E-03	2.10E-03	2.07E-02	2.69E-02	2.20E-02
421	494116.28, 3862493.93	0.33321	3.32832	1.74E-03	2.27E-03	1.85E-03	1.74E-02	2.27E-02	1.85E-02
422	494116.28, 3862593.93	0.29831	2.72464	1.56E-03	2.03E-03	1.66E-03	1.43E-02	1.86E-02	1.52E-02
423	494116.28, 3862693.93	0.27022	2.65954	1.41E-03	1.84E-03	1.50E-03	1.39E-02	1.81E-02	1.48E-02
424	494216.28, 3862293.93	0.45563	4.54507	2.38E-03	3.11E-03	2.54E-03	2.38E-02	3.10E-02	2.53E-02
425	494216.28, 3862393.93	0.3948	4.03999	2.07E-03	2.69E-03	2.20E-03	2.11E-02	2.76E-02	2.25E-02
426	494216.28, 3862493.93	0.34758	3.39218	1.82E-03	2.37E-03	1.93E-03	1.78E-02	2.31E-02	1.89E-02
427	494216.28, 3862593.93	0.31044	2.7692	1.62E-03	2.12E-03	1.73E-03	1.45E-02	1.89E-02	1.54E-02
428	494216.28, 3862693.93	0.28055	2.71857	1.47E-03	1.91E-03	1.56E-03	1.42E-02	1.85E-02	1.51E-02
429	494316.28, 3862293.93	0.48046	4.70169	2.51E-03	3.28E-03	2.67E-03	2.46E-02	3.21E-02	2.62E-02
430	494316.28, 3862393.93	0.41369	4.17532	2.17E-03	2.82E-03	2.30E-03	2.19E-02	2.85E-02	2.32E-02

431	494316.28, 3862493.93	0.36259	3.47916	1.90E-03	2.47E-03	2.02E-03	1.82E-02	2.37E-02	1.94E-02
432	494316.28, 3862593.93	0.32296	2.84487	1.69E-03	2.20E-03	1.80E-03	1.49E-02	1.94E-02	1.58E-02
433	494316.28, 3862693.93	0.29121	2.78772	1.52E-03	1.99E-03	1.62E-03	1.46E-02	1.90E-02	1.55E-02
434	494416.28, 3862293.93	0.5073	4.84082	2.65E-03	3.46E-03	2.82E-03	2.53E-02	3.30E-02	2.69E-02
435	494416.28, 3862393.93	0.43329	4.25429	2.27E-03	2.96E-03	2.41E-03	2.23E-02	2.90E-02	2.37E-02
436	494416.28, 3862493.93	0.37829	3.54033	1.98E-03	2.58E-03	2.11E-03	1.85E-02	2.41E-02	1.97E-02
437	494416.28, 3862593.93	0.33587	2.91311	1.76E-03	2.29E-03	1.87E-03	1.52E-02	1.99E-02	1.62E-02
438	494416.28, 3862693.93	0.30213	2.84152	1.58E-03	2.06E-03	1.68E-03	1.49E-02	1.94E-02	1.58E-02
439	494516.28, 3862293.93	0.53646	4.99943	2.81E-03	3.66E-03	2.99E-03	2.62E-02	3.41E-02	2.78E-02
440	494516.28, 3862393.93	0.45513	4.38197	2.38E-03	3.10E-03	2.53E-03	2.29E-02	2.99E-02	2.44E-02
441	494516.28, 3862493.93	0.39506	3.63262	2.07E-03	2.69E-03	2.20E-03	1.90E-02	2.48E-02	2.02E-02
442	494516.28, 3862593.93	0.34941	2.9929	1.83E-03	2.38E-03	1.94E-03	1.57E-02	2.04E-02	1.67E-02
443	494516.28, 3862693.93	0.31326	2.88809	1.64E-03	2.14E-03	1.74E-03	1.51E-02	1.97E-02	1.61E-02
444	494516.28, 3862793.93	0.28303	2.65109	1.48E-03	1.93E-03	1.58E-03	1.39E-02	1.81E-02	1.48E-02
445	494516.28, 3862893.93	0.25631	2.33785	1.34E-03	1.75E-03	1.43E-03	1.22E-02	1.59E-02	1.30E-02
446	494516.28, 3862993.93	0.22677	2.20159	1.19E-03	1.55E-03	1.26E-03	1.15E-02	1.50E-02	1.23E-02
447	494616.28, 3862393.93	0.47882	4.52126	2.51E-03	3.27E-03	2.66E-03	2.37E-02	3.08E-02	2.52E-02
448	494616.28, 3862493.93	0.41298	3.7222	2.16E-03	2.82E-03	2.30E-03	1.95E-02	2.54E-02	2.07E-02
449	494616.28, 3862593.93	0.36371	3.07763	1.90E-03	2.48E-03	2.02E-03	1.61E-02	2.10E-02	1.71E-02
450	494616.28, 3862693.93	0.32493	2.95473	1.70E-03	2.22E-03	1.81E-03	1.55E-02	2.02E-02	1.64E-02
451	494616.28, 3862793.93	0.29283	2.68084	1.53E-03	2.00E-03	1.63E-03	1.40E-02	1.83E-02	1.49E-02
452	494616.28, 3862893.93	0.26453	2.41399	1.38E-03	1.80E-03	1.47E-03	1.26E-02	1.65E-02	1.34E-02
453	494616.28, 3862993.93	0.23844	2.3208	1.25E-03	1.63E-03	1.33E-03	1.21E-02	1.58E-02	1.29E-02
454	494716.28, 3862393.93	0.50539	4.69967	2.64E-03	3.45E-03	2.81E-03	2.46E-02	3.21E-02	2.62E-02
455	494716.28, 3862493.93	0.43252	3.81938	2.26E-03	2.95E-03	2.41E-03	2.00E-02	2.61E-02	2.13E-02
456	494716.28, 3862593.93	0.37908	3.17249	1.98E-03	2.59E-03	2.11E-03	1.66E-02	2.16E-02	1.77E-02
457	494716.28, 3862693.93	0.33699	3.0132	1.76E-03	2.30E-03	1.88E-03	1.58E-02	2.06E-02	1.68E-02
458	494716.28, 3862793.93	0.30295	2.71538	1.59E-03	2.07E-03	1.69E-03	1.42E-02	1.85E-02	1.51E-02
459	494716.28, 3862893.93	0.273	2.45958	1.43E-03	1.86E-03	1.52E-03	1.29E-02	1.68E-02	1.37E-02
460	494716.28, 3862993.93	0.24612	2.39555	1.29E-03	1.68E-03	1.37E-03	1.25E-02	1.63E-02	1.33E-02
461	494816.28, 3862393.93	0.53374	4.8754	2.79E-03	3.64E-03	2.97E-03	2.55E-02	3.33E-02	2.71E-02
462	494816.28, 3862493.93	0.45376	3.93031	2.37E-03	3.10E-03	2.53E-03	2.06E-02	2.68E-02	2.19E-02
463	494816.28, 3862593.93	0.39545	3.26286	2.07E-03	2.70E-03	2.20E-03	1.71E-02	2.23E-02	1.82E-02
464	494816.28, 3862693.93	0.35005	3.0862	1.83E-03	2.39E-03	1.95E-03	1.62E-02	2.11E-02	1.72E-02
465	494816.28, 3862793.93	0.31343	2.74423	1.64E-03	2.14E-03	1.74E-03	1.44E-02	1.87E-02	1.53E-02
466	494816.28, 3862893.93	0.28205	2.47115	1.48E-03	1.92E-03	1.57E-03	1.29E-02	1.69E-02	1.38E-02
467	494816.28, 3862993.93	0.25453	2.46233	1.33E-03	1.74E-03	1.42E-03	1.29E-02	1.68E-02	1.37E-02
468	494916.28, 3862393.93	0.56294	5.00958	2.95E-03	3.84E-03	3.13E-03	2.62E-02	3.42E-02	2.79E-02
469	494916.28, 3862493.93	0.47691	4.05801	2.50E-03	3.25E-03	2.65E-03	2.12E-02	2.77E-02	2.26E-02
470	494916.28, 3862593.93	0.41286	3.35647	2.16E-03	2.82E-03	2.30E-03	1.76E-02	2.29E-02	1.87E-02
471	494916.28, 3862693.93	0.36393	3.15972	1.90E-03	2.48E-03	2.03E-03	1.65E-02	2.16E-02	1.76E-02
472	494916.28, 3862793.93	0.32431	2.76032	1.70E-03	2.21E-03	1.80E-03	1.44E-02	1.88E-02	1.54E-02
473	494916.28, 3862893.93	0.29132	2.52989	1.52E-03	1.99E-03	1.62E-03	1.32E-02	1.73E-02	1.41E-02
474	494916.28, 3862993.93	0.26334	2.52346	1.38E-03	1.80E-03	1.47E-03	1.32E-02	1.72E-02	1.40E-02
475	495016.28, 3862393.93	0.59371	5.15787	3.11E-03	4.05E-03	3.30E-03	2.70E-02	3.52E-02	2.87E-02
476	495016.28, 3862493.93	0.50055	4.15101	2.62E-03	3.41E-03	2.79E-03	2.17E-02	2.83E-02	2.31E-02
477	495016.28, 3862593.93	0.43044	3.44584	2.25E-03	2.94E-03	2.40E-03	1.80E-02	2.35E-02	1.92E-02
478	495016.28, 3862693.93	0.37875	3.23456	1.98E-03	2.58E-03	2.11E-03	1.69E-02	2.21E-02	1.80E-02
479	495016.28, 3862793.93	0.33591	2.78978	1.76E-03	2.29E-03	1.87E-03	1.46E-02	1.90E-02	1.55E-02
480	495016.28, 3862893.93	0.30076	2.58125	1.57E-03	2.05E-03	1.67E-03	1.35E-02	1.76E-02	1.44E-02
481	495016.28, 3862993.93	0.27139	2.57664	1.42E-03	1.85E-03	1.51E-03	1.35E-02	1.76E-02	1.43E-02
482	495116.28, 3862493.93	0.52528	4.25757	2.75E-03	3.58E-03	2.92E-03	2.23E-02	2.90E-02	2.37E-02
483	495116.28, 3862593.93	0.45103	3.55919	2.36E-03	3.08E-03	2.51E-03	1.86E-02	2.43E-02	1.98E-02
484	495116.28, 3862693.93	0.39434	3.29688	2.06E-03	2.69E-03	2.19E-03	1.73E-02	2.25E-02	1.83E-02
485	495116.28, 3862793.93	0.34788	2.83292	1.82E-03	2.37E-03	1.94E-03	1.48E-02	1.93E-02	1.58E-02
486	495116.28, 3862893.93	0.31064	2.66373	1.63E-03	2.12E-03	1.73E-03	1.39E-02	1.82E-02	1.48E-02
487	495216.28, 3862493.93	0.55302	4.39178	2.89E-03	3.77E-03	3.08E-03	2.30E-02	3.00E-02	2.44E-02
488	495216.28, 3862593.93	0.47207	3.67061	2.47E-03	3.22E-03	2.63E-03	1.92E-02	2.50E-02	2.04E-02
489	495216.28, 3862693.93	0.41077	3.35393	2.15E-03	2.80E-03	2.29E-03	1.76E-02	2.29E-02	1.87E-02
490	495216.28, 3862793.93	0.36033	2.88026	1.89E-03	2.46E-03	2.01E-03	1.51E-02	1.96E-02	1.60E-02
491	495216.28, 3862893.93	0.32052	2.7276	1.68E-03	2.19E-03	1.78E-03	1.43E-02	1.86E-02	1.52E-02
492	495316.28, 3862493.93	0.57963	4.46851	3.03E-03	3.95E-03	3.23E-03	2.34E-02	3.05E-02	2.49E-02

493	495316.28, 3862593.93	0.49439	3.78541	2.59E-03	3.37E-03	2.75E-03	1.98E-02	2.58E-02	2.11E-02
494	495316.28, 3862693.93	0.42879	3.43006	2.24E-03	2.92E-03	2.39E-03	1.80E-02	2.34E-02	1.91E-02
495	495316.28, 3862793.93	0.37353	2.93554	1.95E-03	2.55E-03	2.08E-03	1.54E-02	2.00E-02	1.63E-02
496	495316.28, 3862893.93	0.33184	2.8286	1.74E-03	2.26E-03	1.85E-03	1.48E-02	1.93E-02	1.57E-02
497	495416.28, 3862493.93	0.61271	4.64061	3.21E-03	4.18E-03	3.41E-03	2.43E-02	3.17E-02	2.58E-02
498	495416.28, 3862593.93	0.51989	3.92857	2.72E-03	3.55E-03	2.89E-03	2.06E-02	2.68E-02	2.19E-02
499	495416.28, 3862693.93	0.44638	3.47441	2.34E-03	3.04E-03	2.48E-03	1.82E-02	2.37E-02	1.93E-02
500	495416.28, 3862793.93	0.38874	3.00321	2.03E-03	2.65E-03	2.16E-03	1.57E-02	2.05E-02	1.67E-02
501	495416.28, 3862893.93	0.34382	2.92285	1.80E-03	2.35E-03	1.91E-03	1.53E-02	1.99E-02	1.63E-02
502	495516.28, 3862493.93	0.6512	4.87856	3.41E-03	4.44E-03	3.62E-03	2.55E-02	3.33E-02	2.72E-02
503	495516.28, 3862593.93	0.54489	4.04778	2.85E-03	3.72E-03	3.03E-03	2.12E-02	2.76E-02	2.25E-02
504	495516.28, 3862693.93	0.46591	3.52987	2.44E-03	3.18E-03	2.59E-03	1.85E-02	2.41E-02	1.96E-02
505	495516.28, 3862793.93	0.404	3.07762	2.11E-03	2.76E-03	2.25E-03	1.61E-02	2.10E-02	1.71E-02
506	495516.28, 3862893.93	0.35617	3.06527	1.86E-03	2.43E-03	1.98E-03	1.60E-02	2.09E-02	1.71E-02
507	495616.28, 3862593.93	0.57287	4.19375	3.00E-03	3.91E-03	3.19E-03	2.19E-02	2.86E-02	2.33E-02
508	495616.28, 3862693.93	0.48729	3.65133	2.55E-03	3.32E-03	2.71E-03	1.91E-02	2.49E-02	2.03E-02
509	495616.28, 3862793.93	0.4209	3.18107	2.20E-03	2.87E-03	2.34E-03	1.66E-02	2.17E-02	1.77E-02
510	495616.28, 3862893.93	0.3687	3.02429	1.93E-03	2.51E-03	2.05E-03	1.58E-02	2.06E-02	1.68E-02
511	495716.28, 3862593.93	0.60235	4.34226	3.15E-03	4.11E-03	3.35E-03	2.27E-02	2.96E-02	2.42E-02
512	495716.28, 3862693.93	0.50935	3.79304	2.67E-03	3.47E-03	2.83E-03	1.99E-02	2.59E-02	2.11E-02
513	495716.28, 3862793.93	0.43837	3.3217	2.29E-03	2.99E-03	2.44E-03	1.74E-02	2.27E-02	1.85E-02
514	495716.28, 3862893.93	0.38224	3.12415	2.00E-03	2.61E-03	2.13E-03	1.64E-02	2.13E-02	1.74E-02
515	495816.28, 3862593.93	0.63379	4.47896	3.32E-03	4.32E-03	3.53E-03	2.34E-02	3.06E-02	2.49E-02
516	495816.28, 3862693.93	0.53242	3.92751	2.79E-03	3.63E-03	2.96E-03	2.06E-02	2.68E-02	2.19E-02
517	495816.28, 3862793.93	0.45616	3.40878	2.39E-03	3.11E-03	2.54E-03	1.78E-02	2.33E-02	1.90E-02
518	495816.28, 3862893.93	0.39591	3.22362	2.07E-03	2.70E-03	2.20E-03	1.69E-02	2.20E-02	1.79E-02
519	495916.28, 3862593.93	0.66885	4.64532	3.50E-03	4.56E-03	3.72E-03	2.43E-02	3.17E-02	2.59E-02
520	495916.28, 3862693.93	0.55838	4.07868	2.92E-03	3.81E-03	3.11E-03	2.13E-02	2.78E-02	2.27E-02
521	495916.28, 3862793.93	0.47495	3.52966	2.49E-03	3.24E-03	2.64E-03	1.85E-02	2.41E-02	1.96E-02
522	495916.28, 3862893.93	0.41139	3.32823	2.15E-03	2.81E-03	2.29E-03	1.74E-02	2.27E-02	1.85E-02
523	496016.28, 3862593.93	0.70686	4.86073	3.70E-03	4.82E-03	3.93E-03	2.54E-02	3.32E-02	2.71E-02
524	496016.28, 3862693.93	0.58413	4.20821	3.06E-03	3.98E-03	3.25E-03	2.20E-02	2.87E-02	2.34E-02
525	496016.28, 3862793.93	0.49462	3.63466	2.59E-03	3.37E-03	2.75E-03	1.90E-02	2.48E-02	2.02E-02
526	496016.28, 3862893.93	0.42648	3.41633	2.23E-03	2.91E-03	2.37E-03	1.79E-02	2.33E-02	1.90E-02
527	496116.28, 3862593.93	0.74716	5.08751	3.91E-03	5.10E-03	4.16E-03	2.66E-02	3.47E-02	2.83E-02
528	496116.28, 3862693.93	0.61221	4.33497	3.20E-03	4.18E-03	3.41E-03	2.27E-02	2.96E-02	2.41E-02
529	496116.28, 3862793.93	0.51462	3.7647	2.69E-03	3.51E-03	2.86E-03	1.97E-02	2.57E-02	2.10E-02
530	496116.28, 3862893.93	0.44257	3.49181	2.32E-03	3.02E-03	2.46E-03	1.83E-02	2.38E-02	1.94E-02
531	496216.28, 3862693.93	0.64159	4.44725	3.36E-03	4.38E-03	3.57E-03	2.33E-02	3.03E-02	2.48E-02
532	496216.28, 3862793.93	0.53776	3.92353	2.81E-03	3.67E-03	2.99E-03	2.05E-02	2.68E-02	2.18E-02
533	496216.28, 3862893.93	0.45956	3.54922	2.41E-03	3.13E-03	2.56E-03	1.86E-02	2.42E-02	1.98E-02
534	496216.28, 3862993.93	0.40168	3.26711	2.10E-03	2.74E-03	2.24E-03	1.71E-02	2.23E-02	1.82E-02
535	496316.28, 3862693.93	0.67344	4.54859	3.52E-03	4.59E-03	3.75E-03	2.38E-02	3.10E-02	2.53E-02
536	496316.28, 3862793.93	0.5609	4.06658	2.94E-03	3.83E-03	3.12E-03	2.13E-02	2.77E-02	2.26E-02
537	496316.28, 3862893.93	0.47836	3.64499	2.50E-03	3.26E-03	2.66E-03	1.91E-02	2.49E-02	2.03E-02
538	496316.28, 3862993.93	0.41484	3.28026	2.17E-03	2.83E-03	2.31E-03	1.72E-02	2.24E-02	1.83E-02
539	496316.28, 3863093.93	0.36382	2.77692	1.90E-03	2.48E-03	2.02E-03	1.45E-02	1.89E-02	1.55E-02
540	496416.28, 3862693.93	0.7049	4.69367	3.69E-03	4.81E-03	3.92E-03	2.46E-02	3.20E-02	2.61E-02
541	496416.28, 3862793.93	0.58707	4.19772	3.07E-03	4.00E-03	3.27E-03	2.20E-02	2.86E-02	2.34E-02
542	496416.28, 3862893.93	0.49743	3.75998	2.60E-03	3.39E-03	2.77E-03	1.97E-02	2.56E-02	2.09E-02
543	496416.28, 3862993.93	0.42848	3.26143	2.24E-03	2.92E-03	2.38E-03	1.71E-02	2.22E-02	1.82E-02
544	496416.28, 3863093.93	0.37284	2.82378	1.95E-03	2.54E-03	2.08E-03	1.48E-02	1.93E-02	1.57E-02
545	496516.28, 3862693.93	0.7437	4.94652	3.89E-03	5.07E-03	4.14E-03	2.59E-02	3.37E-02	2.75E-02
546	496516.28, 3862793.93	0.6093	4.26122	3.19E-03	4.16E-03	3.39E-03	2.23E-02	2.91E-02	2.37E-02
547	496516.28, 3862893.93	0.51637	3.8104	2.70E-03	3.52E-03	2.87E-03	1.99E-02	2.60E-02	2.12E-02
548	496516.28, 3862993.93	0.44206	3.21865	2.31E-03	3.02E-03	2.46E-03	1.68E-02	2.20E-02	1.79E-02
549	496516.28, 3863093.93	0.38258	2.8786	2.00E-03	2.61E-03	2.13E-03	1.51E-02	1.96E-02	1.60E-02
550	496516.28, 3863193.93	0.3357	2.64509	1.76E-03	2.29E-03	1.87E-03	1.38E-02	1.80E-02	1.47E-02
551	496516.28, 3863293.93	0.29818	2.4213	1.56E-03	2.03E-03	1.66E-03	1.27E-02	1.65E-02	1.35E-02
552	496616.28, 3862693.93	0.78104	5.15229	4.09E-03	5.33E-03	4.35E-03	2.70E-02	3.51E-02	2.87E-02
553	496616.28, 3862793.93	0.63829	4.41545	3.34E-03	4.35E-03	3.55E-03	2.31E-02	3.01E-02	2.46E-02
554	496616.28, 3862893.93	0.53483	3.80958	2.80E-03	3.65E-03	2.98E-03	1.99E-02	2.60E-02	2.12E-02

555	496616.28, 3862993.93	0.456	3.1966	2.39E-03	3.11E-03	2.54E-03	1.67E-02	2.18E-02	1.78E-02
556	496616.28, 3863093.93	0.39308	2.91797	2.06E-03	2.68E-03	2.19E-03	1.53E-02	1.99E-02	1.62E-02
557	496616.28, 3863193.93	0.34327	2.66425	1.80E-03	2.34E-03	1.91E-03	1.39E-02	1.82E-02	1.48E-02
558	496616.28, 3863293.93	0.30399	2.42832	1.59E-03	2.07E-03	1.69E-03	1.27E-02	1.66E-02	1.35E-02
559	496716.28, 3862793.93	0.66638	4.51983	3.49E-03	4.55E-03	3.71E-03	2.37E-02	3.08E-02	2.52E-02
560	496716.28, 3862893.93	0.55568	3.79407	2.91E-03	3.79E-03	3.09E-03	1.99E-02	2.59E-02	2.11E-02
561	496716.28, 3862993.93	0.46935	3.25555	2.46E-03	3.20E-03	2.61E-03	1.70E-02	2.22E-02	1.81E-02
562	496716.28, 3863093.93	0.40343	2.95777	2.11E-03	2.75E-03	2.25E-03	1.55E-02	2.02E-02	1.65E-02
563	496716.28, 3863193.93	0.35123	2.69693	1.84E-03	2.40E-03	1.95E-03	1.41E-02	1.84E-02	1.50E-02
564	496716.28, 3863293.93	0.31013	2.42855	1.62E-03	2.12E-03	1.73E-03	1.27E-02	1.66E-02	1.35E-02
565	496716.28, 3863393.93	0.27565	2.13154	1.44E-03	1.88E-03	1.53E-03	1.12E-02	1.45E-02	1.19E-02
566	496816.28, 3862793.93	0.70309	4.58004	3.68E-03	4.80E-03	3.91E-03	2.40E-02	3.12E-02	2.55E-02
567	496816.28, 3862893.93	0.57385	3.7676	3.00E-03	3.91E-03	3.19E-03	1.97E-02	2.57E-02	2.10E-02
568	496816.28, 3862993.93	0.4826	3.31134	2.53E-03	3.29E-03	2.69E-03	1.73E-02	2.26E-02	1.84E-02
569	496816.28, 3863093.93	0.41404	3.01708	2.17E-03	2.82E-03	2.30E-03	1.58E-02	2.06E-02	1.68E-02
570	496816.28, 3863193.93	0.35921	2.7192	1.88E-03	2.45E-03	2.00E-03	1.42E-02	1.85E-02	1.51E-02
571	496816.28, 3863293.93	0.31602	2.39515	1.65E-03	2.16E-03	1.76E-03	1.25E-02	1.63E-02	1.33E-02
572	496816.28, 3863393.93	0.28017	2.13072	1.47E-03	1.91E-03	1.56E-03	1.12E-02	1.45E-02	1.19E-02
573	496916.28, 3862793.93	0.7146	4.53355	3.74E-03	4.87E-03	3.98E-03	2.37E-02	3.09E-02	2.52E-02
574	496916.28, 3862893.93	0.59198	3.88306	3.10E-03	4.04E-03	3.29E-03	2.03E-02	2.65E-02	2.16E-02
575	496916.28, 3862993.93	0.49699	3.39826	2.60E-03	3.39E-03	2.77E-03	1.78E-02	2.32E-02	1.89E-02
576	496916.28, 3863093.93	0.42359	3.05574	2.22E-03	2.89E-03	2.36E-03	1.60E-02	2.08E-02	1.70E-02
577	496916.28, 3863193.93	0.36665	2.69532	1.92E-03	2.50E-03	2.04E-03	1.41E-02	1.84E-02	1.50E-02
578	496916.28, 3863293.93	0.32155	2.34936	1.68E-03	2.19E-03	1.79E-03	1.23E-02	1.60E-02	1.31E-02
579	496916.28, 3863393.93	0.28527	2.11703	1.49E-03	1.95E-03	1.59E-03	1.11E-02	1.44E-02	1.18E-02
580	497016.28, 3862793.93	0.7415	4.70194	3.88E-03	5.06E-03	4.13E-03	2.46E-02	3.21E-02	2.62E-02
581	497016.28, 3862893.93	0.61071	4.00224	3.20E-03	4.17E-03	3.40E-03	2.09E-02	2.73E-02	2.23E-02
582	497016.28, 3862993.93	0.50986	3.4512	2.67E-03	3.48E-03	2.84E-03	1.81E-02	2.35E-02	1.92E-02
583	497016.28, 3863093.93	0.4332	3.04027	2.27E-03	2.95E-03	2.41E-03	1.59E-02	2.07E-02	1.69E-02
584	497016.28, 3863193.93	0.37405	2.66651	1.96E-03	2.55E-03	2.08E-03	1.40E-02	1.82E-02	1.48E-02
585	497016.28, 3863293.93	0.32641	2.39333	1.71E-03	2.23E-03	1.82E-03	1.25E-02	1.63E-02	1.33E-02
586	497016.28, 3863393.93	0.28966	2.16618	1.52E-03	1.98E-03	1.61E-03	1.13E-02	1.48E-02	1.21E-02
587	497116.28, 3862793.93	0.77479	4.8996	4.05E-03	5.28E-03	4.31E-03	2.56E-02	3.34E-02	2.73E-02
588	497116.28, 3862893.93	0.62479	4.01836	3.27E-03	4.26E-03	3.48E-03	2.10E-02	2.74E-02	2.24E-02
589	497116.28, 3862993.93	0.52414	3.45435	2.74E-03	3.58E-03	2.92E-03	1.81E-02	2.36E-02	1.92E-02
590	497116.28, 3863093.93	0.44494	3.04306	2.33E-03	3.03E-03	2.48E-03	1.59E-02	2.08E-02	1.69E-02
591	497116.28, 3863193.93	0.38101	2.71167	1.99E-03	2.60E-03	2.12E-03	1.42E-02	1.85E-02	1.51E-02
592	497116.28, 3863293.93	0.33127	2.43909	1.73E-03	2.26E-03	1.84E-03	1.28E-02	1.66E-02	1.36E-02
593	497116.28, 3863393.93	0.29258	2.20914	1.53E-03	2.00E-03	1.63E-03	1.16E-02	1.51E-02	1.23E-02
594	497216.28, 3862793.93	0.80015	4.90338	4.19E-03	5.46E-03	4.45E-03	2.57E-02	3.34E-02	2.73E-02
595	497216.28, 3862893.93	0.63995	4.01491	3.35E-03	4.37E-03	3.56E-03	2.10E-02	2.74E-02	2.23E-02
596	497216.28, 3862993.93	0.53169	3.45994	2.78E-03	3.63E-03	2.96E-03	1.81E-02	2.36E-02	1.93E-02
597	497216.28, 3863093.93	0.45287	3.08222	2.37E-03	3.09E-03	2.52E-03	1.61E-02	2.10E-02	1.72E-02
598	497216.28, 3863193.93	0.38737	2.75486	2.03E-03	2.64E-03	2.16E-03	1.44E-02	1.88E-02	1.53E-02
599	497216.28, 3863293.93	0.3358	2.48046	1.76E-03	2.29E-03	1.87E-03	1.30E-02	1.69E-02	1.38E-02
600	497216.28, 3863393.93	0.29542	2.24602	1.55E-03	2.02E-03	1.64E-03	1.18E-02	1.53E-02	1.25E-02
601	497316.28, 3862793.93	0.82584	4.87319	4.32E-03	5.63E-03	4.60E-03	2.55E-02	3.32E-02	2.71E-02
602	497316.28, 3862893.93	0.65847	4.04105	3.45E-03	4.49E-03	3.66E-03	2.11E-02	2.76E-02	2.25E-02
603	497316.28, 3862993.93	0.5436	3.49672	2.84E-03	3.71E-03	3.03E-03	1.83E-02	2.39E-02	1.95E-02
604	497316.28, 3863093.93	0.45843	3.10179	2.40E-03	3.13E-03	2.55E-03	1.62E-02	2.12E-02	1.73E-02
605	497316.28, 3863193.93	0.3917	2.77957	2.05E-03	2.67E-03	2.18E-03	1.45E-02	1.90E-02	1.55E-02
606	497316.28, 3863293.93	0.33969	2.51194	1.78E-03	2.32E-03	1.89E-03	1.31E-02	1.71E-02	1.40E-02
607	497316.28, 3863393.93	0.29878	2.28065	1.56E-03	2.04E-03	1.66E-03	1.19E-02	1.56E-02	1.27E-02
608	497416.28, 3862793.93	0.85099	4.80679	4.45E-03	5.80E-03	4.74E-03	2.52E-02	3.28E-02	2.68E-02
609	497416.28, 3862893.93	0.67127	4.01722	3.51E-03	4.58E-03	3.74E-03	2.10E-02	2.74E-02	2.24E-02
610	497416.28, 3862993.93	0.55378	3.5203	2.90E-03	3.78E-03	3.08E-03	1.84E-02	2.40E-02	1.96E-02
611	497416.28, 3863093.93	0.46513	3.12849	2.43E-03	3.17E-03	2.59E-03	1.64E-02	2.13E-02	1.74E-02
612	497416.28, 3863193.93	0.39643	2.80642	2.07E-03	2.70E-03	2.21E-03	1.47E-02	1.91E-02	1.56E-02
613	497416.28, 3863293.93	0.34365	2.54191	1.80E-03	2.34E-03	1.91E-03	1.33E-02	1.73E-02	1.41E-02
614	497416.28, 3863393.93	0.30174	2.30749	1.58E-03	2.06E-03	1.68E-03	1.21E-02	1.57E-02	1.28E-02
615	497516.28, 3862693.93	1.21282	6.67691	6.35E-03	8.27E-03	6.75E-03	3.49E-02	4.55E-02	3.72E-02
616	497516.28, 3862793.93	0.87276	4.74318	4.57E-03	5.95E-03	4.86E-03	2.48E-02	3.24E-02	2.64E-02

617	497516.28, 3862893.93	0.68506	4.00299	3.59E-03	4.67E-03	3.81E-03	2.09E-02	2.73E-02	2.23E-02
618	497516.28, 3862993.93	0.56754	3.5749	2.97E-03	3.87E-03	3.16E-03	1.87E-02	2.44E-02	1.99E-02
619	497516.28, 3863093.93	0.46887	3.13732	2.45E-03	3.20E-03	2.61E-03	1.64E-02	2.14E-02	1.75E-02
620	497516.28, 3863193.93	0.40129	2.83684	2.10E-03	2.74E-03	2.23E-03	1.48E-02	1.93E-02	1.58E-02
621	497516.28, 3863293.93	0.34678	2.56425	1.81E-03	2.37E-03	1.93E-03	1.34E-02	1.75E-02	1.43E-02
622	497516.28, 3863393.93	0.30508	2.33158	1.60E-03	2.08E-03	1.70E-03	1.22E-02	1.59E-02	1.30E-02
623	497616.28, 3862693.93	1.23851	7.01576	6.48E-03	8.45E-03	6.89E-03	3.67E-02	4.79E-02	3.90E-02
624	497616.28, 3862793.93	0.89159	5.05144	4.67E-03	6.08E-03	4.96E-03	2.64E-02	3.45E-02	2.81E-02
625	497616.28, 3862893.93	0.69618	3.97501	3.64E-03	4.75E-03	3.87E-03	2.08E-02	2.71E-02	2.21E-02
626	497616.28, 3862993.93	0.57451	3.5812	3.01E-03	3.92E-03	3.20E-03	1.87E-02	2.44E-02	1.99E-02
627	497616.28, 3863093.93	0.47404	3.15925	2.48E-03	3.23E-03	2.64E-03	1.65E-02	2.15E-02	1.76E-02
628	497616.28, 3863193.93	0.40676	2.87397	2.13E-03	2.77E-03	2.26E-03	1.50E-02	1.96E-02	1.60E-02
629	497616.28, 3863293.93	0.35014	2.58502	1.83E-03	2.39E-03	1.95E-03	1.35E-02	1.76E-02	1.44E-02
630	497616.28, 3863393.93	0.30822	2.3445	1.61E-03	2.10E-03	1.72E-03	1.23E-02	1.60E-02	1.30E-02
631	497716.28, 3862693.93	1.26021	7.39325	6.60E-03	8.60E-03	7.01E-03	3.87E-02	5.04E-02	4.11E-02
632	497716.28, 3862793.93	0.90374	5.35527	4.73E-03	6.16E-03	5.03E-03	2.80E-02	3.65E-02	2.98E-02
633	497716.28, 3862893.93	0.70466	4.00119	3.69E-03	4.81E-03	3.92E-03	2.09E-02	2.73E-02	2.23E-02
634	497716.28, 3862993.93	0.581	3.58371	3.04E-03	3.96E-03	3.23E-03	1.88E-02	2.44E-02	1.99E-02
635	497716.28, 3863093.93	0.47967	3.1843	2.51E-03	3.27E-03	2.67E-03	1.67E-02	2.17E-02	1.77E-02
636	497716.28, 3863193.93	0.41113	2.9003	2.15E-03	2.80E-03	2.29E-03	1.52E-02	1.98E-02	1.61E-02
637	497716.28, 3863293.93	0.355	2.61053	1.86E-03	2.42E-03	1.98E-03	1.37E-02	1.78E-02	1.45E-02
638	497716.28, 3863393.93	0.31088	2.33977	1.63E-03	2.12E-03	1.73E-03	1.22E-02	1.60E-02	1.30E-02
639	497816.28, 3862693.93	1.25767	7.53497	6.58E-03	8.58E-03	7.00E-03	3.94E-02	5.14E-02	4.19E-02
640	497816.28, 3862793.93	0.91241	5.6546	4.78E-03	6.22E-03	5.08E-03	2.96E-02	3.86E-02	3.15E-02
641	497816.28, 3862893.93	0.71109	4.26938	3.72E-03	4.85E-03	3.96E-03	2.23E-02	2.91E-02	2.38E-02
642	497816.28, 3862993.93	0.58569	3.57547	3.07E-03	3.99E-03	3.26E-03	1.87E-02	2.44E-02	1.99E-02
643	497816.28, 3863093.93	0.48457	3.20027	2.54E-03	3.31E-03	2.70E-03	1.67E-02	2.18E-02	1.78E-02
644	497816.28, 3863193.93	0.41408	2.90518	2.17E-03	2.82E-03	2.30E-03	1.52E-02	1.98E-02	1.62E-02
645	497816.28, 3863293.93	0.35883	2.61285	1.88E-03	2.45E-03	2.00E-03	1.37E-02	1.78E-02	1.45E-02
646	497816.28, 3863393.93	0.31345	2.31936	1.64E-03	2.14E-03	1.74E-03	1.21E-02	1.58E-02	1.29E-02
647	497916.28, 3862693.93	1.23851	7.30393	6.48E-03	8.45E-03	6.89E-03	3.82E-02	4.98E-02	4.07E-02
648	497916.28, 3862793.93	0.91599	5.90205	4.79E-03	6.25E-03	5.10E-03	3.09E-02	4.03E-02	3.28E-02
649	497916.28, 3862893.93	0.72306	4.58879	3.78E-03	4.93E-03	4.02E-03	2.40E-02	3.13E-02	2.55E-02
650	497916.28, 3862993.93	0.58984	3.56604	3.09E-03	4.02E-03	3.28E-03	1.87E-02	2.43E-02	1.98E-02
651	497916.28, 3863093.93	0.49093	3.22105	2.57E-03	3.35E-03	2.73E-03	1.69E-02	2.20E-02	1.79E-02
652	497916.28, 3863193.93	0.4164	2.88694	2.18E-03	2.84E-03	2.32E-03	1.51E-02	1.97E-02	1.61E-02
653	497916.28, 3863293.93	0.36087	2.58085	1.89E-03	2.46E-03	2.01E-03	1.35E-02	1.76E-02	1.44E-02
654	497916.28, 3863393.93	0.31575	2.28396	1.65E-03	2.15E-03	1.76E-03	1.20E-02	1.56E-02	1.27E-02
655	498016.28, 3862693.93	1.27345	7.22267	6.66E-03	8.69E-03	7.09E-03	3.78E-02	4.93E-02	4.02E-02
656	498016.28, 3862793.93	0.95033	6.32612	4.97E-03	6.48E-03	5.29E-03	3.31E-02	4.31E-02	3.52E-02
657	498016.28, 3862893.93	0.73017	4.87568	3.82E-03	4.98E-03	4.06E-03	2.55E-02	3.33E-02	2.71E-02
658	498016.28, 3862993.93	0.59573	3.78351	3.12E-03	4.06E-03	3.32E-03	1.98E-02	2.58E-02	2.11E-02
659	498016.28, 3863093.93	0.49459	3.20079	2.59E-03	3.37E-03	2.75E-03	1.68E-02	2.18E-02	1.78E-02
660	498016.28, 3863193.93	0.41957	2.85195	2.20E-03	2.86E-03	2.34E-03	1.49E-02	1.95E-02	1.59E-02
661	498016.28, 3863293.93	0.36126	2.5164	1.89E-03	2.46E-03	2.01E-03	1.32E-02	1.72E-02	1.40E-02
662	498016.28, 3863393.93	0.31759	2.23162	1.66E-03	2.17E-03	1.77E-03	1.17E-02	1.52E-02	1.24E-02
663	498116.28, 3862693.93	1.24008	6.53698	6.49E-03	8.46E-03	6.90E-03	3.42E-02	4.46E-02	3.64E-02
664	498116.28, 3862793.93	0.93856	6.24642	4.91E-03	6.40E-03	5.22E-03	3.27E-02	4.26E-02	3.48E-02
665	498116.28, 3862893.93	0.73517	5.12472	3.85E-03	5.01E-03	4.09E-03	2.68E-02	3.50E-02	2.85E-02
666	498116.28, 3862993.93	0.5937	3.97683	3.11E-03	4.05E-03	3.30E-03	2.08E-02	2.71E-02	2.21E-02
667	498116.28, 3863093.93	0.49391	3.11114	2.58E-03	3.37E-03	2.75E-03	1.63E-02	2.12E-02	1.73E-02
668	498116.28, 3863193.93	0.42068	2.7727	2.20E-03	2.87E-03	2.34E-03	1.45E-02	1.89E-02	1.54E-02
669	498116.28, 3863293.93	0.36432	2.45541	1.91E-03	2.48E-03	2.03E-03	1.29E-02	1.67E-02	1.37E-02
670	498116.28, 3863393.93	0.31786	2.14403	1.66E-03	2.17E-03	1.77E-03	1.12E-02	1.46E-02	1.19E-02
671	498216.28, 3862693.93	1.2194	6.01238	6.38E-03	8.32E-03	6.79E-03	3.15E-02	4.10E-02	3.35E-02
672	498216.28, 3862793.93	0.92235	5.98231	4.83E-03	6.29E-03	5.13E-03	3.13E-02	4.08E-02	3.33E-02
673	498216.28, 3862893.93	0.72955	5.22026	3.82E-03	4.98E-03	4.06E-03	2.73E-02	3.56E-02	2.91E-02
674	498216.28, 3862993.93	0.59899	4.22224	3.13E-03	4.09E-03	3.33E-03	2.21E-02	2.88E-02	2.35E-02
675	498216.28, 3863093.93	0.49554	3.26938	2.59E-03	3.38E-03	2.76E-03	1.71E-02	2.23E-02	1.82E-02
676	498216.28, 3863193.93	0.42237	2.70925	2.21E-03	2.88E-03	2.35E-03	1.42E-02	1.85E-02	1.51E-02
677	498316.28, 3862693.93	1.19597	6.04952	6.26E-03	8.16E-03	6.66E-03	3.17E-02	4.13E-02	3.37E-02
678	498316.28, 3862793.93	0.90829	5.63289	4.75E-03	6.20E-03	5.06E-03	2.95E-02	3.84E-02	3.14E-02

679	498316.28, 3862893.93	0.72639	5.24611	3.80E-03	4.95E-03	4.04E-03	2.75E-02	3.58E-02	2.92E-02
680	498316.28, 3862993.93	0.59286	4.34858	3.10E-03	4.04E-03	3.30E-03	2.28E-02	2.97E-02	2.42E-02
681	498316.28, 3863093.93	0.49584	3.45792	2.59E-03	3.38E-03	2.76E-03	1.81E-02	2.36E-02	1.92E-02
682	498316.28, 3863193.93	0.42159	2.71324	2.21E-03	2.88E-03	2.35E-03	1.42E-02	1.85E-02	1.51E-02
683	498416.28, 3862593.93	1.54775	7.44946	8.10E-03	1.06E-02	8.61E-03	3.90E-02	5.08E-02	4.15E-02
684	498416.28, 3862693.93	1.17281	5.99634	6.14E-03	8.00E-03	6.53E-03	3.14E-02	4.09E-02	3.34E-02
685	498416.28, 3862793.93	0.89815	5.26703	4.70E-03	6.13E-03	5.00E-03	2.76E-02	3.59E-02	2.93E-02
686	498416.28, 3862893.93	0.71833	5.13692	3.76E-03	4.90E-03	4.00E-03	2.69E-02	3.50E-02	2.86E-02
687	498416.28, 3862993.93	0.58844	4.44717	3.08E-03	4.01E-03	3.27E-03	2.33E-02	3.03E-02	2.48E-02
688	498416.28, 3863093.93	0.49343	3.61814	2.58E-03	3.37E-03	2.75E-03	1.89E-02	2.47E-02	2.01E-02
689	498416.28, 3863193.93	0.42157	2.88262	2.21E-03	2.88E-03	2.35E-03	1.51E-02	1.97E-02	1.60E-02
690	498516.28, 3862593.93	1.48751	7.1844	7.78E-03	1.01E-02	8.28E-03	3.76E-02	4.90E-02	4.00E-02
691	498516.28, 3862693.93	1.14184	5.94935	5.98E-03	7.79E-03	6.35E-03	3.11E-02	4.06E-02	3.31E-02
692	498516.28, 3862793.93	0.8742	4.80533	4.58E-03	5.96E-03	4.87E-03	2.51E-02	3.28E-02	2.67E-02
693	498516.28, 3862893.93	0.70635	4.91865	3.70E-03	4.82E-03	3.93E-03	2.57E-02	3.35E-02	2.74E-02
694	498516.28, 3862993.93	0.58227	4.4734	3.05E-03	3.97E-03	3.24E-03	2.34E-02	3.05E-02	2.49E-02
695	498516.28, 3863093.93	0.48941	3.74864	2.56E-03	3.34E-03	2.72E-03	1.96E-02	2.56E-02	2.09E-02
696	498516.28, 3863193.93	0.42194	3.05937	2.21E-03	2.88E-03	2.35E-03	1.60E-02	2.09E-02	1.70E-02
697	498616.28, 3862593.93	1.43061	6.93419	7.49E-03	9.76E-03	7.96E-03	3.63E-02	4.73E-02	3.86E-02
698	498616.28, 3862693.93	1.1149	5.89395	5.83E-03	7.60E-03	6.21E-03	3.08E-02	4.02E-02	3.28E-02
699	498616.28, 3862793.93	0.87137	4.53561	4.56E-03	5.94E-03	4.85E-03	2.37E-02	3.09E-02	2.52E-02
700	498616.28, 3862893.93	0.69618	4.67056	3.64E-03	4.75E-03	3.87E-03	2.44E-02	3.19E-02	2.60E-02
701	498616.28, 3862993.93	0.57756	4.45595	3.02E-03	3.94E-03	3.21E-03	2.33E-02	3.04E-02	2.48E-02
702	498616.28, 3863093.93	0.48537	3.85245	2.54E-03	3.31E-03	2.70E-03	2.02E-02	2.63E-02	2.14E-02
703	498616.28, 3863193.93	0.41549	3.17227	2.17E-03	2.83E-03	2.31E-03	1.66E-02	2.16E-02	1.77E-02

		PM2.5	PM2.5		Annual			24 HR		
		Period	24 hr		2028	2033	2048	2028	2033	2048
		Concentration [ug/m^3] at 1 g/s		Rates (g/s):	5.08E-03	6.62E-03	5.40E-03	5.08E-03	6.62E-03	5.40E-03
	X, Y	SLINE1	SLINE1							
1	492865.26, 3860327.3	0.11807	1.06397		5.99E-04	7.81E-04	6.37E-04	5.40E-03	7.04E-03	5.74E-03
2	492865.26, 3860377.3	0.13586	1.18146		6.90E-04	8.99E-04	7.33E-04	6.00E-03	7.82E-03	6.38E-03
3	492865.26, 3860427.3	0.15671	1.31255		7.96E-04	1.04E-03	8.46E-04	6.66E-03	8.68E-03	7.09E-03
4	492915.26, 3860327.3	0.11365	0.97609		5.77E-04	7.52E-04	6.14E-04	4.96E-03	6.46E-03	5.27E-03
5	492915.26, 3860377.3	0.13372	1.11597		6.79E-04	8.85E-04	7.22E-04	5.67E-03	7.38E-03	6.02E-03
6	492915.26, 3860427.3	0.15684	1.28224		7.96E-04	1.04E-03	8.47E-04	6.51E-03	8.48E-03	6.92E-03
7	492965.26, 3860327.3	0.10604	0.85288		5.38E-04	7.02E-04	5.72E-04	4.33E-03	5.64E-03	4.60E-03
8	492965.26, 3860377.3	0.12266	0.95254		6.23E-04	8.12E-04	6.62E-04	4.84E-03	6.30E-03	5.14E-03
9	492965.26, 3860427.3	0.15191	1.22396		7.71E-04	1.01E-03	8.20E-04	6.21E-03	8.10E-03	6.61E-03
10	493015.26, 3860327.3	0.09627	0.72421		4.89E-04	6.37E-04	5.20E-04	3.68E-03	4.79E-03	3.91E-03
11	493015.26, 3860377.3	0.11289	0.83844		5.73E-04	7.47E-04	6.09E-04	4.26E-03	5.55E-03	4.53E-03
12	493015.26, 3860427.3	0.13878	1.06912		7.05E-04	9.18E-04	7.49E-04	5.43E-03	7.07E-03	5.77E-03
13	493065.26, 3860327.3	0.08877	0.6425		4.51E-04	5.87E-04	4.79E-04	3.26E-03	4.25E-03	3.47E-03
14	493065.26, 3860377.3	0.10431	0.72436		5.30E-04	6.90E-04	5.63E-04	3.68E-03	4.79E-03	3.91E-03
15	493065.26, 3860427.3	0.13614	1.00596		6.91E-04	9.01E-04	7.35E-04	5.11E-03	6.66E-03	5.43E-03
16	493065.26, 3860477.3	0.17454	1.301		8.86E-04	1.15E-03	9.42E-04	6.60E-03	8.61E-03	7.02E-03
17	493115.26, 3860327.3	0.08762	0.61175		4.45E-04	5.80E-04	4.73E-04	3.11E-03	4.05E-03	3.30E-03
18	493115.26, 3860377.3	0.10781	0.74234		5.47E-04	7.13E-04	5.82E-04	3.77E-03	4.91E-03	4.01E-03
19	493115.26, 3860427.3	0.13689	0.97832		6.95E-04	9.06E-04	7.39E-04	4.97E-03	6.47E-03	5.28E-03
20	493115.26, 3860477.3	0.17381	1.24462		8.82E-04	1.15E-03	9.38E-04	6.32E-03	8.23E-03	6.72E-03
21	493165.26, 3860327.3	0.09618	0.6629		4.88E-04	6.36E-04	5.19E-04	3.37E-03	4.39E-03	3.58E-03
22	493165.26, 3860377.3	0.1165	0.81355		5.91E-04	7.71E-04	6.29E-04	4.13E-03	5.38E-03	4.39E-03
23	493165.26, 3860427.3	0.1488	1.08335		7.55E-04	9.85E-04	8.03E-04	5.50E-03	7.17E-03	5.85E-03
24	493165.26, 3860477.3	0.18068	1.25908		9.17E-04	1.20E-03	9.75E-04	6.39E-03	8.33E-03	6.80E-03
25	493215.26, 3860327.3	0.10624	0.7631		5.39E-04	7.03E-04	5.74E-04	3.87E-03	5.05E-03	4.12E-03
26	493215.26, 3860377.3	0.12697	0.91582		6.45E-04	8.40E-04	6.85E-04	4.65E-03	6.06E-03	4.94E-03
27	493215.26, 3860427.3	0.1486	1.02808		7.54E-04	9.83E-04	8.02E-04	5.22E-03	6.80E-03	5.55E-03
28	493215.26, 3860477.3	0.17746	1.15857		9.01E-04	1.17E-03	9.58E-04	5.88E-03	7.67E-03	6.25E-03
29	493265.26, 3860327.3	0.10474	0.73204		5.32E-04	6.93E-04	5.65E-04	3.72E-03	4.84E-03	3.95E-03
30	493265.26, 3860377.3	0.11834	0.78938		6.01E-04	7.83E-04	6.39E-04	4.01E-03	5.22E-03	4.26E-03
31	493265.26, 3860427.3	0.14057	0.89492		7.14E-04	9.30E-04	7.59E-04	4.54E-03	5.92E-03	4.83E-03
32	493265.26, 3860477.3	0.17332	1.0563		8.80E-04	1.15E-03	9.36E-04	5.36E-03	6.99E-03	5.70E-03
33	493265.26, 3860527.3	0.20468	1.1776		1.04E-03	1.35E-03	1.10E-03	5.98E-03	7.79E-03	6.36E-03
34	493315.26, 3860327.3	0.10094	0.66807		5.12E-04	6.68E-04	5.45E-04	3.39E-03	4.42E-03	3.61E-03
35	493315.26, 3860377.3	0.11823	0.75558		6.00E-04	7.82E-04	6.38E-04	3.84E-03	5.00E-03	4.08E-03
36	493315.26, 3860427.3	0.13564	0.80355		6.89E-04	8.97E-04	7.32E-04	4.08E-03	5.32E-03	4.34E-03
37	493315.26, 3860477.3	0.16875	0.97864		8.57E-04	1.12E-03	9.11E-04	4.97E-03	6.47E-03	5.28E-03
38	493315.26, 3860527.3	0.20203	1.12979		1.03E-03	1.34E-03	1.09E-03	5.74E-03	7.48E-03	6.10E-03
39	493365.26, 3860327.3	0.09966	0.63587		5.06E-04	6.59E-04	5.38E-04	3.23E-03	4.21E-03	3.43E-03
40	493365.26, 3860377.3	0.11682	0.71272		5.93E-04	7.73E-04	6.31E-04	3.62E-03	4.72E-03	3.85E-03
41	493365.26, 3860427.3	0.13794	0.80508		7.00E-04	9.13E-04	7.45E-04	4.09E-03	5.33E-03	4.35E-03
42	493365.26, 3860477.3	0.17087	0.97819		8.67E-04	1.13E-03	9.22E-04	4.97E-03	6.47E-03	5.28E-03
43	493365.26, 3860527.3	0.21122	1.19402		1.07E-03	1.40E-03	1.14E-03	6.06E-03	7.90E-03	6.45E-03
44	493651.76, 3860323.73	0.12088	0.74591		6.14E-04	8.00E-04	6.53E-04	3.79E-03	4.94E-03	4.03E-03
45	493651.76, 3860373.73	0.14165	0.84792		7.19E-04	9.37E-04	7.65E-04	4.30E-03	5.61E-03	4.58E-03
46	493651.76, 3860423.73	0.16613	0.95761		8.43E-04	1.10E-03	8.97E-04	4.86E-03	6.34E-03	5.17E-03
47	493651.76, 3860473.73	0.1946	1.08731		9.88E-04	1.29E-03	1.05E-03	5.52E-03	7.19E-03	5.87E-03
48	493651.76, 3860523.73	0.22841	1.2183		1.16E-03	1.51E-03	1.23E-03	6.18E-03	8.06E-03	6.58E-03
49	493651.76, 3860573.73	0.26935	1.3555		1.37E-03	1.78E-03	1.45E-03	6.88E-03	8.97E-03	7.32E-03
50	493651.76, 3860623.73	0.31749	1.53742		1.61E-03	2.10E-03	1.71E-03	7.80E-03	1.02E-02	8.30E-03
51	493701.76, 3860323.73	0.1221	0.74154		6.20E-04	8.08E-04	6.59E-04	3.76E-03	4.91E-03	4.00E-03
52	493701.76, 3860373.73	0.1406	0.82132		7.14E-04	9.30E-04	7.59E-04	4.17E-03	5.43E-03	4.43E-03
53	493701.76, 3860423.73	0.17046	0.97898		8.65E-04	1.13E-03	9.20E-04	4.97E-03	6.48E-03	5.29E-03
54	493701.76, 3860473.73	0.19643	1.08213		9.97E-04	1.30E-03	1.06E-03	5.49E-03	7.16E-03	5.84E-03
55	493701.76, 3860523.73	0.23096	1.21771		1.17E-03	1.53E-03	1.25E-03	6.18E-03	8.06E-03	6.57E-03
56	493701.76, 3860573.73	0.28064	1.43917		1.42E-03	1.86E-03	1.52E-03	7.31E-03	9.52E-03	7.77E-03
57	493701.76, 3860623.73	0.33515	1.70823		1.70E-03	2.22E-03	1.81E-03	8.67E-03	1.13E-02	9.22E-03
58	493701.76, 3860673.73	0.38576	1.89173		1.96E-03	2.55E-03	2.08E-03	9.60E-03	1.25E-02	1.02E-02
59	493751.76, 3860323.73	0.12298	0.73416		6.24E-04	8.14E-04	6.64E-04	3.73E-03	4.86E-03	3.96E-03
60	493751.76, 3860373.73	0.14404	0.83363		7.31E-04	9.53E-04	7.78E-04	4.23E-03	5.52E-03	4.50E-03

61	493751.76, 3860423.73	0.17106	0.95635	8.68E-04	1.13E-03	9.23E-04	4.85E-03	6.33E-03	5.16E-03
62	493751.76, 3860473.73	0.20396	1.13041	1.04E-03	1.35E-03	1.10E-03	5.74E-03	7.48E-03	6.10E-03
63	493751.76, 3860523.73	0.23557	1.23679	1.20E-03	1.56E-03	1.27E-03	6.28E-03	8.18E-03	6.68E-03
64	493751.76, 3860573.73	0.2787	1.40407	1.41E-03	1.84E-03	1.50E-03	7.13E-03	9.29E-03	7.58E-03
65	493751.76, 3860623.73	0.32933	1.64093	1.67E-03	2.18E-03	1.78E-03	8.33E-03	1.09E-02	8.86E-03
66	493801.76, 3860323.73	0.12381	0.72628	6.29E-04	8.19E-04	6.68E-04	3.69E-03	4.81E-03	3.92E-03
67	493801.76, 3860373.73	0.14544	0.82822	7.38E-04	9.62E-04	7.85E-04	4.20E-03	5.48E-03	4.47E-03
68	493801.76, 3860423.73	0.1717	0.95161	8.72E-04	1.14E-03	9.27E-04	4.83E-03	6.30E-03	5.14E-03
69	493801.76, 3860473.73	0.20087	1.0803	1.02E-03	1.33E-03	1.08E-03	5.48E-03	7.15E-03	5.83E-03
70	493801.76, 3860523.73	0.23313	1.19325	1.18E-03	1.54E-03	1.26E-03	6.06E-03	7.89E-03	6.44E-03
71	493801.76, 3860573.73	0.27338	1.33832	1.39E-03	1.81E-03	1.48E-03	6.79E-03	8.85E-03	7.23E-03
72	493801.76, 3860623.73	0.32161	1.55723	1.63E-03	2.13E-03	1.74E-03	7.91E-03	1.03E-02	8.41E-03
73	493851.76, 3860323.73	0.12424	0.71501	6.31E-04	8.22E-04	6.71E-04	3.63E-03	4.73E-03	3.86E-03
74	493851.76, 3860373.73	0.14553	0.81203	7.39E-04	9.63E-04	7.86E-04	4.12E-03	5.37E-03	4.38E-03
75	493851.76, 3860423.73	0.16737	0.8928	8.50E-04	1.11E-03	9.04E-04	4.53E-03	5.91E-03	4.82E-03
76	493851.76, 3860473.73	0.20206	1.07113	1.03E-03	1.34E-03	1.09E-03	5.44E-03	7.09E-03	5.78E-03
77	493851.76, 3860523.73	0.23352	1.177	1.19E-03	1.55E-03	1.26E-03	5.98E-03	7.79E-03	6.35E-03
78	493851.76, 3860573.73	0.27411	1.3332	1.39E-03	1.81E-03	1.48E-03	6.77E-03	8.82E-03	7.20E-03
79	493851.76, 3860623.73	0.3144	1.48272	1.60E-03	2.08E-03	1.70E-03	7.53E-03	9.81E-03	8.00E-03
80	493901.76, 3860323.73	0.12653	0.71971	6.42E-04	8.37E-04	6.83E-04	3.65E-03	4.76E-03	3.89E-03
81	493901.76, 3860373.73	0.14418	0.78458	7.32E-04	9.54E-04	7.78E-04	3.98E-03	5.19E-03	4.24E-03
82	493901.76, 3860423.73	0.16787	0.88003	8.52E-04	1.11E-03	9.06E-04	4.47E-03	5.82E-03	4.75E-03
83	493901.76, 3860473.73	0.19536	0.99114	9.92E-04	1.29E-03	1.05E-03	5.03E-03	6.56E-03	5.35E-03
84	493901.76, 3860523.73	0.22115	1.04955	1.12E-03	1.46E-03	1.19E-03	5.33E-03	6.94E-03	5.67E-03
85	493901.76, 3860573.73	0.26377	1.22422	1.34E-03	1.75E-03	1.42E-03	6.21E-03	8.10E-03	6.61E-03
86	493901.76, 3860623.73	0.3102	1.44125	1.57E-03	2.05E-03	1.67E-03	7.32E-03	9.54E-03	7.78E-03
87	493951.76, 3860323.73	0.1228	0.67379	6.23E-04	8.12E-04	6.63E-04	3.42E-03	4.46E-03	3.64E-03
88	493951.76, 3860373.73	0.14164	0.74856	7.19E-04	9.37E-04	7.65E-04	3.80E-03	4.95E-03	4.04E-03
89	493951.76, 3860423.73	0.16439	0.83463	8.35E-04	1.09E-03	8.87E-04	4.24E-03	5.52E-03	4.51E-03
90	493951.76, 3860473.73	0.19	0.92565	9.65E-04	1.26E-03	1.03E-03	4.70E-03	6.12E-03	5.00E-03
91	493951.76, 3860523.73	0.22249	1.04415	1.13E-03	1.47E-03	1.20E-03	5.30E-03	6.91E-03	5.64E-03
92	493951.76, 3860573.73	0.26467	1.22474	1.34E-03	1.75E-03	1.43E-03	6.22E-03	8.10E-03	6.61E-03
93	493951.76, 3860623.73	0.30689	1.40977	1.56E-03	2.03E-03	1.66E-03	7.16E-03	9.33E-03	7.61E-03
94	494001.76, 3860323.73	0.12048	0.64092	6.12E-04	7.97E-04	6.50E-04	3.25E-03	4.24E-03	3.46E-03
95	494001.76, 3860373.73	0.13888	0.71204	7.05E-04	9.19E-04	7.50E-04	3.61E-03	4.71E-03	3.84E-03
96	494001.76, 3860423.73	0.16547	0.82843	8.40E-04	1.09E-03	8.93E-04	4.21E-03	5.48E-03	4.47E-03
97	494001.76, 3860473.73	0.19095	0.9169	9.69E-04	1.26E-03	1.03E-03	4.65E-03	6.07E-03	4.95E-03
98	494001.76, 3860523.73	0.22513	1.05107	1.14E-03	1.49E-03	1.22E-03	5.34E-03	6.95E-03	5.67E-03
99	494001.76, 3860573.73	0.26107	1.18728	1.33E-03	1.73E-03	1.41E-03	6.03E-03	7.86E-03	6.41E-03
100	494001.76, 3860623.73	0.2999	1.34152	1.52E-03	1.98E-03	1.62E-03	6.81E-03	8.88E-03	7.24E-03
101	494001.76, 3860673.73	0.35527	1.61461	1.80E-03	2.35E-03	1.92E-03	8.20E-03	1.07E-02	8.72E-03
102	494051.76, 3860323.73	0.11989	0.62272	6.09E-04	7.93E-04	6.47E-04	3.16E-03	4.12E-03	3.36E-03
103	494051.76, 3860373.73	0.13904	0.69956	7.06E-04	9.20E-04	7.51E-04	3.55E-03	4.63E-03	3.78E-03
104	494051.76, 3860423.73	0.16129	0.78193	8.19E-04	1.07E-03	8.71E-04	3.97E-03	5.17E-03	4.22E-03
105	494051.76, 3860473.73	0.18963	0.88924	9.63E-04	1.25E-03	1.02E-03	4.51E-03	5.88E-03	4.80E-03
106	494169.47, 3860896.29	0.61183	2.62575	3.11E-03	4.05E-03	3.30E-03	1.33E-02	1.74E-02	1.42E-02
107	494169.47, 3860946.29	0.69182	2.93157	3.51E-03	4.58E-03	3.73E-03	1.49E-02	1.94E-02	1.58E-02
108	494169.47, 3860996.29	0.7847	3.31378	3.98E-03	5.19E-03	4.24E-03	1.68E-02	2.19E-02	1.79E-02
109	494169.47, 3861046.29	0.89115	3.74977	4.52E-03	5.90E-03	4.81E-03	1.90E-02	2.48E-02	2.02E-02
110	494407.04, 3860689.65	0.32208	1.31077	1.64E-03	2.13E-03	1.74E-03	6.65E-03	8.67E-03	7.08E-03
111	494407.04, 3860789.65	0.42997	1.8195	2.18E-03	2.84E-03	2.32E-03	9.24E-03	1.20E-02	9.82E-03
112	494407.04, 3860889.65	0.5556	2.36494	2.82E-03	3.68E-03	3.00E-03	1.20E-02	1.56E-02	1.28E-02
113	494407.04, 3860989.65	0.70695	2.96326	3.59E-03	4.68E-03	3.82E-03	1.50E-02	1.96E-02	1.60E-02
114	494407.04, 3861089.65	0.89667	3.71914	4.55E-03	5.93E-03	4.84E-03	1.89E-02	2.46E-02	2.01E-02
115	494507.04, 3860389.65	0.1428	0.5901	7.25E-04	9.45E-04	7.71E-04	3.00E-03	3.90E-03	3.19E-03
116	494507.04, 3860489.65	0.18437	0.75242	9.36E-04	1.22E-03	9.95E-04	3.82E-03	4.98E-03	4.06E-03
117	494507.04, 3860589.65	0.24598	0.99471	1.25E-03	1.63E-03	1.33E-03	5.05E-03	6.58E-03	5.37E-03
118	494507.04, 3860689.65	0.32066	1.3134	1.63E-03	2.12E-03	1.73E-03	6.67E-03	8.69E-03	7.09E-03
119	494507.04, 3860789.65	0.41766	1.748	2.12E-03	2.76E-03	2.25E-03	8.87E-03	1.16E-02	9.44E-03
120	494507.04, 3860889.65	0.53166	2.21368	2.70E-03	3.52E-03	2.87E-03	1.12E-02	1.46E-02	1.20E-02
121	494507.04, 3860989.65	0.67238	2.75985	3.41E-03	4.45E-03	3.63E-03	1.40E-02	1.83E-02	1.49E-02
122	494507.04, 3861089.65	0.85281	3.49567	4.33E-03	5.64E-03	4.60E-03	1.77E-02	2.31E-02	1.89E-02
123	494507.04, 3861189.65	1.07626	4.40926	5.46E-03	7.12E-03	5.81E-03	2.24E-02	2.92E-02	2.38E-02
124	494607.04, 3860389.65	0.14573	0.60178	7.40E-04	9.64E-04	7.87E-04	3.05E-03	3.98E-03	3.25E-03

125	494607.04, 3860489.65	0.18531	0.75465	9.41E-04	1.23E-03	1.00E-03	3.83E-03	4.99E-03	4.07E-03
126	494607.04, 3860589.65	0.2446	0.98408	1.24E-03	1.62E-03	1.32E-03	5.00E-03	6.51E-03	5.31E-03
127	494607.04, 3860689.65	0.30694	1.20758	1.56E-03	2.03E-03	1.66E-03	6.13E-03	7.99E-03	6.52E-03
128	494607.04, 3860789.65	0.42372	1.82237	2.15E-03	2.80E-03	2.29E-03	9.25E-03	1.21E-02	9.84E-03
129	494607.04, 3860889.65	0.52013	2.16732	2.64E-03	3.44E-03	2.81E-03	1.10E-02	1.43E-02	1.17E-02
130	494607.04, 3860989.65	0.64996	2.65297	3.30E-03	4.30E-03	3.51E-03	1.35E-02	1.76E-02	1.43E-02
131	494607.04, 3861089.65	0.82444	3.38644	4.19E-03	5.45E-03	4.45E-03	1.72E-02	2.24E-02	1.83E-02
132	494607.04, 3861189.65	1.03739	4.26524	5.27E-03	6.86E-03	5.60E-03	2.17E-02	2.82E-02	2.30E-02
133	494707.04, 3860389.65	0.1495	0.62312	7.59E-04	9.89E-04	8.07E-04	3.16E-03	4.12E-03	3.36E-03
134	494707.04, 3860489.65	0.18736	0.76078	9.51E-04	1.24E-03	1.01E-03	3.86E-03	5.03E-03	4.11E-03
135	494707.04, 3860589.65	0.2442	0.98012	1.24E-03	1.62E-03	1.32E-03	4.98E-03	6.48E-03	5.29E-03
136	494707.04, 3860689.65	0.30586	1.20788	1.55E-03	2.02E-03	1.65E-03	6.13E-03	7.99E-03	6.52E-03
137	494707.04, 3860789.65	0.40131	1.65107	2.04E-03	2.66E-03	2.17E-03	8.38E-03	1.09E-02	8.91E-03
138	494707.04, 3860889.65	0.50968	2.12632	2.59E-03	3.37E-03	2.75E-03	1.08E-02	1.41E-02	1.15E-02
139	494707.04, 3860989.65	0.64197	2.67013	3.26E-03	4.25E-03	3.47E-03	1.36E-02	1.77E-02	1.44E-02
140	494707.04, 3861089.65	0.79234	3.23983	4.02E-03	5.24E-03	4.28E-03	1.64E-02	2.14E-02	1.75E-02
141	494707.04, 3861189.65	1.00425	4.14401	5.10E-03	6.64E-03	5.42E-03	2.10E-02	2.74E-02	2.24E-02
142	494807.04, 3860389.65	0.15115	0.62781	7.67E-04	1.00E-03	8.16E-04	3.19E-03	4.15E-03	3.39E-03
143	494807.04, 3860489.65	0.18738	0.75294	9.51E-04	1.24E-03	1.01E-03	3.82E-03	4.98E-03	4.06E-03
144	494807.04, 3860589.65	0.24087	0.9536	1.22E-03	1.59E-03	1.30E-03	4.84E-03	6.31E-03	5.15E-03
145	494807.04, 3860689.65	0.31029	1.24667	1.58E-03	2.05E-03	1.68E-03	6.33E-03	8.25E-03	6.73E-03
146	494807.04, 3860789.65	0.40195	1.6953	2.04E-03	2.66E-03	2.17E-03	8.61E-03	1.12E-02	9.15E-03
147	494807.04, 3860889.65	0.50339	2.11822	2.56E-03	3.33E-03	2.72E-03	1.08E-02	1.40E-02	1.14E-02
148	494807.04, 3860989.65	0.61979	2.55686	3.15E-03	4.10E-03	3.35E-03	1.30E-02	1.69E-02	1.38E-02
149	494807.04, 3861089.65	0.76686	3.13905	3.89E-03	5.07E-03	4.14E-03	1.59E-02	2.08E-02	1.69E-02
150	494807.04, 3861189.65	0.94125	3.83428	4.78E-03	6.23E-03	5.08E-03	1.95E-02	2.54E-02	2.07E-02
151	494807.04, 3861289.65	1.22008	5.05833	6.19E-03	8.07E-03	6.59E-03	2.57E-02	3.35E-02	2.73E-02
152	494907.04, 3860389.65	0.15779	0.65595	8.01E-04	1.04E-03	8.52E-04	3.33E-03	4.34E-03	3.54E-03
153	494907.04, 3860489.65	0.19315	0.78317	9.81E-04	1.28E-03	1.04E-03	3.98E-03	5.18E-03	4.23E-03
154	494907.04, 3860589.65	0.23968	0.94297	1.22E-03	1.59E-03	1.29E-03	4.79E-03	6.24E-03	5.09E-03
155	494907.04, 3860689.65	0.30032	1.1795	1.52E-03	1.99E-03	1.62E-03	5.99E-03	7.80E-03	6.37E-03
156	494907.04, 3860789.65	0.36263	1.37664	1.84E-03	2.40E-03	1.96E-03	6.99E-03	9.11E-03	7.43E-03
157	494907.04, 3860889.65	0.46472	1.81819	2.36E-03	3.07E-03	2.51E-03	9.23E-03	1.20E-02	9.82E-03
158	494907.04, 3860989.65	0.58825	2.35853	2.99E-03	3.89E-03	3.18E-03	1.20E-02	1.56E-02	1.27E-02
159	494907.04, 3861089.65	0.72831	2.92817	3.70E-03	4.82E-03	3.93E-03	1.49E-02	1.94E-02	1.58E-02
160	494907.04, 3861189.65	0.88738	3.55867	4.50E-03	5.87E-03	4.79E-03	1.81E-02	2.35E-02	1.92E-02
161	494907.04, 3861289.65	1.11018	4.49083	5.64E-03	7.35E-03	5.99E-03	2.28E-02	2.97E-02	2.42E-02
162	495007.04, 3860489.65	0.18837	0.73852	9.56E-04	1.25E-03	1.02E-03	3.75E-03	4.89E-03	3.99E-03
163	495007.04, 3860589.65	0.229	0.86752	1.16E-03	1.52E-03	1.24E-03	4.40E-03	5.74E-03	4.68E-03
164	495007.04, 3860689.65	0.28165	1.04466	1.43E-03	1.86E-03	1.52E-03	5.30E-03	6.91E-03	5.64E-03
165	495007.04, 3860789.65	0.36172	1.38674	1.84E-03	2.39E-03	1.95E-03	7.04E-03	9.18E-03	7.49E-03
166	495007.04, 3860889.65	0.45505	1.78312	2.31E-03	3.01E-03	2.46E-03	9.05E-03	1.18E-02	9.63E-03
167	495007.04, 3860989.65	0.57249	2.29818	2.91E-03	3.79E-03	3.09E-03	1.17E-02	1.52E-02	1.24E-02
168	495007.04, 3861089.65	0.70076	2.82389	3.56E-03	4.64E-03	3.78E-03	1.43E-02	1.87E-02	1.52E-02
169	495007.04, 3861189.65	0.8544	3.42285	4.34E-03	5.65E-03	4.61E-03	1.74E-02	2.26E-02	1.85E-02
170	495007.04, 3861289.65	1.06298	4.2991	5.40E-03	7.03E-03	5.74E-03	2.18E-02	2.84E-02	2.32E-02
171	495107.04, 3860489.65	0.18377	0.69537	9.33E-04	1.22E-03	9.92E-04	3.53E-03	4.60E-03	3.75E-03
172	495107.04, 3860589.65	0.23168	0.8806	1.18E-03	1.53E-03	1.25E-03	4.47E-03	5.83E-03	4.75E-03
173	495107.04, 3860689.65	0.28881	1.10444	1.47E-03	1.91E-03	1.56E-03	5.61E-03	7.31E-03	5.96E-03
174	495107.04, 3860789.65	0.35856	1.38462	1.82E-03	2.37E-03	1.94E-03	7.03E-03	9.16E-03	7.48E-03
175	495107.04, 3860889.65	0.447	1.76104	2.27E-03	2.96E-03	2.41E-03	8.94E-03	1.17E-02	9.51E-03
176	495107.04, 3860989.65	0.54849	2.20374	2.78E-03	3.63E-03	2.96E-03	1.12E-02	1.46E-02	1.19E-02
177	495107.04, 3861089.65	0.67591	2.73246	3.43E-03	4.47E-03	3.65E-03	1.39E-02	1.81E-02	1.48E-02
178	495107.04, 3861189.65	0.81826	3.27459	4.15E-03	5.41E-03	4.42E-03	1.66E-02	2.17E-02	1.77E-02
179	495107.04, 3861289.65	1.01717	4.1074	5.16E-03	6.73E-03	5.49E-03	2.09E-02	2.72E-02	2.22E-02
180	495207.04, 3860489.65	0.18154	0.66711	9.22E-04	1.20E-03	9.80E-04	3.39E-03	4.41E-03	3.60E-03
181	495207.04, 3860589.65	0.22886	0.85367	1.16E-03	1.51E-03	1.24E-03	4.33E-03	5.65E-03	4.61E-03
182	495207.04, 3860689.65	0.28619	1.09064	1.45E-03	1.89E-03	1.55E-03	5.54E-03	7.22E-03	5.89E-03
183	495207.04, 3860789.65	0.35512	1.37842	1.80E-03	2.35E-03	1.92E-03	7.00E-03	9.12E-03	7.44E-03
184	495207.04, 3860889.65	0.42938	1.67791	2.18E-03	2.84E-03	2.32E-03	8.52E-03	1.11E-02	9.06E-03
185	495207.04, 3860989.65	0.51623	2.05276	2.62E-03	3.42E-03	2.79E-03	1.04E-02	1.36E-02	1.11E-02
186	495207.04, 3861089.65	0.64914	2.62071	3.30E-03	4.29E-03	3.50E-03	1.33E-02	1.73E-02	1.41E-02
187	495207.04, 3861189.65	0.79616	3.21846	4.04E-03	5.27E-03	4.30E-03	1.63E-02	2.13E-02	1.74E-02
188	495207.04, 3861289.65	0.99406	4.06365	5.05E-03	6.58E-03	5.37E-03	2.06E-02	2.69E-02	2.19E-02

189	495207.04, 3861389.65	1.2287	5.03255	6.24E-03	8.13E-03	6.63E-03	2.55E-02	3.33E-02	2.72E-02
190	495307.04, 3860489.65	0.17947	0.64467	9.11E-04	1.19E-03	9.69E-04	3.27E-03	4.27E-03	3.48E-03
191	495307.04, 3860589.65	0.22414	0.81455	1.14E-03	1.48E-03	1.21E-03	4.14E-03	5.39E-03	4.40E-03
192	495307.04, 3860689.65	0.27923	1.04427	1.42E-03	1.85E-03	1.51E-03	5.30E-03	6.91E-03	5.64E-03
193	495307.04, 3860789.65	0.33952	1.28743	1.72E-03	2.25E-03	1.83E-03	6.54E-03	8.52E-03	6.95E-03
194	495307.04, 3860889.65	0.40772	1.57227	2.07E-03	2.70E-03	2.20E-03	7.98E-03	1.04E-02	8.49E-03
195	495307.04, 3860989.65	0.50887	2.04491	2.58E-03	3.37E-03	2.75E-03	1.04E-02	1.35E-02	1.10E-02
196	495307.04, 3861089.65	0.62449	2.5264	3.17E-03	4.13E-03	3.37E-03	1.28E-02	1.67E-02	1.36E-02
197	495307.04, 3861189.65	0.78815	3.23938	4.00E-03	5.21E-03	4.25E-03	1.64E-02	2.14E-02	1.75E-02
198	495307.04, 3861289.65	0.96583	3.97307	4.90E-03	6.39E-03	5.21E-03	2.02E-02	2.63E-02	2.14E-02
199	495307.04, 3861389.65	1.17901	4.84471	5.99E-03	7.80E-03	6.36E-03	2.46E-02	3.21E-02	2.62E-02
200	495407.04, 3860489.65	0.17851	0.63461	9.06E-04	1.18E-03	9.64E-04	3.22E-03	4.20E-03	3.43E-03
201	495407.04, 3860589.65	0.22213	0.80108	1.13E-03	1.47E-03	1.20E-03	4.07E-03	5.30E-03	4.32E-03
202	495407.04, 3860689.65	0.26869	0.97327	1.36E-03	1.78E-03	1.45E-03	4.94E-03	6.44E-03	5.25E-03
203	495407.04, 3860789.65	0.32487	1.19737	1.65E-03	2.15E-03	1.75E-03	6.08E-03	7.92E-03	6.46E-03
204	495407.04, 3860889.65	0.4006	1.5533	2.03E-03	2.65E-03	2.16E-03	7.89E-03	1.03E-02	8.39E-03
205	495407.04, 3860989.65	0.49881	2.0165	2.53E-03	3.30E-03	2.69E-03	1.02E-02	1.33E-02	1.09E-02
206	495407.04, 3861089.65	0.61905	2.53379	3.14E-03	4.10E-03	3.34E-03	1.29E-02	1.68E-02	1.37E-02
207	495407.04, 3861189.65	0.76143	3.14211	3.87E-03	5.04E-03	4.11E-03	1.60E-02	2.08E-02	1.70E-02
208	495407.04, 3861289.65	0.92657	3.79856	4.70E-03	6.13E-03	5.00E-03	1.93E-02	2.51E-02	2.05E-02
209	495407.04, 3861389.65	1.13221	4.66473	5.75E-03	7.49E-03	6.11E-03	2.37E-02	3.09E-02	2.52E-02
210	495507.04, 3860589.65	0.21189	0.7361	1.08E-03	1.40E-03	1.14E-03	3.74E-03	4.87E-03	3.97E-03
211	495507.04, 3860689.65	0.25911	0.91486	1.32E-03	1.71E-03	1.40E-03	4.64E-03	6.05E-03	4.94E-03
212	495507.04, 3860789.65	0.31109	1.11747	1.58E-03	2.06E-03	1.68E-03	5.67E-03	7.39E-03	6.03E-03
213	495507.04, 3860889.65	0.38226	1.454	1.94E-03	2.53E-03	2.06E-03	7.38E-03	9.62E-03	7.85E-03
214	495507.04, 3860989.65	0.49503	2.02115	2.51E-03	3.28E-03	2.67E-03	1.03E-02	1.34E-02	1.09E-02
215	495507.04, 3861089.65	0.60889	2.5151	3.09E-03	4.03E-03	3.29E-03	1.28E-02	1.66E-02	1.36E-02
216	495507.04, 3861189.65	0.73475	3.03854	3.73E-03	4.86E-03	3.97E-03	1.54E-02	2.01E-02	1.64E-02
217	495507.04, 3861289.65	0.88437	3.61192	4.49E-03	5.85E-03	4.77E-03	1.83E-02	2.39E-02	1.95E-02
218	495507.04, 3861389.65	1.08103	4.44716	5.49E-03	7.15E-03	5.84E-03	2.26E-02	2.94E-02	2.40E-02
219	495507.04, 3861489.65	1.33295	5.4827	6.77E-03	8.82E-03	7.20E-03	2.78E-02	3.63E-02	2.96E-02
220	495607.04, 3860589.65	0.20176	0.67268	1.02E-03	1.33E-03	1.09E-03	3.41E-03	4.45E-03	3.63E-03
221	495607.04, 3860689.65	0.2502	0.86958	1.27E-03	1.66E-03	1.35E-03	4.41E-03	5.75E-03	4.69E-03
222	495607.04, 3860789.65	0.30091	1.06508	1.53E-03	1.99E-03	1.62E-03	5.41E-03	7.05E-03	5.75E-03
223	495607.04, 3860889.65	0.37647	1.4321	1.91E-03	2.49E-03	2.03E-03	7.27E-03	9.48E-03	7.73E-03
224	495607.04, 3860989.65	0.48241	1.96857	2.45E-03	3.19E-03	2.60E-03	9.99E-03	1.30E-02	1.06E-02
225	495607.04, 3861089.65	0.60885	2.55911	3.09E-03	4.03E-03	3.29E-03	1.30E-02	1.69E-02	1.38E-02
226	495607.04, 3861189.65	0.72264	3.01721	3.67E-03	4.78E-03	3.90E-03	1.53E-02	2.00E-02	1.63E-02
227	495607.04, 3861289.65	0.86329	3.5525	4.38E-03	5.71E-03	4.66E-03	1.80E-02	2.35E-02	1.92E-02
228	495607.04, 3861389.65	1.04707	4.32162	5.32E-03	6.93E-03	5.65E-03	2.19E-02	2.86E-02	2.33E-02
229	495607.04, 3861489.65	1.27748	5.23844	6.49E-03	8.45E-03	6.90E-03	2.66E-02	3.47E-02	2.83E-02
230	495707.04, 3860589.65	0.17518	0.54442	8.89E-04	1.16E-03	9.46E-04	2.76E-03	3.60E-03	2.94E-03
231	495707.04, 3860689.65	0.22723	0.75105	1.15E-03	1.50E-03	1.23E-03	3.81E-03	4.97E-03	4.05E-03
232	495707.04, 3860789.65	0.28205	0.96336	1.43E-03	1.87E-03	1.52E-03	4.89E-03	6.37E-03	5.20E-03
233	495707.04, 3860889.65	0.38566	1.50778	1.96E-03	2.55E-03	2.08E-03	7.65E-03	9.98E-03	8.14E-03
234	495707.04, 3860989.65	0.48007	1.97142	2.44E-03	3.18E-03	2.59E-03	1.00E-02	1.30E-02	1.06E-02
235	495707.04, 3861089.65	0.59902	2.53249	3.04E-03	3.96E-03	3.23E-03	1.29E-02	1.68E-02	1.37E-02
236	495707.04, 3861189.65	0.71578	3.01299	3.63E-03	4.74E-03	3.86E-03	1.53E-02	1.99E-02	1.63E-02
237	495707.04, 3861289.65	0.84963	3.52851	4.31E-03	5.62E-03	4.59E-03	1.79E-02	2.33E-02	1.90E-02
238	495707.04, 3861389.65	1.0147	4.198	5.15E-03	6.71E-03	5.48E-03	2.13E-02	2.78E-02	2.27E-02
239	495707.04, 3861489.65	1.24502	5.12791	6.32E-03	8.24E-03	6.72E-03	2.60E-02	3.39E-02	2.77E-02
240	495807.04, 3860589.65	0.16049	0.4838	8.15E-04	1.06E-03	8.66E-04	2.46E-03	3.20E-03	2.61E-03
241	495807.04, 3860689.65	0.21101	0.67271	1.07E-03	1.40E-03	1.14E-03	3.41E-03	4.45E-03	3.63E-03
242	495807.04, 3860789.65	0.28954	1.01712	1.47E-03	1.92E-03	1.56E-03	5.16E-03	6.73E-03	5.49E-03
243	495807.04, 3860889.65	0.38391	1.50943	1.95E-03	2.54E-03	2.07E-03	7.66E-03	9.99E-03	8.15E-03
244	495807.04, 3860989.65	0.46378	1.88362	2.35E-03	3.07E-03	2.50E-03	9.56E-03	1.25E-02	1.02E-02
245	495807.04, 3861089.65	0.58569	2.47295	2.97E-03	3.88E-03	3.16E-03	1.26E-02	1.64E-02	1.34E-02
246	495807.04, 3861189.65	0.70121	2.96521	3.56E-03	4.64E-03	3.79E-03	1.51E-02	1.96E-02	1.60E-02
247	495807.04, 3861289.65	0.83041	3.47398	4.22E-03	5.49E-03	4.48E-03	1.76E-02	2.30E-02	1.88E-02
248	495807.04, 3861389.65	0.98453	4.08195	5.00E-03	6.51E-03	5.32E-03	2.07E-02	2.70E-02	2.20E-02
249	495807.04, 3861489.65	1.19925	4.91797	6.09E-03	7.93E-03	6.47E-03	2.50E-02	3.25E-02	2.66E-02
250	495907.04, 3860689.65	0.18251	0.53596	9.27E-04	1.21E-03	9.85E-04	2.72E-03	3.55E-03	2.89E-03
251	495907.04, 3860789.65	0.26498	0.89119	1.35E-03	1.75E-03	1.43E-03	4.52E-03	5.90E-03	4.81E-03
252	495907.04, 3860889.65	0.37125	1.44268	1.88E-03	2.46E-03	2.00E-03	7.32E-03	9.55E-03	7.79E-03

253	495907.04, 3860989.65	0.45007	1.81198	2.28E-03	2.98E-03	2.43E-03	9.20E-03	1.20E-02	9.78E-03
254	495907.04, 3861089.65	0.56052	2.32656	2.85E-03	3.71E-03	3.03E-03	1.18E-02	1.54E-02	1.26E-02
255	495907.04, 3861189.65	0.67603	2.853	3.43E-03	4.47E-03	3.65E-03	1.45E-02	1.89E-02	1.54E-02
256	495907.04, 3861289.65	0.79893	3.35771	4.06E-03	5.29E-03	4.31E-03	1.70E-02	2.22E-02	1.81E-02
257	495907.04, 3861389.65	0.9473	3.95182	4.81E-03	6.27E-03	5.11E-03	2.01E-02	2.61E-02	2.13E-02
258	495907.04, 3861489.65	1.14896	4.72707	5.83E-03	7.60E-03	6.20E-03	2.40E-02	3.13E-02	2.55E-02
259	495907.04, 3861589.65	1.37688	5.61408	6.99E-03	9.11E-03	7.43E-03	2.85E-02	3.71E-02	3.03E-02
260	496007.04, 3860689.65	0.22015	0.73345	1.12E-03	1.46E-03	1.19E-03	3.72E-03	4.85E-03	3.96E-03
261	496007.04, 3860789.65	0.27717	0.96425	1.41E-03	1.83E-03	1.50E-03	4.89E-03	6.38E-03	5.21E-03
262	496007.04, 3860889.65	0.37306	1.46501	1.89E-03	2.47E-03	2.01E-03	7.44E-03	9.69E-03	7.91E-03
263	496007.04, 3860989.65	0.43723	1.75786	2.22E-03	2.89E-03	2.36E-03	8.92E-03	1.16E-02	9.49E-03
264	496007.04, 3861089.65	0.53853	2.21772	2.73E-03	3.56E-03	2.91E-03	1.13E-02	1.47E-02	1.20E-02
265	496007.04, 3861189.65	0.6463	2.69944	3.28E-03	4.28E-03	3.49E-03	1.37E-02	1.79E-02	1.46E-02
266	496007.04, 3861289.65	0.76466	3.20338	3.88E-03	5.06E-03	4.13E-03	1.63E-02	2.12E-02	1.73E-02
267	496007.04, 3861389.65	0.90789	3.79686	4.61E-03	6.01E-03	4.90E-03	1.93E-02	2.51E-02	2.05E-02
268	496007.04, 3861489.65	1.09333	4.52552	5.55E-03	7.23E-03	5.90E-03	2.30E-02	2.99E-02	2.44E-02
269	496007.04, 3861589.65	1.31705	5.37468	6.69E-03	8.71E-03	7.11E-03	2.73E-02	3.56E-02	2.90E-02
270	496107.04, 3860689.65	0.2103	0.68657	1.07E-03	1.39E-03	1.14E-03	3.49E-03	4.54E-03	3.71E-03
271	496107.04, 3860789.65	0.27217	0.9444	1.38E-03	1.80E-03	1.47E-03	4.79E-03	6.25E-03	5.10E-03
272	496107.04, 3860889.65	0.35545	1.3649	1.80E-03	2.35E-03	1.92E-03	6.93E-03	9.03E-03	7.37E-03
273	496107.04, 3860989.65	0.40812	1.59522	2.07E-03	2.70E-03	2.20E-03	8.10E-03	1.06E-02	8.61E-03
274	496107.04, 3861089.65	0.51252	2.09792	2.60E-03	3.39E-03	2.77E-03	1.07E-02	1.39E-02	1.13E-02
275	496107.04, 3861189.65	0.6111	2.5163	3.10E-03	4.04E-03	3.30E-03	1.28E-02	1.66E-02	1.36E-02
276	496107.04, 3861289.65	0.72531	3.0038	3.68E-03	4.80E-03	3.92E-03	1.52E-02	1.99E-02	1.62E-02
277	496107.04, 3861389.65	0.86714	3.60863	4.40E-03	5.74E-03	4.68E-03	1.83E-02	2.39E-02	1.95E-02
278	496107.04, 3861489.65	1.03209	4.29513	5.24E-03	6.83E-03	5.57E-03	2.18E-02	2.84E-02	2.32E-02
279	496107.04, 3861589.65	1.25526	5.14782	6.37E-03	8.31E-03	6.78E-03	2.61E-02	3.41E-02	2.78E-02
280	496207.04, 3860689.65	0.20983	0.69023	1.07E-03	1.39E-03	1.13E-03	3.50E-03	4.57E-03	3.73E-03
281	496207.04, 3860789.65	0.25015	0.82947	1.27E-03	1.66E-03	1.35E-03	4.21E-03	5.49E-03	4.48E-03
282	496207.04, 3860889.65	0.31725	1.13767	1.61E-03	2.10E-03	1.71E-03	5.78E-03	7.53E-03	6.14E-03
283	496207.04, 3860989.65	0.40002	1.55325	2.03E-03	2.65E-03	2.16E-03	7.89E-03	1.03E-02	8.39E-03
284	496207.04, 3861089.65	0.47587	1.90086	2.42E-03	3.15E-03	2.57E-03	9.65E-03	1.26E-02	1.03E-02
285	496207.04, 3861189.65	0.569	2.31207	2.89E-03	3.76E-03	3.07E-03	1.17E-02	1.53E-02	1.25E-02
286	496207.04, 3861289.65	0.68312	2.79351	3.47E-03	4.52E-03	3.69E-03	1.42E-02	1.85E-02	1.51E-02
287	496207.04, 3861389.65	0.82364	3.39209	4.18E-03	5.45E-03	4.45E-03	1.72E-02	2.24E-02	1.83E-02
288	496207.04, 3861489.65	0.98516	4.08749	5.00E-03	6.52E-03	5.32E-03	2.08E-02	2.70E-02	2.21E-02
289	496207.04, 3861589.65	1.19784	4.93848	6.08E-03	7.93E-03	6.47E-03	2.51E-02	3.27E-02	2.67E-02
290	496207.04, 3861689.65	1.44477	5.88141	7.33E-03	9.56E-03	7.80E-03	2.99E-02	3.89E-02	3.18E-02
291	496307.04, 3860689.65	0.18637	0.56811	9.46E-04	1.23E-03	1.01E-03	2.88E-03	3.76E-03	3.07E-03
292	496307.04, 3860789.65	0.21749	0.65495	1.10E-03	1.44E-03	1.17E-03	3.32E-03	4.33E-03	3.54E-03
293	496307.04, 3860889.65	0.29059	0.9935	1.48E-03	1.92E-03	1.57E-03	5.04E-03	6.57E-03	5.36E-03
294	496307.04, 3860989.65	0.35609	1.2936	1.81E-03	2.36E-03	1.92E-03	6.57E-03	8.56E-03	6.98E-03
295	496307.04, 3861089.65	0.43732	1.67578	2.22E-03	2.89E-03	2.36E-03	8.51E-03	1.11E-02	9.05E-03
296	496307.04, 3861189.65	0.52688	2.09091	2.67E-03	3.49E-03	2.84E-03	1.06E-02	1.38E-02	1.13E-02
297	496307.04, 3861289.65	0.64538	2.62825	3.28E-03	4.27E-03	3.48E-03	1.33E-02	1.74E-02	1.42E-02
298	496307.04, 3861389.65	0.78697	3.23339	4.00E-03	5.21E-03	4.25E-03	1.64E-02	2.14E-02	1.75E-02
299	496307.04, 3861489.65	0.94667	3.89776	4.81E-03	6.26E-03	5.11E-03	1.98E-02	2.58E-02	2.10E-02
300	496307.04, 3861589.65	1.13282	4.6803	5.75E-03	7.50E-03	6.12E-03	2.38E-02	3.10E-02	2.53E-02
301	496307.04, 3861689.65	1.37051	5.60208	6.96E-03	9.07E-03	7.40E-03	2.84E-02	3.71E-02	3.02E-02
302	496407.04, 3860789.65	0.22825	0.71611	1.16E-03	1.51E-03	1.23E-03	3.64E-03	4.74E-03	3.87E-03
303	496407.04, 3860889.65	0.28034	0.94427	1.42E-03	1.85E-03	1.51E-03	4.79E-03	6.25E-03	5.10E-03
304	496407.04, 3860989.65	0.33832	1.20421	1.72E-03	2.24E-03	1.83E-03	6.11E-03	7.97E-03	6.50E-03
305	496407.04, 3861089.65	0.40824	1.51659	2.07E-03	2.70E-03	2.20E-03	7.70E-03	1.00E-02	8.19E-03
306	496407.04, 3861189.65	0.50049	1.96383	2.54E-03	3.31E-03	2.70E-03	9.97E-03	1.30E-02	1.06E-02
307	496407.04, 3861289.65	0.62245	2.53856	3.16E-03	4.12E-03	3.36E-03	1.29E-02	1.68E-02	1.37E-02
308	496407.04, 3861389.65	0.75338	3.1115	3.82E-03	4.98E-03	4.07E-03	1.58E-02	2.06E-02	1.68E-02
309	496407.04, 3861489.65	0.89913	3.69103	4.56E-03	5.95E-03	4.85E-03	1.87E-02	2.44E-02	1.99E-02
310	496407.04, 3861589.65	1.07215	4.41892	5.44E-03	7.09E-03	5.79E-03	2.24E-02	2.92E-02	2.39E-02
311	496407.04, 3861689.65	1.29755	5.33567	6.59E-03	8.58E-03	7.00E-03	2.71E-02	3.53E-02	2.88E-02
312	496507.04, 3860789.65	0.21932	0.6745	1.11E-03	1.45E-03	1.18E-03	3.42E-03	4.46E-03	3.64E-03
313	496507.04, 3860889.65	0.26072	0.83967	1.32E-03	1.72E-03	1.41E-03	4.26E-03	5.56E-03	4.53E-03
314	496507.04, 3860989.65	0.30675	1.02569	1.56E-03	2.03E-03	1.66E-03	5.21E-03	6.79E-03	5.54E-03
315	496507.04, 3861089.65	0.37784	1.35148	1.92E-03	2.50E-03	2.04E-03	6.86E-03	8.94E-03	7.30E-03
316	496507.04, 3861189.65	0.48962	1.92112	2.49E-03	3.24E-03	2.64E-03	9.75E-03	1.27E-02	1.04E-02

317	496507.04, 3861289.65	0.59064	2.37885	3.00E-03	3.91E-03	3.19E-03	1.21E-02	1.57E-02	1.28E-02
318	496507.04, 3861389.65	0.71277	2.94323	3.62E-03	4.72E-03	3.85E-03	1.49E-02	1.95E-02	1.59E-02
319	496507.04, 3861489.65	0.84935	3.50658	4.31E-03	5.62E-03	4.59E-03	1.78E-02	2.32E-02	1.89E-02
320	496507.04, 3861589.65	1.0114	4.16372	5.13E-03	6.69E-03	5.46E-03	2.11E-02	2.75E-02	2.25E-02
321	496507.04, 3861689.65	1.20495	4.96957	6.12E-03	7.97E-03	6.51E-03	2.52E-02	3.29E-02	2.68E-02
322	496607.04, 3860789.65	0.20482	0.61962	1.04E-03	1.36E-03	1.11E-03	3.15E-03	4.10E-03	3.35E-03
323	496607.04, 3860889.65	0.23809	0.72532	1.21E-03	1.58E-03	1.29E-03	3.68E-03	4.80E-03	3.92E-03
324	496607.04, 3860989.65	0.27264	0.83951	1.38E-03	1.80E-03	1.47E-03	4.26E-03	5.55E-03	4.53E-03
325	496607.04, 3861089.65	0.34377	1.15589	1.75E-03	2.27E-03	1.86E-03	5.87E-03	7.65E-03	6.24E-03
326	496607.04, 3861189.65	0.44977	1.70474	2.28E-03	2.98E-03	2.43E-03	8.65E-03	1.13E-02	9.20E-03
327	496607.04, 3861289.65	0.54612	2.14307	2.77E-03	3.61E-03	2.95E-03	1.09E-02	1.42E-02	1.16E-02
328	496607.04, 3861389.65	0.66032	2.68045	3.35E-03	4.37E-03	3.56E-03	1.36E-02	1.77E-02	1.45E-02
329	496607.04, 3861489.65	0.78949	3.24253	4.01E-03	5.22E-03	4.26E-03	1.65E-02	2.15E-02	1.75E-02
330	496607.04, 3861589.65	0.94121	3.86677	4.78E-03	6.23E-03	5.08E-03	1.96E-02	2.56E-02	2.09E-02
331	496607.04, 3861689.65	1.12139	4.60832	5.69E-03	7.42E-03	6.05E-03	2.34E-02	3.05E-02	2.49E-02
332	496607.04, 3861789.65	1.27765	5.11511	6.49E-03	8.45E-03	6.90E-03	2.60E-02	3.38E-02	2.76E-02
333	496707.04, 3860789.65	0.17488	0.5069	8.88E-04	1.16E-03	9.44E-04	2.57E-03	3.35E-03	2.74E-03
334	496707.04, 3860889.65	0.18833	0.52687	9.56E-04	1.25E-03	1.02E-03	2.67E-03	3.49E-03	2.84E-03
335	496707.04, 3860989.65	0.25209	0.75084	1.28E-03	1.67E-03	1.36E-03	3.81E-03	4.97E-03	4.05E-03
336	496707.04, 3861089.65	0.3185	1.02719	1.62E-03	2.11E-03	1.72E-03	5.21E-03	6.80E-03	5.55E-03
337	496707.04, 3861189.65	0.40346	1.44011	2.05E-03	2.67E-03	2.18E-03	7.31E-03	9.53E-03	7.77E-03
338	496707.04, 3861289.65	0.50046	1.90749	2.54E-03	3.31E-03	2.70E-03	9.68E-03	1.26E-02	1.03E-02
339	496707.04, 3861389.65	0.60942	2.40818	3.09E-03	4.03E-03	3.29E-03	1.22E-02	1.59E-02	1.30E-02
340	496707.04, 3861489.65	0.72548	2.90935	3.68E-03	4.80E-03	3.92E-03	1.48E-02	1.92E-02	1.57E-02
341	496707.04, 3861589.65	0.8724	3.55012	4.43E-03	5.77E-03	4.71E-03	1.80E-02	2.35E-02	1.92E-02
342	496707.04, 3861689.65	1.02012	4.12538	5.18E-03	6.75E-03	5.51E-03	2.09E-02	2.73E-02	2.23E-02
343	496707.04, 3861789.65	1.0082	3.61516	5.12E-03	6.67E-03	5.44E-03	1.84E-02	2.39E-02	1.95E-02
344	496807.04, 3860789.65	0.14892	0.41685	7.56E-04	9.85E-04	8.04E-04	2.12E-03	2.76E-03	2.25E-03
345	496807.04, 3860889.65	0.18099	0.50434	9.19E-04	1.20E-03	9.77E-04	2.56E-03	3.34E-03	2.72E-03
346	496807.04, 3860989.65	0.23434	0.67379	1.19E-03	1.55E-03	1.27E-03	3.42E-03	4.46E-03	3.64E-03
347	496807.04, 3861089.65	0.30005	0.93704	1.52E-03	1.99E-03	1.62E-03	4.76E-03	6.20E-03	5.06E-03
348	496807.04, 3861189.65	0.38048	1.32249	1.93E-03	2.52E-03	2.05E-03	6.71E-03	8.75E-03	7.14E-03
349	496807.04, 3861289.65	0.4612	1.69353	2.34E-03	3.05E-03	2.49E-03	8.60E-03	1.12E-02	9.14E-03
350	496807.04, 3861389.65	0.55631	2.12331	2.82E-03	3.68E-03	3.00E-03	1.08E-02	1.40E-02	1.15E-02
351	496807.04, 3861489.65	0.67692	2.67443	3.44E-03	4.48E-03	3.65E-03	1.36E-02	1.77E-02	1.44E-02
352	496807.04, 3861589.65	0.80479	3.20312	4.09E-03	5.32E-03	4.34E-03	1.63E-02	2.12E-02	1.73E-02
353	496807.04, 3861689.65	0.90268	3.47945	4.58E-03	5.97E-03	4.87E-03	1.77E-02	2.30E-02	1.88E-02
354	496807.04, 3861789.65	0.8279	2.62738	4.20E-03	5.48E-03	4.47E-03	1.33E-02	1.74E-02	1.42E-02
355	496907.04, 3860889.65	0.20089	0.5803	1.02E-03	1.33E-03	1.08E-03	2.95E-03	3.84E-03	3.13E-03
356	496907.04, 3860989.65	0.24234	0.72255	1.23E-03	1.60E-03	1.31E-03	3.67E-03	4.78E-03	3.90E-03
357	496907.04, 3861089.65	0.29477	0.925	1.50E-03	1.95E-03	1.59E-03	4.70E-03	6.12E-03	4.99E-03
358	496907.04, 3861189.65	0.34834	1.14339	1.77E-03	2.30E-03	1.88E-03	5.80E-03	7.56E-03	6.17E-03
359	496907.04, 3861289.65	0.41029	1.39854	2.08E-03	2.71E-03	2.21E-03	7.10E-03	9.25E-03	7.55E-03
360	496907.04, 3861389.65	0.51619	1.90935	2.62E-03	3.42E-03	2.79E-03	9.69E-03	1.26E-02	1.03E-02
361	496907.04, 3861489.65	0.62532	2.4127	3.17E-03	4.14E-03	3.38E-03	1.22E-02	1.60E-02	1.30E-02
362	496907.04, 3861589.65	0.73477	2.84618	3.73E-03	4.86E-03	3.97E-03	1.44E-02	1.88E-02	1.54E-02
363	496907.04, 3861689.65	0.7978	2.93456	4.05E-03	5.28E-03	4.31E-03	1.49E-02	1.94E-02	1.58E-02
364	496907.04, 3861789.65	0.84903	2.88849	4.31E-03	5.62E-03	4.58E-03	1.47E-02	1.91E-02	1.56E-02
365	496907.04, 3861889.65	0.69017	1.76766	3.50E-03	4.57E-03	3.73E-03	8.97E-03	1.17E-02	9.54E-03
366	497007.04, 3860889.65	0.18316	0.5193	9.30E-04	1.21E-03	9.89E-04	2.64E-03	3.44E-03	2.80E-03
367	497007.04, 3860989.65	0.21307	0.59424	1.08E-03	1.41E-03	1.15E-03	3.02E-03	3.93E-03	3.21E-03
368	497007.04, 3861089.65	0.23466	0.65003	1.19E-03	1.55E-03	1.27E-03	3.30E-03	4.30E-03	3.51E-03
369	497007.04, 3861189.65	0.27448	0.77331	1.39E-03	1.82E-03	1.48E-03	3.93E-03	5.12E-03	4.17E-03
370	497007.04, 3861289.65	0.37877	1.2295	1.92E-03	2.51E-03	2.04E-03	6.24E-03	8.13E-03	6.64E-03
371	497007.04, 3861389.65	0.4856	1.75556	2.47E-03	3.21E-03	2.62E-03	8.91E-03	1.16E-02	9.48E-03
372	497007.04, 3861489.65	0.55801	2.02822	2.83E-03	3.69E-03	3.01E-03	1.03E-02	1.34E-02	1.09E-02
373	497007.04, 3861589.65	0.66223	2.44929	3.36E-03	4.38E-03	3.58E-03	1.24E-02	1.62E-02	1.32E-02
374	497007.04, 3861689.65	0.72509	2.5651	3.68E-03	4.80E-03	3.91E-03	1.30E-02	1.70E-02	1.38E-02
375	497007.04, 3861789.65	0.72878	2.22826	3.70E-03	4.82E-03	3.93E-03	1.13E-02	1.47E-02	1.20E-02
376	497007.04, 3861889.65	0.62552	1.5457	3.18E-03	4.14E-03	3.38E-03	7.85E-03	1.02E-02	8.34E-03
377	497107.04, 3860889.65	0.16893	0.47302	8.58E-04	1.12E-03	9.12E-04	2.40E-03	3.13E-03	2.55E-03
378	497107.04, 3860989.65	0.19866	0.54464	1.01E-03	1.31E-03	1.07E-03	2.76E-03	3.60E-03	2.94E-03
379	497107.04, 3861089.65	0.24214	0.68678	1.23E-03	1.60E-03	1.31E-03	3.49E-03	4.54E-03	3.71E-03
380	497107.04, 3861189.65	0.29377	0.87892	1.49E-03	1.94E-03	1.59E-03	4.46E-03	5.82E-03	4.74E-03

381	497107.04, 3861289.65	0.35666	1.12148	1.81E-03	2.36E-03	1.93E-03	5.69E-03	7.42E-03	6.05E-03
382	497107.04, 3861389.65	0.40438	1.27523	2.05E-03	2.68E-03	2.18E-03	6.47E-03	8.44E-03	6.88E-03
383	497107.04, 3861489.65	0.50695	1.75161	2.57E-03	3.35E-03	2.74E-03	8.89E-03	1.16E-02	9.46E-03
384	497107.04, 3861589.65	0.57279	1.96085	2.91E-03	3.79E-03	3.09E-03	9.95E-03	1.30E-02	1.06E-02
385	497107.04, 3861689.65	0.70459	2.51607	3.58E-03	4.66E-03	3.80E-03	1.28E-02	1.66E-02	1.36E-02
386	497107.04, 3861789.65	0.78387	2.69711	3.98E-03	5.19E-03	4.23E-03	1.37E-02	1.78E-02	1.46E-02
387	497107.04, 3861889.65	0.68775	1.88991	3.49E-03	4.55E-03	3.71E-03	9.59E-03	1.25E-02	1.02E-02
388	497207.04, 3860889.65	0.18155	0.52062	9.22E-04	1.20E-03	9.80E-04	2.64E-03	3.44E-03	2.81E-03
389	497207.04, 3860989.65	0.21836	0.63264	1.11E-03	1.44E-03	1.18E-03	3.21E-03	4.19E-03	3.42E-03
390	497207.04, 3861089.65	0.25956	0.77986	1.32E-03	1.72E-03	1.40E-03	3.96E-03	5.16E-03	4.21E-03
391	497207.04, 3861189.65	0.29454	0.89656	1.50E-03	1.95E-03	1.59E-03	4.55E-03	5.93E-03	4.84E-03
392	497207.04, 3861289.65	0.3524	1.12347	1.79E-03	2.33E-03	1.90E-03	5.70E-03	7.43E-03	6.07E-03
393	497207.04, 3861389.65	0.41491	1.37965	2.11E-03	2.75E-03	2.24E-03	7.00E-03	9.13E-03	7.45E-03
394	497207.04, 3861489.65	0.49929	1.75415	2.53E-03	3.30E-03	2.70E-03	8.90E-03	1.16E-02	9.47E-03
395	497207.04, 3861589.65	0.5361	1.79617	2.72E-03	3.55E-03	2.89E-03	9.12E-03	1.19E-02	9.70E-03
396	497207.04, 3861689.65	0.66839	2.36567	3.39E-03	4.42E-03	3.61E-03	1.20E-02	1.57E-02	1.28E-02
397	497207.04, 3861789.65	0.84132	3.17312	4.27E-03	5.57E-03	4.54E-03	1.61E-02	2.10E-02	1.71E-02
398	497207.04, 3861889.65	0.852	2.8455	4.33E-03	5.64E-03	4.60E-03	1.44E-02	1.88E-02	1.54E-02
399	497307.04, 3860889.65	0.19072	0.55948	9.68E-04	1.26E-03	1.03E-03	2.84E-03	3.70E-03	3.02E-03
400	497307.04, 3860989.65	0.21969	0.64739	1.12E-03	1.45E-03	1.19E-03	3.29E-03	4.28E-03	3.49E-03
401	497307.04, 3861089.65	0.26466	0.8191	1.34E-03	1.75E-03	1.43E-03	4.16E-03	5.42E-03	4.42E-03
402	497307.04, 3861189.65	0.3171	1.04348	1.61E-03	2.10E-03	1.71E-03	5.30E-03	6.90E-03	5.63E-03
403	497307.04, 3861289.65	0.3802	1.32677	1.93E-03	2.52E-03	2.05E-03	6.74E-03	8.78E-03	7.16E-03
404	497307.04, 3861389.65	0.45502	1.6787	2.31E-03	3.01E-03	2.46E-03	8.52E-03	1.11E-02	9.06E-03
405	497307.04, 3861489.65	0.53585	2.05198	2.72E-03	3.55E-03	2.89E-03	1.04E-02	1.36E-02	1.11E-02
406	497307.04, 3861589.65	0.62346	2.40867	3.16E-03	4.12E-03	3.37E-03	1.22E-02	1.59E-02	1.30E-02
407	497307.04, 3861689.65	0.74744	2.95386	3.79E-03	4.95E-03	4.04E-03	1.50E-02	1.95E-02	1.59E-02
408	497307.04, 3861789.65	0.89487	3.60401	4.54E-03	5.92E-03	4.83E-03	1.83E-02	2.38E-02	1.95E-02
409	497307.04, 3861889.65	0.9175	3.41085	4.66E-03	6.07E-03	4.95E-03	1.73E-02	2.26E-02	1.84E-02
410	497307.04, 3861989.65	0.96492	3.2866	4.90E-03	6.38E-03	5.21E-03	1.67E-02	2.17E-02	1.77E-02
411	497307.04, 3862089.65	0.84825	2.25325	4.31E-03	5.61E-03	4.58E-03	1.14E-02	1.49E-02	1.22E-02
412	497407.04, 3860989.65	0.22674	0.69186	1.15E-03	1.50E-03	1.22E-03	3.51E-03	4.58E-03	3.74E-03
413	497407.04, 3861089.65	0.26921	0.86102	1.37E-03	1.78E-03	1.45E-03	4.37E-03	5.70E-03	4.65E-03
414	497407.04, 3861189.65	0.31656	1.06049	1.61E-03	2.09E-03	1.71E-03	5.38E-03	7.02E-03	5.73E-03
415	497407.04, 3861289.65	0.37261	1.30831	1.89E-03	2.47E-03	2.01E-03	6.64E-03	8.66E-03	7.06E-03
416	497407.04, 3861389.65	0.45607	1.72629	2.32E-03	3.02E-03	2.46E-03	8.76E-03	1.14E-02	9.32E-03
417	497407.04, 3861489.65	0.53003	2.06198	2.69E-03	3.51E-03	2.86E-03	1.05E-02	1.36E-02	1.11E-02
418	497407.04, 3861589.65	0.62299	2.48062	3.16E-03	4.12E-03	3.36E-03	1.26E-02	1.64E-02	1.34E-02
419	497407.04, 3861689.65	0.74242	3.00596	3.77E-03	4.91E-03	4.01E-03	1.53E-02	1.99E-02	1.62E-02
420	497407.04, 3861789.65	0.89413	3.71317	4.54E-03	5.92E-03	4.83E-03	1.88E-02	2.46E-02	2.00E-02
421	497407.04, 3861889.65	1.01597	4.17116	5.16E-03	6.72E-03	5.48E-03	2.12E-02	2.76E-02	2.25E-02
422	497407.04, 3861989.65	1.19348	4.87256	6.06E-03	7.90E-03	6.44E-03	2.47E-02	3.22E-02	2.63E-02
423	497407.04, 3862089.65	1.08989	3.70855	5.53E-03	7.21E-03	5.88E-03	1.88E-02	2.45E-02	2.00E-02
424	497407.04, 3862189.65	2.02438	8.09716	1.03E-02	1.34E-02	1.09E-02	4.11E-02	5.36E-02	4.37E-02
425	497507.04, 3860989.65	0.22547	0.69346	1.14E-03	1.49E-03	1.22E-03	3.52E-03	4.59E-03	3.74E-03
426	497507.04, 3861089.65	0.26487	0.85022	1.34E-03	1.75E-03	1.43E-03	4.32E-03	5.63E-03	4.59E-03
427	497507.04, 3861189.65	0.31055	1.04221	1.58E-03	2.05E-03	1.68E-03	5.29E-03	6.90E-03	5.63E-03
428	497507.04, 3861289.65	0.35074	1.19261	1.78E-03	2.32E-03	1.89E-03	6.05E-03	7.89E-03	6.44E-03
429	497507.04, 3861389.65	0.43361	1.61434	2.20E-03	2.87E-03	2.34E-03	8.20E-03	1.07E-02	8.72E-03
430	497507.04, 3861489.65	0.51566	2.00999	2.62E-03	3.41E-03	2.78E-03	1.02E-02	1.33E-02	1.09E-02
431	497507.04, 3861589.65	0.61388	2.47825	3.12E-03	4.06E-03	3.31E-03	1.26E-02	1.64E-02	1.34E-02
432	497507.04, 3861689.65	0.72907	2.99427	3.70E-03	4.82E-03	3.94E-03	1.52E-02	1.98E-02	1.62E-02
433	497507.04, 3861789.65	0.87009	3.6612	4.42E-03	5.76E-03	4.70E-03	1.86E-02	2.42E-02	1.98E-02
434	497507.04, 3861889.65	1.02991	4.38354	5.23E-03	6.81E-03	5.56E-03	2.23E-02	2.90E-02	2.37E-02
435	497507.04, 3861989.65	1.22817	5.23038	6.23E-03	8.13E-03	6.63E-03	2.66E-02	3.46E-02	2.82E-02
436	497507.04, 3862089.65	1.49547	6.23966	7.59E-03	9.89E-03	8.07E-03	3.17E-02	4.13E-02	3.37E-02
437	497607.04, 3860989.65	0.20077	0.57854	1.02E-03	1.33E-03	1.08E-03	2.94E-03	3.83E-03	3.12E-03
438	497607.04, 3861089.65	0.24611	0.75598	1.25E-03	1.63E-03	1.33E-03	3.84E-03	5.00E-03	4.08E-03
439	497607.04, 3861189.65	0.29507	0.966	1.50E-03	1.95E-03	1.59E-03	4.90E-03	6.39E-03	5.22E-03
440	497607.04, 3861289.65	0.35899	1.27121	1.82E-03	2.38E-03	1.94E-03	6.45E-03	8.41E-03	6.86E-03
441	497607.04, 3861389.65	0.42958	1.61892	2.18E-03	2.84E-03	2.32E-03	8.22E-03	1.07E-02	8.74E-03
442	497607.04, 3861489.65	0.50984	2.01396	2.59E-03	3.37E-03	2.75E-03	1.02E-02	1.33E-02	1.09E-02
443	497607.04, 3861589.65	0.60347	2.4641	3.06E-03	3.99E-03	3.26E-03	1.25E-02	1.63E-02	1.33E-02
444	497607.04, 3861689.65	0.71544	2.98841	3.63E-03	4.73E-03	3.86E-03	1.52E-02	1.98E-02	1.61E-02

445	497607.04, 3861789.65	0.84493	3.58729	4.29E-03	5.59E-03	4.56E-03	1.82E-02	2.37E-02	1.94E-02
446	497607.04, 3861889.65	0.99614	4.25778	5.06E-03	6.59E-03	5.38E-03	2.16E-02	2.82E-02	2.30E-02
447	497607.04, 3861989.65	1.17521	4.99168	5.97E-03	7.78E-03	6.34E-03	2.53E-02	3.30E-02	2.69E-02
448	497607.04, 3862089.65	1.42495	5.96379	7.23E-03	9.43E-03	7.69E-03	3.03E-02	3.95E-02	3.22E-02
449	497607.04, 3862189.65	1.79831	7.45786	9.13E-03	1.19E-02	9.71E-03	3.79E-02	4.93E-02	4.03E-02
450	497707.04, 3860989.65	0.20391	0.59912	1.04E-03	1.35E-03	1.10E-03	3.04E-03	3.96E-03	3.23E-03
451	497707.04, 3861089.65	0.245	0.76027	1.24E-03	1.62E-03	1.32E-03	3.86E-03	5.03E-03	4.10E-03
452	497707.04, 3861189.65	0.29177	0.96241	1.48E-03	1.93E-03	1.58E-03	4.89E-03	6.37E-03	5.20E-03
453	497707.04, 3861289.65	0.33523	1.13825	1.70E-03	2.22E-03	1.81E-03	5.78E-03	7.53E-03	6.14E-03
454	497707.04, 3861389.65	0.41173	1.52803	2.09E-03	2.72E-03	2.22E-03	7.76E-03	1.01E-02	8.25E-03
455	497707.04, 3861489.65	0.48018	1.85365	2.44E-03	3.18E-03	2.59E-03	9.41E-03	1.23E-02	1.00E-02
456	497707.04, 3861589.65	0.57522	2.32337	2.92E-03	3.81E-03	3.11E-03	1.18E-02	1.54E-02	1.25E-02
457	497707.04, 3861689.65	0.69428	2.90223	3.52E-03	4.59E-03	3.75E-03	1.47E-02	1.92E-02	1.57E-02
458	497707.04, 3861789.65	0.82563	3.52918	4.19E-03	5.46E-03	4.46E-03	1.79E-02	2.34E-02	1.91E-02
459	497707.04, 3861889.65	0.94954	4.03186	4.82E-03	6.28E-03	5.13E-03	2.05E-02	2.67E-02	2.18E-02
460	497707.04, 3861989.65	0.98077	3.88699	4.98E-03	6.49E-03	5.29E-03	1.97E-02	2.57E-02	2.10E-02
461	497707.04, 3862089.65	1.35233	5.74757	6.87E-03	8.95E-03	7.30E-03	2.92E-02	3.80E-02	3.10E-02
462	497707.04, 3862189.65	1.65664	6.98834	8.41E-03	1.10E-02	8.94E-03	3.55E-02	4.62E-02	3.77E-02
463	497807.04, 3860989.65	0.20169	0.59696	1.02E-03	1.33E-03	1.09E-03	3.03E-03	3.95E-03	3.22E-03
464	497807.04, 3861089.65	0.2429	0.76116	1.23E-03	1.61E-03	1.31E-03	3.86E-03	5.04E-03	4.11E-03
465	497807.04, 3861189.65	0.28252	0.92257	1.43E-03	1.87E-03	1.53E-03	4.68E-03	6.10E-03	4.98E-03
466	497807.04, 3861289.65	0.3259	1.10277	1.65E-03	2.16E-03	1.76E-03	5.60E-03	7.30E-03	5.95E-03
467	497807.04, 3861389.65	0.40021	1.48011	2.03E-03	2.65E-03	2.16E-03	7.51E-03	9.79E-03	7.99E-03
468	497807.04, 3861489.65	0.47287	1.83842	2.40E-03	3.13E-03	2.55E-03	9.33E-03	1.22E-02	9.92E-03
469	497807.04, 3861589.65	0.5647	2.29283	2.87E-03	3.74E-03	3.05E-03	1.16E-02	1.52E-02	1.24E-02
470	497807.04, 3861689.65	0.67375	2.81247	3.42E-03	4.46E-03	3.64E-03	1.43E-02	1.86E-02	1.52E-02
471	497807.04, 3861789.65	0.79397	3.39183	4.03E-03	5.25E-03	4.29E-03	1.72E-02	2.24E-02	1.83E-02
472	497807.04, 3861889.65	0.91867	3.93771	4.66E-03	6.08E-03	4.96E-03	2.00E-02	2.61E-02	2.13E-02
473	497807.04, 3861989.65	1.07483	4.64013	5.46E-03	7.11E-03	5.80E-03	2.36E-02	3.07E-02	2.51E-02
474	497807.04, 3862089.65	1.27907	5.50607	6.49E-03	8.46E-03	6.91E-03	2.80E-02	3.64E-02	2.97E-02
475	497907.04, 3861089.65	0.24085	0.75849	1.22E-03	1.59E-03	1.30E-03	3.85E-03	5.02E-03	4.09E-03
476	497907.04, 3861189.65	0.28654	0.96198	1.45E-03	1.90E-03	1.55E-03	4.88E-03	6.36E-03	5.19E-03
477	497907.04, 3861289.65	0.33164	1.15597	1.68E-03	2.19E-03	1.79E-03	5.87E-03	7.65E-03	6.24E-03
478	497907.04, 3861389.65	0.39057	1.44132	1.98E-03	2.58E-03	2.11E-03	7.32E-03	9.54E-03	7.78E-03
479	497907.04, 3861489.65	0.46728	1.83082	2.37E-03	3.09E-03	2.52E-03	9.29E-03	1.21E-02	9.88E-03
480	497907.04, 3861589.65	0.5509	2.24158	2.80E-03	3.64E-03	2.97E-03	1.14E-02	1.48E-02	1.21E-02
481	497907.04, 3861689.65	0.64944	2.71153	3.30E-03	4.30E-03	3.51E-03	1.38E-02	1.79E-02	1.46E-02
482	497907.04, 3861789.65	0.76308	3.27051	3.87E-03	5.05E-03	4.12E-03	1.66E-02	2.16E-02	1.77E-02
483	497907.04, 3861889.65	0.88007	3.7998	4.47E-03	5.82E-03	4.75E-03	1.93E-02	2.51E-02	2.05E-02
484	497907.04, 3861989.65	1.01809	4.42372	5.17E-03	6.74E-03	5.50E-03	2.25E-02	2.93E-02	2.39E-02
485	497907.04, 3862089.65	1.2032	5.19759	6.11E-03	7.96E-03	6.50E-03	2.64E-02	3.44E-02	2.81E-02
486	498007.04, 3861089.65	0.2316	0.71948	1.18E-03	1.53E-03	1.25E-03	3.65E-03	4.76E-03	3.88E-03
487	498007.04, 3861189.65	0.28335	0.95339	1.44E-03	1.87E-03	1.53E-03	4.84E-03	6.31E-03	5.15E-03
488	498007.04, 3861289.65	0.32329	1.12384	1.64E-03	2.14E-03	1.75E-03	5.71E-03	7.44E-03	6.07E-03
489	498007.04, 3861389.65	0.38491	1.42749	1.95E-03	2.55E-03	2.08E-03	7.25E-03	9.44E-03	7.71E-03
490	498007.04, 3861489.65	0.46471	1.8406	2.36E-03	3.07E-03	2.51E-03	9.34E-03	1.22E-02	9.94E-03
491	498007.04, 3861589.65	0.55959	2.34506	2.84E-03	3.70E-03	3.02E-03	1.19E-02	1.55E-02	1.27E-02
492	498007.04, 3861689.65	0.65525	2.82556	3.33E-03	4.34E-03	3.54E-03	1.43E-02	1.87E-02	1.53E-02
493	498007.04, 3861789.65	0.75607	3.31831	3.84E-03	5.00E-03	4.08E-03	1.68E-02	2.20E-02	1.79E-02
494	498007.04, 3861889.65	0.86634	3.8122	4.40E-03	5.73E-03	4.68E-03	1.94E-02	2.52E-02	2.06E-02
495	498007.04, 3861989.65	0.98543	4.30597	5.00E-03	6.52E-03	5.32E-03	2.19E-02	2.85E-02	2.32E-02
496	498007.04, 3862089.65	1.1294	4.91961	5.73E-03	7.47E-03	6.10E-03	2.50E-02	3.25E-02	2.66E-02
497	498107.04, 3861089.65	0.24091	0.77729	1.22E-03	1.59E-03	1.30E-03	3.95E-03	5.14E-03	4.20E-03
498	498107.04, 3861189.65	0.29157	1.02114	1.48E-03	1.93E-03	1.57E-03	5.18E-03	6.76E-03	5.51E-03
499	498107.04, 3861289.65	0.34433	1.28017	1.75E-03	2.28E-03	1.86E-03	6.50E-03	8.47E-03	6.91E-03
500	498107.04, 3861389.65	0.40905	1.61763	2.08E-03	2.71E-03	2.21E-03	8.21E-03	1.07E-02	8.73E-03
501	498107.04, 3861489.65	0.47921	1.9825	2.43E-03	3.17E-03	2.59E-03	1.01E-02	1.31E-02	1.07E-02
502	498107.04, 3861589.65	0.55544	2.36385	2.82E-03	3.67E-03	3.00E-03	1.20E-02	1.56E-02	1.28E-02
503	498107.04, 3861689.65	0.63657	2.76446	3.23E-03	4.21E-03	3.44E-03	1.40E-02	1.83E-02	1.49E-02
504	498107.04, 3861789.65	0.7299	3.22637	3.71E-03	4.83E-03	3.94E-03	1.64E-02	2.13E-02	1.74E-02
505	498107.04, 3861889.65	0.83259	3.6751	4.23E-03	5.51E-03	4.49E-03	1.87E-02	2.43E-02	1.98E-02
506	498107.04, 3861989.65	0.93753	4.09486	4.76E-03	6.20E-03	5.06E-03	2.08E-02	2.71E-02	2.21E-02
507	498107.04, 3862089.65	1.05738	4.63859	5.37E-03	7.00E-03	5.71E-03	2.35E-02	3.07E-02	2.50E-02
508	498207.04, 3861089.65	0.25344	0.86298	1.29E-03	1.68E-03	1.37E-03	4.38E-03	5.71E-03	4.66E-03

509	498207.04, 3861189.65	0.30196	1.11109	1.53E-03	2.00E-03	1.63E-03	5.64E-03	7.35E-03	6.00E-03
510	498207.04, 3861289.65	0.34748	1.32301	1.76E-03	2.30E-03	1.88E-03	6.72E-03	8.75E-03	7.14E-03
511	498207.04, 3861389.65	0.40548	1.62345	2.06E-03	2.68E-03	2.19E-03	8.24E-03	1.07E-02	8.76E-03
512	498207.04, 3861489.65	0.4678	1.9422	2.37E-03	3.10E-03	2.53E-03	9.86E-03	1.29E-02	1.05E-02
513	498207.04, 3861589.65	0.5355	2.27902	2.72E-03	3.54E-03	2.89E-03	1.16E-02	1.51E-02	1.23E-02
514	498207.04, 3861689.65	0.61311	2.66177	3.11E-03	4.06E-03	3.31E-03	1.35E-02	1.76E-02	1.44E-02
515	498207.04, 3861789.65	0.70297	3.11488	3.57E-03	4.65E-03	3.80E-03	1.58E-02	2.06E-02	1.68E-02
516	498207.04, 3861889.65	0.797	3.51327	4.05E-03	5.27E-03	4.30E-03	1.78E-02	2.32E-02	1.90E-02
517	498207.04, 3861989.65	0.8898	3.89248	4.52E-03	5.89E-03	4.80E-03	1.98E-02	2.58E-02	2.10E-02
518	498207.04, 3862089.65	0.98734	4.36765	5.01E-03	6.53E-03	5.33E-03	2.22E-02	2.89E-02	2.36E-02
519	498307.04, 3861089.65	0.25166	0.86485	1.28E-03	1.67E-03	1.36E-03	4.39E-03	5.72E-03	4.67E-03
520	498307.04, 3861189.65	0.29082	1.04706	1.48E-03	1.92E-03	1.57E-03	5.32E-03	6.93E-03	5.65E-03
521	498307.04, 3861289.65	0.33247	1.23994	1.69E-03	2.20E-03	1.79E-03	6.29E-03	8.20E-03	6.69E-03
522	498307.04, 3861389.65	0.37484	1.43251	1.90E-03	2.48E-03	2.02E-03	7.27E-03	9.48E-03	7.73E-03
523	498307.04, 3861489.65	0.42346	1.66529	2.15E-03	2.80E-03	2.29E-03	8.45E-03	1.10E-02	8.99E-03
524	498307.04, 3861589.65	0.49861	2.07035	2.53E-03	3.30E-03	2.69E-03	1.05E-02	1.37E-02	1.12E-02
525	498307.04, 3861689.65	0.58287	2.50722	2.96E-03	3.86E-03	3.15E-03	1.27E-02	1.66E-02	1.35E-02
526	498307.04, 3861789.65	0.6724	2.9572	3.41E-03	4.45E-03	3.63E-03	1.50E-02	1.96E-02	1.60E-02
527	498307.04, 3861889.65	0.76305	3.36896	3.87E-03	5.05E-03	4.12E-03	1.71E-02	2.23E-02	1.82E-02
528	498307.04, 3861989.65	0.84612	3.74167	4.30E-03	5.60E-03	4.57E-03	1.90E-02	2.48E-02	2.02E-02
529	498307.04, 3862089.65	0.92549	4.11595	4.70E-03	6.12E-03	5.00E-03	2.09E-02	2.72E-02	2.22E-02
530	498407.04, 3861189.65	0.26119	0.86588	1.33E-03	1.73E-03	1.41E-03	4.40E-03	5.73E-03	4.67E-03
531	498407.04, 3861289.65	0.30091	1.04818	1.53E-03	1.99E-03	1.62E-03	5.32E-03	6.94E-03	5.66E-03
532	498407.04, 3861389.65	0.35443	1.32436	1.80E-03	2.35E-03	1.91E-03	6.72E-03	8.76E-03	7.15E-03
533	498407.04, 3861489.65	0.42203	1.69488	2.14E-03	2.79E-03	2.28E-03	8.60E-03	1.12E-02	9.15E-03
534	498407.04, 3861589.65	0.48693	2.03404	2.47E-03	3.22E-03	2.63E-03	1.03E-02	1.35E-02	1.10E-02
535	498407.04, 3861689.65	0.56607	2.44514	2.87E-03	3.75E-03	3.06E-03	1.24E-02	1.62E-02	1.32E-02
536	498407.04, 3861789.65	0.6466	2.83358	3.28E-03	4.28E-03	3.49E-03	1.44E-02	1.87E-02	1.53E-02
537	498407.04, 3861889.65	0.73414	3.26304	3.73E-03	4.86E-03	3.96E-03	1.66E-02	2.16E-02	1.76E-02
538	498407.04, 3861989.65	0.80403	3.57564	4.08E-03	5.32E-03	4.34E-03	1.82E-02	2.37E-02	1.93E-02
539	498407.04, 3862089.65	0.86801	3.91725	4.41E-03	5.74E-03	4.69E-03	1.99E-02	2.59E-02	2.11E-02
540	498507.04, 3861189.65	0.24273	0.77924	1.23E-03	1.61E-03	1.31E-03	3.96E-03	5.16E-03	4.21E-03
541	498507.04, 3861289.65	0.28539	0.95858	1.45E-03	1.89E-03	1.54E-03	4.87E-03	6.34E-03	5.17E-03
542	498507.04, 3861389.65	0.33507	1.21127	1.70E-03	2.22E-03	1.81E-03	6.15E-03	8.01E-03	6.54E-03
543	498507.04, 3861489.65	0.40306	1.58893	2.05E-03	2.67E-03	2.18E-03	8.07E-03	1.05E-02	8.58E-03
544	498507.04, 3861589.65	0.46591	1.92682	2.37E-03	3.08E-03	2.52E-03	9.78E-03	1.27E-02	1.04E-02
545	498507.04, 3861689.65	0.54443	2.3478	2.76E-03	3.60E-03	2.94E-03	1.19E-02	1.55E-02	1.27E-02
546	498507.04, 3861789.65	0.61398	2.69102	3.12E-03	4.06E-03	3.31E-03	1.37E-02	1.78E-02	1.45E-02
547	498507.04, 3861889.65	0.68918	3.07405	3.50E-03	4.56E-03	3.72E-03	1.56E-02	2.03E-02	1.66E-02
548	498507.04, 3861989.65	0.76082	3.43745	3.86E-03	5.03E-03	4.11E-03	1.75E-02	2.27E-02	1.86E-02
549	498507.04, 3862089.65	0.81606	3.75606	4.14E-03	5.40E-03	4.41E-03	1.91E-02	2.49E-02	2.03E-02
550	493116.28, 3862593.93	0.2561	2.50809	1.30E-03	1.69E-03	1.38E-03	1.27E-02	1.66E-02	1.35E-02
551	493116.28, 3862693.93	0.23682	2.33228	1.20E-03	1.57E-03	1.28E-03	1.18E-02	1.54E-02	1.26E-02
552	493216.28, 3862493.93	0.29287	2.76815	1.49E-03	1.94E-03	1.58E-03	1.41E-02	1.83E-02	1.49E-02
553	493216.28, 3862593.93	0.26739	2.57193	1.36E-03	1.77E-03	1.44E-03	1.31E-02	1.70E-02	1.39E-02
554	493216.28, 3862693.93	0.24551	2.38999	1.25E-03	1.62E-03	1.33E-03	1.21E-02	1.58E-02	1.29E-02
555	493316.28, 3862293.93	0.3783	3.45032	1.92E-03	2.50E-03	2.04E-03	1.75E-02	2.28E-02	1.86E-02
556	493316.28, 3862393.93	0.33764	3.13008	1.71E-03	2.23E-03	1.82E-03	1.59E-02	2.07E-02	1.69E-02
557	493316.28, 3862493.93	0.30471	2.85499	1.55E-03	2.02E-03	1.65E-03	1.45E-02	1.89E-02	1.54E-02
558	493316.28, 3862593.93	0.27777	2.6473	1.41E-03	1.84E-03	1.50E-03	1.34E-02	1.75E-02	1.43E-02
559	493316.28, 3862693.93	0.25464	2.44753	1.29E-03	1.68E-03	1.37E-03	1.24E-02	1.62E-02	1.32E-02
560	493316.28, 3862793.93	0.2344	2.26333	1.19E-03	1.55E-03	1.27E-03	1.15E-02	1.50E-02	1.22E-02
561	493416.28, 3862093.93	0.51956	4.32453	2.64E-03	3.44E-03	2.80E-03	2.20E-02	2.86E-02	2.33E-02
562	493416.28, 3862193.93	0.4522	3.89247	2.30E-03	2.99E-03	2.44E-03	1.98E-02	2.58E-02	2.10E-02
563	493416.28, 3862293.93	0.39778	3.54338	2.02E-03	2.63E-03	2.15E-03	1.80E-02	2.34E-02	1.91E-02
564	493416.28, 3862393.93	0.35393	3.2318	1.80E-03	2.34E-03	1.91E-03	1.64E-02	2.14E-02	1.74E-02
565	493416.28, 3862493.93	0.31834	2.94426	1.62E-03	2.11E-03	1.72E-03	1.49E-02	1.95E-02	1.59E-02
566	493416.28, 3862593.93	0.28915	2.71983	1.47E-03	1.91E-03	1.56E-03	1.38E-02	1.80E-02	1.47E-02
567	493416.28, 3862693.93	0.26396	2.51414	1.34E-03	1.75E-03	1.43E-03	1.28E-02	1.66E-02	1.36E-02
568	493416.28, 3862793.93	0.24188	2.31984	1.23E-03	1.60E-03	1.31E-03	1.18E-02	1.53E-02	1.25E-02
569	493516.28, 3862193.93	0.47654	3.97728	2.42E-03	3.15E-03	2.57E-03	2.02E-02	2.63E-02	2.15E-02
570	493516.28, 3862293.93	0.41848	3.62591	2.12E-03	2.77E-03	2.26E-03	1.84E-02	2.40E-02	1.96E-02
571	493516.28, 3862393.93	0.37088	3.30621	1.88E-03	2.45E-03	2.00E-03	1.68E-02	2.19E-02	1.78E-02
572	493516.28, 3862493.93	0.33239	3.01228	1.69E-03	2.20E-03	1.79E-03	1.53E-02	1.99E-02	1.63E-02

573	493516.28, 3862593.93	0.3008	2.79033	1.53E-03	1.99E-03	1.62E-03	1.42E-02	1.85E-02	1.51E-02
574	493516.28, 3862693.93	0.27397	2.58355	1.39E-03	1.81E-03	1.48E-03	1.31E-02	1.71E-02	1.39E-02
575	493516.28, 3862793.93	0.25053	2.3749	1.27E-03	1.66E-03	1.35E-03	1.21E-02	1.57E-02	1.28E-02
576	493616.28, 3862193.93	0.50311	4.08663	2.55E-03	3.33E-03	2.72E-03	2.07E-02	2.70E-02	2.21E-02
577	493616.28, 3862293.93	0.44037	3.70621	2.24E-03	2.91E-03	2.38E-03	1.88E-02	2.45E-02	2.00E-02
578	493616.28, 3862393.93	0.38856	3.37593	1.97E-03	2.57E-03	2.10E-03	1.71E-02	2.23E-02	1.82E-02
579	493616.28, 3862493.93	0.34697	3.06767	1.76E-03	2.30E-03	1.87E-03	1.56E-02	2.03E-02	1.66E-02
580	493616.28, 3862593.93	0.31297	2.84688	1.59E-03	2.07E-03	1.69E-03	1.45E-02	1.88E-02	1.54E-02
581	493616.28, 3862693.93	0.28401	2.63975	1.44E-03	1.88E-03	1.53E-03	1.34E-02	1.75E-02	1.43E-02
582	493616.28, 3862793.93	0.25248	2.39523	1.28E-03	1.67E-03	1.36E-03	1.22E-02	1.58E-02	1.29E-02
583	493716.28, 3862193.93	0.53177	4.2422	2.70E-03	3.52E-03	2.87E-03	2.15E-02	2.81E-02	2.29E-02
584	493716.28, 3862293.93	0.46321	3.78354	2.35E-03	3.06E-03	2.50E-03	1.92E-02	2.50E-02	2.04E-02
585	493716.28, 3862393.93	0.40369	3.45999	2.05E-03	2.67E-03	2.18E-03	1.76E-02	2.29E-02	1.87E-02
586	493716.28, 3862493.93	0.35755	3.13019	1.82E-03	2.37E-03	1.93E-03	1.59E-02	2.07E-02	1.69E-02
587	493716.28, 3862593.93	0.32553	2.89944	1.65E-03	2.15E-03	1.76E-03	1.47E-02	1.92E-02	1.57E-02
588	493716.28, 3862693.93	0.29503	2.69608	1.50E-03	1.95E-03	1.59E-03	1.37E-02	1.78E-02	1.46E-02
589	493716.28, 3862793.93	0.2666	2.47135	1.35E-03	1.76E-03	1.44E-03	1.25E-02	1.64E-02	1.33E-02
590	493816.28, 3862193.93	0.56206	4.39838	2.85E-03	3.72E-03	3.03E-03	2.23E-02	2.91E-02	2.37E-02
591	493816.28, 3862293.93	0.48692	3.88543	2.47E-03	3.22E-03	2.63E-03	1.97E-02	2.57E-02	2.10E-02
592	493816.28, 3862393.93	0.42652	3.50568	2.17E-03	2.82E-03	2.30E-03	1.78E-02	2.32E-02	1.89E-02
593	493816.28, 3862493.93	0.37781	3.18053	1.92E-03	2.50E-03	2.04E-03	1.61E-02	2.10E-02	1.72E-02
594	493816.28, 3862593.93	0.33866	2.94677	1.72E-03	2.24E-03	1.83E-03	1.50E-02	1.95E-02	1.59E-02
595	493816.28, 3862693.93	0.30631	2.73396	1.55E-03	2.03E-03	1.65E-03	1.39E-02	1.81E-02	1.48E-02
596	493816.28, 3862793.93	0.27597	2.51639	1.40E-03	1.83E-03	1.49E-03	1.28E-02	1.66E-02	1.36E-02
597	493916.28, 3862193.93	0.59318	4.53677	3.01E-03	3.92E-03	3.20E-03	2.30E-02	3.00E-02	2.45E-02
598	493916.28, 3862293.93	0.51183	4.00886	2.60E-03	3.39E-03	2.76E-03	2.04E-02	2.65E-02	2.16E-02
599	493916.28, 3862393.93	0.4467	3.59171	2.27E-03	2.96E-03	2.41E-03	1.82E-02	2.38E-02	1.94E-02
600	493916.28, 3862493.93	0.39432	3.23723	2.00E-03	2.61E-03	2.13E-03	1.64E-02	2.14E-02	1.75E-02
601	493916.28, 3862593.93	0.35234	2.99005	1.79E-03	2.33E-03	1.90E-03	1.52E-02	1.98E-02	1.61E-02
602	493916.28, 3862693.93	0.31781	2.76814	1.61E-03	2.10E-03	1.72E-03	1.41E-02	1.83E-02	1.49E-02
603	493916.28, 3862793.93	0.28613	2.54765	1.45E-03	1.89E-03	1.54E-03	1.29E-02	1.69E-02	1.38E-02
604	493916.28, 3862893.93	0.25642	2.34136	1.30E-03	1.70E-03	1.38E-03	1.19E-02	1.55E-02	1.26E-02
605	494016.28, 3862293.93	0.53796	4.12533	2.73E-03	3.56E-03	2.90E-03	2.09E-02	2.73E-02	2.23E-02
606	494016.28, 3862393.93	0.46759	3.68981	2.37E-03	3.09E-03	2.52E-03	1.87E-02	2.44E-02	1.99E-02
607	494016.28, 3862493.93	0.41166	3.30923	2.09E-03	2.72E-03	2.22E-03	1.68E-02	2.19E-02	1.79E-02
608	494016.28, 3862593.93	0.36652	3.03313	1.86E-03	2.43E-03	1.98E-03	1.54E-02	2.01E-02	1.64E-02
609	494016.28, 3862693.93	0.32958	2.79965	1.67E-03	2.18E-03	1.78E-03	1.42E-02	1.85E-02	1.51E-02
610	494016.28, 3862793.93	0.29284	2.5743	1.49E-03	1.94E-03	1.58E-03	1.31E-02	1.70E-02	1.39E-02
611	494016.28, 3862893.93	0.25722	2.3007	1.31E-03	1.70E-03	1.39E-03	1.17E-02	1.52E-02	1.24E-02
612	494116.28, 3862293.93	0.56538	4.246	2.87E-03	3.74E-03	3.05E-03	2.16E-02	2.81E-02	2.29E-02
613	494116.28, 3862393.93	0.48946	3.79474	2.48E-03	3.24E-03	2.64E-03	1.93E-02	2.51E-02	2.05E-02
614	494116.28, 3862493.93	0.4296	3.39467	2.18E-03	2.84E-03	2.32E-03	1.72E-02	2.25E-02	1.83E-02
615	494116.28, 3862593.93	0.3814	3.09439	1.94E-03	2.52E-03	2.06E-03	1.57E-02	2.05E-02	1.67E-02
616	494116.28, 3862693.93	0.34194	2.83865	1.74E-03	2.26E-03	1.85E-03	1.44E-02	1.88E-02	1.53E-02
617	494116.28, 3862793.93	0.30555	2.60868	1.55E-03	2.02E-03	1.65E-03	1.32E-02	1.73E-02	1.41E-02
618	494116.28, 3862893.93	0.27269	2.38803	1.38E-03	1.80E-03	1.47E-03	1.21E-02	1.58E-02	1.29E-02
619	494216.28, 3862293.93	0.595	4.37791	3.02E-03	3.94E-03	3.21E-03	2.22E-02	2.90E-02	2.36E-02
620	494216.28, 3862393.93	0.5122	3.90006	2.60E-03	3.39E-03	2.77E-03	1.98E-02	2.58E-02	2.11E-02
621	494216.28, 3862493.93	0.44806	3.48388	2.27E-03	2.96E-03	2.42E-03	1.77E-02	2.31E-02	1.88E-02
622	494216.28, 3862593.93	0.39679	3.17013	2.01E-03	2.63E-03	2.14E-03	1.61E-02	2.10E-02	1.71E-02
623	494216.28, 3862693.93	0.3548	2.89511	1.80E-03	2.35E-03	1.92E-03	1.47E-02	1.92E-02	1.56E-02
624	494216.28, 3862793.93	0.31732	2.64979	1.61E-03	2.10E-03	1.71E-03	1.35E-02	1.75E-02	1.43E-02
625	494216.28, 3862893.93	0.28177	2.4133	1.43E-03	1.86E-03	1.52E-03	1.23E-02	1.60E-02	1.30E-02
626	494316.28, 3862293.93	0.62779	4.52318	3.19E-03	4.15E-03	3.39E-03	2.30E-02	2.99E-02	2.44E-02
627	494316.28, 3862393.93	0.53691	4.01333	2.73E-03	3.55E-03	2.90E-03	2.04E-02	2.66E-02	2.17E-02
628	494316.28, 3862493.93	0.46753	3.57645	2.37E-03	3.09E-03	2.52E-03	1.82E-02	2.37E-02	1.93E-02
629	494316.28, 3862593.93	0.41279	3.25147	2.10E-03	2.73E-03	2.23E-03	1.65E-02	2.15E-02	1.76E-02
630	494316.28, 3862693.93	0.3681	2.95958	1.87E-03	2.44E-03	1.99E-03	1.50E-02	1.96E-02	1.60E-02
631	494316.28, 3862793.93	0.32856	2.69229	1.67E-03	2.17E-03	1.77E-03	1.37E-02	1.78E-02	1.45E-02
632	494316.28, 3862893.93	0.29111	2.44267	1.48E-03	1.93E-03	1.57E-03	1.24E-02	1.62E-02	1.32E-02
633	494416.28, 3862293.93	0.66313	4.67956	3.37E-03	4.39E-03	3.58E-03	2.38E-02	3.10E-02	2.53E-02
634	494416.28, 3862393.93	0.56214	4.1203	2.85E-03	3.72E-03	3.03E-03	2.09E-02	2.73E-02	2.22E-02
635	494416.28, 3862493.93	0.4873	3.65949	2.47E-03	3.22E-03	2.63E-03	1.86E-02	2.42E-02	1.98E-02
636	494416.28, 3862593.93	0.42874	3.32337	2.18E-03	2.84E-03	2.31E-03	1.69E-02	2.20E-02	1.79E-02

637	494416.28, 3862693.93	0.3815	3.02442	1.94E-03	2.52E-03	2.06E-03	1.54E-02	2.00E-02	1.63E-02
638	494416.28, 3862793.93	0.34156	2.75144	1.73E-03	2.26E-03	1.84E-03	1.40E-02	1.82E-02	1.49E-02
639	494416.28, 3862893.93	0.30342	2.49968	1.54E-03	2.01E-03	1.64E-03	1.27E-02	1.65E-02	1.35E-02
640	494516.28, 3862293.93	0.70162	4.84848	3.56E-03	4.64E-03	3.79E-03	2.46E-02	3.21E-02	2.62E-02
641	494516.28, 3862393.93	0.59052	4.24583	3.00E-03	3.91E-03	3.19E-03	2.16E-02	2.81E-02	2.29E-02
642	494516.28, 3862493.93	0.50878	3.75226	2.58E-03	3.37E-03	2.75E-03	1.90E-02	2.48E-02	2.03E-02
643	494516.28, 3862593.93	0.44576	3.3995	2.26E-03	2.95E-03	2.41E-03	1.73E-02	2.25E-02	1.84E-02
644	494516.28, 3862693.93	0.39506	3.08593	2.01E-03	2.61E-03	2.13E-03	1.57E-02	2.04E-02	1.67E-02
645	494516.28, 3862793.93	0.35316	2.80194	1.79E-03	2.34E-03	1.91E-03	1.42E-02	1.85E-02	1.51E-02
646	494516.28, 3862893.93	0.31736	2.55024	1.61E-03	2.10E-03	1.71E-03	1.29E-02	1.69E-02	1.38E-02
647	494516.28, 3862993.93	0.27932	2.29368	1.42E-03	1.85E-03	1.51E-03	1.16E-02	1.52E-02	1.24E-02
648	494616.28, 3862393.93	0.62137	4.38279	3.15E-03	4.11E-03	3.35E-03	2.22E-02	2.90E-02	2.37E-02
649	494616.28, 3862493.93	0.53159	3.84917	2.70E-03	3.52E-03	2.87E-03	1.95E-02	2.55E-02	2.08E-02
650	494616.28, 3862593.93	0.46368	3.47648	2.35E-03	3.07E-03	2.50E-03	1.76E-02	2.30E-02	1.88E-02
651	494616.28, 3862693.93	0.40936	3.14842	2.08E-03	2.71E-03	2.21E-03	1.60E-02	2.08E-02	1.70E-02
652	494616.28, 3862793.93	0.36498	2.8539	1.85E-03	2.41E-03	1.97E-03	1.45E-02	1.89E-02	1.54E-02
653	494616.28, 3862893.93	0.32724	2.59457	1.66E-03	2.17E-03	1.77E-03	1.32E-02	1.72E-02	1.40E-02
654	494616.28, 3862993.93	0.2934	2.35844	1.49E-03	1.94E-03	1.58E-03	1.20E-02	1.56E-02	1.27E-02
655	494716.28, 3862393.93	0.65623	4.54077	3.33E-03	4.34E-03	3.54E-03	2.31E-02	3.00E-02	2.45E-02
656	494716.28, 3862493.93	0.55659	3.95609	2.83E-03	3.68E-03	3.00E-03	2.01E-02	2.62E-02	2.14E-02
657	494716.28, 3862593.93	0.48307	3.56111	2.45E-03	3.20E-03	2.61E-03	1.81E-02	2.36E-02	1.92E-02
658	494716.28, 3862693.93	0.42399	3.20752	2.15E-03	2.81E-03	2.29E-03	1.63E-02	2.12E-02	1.73E-02
659	494716.28, 3862793.93	0.37714	2.90381	1.91E-03	2.50E-03	2.04E-03	1.47E-02	1.92E-02	1.57E-02
660	494716.28, 3862893.93	0.33734	2.63764	1.71E-03	2.23E-03	1.82E-03	1.34E-02	1.75E-02	1.42E-02
661	494716.28, 3862993.93	0.30252	2.3898	1.54E-03	2.00E-03	1.63E-03	1.21E-02	1.58E-02	1.29E-02
662	494816.28, 3862393.93	0.6933	4.70543	3.52E-03	4.59E-03	3.74E-03	2.39E-02	3.11E-02	2.54E-02
663	494816.28, 3862493.93	0.58386	4.0759	2.96E-03	3.86E-03	3.15E-03	2.07E-02	2.70E-02	2.20E-02
664	494816.28, 3862593.93	0.50348	3.64626	2.56E-03	3.33E-03	2.72E-03	1.85E-02	2.41E-02	1.97E-02
665	494816.28, 3862693.93	0.43994	3.27197	2.23E-03	2.91E-03	2.38E-03	1.66E-02	2.16E-02	1.77E-02
666	494816.28, 3862793.93	0.38968	2.94991	1.98E-03	2.58E-03	2.10E-03	1.50E-02	1.95E-02	1.59E-02
667	494816.28, 3862893.93	0.34795	2.68198	1.77E-03	2.30E-03	1.88E-03	1.36E-02	1.77E-02	1.45E-02
668	494816.28, 3862993.93	0.31239	2.43319	1.59E-03	2.07E-03	1.69E-03	1.24E-02	1.61E-02	1.31E-02
669	494916.28, 3862393.93	0.73104	4.86426	3.71E-03	4.84E-03	3.95E-03	2.47E-02	3.22E-02	2.63E-02
670	494916.28, 3862493.93	0.61366	4.20967	3.12E-03	4.06E-03	3.31E-03	2.14E-02	2.79E-02	2.27E-02
671	494916.28, 3862593.93	0.52503	3.73689	2.67E-03	3.47E-03	2.83E-03	1.90E-02	2.47E-02	2.02E-02
672	494916.28, 3862693.93	0.45684	3.33999	2.32E-03	3.02E-03	2.47E-03	1.70E-02	2.21E-02	1.80E-02
673	494916.28, 3862793.93	0.40256	2.99562	2.04E-03	2.66E-03	2.17E-03	1.52E-02	1.98E-02	1.62E-02
674	494916.28, 3862893.93	0.3586	2.71924	1.82E-03	2.37E-03	1.94E-03	1.38E-02	1.80E-02	1.47E-02
675	494916.28, 3862993.93	0.32213	2.46657	1.64E-03	2.13E-03	1.74E-03	1.25E-02	1.63E-02	1.33E-02
676	495016.28, 3862393.93	0.77077	5.02471	3.91E-03	5.10E-03	4.16E-03	2.55E-02	3.32E-02	2.71E-02
677	495016.28, 3862493.93	0.64346	4.33137	3.27E-03	4.26E-03	3.47E-03	2.20E-02	2.87E-02	2.34E-02
678	495016.28, 3862593.93	0.54649	3.82243	2.77E-03	3.62E-03	2.95E-03	1.94E-02	2.53E-02	2.06E-02
679	495016.28, 3862693.93	0.47486	3.41308	2.41E-03	3.14E-03	2.56E-03	1.73E-02	2.26E-02	1.84E-02
680	495016.28, 3862793.93	0.41635	3.04651	2.11E-03	2.75E-03	2.25E-03	1.55E-02	2.02E-02	1.64E-02
681	495016.28, 3862893.93	0.36957	2.75478	1.88E-03	2.45E-03	2.00E-03	1.40E-02	1.82E-02	1.49E-02
682	495016.28, 3862993.93	0.33117	2.49526	1.68E-03	2.19E-03	1.79E-03	1.27E-02	1.65E-02	1.35E-02
683	495016.28, 3863093.93	0.29301	2.25791	1.49E-03	1.94E-03	1.58E-03	1.15E-02	1.49E-02	1.22E-02
684	495116.28, 3862493.93	0.6747	4.46699	3.43E-03	4.46E-03	3.64E-03	2.27E-02	2.96E-02	2.41E-02
685	495116.28, 3862593.93	0.57222	3.93604	2.90E-03	3.79E-03	3.09E-03	2.00E-02	2.60E-02	2.12E-02
686	495116.28, 3862693.93	0.49368	3.48775	2.51E-03	3.27E-03	2.67E-03	1.77E-02	2.31E-02	1.88E-02
687	495116.28, 3862793.93	0.43038	3.0965	2.18E-03	2.85E-03	2.32E-03	1.57E-02	2.05E-02	1.67E-02
688	495116.28, 3862893.93	0.38101	2.79146	1.93E-03	2.52E-03	2.06E-03	1.42E-02	1.85E-02	1.51E-02
689	495116.28, 3862993.93	0.34016	2.51459	1.73E-03	2.25E-03	1.84E-03	1.28E-02	1.66E-02	1.36E-02
690	495116.28, 3863093.93	0.29221	2.21086	1.48E-03	1.93E-03	1.58E-03	1.12E-02	1.46E-02	1.19E-02
691	495216.28, 3862493.93	0.70997	4.63833	3.60E-03	4.70E-03	3.83E-03	2.35E-02	3.07E-02	2.50E-02
692	495216.28, 3862593.93	0.5982	4.04382	3.04E-03	3.96E-03	3.23E-03	2.05E-02	2.68E-02	2.18E-02
693	495216.28, 3862693.93	0.51342	3.56494	2.61E-03	3.40E-03	2.77E-03	1.81E-02	2.36E-02	1.92E-02
694	495216.28, 3862793.93	0.44486	3.14671	2.26E-03	2.94E-03	2.40E-03	1.60E-02	2.08E-02	1.70E-02
695	495216.28, 3862893.93	0.39185	2.8204	1.99E-03	2.59E-03	2.12E-03	1.43E-02	1.87E-02	1.52E-02
696	495216.28, 3862993.93	0.30139	2.12129	1.53E-03	1.99E-03	1.63E-03	1.08E-02	1.40E-02	1.15E-02
697	495216.28, 3863093.93	0.24769	1.71842	1.26E-03	1.64E-03	1.34E-03	8.72E-03	1.14E-02	9.28E-03
698	495316.28, 3862493.93	0.74265	4.77394	3.77E-03	4.91E-03	4.01E-03	2.42E-02	3.16E-02	2.58E-02
699	495316.28, 3862593.93	0.6256	4.18048	3.18E-03	4.14E-03	3.38E-03	2.12E-02	2.77E-02	2.26E-02
700	495316.28, 3862693.93	0.53517	3.65051	2.72E-03	3.54E-03	2.89E-03	1.85E-02	2.42E-02	1.97E-02

701	495316.28, 3862793.93	0.46006	3.19924	2.34E-03	3.04E-03	2.48E-03	1.62E-02	2.12E-02	1.73E-02
702	495316.28, 3862893.93	0.40486	2.86413	2.06E-03	2.68E-03	2.19E-03	1.45E-02	1.89E-02	1.55E-02
703	495316.28, 3862993.93	0.23557	1.50035	1.20E-03	1.56E-03	1.27E-03	7.62E-03	9.93E-03	8.10E-03
704	495316.28, 3863093.93	0.28109	1.98307	1.43E-03	1.86E-03	1.52E-03	1.01E-02	1.31E-02	1.07E-02
705	495416.28, 3862493.93	0.78476	4.96644	3.98E-03	5.19E-03	4.24E-03	2.52E-02	3.29E-02	2.68E-02
706	495416.28, 3862593.93	0.65731	4.33964	3.34E-03	4.35E-03	3.55E-03	2.20E-02	2.87E-02	2.34E-02
707	495416.28, 3862693.93	0.55587	3.73646	2.82E-03	3.68E-03	3.00E-03	1.90E-02	2.47E-02	2.02E-02
708	495416.28, 3862793.93	0.47796	3.26871	2.43E-03	3.16E-03	2.58E-03	1.66E-02	2.16E-02	1.76E-02
709	495416.28, 3862893.93	0.41846	2.90883	2.12E-03	2.77E-03	2.26E-03	1.48E-02	1.92E-02	1.57E-02
710	495416.28, 3862993.93	0.22901	1.40657	1.16E-03	1.52E-03	1.24E-03	7.14E-03	9.31E-03	7.59E-03
711	495416.28, 3863093.93	0.21333	1.36436	1.08E-03	1.41E-03	1.15E-03	6.93E-03	9.03E-03	7.37E-03
712	495516.28, 3862493.93	0.83452	5.20055	4.24E-03	5.52E-03	4.51E-03	2.64E-02	3.44E-02	2.81E-02
713	495516.28, 3862593.93	0.68756	4.47465	3.49E-03	4.55E-03	3.71E-03	2.27E-02	2.96E-02	2.42E-02
714	495516.28, 3862693.93	0.57897	3.84047	2.94E-03	3.83E-03	3.13E-03	1.95E-02	2.54E-02	2.07E-02
715	495516.28, 3862793.93	0.49538	3.33653	2.51E-03	3.28E-03	2.67E-03	1.69E-02	2.21E-02	1.80E-02
716	495516.28, 3862893.93	0.43312	2.94942	2.20E-03	2.87E-03	2.34E-03	1.50E-02	1.95E-02	1.59E-02
717	495516.28, 3862993.93	0.25125	1.56725	1.28E-03	1.66E-03	1.36E-03	7.96E-03	1.04E-02	8.46E-03
718	495516.28, 3863093.93	0.19165	1.17017	9.73E-04	1.27E-03	1.03E-03	5.94E-03	7.74E-03	6.32E-03
719	495616.28, 3862593.93	0.72171	4.62427	3.66E-03	4.78E-03	3.90E-03	2.35E-02	3.06E-02	2.50E-02
720	495616.28, 3862693.93	0.60432	3.95822	3.07E-03	4.00E-03	3.26E-03	2.01E-02	2.62E-02	2.14E-02
721	495616.28, 3862793.93	0.51503	3.43314	2.61E-03	3.41E-03	2.78E-03	1.74E-02	2.27E-02	1.85E-02
722	495616.28, 3862893.93	0.44434	2.97621	2.26E-03	2.94E-03	2.40E-03	1.51E-02	1.97E-02	1.61E-02
723	495616.28, 3862993.93	0.37035	2.49645	1.88E-03	2.45E-03	2.00E-03	1.27E-02	1.65E-02	1.35E-02
724	495616.28, 3863093.93	0.19816	1.22204	1.01E-03	1.31E-03	1.07E-03	6.20E-03	8.09E-03	6.60E-03
725	495616.28, 3863193.93	0.16606	1.04395	8.43E-04	1.10E-03	8.96E-04	5.30E-03	6.91E-03	5.64E-03
726	495716.28, 3862593.93	0.75734	4.76874	3.84E-03	5.01E-03	4.09E-03	2.42E-02	3.16E-02	2.57E-02
727	495716.28, 3862693.93	0.63004	4.06773	3.20E-03	4.17E-03	3.40E-03	2.06E-02	2.69E-02	2.20E-02
728	495716.28, 3862793.93	0.53484	3.52189	2.72E-03	3.54E-03	2.89E-03	1.79E-02	2.33E-02	1.90E-02
729	495716.28, 3862893.93	0.45838	3.03516	2.33E-03	3.03E-03	2.47E-03	1.54E-02	2.01E-02	1.64E-02
730	495716.28, 3862993.93	0.39914	2.67204	2.03E-03	2.64E-03	2.15E-03	1.36E-02	1.77E-02	1.44E-02
731	495716.28, 3863093.93	0.21616	1.35234	1.10E-03	1.43E-03	1.17E-03	6.87E-03	8.95E-03	7.30E-03
732	495716.28, 3863193.93	0.16289	1.02921	8.27E-04	1.08E-03	8.79E-04	5.22E-03	6.81E-03	5.56E-03
733	495816.28, 3862593.93	0.79486	4.90934	4.04E-03	5.26E-03	4.29E-03	2.49E-02	3.25E-02	2.65E-02
734	495816.28, 3862693.93	0.65652	4.18335	3.33E-03	4.34E-03	3.54E-03	2.12E-02	2.77E-02	2.26E-02
735	495816.28, 3862793.93	0.55391	3.60446	2.81E-03	3.66E-03	2.99E-03	1.83E-02	2.38E-02	1.95E-02
736	495816.28, 3862893.93	0.47193	3.08449	2.40E-03	3.12E-03	2.55E-03	1.57E-02	2.04E-02	1.67E-02
737	495816.28, 3862993.93	0.40968	2.73625	2.08E-03	2.71E-03	2.21E-03	1.39E-02	1.81E-02	1.48E-02
738	495816.28, 3863093.93	0.22862	1.44564	1.16E-03	1.51E-03	1.23E-03	7.34E-03	9.56E-03	7.80E-03
739	495816.28, 3863193.93	0.17201	1.10709	8.73E-04	1.14E-03	9.29E-04	5.62E-03	7.32E-03	5.98E-03
740	495916.28, 3862593.93	0.83685	5.06475	4.25E-03	5.54E-03	4.52E-03	2.57E-02	3.35E-02	2.73E-02
741	495916.28, 3862693.93	0.68652	4.31897	3.49E-03	4.54E-03	3.71E-03	2.19E-02	2.86E-02	2.33E-02
742	495916.28, 3862793.93	0.57412	3.68785	2.91E-03	3.80E-03	3.10E-03	1.87E-02	2.44E-02	1.99E-02
743	495916.28, 3862893.93	0.48718	3.15504	2.47E-03	3.22E-03	2.63E-03	1.60E-02	2.09E-02	1.70E-02
744	495916.28, 3862993.93	0.42338	2.81634	2.15E-03	2.80E-03	2.29E-03	1.43E-02	1.86E-02	1.52E-02
745	495916.28, 3863093.93	0.33339	2.22421	1.69E-03	2.21E-03	1.80E-03	1.13E-02	1.47E-02	1.20E-02
746	495916.28, 3863193.93	0.1761	1.13724	8.94E-04	1.17E-03	9.51E-04	5.77E-03	7.52E-03	6.14E-03
747	496016.28, 3862593.93	0.88208	5.23903	4.48E-03	5.84E-03	4.76E-03	2.66E-02	3.47E-02	2.83E-02
748	496016.28, 3862693.93	0.71534	4.43077	3.63E-03	4.73E-03	3.86E-03	2.25E-02	2.93E-02	2.39E-02
749	496016.28, 3862793.93	0.59457	3.76201	3.02E-03	3.93E-03	3.21E-03	1.91E-02	2.49E-02	2.03E-02
750	496016.28, 3862893.93	0.50088	3.23002	2.54E-03	3.31E-03	2.70E-03	1.64E-02	2.14E-02	1.74E-02
751	496016.28, 3862993.93	0.43412	2.87443	2.20E-03	2.87E-03	2.34E-03	1.46E-02	1.90E-02	1.55E-02
752	496016.28, 3863093.93	0.25966	1.63095	1.32E-03	1.72E-03	1.40E-03	8.28E-03	1.08E-02	8.80E-03
753	496016.28, 3863193.93	0.21386	1.34481	1.09E-03	1.41E-03	1.15E-03	6.83E-03	8.90E-03	7.26E-03
754	496116.28, 3862593.93	0.92938	5.4098	4.72E-03	6.15E-03	5.02E-03	2.75E-02	3.58E-02	2.92E-02
755	496116.28, 3862693.93	0.74643	4.54349	3.79E-03	4.94E-03	4.03E-03	2.31E-02	3.01E-02	2.45E-02
756	496116.28, 3862793.93	0.61431	3.82251	3.12E-03	4.06E-03	3.32E-03	1.94E-02	2.53E-02	2.06E-02
757	496116.28, 3862893.93	0.51482	3.30419	2.61E-03	3.41E-03	2.78E-03	1.68E-02	2.19E-02	1.78E-02
758	496116.28, 3862993.93	0.44457	2.92306	2.26E-03	2.94E-03	2.40E-03	1.48E-02	1.93E-02	1.58E-02
759	496116.28, 3863093.93	0.30138	1.91599	1.53E-03	1.99E-03	1.63E-03	9.73E-03	1.27E-02	1.03E-02
760	496116.28, 3863193.93	0.31227	2.00254	1.59E-03	2.07E-03	1.69E-03	1.02E-02	1.32E-02	1.08E-02
761	496216.28, 3862693.93	0.77799	4.6455	3.95E-03	5.15E-03	4.20E-03	2.36E-02	3.07E-02	2.51E-02
762	496216.28, 3862793.93	0.63693	3.90594	3.23E-03	4.21E-03	3.44E-03	1.98E-02	2.58E-02	2.11E-02
763	496216.28, 3862893.93	0.52862	3.36622	2.68E-03	3.50E-03	2.85E-03	1.71E-02	2.23E-02	1.82E-02
764	496216.28, 3862993.93	0.44879	2.90731	2.28E-03	2.97E-03	2.42E-03	1.48E-02	1.92E-02	1.57E-02

765	496216.28, 3863093.93	0.38964	2.50298	1.98E-03	2.58E-03	2.10E-03	1.27E-02	1.66E-02	1.35E-02
766	496216.28, 3863193.93	0.33988	2.14677	1.73E-03	2.25E-03	1.83E-03	1.09E-02	1.42E-02	1.16E-02
767	496216.28, 3863293.93	0.29773	1.90107	1.51E-03	1.97E-03	1.61E-03	9.65E-03	1.26E-02	1.03E-02
768	496316.28, 3862693.93	0.8113	4.74414	4.12E-03	5.37E-03	4.38E-03	2.41E-02	3.14E-02	2.56E-02
769	496316.28, 3862793.93	0.65766	3.98289	3.34E-03	4.35E-03	3.55E-03	2.02E-02	2.64E-02	2.15E-02
770	496316.28, 3862893.93	0.54336	3.41485	2.76E-03	3.60E-03	2.93E-03	1.73E-02	2.26E-02	1.84E-02
771	496316.28, 3862993.93	0.45714	2.89459	2.32E-03	3.02E-03	2.47E-03	1.47E-02	1.92E-02	1.56E-02
772	496316.28, 3863093.93	0.39233	2.44827	1.99E-03	2.60E-03	2.12E-03	1.24E-02	1.62E-02	1.32E-02
773	496316.28, 3863193.93	0.34522	2.1571	1.75E-03	2.28E-03	1.86E-03	1.10E-02	1.43E-02	1.16E-02
774	496316.28, 3863293.93	0.30297	1.92281	1.54E-03	2.00E-03	1.64E-03	9.76E-03	1.27E-02	1.04E-02
775	496416.28, 3862693.93	0.84179	4.79674	4.27E-03	5.57E-03	4.54E-03	2.44E-02	3.17E-02	2.59E-02
776	496416.28, 3862793.93	0.68026	4.06145	3.45E-03	4.50E-03	3.67E-03	2.06E-02	2.69E-02	2.19E-02
777	496416.28, 3862893.93	0.55679	3.4259	2.83E-03	3.68E-03	3.01E-03	1.74E-02	2.27E-02	1.85E-02
778	496416.28, 3862993.93	0.46594	2.86117	2.37E-03	3.08E-03	2.52E-03	1.45E-02	1.89E-02	1.54E-02
779	496416.28, 3863093.93	0.39788	2.43804	2.02E-03	2.63E-03	2.15E-03	1.24E-02	1.61E-02	1.32E-02
780	496416.28, 3863193.93	0.34752	2.16174	1.76E-03	2.30E-03	1.88E-03	1.10E-02	1.43E-02	1.17E-02
781	496416.28, 3863293.93	0.30675	1.9208	1.56E-03	2.03E-03	1.66E-03	9.75E-03	1.27E-02	1.04E-02
782	496516.28, 3862693.93	0.87932	4.88691	4.46E-03	5.82E-03	4.75E-03	2.48E-02	3.23E-02	2.64E-02
783	496516.28, 3862793.93	0.69455	4.0621	3.53E-03	4.60E-03	3.75E-03	2.06E-02	2.69E-02	2.19E-02
784	496516.28, 3862893.93	0.56871	3.39042	2.89E-03	3.76E-03	3.07E-03	1.72E-02	2.24E-02	1.83E-02
785	496516.28, 3862993.93	0.47479	2.83251	2.41E-03	3.14E-03	2.56E-03	1.44E-02	1.87E-02	1.53E-02
786	496516.28, 3863093.93	0.40408	2.46261	2.05E-03	2.67E-03	2.18E-03	1.25E-02	1.63E-02	1.33E-02
787	496516.28, 3863193.93	0.3501	2.15658	1.78E-03	2.32E-03	1.89E-03	1.09E-02	1.43E-02	1.16E-02
788	496516.28, 3863293.93	0.30777	1.89698	1.56E-03	2.04E-03	1.66E-03	9.63E-03	1.26E-02	1.02E-02
789	496616.28, 3862693.93	0.91064	4.95402	4.62E-03	6.03E-03	4.92E-03	2.51E-02	3.28E-02	2.67E-02
790	496616.28, 3862793.93	0.71496	4.06908	3.63E-03	4.73E-03	3.86E-03	2.07E-02	2.69E-02	2.20E-02
791	496616.28, 3862893.93	0.57952	3.32952	2.94E-03	3.83E-03	3.13E-03	1.69E-02	2.20E-02	1.80E-02
792	496616.28, 3862993.93	0.4839	2.86655	2.46E-03	3.20E-03	2.61E-03	1.46E-02	1.90E-02	1.55E-02
793	496616.28, 3863093.93	0.41047	2.47465	2.08E-03	2.72E-03	2.22E-03	1.26E-02	1.64E-02	1.34E-02
794	496616.28, 3863193.93	0.35374	2.13866	1.80E-03	2.34E-03	1.91E-03	1.09E-02	1.41E-02	1.15E-02
795	496616.28, 3863293.93	0.30982	1.87058	1.57E-03	2.05E-03	1.67E-03	9.50E-03	1.24E-02	1.01E-02
796	496716.28, 3862793.93	0.73151	4.01519	3.71E-03	4.84E-03	3.95E-03	2.04E-02	2.66E-02	2.17E-02
797	496716.28, 3862893.93	0.59337	3.37419	3.01E-03	3.93E-03	3.20E-03	1.71E-02	2.23E-02	1.82E-02
798	496716.28, 3862993.93	0.4912	2.86982	2.49E-03	3.25E-03	2.65E-03	1.46E-02	1.90E-02	1.55E-02
799	496716.28, 3863093.93	0.41552	2.44965	2.11E-03	2.75E-03	2.24E-03	1.24E-02	1.62E-02	1.32E-02
800	496716.28, 3863193.93	0.35677	2.11952	1.81E-03	2.36E-03	1.93E-03	1.08E-02	1.40E-02	1.14E-02
801	496716.28, 3863293.93	0.31137	1.87133	1.58E-03	2.06E-03	1.68E-03	9.50E-03	1.24E-02	1.01E-02
802	496716.28, 3863393.93	0.27403	1.67617	1.39E-03	1.81E-03	1.48E-03	8.51E-03	1.11E-02	9.05E-03
803	496816.28, 3862793.93	0.75852	4.108	3.85E-03	5.02E-03	4.09E-03	2.09E-02	2.72E-02	2.22E-02
804	496816.28, 3862893.93	0.60241	3.38853	3.06E-03	3.99E-03	3.25E-03	1.72E-02	2.24E-02	1.83E-02
805	496816.28, 3862993.93	0.49663	2.84737	2.52E-03	3.29E-03	2.68E-03	1.45E-02	1.88E-02	1.54E-02
806	496816.28, 3863093.93	0.41924	2.46107	2.13E-03	2.77E-03	2.26E-03	1.25E-02	1.63E-02	1.33E-02
807	496816.28, 3863193.93	0.35852	2.12821	1.82E-03	2.37E-03	1.94E-03	1.08E-02	1.41E-02	1.15E-02
808	496816.28, 3863293.93	0.31183	1.87275	1.58E-03	2.06E-03	1.68E-03	9.51E-03	1.24E-02	1.01E-02
809	496816.28, 3863393.93	0.27409	1.6525	1.39E-03	1.81E-03	1.48E-03	8.39E-03	1.09E-02	8.92E-03
810	496916.28, 3862793.93	0.75198	4.05212	3.82E-03	4.98E-03	4.06E-03	2.06E-02	2.68E-02	2.19E-02
811	496916.28, 3862893.93	0.60865	3.40083	3.09E-03	4.03E-03	3.29E-03	1.73E-02	2.25E-02	1.84E-02
812	496916.28, 3862993.93	0.50089	2.88602	2.54E-03	3.31E-03	2.70E-03	1.47E-02	1.91E-02	1.56E-02
813	496916.28, 3863093.93	0.41975	2.44014	2.13E-03	2.78E-03	2.27E-03	1.24E-02	1.61E-02	1.32E-02
814	496916.28, 3863193.93	0.35854	2.11141	1.82E-03	2.37E-03	1.94E-03	1.07E-02	1.40E-02	1.14E-02
815	496916.28, 3863293.93	0.31147	1.84811	1.58E-03	2.06E-03	1.68E-03	9.38E-03	1.22E-02	9.98E-03
816	496916.28, 3863393.93	0.2748	1.66423	1.40E-03	1.82E-03	1.48E-03	8.45E-03	1.10E-02	8.98E-03
817	497016.28, 3862793.93	0.76085	4.14463	3.86E-03	5.03E-03	4.11E-03	2.10E-02	2.74E-02	2.24E-02
818	497016.28, 3862893.93	0.61137	3.47998	3.10E-03	4.04E-03	3.30E-03	1.77E-02	2.30E-02	1.88E-02
819	497016.28, 3862993.93	0.50048	2.89279	2.54E-03	3.31E-03	2.70E-03	1.47E-02	1.91E-02	1.56E-02
820	497016.28, 3863093.93	0.41907	2.45181	2.13E-03	2.77E-03	2.26E-03	1.24E-02	1.62E-02	1.32E-02
821	497016.28, 3863193.93	0.35821	2.09786	1.82E-03	2.37E-03	1.93E-03	1.06E-02	1.39E-02	1.13E-02
822	497016.28, 3863293.93	0.31058	1.8678	1.58E-03	2.05E-03	1.68E-03	9.48E-03	1.24E-02	1.01E-02
823	497016.28, 3863393.93	0.27488	1.69427	1.40E-03	1.82E-03	1.48E-03	8.60E-03	1.12E-02	9.15E-03
824	497116.28, 3862793.93	0.76834	4.30758	3.90E-03	5.08E-03	4.15E-03	2.19E-02	2.85E-02	2.33E-02
825	497116.28, 3862893.93	0.60512	3.49776	3.07E-03	4.00E-03	3.27E-03	1.78E-02	2.31E-02	1.89E-02
826	497116.28, 3862993.93	0.5003	2.92686	2.54E-03	3.31E-03	2.70E-03	1.49E-02	1.94E-02	1.58E-02
827	497116.28, 3863093.93	0.42065	2.46276	2.14E-03	2.78E-03	2.27E-03	1.25E-02	1.63E-02	1.33E-02
828	497116.28, 3863193.93	0.35765	2.12002	1.82E-03	2.37E-03	1.93E-03	1.08E-02	1.40E-02	1.14E-02

829	497116.28, 3863293.93	0.30986	1.87899	1.57E-03	2.05E-03	1.67E-03	9.54E-03	1.24E-02	1.01E-02
830	497116.28, 3863393.93	0.27318	1.69781	1.39E-03	1.81E-03	1.47E-03	8.62E-03	1.12E-02	9.17E-03
831	497216.28, 3862793.93	0.76159	4.44012	3.87E-03	5.04E-03	4.11E-03	2.25E-02	2.94E-02	2.40E-02
832	497216.28, 3862893.93	0.59946	3.5023	3.04E-03	3.97E-03	3.24E-03	1.78E-02	2.32E-02	1.89E-02
833	497216.28, 3862993.93	0.49328	2.86696	2.50E-03	3.26E-03	2.66E-03	1.46E-02	1.90E-02	1.55E-02
834	497216.28, 3863093.93	0.41799	2.4285	2.12E-03	2.77E-03	2.26E-03	1.23E-02	1.61E-02	1.31E-02
835	497216.28, 3863193.93	0.35651	2.10683	1.81E-03	2.36E-03	1.92E-03	1.07E-02	1.39E-02	1.14E-02
836	497216.28, 3863293.93	0.30883	1.88187	1.57E-03	2.04E-03	1.67E-03	9.55E-03	1.25E-02	1.02E-02
837	497216.28, 3863393.93	0.27152	1.69498	1.38E-03	1.80E-03	1.47E-03	8.60E-03	1.12E-02	9.15E-03
838	497316.28, 3862793.93	0.75518	4.45343	3.83E-03	5.00E-03	4.08E-03	2.26E-02	2.95E-02	2.40E-02
839	497316.28, 3862893.93	0.59741	3.56573	3.03E-03	3.95E-03	3.23E-03	1.81E-02	2.36E-02	1.92E-02
840	497316.28, 3862993.93	0.49131	2.9257	2.49E-03	3.25E-03	2.65E-03	1.49E-02	1.94E-02	1.58E-02
841	497316.28, 3863093.93	0.41395	2.44039	2.10E-03	2.74E-03	2.23E-03	1.24E-02	1.61E-02	1.32E-02
842	497316.28, 3863193.93	0.35414	2.10947	1.80E-03	2.34E-03	1.91E-03	1.07E-02	1.40E-02	1.14E-02
843	497316.28, 3863293.93	0.30767	1.89174	1.56E-03	2.04E-03	1.66E-03	9.60E-03	1.25E-02	1.02E-02
844	497316.28, 3863393.93	0.27074	1.70665	1.37E-03	1.79E-03	1.46E-03	8.66E-03	1.13E-02	9.21E-03
845	497416.28, 3862793.93	0.75231	4.63966	3.82E-03	4.98E-03	4.06E-03	2.36E-02	3.07E-02	2.50E-02
846	497416.28, 3862893.93	0.59329	3.71148	3.01E-03	3.93E-03	3.20E-03	1.88E-02	2.46E-02	2.00E-02
847	497416.28, 3862993.93	0.48978	3.06127	2.49E-03	3.24E-03	2.64E-03	1.55E-02	2.03E-02	1.65E-02
848	497416.28, 3863093.93	0.41268	2.54692	2.09E-03	2.73E-03	2.23E-03	1.29E-02	1.69E-02	1.37E-02
849	497416.28, 3863193.93	0.35325	2.15432	1.79E-03	2.34E-03	1.91E-03	1.09E-02	1.43E-02	1.16E-02
850	497416.28, 3863293.93	0.3072	1.91729	1.56E-03	2.03E-03	1.66E-03	9.73E-03	1.27E-02	1.04E-02
851	497416.28, 3863393.93	0.27003	1.72414	1.37E-03	1.79E-03	1.46E-03	8.75E-03	1.14E-02	9.31E-03
852	497516.28, 3862693.93	1.02357	6.09517	5.20E-03	6.77E-03	5.53E-03	3.09E-02	4.03E-02	3.29E-02
853	497516.28, 3862793.93	0.74837	4.75696	3.80E-03	4.95E-03	4.04E-03	2.41E-02	3.15E-02	2.57E-02
854	497516.28, 3862893.93	0.59124	3.83836	3.00E-03	3.91E-03	3.19E-03	1.95E-02	2.54E-02	2.07E-02
855	497516.28, 3862993.93	0.4921	3.20971	2.50E-03	3.26E-03	2.66E-03	1.63E-02	2.12E-02	1.73E-02
856	497516.28, 3863093.93	0.40982	2.64076	2.08E-03	2.71E-03	2.21E-03	1.34E-02	1.75E-02	1.43E-02
857	497516.28, 3863193.93	0.35298	2.23619	1.79E-03	2.34E-03	1.91E-03	1.14E-02	1.48E-02	1.21E-02
858	497516.28, 3863293.93	0.30636	1.94351	1.56E-03	2.03E-03	1.65E-03	9.87E-03	1.29E-02	1.05E-02
859	497516.28, 3863393.93	0.27004	1.72082	1.37E-03	1.79E-03	1.46E-03	8.74E-03	1.14E-02	9.29E-03
860	497616.28, 3862693.93	0.99676	6.15823	5.06E-03	6.59E-03	5.38E-03	3.13E-02	4.07E-02	3.32E-02
861	497616.28, 3862793.93	0.74092	4.79628	3.76E-03	4.90E-03	4.00E-03	2.43E-02	3.17E-02	2.59E-02
862	497616.28, 3862893.93	0.58773	3.89893	2.98E-03	3.89E-03	3.17E-03	1.98E-02	2.58E-02	2.10E-02
863	497616.28, 3862993.93	0.48935	3.25744	2.48E-03	3.24E-03	2.64E-03	1.65E-02	2.16E-02	1.76E-02
864	497616.28, 3863093.93	0.40835	2.68829	2.07E-03	2.70E-03	2.20E-03	1.36E-02	1.78E-02	1.45E-02
865	497616.28, 3863193.93	0.3529	2.30462	1.79E-03	2.33E-03	1.91E-03	1.17E-02	1.52E-02	1.24E-02
866	497616.28, 3863293.93	0.30547	1.9859	1.55E-03	2.02E-03	1.65E-03	1.01E-02	1.31E-02	1.07E-02
867	497616.28, 3863393.93	0.26977	1.76297	1.37E-03	1.78E-03	1.46E-03	8.95E-03	1.17E-02	9.52E-03
868	497716.28, 3862693.93	0.96784	6.10804	4.91E-03	6.40E-03	5.22E-03	3.10E-02	4.04E-02	3.30E-02
869	497716.28, 3862793.93	0.7266	4.87276	3.69E-03	4.81E-03	3.92E-03	2.47E-02	3.22E-02	2.63E-02
870	497716.28, 3862893.93	0.5811	3.97512	2.95E-03	3.84E-03	3.14E-03	2.02E-02	2.63E-02	2.15E-02
871	497716.28, 3862993.93	0.48645	3.32771	2.47E-03	3.22E-03	2.63E-03	1.69E-02	2.20E-02	1.80E-02
872	497716.28, 3863093.93	0.40764	2.7307	2.07E-03	2.70E-03	2.20E-03	1.39E-02	1.81E-02	1.47E-02
873	497716.28, 3863193.93	0.35215	2.32529	1.79E-03	2.33E-03	1.90E-03	1.18E-02	1.54E-02	1.26E-02
874	497716.28, 3863293.93	0.30592	2.01136	1.55E-03	2.02E-03	1.65E-03	1.02E-02	1.33E-02	1.09E-02
875	497716.28, 3863393.93	0.2692	1.7813	1.37E-03	1.78E-03	1.45E-03	9.04E-03	1.18E-02	9.62E-03
876	497816.28, 3862693.93	0.92368	5.93427	4.69E-03	6.11E-03	4.99E-03	3.01E-02	3.93E-02	3.20E-02
877	497816.28, 3862793.93	0.71108	4.89845	3.61E-03	4.70E-03	3.84E-03	2.49E-02	3.24E-02	2.64E-02
878	497816.28, 3862893.93	0.57235	4.06937	2.91E-03	3.79E-03	3.09E-03	2.07E-02	2.69E-02	2.20E-02
879	497816.28, 3862993.93	0.48131	3.42407	2.44E-03	3.18E-03	2.60E-03	1.74E-02	2.27E-02	1.85E-02
880	497816.28, 3863093.93	0.40566	2.81326	2.06E-03	2.68E-03	2.19E-03	1.43E-02	1.86E-02	1.52E-02
881	497816.28, 3863193.93	0.35031	2.35292	1.78E-03	2.32E-03	1.89E-03	1.19E-02	1.56E-02	1.27E-02
882	497816.28, 3863293.93	0.30591	2.04908	1.55E-03	2.02E-03	1.65E-03	1.04E-02	1.36E-02	1.11E-02
883	497816.28, 3863393.93	0.26899	1.79218	1.37E-03	1.78E-03	1.45E-03	9.10E-03	1.19E-02	9.68E-03
884	497916.28, 3862693.93	0.86995	5.57789	4.42E-03	5.76E-03	4.70E-03	2.83E-02	3.69E-02	3.01E-02
885	497916.28, 3862793.93	0.69308	4.72028	3.52E-03	4.59E-03	3.74E-03	2.40E-02	3.12E-02	2.55E-02
886	497916.28, 3862893.93	0.56731	4.19068	2.88E-03	3.75E-03	3.06E-03	2.13E-02	2.77E-02	2.26E-02
887	497916.28, 3862993.93	0.47534	3.52842	2.41E-03	3.14E-03	2.57E-03	1.79E-02	2.33E-02	1.90E-02
888	497916.28, 3863093.93	0.40386	2.92759	2.05E-03	2.67E-03	2.18E-03	1.49E-02	1.94E-02	1.58E-02
889	497916.28, 3863193.93	0.34765	2.42892	1.76E-03	2.30E-03	1.88E-03	1.23E-02	1.61E-02	1.31E-02
890	497916.28, 3863293.93	0.30442	2.09297	1.55E-03	2.01E-03	1.64E-03	1.06E-02	1.38E-02	1.13E-02
891	497916.28, 3863393.93	0.26866	1.83174	1.36E-03	1.78E-03	1.45E-03	9.30E-03	1.21E-02	9.89E-03
892	498016.28, 3862693.93	0.8408	5.33866	4.27E-03	5.56E-03	4.54E-03	2.71E-02	3.53E-02	2.88E-02

893	498016.28, 3862793.93	0.68785	4.79809	3.49E-03	4.55E-03	3.71E-03	2.44E-02	3.17E-02	2.59E-02
894	498016.28, 3862893.93	0.55996	4.20569	2.84E-03	3.70E-03	3.02E-03	2.14E-02	2.78E-02	2.27E-02
895	498016.28, 3862993.93	0.47054	3.63172	2.39E-03	3.11E-03	2.54E-03	1.84E-02	2.40E-02	1.96E-02
896	498016.28, 3863093.93	0.39996	3.03105	2.03E-03	2.65E-03	2.16E-03	1.54E-02	2.01E-02	1.64E-02
897	498016.28, 3863193.93	0.34543	2.52429	1.75E-03	2.29E-03	1.86E-03	1.28E-02	1.67E-02	1.36E-02
898	498016.28, 3863293.93	0.30165	2.13624	1.53E-03	2.00E-03	1.63E-03	1.08E-02	1.41E-02	1.15E-02
899	498016.28, 3863393.93	0.26777	1.8802	1.36E-03	1.77E-03	1.45E-03	9.54E-03	1.24E-02	1.02E-02
900	498116.28, 3862693.93	0.78807	4.88757	4.00E-03	5.21E-03	4.25E-03	2.48E-02	3.23E-02	2.64E-02
901	498116.28, 3862793.93	0.65832	4.65812	3.34E-03	4.36E-03	3.55E-03	2.36E-02	3.08E-02	2.51E-02
902	498116.28, 3862893.93	0.55025	4.06513	2.79E-03	3.64E-03	2.97E-03	2.06E-02	2.69E-02	2.19E-02
903	498116.28, 3862993.93	0.46159	3.6435	2.34E-03	3.05E-03	2.49E-03	1.85E-02	2.41E-02	1.97E-02
904	498116.28, 3863093.93	0.3937	3.0996	2.00E-03	2.60E-03	2.13E-03	1.57E-02	2.05E-02	1.67E-02
905	498116.28, 3863193.93	0.34189	2.61191	1.74E-03	2.26E-03	1.85E-03	1.33E-02	1.73E-02	1.41E-02
906	498116.28, 3863293.93	0.30061	2.20324	1.53E-03	1.99E-03	1.62E-03	1.12E-02	1.46E-02	1.19E-02
907	498116.28, 3863393.93	0.26576	1.91541	1.35E-03	1.76E-03	1.43E-03	9.72E-03	1.27E-02	1.03E-02
908	498216.28, 3862693.93	0.74497	4.81639	3.78E-03	4.93E-03	4.02E-03	2.45E-02	3.19E-02	2.60E-02
909	498216.28, 3862793.93	0.62832	4.36463	3.19E-03	4.16E-03	3.39E-03	2.22E-02	2.89E-02	2.36E-02
910	498216.28, 3862893.93	0.53338	3.86515	2.71E-03	3.53E-03	2.88E-03	1.96E-02	2.56E-02	2.09E-02
911	498216.28, 3862993.93	0.4568	3.63387	2.32E-03	3.02E-03	2.47E-03	1.84E-02	2.40E-02	1.96E-02
912	498216.28, 3863093.93	0.38951	3.15943	1.98E-03	2.58E-03	2.10E-03	1.60E-02	2.09E-02	1.71E-02
913	498216.28, 3863193.93	0.3389	2.70229	1.72E-03	2.24E-03	1.83E-03	1.37E-02	1.79E-02	1.46E-02
914	498216.28, 3863293.93	0.29873	2.28963	1.52E-03	1.98E-03	1.61E-03	1.16E-02	1.51E-02	1.24E-02
915	498216.28, 3863393.93	0.26464	1.9649	1.34E-03	1.75E-03	1.43E-03	9.97E-03	1.30E-02	1.06E-02
916	498316.28, 3862693.93	0.70504	4.73288	3.58E-03	4.66E-03	3.81E-03	2.40E-02	3.13E-02	2.56E-02
917	498316.28, 3862793.93	0.6011	4.07198	3.05E-03	3.98E-03	3.25E-03	2.07E-02	2.69E-02	2.20E-02
918	498316.28, 3862893.93	0.51717	3.85235	2.63E-03	3.42E-03	2.79E-03	1.96E-02	2.55E-02	2.08E-02
919	498316.28, 3862993.93	0.4451	3.46471	2.26E-03	2.94E-03	2.40E-03	1.76E-02	2.29E-02	1.87E-02
920	498316.28, 3863093.93	0.38488	3.1765	1.95E-03	2.55E-03	2.08E-03	1.61E-02	2.10E-02	1.71E-02
921	498316.28, 3863193.93	0.33495	2.76144	1.70E-03	2.22E-03	1.81E-03	1.40E-02	1.83E-02	1.49E-02
922	498316.28, 3863293.93	0.29504	2.35841	1.50E-03	1.95E-03	1.59E-03	1.20E-02	1.56E-02	1.27E-02
923	498316.28, 3863393.93	0.2624	2.00608	1.33E-03	1.74E-03	1.42E-03	1.02E-02	1.33E-02	1.08E-02
924	498416.28, 3862593.93	0.74373	4.5761	3.78E-03	4.92E-03	4.02E-03	2.32E-02	3.03E-02	2.47E-02
925	498416.28, 3862693.93	0.6685	4.56628	3.39E-03	4.42E-03	3.61E-03	2.32E-02	3.02E-02	2.47E-02
926	498416.28, 3862793.93	0.57712	3.79366	2.93E-03	3.82E-03	3.12E-03	1.93E-02	2.51E-02	2.05E-02
927	498416.28, 3862893.93	0.4993	3.73441	2.53E-03	3.30E-03	2.70E-03	1.90E-02	2.47E-02	2.02E-02
928	498416.28, 3862993.93	0.43376	3.27621	2.20E-03	2.87E-03	2.34E-03	1.66E-02	2.17E-02	1.77E-02
929	498416.28, 3863093.93	0.37858	3.11787	1.92E-03	2.50E-03	2.04E-03	1.58E-02	2.06E-02	1.68E-02
930	498416.28, 3863193.93	0.33197	2.80047	1.69E-03	2.20E-03	1.79E-03	1.42E-02	1.85E-02	1.51E-02
931	498416.28, 3863293.93	0.29293	2.43306	1.49E-03	1.94E-03	1.58E-03	1.24E-02	1.61E-02	1.31E-02
932	498416.28, 3863393.93	0.26066	2.07879	1.32E-03	1.72E-03	1.41E-03	1.06E-02	1.38E-02	1.12E-02
933	498516.28, 3862593.93	0.69523	4.27811	3.53E-03	4.60E-03	3.75E-03	2.17E-02	2.83E-02	2.31E-02
934	498516.28, 3862693.93	0.63266	4.37597	3.21E-03	4.19E-03	3.42E-03	2.22E-02	2.90E-02	2.36E-02
935	498516.28, 3862793.93	0.55005	3.64158	2.79E-03	3.64E-03	2.97E-03	1.85E-02	2.41E-02	1.97E-02
936	498516.28, 3862893.93	0.48097	3.51788	2.44E-03	3.18E-03	2.60E-03	1.79E-02	2.33E-02	1.90E-02
937	498516.28, 3862993.93	0.42154	3.22468	2.14E-03	2.79E-03	2.28E-03	1.64E-02	2.13E-02	1.74E-02
938	498516.28, 3863093.93	0.37105	3.01471	1.88E-03	2.45E-03	2.00E-03	1.53E-02	1.99E-02	1.63E-02
939	498516.28, 3863193.93	0.32936	2.81626	1.67E-03	2.18E-03	1.78E-03	1.43E-02	1.86E-02	1.52E-02
940	498516.28, 3863293.93	0.28953	2.4695	1.47E-03	1.92E-03	1.56E-03	1.25E-02	1.63E-02	1.33E-02
941	498516.28, 3863393.93	0.25858	2.14601	1.31E-03	1.71E-03	1.40E-03	1.09E-02	1.42E-02	1.16E-02
942	498616.28, 3862593.93	0.6524	4.02678	3.31E-03	4.32E-03	3.52E-03	2.04E-02	2.66E-02	2.17E-02
943	498616.28, 3862693.93	0.60068	4.16054	3.05E-03	3.97E-03	3.24E-03	2.11E-02	2.75E-02	2.25E-02
944	498616.28, 3862793.93	0.53193	3.62662	2.70E-03	3.52E-03	2.87E-03	1.84E-02	2.40E-02	1.96E-02
945	498616.28, 3862893.93	0.46472	3.32083	2.36E-03	3.07E-03	2.51E-03	1.69E-02	2.20E-02	1.79E-02
946	498616.28, 3862993.93	0.41055	3.20206	2.08E-03	2.72E-03	2.22E-03	1.63E-02	2.12E-02	1.73E-02
947	498616.28, 3863093.93	0.36331	2.88059	1.84E-03	2.40E-03	1.96E-03	1.46E-02	1.91E-02	1.56E-02
948	498616.28, 3863193.93	0.32285	2.73991	1.64E-03	2.14E-03	1.74E-03	1.39E-02	1.81E-02	1.48E-02
949	498616.28, 3863293.93	0.2875	2.49764	1.46E-03	1.90E-03	1.55E-03	1.27E-02	1.65E-02	1.35E-02
950	498616.28, 3863393.93	0.2562	2.19381	1.30E-03	1.70E-03	1.38E-03	1.11E-02	1.45E-02	1.18E-02

APPENDIX A4

Health Risk Assessment Data

Appendix A4.1: Construction

Construction Rates - Health Risk

		PM_{10} exhaust	PM_{10} exhau
1	SLINE1	16.86	8.20
2	SLINE2	1.48	1.48
Group: Rail Idling			
3	STCK1	2.08E-05	2.08E-05
4	STCK2	2.08E-05	2.08E-05
5	STCK3	2.08E-05	2.08E-05
6	STCK4	2.08E-05	2.08E-05
		8.34E-05	8.34E-05
Group: Off-Site			
7	SLINE3	0.018720259	0.01
8	SLINE4	0.017120391	0.01
9	SLINE5	0.032200008	0.02
10	SLINE6	0.011600273	0.01
		7.96E-02	0.04
11	PAREA1	0.71	0.35
12	SLINE7	0.21	0.10
		5.45	5.45
		5.67	5.67

		PM_{10} exhaust	PM_{10} exhau
1	SLINE1	1.36E+00	6.63E-01
2	SLINE2	1.97E-01	1.97E-01
Group: Rail Idling			
3	STCK1	1.68E-06	1.68E-06
4	STCK2	1.68E-06	1.68E-06
5	STCK3	1.68E-06	1.68E-06
6	STCK4	1.68E-06	1.68E-06
		6.73E-06	6.73E-06
Group: Off-Site			
7	SLINE3	1.51E-03	7.36E-04
8	SLINE4	1.38E-03	6.73E-04
9	SLINE5	2.60E-03	1.27E-03
10	SLINE6	9.37E-04	4.56E-04
		6.43E-03	3.13E-03
11	PAREA1	2.04E-02	9.93E-03
12	SLINE7	6.12E-03	2.98E-03
		0.156651218	0.156651
		0.163228645	0.163229

Residential Risk

Rates (g/s): 1.36E+00 1.97E-01 6.73E-06 6.43E-03 2.04E-02 6.12E-03 6.63E-01 1.97E-01 6.73E-06 3.13E-03 9.93E-03 2.98E-03

		Period Concentration [ug/m^3] at 1 g/s								Unmitigated Concentration [ug/m^3]							Mitigated Concentration [ug/m^3]						
	X, Y	Equipme	Rail Hau	Rail Idlin	Off-Site	Solar	33kV	S Main	Ex Main	Equipment	Rail Hauling	Rail Idling	Off-Site	Solar	33kV	Total	Equipment	Rail Hauling	Rail Idling	Off-Site	Solar	33kV	Total
1	485973.61, 3854936.51	0.0355	0.008	0.0158	0.0322	0.0064	0.0226	0.0187	0.008	4.83E-02	1.58E-03	1.06E-07	2.07E-04	1.31E-04	1.38E-04	5.03E-02	2.35E-02	1.58E-03	1.06E-07	1.01E-04	6.37E-05	6.73E-05	2.53E-02
2	486023.61, 3854936.51	0.0347	0.0079	0.0154	0.0307	0.0064	0.0218	0.018	0.0079	4.72E-02	1.55E-03	1.04E-07	1.98E-04	1.30E-04	1.33E-04	4.92E-02	2.30E-02	1.55E-03	1.04E-07	9.62E-05	6.33E-05	6.48E-05	2.48E-02
3	486073.61, 3854936.51	0.0338	0.0078	0.0152	0.0296	0.0064	0.0211	0.0173	0.0078	4.60E-02	1.53E-03	1.02E-07	1.90E-04	1.30E-04	1.29E-04	4.80E-02	2.24E-02	1.53E-03	1.02E-07	9.26E-05	6.32E-05	6.28E-05	2.42E-02
4	486123.61, 3854936.51	0.033	0.0076	0.0148	0.0281	0.0063	0.0202	0.0166	0.0076	4.49E-02	1.50E-03	9.96E-08	1.81E-04	1.29E-04	1.24E-04	4.68E-02	2.19E-02	1.50E-03	9.96E-08	8.81E-05	6.27E-05	6.02E-05	2.36E-02
5	486173.61, 3854936.51	0.0324	0.0075	0.0147	0.0273	0.0064	0.0198	0.0162	0.0075	4.41E-02	1.49E-03	9.87E-08	1.76E-04	1.30E-04	1.21E-04	4.60E-02	2.15E-02	1.49E-03	9.87E-08	8.55E-05	6.32E-05	5.89E-05	2.32E-02
6	486223.61, 3854936.51	0.0317	0.0074	0.0144	0.0263	0.0064	0.0191	0.0156	0.0074	4.32E-02	1.46E-03	9.70E-08	1.69E-04	1.30E-04	1.17E-04	4.51E-02	2.10E-02	1.46E-03	9.70E-08	8.22E-05	6.31E-05	5.70E-05	2.27E-02
7	486273.61, 3854936.51	0.0311	0.0073	0.0142	0.0253	0.0064	0.0186	0.0151	0.0073	4.24E-02	1.44E-03	9.58E-08	1.63E-04	1.30E-04	1.14E-04	4.42E-02	2.06E-02	1.44E-03	9.58E-08	7.93E-05	6.33E-05	5.54E-05	2.23E-02
8	486323.61, 3854936.51	0.0305	0.0072	0.0141	0.0245	0.0064	0.0181	0.0147	0.0072	4.16E-02	1.42E-03	9.47E-08	1.58E-04	1.31E-04	1.11E-04	4.34E-02	2.02E-02	1.42E-03	9.47E-08	7.68E-05	6.36E-05	5.40E-05	2.19E-02
9	485973.61, 3854986.51	0.0371	0.0082	0.0158	0.0339	0.0068	0.0236	0.0195	0.0082	5.05E-02	1.62E-03	1.06E-07	2.18E-04	1.38E-04	1.44E-04	5.26E-02	2.46E-02	1.62E-03	1.06E-07	1.06E-04	6.70E-05	7.03E-05	2.64E-02
10	486023.61, 3854986.51	0.0363	0.0081	0.0155	0.0325	0.0067	0.0228	0.0187	0.0081	4.94E-02	1.60E-03	1.04E-07	2.09E-04	1.37E-04	1.39E-04	5.14E-02	2.40E-02	1.60E-03	1.04E-07	1.02E-04	6.65E-05	6.79E-05	2.59E-02
11	486073.61, 3854986.51	0.0354	0.008	0.0152	0.031	0.0067	0.022	0.018	0.008	4.82E-02	1.57E-03	1.02E-07	2.00E-04	1.36E-04	1.34E-04	5.03E-02	2.35E-02	1.57E-03	1.02E-07	9.72E-05	6.61E-05	6.54E-05	2.53E-02
12	486123.61, 3854986.51	0.0347	0.0078	0.0149	0.0297	0.0067	0.0212	0.0173	0.0078	4.72E-02	1.54E-03	1.01E-07	1.91E-04	1.36E-04	1.30E-04	4.92E-02	2.30E-02	1.54E-03	1.01E-07	9.30E-05	6.60E-05	6.31E-05	2.48E-02
13	486173.61, 3854986.51	0.0338	0.0077	0.0148	0.0287	0.0067	0.0206	0.0168	0.0077	4.61E-02	1.52E-03	9.95E-08	1.84E-04	1.36E-04	1.26E-04	4.80E-02	2.24E-02	1.52E-03	9.95E-08	8.98E-05	6.62E-05	6.13E-05	2.42E-02
14	486223.61, 3854986.51	0.0331	0.0076	0.0146	0.0275	0.0067	0.0199	0.0162	0.0076	4.51E-02	1.50E-03	9.80E-08	1.77E-04	1.36E-04	1.22E-04	4.70E-02	2.19E-02	1.50E-03	9.80E-08	8.61E-05	6.61E-05	5.92E-05	2.36E-02
15	486273.61, 3854986.51	0.0324	0.0075	0.0143	0.0264	0.0067	0.0192	0.0155	0.0075	4.41E-02	1.47E-03	9.66E-08	1.70E-04	1.36E-04	1.18E-04	4.60E-02	2.15E-02	1.47E-03	9.66E-08	8.25E-05	6.60E-05	5.72E-05	2.31E-02
16	486323.61, 3854986.51	0.0319	0.0074	0.0143	0.0257	0.0067	0.0189	0.0152	0.0074	4.34E-02	1.46E-03	9.62E-08	1.66E-04	1.37E-04	1.15E-04	4.52E-02	2.11E-02	1.46E-03	9.62E-08	8.06E-05	6.67E-05	5.62E-05	2.28E-02
17	485973.61, 3855036.51	0.0388	0.0084	0.0159	0.0359	0.0071	0.0247	0.0203	0.0084	5.28E-02	1.66E-03	1.07E-07	2.31E-04	1.45E-04	1.51E-04	5.50E-02	2.57E-02	1.66E-03	1.07E-07	1.12E-04	7.05E-05	7.37E-05	2.76E-02
18	486023.61, 3855036.51	0.0379	0.0083	0.0156	0.0342	0.007	0.0238	0.0195	0.0083	5.15E-02	1.64E-03	1.05E-07	2.20E-04	1.44E-04	1.46E-04	5.37E-02	2.51E-02	1.64E-03	1.05E-07	1.07E-04	6.99E-05	7.09E-05	2.70E-02
19	486073.61, 3855036.51	0.037	0.0081	0.0153	0.0326	0.007	0.0228	0.0186	0.0081	5.03E-02	1.60E-03	1.03E-07	2.10E-04	1.42E-04	1.40E-04	5.24E-02	2.45E-02	1.60E-03	1.03E-07	1.02E-04	6.93E-05	6.80E-05	2.63E-02
20	486123.61, 3855036.51	0.0362	0.008	0.0151	0.0312	0.007	0.022	0.0179	0.008	4.92E-02	1.57E-03	1.02E-07	2.00E-04	1.42E-04	1.35E-04	5.13E-02	2.40E-02	1.57E-03	1.02E-07	9.76E-05	6.91E-05	6.56E-05	2.58E-02
21	486173.61, 3855036.51	0.0354	0.0079	0.015	0.0301	0.007	0.0214	0.0174	0.0079	4.82E-02	1.56E-03	1.01E-07	1.93E-04	1.43E-04	1.31E-04	5.02E-02	2.35E-02	1.56E-03	1.01E-07	9.41E-05	6.94E-05	6.37E-05	2.52E-02
22	486223.61, 3855036.51	0.0345	0.0078	0.0147	0.0287	0.007	0.0206	0.0167	0.0078	4.69E-02	1.53E-03	9.92E-08	1.85E-04	1.42E-04	1.26E-04	4.89E-02	2.28E-02	1.53E-03	9.92E-08	8.99E-05	6.91E-05	6.14E-05	2.46E-02
23	486273.61, 3855036.51	0.0338	0.0077	0.0146	0.0278	0.007	0.0201	0.0162	0.0077	4.60E-02	1.51E-03	9.85E-08	1.79E-04	1.43E-04	1.23E-04	4.80E-02	2.24E-02	1.51E-03	9.85E-08	8.71E-05	6.96E-05	5.99E-05	2.41E-02
24	486323.61, 3855036.51	0.0331	0.0076	0.0145	0.0268	0.007	0.0195	0.0157	0.0076	4.51E-02	1.49E-03	9.73E-08	1.72E-04	1.43E-04	1.19E-04	4.70E-02	2.19E-02	1.49E-03	9.73E-08	8.38E-05	6.96E-05	5.80E-05	2.36E-02
25	485973.61, 3855086.51	0.0405	0.0087	0.016	0.0379	0.0075	0.0259	0.0211	0.0087	5.51E-02	1.70E-03	1.08E-07	2.44E-04	1.52E-04	1.58E-04	5.73E-02	2.68E-02	1.70E-03	1.08E-07	1.19E-04	7.42E-05	7.70E-05	2.88E-02
26	486023.61, 3855086.51	0.0395	0.0085	0.0158	0.0362	0.0074	0.0249	0.0203	0.0085	5.38E-02	1.68E-03	1.06E-07	2.33E-04	1.51E-04	1.52E-04	5.60E-02	2.62E-02	1.68E-03	1.06E-07	1.13E-04	7.36E-05	7.42E-05	2.81E-02
27	486073.61, 3855086.51	0.0386	0.0083	0.0155	0.0344	0.0073	0.0239	0.0194	0.0083	5.25E-02	1.64E-03	1.05E-07	2.21E-04	1.50E-04	1.46E-04	5.47E-02	2.56E-02	1.64E-03	1.05E-07	1.08E-04	7.29E-05	7.11E-05	2.75E-02
28	486123.61, 3855086.51	0.0377	0.0082	0.0154	0.033	0.0073	0.0231	0.0187	0.0082	5.13E-02	1.62E-03	1.04E-07	2.12E-04	1.49E-04	1.41E-04	5.34E-02	2.50E-02	1.62E-03	1.04E-07	1.03E-04	7.28E-05	6.87E-05	2.68E-02
29	486173.61, 3855086.51	0.0368	0.0081	0.0152	0.0315	0.0073	0.0222	0.0179	0.0081	5.02E-02	1.59E-03	1.02E-07	2.02E-04	1.49E-04	1.36E-04	5.22E-02	2.44E-02	1.59E-03	1.02E-07	9.85E-05	7.25E-05	6.61E-05	2.62E-02
30	486223.61, 3855086.51	0.0361	0.008	0.015	0.0302	0.0073	0.0215	0.0173	0.008	4.91E-02	1.57E-03	1.01E-07	1.94E-04	1.49E-04	1.31E-04	5.11E-02	2.39E-02	1.57E-03	1.01E-07	9.46E-05	7.27E-05	6.40E-05	2.57E-02
31	485973.61, 3855136.51	0.0421	0.0089	0.0163	0.0403	0.0079	0.0272	0.0221	0.0089	5.73E-02	1.76E-03	1.10E-07	2.59E-04	1.61E-04	1.66E-04	5.96E-02	2.79E-02	1.76E-03	1.10E-07	1.26E-04	7.82E-05	8.09E-05	2.99E-02
32	486023.61, 3855136.51	0.0411	0.0087	0.0161	0.0383	0.0078	0.0261	0.0211	0.0087	5.60E-02	1.72E-03	1.08E-07	2.46E-04	1.59E-04	1.59E-04	5.83E-02	2.73E-02	1.72E-03	1.08E-07	1.20E-04	7.75E-05	7.76E-05	2.93E-02
33	486073.61, 3855136.51	0.0402	0.0086	0.0159	0.0364	0.0077	0.025	0.0202	0.0086	5.48E-02	1.69E-03	1.07E-07	2.34E-04	1.58E-04	1.53E-04	5.70E-02	2.67E-02	1.69E-03	1.07E-07	1.14E-04	7.68E-05	7.45E-05	2.86E-02
34	486123.61, 3855136.51	0.0393	0.0084	0.0157	0.0348	0.0077	0.0241	0.0194	0.0084	5.35E-02	1.66E-03	1.06E-07	2.24E-04	1.57E-04	1.47E-04	5.57E-02	2.60E-02	1.66E-03	1.06E-07	1.09E-04	7.64E-05	7.17E-05	2.80E-02
35	486173.61, 3855136.51	0.0384	0.0083	0.0155	0.0332	0.0077	0.0232	0.0186	0.0083	5.22E-02	1.63E-03	1.04E-07	2.13E-04	1.57E-04	1.42E-04	5.44E-02	2.54E-02	1.63E-03	1.04E-07	1.04E-04	7.62E-05	6.90E-05	2.73E-02
36	486223.61, 3855136.51	0.0375	0.0081	0.0153	0.0318	0.0077	0.0224	0.0179	0.0081	5.11E-02	1.60E-03	1.03E-07	2.04E-04	1.57E-04	1.37E-04	5.32E-02	2.49E-02	1.60E-03	1.03E-07	9.94E-05	7.62E-05	6.66E-05	2.67E-02
37	485973.61, 3855186.51	0.0437	0.0092	0.0168	0.043	0.0083	0.0286	0.0231	0.0092	5.95E-02	1.81E-03	1.13E-07	2.76E-04	1.69E-04	1.75E-04	6.19E-02	2.90E-02	1.81E-03	1.13E-07	1.35E-04	8.25E-05	8.50E-05	3.11E-02
38	486023.61, 3855186.51	0.0427	0.009	0.0166	0.0407	0.0083	0.0274	0.0221	0.009	5.81E-02	1.77E-03	1.12E-07	2.62E-04	1.68E-04	1.67E-04	6.05E-02	2.83E-02	1.77E-03	1.12E-07	1.28E-04	8.19E-05	8.15E-05	3.04E-02
39	486073.61, 3855186.51	0.0418	0.0088	0.0163	0.0385	0.0082	0.0262	0.0211	0.0088	5.69E-02	1.73E-03	1.10E-07	2.48E-04	1.66E-04	1.60E-04	5.92E-02	2.77E-02	1.73E-03	1.10E-07	1.21E-04	8.10E-05	7.79E-05	2.97E-02
40	486123.61, 3855186.51	0.0409	0.0086	0.0161	0.0366	0.0081	0.025	0.0201	0.0086	5.56E-02	1.70E-03	1.08E-07	2.35E-04	1.65E-04	1.53E-04	5.79E-02	2.71E-02	1.70E-03	1.08E-07	1.14E-04	8.02E-05	7.45E-05	2.90E-02
41	486173.61, 3855186.51	0.0399	0.0085	0.0159	0.0349	0.0081	0.0241	0.0193	0.0085	5.44E-02	1.67E-03	1.07E-07	2.24E-04	1.64E-04	1.47E-04	5.66E-02	2.65E-02	1.67E-03	1.07E-07	1.09E-04	8.00E-05	7.18E-05	2.84E-02
42	486223.61, 3855186.51	0.039	0.0083	0.0156	0.0333	0.0081	0.0232	0.0186	0.0083	5.31E-02	1.64E-03	1.05E-07	2.14E-04	1.64E-04	1.42E-04	5.53E-02	2.58E-02	1.64E-03	1.05E-07	1.04E-04	7.99E-05	6.92E-05	2.77E-02
43	486273.61, 3855186.51	0.0381	0.0082	0.0154	0.0319	0.0081	0.0224	0.0179	0.0082	5.19E-02	1.61E-03	1.04E-07	2.05E-04	1.64E-04	1.37E-04	5.40E-02	2.53E-02	1.61E-03	1.04E-07	9.97E-05	8.00E-05	6.67E-05	2.71E-02
44	486323.61, 3855186.51	0.0374	0.0081	0.0153	0.031	0.0082	0.022	0.0175	0.0081	5.09E-02	1.60E-03	1.03E-07	1.99E-04	1.67E-04	1.34E-04	5.30E-02	2.48E-02	1.60E-03	1.03E-07	9.71E-05	8.12E-05	6.54E-05	2.66E-02
45	485973.61, 3855236.51	0.0454	0.0094	0.0173	0.0458	0.0088	0.03	0.0242	0.0094	6.18E-02	1.86E-03	1.17E-07	2.95E-04	1.78E-04	1.84E-04	6.43E-02	3.01E-02	1.86E-03	1.17E-07	1.43E-04	8.69E-05	8.94E-05	3.23E-02
46	486023.61, 3855236.51	0.0444	0.0092	0.0171	0.0431	0.0087	0.0286	0.023	0.0092	6.04E-02	1.82E-03	1.15E-07	2.77E-04	1.77E-04	1.75E-04	6.28E-02	2.94E-02	1.82E-03	1.15E-07	1.35E-04	8.62E-05	8.51E-05	3.15E-02
47	486073.61, 3855236.51	0.0434	0.009	0.0168	0.0407	0.0086	0.0273	0.0219	0.009	5.91E-02	1.77E-03	1.13E-07	2.62E-04	1.75E-04	1.67E-04	6.14E-02	2.87E-02	1.77E-03	1.13E-07	1.27E-04	8.52E-05	8.12E-05	3.08E-02
48	486123.61, 3855236.51	0.0424	0.0088	0.0165	0.0386	0.0085	0.0262	0.0209	0.0088	5.77E-02	1.74E-03	1.11E-07	2.48E-04	1.74E-04	1.60E-04	6.00E-02	2.81E-02	1.74E-03	1.11E-07	1.21E-04	8.46E-05	7.79E-05	3.01E-02
49	486173.61, 3855236.51	0.0415	0.0087	0.0163	0.0368	0.0085	0.0251	0.0201	0.0087	5.64E-02	1.71E-03	1.10E-07	2.36E-04	1.73E-04	1.54E-04	5.87E-02	2.75E-02	1.71E-03	1.10E-07	1.15E-04	8.42E-05	7.48E-05	2.95E-02
50	486223.61, 3855236.51	0.0406	0.0085	0.016	0.035	0.0085	0.0242	0.0192	0.0085	5.52E-02	1.68E-03	1.08E-07	2.25E-04	1.73E-04	1.48E-04	5.74E-02	2.69E-02	1.68E-03	1.08E-07	1.10E-04	8.40E-05	7.20E-05	2.88E-02
51	486273.61, 3855236.51	0.0396	0.0083	0.0158	0.0332	0.0084	0.0231	0.0183	0.0083	5.38E-02	1.64E-03	1.06E-07	2.13E-04	1.72E-04	1.41E-04	5.60E-02	2.62E-02	1.64E-03	1.06E-07	1.04E-04	8.35E-05	6.88E-05	2.81E-02
52	486323.61, 3855236.51	0.0388	0.0083	0.0158	0.0325	0.0086	0.0228	0.018	0.0083	5.28E-02	1.64E-03	1.06E-07	2.09E-04	1.75E-04	1.40E-04	5.50E-02	2.57E-02	1.64E-03	1.06E-07	1.02E-04	8.53E-05	6.79E-05	2.76E-02
53	485973.61, 3855286.51	0.0471	0.0097	0.0181	0.049	0.0092	0.0316	0.0254	0.0097	6.41E-02	1.91E-03	1.22E-07	3.15E-04	1.87E-04	1.93E-04	6.67E-02	3.12E-02	1.91E-03	1.22E-07	1.53E-04	9.11E-05	9.41E-05	3.35E-02
54	486023.61, 3855286.51	0.0461	0.0095	0.0177	0.0459	0.0091	0.03	0.024	0.0095	6.27E-02	1.86E-03	1.19E-07	2.95E-04	1.86E-04	1.83E-04	6.52E-02	3.05E-02	1.86E-03	1.19E-07	1.44E-04	9.06E-05	8.93E-05	3.27E-02
55	486073.61, 3855286.51	0.045	0.0093	0.0174	0.0432	0.0091	0.0286	0.0228	0.0093	6.13E-02	1.82E-03	1.17E-07	2.78E-04	1.85E-04	1.75E-04	6.37E-02	2.98E-02	1.82E-03	1.17E-07	1.35E-04	8.99E-05	8.51E-05	3.19E-02
56	486123.61, 3855286.51	0.044	0.009	0.0171	0.0408	0.009	0.0273	0.0217	0.009	5.99E-02	1.78E-03	1.15E-07	2.62E-04	1.83E-04	1.67E-04	6.23E-02	2.92E-02	1.78E-03	1.15E-07	1.28E-04	8.91E-05	8.12E-05	3.12E-02
57	486173.61, 3855286.51	0.043	0.0089	0.0168	0.0386	0.0089	0.0261	0.0207	0.0089	5.86E-02	1.75E-03	1.13E-07	2.49E-04	1.82E-04	1.60E-04	6.09E-02	2.85E-02	1.75E-03	1.13E-07	1.21E-04	8.85E-05	7.78E-05	3.05E-02
58	486223.61, 3855286.51	0.042	0.0087	0.0166	0.0368	0.0089	0.0252	0.0199	0.0087	5.72E-02	1.72E-03	1.12E-07	2.37E-04	1.82E-04	1.54E-04	5.95E-02	2.79E-02	1.72E-03	1.12E-07	1.15E-04	8.84E-05	7.49E-05	2.99E-02

59	486123.61, 3855336.51	0.0456	0.0093	0.0179	0.0432	0.0095	0.0285	0.0226	0.0093	6.21E-02	1.82E-03	1.20E-07	2.78E-04	1.93E-04	1.74E-04	6.46E-02	3.02E-02	1.82E-03	1.20E-07	1.35E-04	9.40E-05	8.49E-05	3.24E-02
60	486173.61, 3855336.51	0.0446	0.0091	0.0177	0.0409	0.0094	0.0273	0.0216	0.0091	6.07E-02	1.79E-03	1.19E-07	2.63E-04	1.92E-04	1.67E-04	6.31E-02	2.95E-02	1.79E-03	1.19E-07	1.28E-04	9.35E-05	8.13E-05	3.16E-02
61	486223.61, 3855336.51	0.0436	0.0089	0.0175	0.0388	0.0094	0.0262	0.0207	0.0089	5.93E-02	1.76E-03	1.18E-07	2.50E-04	1.91E-04	1.60E-04	6.17E-02	2.89E-02	1.76E-03	1.18E-07	1.22E-04	9.30E-05	7.80E-05	3.09E-02
62	486123.61, 3855386.51	0.0473	0.0095	0.019	0.046	0.01	0.0299	0.0236	0.0095	6.44E-02	1.87E-03	1.28E-07	2.96E-04	2.04E-04	1.83E-04	6.70E-02	3.14E-02	1.87E-03	1.28E-07	1.44E-04	9.93E-05	8.90E-05	3.36E-02
63	486173.61, 3855386.51	0.0462	0.0093	0.0188	0.0434	0.01	0.0286	0.0225	0.0093	6.29E-02	1.84E-03	1.27E-07	2.79E-04	2.03E-04	1.75E-04	6.54E-02	3.06E-02	1.84E-03	1.27E-07	1.36E-04	9.88E-05	8.51E-05	3.28E-02
64	486223.61, 3855386.51	0.0451	0.0092	0.0186	0.0411	0.0099	0.0274	0.0215	0.0092	6.14E-02	1.80E-03	1.26E-07	2.65E-04	2.02E-04	1.68E-04	6.38E-02	2.99E-02	1.80E-03	1.26E-07	1.29E-04	9.84E-05	8.16E-05	3.20E-02
65	486533.18, 3855443.15	0.0408	0.0085	0.0187	0.0331	0.0108	0.0231	0.0178	0.0085	5.56E-02	1.68E-03	1.26E-07	2.13E-04	2.21E-04	1.41E-04	5.78E-02	2.70E-02	1.68E-03	1.26E-07	1.04E-04	1.08E-04	6.89E-05	2.90E-02
66	486583.18, 3855443.15	0.04	0.0084	0.0184	0.0318	0.0109	0.0224	0.0172	0.0084	5.44E-02	1.65E-03	1.24E-07	2.04E-04	2.22E-04	1.37E-04	5.67E-02	2.65E-02	1.65E-03	1.24E-07	9.94E-05	1.08E-04	6.67E-05	2.84E-02
67	486633.18, 3855443.15	0.0392	0.0083	0.018	0.0305	0.0109	0.0217	0.0166	0.0083	5.33E-02	1.63E-03	1.21E-07	1.96E-04	2.23E-04	1.33E-04	5.55E-02	2.60E-02	1.63E-03	1.21E-07	9.56E-05	1.08E-04	6.47E-05	2.79E-02
68	486683.18, 3855443.15	0.0384	0.0082	0.0178	0.0295	0.011	0.0212	0.0162	0.0082	5.22E-02	1.61E-03	1.20E-07	1.90E-04	2.25E-04	1.29E-04	5.44E-02	2.54E-02	1.61E-03	1.20E-07	9.24E-05	1.09E-04	6.30E-05	2.73E-02
69	486533.18, 3855493.15	0.0421	0.0087	0.0197	0.0346	0.0115	0.024	0.0184	0.0087	5.73E-02	1.72E-03	1.33E-07	2.23E-04	2.34E-04	1.47E-04	5.97E-02	2.79E-02	1.72E-03	1.33E-07	1.08E-04	1.14E-04	7.14E-05	2.99E-02
70	486583.18, 3855493.15	0.0413	0.0086	0.0193	0.0332	0.0115	0.0232	0.0177	0.0086	5.62E-02	1.69E-03	1.30E-07	2.14E-04	2.35E-04	1.42E-04	5.84E-02	2.73E-02	1.69E-03	1.30E-07	1.04E-04	1.14E-04	6.92E-05	2.93E-02
71	486633.18, 3855493.15	0.0404	0.0085	0.019	0.0319	0.0116	0.0225	0.0171	0.0085	5.50E-02	1.67E-03	1.28E-07	2.05E-04	2.36E-04	1.38E-04	5.73E-02	2.68E-02	1.67E-03	1.28E-07	1.00E-04	1.15E-04	6.70E-05	2.87E-02
72	486683.18, 3855493.15	0.0396	0.0083	0.0186	0.0307	0.0116	0.0218	0.0166	0.0083	5.39E-02	1.64E-03	1.25E-07	1.98E-04	2.37E-04	1.34E-04	5.61E-02	2.62E-02	1.64E-03	1.25E-07	9.62E-05	1.16E-04	6.50E-05	2.82E-02
73	486533.18, 3855543.15	0.0434	0.0089	0.0208	0.0364	0.0121	0.0249	0.019	0.0089	5.91E-02	1.76E-03	1.40E-07	2.34E-04	2.48E-04	1.53E-04	6.15E-02	2.88E-02	1.76E-03	1.40E-07	1.14E-04	1.21E-04	7.43E-05	3.09E-02
74	486583.18, 3855543.15	0.0426	0.0088	0.0203	0.0347	0.0122	0.024	0.0183	0.0088	5.79E-02	1.73E-03	1.37E-07	2.23E-04	2.48E-04	1.47E-04	6.03E-02	2.82E-02	1.73E-03	1.37E-07	1.09E-04	1.21E-04	7.15E-05	3.02E-02
75	486633.18, 3855543.15	0.0417	0.0086	0.0199	0.0333	0.0123	0.0233	0.0177	0.0086	5.67E-02	1.70E-03	1.34E-07	2.14E-04	2.50E-04	1.42E-04	5.91E-02	2.76E-02	1.70E-03	1.34E-07	1.04E-04	1.22E-04	6.93E-05	2.96E-02
76	486683.18, 3855543.15	0.0409	0.0085	0.0194	0.0319	0.0123	0.0224	0.017	0.0085	5.56E-02	1.67E-03	1.31E-07	2.05E-04	2.50E-04	1.37E-04	5.79E-02	2.71E-02	1.67E-03	1.31E-07	9.98E-05	1.22E-04	6.68E-05	2.90E-02
77	486533.18, 3855593.15	0.0448	0.0091	0.0219	0.0383	0.0129	0.0259	0.0197	0.0091	6.10E-02	1.80E-03	1.47E-07	2.47E-04	2.62E-04	1.59E-04	6.35E-02	2.97E-02	1.80E-03	1.47E-07	1.20E-04	1.28E-04	7.72E-05	3.18E-02
78	486583.18, 3855593.15	0.0439	0.009	0.0214	0.0365	0.0129	0.025	0.0189	0.009	5.97E-02	1.77E-03	1.44E-07	2.35E-04	2.64E-04	1.53E-04	6.22E-02	2.91E-02	1.77E-03	1.44E-07	1.14E-04	1.28E-04	7.43E-05	3.12E-02
79	486633.18, 3855593.15	0.043	0.0088	0.0209	0.0349	0.013	0.0241	0.0182	0.0088	5.85E-02	1.74E-03	1.41E-07	2.25E-04	2.65E-04	1.47E-04	6.09E-02	2.85E-02	1.74E-03	1.41E-07	1.09E-04	1.29E-04	7.18E-05	3.05E-02
80	486683.18, 3855593.15	0.0421	0.0087	0.0205	0.0336	0.0131	0.0234	0.0176	0.0087	5.73E-02	1.71E-03	1.38E-07	2.16E-04	2.67E-04	1.43E-04	5.96E-02	2.79E-02	1.71E-03	1.38E-07	1.05E-04	1.30E-04	6.96E-05	2.99E-02
81	486533.18, 3855643.15	0.0463	0.0094	0.0231	0.0405	0.0137	0.027	0.0204	0.0094	6.30E-02	1.84E-03	1.55E-07	2.61E-04	2.79E-04	1.65E-04	6.55E-02	3.07E-02	1.84E-03	1.55E-07	1.27E-04	1.36E-04	8.05E-05	3.28E-02
82	486583.18, 3855643.15	0.0453	0.0092	0.0225	0.0386	0.0138	0.026	0.0196	0.0092	6.16E-02	1.81E-03	1.52E-07	2.48E-04	2.80E-04	1.59E-04	6.41E-02	3.00E-02	1.81E-03	1.52E-07	1.21E-04	1.37E-04	7.74E-05	3.21E-02
83	486633.18, 3855643.15	0.0443	0.009	0.022	0.0368	0.0138	0.0251	0.0188	0.009	6.03E-02	1.78E-03	1.48E-07	2.36E-04	2.82E-04	1.53E-04	6.27E-02	2.93E-02	1.78E-03	1.48E-07	1.15E-04	1.37E-04	7.46E-05	3.14E-02
84	486683.18, 3855643.15	0.0434	0.0089	0.0215	0.0352	0.0139	0.0242	0.0182	0.0089	5.90E-02	1.75E-03	1.44E-07	2.26E-04	2.84E-04	1.48E-04	6.14E-02	2.87E-02	1.75E-03	1.44E-07	1.10E-04	1.38E-04	7.22E-05	3.08E-02
85	486533.18, 3855693.15	0.0477	0.0096	0.0243	0.0432	0.0146	0.0283	0.0212	0.0096	6.49E-02	1.89E-03	1.64E-07	2.78E-04	2.97E-04	1.73E-04	6.76E-02	3.16E-02	1.89E-03	1.64E-07	1.35E-04	1.45E-04	8.44E-05	3.39E-02
86	486583.18, 3855693.15	0.0467	0.0094	0.0236	0.0407	0.0146	0.0271	0.0203	0.0094	6.36E-02	1.85E-03	1.59E-07	2.62E-04	2.98E-04	1.66E-04	6.61E-02	3.09E-02	1.85E-03	1.59E-07	1.27E-04	1.45E-04	8.06E-05	3.31E-02
87	486633.18, 3855693.15	0.0457	0.0092	0.0228	0.0385	0.0146	0.0259	0.0194	0.0092	6.22E-02	1.81E-03	1.54E-07	2.48E-04	2.99E-04	1.59E-04	6.48E-02	3.03E-02	1.81E-03	1.54E-07	1.21E-04	1.45E-04	7.72E-05	3.24E-02
88	486683.18, 3855693.15	0.0447	0.0091	0.0224	0.037	0.0148	0.0252	0.0188	0.0091	6.08E-02	1.78E-03	1.51E-07	2.38E-04	3.02E-04	1.54E-04	6.33E-02	2.96E-02	1.78E-03	1.51E-07	1.16E-04	1.47E-04	7.50E-05	3.17E-02
89	486733.18, 3855693.15	0.0436	0.009	0.022	0.0358	0.0151	0.0246	0.0183	0.009	5.94E-02	1.77E-03	1.48E-07	2.30E-04	3.08E-04	1.51E-04	6.19E-02	2.89E-02	1.77E-03	1.48E-07	1.12E-04	1.50E-04	7.33E-05	3.10E-02
90	486783.18, 3855693.15	0.0426	0.0089	0.0217	0.0349	0.0154	0.0241	0.0179	0.0089	5.80E-02	1.76E-03	1.46E-07	2.24E-04	3.15E-04	1.48E-04	6.05E-02	2.83E-02	1.76E-03	1.46E-07	1.09E-04	1.53E-04	7.18E-05	3.03E-02
91	486533.18, 3855743.15	0.0492	0.0098	0.0254	0.0461	0.0155	0.0297	0.0221	0.0098	6.70E-02	1.94E-03	1.71E-07	2.96E-04	3.17E-04	1.82E-04	6.98E-02	3.26E-02	1.94E-03	1.71E-07	1.44E-04	1.54E-04	8.86E-05	3.49E-02
92	486583.18, 3855743.15	0.0482	0.0096	0.0245	0.0431	0.0156	0.0282	0.021	0.0096	6.56E-02	1.89E-03	1.65E-07	2.77E-04	3.17E-04	1.73E-04	6.83E-02	3.20E-02	1.89E-03	1.65E-07	1.35E-04	1.54E-04	8.41E-05	3.42E-02
93	486633.18, 3855743.15	0.0471	0.0094	0.0238	0.0408	0.0156	0.0271	0.0201	0.0094	6.42E-02	1.85E-03	1.60E-07	2.62E-04	3.19E-04	1.66E-04	6.68E-02	3.12E-02	1.85E-03	1.60E-07	1.28E-04	1.55E-04	8.06E-05	3.35E-02
94	486683.18, 3855743.15	0.046	0.0093	0.0234	0.0392	0.0159	0.0263	0.0195	0.0093	6.26E-02	1.83E-03	1.57E-07	2.52E-04	3.23E-04	1.61E-04	6.52E-02	3.05E-02	1.83E-03	1.57E-07	1.23E-04	1.57E-04	7.84E-05	3.27E-02
95	486733.18, 3855743.15	0.045	0.0092	0.0228	0.0377	0.0161	0.0255	0.0189	0.0092	6.12E-02	1.81E-03	1.54E-07	2.42E-04	3.28E-04	1.56E-04	6.37E-02	2.98E-02	1.81E-03	1.54E-07	1.18E-04	1.60E-04	7.60E-05	3.19E-02
96	486783.18, 3855743.15	0.0438	0.0091	0.0226	0.0367	0.0165	0.0251	0.0186	0.0091	5.97E-02	1.80E-03	1.52E-07	2.36E-04	3.36E-04	1.53E-04	6.22E-02	2.91E-02	1.80E-03	1.52E-07	1.15E-04	1.64E-04	7.47E-05	3.12E-02
97	486533.18, 3855793.15	0.0508	0.0101	0.0266	0.0494	0.0166	0.0313	0.0232	0.0101	6.92E-02	1.99E-03	1.79E-07	3.18E-04	3.39E-04	1.92E-04	7.21E-02	3.37E-02	1.99E-03	1.79E-07	1.55E-04	1.65E-04	9.33E-05	3.61E-02
98	486583.18, 3855793.15	0.0499	0.0098	0.0253	0.0456	0.0166	0.0294	0.0217	0.0098	6.79E-02	1.92E-03	1.71E-07	2.94E-04	3.38E-04	1.80E-04	7.06E-02	3.30E-02	1.92E-03	1.71E-07	1.43E-04	1.64E-04	8.77E-05	3.54E-02
99	486633.18, 3855793.15	0.0486	0.0096	0.0248	0.0436	0.0168	0.0285	0.021	0.0096	6.61E-02	1.90E-03	1.67E-07	2.81E-04	3.42E-04	1.74E-04	6.88E-02	3.22E-02	1.90E-03	1.67E-07	1.37E-04	1.67E-04	8.49E-05	3.45E-02
100	486683.18, 3855793.15	0.0473	0.0096	0.0243	0.0418	0.0171	0.0277	0.0204	0.0096	6.44E-02	1.88E-03	1.64E-07	2.69E-04	3.48E-04	1.69E-04	6.71E-02	3.14E-02	1.88E-03	1.64E-07	1.31E-04	1.69E-04	8.24E-05	3.36E-02
101	486733.18, 3855793.15	0.0462	0.0094	0.0238	0.0401	0.0173	0.0268	0.0198	0.0094	6.29E-02	1.86E-03	1.60E-07	2.58E-04	3.53E-04	1.64E-04	6.55E-02	3.06E-02	1.86E-03	1.60E-07	1.26E-04	1.72E-04	7.99E-05	3.28E-02
102	486783.18, 3855793.15	0.0451	0.0093	0.0233	0.0386	0.0176	0.0261	0.0192	0.0093	6.14E-02	1.84E-03	1.57E-07	2.48E-04	3.59E-04	1.60E-04	6.40E-02	2.99E-02	1.84E-03	1.57E-07	1.21E-04	1.75E-04	7.77E-05	3.21E-02
103	486533.18, 3855843.15	0.0527	0.0103	0.0274	0.053	0.0177	0.0329	0.0242	0.0103	7.17E-02	2.03E-03	1.84E-07	3.41E-04	3.61E-04	2.02E-04	7.46E-02	3.49E-02	2.03E-03	1.84E-07	1.66E-04	1.76E-04	9.81E-05	3.74E-02
104	486583.18, 3855843.15	0.0515	0.01	0.0263	0.0491	0.0178	0.0311	0.0228	0.01	7.01E-02	1.97E-03	1.77E-07	3.16E-04	3.62E-04	1.90E-04	7.29E-02	3.41E-02	1.97E-03	1.77E-07	1.54E-04	1.76E-04	9.26E-05	3.65E-02
105	486633.18, 3855843.15	0.0501	0.0099	0.0257	0.0468	0.018	0.03	0.022	0.0099	6.82E-02	1.95E-03	1.73E-07	3.01E-04	3.68E-04	1.84E-04	7.10E-02	3.32E-02	1.95E-03	1.73E-07	1.46E-04	1.79E-04	8.94E-05	3.55E-02
106	486683.18, 3855843.15	0.0488	0.0098	0.0251	0.0447	0.0183	0.0291	0.0213	0.0098	6.64E-02	1.93E-03	1.69E-07	2.87E-04	3.73E-04	1.78E-04	6.91E-02	3.23E-02	1.93E-03	1.69E-07	1.40E-04	1.82E-04	8.65E-05	3.46E-02
107	486733.18, 3855843.15	0.0475	0.0097	0.0246	0.0428	0.0186	0.0282	0.0206	0.0097	6.47E-02	1.91E-03	1.65E-07	2.75E-04	3.80E-04	1.72E-04	6.74E-02	3.15E-02	1.91E-03	1.65E-07	1.34E-04	1.85E-04	8.39E-05	3.38E-02
108	486783.18, 3855843.15	0.0464	0.0096	0.024	0.041	0.0189	0.0273	0.02	0.0096	6.31E-02	1.89E-03	1.61E-07	2.64E-04	3.86E-04	1.67E-04	6.58E-02	3.07E-02	1.89E-03	1.61E-07	1.28E-04	1.88E-04	8.14E-05	3.30E-02
109	486533.18, 3855893.15	0.0548	0.0104	0.0277	0.0567	0.0189	0.0345	0.0251	0.0104	7.46E-02	2.06E-03	1.86E-07	3.64E-04	3.84E-04	2.11E-04	7.76E-02	3.63E-02	2.06E-03	1.86E-07	1.77E-04	1.87E-04	1.03E-04	3.88E-02
110	486583.18, 3855893.15	0.0532	0.0103	0.027	0.0534	0.0191	0.033	0.0241	0.0103	7.24E-02	2.03E-03	1.81E-07	3.43E-04	3.90E-04	2.02E-04	7.53E-02	3.52E-02	2.03E-03	1.81E-07	1.67E-04	1.90E-04	9.84E-05	3.77E-02
111	486633.18, 3855893.15	0.0517	0.0102	0.0262	0.0504	0.0194	0.0317	0.0231	0.0102	7.03E-02	2.00E-03	1.77E-07	3.24E-04	3.96E-04	1.94E-04	7.33E-02	3.42E-02	2.00E-03	1.77E-07	1.58E-04	1.93E-04	9.45E-05	3.67E-02
112	486683.18, 3855893.15	0.0502	0.01	0.0256	0.048	0.0197	0.0306	0.0223	0.01	6.84E-02	1.98E-03	1.72E-07	3.08E-04	4.02E-04	1.87E-04	7.13E-02	3.33E-02	1.98E-03	1.72E-07	1.50E-04	1.96E-04	9.12E-05	3.57E-02
113	486733.18, 3855893.15	0.0489	0.0099	0.025	0.0458	0.02	0.0296	0.0216	0.0099	6.66E-02	1.95E-03	1.68E-07	2.94E-04	4.09E-04	1.81E-04	6.94E-02	3.24E-02	1.95E-03	1.68E-07	1.43E-04	1.99E-04	8.82E-05	3.48E-02
114	486783.18, 3855893.15	0.0476	0.0098	0.0244	0.0439	0.0204	0.0288	0.0209	0.0098	6.49E-02	1.94E-03	1.64E-07	2.82E-04	4.16E-04	1.76E-04	6.77E-02	3.16E-02	1.94E-03	1.64E-07	1.37E-04	2.03E-04	8.57E-05	3.39E-02
115	486533.18, 3855943.15	0.0568	0.0107	0.0279	0.0619	0.0203	0.0367	0.0266	0.0107	7.73E-02	2.11E-03	1.88E-07	3.98E-04	4.13E-04	2.25E-04	8.05E-02	3.76E-02	2.11E-03	1.88E-07	1.94E-04	2.01E-04	1.09E-04	4.03E-02
116	486583.18, 3855943.15	0.0549	0.0106	0.0273	0.0584	0.0206	0.0353	0.0256	0.0106	7.48E-02	2.09E-03	1.83E-07	3.76E-04	4.21E-04	2.16E-04	7.79E-02	3.64E-02	2.09E-03	1.83E-07	1.83E-04	2.05E-04	1.05E-04	3.90E-02
117	486633.18, 3855943.15	0.0534	0.0104	0.0264	0.0547	0.0209	0.0337	0.0244	0.0104	7.26E-02	2.05E-03	1.78E-07	3.52E-04	4.27E-04	2.06E-04	7.57E-02	3.54E-02	2.05E-03	1.78E-07	1.71E-04	2.08E-04	1.00E-04	3.79E-02
118	486683.18, 3855943.15	0.0518	0.0103	0.0258	0.0519	0.0213	0.0325	0.0235	0.0103	7.05E-02	2.03E-03	1.74E-07	3.34E-04	4.35E-04	1.99E-04	7.35E-02	3.43E-02	2.03E-03	1.74E-07	1.63E-04	2.12E-04	9.67E-05	3.68E-02
119	486733.18, 3855943.15	0.0504	0.0102	0.0251	0.0492	0.0216	0.0313	0.0226	0.0102	6.86E-02	2.01E-03	1.69E-07	3.16E-04	4.41E-04	1.91E-04	7.15E-02	3.34E-02	2.01E-03	1.69E-07	1.54E-04	2.15E-04	9.31E-05	3.59E-02
120	486783.18, 3855943.15	0.049	0.0101	0.0245	0.047	0.0221	0.0303	0.0219	0.0101	6.67E-02	1.99E-03	1.65E-07	3.02E-04	4.50E-04	1.85E-04	6.96E-02	3.25E-02	1.99E-03	1.65E-07	1.47E-04	2.19E-04	9.02E-05	3.49E-02

121	486533.18, 3855993.15	0.0589	0.011	0.0278	0.0688	0.0219	0.0396	0.0284	0.011	8.02E-02	2.17E-03	1.87E-07	4.43E-04	4.46E-04	2.42E-04	8.35E-02	3.90E-02	2.17E-03	1.87E-07	2.15E-04	2.17E-04	1.18E-04	4.17E-02
122	486583.18, 3855993.15	0.0569	0.0109	0.027	0.0641	0.0222	0.0377	0.0271	0.0109	7.75E-02	2.14E-03	1.82E-07	4.12E-04	4.53E-04	2.30E-04	8.07E-02	3.77E-02	2.14E-03	1.82E-07	2.01E-04	2.21E-04	1.12E-04	4.04E-02
123	486633.18, 3855993.15	0.0551	0.0107	0.0263	0.0599	0.0226	0.0359	0.0259	0.0107	7.51E-02	2.11E-03	1.77E-07	3.86E-04	4.61E-04	2.20E-04	7.82E-02	3.65E-02	2.11E-03	1.77E-07	1.88E-04	2.25E-04	1.07E-04	3.92E-02
124	486683.18, 3855993.15	0.0534	0.0106	0.0256	0.0565	0.0231	0.0345	0.0249	0.0106	7.28E-02	2.09E-03	1.72E-07	3.64E-04	4.71E-04	2.11E-04	7.59E-02	3.54E-02	2.09E-03	1.72E-07	1.77E-04	2.29E-04	1.03E-04	3.80E-02
125	486733.18, 3855993.15	0.0519	0.0105	0.0249	0.0533	0.0235	0.0331	0.0239	0.0105	7.07E-02	2.06E-03	1.68E-07	3.43E-04	4.79E-04	2.03E-04	7.38E-02	3.44E-02	2.06E-03	1.68E-07	1.67E-04	2.33E-04	9.87E-05	3.70E-02
126	486783.18, 3855993.15	0.0505	0.0103	0.0242	0.0506	0.0239	0.032	0.023	0.0103	6.87E-02	2.04E-03	1.63E-07	3.25E-04	4.87E-04	1.96E-04	7.17E-02	3.34E-02	2.04E-03	1.63E-07	1.58E-04	2.37E-04	9.52E-05	3.60E-02
127	486533.18, 3856043.15	0.0612	0.0114	0.0273	0.0773	0.0236	0.0429	0.0305	0.0114	8.33E-02	2.24E-03	1.84E-07	4.97E-04	4.81E-04	2.62E-04	8.68E-02	4.06E-02	2.24E-03	1.84E-07	2.42E-04	2.34E-04	1.28E-04	4.34E-02
128	486583.18, 3856043.15	0.059	0.0112	0.0265	0.0716	0.0241	0.0407	0.029	0.0112	8.03E-02	2.21E-03	1.79E-07	4.60E-04	4.91E-04	2.49E-04	8.37E-02	3.91E-02	2.21E-03	1.79E-07	2.24E-04	2.39E-04	1.21E-04	4.19E-02
129	486633.18, 3856043.15	0.0571	0.011	0.0258	0.0663	0.0245	0.0386	0.0275	0.011	7.77E-02	2.17E-03	1.73E-07	4.26E-04	4.99E-04	2.36E-04	8.10E-02	3.78E-02	2.17E-03	1.73E-07	2.07E-04	2.43E-04	1.15E-04	4.06E-02
130	486683.18, 3856043.15	0.0552	0.0109	0.0251	0.0622	0.025	0.0369	0.0264	0.0109	7.52E-02	2.15E-03	1.69E-07	4.00E-04	5.10E-04	2.26E-04	7.84E-02	3.66E-02	2.15E-03	1.69E-07	1.95E-04	2.48E-04	1.10E-04	3.93E-02
131	486733.18, 3856043.15	0.0536	0.0107	0.0244	0.0582	0.0255	0.0353	0.0252	0.0107	7.29E-02	2.11E-03	1.64E-07	3.74E-04	5.20E-04	2.16E-04	7.62E-02	3.55E-02	2.11E-03	1.64E-07	1.82E-04	2.53E-04	1.05E-04	3.82E-02
132	486783.18, 3856043.15	0.052	0.0106	0.0238	0.055	0.026	0.034	0.0243	0.0106	7.07E-02	2.09E-03	1.61E-07	3.54E-04	5.31E-04	2.08E-04	7.39E-02	3.44E-02	2.09E-03	1.61E-07	1.72E-04	2.58E-04	1.01E-04	3.71E-02
133	486533.18, 3856093.15	0.0637	0.0117	0.0265	0.0889	0.0255	0.0471	0.033	0.0117	8.68E-02	2.31E-03	1.78E-07	5.72E-04	5.20E-04	2.88E-04	9.05E-02	4.22E-02	2.31E-03	1.78E-07	2.78E-04	2.53E-04	1.40E-04	4.52E-02
134	486583.18, 3856093.15	0.0613	0.0115	0.0257	0.081	0.0261	0.0443	0.0311	0.0115	8.35E-02	2.27E-03	1.73E-07	5.21E-04	5.31E-04	2.71E-04	8.71E-02	4.06E-02	2.27E-03	1.73E-07	2.54E-04	2.59E-04	1.32E-04	4.36E-02
135	486633.18, 3856093.15	0.0592	0.0114	0.025	0.0744	0.0266	0.0418	0.0295	0.0114	8.06E-02	2.24E-03	1.68E-07	4.78E-04	5.42E-04	2.56E-04	8.41E-02	3.92E-02	2.24E-03	1.68E-07	2.33E-04	2.64E-04	1.24E-04	4.21E-02
136	486683.18, 3856093.15	0.0571	0.0112	0.0244	0.069	0.0272	0.0398	0.0281	0.0112	7.78E-02	2.21E-03	1.64E-07	4.44E-04	5.55E-04	2.43E-04	8.12E-02	3.79E-02	2.21E-03	1.64E-07	2.16E-04	2.70E-04	1.18E-04	4.07E-02
137	486733.18, 3856093.15	0.0553	0.011	0.0238	0.0642	0.0278	0.0378	0.0268	0.011	7.53E-02	2.17E-03	1.60E-07	4.13E-04	5.66E-04	2.32E-04	7.87E-02	3.67E-02	2.17E-03	1.60E-07	2.01E-04	2.76E-04	1.13E-04	3.94E-02
138	486783.18, 3856093.15	0.0536	0.0109	0.0232	0.0601	0.0284	0.0363	0.0257	0.0109	7.30E-02	2.15E-03	1.56E-07	3.87E-04	5.79E-04	2.22E-04	7.63E-02	3.55E-02	2.15E-03	1.56E-07	1.88E-04	2.82E-04	1.08E-04	3.82E-02
139	486533.18, 3856143.15	0.0666	0.0121	0.0254	0.1041	0.0276	0.0524	0.0358	0.0121	9.07E-02	2.38E-03	1.71E-07	6.69E-04	5.63E-04	3.20E-04	9.46E-02	4.41E-02	2.38E-03	1.71E-07	3.26E-04	2.74E-04	1.56E-04	4.73E-02
140	486583.18, 3856143.15	0.064	0.0119	0.0247	0.0929	0.0282	0.0486	0.0336	0.0119	8.71E-02	2.34E-03	1.66E-07	5.98E-04	5.76E-04	2.97E-04	9.09E-02	4.24E-02	2.34E-03	1.66E-07	2.91E-04	2.80E-04	1.45E-04	4.54E-02
141	486633.18, 3856143.15	0.0615	0.0117	0.0241	0.0843	0.0289	0.0457	0.0318	0.0117	8.37E-02	2.30E-03	1.62E-07	5.42E-04	5.90E-04	2.79E-04	8.74E-02	4.07E-02	2.30E-03	1.62E-07	2.64E-04	2.87E-04	1.36E-04	4.37E-02
142	486683.18, 3856143.15	0.0593	0.0115	0.0235	0.0771	0.0296	0.0431	0.0301	0.0115	8.07E-02	2.27E-03	1.58E-07	4.96E-04	6.04E-04	2.64E-04	8.43E-02	3.93E-02	2.27E-03	1.58E-07	2.41E-04	2.94E-04	1.28E-04	4.22E-02
143	486733.18, 3856143.15	0.0573	0.0114	0.0229	0.0711	0.0303	0.0408	0.0287	0.0114	7.79E-02	2.24E-03	1.54E-07	4.57E-04	6.18E-04	2.50E-04	8.15E-02	3.79E-02	2.24E-03	1.54E-07	2.22E-04	3.01E-04	1.22E-04	4.08E-02
144	486783.18, 3856143.15	0.0553	0.0113	0.0224	0.0661	0.0311	0.039	0.0275	0.0113	7.53E-02	2.22E-03	1.51E-07	4.25E-04	6.35E-04	2.38E-04	7.88E-02	3.66E-02	2.22E-03	1.51E-07	2.07E-04	3.09E-04	1.16E-04	3.95E-02
145	486533.18, 3856193.15	0.0699	0.0125	0.0242	0.125	0.0299	0.0592	0.0395	0.0125	9.51E-02	2.46E-03	1.63E-07	8.04E-04	6.11E-04	3.62E-04	9.93E-02	4.63E-02	2.46E-03	1.63E-07	3.91E-04	2.97E-04	1.76E-04	4.96E-02
146	486583.18, 3856193.15	0.0669	0.0122	0.0235	0.1087	0.0307	0.0541	0.0367	0.0122	9.11E-02	2.41E-03	1.58E-07	6.99E-04	6.26E-04	3.31E-04	9.51E-02	4.43E-02	2.41E-03	1.58E-07	3.40E-04	3.05E-04	1.61E-04	4.75E-02
147	486633.18, 3856193.15	0.0641	0.0121	0.023	0.0968	0.0315	0.0502	0.0345	0.0121	8.73E-02	2.37E-03	1.55E-07	6.22E-04	6.43E-04	3.07E-04	9.12E-02	4.25E-02	2.37E-03	1.55E-07	3.03E-04	3.13E-04	1.50E-04	4.56E-02
148	486683.18, 3856193.15	0.0615	0.0119	0.0225	0.0874	0.0324	0.0471	0.0327	0.0119	8.38E-02	2.34E-03	1.52E-07	5.62E-04	6.61E-04	2.88E-04	8.76E-02	4.08E-02	2.34E-03	1.52E-07	2.74E-04	3.22E-04	1.40E-04	4.38E-02
149	486733.18, 3856193.15	0.0593	0.0117	0.022	0.0795	0.0332	0.0442	0.0309	0.0117	8.08E-02	2.31E-03	1.48E-07	5.11E-04	6.77E-04	2.71E-04	8.45E-02	3.93E-02	2.31E-03	1.48E-07	2.49E-04	3.30E-04	1.32E-04	4.23E-02
150	486783.18, 3856193.15	0.0572	0.0116	0.0216	0.0732	0.0342	0.0419	0.0294	0.0116	7.78E-02	2.28E-03	1.45E-07	4.71E-04	6.97E-04	2.57E-04	8.16E-02	3.79E-02	2.28E-03	1.45E-07	2.29E-04	3.39E-04	1.25E-04	4.09E-02
151	486533.18, 3856243.15	0.0737	0.0129	0.0229	0.1546	0.0325	0.0676	0.0439	0.0129	1.00E-01	2.54E-03	1.54E-07	9.95E-04	6.64E-04	4.14E-04	1.05E-01	4.88E-02	2.54E-03	1.54E-07	4.84E-04	3.23E-04	2.01E-04	5.24E-02
152	486583.18, 3856243.15	0.0701	0.0127	0.0223	0.1306	0.0335	0.0611	0.0406	0.0127	9.55E-02	2.49E-03	1.50E-07	8.40E-04	6.83E-04	3.74E-04	9.98E-02	4.65E-02	2.49E-03	1.50E-07	4.09E-04	3.33E-04	1.82E-04	4.99E-02
153	486633.18, 3856243.15	0.067	0.0124	0.0218	0.1132	0.0345	0.0559	0.0377	0.0124	9.12E-02	2.45E-03	1.47E-07	7.28E-04	7.04E-04	3.42E-04	9.54E-02	4.44E-02	2.45E-03	1.47E-07	3.54E-04	3.42E-04	1.66E-04	4.77E-02
154	486683.18, 3856243.15	0.0642	0.0123	0.0214	0.1001	0.0355	0.0517	0.0353	0.0123	8.73E-02	2.42E-03	1.44E-07	6.44E-04	7.24E-04	3.16E-04	9.14E-02	4.25E-02	2.42E-03	1.44E-07	3.13E-04	3.52E-04	1.54E-04	4.57E-02
155	486733.18, 3856243.15	0.0616	0.0121	0.021	0.0899	0.0365	0.0483	0.0333	0.0121	8.38E-02	2.38E-03	1.42E-07	5.78E-04	7.45E-04	2.95E-04	8.78E-02	4.08E-02	2.38E-03	1.42E-07	2.81E-04	3.63E-04	1.44E-04	4.40E-02
156	486783.18, 3856243.15	0.0593	0.0119	0.0206	0.0816	0.0376	0.0453	0.0315	0.0119	8.07E-02	2.35E-03	1.39E-07	5.25E-04	7.66E-04	2.77E-04	8.47E-02	3.93E-02	2.35E-03	1.39E-07	2.55E-04	3.73E-04	1.35E-04	4.24E-02
157	486533.18, 3856293.15	0.0781	0.0133	0.0216	0.2008	0.0355	0.0789	0.0493	0.0133	1.06E-01	2.63E-03	1.45E-07	1.29E-03	7.23E-04	4.83E-04	1.11E-01	5.17E-02	2.63E-03	1.45E-07	6.29E-04	3.52E-04	2.35E-04	5.56E-02
158	486583.18, 3856293.15	0.0739	0.0131	0.0211	0.1616	0.0366	0.0698	0.045	0.0131	1.01E-01	2.57E-03	1.42E-07	1.04E-03	7.47E-04	4.27E-04	1.05E-01	4.90E-02	2.57E-03	1.42E-07	5.06E-04	3.63E-04	2.08E-04	5.26E-02
159	486633.18, 3856293.15	0.0703	0.0129	0.0207	0.1355	0.0378	0.0628	0.0414	0.0129	9.57E-02	2.53E-03	1.39E-07	8.72E-04	7.71E-04	3.84E-04	1.00E-01	4.66E-02	2.53E-03	1.39E-07	4.24E-04	3.75E-04	1.87E-04	5.01E-02
160	486683.18, 3856293.15	0.0671	0.0126	0.0203	0.1169	0.039	0.0574	0.0385	0.0126	9.13E-02	2.49E-03	1.37E-07	7.52E-04	7.96E-04	3.51E-04	9.57E-02	4.44E-02	2.49E-03	1.37E-07	3.66E-04	3.88E-04	1.71E-04	4.79E-02
161	486733.18, 3856293.15	0.0641	0.0125	0.02	0.103	0.0403	0.053	0.0361	0.0125	8.73E-02	2.46E-03	1.35E-07	6.63E-04	8.22E-04	3.25E-04	9.16E-02	4.25E-02	2.46E-03	1.35E-07	3.23E-04	4.00E-04	1.58E-04	4.58E-02
162	486783.18, 3856293.15	0.0616	0.0123	0.0197	0.092	0.0416	0.0493	0.0339	0.0123	8.39E-02	2.42E-03	1.32E-07	5.92E-04	8.47E-04	3.02E-04	8.80E-02	4.08E-02	2.42E-03	1.32E-07	2.88E-04	4.12E-04	1.47E-04	4.41E-02
163	486783.18, 3856343.15	0.0641	0.0127	0.0188	0.1054	0.0462	0.0542	0.0368	0.0127	8.73E-02	2.51E-03	1.27E-07	6.78E-04	9.43E-04	3.32E-04	9.17E-02	4.25E-02	2.51E-03	1.27E-07	3.30E-04	4.59E-04	1.62E-04	4.59E-02
164	486833.18, 3856343.15	0.0615	0.0125	0.0185	0.0939	0.0478	0.0504	0.0345	0.0125	8.38E-02	2.47E-03	1.25E-07	6.04E-04	9.75E-04	3.08E-04	8.81E-02	4.08E-02	2.47E-03	1.25E-07	2.94E-04	4.75E-04	1.50E-04	4.42E-02
165	486883.18, 3856343.15	0.0592	0.0124	0.0182	0.0847	0.0494	0.0471	0.0325	0.0124	8.06E-02	2.44E-03	1.23E-07	5.45E-04	1.01E-03	2.88E-04	8.49E-02	3.92E-02	2.44E-03	1.23E-07	2.65E-04	4.91E-04	1.40E-04	4.26E-02
166	486783.18, 3856393.15	0.0671	0.0131	0.018	0.1227	0.0515	0.06	0.0399	0.0131	9.13E-02	2.58E-03	1.21E-07	7.89E-04	1.05E-03	3.67E-04	9.61E-02	4.45E-02	2.58E-03	1.21E-07	3.84E-04	5.11E-04	1.79E-04	4.81E-02
167	486833.18, 3856393.15	0.0642	0.0129	0.0178	0.1071	0.0535	0.0552	0.0372	0.0129	8.73E-02	2.55E-03	1.20E-07	6.89E-04	1.09E-03	3.37E-04	9.20E-02	4.25E-02	2.55E-03	1.20E-07	3.35E-04	5.31E-04	1.64E-04	4.61E-02
168	486883.18, 3856393.15	0.0616	0.0127	0.0175	0.0951	0.0554	0.0511	0.0348	0.0127	8.39E-02	2.51E-03	1.18E-07	6.12E-04	1.13E-03	3.13E-04	8.84E-02	4.08E-02	2.51E-03	1.18E-07	2.98E-04	5.50E-04	1.52E-04	4.43E-02
169	487208.74, 3856886.11	0.0722	0.0158	0.0115	0.1835	1.3874	0.0843	0.0467	0.0158	9.82E-02	3.10E-03	7.72E-08	1.18E-03	2.83E-02	5.16E-04	1.31E-01	4.78E-02	3.10E-03	7.72E-08	5.74E-04	1.38E-02	2.51E-04	6.55E-02
170	487258.74, 3856886.11	0.0682	0.0155	0.0113	0.1499	1.8394	0.0746	0.0428	0.0155	9.29E-02	3.05E-03	7.58E-08	9.64E-04	3.75E-02	4.56E-04	1.35E-01	4.52E-02	3.05E-03	7.58E-08	4.69E-04	1.83E-02	2.22E-04	6.72E-02
171	487308.74, 3856886.11	0.0648	0.0152	0.011	0.1269	2.0879	0.0671	0.0396	0.0152	8.82E-02	2.99E-03	7.42E-08	8.16E-04	4.26E-02	4.11E-04	1.35E-01	4.30E-02	2.99E-03	7.42E-08	3.97E-04	2.07E-02	2.00E-04	6.73E-02
172	487358.74, 3856886.11	0.0619	0.0149	0.0108	0.1102	2.2471	0.0613	0.0368	0.0149	8.43E-02	2.94E-03	7.29E-08	7.09E-04	4.58E-02	3.75E-04	1.34E-01	4.10E-02	2.94E-03	7.29E-08	3.45E-04	2.23E-02	1.83E-04	6.68E-02
173	487208.74, 3856936.11	0.0772	0.0163	0.0113	0.2437	1.6494	0.1003	0.0517	0.0163	1.05E-01	3.22E-03	7.64E-08	1.57E-03	3.36E-02	6.13E-04	1.44E-01	5.11E-02	3.22E-03	7.64E-08	7.63E-04	1.64E-02	2.99E-04	7.18E-02
174	487258.74, 3856936.11	0.0723	0.016	0.0111	0.1875	2.0074	0.0863	0.047	0.016	9.84E-02	3.16E-03	7.47E-08	1.21E-03	4.09E-02	5.28E-04	1.44E-01	4.79E-02	3.16E-03	7.47E-08	5.87E-04	1.99E-02	2.57E-04	7.18E-02
175	487308.74, 3856936.11	0.0682	0.0157	0.0108	0.1526	2.2442	0.0761	0.043	0.0157	9.29E-02	3.10E-03	7.30E-08	9.81E-04	4.58E-02	4.66E-04	1.43E-01	4.52E-02	3.10E-03	7.30E-08	4.78E-04	2.23E-02	2.27E-04	7.13E-02
176	487358.74, 3856936.11	0.0648	0.0155	0.0106	0.1288	2.4162	0.0684	0.0398	0.0155	8.82E-02	3.04E-03	7.15E-08	8.29E-04	4.93E-02	4.19E-04	1.42E-01	4.29E-02	3.04E-03	7.15E-08	4.03E-04	2.40E-02	2.04E-04	7.06E-02
177	487208.74, 3856986.11	0.0839	0.017	0.0113	0.3603	1.4805	0.1248	0.058	0.017	1.14E-01	3.34E-03	7.63E-08	2.32E-03	3.02E-02	7.63E-04	1.51E-01	5.56E-02	3.34E-03	7.63E-08	1.13E-03	1.47E-02	3.72E-04	7.51E-02
178	487258.74, 3856986.11	0.0774	0.0167	0.0111	0.2501	1.8655	0.103	0.052	0.0167	1.05E-01	3.28E-03	7.45E-08	1.61E-03	3.80E-02	6.30E-04	1.49E-01	5.13E-02	3.28E-03	7.45E-08	7.83E-04	1.85E-02	3.07E-04	7.42E-02
179	487308.74, 3856986.11	0.0724	0.0163	0.0108	0.1916	2.1532	0.0883	0.0472	0.0163	9.86E-02	3.21E-03	7.25E-08	1.23E-03	4.39E-02	5.41E-04	1.48E-01	4.80E-02	3.21E-03	7.25E-08	6.00E-04	2.14E-02	2.63E-04	7.34E-02
180	487358.74, 3856986.11	0.0683	0.016	0.0105	0.1552	2.346	0.0777	0.0432	0.016	9.29E-02	3.16E-03	7.09E-08	9.98E-04	4.78E-02	4.75E-04	1.45E-01	4.52E-02	3.16E-03	7.09E-08	4.86E-04	2.33E-02	2.31E-04	7.24E-02
181	487208.74, 3857036.11	0.0936	0.0176	0.0114	0.6488	1.0038	0.1664	0.0663	0.0176	1.27E-01	3.47E-03	7.69E-08	4.17E-03	2.05E-02	1.02E-03	1.57E-01	6.20E-02	3.47E-03	7.69E-08	2.03E-03	9.97E-03	4.96E-04	7.80E-02
182	487258.74, 3857036.11	0.0845	0.0173	0.0111	0.3737	1.4821	0.129	0.0585	0.0173	1.15E-01	3.40E-03	7.48E-08	2.40E-03	3.02E-02	7.89E-04	1.52E-01	5.60E-02	3.40E-03	7.48E-08	1.17E-03	1.47E-02	3.84E-04	7.56E-02

183	487308.74, 3857036.11	0.0778	0.017	0.0108	0.2566	1.8742	0.1058	0.0523	0.017	1.06E-01	3.34E-03	7.27E-08	1.65E-03	3.82E-02	6.48E-04	1.50E-01	5.15E-02	3.34E-03	7.27E-08	8.03E-04	1.86E-02	3.15E-04	7.46E-02
184	487358.74, 3857036.11	0.0726	0.0166	0.0105	0.1951	2.1512	0.0904	0.0474	0.0166	9.88E-02	3.28E-03	7.09E-08	1.25E-03	4.39E-02	5.53E-04	1.48E-01	4.81E-02	3.28E-03	7.09E-08	6.11E-04	2.14E-02	2.69E-04	7.36E-02
185	487427.14, 3856878.23	0.058	0.0145	0.0108	0.0918	2.2332	0.0543	0.0333	0.0145	7.90E-02	2.86E-03	7.25E-08	5.91E-04	4.55E-02	3.32E-04	1.28E-01	3.84E-02	2.86E-03	7.25E-08	2.88E-04	2.22E-02	1.62E-04	6.39E-02
186	487477.14, 3856878.23	0.0558	0.0143	0.0108	0.083	2.2159	0.0508	0.0314	0.0143	7.59E-02	2.82E-03	7.25E-08	5.34E-04	4.52E-02	3.11E-04	1.25E-01	3.69E-02	2.82E-03	7.25E-08	2.60E-04	2.20E-02	1.51E-04	6.22E-02
187	487527.14, 3856878.23	0.0538	0.0141	0.0108	0.0759	2.0693	0.0478	0.0297	0.0141	7.32E-02	2.78E-03	7.25E-08	4.88E-04	4.22E-02	2.92E-04	1.19E-01	3.56E-02	2.78E-03	7.25E-08	2.37E-04	2.05E-02	1.42E-04	5.93E-02
188	487427.14, 3856928.23	0.0604	0.015	0.0105	0.1042	2.5371	0.0595	0.0356	0.015	8.22E-02	2.96E-03	7.10E-08	6.70E-04	5.17E-02	3.64E-04	1.38E-01	4.00E-02	2.96E-03	7.10E-08	3.26E-04	2.52E-02	1.77E-04	6.87E-02
189	487477.14, 3856928.23	0.0579	0.0148	0.0105	0.0929	2.5874	0.0552	0.0334	0.0148	7.88E-02	2.91E-03	7.09E-08	5.97E-04	5.28E-02	3.37E-04	1.35E-01	3.84E-02	2.91E-03	7.09E-08	2.91E-04	2.57E-02	1.64E-04	6.74E-02
190	487527.14, 3856928.23	0.0557	0.0145	0.0105	0.0838	2.5488	0.0515	0.0315	0.0145	7.58E-02	2.86E-03	7.09E-08	5.39E-04	5.20E-02	3.15E-04	1.31E-01	3.69E-02	2.86E-03	7.09E-08	2.63E-04	2.53E-02	1.53E-04	6.55E-02
191	487577.14, 3856928.23	0.0536	0.0143	0.0105	0.0765	2.5334	0.0485	0.0298	0.0143	7.30E-02	2.82E-03	7.07E-08	4.92E-04	5.17E-02	2.96E-04	1.28E-01	3.55E-02	2.82E-03	7.07E-08	2.40E-04	2.51E-02	1.44E-04	6.39E-02
192	487627.14, 3856928.23	0.0518	0.0141	0.0104	0.0705	2.387	0.0458	0.0283	0.0141	7.06E-02	2.78E-03	7.02E-08	4.53E-04	4.87E-02	2.80E-04	1.23E-01	3.43E-02	2.78E-03	7.02E-08	2.21E-04	2.37E-02	1.36E-04	6.12E-02
193	487677.14, 3856928.23	0.0501	0.0139	0.0103	0.0654	2.3014	0.0436	0.0269	0.0139	6.82E-02	2.74E-03	6.96E-08	4.20E-04	4.69E-02	2.67E-04	1.19E-01	3.32E-02	2.74E-03	6.96E-08	2.05E-04	2.28E-02	1.30E-04	5.91E-02
194	487727.14, 3856928.23	0.0485	0.0137	0.0103	0.061	2.2787	0.0416	0.0257	0.0137	6.60E-02	2.70E-03	6.90E-08	3.92E-04	4.65E-02	2.55E-04	1.16E-01	3.21E-02	2.70E-03	6.90E-08	1.91E-04	2.26E-02	1.24E-04	5.78E-02
195	487777.14, 3856928.23	0.0471	0.0135	0.0102	0.0573	2.291	0.0398	0.0246	0.0135	6.41E-02	2.67E-03	6.86E-08	3.68E-04	4.67E-02	2.44E-04	1.14E-01	3.12E-02	2.67E-03	6.86E-08	1.79E-04	2.27E-02	1.19E-04	5.69E-02
196	487427.14, 3856978.23	0.0632	0.0155	0.0104	0.1205	2.5581	0.0661	0.0384	0.0155	8.60E-02	3.06E-03	7.00E-08	7.75E-04	5.22E-02	4.04E-04	1.42E-01	4.19E-02	3.06E-03	7.00E-08	3.77E-04	2.54E-02	1.97E-04	7.09E-02
197	487477.14, 3856978.23	0.0603	0.0153	0.0104	0.1054	2.6485	0.0606	0.0358	0.0153	8.21E-02	3.01E-03	7.00E-08	6.78E-04	5.40E-02	3.70E-04	1.40E-01	4.00E-02	3.01E-03	7.00E-08	3.30E-04	2.63E-02	1.80E-04	6.98E-02
198	487527.14, 3856978.23	0.0578	0.015	0.0104	0.0938	2.7176	0.0561	0.0336	0.015	7.87E-02	2.96E-03	6.99E-08	6.03E-04	5.54E-02	3.43E-04	1.38E-01	3.83E-02	2.96E-03	6.99E-08	2.94E-04	2.70E-02	1.67E-04	6.87E-02
199	487577.14, 3856978.23	0.0556	0.0148	0.0103	0.0846	2.7811	0.0524	0.0316	0.0148	7.57E-02	2.92E-03	6.96E-08	5.44E-04	5.67E-02	3.20E-04	1.36E-01	3.68E-02	2.92E-03	6.96E-08	2.65E-04	2.76E-02	1.56E-04	6.78E-02
200	487627.14, 3856978.23	0.0536	0.0145	0.0102	0.0772	2.8288	0.0492	0.0299	0.0145	7.29E-02	2.86E-03	6.89E-08	4.96E-04	5.77E-02	3.01E-04	1.34E-01	3.55E-02	2.86E-03	6.89E-08	2.42E-04	2.81E-02	1.47E-04	6.68E-02
201	487677.14, 3856978.23	0.0517	0.0143	0.0101	0.071	2.8329	0.0466	0.0284	0.0143	7.04E-02	2.82E-03	6.82E-08	4.57E-04	5.78E-02	2.85E-04	1.32E-01	3.43E-02	2.82E-03	6.82E-08	2.22E-04	2.81E-02	1.39E-04	6.56E-02
202	487727.14, 3856978.23	0.0501	0.0141	0.01	0.0659	2.8552	0.0442	0.027	0.0141	6.82E-02	2.77E-03	6.75E-08	4.24E-04	5.82E-02	2.70E-04	1.30E-01	3.32E-02	2.77E-03	6.75E-08	2.06E-04	2.83E-02	1.32E-04	6.46E-02
203	487777.14, 3856978.23	0.0484	0.014	0.01	0.0614	2.7691	0.0422	0.0258	0.014	6.59E-02	2.75E-03	6.75E-08	3.95E-04	5.65E-02	2.58E-04	1.26E-01	3.21E-02	2.75E-03	6.75E-08	1.92E-04	2.75E-02	1.26E-04	6.26E-02
204	487427.14, 3857028.23	0.0664	0.0161	0.0104	0.1428	2.4425	0.0745	0.0416	0.0161	9.04E-02	3.18E-03	6.99E-08	9.19E-04	4.98E-02	4.56E-04	1.45E-01	4.40E-02	3.18E-03	6.99E-08	4.47E-04	2.42E-02	2.22E-04	7.21E-02
205	487477.14, 3857028.23	0.0631	0.0158	0.0104	0.1219	2.5769	0.0673	0.0385	0.0158	8.60E-02	3.12E-03	6.98E-08	7.84E-04	5.26E-02	4.12E-04	1.43E-01	4.18E-02	3.12E-03	6.98E-08	3.82E-04	2.56E-02	2.00E-04	7.11E-02
206	487527.14, 3857028.23	0.0603	0.0156	0.0103	0.1065	2.6869	0.0616	0.0359	0.0156	8.21E-02	3.06E-03	6.95E-08	6.85E-04	5.48E-02	3.77E-04	1.41E-01	4.00E-02	3.06E-03	6.95E-08	3.33E-04	2.67E-02	1.84E-04	7.02E-02
207	487577.14, 3857028.23	0.0578	0.0153	0.0103	0.0947	2.77	0.057	0.0336	0.0153	7.87E-02	3.01E-03	6.90E-08	6.09E-04	5.65E-02	3.49E-04	1.39E-01	3.83E-02	3.01E-03	6.90E-08	2.96E-04	2.75E-02	1.70E-04	6.93E-02
208	487627.14, 3857028.23	0.0556	0.015	0.0101	0.0854	2.8469	0.0532	0.0317	0.015	7.56E-02	2.96E-03	6.81E-08	5.49E-04	5.81E-02	3.26E-04	1.38E-01	3.68E-02	2.96E-03	6.81E-08	2.67E-04	2.83E-02	1.59E-04	6.85E-02
209	487677.14, 3857028.23	0.0535	0.0148	0.01	0.0778	2.8839	0.05	0.03	0.0148	7.28E-02	2.91E-03	6.73E-08	5.00E-04	5.88E-02	3.06E-04	1.35E-01	3.55E-02	2.91E-03	6.73E-08	2.44E-04	2.86E-02	1.49E-04	6.74E-02
210	487727.14, 3857028.23	0.0516	0.0146	0.0099	0.0715	2.8886	0.0473	0.0284	0.0146	7.02E-02	2.88E-03	6.69E-08	4.60E-04	5.89E-02	2.90E-04	1.33E-01	3.42E-02	2.88E-03	6.69E-08	2.24E-04	2.87E-02	1.41E-04	6.61E-02
211	487777.14, 3857028.23	0.0499	0.0144	0.0099	0.0663	2.8724	0.045	0.027	0.0144	6.79E-02	2.83E-03	6.69E-08	4.26E-04	5.86E-02	2.75E-04	1.30E-01	3.30E-02	2.83E-03	6.69E-08	2.08E-04	2.85E-02	1.34E-04	6.47E-02
212	487427.14, 3857078.23	0.0704	0.0167	0.0105	0.1755	2.2474	0.0857	0.0454	0.0167	9.58E-02	3.30E-03	7.04E-08	1.13E-03	4.58E-02	5.25E-04	1.47E-01	4.67E-02	3.30E-03	7.04E-08	5.49E-04	2.23E-02	2.55E-04	7.31E-02
213	487477.14, 3857078.23	0.0665	0.0164	0.0104	0.1447	2.4321	0.0761	0.0417	0.0164	9.06E-02	3.23E-03	7.02E-08	9.31E-04	4.96E-02	4.65E-04	1.45E-01	4.41E-02	3.23E-03	7.02E-08	4.53E-04	2.41E-02	2.26E-04	7.21E-02
214	487527.14, 3857078.23	0.0632	0.0161	0.0104	0.1232	2.5711	0.0686	0.0386	0.0161	8.60E-02	3.18E-03	6.98E-08	7.93E-04	5.24E-02	4.20E-04	1.43E-01	4.19E-02	3.18E-03	6.98E-08	3.86E-04	2.55E-02	2.04E-04	7.12E-02
215	487577.14, 3857078.23	0.0603	0.0158	0.0103	0.1075	2.6824	0.0628	0.036	0.0158	8.21E-02	3.12E-03	6.90E-08	6.92E-04	5.47E-02	3.84E-04	1.41E-01	4.00E-02	3.12E-03	6.90E-08	3.37E-04	2.66E-02	1.87E-04	7.02E-02
216	487627.14, 3857078.23	0.0578	0.0155	0.0101	0.0956	2.7735	0.0581	0.0338	0.0155	7.87E-02	3.06E-03	6.80E-08	6.15E-04	5.66E-02	3.55E-04	1.39E-01	3.83E-02	3.06E-03	6.80E-08	2.99E-04	2.75E-02	1.73E-04	6.94E-02
217	487677.14, 3857078.23	0.0555	0.0153	0.01	0.0861	2.8337	0.0542	0.0318	0.0153	7.56E-02	3.01E-03	6.72E-08	5.54E-04	5.78E-02	3.32E-04	1.37E-01	3.68E-02	3.01E-03	6.72E-08	2.69E-04	2.81E-02	1.61E-04	6.84E-02
218	487727.14, 3857078.23	0.0534	0.0151	0.0099	0.0784	2.8676	0.0509	0.03	0.0151	7.27E-02	2.97E-03	6.69E-08	5.04E-04	5.85E-02	3.12E-04	1.35E-01	3.54E-02	2.97E-03	6.69E-08	2.45E-04	2.85E-02	1.52E-04	6.72E-02
219	487777.14, 3857078.23	0.0516	0.0148	0.01	0.0721	2.8857	0.0481	0.0285	0.0148	7.02E-02	2.92E-03	6.71E-08	4.64E-04	5.89E-02	2.95E-04	1.33E-01	3.42E-02	2.92E-03	6.71E-08	2.26E-04	2.86E-02	1.43E-04	6.61E-02
220	487427.14, 3857128.23	0.0755	0.0174	0.0106	0.227	1.9683	0.1017	0.0501	0.0174	1.03E-01	3.43E-03	7.15E-08	1.46E-03	4.01E-02	6.22E-04	1.48E-01	5.00E-02	3.43E-03	7.15E-08	7.11E-04	1.95E-02	3.03E-04	7.40E-02
221	487477.14, 3857128.23	0.0706	0.017	0.0106	0.1781	2.219	0.0879	0.0456	0.017	9.62E-02	3.36E-03	7.12E-08	1.15E-03	4.53E-02	5.38E-04	1.46E-01	4.68E-02	3.36E-03	7.12E-08	5.58E-04	2.20E-02	2.62E-04	7.30E-02
222	487527.14, 3857128.23	0.0667	0.0167	0.0105	0.1466	2.4088	0.0778	0.0419	0.0167	9.08E-02	3.29E-03	7.06E-08	9.43E-04	4.91E-02	4.76E-04	1.45E-01	4.42E-02	3.29E-03	7.06E-08	4.59E-04	2.39E-02	2.32E-04	7.21E-02
223	487577.14, 3857128.23	0.0633	0.0164	0.0104	0.1247	2.5506	0.0701	0.0388	0.0164	8.62E-02	3.23E-03	6.97E-08	8.02E-04	5.20E-02	4.29E-04	1.43E-01	4.19E-02	3.23E-03	6.97E-08	3.90E-04	2.53E-02	2.09E-04	7.11E-02
224	487627.14, 3857128.23	0.0604	0.0161	0.0102	0.1086	2.6596	0.0641	0.0361	0.0161	8.22E-02	3.17E-03	6.86E-08	6.99E-04	5.42E-02	3.92E-04	1.41E-01	4.00E-02	3.17E-03	6.86E-08	3.40E-04	2.64E-02	1.91E-04	7.01E-02
225	487677.14, 3857128.23	0.0578	0.0158	0.0101	0.0965	2.7509	0.0592	0.0339	0.0158	7.87E-02	3.12E-03	6.77E-08	6.21E-04	5.61E-02	3.62E-04	1.39E-01	3.83E-02	3.12E-03	6.77E-08	3.02E-04	2.73E-02	1.76E-04	6.92E-02
226	487727.14, 3857128.23	0.0555	0.0156	0.01	0.0868	2.8002	0.0552	0.0319	0.0156	7.55E-02	3.07E-03	6.76E-08	5.58E-04	5.71E-02	3.38E-04	1.37E-01	3.68E-02	3.07E-03	6.76E-08	2.72E-04	2.78E-02	1.65E-04	6.81E-02
227	487777.14, 3857128.23	0.0534	0.0153	0.0101	0.0791	2.8411	0.0519	0.0301	0.0153	7.27E-02	3.02E-03	6.80E-08	5.08E-04	5.79E-02	3.18E-04	1.35E-01	3.54E-02	3.02E-03	6.80E-08	2.48E-04	2.82E-02	1.55E-04	6.70E-02
228	488049.44, 3856539.39	0.0355	0.0106	0.0113	0.032	0.1428	0.0247	0.0161	0.0106	4.84E-02	2.09E-03	7.61E-08	2.06E-04	2.91E-03	1.51E-04	5.37E-02	2.35E-02	2.09E-03	7.61E-08	1.00E-04	1.42E-03	7.37E-05	2.72E-02
229	488099.44, 3856539.39	0.0349	0.0105	0.0112	0.0311	0.1451	0.0242	0.0158	0.0105	4.75E-02	2.07E-03	7.54E-08	2.00E-04	2.96E-03	1.48E-04	5.29E-02	2.31E-02	2.07E-03	7.54E-08	9.74E-05	1.44E-03	7.21E-05	2.68E-02
230	488149.44, 3856539.39	0.0343	0.0104	0.0111	0.0303	0.1475	0.0238	0.0154	0.0104	4.67E-02	2.05E-03	7.49E-08	1.95E-04	3.01E-03	1.45E-04	5.21E-02	2.27E-02	2.05E-03	7.49E-08	9.50E-05	1.46E-03	7.08E-05	2.64E-02
231	488049.44, 3856589.39	0.0361	0.0109	0.0112	0.033	0.1872	0.0255	0.0165	0.0109	4.91E-02	2.14E-03	7.53E-08	2.13E-04	3.82E-03	1.56E-04	5.54E-02	2.39E-02	2.14E-03	7.53E-08	1.03E-04	1.86E-03	7.60E-05	2.81E-02
232	488099.44, 3856589.39	0.0354	0.0107	0.0111	0.0321	0.1893	0.025	0.0161	0.0107	4.82E-02	2.11E-03	7.47E-08	2.07E-04	3.86E-03	1.53E-04	5.45E-02	2.35E-02	2.11E-03	7.47E-08	1.01E-04	1.88E-03	7.44E-05	2.76E-02
233	488149.44, 3856589.39	0.0348	0.0106	0.011	0.0313	0.1906	0.0245	0.0158	0.0106	4.73E-02	2.09E-03	7.41E-08	2.01E-04	3.89E-03	1.50E-04	5.37E-02	2.30E-02	2.09E-03	7.41E-08	9.79E-05	1.89E-03	7.29E-05	2.72E-02
234	488199.44, 3856589.39	0.0342	0.0105	0.0109	0.0305	0.1913	0.024	0.0154	0.0105	4.65E-02	2.07E-03	7.34E-08	1.96E-04	3.90E-03	1.47E-04	5.28E-02	2.26E-02	2.07E-03	7.34E-08	9.54E-05	1.90E-03	7.15E-05	2.68E-02
235	488249.44, 3856589.39	0.0335	0.0105	0.0108	0.0298	0.1912	0.0237	0.0151	0.0105	4.56E-02	2.06E-03	7.28E-08	1.91E-04	3.90E-03	1.45E-04	5.19E-02	2.22E-02	2.06E-03	7.28E-08	9.31E-05	1.90E-03	7.04E-05	2.63E-02
236	488049.44, 3856639.39	0.0366	0.0111	0.0111	0.0342	0.256	0.0264	0.0169	0.0111	4.99E-02	2.18E-03	7.46E-08	2.20E-04	5.22E-03	1.61E-04	5.76E-02	2.43E-02	2.18E-03	7.46E-08	1.07E-04	2.54E-03	7.85E-05	2.92E-02
237	488099.44, 3856639.39	0.0359	0.011	0.011	0.0332	0.2553	0.0258	0.0165	0.011	4.89E-02	2.16E-03	7.42E-08	2.14E-04	5.21E-03	1.58E-04	5.67E-02	2.38E-02	2.16E-03	7.42E-08	1.04E-04	2.53E-03	7.67E-05	2.87E-02
238	488149.44, 3856639.39	0.0353	0.0108	0.0109	0.0323	0.253	0.0252	0.0161	0.0108	4.80E-02	2.14E-03	7.37E-08	2.08E-04	5.16E-03	1.54E-04	5.57E-02	2.34E-02	2.14E-03	7.37E-08	1.01E-04	2.51E-03	7.52E-05	2.82E-02
239	488199.44, 3856639.39	0.0346	0.0108	0.0109	0.0314	0.2495	0.0248	0.0158	0.0108	4.71E-02	2.12E-03	7.31E-08	2.02E-04	5.09E-03	1.52E-04	5.47E-02	2.29E-02	2.12E-03	7.31E-08	9.84E-05	2.48E-03	7.38E-05	2.77E-02
240	488249.44, 3856639.39	0.034	0.0107	0.0107	0.0307	0.2455	0.0243	0.0154	0.0107	4.63E-02	2.10E-03	7.23E-08	1.97E-04	5.01E-03	1.49E-04	5.37E-02	2.25E-02	2.10E-03	7.23E-08	9.60E-05	2.44E-03	7.25E-05	2.72E-02
241	488299.44, 3856639.39	0.0334	0.0106	0.0106	0.0299	0.241	0.0239	0.0151	0.0106	4.54E-02	2.08E-03	7.16E-08	1.92E-04	4.92E-03	1.46E-04	5.28E-02	2.21E-02	2.08E-03	7.16E-08	9.36E-05	2.39E-03	7.12E-05	2.68E-02
242	488349.44, 3856639.39	0.0328	0.0105	0.0106	0.0292	0.2365	0.0235	0.0148	0.0105	4.47E-02	2.06E-03	7.12E-08	1.88E-04	4.82E-03	1.44E-04	5.19E-02	2.18E-02	2.06E-03	7.12E-08	9.15E-05	2.35E-03	7.00E-05	2.63E-02
243	488399.44, 3856639.39	0.0322	0.0104	0.0106	0.0286	0.2313	0.0232	0.0145	0.0104	4.39E-02	2.04E-03	7.14E-08	1.84E-04	4.72E-03	1.42E-04	5.10E-02	2.14E-02	2.04E-03	7.14E-08	8.95E-05	2.30E-03	6.90E-05	2.59E-02
244	488099.44, 3856689.39	0.0365	0.0112	0.011	0.0344	0.3582	0.0266	0.0169	0.0112	4.97E-02	2.21E-03	7.38E-08	2.21E-04	7.30E-03	1.63E-04	5.95E-02	2.42E-02	2.21E-03	7.38E-08	1.08E-04	3.56E-03	7.93E-05	3.01E-02

245	488149.44, 3856689.39	0.0358	0.0111	0.0109	0.0334	0.3435	0.0261	0.0165	0.0111	4.87E-02	2.18E-03	7.33E-08	2.15E-04	7.01E-03	1.60E-04	5.83E-02	2.37E-02	2.18E-03	7.33E-08	1.05E-04	3.41E-03	7.77E-05	2.95E-02
246	488199.44, 3856689.39	0.0351	0.011	0.0108	0.0325	0.3292	0.0256	0.0161	0.011	4.78E-02	2.16E-03	7.28E-08	2.09E-04	6.71E-03	1.57E-04	5.70E-02	2.33E-02	2.16E-03	7.28E-08	1.02E-04	3.27E-03	7.62E-05	2.89E-02
247	488249.44, 3856689.39	0.0345	0.0109	0.0107	0.0316	0.3165	0.0251	0.0158	0.0109	4.69E-02	2.14E-03	7.22E-08	2.03E-04	6.45E-03	1.54E-04	5.59E-02	2.28E-02	2.14E-03	7.22E-08	9.90E-05	3.14E-03	7.47E-05	2.83E-02
248	488299.44, 3856689.39	0.0338	0.0108	0.0107	0.0308	0.3042	0.0247	0.0154	0.0108	4.61E-02	2.13E-03	7.18E-08	1.98E-04	6.20E-03	1.51E-04	5.47E-02	2.24E-02	2.13E-03	7.18E-08	9.65E-05	3.02E-03	7.34E-05	2.77E-02
249	488349.44, 3856689.39	0.0333	0.0107	0.0107	0.0301	0.2933	0.0242	0.0151	0.0107	4.53E-02	2.10E-03	7.18E-08	1.93E-04	5.98E-03	1.48E-04	5.37E-02	2.20E-02	2.10E-03	7.18E-08	9.41E-05	2.91E-03	7.21E-05	2.72E-02
250	488399.44, 3856689.39	0.0327	0.0105	0.0107	0.0294	0.2834	0.0238	0.0148	0.0105	4.46E-02	2.08E-03	7.21E-08	1.89E-04	5.78E-03	1.46E-04	5.28E-02	2.17E-02	2.08E-03	7.21E-08	9.20E-05	2.81E-03	7.09E-05	2.67E-02
251	488099.44, 3856739.39	0.037	0.0115	0.0109	0.0357	0.5039	0.0276	0.0174	0.0115	5.04E-02	2.26E-03	7.34E-08	2.30E-04	1.03E-02	1.69E-04	6.34E-02	2.45E-02	2.26E-03	7.34E-08	1.12E-04	5.00E-03	8.22E-05	3.20E-02
252	488149.44, 3856739.39	0.0364	0.0113	0.0108	0.0346	0.4618	0.027	0.017	0.0113	4.95E-02	2.23E-03	7.30E-08	2.23E-04	9.42E-03	1.65E-04	6.15E-02	2.41E-02	2.23E-03	7.30E-08	1.08E-04	4.58E-03	8.04E-05	3.11E-02
253	488199.44, 3856739.39	0.0356	0.0112	0.0108	0.0336	0.4273	0.0265	0.0165	0.0112	4.85E-02	2.21E-03	7.27E-08	2.16E-04	8.71E-03	1.62E-04	5.98E-02	2.36E-02	2.21E-03	7.27E-08	1.05E-04	4.24E-03	7.88E-05	3.02E-02
254	488249.44, 3856739.39	0.035	0.0111	0.0108	0.0327	0.4004	0.0259	0.0162	0.0111	4.76E-02	2.19E-03	7.24E-08	2.10E-04	8.17E-03	1.59E-04	5.83E-02	2.32E-02	2.19E-03	7.24E-08	1.02E-04	3.98E-03	7.72E-05	2.95E-02
255	488299.44, 3856739.39	0.0344	0.011	0.0107	0.0318	0.3785	0.0254	0.0158	0.011	4.68E-02	2.16E-03	7.23E-08	2.05E-04	7.72E-03	1.55E-04	5.70E-02	2.28E-02	2.16E-03	7.23E-08	9.96E-05	3.76E-03	7.56E-05	2.89E-02
256	488349.44, 3856739.39	0.0337	0.0109	0.0108	0.031	0.3577	0.025	0.0154	0.0109	4.59E-02	2.15E-03	7.30E-08	1.99E-04	7.30E-03	1.53E-04	5.57E-02	2.23E-02	2.15E-03	7.30E-08	9.71E-05	3.55E-03	7.44E-05	2.82E-02
257	488399.44, 3856739.39	0.0331	0.0108	0.011	0.0303	0.3394	0.0246	0.0151	0.0108	4.50E-02	2.14E-03	7.41E-08	1.95E-04	6.92E-03	1.51E-04	5.44E-02	2.19E-02	2.14E-03	7.41E-08	9.47E-05	3.37E-03	7.33E-05	2.76E-02
258	487999.44, 3856789.39	0.0394	0.012	0.0108	0.0399	0.9507	0.0301	0.0189	0.012	5.36E-02	2.36E-03	7.27E-08	2.57E-04	1.94E-02	1.84E-04	7.58E-02	2.61E-02	2.36E-03	7.27E-08	1.25E-04	9.44E-03	8.97E-05	3.81E-02
259	488049.44, 3856789.39	0.0385	0.0118	0.0108	0.0384	0.7753	0.0293	0.0184	0.0118	5.25E-02	2.33E-03	7.27E-08	2.47E-04	1.58E-02	1.79E-04	7.10E-02	2.55E-02	2.33E-03	7.27E-08	1.20E-04	7.70E-03	8.73E-05	3.58E-02
260	488099.44, 3856789.39	0.0377	0.0117	0.0108	0.0371	0.6634	0.0286	0.0179	0.0117	5.13E-02	2.31E-03	7.28E-08	2.39E-04	1.35E-02	1.75E-04	6.76E-02	2.50E-02	2.31E-03	7.28E-08	1.16E-04	6.59E-03	8.52E-05	3.41E-02
261	488149.44, 3856789.39	0.0369	0.0116	0.0108	0.0359	0.5888	0.028	0.0174	0.0116	5.03E-02	2.29E-03	7.26E-08	2.31E-04	1.20E-02	1.71E-04	6.50E-02	2.45E-02	2.29E-03	7.26E-08	1.12E-04	5.85E-03	8.32E-05	3.28E-02
262	488199.44, 3856789.39	0.0362	0.0115	0.0108	0.0348	0.5328	0.0274	0.017	0.0115	4.93E-02	2.26E-03	7.26E-08	2.24E-04	1.09E-02	1.67E-04	6.28E-02	2.40E-02	2.26E-03	7.26E-08	1.09E-04	5.29E-03	8.15E-05	3.17E-02
263	488249.44, 3856789.39	0.0355	0.0114	0.0108	0.0338	0.4901	0.0268	0.0166	0.0114	4.83E-02	2.24E-03	7.27E-08	2.17E-04	1.00E-02	1.64E-04	6.09E-02	2.35E-02	2.24E-03	7.27E-08	1.06E-04	4.87E-03	7.98E-05	3.08E-02
264	488299.44, 3856789.39	0.0349	0.0112	0.0109	0.0329	0.4562	0.0262	0.0162	0.0112	4.75E-02	2.21E-03	7.33E-08	2.11E-04	9.30E-03	1.61E-04	5.94E-02	2.31E-02	2.21E-03	7.33E-08	1.03E-04	4.53E-03	7.81E-05	3.00E-02
265	488349.44, 3856789.39	0.0342	0.0112	0.0111	0.032	0.4255	0.0258	0.0158	0.0112	4.65E-02	2.20E-03	7.47E-08	2.06E-04	8.68E-03	1.58E-04	5.78E-02	2.26E-02	2.20E-03	7.47E-08	1.00E-04	4.22E-03	7.69E-05	2.92E-02
266	488399.44, 3856789.39	0.0335	0.0111	0.0113	0.0312	0.3996	0.0254	0.0154	0.0111	4.56E-02	2.18E-03	7.62E-08	2.01E-04	8.15E-03	1.55E-04	5.63E-02	2.22E-02	2.18E-03	7.62E-08	9.77E-05	3.97E-03	7.56E-05	2.85E-02
267	487949.44, 3856839.39	0.0411	0.0124	0.0106	0.0435	1.4555	0.0323	0.0202	0.0124	5.60E-02	2.44E-03	7.14E-08	2.80E-04	2.97E-02	1.98E-04	8.86E-02	2.73E-02	2.44E-03	7.14E-08	1.36E-04	1.44E-02	9.62E-05	4.44E-02
268	487999.44, 3856839.39	0.0402	0.0123	0.0107	0.0417	1.1505	0.0314	0.0196	0.0123	5.47E-02	2.41E-03	7.17E-08	2.68E-04	2.35E-02	1.92E-04	8.10E-02	2.66E-02	2.41E-03	7.17E-08	1.31E-04	1.14E-02	9.34E-05	4.07E-02
269	488049.44, 3856839.39	0.0393	0.0121	0.0107	0.0401	0.9462	0.0305	0.019	0.0121	5.35E-02	2.39E-03	7.19E-08	2.58E-04	1.93E-02	1.86E-04	7.56E-02	2.60E-02	2.39E-03	7.19E-08	1.26E-04	9.39E-03	9.08E-05	3.80E-02
270	488099.44, 3856839.39	0.0384	0.012	0.0107	0.0387	0.8077	0.0297	0.0184	0.012	5.23E-02	2.36E-03	7.20E-08	2.49E-04	1.65E-02	1.82E-04	7.15E-02	2.54E-02	2.36E-03	7.20E-08	1.21E-04	8.02E-03	8.85E-05	3.60E-02
271	488149.44, 3856839.39	0.0376	0.0119	0.0107	0.0374	0.7091	0.029	0.0179	0.0119	5.11E-02	2.34E-03	7.22E-08	2.40E-04	1.45E-02	1.77E-04	6.84E-02	2.49E-02	2.34E-03	7.22E-08	1.17E-04	7.04E-03	8.64E-05	3.45E-02
272	488199.44, 3856839.39	0.0368	0.0118	0.0108	0.0361	0.6357	0.0284	0.0174	0.0118	5.01E-02	2.32E-03	7.27E-08	2.32E-04	1.30E-02	1.73E-04	6.58E-02	2.44E-02	2.32E-03	7.27E-08	1.13E-04	6.31E-03	8.44E-05	3.32E-02
273	487949.44, 3856889.39	0.0421	0.0127	0.0104	0.0457	1.6629	0.0337	0.0209	0.0127	5.72E-02	2.50E-03	7.03E-08	2.94E-04	3.39E-02	2.06E-04	9.42E-02	2.79E-02	2.50E-03	7.03E-08	1.43E-04	1.65E-02	1.00E-04	4.71E-02
274	487999.44, 3856889.39	0.041	0.0126	0.0105	0.0437	1.3216	0.0327	0.0202	0.0126	5.58E-02	2.48E-03	7.08E-08	2.81E-04	2.70E-02	2.00E-04	8.57E-02	2.72E-02	2.48E-03	7.08E-08	1.37E-04	1.31E-02	9.74E-05	4.30E-02
275	488049.44, 3856889.39	0.0401	0.0124	0.0105	0.042	1.0989	0.0317	0.0196	0.0124	5.46E-02	2.44E-03	7.10E-08	2.70E-04	2.24E-02	1.94E-04	7.99E-02	2.66E-02	2.44E-03	7.10E-08	1.31E-04	1.09E-02	9.45E-05	4.01E-02
276	488099.44, 3856889.39	0.0391	0.0123	0.0106	0.0404	0.9382	0.0309	0.019	0.0123	5.33E-02	2.42E-03	7.13E-08	2.60E-04	1.91E-02	1.89E-04	7.53E-02	2.59E-02	2.42E-03	7.13E-08	1.26E-04	9.31E-03	9.21E-05	3.79E-02
277	488635.86, 3857895.05	0.0533	0.0213	0.0565	0.0822	0.1038	0.0786	0.0288	0.0213	7.26E-02	4.19E-03	3.80E-07	5.29E-04	2.12E-03	4.81E-04	7.99E-02	3.53E-02	4.19E-03	3.80E-07	2.57E-04	1.03E-03	2.34E-04	4.10E-02
278	489137.64, 3857804.15	0.0405	0.016	0.0355	0.048	0.1164	0.0461	0.0184	0.016	5.52E-02	3.15E-03	2.39E-07	3.09E-04	2.37E-03	2.82E-04	6.13E-02	2.68E-02	3.15E-03	2.39E-07	1.50E-04	1.16E-03	1.37E-04	3.14E-02
279	488617.32, 3857859.41	0.0522	0.0207	0.0555	0.0792	0.1238	0.0763	0.0282	0.0207	7.11E-02	4.08E-03	3.74E-07	5.09E-04	2.52E-03	4.67E-04	7.87E-02	3.46E-02	4.08E-03	3.74E-07	2.48E-04	1.23E-03	2.27E-04	4.04E-02
280	488667.32, 3857859.41	0.0507	0.0202	0.053	0.074	0.1211	0.0719	0.0269	0.0202	6.90E-02	3.98E-03	3.57E-07	4.76E-04	2.47E-03	4.40E-04	7.63E-02	3.36E-02	3.98E-03	3.57E-07	2.32E-04	1.20E-03	2.14E-04	3.92E-02
281	488717.32, 3857859.41	0.0493	0.0197	0.0507	0.0697	0.1185	0.068	0.0257	0.0197	6.71E-02	3.89E-03	3.41E-07	4.49E-04	2.42E-03	4.16E-04	7.43E-02	3.27E-02	3.89E-03	3.41E-07	2.18E-04	1.18E-03	2.02E-04	3.81E-02
282	488767.32, 3857859.41	0.048	0.0193	0.0486	0.0661	0.1157	0.0647	0.0246	0.0193	6.54E-02	3.81E-03	3.27E-07	4.25E-04	2.36E-03	3.96E-04	7.24E-02	3.18E-02	3.81E-03	3.27E-07	2.07E-04	1.15E-03	1.93E-04	3.72E-02
283	488617.32, 3857909.41	0.0547	0.0218	0.0582	0.087	0.0977	0.0822	0.0298	0.0218	7.45E-02	4.28E-03	3.92E-07	5.59E-04	1.99E-03	5.03E-04	8.19E-02	3.63E-02	4.28E-03	3.92E-07	2.72E-04	9.70E-04	2.45E-04	4.20E-02
284	488667.32, 3857909.41	0.053	0.0213	0.0554	0.0805	0.0963	0.077	0.0284	0.0213	7.21E-02	4.19E-03	3.73E-07	5.18E-04	1.96E-03	4.71E-04	7.93E-02	3.51E-02	4.19E-03	3.73E-07	2.52E-04	9.56E-04	2.29E-04	4.07E-02
285	488717.32, 3857909.41	0.0516	0.0207	0.0526	0.0755	0.0955	0.0725	0.027	0.0207	7.02E-02	4.08E-03	3.54E-07	4.86E-04	1.95E-03	4.43E-04	7.72E-02	3.42E-02	4.08E-03	3.54E-07	2.36E-04	9.48E-04	2.16E-04	3.97E-02
286	488767.32, 3857909.41	0.0503	0.0203	0.0502	0.0712	0.0942	0.0686	0.0258	0.0203	6.85E-02	3.99E-03	3.38E-07	4.58E-04	1.92E-03	4.20E-04	7.53E-02	3.33E-02	3.99E-03	3.38E-07	2.23E-04	9.35E-04	2.04E-04	3.87E-02
287	488417.32, 3857959.41	0.0697	0.0256	0.0758	0.1614	0.0778	0.1311	0.0411	0.0256	9.49E-02	5.05E-03	5.10E-07	1.04E-03	1.59E-03	8.02E-04	1.03E-01	4.62E-02	5.05E-03	5.10E-07	5.05E-04	7.73E-04	3.91E-04	5.29E-02
288	488467.32, 3857959.41	0.0658	0.0249	0.071	0.1369	0.0786	0.1162	0.0382	0.0249	8.95E-02	4.91E-03	4.78E-07	8.80E-04	1.60E-03	7.11E-04	9.76E-02	4.36E-02	4.91E-03	4.78E-07	4.29E-04	7.81E-04	3.46E-04	5.00E-02
289	488517.32, 3857959.41	0.0625	0.0242	0.0667	0.1194	0.0789	0.1047	0.0358	0.0242	8.51E-02	4.78E-03	4.49E-07	7.68E-04	1.61E-03	6.41E-04	9.29E-02	4.14E-02	4.78E-03	4.49E-07	3.74E-04	7.83E-04	3.12E-04	4.77E-02
290	488567.32, 3857959.41	0.0599	0.0236	0.0629	0.1063	0.0787	0.0957	0.0336	0.0236	8.15E-02	4.65E-03	4.24E-07	6.84E-04	1.61E-03	5.86E-04	8.90E-02	3.97E-02	4.65E-03	4.24E-07	3.33E-04	7.81E-04	2.85E-04	4.57E-02
291	488617.32, 3857959.41	0.0576	0.023	0.0594	0.0964	0.0785	0.0884	0.0317	0.023	7.85E-02	4.53E-03	4.00E-07	6.20E-04	1.60E-03	5.41E-04	8.58E-02	3.82E-02	4.53E-03	4.00E-07	3.02E-04	7.79E-04	2.63E-04	4.41E-02
292	488667.32, 3857959.41	0.0558	0.0224	0.0562	0.0885	0.0781	0.0823	0.03	0.0224	7.59E-02	4.41E-03	3.78E-07	5.69E-04	1.59E-03	5.03E-04	8.30E-02	3.70E-02	4.41E-03	3.78E-07	2.77E-04	7.75E-04	2.45E-04	4.27E-02
293	488717.32, 3857959.41	0.0542	0.0218	0.0533	0.0822	0.0776	0.0771	0.0285	0.0218	7.38E-02	4.30E-03	3.59E-07	5.28E-04	1.58E-03	4.72E-04	8.07E-02	3.59E-02	4.30E-03	3.59E-07	2.57E-04	7.70E-04	2.30E-04	4.15E-02
294	488767.32, 3857959.41	0.053	0.0213	0.0507	0.077	0.0772	0.0727	0.0272	0.0213	7.22E-02	4.19E-03	3.41E-07	4.95E-04	1.57E-03	4.45E-04	7.89E-02	3.51E-02	4.19E-03	3.41E-07	2.41E-04	7.66E-04	2.16E-04	4.06E-02
295	488417.32, 3858009.41	0.0758	0.0274	0.0758	0.2022	0.0635	0.1497	0.0449	0.0274	1.03E-01	5.39E-03	5.10E-07	1.30E-03	1.29E-03	9.16E-04	1.12E-01	5.02E-02	5.39E-03	5.10E-07	6.33E-04	6.30E-04	4.46E-04	5.73E-02
296	488467.32, 3858009.41	0.0708	0.0266	0.0708	0.1642	0.0643	0.1296	0.0415	0.0266	9.64E-02	5.23E-03	4.77E-07	1.06E-03	1.31E-03	7.93E-04	1.05E-01	4.69E-02	5.23E-03	4.77E-07	5.14E-04	6.39E-04	3.86E-04	5.37E-02
297	488517.32, 3858009.41	0.0668	0.0258	0.0663	0.1391	0.0647	0.115	0.0385	0.0258	9.10E-02	5.08E-03	4.47E-07	8.94E-04	1.32E-03	7.04E-04	9.90E-02	4.43E-02	5.08E-03	4.47E-07	4.35E-04	6.42E-04	3.43E-04	5.08E-02
298	488567.32, 3858009.41	0.0637	0.0251	0.0624	0.1212	0.0647	0.1039	0.0361	0.0251	8.67E-02	4.94E-03	4.20E-07	7.80E-04	1.32E-03	6.36E-04	9.43E-02	4.22E-02	4.94E-03	4.20E-07	3.80E-04	6.42E-04	3.10E-04	4.85E-02
299	488617.32, 3858009.41	0.0612	0.0243	0.0587	0.1082	0.0647	0.0952	0.0338	0.0243	8.33E-02	4.79E-03	3.95E-07	6.96E-04	1.32E-03	5.82E-04	9.06E-02	4.05E-02	4.79E-03	3.95E-07	3.39E-04	6.42E-04	2.83E-04	4.66E-02
300	488667.32, 3858009.41	0.0592	0.0236	0.0554	0.0982	0.0646	0.088	0.0319	0.0236	8.05E-02	4.66E-03	3.73E-07	6.32E-04	1.32E-03	5.38E-04	8.77E-02	3.92E-02	4.66E-03	3.73E-07	3.07E-04	6.41E-04	2.62E-04	4.51E-02
301	488717.32, 3858009.41	0.0576	0.023	0.0524	0.0903	0.0644	0.082	0.0302	0.023	7.84E-02	4.53E-03	3.53E-07	5.81E-04	1.31E-03	5.02E-04	8.54E-02	3.82E-02	4.53E-03	3.53E-07	2.83E-04	6.39E-04	2.44E-04	4.39E-02
302	488767.32, 3858009.41	0.0566	0.0224	0.0498	0.084	0.0642	0.077	0.0287	0.0224	7.71E-02	4.42E-03	3.35E-07	5.40E-04	1.31E-03	4.71E-04	8.38E-02	3.75E-02	4.42E-03	3.35E-07	2.63E-04	6.38E-04	2.29E-04	4.31E-02
303	488417.32, 3858059.41	0.0843	0.0294	0.0726	0.2698	0.0534	0.1777	0.0495	0.0294	1.15E-01	5.79E-03	4.89E-07	1.74E-03	1.09E-03	1.09E-03	1.24E-01	5.58E-02	5.79E-03	4.89E-07	8.45E-04	5.30E-04	5.29E-04	6.35E-02
304	488467.32, 3858059.41	0.0774	0.0285	0.0678	0.2054	0.0542	0.1481	0.0454	0.0285	1.05E-01	5.60E-03	4.57E-07	1.32E-03	1.11E-03	9.06E-04	1.14E-01	5.13E-02	5.60E-03	4.57E-07	6.43E-04	5.38E-04	4.41E-04	5.85E-02
305	488517.32, 3858059.41	0.0723	0.0276	0.0635	0.1669	0.0547	0.1283	0.0419	0.0276	9.84E-02	5.43E-03	4.28E-07	1.07E-03	1.11E-03	7.85E-04	1.07E-01	4.79E-02	5.43E-03	4.28E-07	5.22E-04	5.43E-04	3.82E-04	5.48E-02
306	488567.32, 3858059.41	0.0685	0.0267	0.0597	0.1413	0.0548	0.1141	0.039	0.0267	9.32E-02	5.26E-03	4.02E-07	9.09E-04	1.12E-03	6.98E-04	1.01E-01	4.54E-02	5.26E-03	4.02E-07	4.43E-04	5.44E-04	3.40E-04	5.20E-02

307	488617.32, 3858059.41	0.0655	0.0259	0.0563	0.1234	0.0547	0.1032	0.0364	0.0259	8.92E-02	5.11E-03	3.79E-07	7.94E-04	1.11E-03	6.31E-04	9.69E-02	4.34E-02	5.11E-03	3.79E-07	3.86E-04	5.43E-04	3.07E-04	4.98E-02
308	488667.32, 3858059.41	0.0635	0.0251	0.0531	0.1103	0.0546	0.0946	0.0341	0.0251	8.64E-02	4.95E-03	3.58E-07	7.09E-04	1.11E-03	5.79E-04	9.37E-02	4.20E-02	4.95E-03	3.58E-07	3.45E-04	5.42E-04	2.82E-04	4.82E-02
309	488417.32, 3858109.41	0.0976	0.0316	0.067	0.4109	0.0462	0.2288	0.0548	0.0316	1.33E-01	6.23E-03	4.51E-07	2.64E-03	9.42E-04	1.40E-03	1.44E-01	6.47E-02	6.23E-03	4.51E-07	1.29E-03	4.58E-04	6.81E-04	7.33E-02
310	488467.32, 3858109.41	0.087	0.0306	0.0628	0.2777	0.0469	0.178	0.0499	0.0306	1.18E-01	6.02E-03	4.23E-07	1.79E-03	9.57E-04	1.09E-03	1.28E-01	5.76E-02	6.02E-03	4.23E-07	8.69E-04	4.66E-04	5.30E-04	6.55E-02
311	488517.32, 3858109.41	0.0799	0.0296	0.0591	0.2102	0.0473	0.1478	0.0459	0.0296	1.09E-01	5.83E-03	3.98E-07	1.35E-03	9.64E-04	9.04E-04	1.18E-01	5.29E-02	5.83E-03	3.98E-07	6.58E-04	4.69E-04	4.40E-04	6.03E-02
312	488567.32, 3858109.41	0.0749	0.0286	0.0556	0.1704	0.0474	0.1279	0.0423	0.0286	1.02E-01	5.63E-03	3.75E-07	1.10E-03	9.67E-04	7.82E-04	1.10E-01	4.96E-02	5.63E-03	3.75E-07	5.34E-04	4.71E-04	3.81E-04	5.67E-02
313	488617.32, 3858109.41	0.0715	0.0277	0.0526	0.1443	0.0473	0.1136	0.0393	0.0277	9.73E-02	5.46E-03	3.54E-07	9.28E-04	9.65E-04	6.95E-04	1.05E-01	4.74E-02	5.46E-03	3.54E-07	4.52E-04	4.70E-04	3.38E-04	5.41E-02
314	488667.32, 3858109.41	0.0696	0.0268	0.0497	0.1262	0.0472	0.1028	0.0366	0.0268	9.47E-02	5.27E-03	3.35E-07	8.12E-04	9.63E-04	6.29E-04	1.02E-01	4.61E-02	5.27E-03	3.35E-07	3.95E-04	4.69E-04	3.06E-04	5.26E-02
315	488769.93, 3858449.27	0.0807	0.0426	0.026	0.5227	0.0245	0.2571	0.058	0.0426	1.10E-01	8.39E-03	1.75E-07	3.36E-03	5.00E-04	1.57E-03	1.24E-01	5.35E-02	8.39E-03	1.75E-07	1.64E-03	2.43E-04	7.66E-04	6.45E-02
316	488819.93, 3858449.27	0.0751	0.0403	0.0255	0.3356	0.0242	0.189	0.0522	0.0403	1.02E-01	7.93E-03	1.72E-07	2.16E-03	4.94E-04	1.16E-03	1.14E-01	4.98E-02	7.93E-03	1.72E-07	1.05E-03	2.40E-04	5.63E-04	5.95E-02
317	488819.93, 3858499.27	0.0872	0.0448	0.0235	0.5552	0.0227	0.2665	0.0587	0.0448	1.19E-01	8.82E-03	1.58E-07	3.57E-03	4.64E-04	1.63E-03	1.33E-01	5.78E-02	8.82E-03	1.58E-07	1.74E-03	2.26E-04	7.94E-04	6.94E-02
318	488869.93, 3858499.27	0.0785	0.0422	0.0231	0.3523	0.0224	0.1933	0.0528	0.0422	1.07E-01	8.31E-03	1.56E-07	2.27E-03	4.57E-04	1.18E-03	1.19E-01	5.20E-02	8.31E-03	1.56E-07	1.10E-03	2.23E-04	5.76E-04	6.22E-02
319	488869.93, 3858549.27	0.0926	0.0472	0.0216	0.5902	0.0212	0.2765	0.0594	0.0472	1.26E-01	9.29E-03	1.45E-07	3.80E-03	4.31E-04	1.69E-03	1.41E-01	6.14E-02	9.29E-03	1.45E-07	1.85E-03	2.10E-04	8.23E-04	7.35E-02
320	489438.17, 3859571.48	0.0479	0.0233	0.0506	0.0946	0.0091	0.0413	0.0224	0.0233	6.52E-02	4.59E-03	3.41E-07	6.08E-04	1.85E-04	2.52E-04	7.08E-02	3.17E-02	4.59E-03	3.41E-07	2.96E-04	9.01E-05	1.23E-04	3.68E-02
321	489488.17, 3859571.48	0.0454	0.0255	0.0605	0.0839	0.0089	0.0413	0.0246	0.0255	6.19E-02	5.02E-03	4.07E-07	5.40E-04	1.82E-04	2.53E-04	6.79E-02	3.01E-02	5.02E-03	4.07E-07	2.63E-04	8.85E-05	1.23E-04	3.56E-02
322	489538.17, 3859571.48	0.0435	0.0282	0.0746	0.0772	0.0087	0.0416	0.0272	0.0282	5.93E-02	5.55E-03	5.03E-07	4.97E-04	1.77E-04	2.55E-04	6.58E-02	2.89E-02	5.55E-03	5.03E-07	2.42E-04	8.64E-05	1.24E-04	3.49E-02
323	489588.17, 3859571.48	0.0421	0.0315	0.0961	0.0731	0.0085	0.0422	0.0304	0.0315	5.72E-02	6.20E-03	6.47E-07	4.70E-04	1.73E-04	2.58E-04	6.43E-02	2.79E-02	6.20E-03	6.47E-07	2.29E-04	8.40E-05	1.26E-04	3.45E-02
324	489438.17, 3859621.48	0.0476	0.0201	0.0386	0.0921	0.0089	0.0397	0.0194	0.0201	6.48E-02	3.96E-03	2.60E-07	5.93E-04	1.81E-04	2.43E-04	6.98E-02	3.16E-02	3.96E-03	2.60E-07	2.88E-04	8.80E-05	1.18E-04	3.60E-02
325	489488.17, 3859621.48	0.0448	0.0217	0.0452	0.0812	0.0087	0.0396	0.0209	0.0217	6.10E-02	4.27E-03	3.04E-07	5.22E-04	1.78E-04	2.42E-04	6.62E-02	2.97E-02	4.27E-03	3.04E-07	2.54E-04	8.67E-05	1.18E-04	3.44E-02
326	489538.17, 3859621.48	0.0426	0.0236	0.0548	0.0741	0.0086	0.0396	0.0228	0.0236	5.81E-02	4.64E-03	3.69E-07	4.76E-04	1.75E-04	2.42E-04	6.36E-02	2.83E-02	4.64E-03	3.69E-07	2.32E-04	8.50E-05	1.18E-04	3.33E-02
327	489588.17, 3859621.48	0.041	0.0259	0.0681	0.0694	0.0084	0.0399	0.025	0.0259	5.58E-02	5.09E-03	4.59E-07	4.46E-04	1.71E-04	2.44E-04	6.17E-02	2.71E-02	5.09E-03	4.59E-07	2.17E-04	8.30E-05	1.19E-04	3.27E-02
328	489238.17, 3859671.48	0.0744	0.0143	0.0211	0.4256	0.0083	0.0411	0.0136	0.0143	1.01E-01	2.81E-03	1.42E-07	2.74E-03	1.70E-04	2.52E-04	1.07E-01	4.93E-02	2.81E-03	1.42E-07	1.33E-03	8.27E-05	1.22E-04	5.37E-02
329	489288.17, 3859671.48	0.0623	0.015	0.0227	0.2117	0.0085	0.0402	0.0144	0.015	8.48E-02	2.95E-03	1.53E-07	1.36E-03	1.74E-04	2.46E-04	8.95E-02	4.13E-02	2.95E-03	1.53E-07	6.63E-04	8.45E-05	1.20E-04	4.51E-02
330	489338.17, 3859671.48	0.0547	0.0158	0.0246	0.1408	0.0086	0.0395	0.0152	0.0158	7.45E-02	3.11E-03	1.66E-07	9.06E-04	1.76E-04	2.42E-04	7.89E-02	3.63E-02	3.11E-03	1.66E-07	4.41E-04	8.56E-05	1.18E-04	4.00E-02
331	489388.17, 3859671.48	0.0497	0.0167	0.0273	0.1081	0.0087	0.0389	0.0161	0.0167	6.77E-02	3.30E-03	1.84E-07	6.95E-04	1.77E-04	2.38E-04	7.21E-02	3.30E-02	3.30E-03	1.84E-07	3.38E-04	8.62E-05	1.16E-04	3.68E-02
332	489438.17, 3859671.48	0.0462	0.0178	0.031	0.0901	0.0086	0.0385	0.0171	0.0178	6.28E-02	3.50E-03	2.09E-07	5.79E-04	1.76E-04	2.35E-04	6.73E-02	3.06E-02	3.50E-03	2.09E-07	2.82E-04	8.58E-05	1.15E-04	3.46E-02
333	489488.17, 3859671.48	0.0435	0.019	0.0362	0.0787	0.0086	0.0381	0.0183	0.019	5.92E-02	3.74E-03	2.44E-07	5.06E-04	1.75E-04	2.33E-04	6.39E-02	2.88E-02	3.74E-03	2.44E-07	2.46E-04	8.51E-05	1.14E-04	3.30E-02
334	489538.17, 3859671.48	0.0414	0.0204	0.043	0.0713	0.0084	0.038	0.0197	0.0204	5.64E-02	4.01E-03	2.89E-07	4.59E-04	1.72E-04	2.32E-04	6.13E-02	2.74E-02	4.01E-03	2.89E-07	2.23E-04	8.38E-05	1.13E-04	3.19E-02
335	489588.17, 3859671.48	0.0398	0.022	0.0505	0.0664	0.0083	0.038	0.0213	0.022	5.41E-02	4.34E-03	3.40E-07	4.27E-04	1.69E-04	2.33E-04	5.93E-02	2.63E-02	4.34E-03	3.40E-07	2.08E-04	8.21E-05	1.13E-04	3.11E-02
336	489238.17, 3859721.48	0.0659	0.0131	0.0179	0.4236	0.008	0.0403	0.0126	0.0131	8.97E-02	2.58E-03	1.21E-07	2.72E-03	1.62E-04	2.46E-04	9.54E-02	4.37E-02	2.58E-03	1.21E-07	1.33E-03	7.90E-05	1.20E-04	4.78E-02
337	489288.17, 3859721.48	0.0561	0.0137	0.0192	0.2091	0.0082	0.0393	0.0132	0.0137	7.64E-02	2.71E-03	1.29E-07	1.34E-03	1.67E-04	2.41E-04	8.08E-02	3.72E-02	2.71E-03	1.29E-07	6.55E-04	8.13E-05	1.17E-04	4.07E-02
338	489338.17, 3859721.48	0.0503	0.0144	0.0209	0.1387	0.0083	0.0386	0.0139	0.0144	6.85E-02	2.84E-03	1.41E-07	8.92E-04	1.70E-04	2.36E-04	7.27E-02	3.34E-02	2.84E-03	1.41E-07	4.34E-04	8.28E-05	1.15E-04	3.68E-02
339	489388.17, 3859721.48	0.0466	0.0151	0.0232	0.1063	0.0084	0.0379	0.0146	0.0151	6.34E-02	2.98E-03	1.56E-07	6.84E-04	1.72E-04	2.32E-04	6.74E-02	3.08E-02	2.98E-03	1.56E-07	3.33E-04	8.36E-05	1.13E-04	3.44E-02
340	489438.17, 3859721.48	0.0438	0.016	0.0262	0.0882	0.0084	0.0374	0.0154	0.016	5.96E-02	3.14E-03	1.76E-07	5.67E-04	1.72E-04	2.29E-04	6.37E-02	2.90E-02	3.14E-03	1.76E-07	2.76E-04	8.36E-05	1.11E-04	3.26E-02
341	489488.17, 3859721.48	0.0417	0.0169	0.0302	0.0767	0.0084	0.037	0.0163	0.0169	5.68E-02	3.33E-03	2.04E-07	4.93E-04	1.71E-04	2.26E-04	6.10E-02	2.76E-02	3.33E-03	2.04E-07	2.40E-04	8.34E-05	1.10E-04	3.14E-02
342	489538.17, 3859721.48	0.04	0.018	0.0349	0.0691	0.0083	0.0367	0.0174	0.018	5.44E-02	3.54E-03	2.35E-07	4.44E-04	1.69E-04	2.24E-04	5.88E-02	2.65E-02	3.54E-03	2.35E-07	2.16E-04	8.25E-05	1.09E-04	3.04E-02
343	489588.17, 3859721.48	0.0385	0.0192	0.0389	0.0638	0.0082	0.0365	0.0186	0.0192	5.25E-02	3.78E-03	2.62E-07	4.11E-04	1.67E-04	2.23E-04	5.70E-02	2.55E-02	3.78E-03	2.62E-07	2.00E-04	8.11E-05	1.09E-04	2.97E-02
344	489238.17, 3859771.48	0.0502	0.0122	0.0157	0.4204	0.0076	0.0394	0.0117	0.0122	6.83E-02	2.40E-03	1.05E-07	2.70E-03	1.55E-04	2.41E-04	7.38E-02	3.32E-02	2.40E-03	1.05E-07	1.32E-03	7.53E-05	1.17E-04	3.72E-02
345	489288.17, 3859771.48	0.0477	0.0127	0.0169	0.2068	0.0079	0.0385	0.0122	0.0127	6.49E-02	2.50E-03	1.14E-07	1.33E-03	1.60E-04	2.35E-04	6.91E-02	3.16E-02	2.50E-03	1.14E-07	6.48E-04	7.79E-05	1.15E-04	3.49E-02
346	489338.17, 3859771.48	0.0453	0.0132	0.0184	0.1373	0.008	0.0377	0.0128	0.0132	6.16E-02	2.61E-03	1.24E-07	8.83E-04	1.64E-04	2.31E-04	6.55E-02	3.00E-02	2.61E-03	1.24E-07	4.30E-04	7.97E-05	1.12E-04	3.32E-02
347	489388.17, 3859771.48	0.0433	0.0138	0.0204	0.1048	0.0081	0.037	0.0134	0.0138	5.89E-02	2.72E-03	1.37E-07	6.74E-04	1.66E-04	2.26E-04	6.27E-02	2.87E-02	2.72E-03	1.37E-07	3.28E-04	8.08E-05	1.10E-04	3.19E-02
348	489438.17, 3859771.48	0.0415	0.0145	0.0228	0.0867	0.0082	0.0364	0.014	0.0145	5.65E-02	2.85E-03	1.53E-07	5.57E-04	1.67E-04	2.23E-04	6.03E-02	2.75E-02	2.85E-03	1.53E-07	2.71E-04	8.12E-05	1.09E-04	3.08E-02
349	489488.17, 3859771.48	0.0401	0.0153	0.026	0.0749	0.0082	0.036	0.0148	0.0153	5.45E-02	3.01E-03	1.75E-07	4.81E-04	1.67E-04	2.20E-04	5.84E-02	2.65E-02	3.01E-03	1.75E-07	2.34E-04	8.15E-05	1.07E-04	3.00E-02
350	489538.17, 3859771.48	0.0387	0.0161	0.0292	0.067	0.0082	0.0356	0.0156	0.0161	5.27E-02	3.17E-03	1.96E-07	4.31E-04	1.67E-04	2.18E-04	5.67E-02	2.57E-02	3.17E-03	1.96E-07	2.10E-04	8.11E-05	1.06E-04	2.92E-02
351	489588.17, 3859771.48	0.0376	0.017	0.0308	0.0617	0.0081	0.0353	0.0165	0.017	5.11E-02	3.35E-03	2.07E-07	3.97E-04	1.64E-04	2.16E-04	5.53E-02	2.49E-02	3.35E-03	2.07E-07	1.93E-04	7.99E-05	1.05E-04	2.86E-02
352	489238.17, 3859821.48	0.0447	0.0114	0.0142	0.4185	0.0072	0.0386	0.0109	0.0114	6.08E-02	2.24E-03	9.54E-08	2.69E-03	1.47E-04	2.36E-04	6.61E-02	2.96E-02	2.24E-03	9.54E-08	1.31E-03	7.17E-05	1.15E-04	3.33E-02
353	489288.17, 3859821.48	0.0438	0.0118	0.0153	0.2053	0.0075	0.0377	0.0114	0.0118	5.96E-02	2.32E-03	1.03E-07	1.32E-03	1.53E-04	2.30E-04	6.36E-02	2.90E-02	2.32E-03	1.03E-07	6.43E-04	7.46E-05	1.12E-04	3.22E-02
354	489338.17, 3859821.48	0.0427	0.0123	0.0166	0.1358	0.0077	0.0369	0.0118	0.0123	5.81E-02	2.41E-03	1.12E-07	8.74E-04	1.57E-04	2.26E-04	6.17E-02	2.83E-02	2.41E-03	1.12E-07	4.25E-04	7.65E-05	1.10E-04	3.13E-02
355	489388.17, 3859821.48	0.0415	0.0128	0.0182	0.1034	0.0079	0.0362	0.0123	0.0128	5.65E-02	2.51E-03	1.23E-07	6.65E-04	1.60E-04	2.21E-04	6.01E-02	2.75E-02	2.51E-03	1.23E-07	3.24E-04	7.80E-05	1.08E-04	3.05E-02
356	489438.17, 3859821.48	0.0404	0.0133	0.0204	0.0848	0.008	0.0356	0.0129	0.0133	5.49E-02	2.62E-03	1.38E-07	5.45E-04	1.63E-04	2.18E-04	5.85E-02	2.67E-02	2.62E-03	1.38E-07	2.66E-04	7.91E-05	1.06E-04	2.98E-02
357	489488.17, 3859821.48	0.0392	0.0139	0.0229	0.0731	0.008	0.035	0.0135	0.0139	5.34E-02	2.75E-03	1.54E-07	4.70E-04	1.64E-04	2.14E-04	5.70E-02	2.60E-02	2.75E-03	1.54E-07	2.29E-04	7.96E-05	1.04E-04	2.92E-02
358	489538.17, 3859821.48	0.0381	0.0146	0.0248	0.0652	0.008	0.0346	0.0142	0.0146	5.19E-02	2.88E-03	1.67E-07	4.20E-04	1.63E-04	2.12E-04	5.56E-02	2.53E-02	2.88E-03	1.67E-07	2.04E-04	7.95E-05	1.03E-04	2.85E-02
359	489588.17, 3859821.48	0.0371	0.0153	0.0251	0.0598	0.0079	0.0343	0.0149	0.0153	5.05E-02	3.02E-03	1.69E-07	3.85E-04	1.62E-04	2.10E-04	5.42E-02	2.46E-02	3.02E-03	1.69E-07	1.87E-04	7.87E-05	1.02E-04	2.79E-02
360	489238.17, 3859871.48	0.0455	0.0107	0.0131	0.4155	0.0069	0.0379	0.0103	0.0107	6.20E-02	2.10E-03	8.79E-08	2.67E-03	1.40E-04	2.32E-04	6.71E-02	3.02E-02	2.10E-03	8.79E-08	1.30E-03	6.81E-05	1.13E-04	3.38E-02
361	489288.17, 3859871.48	0.0445	0.011	0.014	0.2047	0.0072	0.0369	0.0106	0.011	6.05E-02	2.17E-03	9.43E-08	1.32E-03	1.46E-04	2.26E-04	6.44E-02	2.95E-02	2.17E-03	9.43E-08	6.41E-04	7.11E-05	1.10E-04	3.25E-02
362	489338.17, 3859871.48	0.0432	0.0114	0.0152	0.1346	0.0074	0.0361	0.011	0.0114	5.89E-02	2.25E-03	1.02E-07	8.66E-04	1.51E-04	2.21E-04	6.24E-02	2.87E-02	2.25E-03	1.02E-07	4.21E-04	7.35E-05	1.08E-04	3.15E-02
363	489388.17, 3859871.48	0.042	0.0119	0.0167	0.1018	0.0076	0.0354	0.0115	0.0119	5.72E-02	2.34E-03	1.13E-07	6.55E-04	1.55E-04	2.17E-04	6.05E-02	2.78E-02	2.34E-03	1.13E-07	3.19E-04	7.54E-05	1.05E-04	3.07E-02
364	489438.17, 3859871.48	0.0408	0.0123	0.0188	0.0829	0.0078	0.0347	0.012	0.0123	5.55E-02	2.43E-03	1.26E-07	5.33E-04	1.58E-04	2.12E-04	5.88E-02	2.70E-02	2.43E-03	1.26E-07	2.59E-04	7.70E-05	1.03E-04	2.99E-02
365	489488.17, 3859871.48	0.0396	0.0128	0.0208	0.0707	0.0079	0.034	0.0124	0.0128	5.39E-02	2.53E-03	1.40E-07	4.55E-04	1.61E-04	2.08E-04	5.72E-02	2.62E-02	2.53E-03	1.40E-07	2.21E-04	7.81E-05	1.01E-04	2.91E-02
366	489538.17, 3859871.48	0.0383	0.0134	0.0213	0.0634	0.0079	0.0336	0.013	0.0134	5.22E-02	2.63E-03	1.44E-07	4.08E-04	1.60E-04	2.06E-04	5.56E-02	2.54E-02	2.63E-03	1.44E-07	1.99E-04	7.79E-05	1.00E-04	2.84E-02
367	489588.17, 3859871.48	0.0372	0.0139	0.021	0.0579	0.0078	0.0333	0.0135	0.0139	5.06E-02	2.74E-03	1.41E-07	3.73E-04	1.59E-04	2.04E-04	5.41E-02	2.46E-02	2.74E-03	1.41E-07	1.81E-04	7.75E-05	9.91E-05	2.77E-02
368	489238.17, 3859921.48	0.052	0.0101	0.0121	0.4089	0.0065	0.0372	0.0097	0.0101	7.08E-02	1.98E-03	8.16E-08	2.63E-03	1.33E-04	2.28E-04	7.58E-02	3.45E-02	1.98E-03	8.16E-08	1.28E-03	6.47E-05	1.11E-04	3.79E-02

369	489288.17, 3859921.48	0.0494	0.0104	0.013	0.2003	0.0069	0.0362	0.01	0.0104	6.72E-02	2.05E-03	8.76E-08	1.29E-03	1.40E-04	2.21E-04	7.09E-02	3.27E-02	2.05E-03	8.76E-08	6.27E-04	6.80E-05	1.08E-04	3.56E-02
370	489338.17, 3859921.48	0.0468	0.0107	0.0142	0.132	0.0071	0.0354	0.0104	0.0107	6.37E-02	2.11E-03	9.54E-08	8.49E-04	1.45E-04	2.16E-04	6.70E-02	3.10E-02	2.11E-03	9.54E-08	4.13E-04	7.06E-05	1.05E-04	3.37E-02
371	489388.17, 3859921.48	0.0445	0.0111	0.0157	0.0994	0.0074	0.0345	0.0108	0.0111	6.06E-02	2.19E-03	1.06E-07	6.39E-04	1.50E-04	2.11E-04	6.38E-02	2.95E-02	2.19E-03	1.06E-07	3.11E-04	7.30E-05	1.03E-04	3.22E-02
372	489438.17, 3859921.48	0.0426	0.0115	0.0176	0.0802	0.0076	0.0337	0.0111	0.0115	5.79E-02	2.26E-03	1.18E-07	5.16E-04	1.54E-04	2.06E-04	6.11E-02	2.82E-02	2.26E-03	1.18E-07	2.51E-04	7.50E-05	1.00E-04	3.09E-02
373	489488.17, 3859921.48	0.0408	0.0119	0.0185	0.0688	0.0077	0.0331	0.0115	0.0119	5.55E-02	2.34E-03	1.24E-07	4.42E-04	1.56E-04	2.03E-04	5.87E-02	2.70E-02	2.34E-03	1.24E-07	2.15E-04	7.60E-05	9.86E-05	2.98E-02
374	489538.17, 3859921.48	0.0392	0.0123	0.0183	0.0614	0.0077	0.0327	0.012	0.0123	5.34E-02	2.42E-03	1.23E-07	3.95E-04	1.57E-04	2.00E-04	5.65E-02	2.60E-02	2.42E-03	1.23E-07	1.92E-04	7.63E-05	9.73E-05	2.88E-02
375	489588.17, 3859921.48	0.0378	0.0127	0.0171	0.0557	0.0077	0.0322	0.0124	0.0127	5.14E-02	2.50E-03	1.15E-07	3.58E-04	1.57E-04	1.97E-04	5.47E-02	2.50E-02	2.50E-03	1.15E-07	1.74E-04	7.64E-05	9.57E-05	2.79E-02
376	489238.17, 3859971.48	0.0672	0.0096	0.0113	0.4014	0.0062	0.0366	0.0092	0.0096	9.15E-02	1.88E-03	7.62E-08	2.58E-03	1.26E-04	2.24E-04	9.63E-02	4.45E-02	1.88E-03	7.62E-08	1.26E-03	6.15E-05	1.09E-04	4.78E-02
377	489288.17, 3859971.48	0.0578	0.0098	0.0122	0.1985	0.0065	0.0356	0.0095	0.0098	7.87E-02	1.93E-03	8.22E-08	1.28E-03	1.33E-04	2.18E-04	8.23E-02	3.83E-02	1.93E-03	8.22E-08	6.21E-04	6.47E-05	1.06E-04	4.10E-02
378	489338.17, 3859971.48	0.052	0.0101	0.0134	0.1297	0.0068	0.0346	0.0098	0.0101	7.08E-02	1.99E-03	9.04E-08	8.34E-04	1.39E-04	2.12E-04	7.40E-02	3.45E-02	1.99E-03	9.04E-08	4.06E-04	6.77E-05	1.03E-04	3.70E-02
379	489388.17, 3859971.48	0.048	0.0104	0.015	0.0967	0.0071	0.0337	0.0101	0.0104	6.53E-02	2.05E-03	1.01E-07	6.22E-04	1.45E-04	2.06E-04	6.83E-02	3.18E-02	2.05E-03	1.01E-07	3.03E-04	7.05E-05	1.00E-04	3.43E-02
380	489438.17, 3859971.48	0.045	0.0107	0.0158	0.0768	0.0073	0.0327	0.0104	0.0107	6.12E-02	2.10E-03	1.06E-07	4.94E-04	1.50E-04	2.00E-04	6.42E-02	2.98E-02	2.10E-03	1.06E-07	2.40E-04	7.29E-05	9.73E-05	3.23E-02
381	489488.17, 3859971.48	0.0426	0.0108	0.0153	0.0637	0.0076	0.0315	0.0106	0.0108	5.81E-02	2.13E-03	1.03E-07	4.10E-04	1.54E-04	1.93E-04	6.09E-02	2.83E-02	2.13E-03	1.03E-07	2.00E-04	7.50E-05	9.39E-05	3.08E-02
382	489538.17, 3859971.48	0.0406	0.011	0.0146	0.056	0.0077	0.0307	0.0108	0.011	5.53E-02	2.16E-03	9.81E-08	3.60E-04	1.56E-04	1.88E-04	5.82E-02	2.69E-02	2.16E-03	9.81E-08	1.75E-04	7.59E-05	9.15E-05	2.94E-02
383	489588.17, 3859971.48	0.0389	0.0112	0.0136	0.0506	0.0077	0.0301	0.0109	0.0112	5.29E-02	2.20E-03	9.18E-08	3.25E-04	1.57E-04	1.84E-04	5.58E-02	2.58E-02	2.20E-03	9.18E-08	1.58E-04	7.63E-05	8.96E-05	2.83E-02
384	483577.7, 3854071	0.0622	0.0232	0.0067	0.1438	0.0039	0.0936	0.0546	0.0232	8.47E-02	4.57E-03	4.50E-08	9.25E-04	7.95E-05	5.73E-04	9.08E-02	4.12E-02	4.57E-03	4.50E-08	4.50E-04	3.87E-05	2.79E-04	4.65E-02
385	483627.7, 3854071	0.054	0.0218	0.0066	0.1192	0.0039	0.0811	0.0497	0.0218	7.35E-02	4.30E-03	4.41E-08	7.67E-04	7.97E-05	4.96E-04	7.91E-02	3.58E-02	4.30E-03	4.41E-08	3.73E-04	3.88E-05	2.42E-04	4.07E-02
386	483677.7, 3854071	0.0485	0.0206	0.0066	0.1015	0.0039	0.0714	0.0456	0.0206	6.60E-02	4.06E-03	4.42E-08	6.53E-04	7.99E-05	4.37E-04	7.12E-02	3.21E-02	4.06E-03	4.42E-08	3.18E-04	3.89E-05	2.12E-04	3.68E-02
387	483727.7, 3854071	0.0445	0.0195	0.0067	0.088	0.0039	0.0635	0.0422	0.0195	6.05E-02	3.84E-03	4.51E-08	5.66E-04	8.02E-05	3.89E-04	6.54E-02	2.95E-02	3.84E-03	4.51E-08	2.76E-04	3.90E-05	1.89E-04	3.38E-02
388	483777.7, 3854071	0.0414	0.0183	0.0068	0.077	0.0039	0.0568	0.0389	0.0183	5.64E-02	3.61E-03	4.61E-08	4.95E-04	8.02E-05	3.47E-04	6.09E-02	2.74E-02	3.61E-03	4.61E-08	2.41E-04	3.90E-05	1.69E-04	3.15E-02
389	483577.7, 3854121	0.0644	0.0234	0.0073	0.195	0.004	0.1163	0.0658	0.0234	8.77E-02	4.61E-03	4.94E-08	1.25E-03	8.10E-05	7.11E-04	9.43E-02	4.27E-02	4.61E-03	4.94E-08	6.10E-04	3.94E-05	3.46E-04	4.83E-02
390	483627.7, 3854121	0.0563	0.0219	0.0072	0.1546	0.004	0.097	0.0586	0.0219	7.66E-02	4.30E-03	4.87E-08	9.94E-04	8.12E-05	5.93E-04	8.26E-02	3.73E-02	4.30E-03	4.87E-08	4.84E-04	3.95E-05	2.89E-04	4.24E-02
391	483677.7, 3854121	0.0509	0.0204	0.0073	0.1267	0.004	0.0826	0.0526	0.0204	6.93E-02	4.02E-03	4.89E-08	8.15E-04	8.14E-05	5.05E-04	7.47E-02	3.37E-02	4.02E-03	4.89E-08	3.97E-04	3.96E-05	2.46E-04	3.84E-02
392	483727.7, 3854121	0.047	0.0191	0.0074	0.1065	0.004	0.0716	0.0476	0.0191	6.40E-02	3.76E-03	4.97E-08	6.85E-04	8.14E-05	4.38E-04	6.90E-02	3.12E-02	3.76E-03	4.97E-08	3.34E-04	3.96E-05	2.13E-04	3.55E-02
393	483777.7, 3854121	0.0439	0.0181	0.0076	0.0923	0.004	0.0636	0.0436	0.0181	5.98E-02	3.56E-03	5.08E-08	5.94E-04	8.12E-05	3.89E-04	6.44E-02	2.91E-02	3.56E-03	5.08E-08	2.89E-04	3.95E-05	1.89E-04	3.32E-02
394	483577.7, 3854171	0.0674	0.0233	0.0081	0.2841	0.0041	0.1532	0.0811	0.0233	9.18E-02	4.58E-03	5.43E-08	1.83E-03	8.26E-05	9.37E-04	9.92E-02	4.47E-02	4.58E-03	5.43E-08	8.89E-04	4.02E-05	4.56E-04	5.06E-02
395	483627.7, 3854171	0.0595	0.0215	0.008	0.2071	0.0041	0.1193	0.07	0.0215	8.09E-02	4.23E-03	5.39E-08	1.33E-03	8.26E-05	7.30E-04	8.73E-02	3.94E-02	4.23E-03	5.39E-08	6.48E-04	4.02E-05	3.55E-04	4.47E-02
396	483677.7, 3854171	0.054	0.0201	0.0081	0.1626	0.0041	0.0982	0.0618	0.0201	7.36E-02	3.96E-03	5.45E-08	1.05E-03	8.28E-05	6.01E-04	7.92E-02	3.58E-02	3.96E-03	5.45E-08	5.09E-04	4.03E-05	2.92E-04	4.06E-02
397	483727.7, 3854171	0.05	0.0189	0.0083	0.1337	0.004	0.0838	0.0553	0.0189	6.81E-02	3.73E-03	5.56E-08	8.60E-04	8.22E-05	5.12E-04	7.32E-02	3.31E-02	3.73E-03	5.56E-08	4.19E-04	4.00E-05	2.49E-04	3.76E-02
398	483777.7, 3854171	0.0468	0.0179	0.0085	0.1126	0.004	0.0727	0.0499	0.0179	6.38E-02	3.52E-03	5.70E-08	7.24E-04	8.22E-05	4.45E-04	6.85E-02	3.10E-02	3.52E-03	5.70E-08	3.52E-04	4.00E-05	2.16E-04	3.52E-02
399	483827.7, 3854171	0.0444	0.0167	0.0088	0.0957	0.004	0.0634	0.045	0.0167	6.04E-02	3.29E-03	5.95E-08	6.16E-04	8.24E-05	3.88E-04	6.48E-02	2.94E-02	3.29E-03	5.95E-08	3.00E-04	4.01E-05	1.89E-04	3.32E-02
400	483877.7, 3854171	0.0421	0.0159	0.0096	0.0841	0.0041	0.057	0.0414	0.0159	5.74E-02	3.14E-03	6.43E-08	5.41E-04	8.28E-05	3.49E-04	6.15E-02	2.79E-02	3.14E-03	6.43E-08	2.63E-04	4.03E-05	1.70E-04	3.15E-02
401	483727.7, 3854221	0.0543	0.0189	0.0094	0.1767	0.0041	0.1025	0.0664	0.0189	7.40E-02	3.72E-03	6.31E-08	1.14E-03	8.34E-05	6.27E-04	7.95E-02	3.60E-02	3.72E-03	6.31E-08	5.53E-04	4.06E-05	3.05E-04	4.06E-02
402	483777.7, 3854221	0.0508	0.0177	0.0097	0.1428	0.0041	0.0861	0.0587	0.0177	6.92E-02	3.49E-03	6.55E-08	9.19E-04	8.34E-05	5.27E-04	7.42E-02	3.37E-02	3.49E-03	6.55E-08	4.47E-04	4.06E-05	2.56E-04	3.79E-02
403	483827.7, 3854221	0.0477	0.017	0.0105	0.1215	0.0041	0.0755	0.0534	0.017	6.50E-02	3.35E-03	7.10E-08	7.81E-04	8.38E-05	4.62E-04	6.96E-02	3.16E-02	3.35E-03	7.10E-08	3.80E-04	4.08E-05	2.25E-04	3.56E-02
404	483877.7, 3854221	0.0454	0.0161	0.0114	0.1034	0.0041	0.066	0.0481	0.0161	6.18E-02	3.16E-03	7.66E-08	6.65E-04	8.40E-05	4.04E-04	6.61E-02	3.01E-02	3.16E-03	7.66E-08	3.24E-04	4.09E-05	1.97E-04	3.38E-02
405	489150.19, 3858726.45	0.0588	0.0497	0.0185	0.4342	0.0162	0.1627	0.0536	0.0497	8.00E-02	9.80E-03	1.25E-07	2.79E-03	3.30E-04	9.95E-04	9.40E-02	3.90E-02	9.80E-03	1.25E-07	1.36E-03	1.61E-04	4.84E-04	5.08E-02
406	489200.19, 3858726.45	0.0561	0.0466	0.0186	0.718	0.0159	0.1339	0.0492	0.0466	7.64E-02	9.17E-03	1.25E-07	4.62E-03	3.25E-04	8.19E-04	9.13E-02	3.72E-02	9.17E-03	1.25E-07	2.25E-03	1.58E-04	3.99E-04	4.91E-02
407	489150.19, 3858776.45	0.0599	0.057	0.0187	0.5782	0.0155	0.2188	0.0622	0.057	8.16E-02	1.12E-02	1.26E-07	3.72E-03	3.15E-04	1.34E-03	9.82E-02	3.97E-02	1.12E-02	1.26E-07	1.81E-03	1.53E-04	6.52E-04	5.35E-02
408	489200.19, 3858776.45	0.0572	0.0527	0.0188	0.8327	0.0152	0.1661	0.0561	0.0527	7.78E-02	1.04E-02	1.26E-07	5.36E-03	3.10E-04	1.02E-03	9.49E-02	3.79E-02	1.04E-02	1.26E-07	2.61E-03	1.51E-04	4.95E-04	5.15E-02
409	488919.6, 3856400.76	0.0266	0.0087	0.0113	0.0214	0.0963	0.018	0.0113	0.0087	3.62E-02	1.70E-03	7.58E-08	1.38E-04	1.96E-03	1.10E-04	4.01E-02	1.76E-02	1.70E-03	7.58E-08	6.69E-05	9.56E-04	5.35E-05	2.04E-02
410	488919.6, 3856450.76	0.0268	0.0088	0.0111	0.0218	0.1104	0.0183	0.0114	0.0088	3.65E-02	1.73E-03	7.45E-08	1.40E-04	2.25E-03	1.12E-04	4.08E-02	1.78E-02	1.73E-03	7.45E-08	6.83E-05	1.10E-03	5.46E-05	2.07E-02
411	488969.6, 3856450.76	0.0265	0.0087	0.0109	0.0215	0.1098	0.0181	0.0113	0.0087	3.61E-02	1.72E-03	7.35E-08	1.38E-04	2.24E-03	1.11E-04	4.03E-02	1.76E-02	1.72E-03	7.35E-08	6.74E-05	1.09E-03	5.40E-05	2.05E-02
412	488919.6, 3856500.76	0.0271	0.009	0.0109	0.0223	0.1267	0.0187	0.0116	0.009	3.69E-02	1.77E-03	7.32E-08	1.43E-04	2.58E-03	1.15E-04	4.15E-02	1.80E-02	1.77E-03	7.32E-08	6.98E-05	1.26E-03	5.58E-05	2.11E-02
413	488969.6, 3856500.76	0.0268	0.0089	0.0107	0.022	0.1254	0.0185	0.0114	0.0089	3.64E-02	1.75E-03	7.23E-08	1.41E-04	2.56E-03	1.13E-04	4.10E-02	1.77E-02	1.75E-03	7.23E-08	6.88E-05	1.25E-03	5.52E-05	2.09E-02
414	488919.6, 3856550.76	0.0273	0.0091	0.0107	0.0228	0.1447	0.0192	0.0118	0.0091	3.72E-02	1.80E-03	7.22E-08	1.46E-04	2.95E-03	1.17E-04	4.22E-02	1.81E-02	1.80E-03	7.22E-08	7.13E-05	1.44E-03	5.71E-05	2.15E-02
415	488969.6, 3856550.76	0.027	0.0091	0.0106	0.0225	0.1427	0.019	0.0116	0.0091	3.68E-02	1.78E-03	7.14E-08	1.44E-04	2.91E-03	1.16E-04	4.17E-02	1.79E-02	1.78E-03	7.14E-08	7.03E-05	1.42E-03	5.65E-05	2.12E-02
416	488819.6, 3856600.76	0.0283	0.0095	0.0108	0.024	0.1711	0.0201	0.0123	0.0095	3.85E-02	1.86E-03	7.29E-08	1.55E-04	3.49E-03	1.23E-04	4.42E-02	1.88E-02	1.86E-03	7.29E-08	7.53E-05	1.70E-03	5.98E-05	2.25E-02
417	488869.6, 3856600.76	0.028	0.0094	0.0107	0.0236	0.1679	0.0198	0.0121	0.0094	3.81E-02	1.85E-03	7.21E-08	1.52E-04	3.42E-03	1.21E-04	4.36E-02	1.85E-02	1.85E-03	7.21E-08	7.40E-05	1.67E-03	5.91E-05	2.22E-02
418	488919.6, 3856600.76	0.0276	0.0093	0.0106	0.0233	0.1647	0.0196	0.012	0.0093	3.76E-02	1.83E-03	7.15E-08	1.50E-04	3.36E-03	1.20E-04	4.30E-02	1.83E-02	1.83E-03	7.15E-08	7.29E-05	1.63E-03	5.85E-05	2.19E-02
419	488819.6, 3856650.76	0.0286	0.0096	0.0107	0.0246	0.1956	0.0206	0.0125	0.0096	3.89E-02	1.90E-03	7.23E-08	1.58E-04	3.99E-03	1.26E-04	4.51E-02	1.89E-02	1.90E-03	7.23E-08	7.70E-05	1.94E-03	6.13E-05	2.29E-02
420	488869.6, 3856650.76	0.0282	0.0096	0.0107	0.0242	0.1908	0.0203	0.0123	0.0096	3.84E-02	1.88E-03	7.17E-08	1.56E-04	3.89E-03	1.24E-04	4.45E-02	1.87E-02	1.88E-03	7.17E-08	7.57E-05	1.89E-03	6.05E-05	2.26E-02
421	488819.6, 3856700.76	0.0289	0.0098	0.0107	0.0252	0.2216	0.0211	0.0127	0.0098	3.93E-02	1.94E-03	7.22E-08	1.62E-04	4.52E-03	1.29E-04	4.61E-02	1.91E-02	1.94E-03	7.22E-08	7.88E-05	2.20E-03	6.29E-05	2.34E-02
422	488869.6, 3856700.76	0.0285	0.0097	0.0107	0.0247	0.215	0.0209	0.0125	0.0097	3.88E-02	1.92E-03	7.18E-08	1.59E-04	4.39E-03	1.28E-04	4.54E-02	1.89E-02	1.92E-03	7.18E-08	7.75E-05	2.13E-03	6.22E-05	2.31E-02
423	488819.6, 3856750.76	0.0292	0.01	0.0108	0.0258	0.2485	0.0217	0.0129	0.01	3.98E-02	1.97E-03	7.25E-08	1.66E-04	5.07E-03	1.33E-04	4.71E-02	1.94E-02	1.97E-03	7.25E-08	8.07E-05	2.47E-03	6.46E-05	2.39E-02
424	488869.6, 3856750.76	0.0288	0.0099	0.0108	0.0253	0.2398	0.0215	0.0127	0.0099	3.92E-02	1.96E-03	7.25E-08	1.63E-04	4.89E-03	1.31E-04	4.64E-02	1.91E-02	1.96E-03	7.25E-08	7.93E-05	2.38E-03	6.39E-05	2.36E-02
425	488819.6, 3857050.76	0.0314	0.0114	0.0125	0.0303	0.398	0.0265	0.0145	0.0114	4.28E-02	2.24E-03	8.42E-08	1.95E-04	8.12E-03	1.62E-04	5.35E-02	2.08E-02	2.24E-03	8.42E-08	9.50E-05	3.95E-03	7.90E-05	2.72E-02
426	488869.6, 3857050.76	0.031	0.0113	0.0127	0.0297	0.3747	0.0261	0.0142	0.0113	4.21E-02	2.22E-03	8.54E-08	1.91E-04	7.64E-03	1.60E-04	5.23E-02	2.05E-02	2.22E-03	8.54E-08	9.31E-05	3.72E-03	7.78E-05	2.66E-02
427	488919.6, 3857050.76	0.0305	0.0112	0.0128	0.0291	0.3537	0.0257	0.0139	0.0112	4.15E-02	2.20E-03	8.64E-08	1.87E-04	7.21E-03	1.57E-04	5.13E-02	2.02E-02	2.20E-03	8.64E-08	9.12E-05	3.51E-03	7.65E-05	2.61E-02
428	488819.6, 3857100.76	0.0319	0.0116	0.0131	0.0313	0.4156	0.0275	0.0148	0.0116	4.34E-02	2.29E-03	8.80E-08	2.01E-04	8.48E-03	1.68E-04	5.46E-02	2.11E-02	2.29E-03	8.80E-08	9.80E-05	4.13E-03	8.18E-05	2.77E-02
429	488869.6, 3857100.76	0.0314	0.0115	0.0132	0.0307	0.3903	0.027	0.0145	0.0115	4.28E-02	2.27E-03	8.90E-08	1.97E-04	7.96E-03	1.65E-04	5.34E-02	2.08E-02	2.27E-03	8.90E-08	9.60E-05	3.87E-03	8.04E-05	2.71E-02
430	488919.6, 3857100.76	0.0309	0.0114	0.0133	0.03	0.367	0.0265	0.0142	0.0114	4.21E-02	2.25E-03	8.98E-08	1.93E-04	7.48E-03	1.62E-04	5.22E-02	2.05E-02	2.25E-03	8.98E-08	9.40E-05	3.64E-03	7.90E-05	2.66E-02

431	488819.6, 3857150.76	0.0324	0.0119	0.0137	0.0323	0.4285	0.0284	0.0151	0.0119	4.41E-02	2.35E-03	9.23E-08	2.08E-04	8.74E-03	1.74E-04	5.56E-02	2.15E-02	2.35E-03	9.23E-08	1.01E-04	4.25E-03	8.47E-05	2.83E-02
432	488869.6, 3857150.76	0.0319	0.0118	0.0138	0.0317	0.401	0.0279	0.0148	0.0118	4.34E-02	2.32E-03	9.29E-08	2.04E-04	8.18E-03	1.71E-04	5.43E-02	2.11E-02	2.32E-03	9.29E-08	9.91E-05	3.98E-03	8.32E-05	2.76E-02
433	488919.6, 3857150.76	0.0314	0.0117	0.0139	0.031	0.3764	0.0275	0.0145	0.0117	4.27E-02	2.30E-03	9.35E-08	1.99E-04	7.68E-03	1.68E-04	5.31E-02	2.08E-02	2.30E-03	9.35E-08	9.71E-05	3.74E-03	8.18E-05	2.70E-02
434	488969.6, 3857150.76	0.0309	0.0116	0.014	0.0304	0.354	0.027	0.0142	0.0116	4.21E-02	2.28E-03	9.41E-08	1.95E-04	7.22E-03	1.65E-04	5.20E-02	2.05E-02	2.28E-03	9.41E-08	9.51E-05	3.51E-03	8.04E-05	2.65E-02
435	488819.6, 3857200.76	0.0329	0.0122	0.0144	0.0335	0.4358	0.0295	0.0155	0.0122	4.48E-02	2.41E-03	9.70E-08	2.15E-04	8.89E-03	1.81E-04	5.65E-02	2.18E-02	2.41E-03	9.70E-08	1.05E-04	4.33E-03	8.79E-05	2.88E-02
436	488869.6, 3857200.76	0.0324	0.0121	0.0145	0.0327	0.4066	0.029	0.0152	0.0121	4.41E-02	2.38E-03	9.74E-08	2.11E-04	8.29E-03	1.77E-04	5.52E-02	2.15E-02	2.38E-03	9.74E-08	1.03E-04	4.04E-03	8.63E-05	2.81E-02
437	488919.6, 3857200.76	0.0319	0.012	0.0146	0.032	0.3807	0.0285	0.0148	0.012	4.34E-02	2.36E-03	9.80E-08	2.06E-04	7.76E-03	1.74E-04	5.39E-02	2.11E-02	2.36E-03	9.80E-08	1.00E-04	3.78E-03	8.48E-05	2.74E-02
438	488969.6, 3857200.76	0.0314	0.0118	0.0147	0.0314	0.3576	0.028	0.0145	0.0118	4.27E-02	2.33E-03	9.87E-08	2.02E-04	7.29E-03	1.71E-04	5.27E-02	2.08E-02	2.33E-03	9.87E-08	9.82E-05	3.55E-03	8.34E-05	2.69E-02
439	488819.6, 3857250.76	0.0335	0.0126	0.0152	0.0347	0.437	0.0307	0.0159	0.0126	4.56E-02	2.47E-03	1.02E-07	2.23E-04	8.91E-03	1.88E-04	5.74E-02	2.22E-02	2.47E-03	1.02E-07	1.09E-04	4.34E-03	9.14E-05	2.92E-02
440	488869.6, 3857250.76	0.033	0.0124	0.0153	0.0339	0.407	0.0301	0.0155	0.0124	4.49E-02	2.44E-03	1.03E-07	2.18E-04	8.30E-03	1.84E-04	5.60E-02	2.18E-02	2.44E-03	1.03E-07	1.06E-04	4.04E-03	8.97E-05	2.85E-02
441	488919.6, 3857250.76	0.0324	0.0123	0.0154	0.0332	0.3802	0.0296	0.0152	0.0123	4.41E-02	2.42E-03	1.04E-07	2.13E-04	7.76E-03	1.81E-04	5.47E-02	2.15E-02	2.42E-03	1.04E-07	1.04E-04	3.77E-03	8.82E-05	2.79E-02
442	488969.6, 3857250.76	0.0319	0.0121	0.0156	0.0324	0.3563	0.0291	0.0149	0.0121	4.34E-02	2.39E-03	1.05E-07	2.09E-04	7.27E-03	1.78E-04	5.35E-02	2.11E-02	2.39E-03	1.05E-07	1.02E-04	3.54E-03	8.68E-05	2.73E-02
443	488819.6, 3857300.76	0.0342	0.0129	0.0163	0.036	0.4311	0.032	0.0163	0.0129	4.65E-02	2.54E-03	1.10E-07	2.31E-04	8.79E-03	1.96E-04	5.83E-02	2.26E-02	2.54E-03	1.10E-07	1.13E-04	4.28E-03	9.53E-05	2.97E-02
444	488869.6, 3857300.76	0.0336	0.0127	0.0165	0.0351	0.401	0.0314	0.0159	0.0127	4.57E-02	2.51E-03	1.11E-07	2.26E-04	8.18E-03	1.92E-04	5.68E-02	2.22E-02	2.51E-03	1.11E-07	1.10E-04	3.98E-03	9.36E-05	2.89E-02
445	488919.6, 3857300.76	0.033	0.0126	0.0166	0.0343	0.374	0.0309	0.0156	0.0126	4.49E-02	2.48E-03	1.12E-07	2.21E-04	7.63E-03	1.89E-04	5.54E-02	2.19E-02	2.48E-03	1.12E-07	1.08E-04	3.71E-03	9.20E-05	2.83E-02
446	488819.6, 3857450.76	0.0364	0.014	0.0224	0.0406	0.3752	0.0371	0.0177	0.014	4.95E-02	2.77E-03	1.51E-07	2.61E-04	7.65E-03	2.27E-04	6.04E-02	2.41E-02	2.77E-03	1.51E-07	1.27E-04	3.72E-03	1.11E-04	3.08E-02
447	488869.6, 3857450.76	0.0357	0.0139	0.0225	0.0395	0.3492	0.0364	0.0172	0.0139	4.86E-02	2.73E-03	1.51E-07	2.54E-04	7.12E-03	2.23E-04	5.89E-02	2.36E-02	2.73E-03	1.51E-07	1.24E-04	3.47E-03	1.08E-04	3.01E-02
448	488919.6, 3857450.76	0.035	0.0137	0.0226	0.0385	0.3255	0.0357	0.0168	0.0137	4.77E-02	2.70E-03	1.52E-07	2.48E-04	6.64E-03	2.18E-04	5.75E-02	2.32E-02	2.70E-03	1.52E-07	1.21E-04	3.23E-03	1.06E-04	2.94E-02
449	488819.6, 3857500.76	0.0373	0.0145	0.0251	0.0424	0.3459	0.0393	0.0182	0.0145	5.07E-02	2.85E-03	1.69E-07	2.73E-04	7.05E-03	2.40E-04	6.11E-02	2.47E-02	2.85E-03	1.69E-07	1.33E-04	3.43E-03	1.17E-04	3.12E-02
450	488869.6, 3857500.76	0.0365	0.0143	0.0251	0.0413	0.3219	0.0384	0.0177	0.0143	4.97E-02	2.81E-03	1.69E-07	2.65E-04	6.57E-03	2.35E-04	5.96E-02	2.42E-02	2.81E-03	1.69E-07	1.29E-04	3.20E-03	1.14E-04	3.04E-02
451	488919.6, 3857500.76	0.0358	0.0141	0.0251	0.0402	0.3006	0.0377	0.0173	0.0141	4.88E-02	2.78E-03	1.69E-07	2.58E-04	6.13E-03	2.30E-04	5.82E-02	2.37E-02	2.78E-03	1.69E-07	1.26E-04	2.98E-03	1.12E-04	2.97E-02
452	488819.6, 3857550.76	0.0382	0.0149	0.0281	0.0444	0.3123	0.0416	0.0188	0.0149	5.20E-02	2.94E-03	1.89E-07	2.86E-04	6.37E-03	2.55E-04	6.19E-02	2.53E-02	2.94E-03	1.89E-07	1.39E-04	3.10E-03	1.24E-04	3.16E-02
453	488869.6, 3857550.76	0.0374	0.0147	0.0279	0.0432	0.2915	0.0407	0.0183	0.0147	5.10E-02	2.90E-03	1.88E-07	2.78E-04	5.94E-03	2.49E-04	6.03E-02	2.48E-02	2.90E-03	1.88E-07	1.35E-04	2.89E-03	1.21E-04	3.09E-02
454	488919.6, 3857550.76	0.0367	0.0145	0.0276	0.042	0.2728	0.0398	0.0178	0.0145	5.00E-02	2.86E-03	1.86E-07	2.70E-04	5.56E-03	2.44E-04	5.89E-02	2.43E-02	2.86E-03	1.86E-07	1.31E-04	2.71E-03	1.19E-04	3.01E-02
455	489663.71, 3860900.05	0.0107	0.0055	0.0037	0.0407	0.0036	0.0145	0.0054	0.0055	1.46E-02	1.08E-03	2.50E-08	2.62E-04	7.34E-05	8.88E-05	1.61E-02	7.09E-03	1.08E-03	2.50E-08	1.27E-04	3.57E-05	4.32E-05	8.38E-03
456	489813.71, 3860900.05	0.0104	0.0058	0.0035	0.0325	0.0041	0.014	0.0057	0.0058	1.42E-02	1.13E-03	2.38E-08	2.09E-04	8.44E-05	8.56E-05	1.57E-02	6.90E-03	1.13E-03	2.38E-08	1.02E-04	4.11E-05	4.17E-05	8.22E-03
457	489863.71, 3860900.05	0.0103	0.0059	0.0034	0.0305	0.0043	0.0138	0.0057	0.0059	1.40E-02	1.15E-03	2.28E-08	1.96E-04	8.69E-05	8.46E-05	1.55E-02	6.82E-03	1.15E-03	2.28E-08	9.56E-05	4.23E-05	4.12E-05	8.15E-03
458	489913.71, 3860900.05	0.0102	0.006	0.0033	0.0289	0.0044	0.0137	0.0058	0.006	1.39E-02	1.17E-03	2.20E-08	1.86E-04	8.95E-05	8.38E-05	1.54E-02	6.75E-03	1.17E-03	2.20E-08	9.06E-05	4.36E-05	4.08E-05	8.10E-03
459	489963.71, 3860900.05	0.0101	0.0061	0.0032	0.0275	0.0045	0.0136	0.0059	0.0061	1.37E-02	1.19E-03	2.13E-08	1.77E-04	9.12E-05	8.29E-05	1.53E-02	6.67E-03	1.19E-03	2.13E-08	8.61E-05	4.44E-05	4.04E-05	8.04E-03
460	490013.71, 3860900.05	0.01	0.0062	0.0031	0.0263	0.0046	0.0135	0.0061	0.0062	1.36E-02	1.21E-03	2.09E-08	1.69E-04	9.28E-05	8.23E-05	1.51E-02	6.61E-03	1.21E-03	2.09E-08	8.23E-05	4.52E-05	4.01E-05	7.99E-03
461	490063.71, 3860900.05	0.0099	0.0063	0.0031	0.0252	0.0046	0.0133	0.0062	0.0063	1.34E-02	1.24E-03	2.06E-08	1.62E-04	9.36E-05	8.16E-05	1.50E-02	6.53E-03	1.24E-03	2.06E-08	7.89E-05	4.56E-05	3.97E-05	7.93E-03
462	489663.71, 3860950.05	0.0096	0.0053	0.0036	0.0405	0.0034	0.0136	0.0053	0.0053	1.31E-02	1.05E-03	2.41E-08	2.61E-04	7.00E-05	8.30E-05	1.45E-02	6.36E-03	1.05E-03	2.41E-08	1.27E-04	3.41E-05	4.04E-05	7.62E-03
463	489813.71, 3860950.05	0.0094	0.0056	0.0034	0.0323	0.004	0.0132	0.0055	0.0056	1.28E-02	1.10E-03	2.28E-08	2.07E-04	8.10E-05	8.05E-05	1.43E-02	6.24E-03	1.10E-03	2.28E-08	1.01E-04	3.94E-05	3.92E-05	7.52E-03
464	489863.71, 3860950.05	0.0093	0.0057	0.0033	0.0303	0.0041	0.013	0.0056	0.0057	1.27E-02	1.12E-03	2.20E-08	1.95E-04	8.38E-05	7.96E-05	1.42E-02	6.19E-03	1.12E-03	2.20E-08	9.49E-05	4.08E-05	3.87E-05	7.48E-03
465	489913.71, 3860950.05	0.0093	0.0058	0.0032	0.0287	0.0042	0.0129	0.0057	0.0058	1.26E-02	1.13E-03	2.12E-08	1.84E-04	8.63E-05	7.90E-05	1.41E-02	6.14E-03	1.13E-03	2.12E-08	8.98E-05	4.20E-05	3.84E-05	7.45E-03
466	489963.71, 3860950.05	0.0092	0.0059	0.003	0.0272	0.0043	0.0128	0.0058	0.0059	1.25E-02	1.15E-03	2.05E-08	1.75E-04	8.83E-05	7.83E-05	1.40E-02	6.09E-03	1.15E-03	2.05E-08	8.53E-05	4.30E-05	3.81E-05	7.41E-03
467	490013.71, 3860950.05	0.0091	0.006	0.003	0.026	0.0044	0.0127	0.0059	0.006	1.24E-02	1.17E-03	2.00E-08	1.67E-04	8.99E-05	7.78E-05	1.39E-02	6.04E-03	1.17E-03	2.00E-08	8.14E-05	4.38E-05	3.79E-05	7.37E-03
468	490063.71, 3860950.05	0.009	0.0061	0.0029	0.0249	0.0045	0.0126	0.006	0.0061	1.23E-02	1.19E-03	1.97E-08	1.60E-04	9.12E-05	7.73E-05	1.38E-02	5.99E-03	1.19E-03	1.97E-08	7.80E-05	4.44E-05	3.76E-05	7.34E-03
469	489513.71, 3861000.05	0.0087	0.005	0.0033	0.0568	0.0027	0.013	0.0049	0.005	1.19E-02	9.87E-04	2.20E-08	3.66E-04	5.40E-05	7.95E-05	1.34E-02	5.79E-03	9.87E-04	2.20E-08	1.78E-04	2.63E-05	3.87E-05	7.02E-03
470	489563.71, 3861000.05	0.0087	0.0051	0.0034	0.0498	0.0029	0.0129	0.005	0.0051	1.19E-02	9.99E-04	2.26E-08	3.20E-04	5.81E-05	7.88E-05	1.33E-02	5.78E-03	9.99E-04	2.26E-08	1.56E-04	2.83E-05	3.84E-05	7.00E-03
471	489613.71, 3861000.05	0.0087	0.0051	0.0034	0.0445	0.0031	0.0128	0.005	0.0051	1.19E-02	1.01E-03	2.30E-08	2.86E-04	6.24E-05	7.81E-05	1.33E-02	5.77E-03	1.01E-03	2.30E-08	1.39E-04	3.04E-05	3.80E-05	6.99E-03
472	489663.71, 3861000.05	0.0087	0.0052	0.0035	0.0404	0.0033	0.0127	0.0051	0.0052	1.18E-02	1.03E-03	2.32E-08	2.60E-04	6.65E-05	7.75E-05	1.32E-02	5.75E-03	1.03E-03	2.32E-08	1.26E-04	3.24E-05	3.77E-05	6.97E-03
473	489713.71, 3861000.05	0.0086	0.0053	0.0034	0.037	0.0035	0.0126	0.0052	0.0053	1.18E-02	1.04E-03	2.30E-08	2.38E-04	7.04E-05	7.68E-05	1.32E-02	5.73E-03	1.04E-03	2.30E-08	1.16E-04	3.42E-05	3.74E-05	6.95E-03
474	489763.71, 3861000.05	0.0086	0.0054	0.0034	0.0343	0.0036	0.0125	0.0053	0.0054	1.17E-02	1.05E-03	2.26E-08	2.21E-04	7.42E-05	7.62E-05	1.31E-02	5.70E-03	1.05E-03	2.26E-08	1.07E-04	3.61E-05	3.71E-05	6.93E-03
475	489813.71, 3861000.05	0.0086	0.0054	0.0033	0.0321	0.0038	0.0124	0.0054	0.0054	1.17E-02	1.07E-03	2.20E-08	2.06E-04	7.77E-05	7.57E-05	1.31E-02	5.67E-03	1.07E-03	2.20E-08	1.00E-04	3.78E-05	3.68E-05	6.92E-03
476	489863.71, 3861000.05	0.0085	0.0055	0.0031	0.0301	0.004	0.0123	0.0054	0.0055	1.16E-02	1.09E-03	2.11E-08	1.94E-04	8.08E-05	7.50E-05	1.30E-02	5.64E-03	1.09E-03	2.11E-08	9.42E-05	3.93E-05	3.65E-05	6.90E-03
477	489913.71, 3861000.05	0.0085	0.0056	0.003	0.0285	0.0041	0.0122	0.0055	0.0056	1.15E-02	1.10E-03	2.04E-08	1.83E-04	8.34E-05	7.45E-05	1.30E-02	5.61E-03	1.10E-03	2.04E-08	8.91E-05	4.06E-05	3.63E-05	6.88E-03
478	489963.71, 3861000.05	0.0084	0.0057	0.0029	0.027	0.0042	0.0121	0.0056	0.0057	1.14E-02	1.12E-03	1.97E-08	1.74E-04	8.55E-05	7.39E-05	1.29E-02	5.57E-03	1.12E-03	1.97E-08	8.46E-05	4.16E-05	3.60E-05	6.85E-03
479	490013.71, 3861000.05	0.0084	0.0058	0.0029	0.0258	0.0043	0.012	0.0057	0.0058	1.14E-02	1.14E-03	1.93E-08	1.66E-04	8.73E-05	7.35E-05	1.28E-02	5.53E-03	1.14E-03	1.93E-08	8.07E-05	4.25E-05	3.58E-05	6.83E-03
480	490063.71, 3861000.05	0.0083	0.0059	0.0028	0.0247	0.0044	0.0119	0.0058	0.0059	1.13E-02	1.16E-03	1.90E-08	1.59E-04	8.87E-05	7.31E-05	1.28E-02	5.50E-03	1.16E-03	1.90E-08	7.72E-05	4.32E-05	3.56E-05	6.81E-03
481	489513.71, 3861050.05	0.0079	0.0049	0.0032	0.0567	0.0025	0.012	0.0048	0.0049	1.08E-02	9.65E-04	2.13E-08	3.65E-04	5.12E-05	7.37E-05	1.22E-02	5.25E-03	9.65E-04	2.13E-08	1.78E-04	2.49E-05	3.59E-05	6.45E-03
482	489563.71, 3861050.05	0.0079	0.005	0.0033	0.0497	0.0027	0.012	0.0049	0.005	1.08E-02	9.75E-04	2.19E-08	3.19E-04	5.51E-05	7.32E-05	1.22E-02	5.25E-03	9.75E-04	2.19E-08	1.56E-04	2.68E-05	3.56E-05	6.44E-03
483	489613.71, 3861050.05	0.0079	0.005	0.0033	0.0444	0.0029	0.0119	0.0049	0.005	1.08E-02	9.89E-04	2.24E-08	2.85E-04	5.91E-05	7.28E-05	1.22E-02	5.25E-03	9.89E-04	2.24E-08	1.39E-04	2.88E-05	3.54E-05	6.44E-03
484	489663.71, 3861050.05	0.0079	0.0051	0.0033	0.0402	0.0031	0.0118	0.005	0.0051	1.08E-02	1.00E-03	2.24E-08	2.59E-04	6.32E-05	7.23E-05	1.22E-02	5.24E-03	1.00E-03	2.24E-08	1.26E-04	3.08E-05	3.52E-05	6.43E-03
485	489713.71, 3861050.05	0.0079	0.0051	0.0033	0.0368	0.0033	0.0117	0.0051	0.0051	1.07E-02	1.01E-03	2.22E-08	2.37E-04	6.71E-05	7.18E-05	1.21E-02	5.22E-03	1.01E-03	2.22E-08	1.15E-04	3.27E-05	3.49E-05	6.42E-03
486	489763.71, 3861050.05	0.0079	0.0052	0.0032	0.0341	0.0035	0.0117	0.0051	0.0052	1.07E-02	1.03E-03	2.18E-08	2.19E-04	7.08E-05	7.13E-05	1.21E-02	5.21E-03	1.03E-03	2.18E-08	1.07E-04	3.44E-05	3.47E-05	6.41E-03
487	489813.71, 3861050.05	0.0078	0.0053	0.0031	0.0319	0.0037	0.0116	0.0052	0.0053	1.07E-02	1.04E-03	2.11E-08	2.05E-04	7.44E-05	7.10E-05	1.21E-02	5.19E-03	1.04E-03	2.11E-08	9.97E-05	3.62E-05	3.45E-05	6.40E-03
488	489863.71, 3861050.05	0.0078	0.0054	0.003	0.0299	0.0038	0.0115	0.0053	0.0054	1.06E-02	1.06E-03	2.04E-08	1.92E-04	7.75E-05	7.05E-05	1.20E-02	5.17E-03	1.06E-03	2.04E-08	9.36E-05	3.77E-05	3.43E-05	6.39E-03
489	489913.71, 3861050.05	0.0078	0.0054	0.0029	0.0282	0.0039	0.0115	0.0054	0.0054	1.06E-02	1.07E-03	1.97E-08	1.82E-04	8.04E-05	7.01E-05	1.20E-02	5.15E-03	1.07E-03	1.97E-08	8.84E-05	3.91E-05	3.41E-05	6.38E-03
490	489963.71, 3861050.05	0.0077	0.0055	0.0028	0.0268	0.0041	0.0114	0.0054	0.0055	1.05E-02	1.09E-03	1.91E-08	1.72E-04	8.28E-05	6.98E-05	1.19E-02	5.12E-03	1.09E-03	1.91E-08	8.39E-05	4.03E-05	3.40E-05	6.37E-03
491	490013.71, 3861050.05	0.0077	0.0056	0.0028	0.0256	0.0042	0.0114	0.0055	0.0056	1.05E-02	1.11E-03	1.87E-08	1.64E-04	8.48E-05	6.94E-05	1.19E-02	5.10E-03	1.11E-03	1.87E-08	8.00E-05	4.13E-05	3.38E-05	6.36E-03
492	490063.71, 3861050.05	0.0077	0.0057	0.0027	0.0245	0.0042	0.0113	0.0056	0.0057	1.04E-02	1.12E-03	1.83E-08	1.57E-04	8.63E-05	6.91E-05	1.19E-02	5.07E-03	1.12E-03	1.83E-08	7.66E-05	4.20E-05	3.36E-05	6.34E-03

493	489513.71, 3861100.05	0.0073	0.0048	0.0031	0.0565	0.0024	0.0112	0.0047	0.0048	9.87E-03	9.44E-04	2.07E-08	3.63E-04	4.85E-05	6.85E-05	1.13E-02	4.80E-03	9.44E-04	2.07E-08	1.77E-04	2.36E-05	3.33E-05	5.98E-03
494	489563.71, 3861100.05	0.0073	0.0048	0.0032	0.0495	0.0026	0.0111	0.0048	0.0048	9.87E-03	9.53E-04	2.12E-08	3.18E-04	5.22E-05	6.80E-05	1.13E-02	4.80E-03	9.53E-04	2.12E-08	1.55E-04	2.54E-05	3.31E-05	5.97E-03
495	489613.71, 3861100.05	0.0073	0.0049	0.0032	0.0441	0.0027	0.011	0.0048	0.0049	9.87E-03	9.63E-04	2.15E-08	2.84E-04	5.59E-05	6.75E-05	1.12E-02	4.80E-03	9.63E-04	2.15E-08	1.38E-04	2.72E-05	3.29E-05	5.97E-03
496	489663.71, 3861100.05	0.0072	0.005	0.0032	0.04	0.0029	0.011	0.0049	0.005	9.86E-03	9.75E-04	2.16E-08	2.57E-04	5.98E-05	6.73E-05	1.12E-02	4.80E-03	9.75E-04	2.16E-08	1.25E-04	2.91E-05	3.28E-05	5.96E-03
497	489713.71, 3861100.05	0.0072	0.005	0.0032	0.0367	0.0031	0.011	0.0049	0.005	9.86E-03	9.87E-04	2.14E-08	2.36E-04	6.36E-05	6.71E-05	1.12E-02	4.80E-03	9.87E-04	2.14E-08	1.15E-04	3.10E-05	3.26E-05	5.96E-03
498	489763.71, 3861100.05	0.0072	0.0051	0.0031	0.0339	0.0033	0.0109	0.005	0.0051	9.83E-03	1.00E-03	2.10E-08	2.18E-04	6.75E-05	6.68E-05	1.12E-02	4.78E-03	1.00E-03	2.10E-08	1.06E-04	3.29E-05	3.25E-05	5.96E-03
499	489813.71, 3861100.05	0.0072	0.0052	0.003	0.0316	0.0035	0.0109	0.0051	0.0052	9.82E-03	1.01E-03	2.04E-08	2.04E-04	7.12E-05	6.66E-05	1.12E-02	4.78E-03	1.01E-03	2.04E-08	9.91E-05	3.46E-05	3.24E-05	5.96E-03
500	489863.71, 3861100.05	0.0072	0.0052	0.0029	0.0297	0.0037	0.0109	0.0052	0.0052	9.79E-03	1.03E-03	1.98E-08	1.91E-04	7.46E-05	6.64E-05	1.11E-02	4.76E-03	1.03E-03	1.98E-08	9.31E-05	3.63E-05	3.23E-05	5.95E-03
501	489913.71, 3861100.05	0.0072	0.0053	0.0028	0.0281	0.0038	0.0108	0.0052	0.0053	9.75E-03	1.04E-03	1.91E-08	1.80E-04	7.73E-05	6.60E-05	1.11E-02	4.74E-03	1.04E-03	1.91E-08	8.78E-05	3.76E-05	3.21E-05	5.94E-03
502	489963.71, 3861100.05	0.0071	0.0054	0.0027	0.0266	0.0039	0.0108	0.0053	0.0054	9.72E-03	1.06E-03	1.85E-08	1.71E-04	7.99E-05	6.58E-05	1.11E-02	4.73E-03	1.06E-03	1.85E-08	8.33E-05	3.89E-05	3.20E-05	5.94E-03
503	490013.71, 3861100.05	0.0071	0.0055	0.0027	0.0253	0.004	0.0107	0.0054	0.0055	9.67E-03	1.07E-03	1.80E-08	1.63E-04	8.20E-05	6.54E-05	1.11E-02	4.71E-03	1.07E-03	1.80E-08	7.93E-05	3.99E-05	3.18E-05	5.93E-03
504	490063.71, 3861100.05	0.0071	0.0055	0.0026	0.0243	0.0041	0.0107	0.0055	0.0055	9.64E-03	1.09E-03	1.77E-08	1.56E-04	8.36E-05	6.52E-05	1.10E-02	4.69E-03	1.09E-03	1.77E-08	7.59E-05	4.07E-05	3.17E-05	5.93E-03
505	489713.71, 3861150.05	0.0067	0.0049	0.0031	0.0365	0.003	0.0103	0.0048	0.0049	9.09E-03	9.63E-04	2.07E-08	2.35E-04	6.06E-05	6.27E-05	1.04E-02	4.43E-03	9.63E-04	2.07E-08	1.14E-04	2.95E-05	3.05E-05	5.56E-03
506	489763.71, 3861150.05	0.0067	0.005	0.003	0.0338	0.0032	0.0102	0.0049	0.005	9.09E-03	9.75E-04	2.03E-08	2.17E-04	6.44E-05	6.26E-05	1.04E-02	4.43E-03	9.75E-04	2.03E-08	1.06E-04	3.14E-05	3.05E-05	5.57E-03
507	489813.71, 3861150.05	0.0067	0.005	0.0029	0.0315	0.0033	0.0102	0.005	0.005	9.08E-03	9.89E-04	1.97E-08	2.02E-04	6.79E-05	6.25E-05	1.04E-02	4.42E-03	9.89E-04	1.97E-08	9.85E-05	3.31E-05	3.04E-05	5.57E-03
508	489863.71, 3861150.05	0.0067	0.0051	0.0028	0.0295	0.0035	0.0102	0.005	0.0051	9.05E-03	1.00E-03	1.91E-08	1.90E-04	7.14E-05	6.23E-05	1.04E-02	4.41E-03	1.00E-03	1.91E-08	9.25E-05	3.47E-05	3.03E-05	5.57E-03
509	489913.71, 3861150.05	0.0066	0.0052	0.0027	0.0279	0.0037	0.0102	0.0051	0.0052	9.04E-03	1.01E-03	1.85E-08	1.79E-04	7.44E-05	6.21E-05	1.04E-02	4.40E-03	1.01E-03	1.85E-08	8.72E-05	3.62E-05	3.02E-05	5.57E-03
510	489963.71, 3861150.05	0.0066	0.0052	0.0027	0.0264	0.0038	0.0101	0.0052	0.0052	9.01E-03	1.03E-03	1.78E-08	1.70E-04	7.69E-05	6.19E-05	1.04E-02	4.39E-03	1.03E-03	1.78E-08	8.27E-05	3.74E-05	3.01E-05	5.57E-03
511	490013.71, 3861150.05	0.0066	0.0053	0.0026	0.0252	0.0039	0.0101	0.0052	0.0053	8.97E-03	1.04E-03	1.74E-08	1.62E-04	7.91E-05	6.17E-05	1.03E-02	4.37E-03	1.04E-03	1.74E-08	7.87E-05	3.85E-05	3.01E-05	5.56E-03
512	490063.71, 3861150.05	0.0066	0.0054	0.0025	0.0241	0.004	0.0101	0.0053	0.0054	8.94E-03	1.06E-03	1.71E-08	1.55E-04	8.12E-05	6.16E-05	1.03E-02	4.35E-03	1.06E-03	1.71E-08	7.53E-05	3.95E-05	3.00E-05	5.56E-03
513	489613.71, 3861200.05	0.0062	0.0047	0.003	0.0438	0.0025	0.0096	0.0046	0.0047	8.44E-03	9.18E-04	2.01E-08	2.82E-04	5.00E-05	5.89E-05	9.75E-03	4.11E-03	9.18E-04	2.01E-08	1.37E-04	2.43E-05	2.87E-05	5.22E-03
514	489663.71, 3861200.05	0.0062	0.0047	0.003	0.0396	0.0026	0.0096	0.0046	0.0047	8.45E-03	9.30E-04	2.02E-08	2.55E-04	5.36E-05	5.88E-05	9.75E-03	4.12E-03	9.30E-04	2.02E-08	1.24E-04	2.61E-05	2.86E-05	5.22E-03
515	489713.71, 3861200.05	0.0062	0.0048	0.003	0.0363	0.0028	0.0096	0.0047	0.0048	8.45E-03	9.40E-04	2.00E-08	2.34E-04	5.75E-05	5.88E-05	9.74E-03	4.12E-03	9.40E-04	2.00E-08	1.14E-04	2.80E-05	2.86E-05	5.23E-03
516	489763.71, 3861200.05	0.0062	0.0048	0.0029	0.0336	0.003	0.0096	0.0048	0.0048	8.45E-03	9.52E-04	1.96E-08	2.16E-04	6.12E-05	5.87E-05	9.74E-03	4.12E-03	9.52E-04	1.96E-08	1.05E-04	2.98E-05	2.86E-05	5.23E-03
517	489813.71, 3861200.05	0.0062	0.0049	0.0028	0.0313	0.0032	0.0096	0.0048	0.0049	8.44E-03	9.63E-04	1.91E-08	2.01E-04	6.49E-05	5.87E-05	9.73E-03	4.11E-03	9.63E-04	1.91E-08	9.80E-05	3.16E-05	2.86E-05	5.23E-03
518	489863.71, 3861200.05	0.0062	0.005	0.0028	0.0294	0.0034	0.0096	0.0049	0.005	8.44E-03	9.77E-04	1.85E-08	1.89E-04	6.83E-05	5.87E-05	9.73E-03	4.11E-03	9.77E-04	1.85E-08	9.20E-05	3.33E-05	2.86E-05	5.24E-03
519	489913.71, 3861200.05	0.0062	0.005	0.0027	0.0277	0.0035	0.0096	0.005	0.005	8.41E-03	9.89E-04	1.79E-08	1.78E-04	7.14E-05	5.86E-05	9.71E-03	4.10E-03	9.89E-04	1.79E-08	8.67E-05	3.47E-05	2.85E-05	5.23E-03
520	489963.71, 3861200.05	0.0062	0.0051	0.0026	0.0263	0.0036	0.0096	0.005	0.0051	8.39E-03	1.00E-03	1.73E-08	1.69E-04	7.42E-05	5.84E-05	9.69E-03	4.08E-03	1.00E-03	1.73E-08	8.22E-05	3.61E-05	2.84E-05	5.23E-03
521	490013.71, 3861200.05	0.0062	0.0052	0.0025	0.025	0.0038	0.0095	0.0051	0.0052	8.37E-03	1.02E-03	1.68E-08	1.61E-04	7.67E-05	5.83E-05	9.69E-03	4.08E-03	1.02E-03	1.68E-08	7.82E-05	3.73E-05	2.84E-05	5.24E-03
522	490063.71, 3861200.05	0.0061	0.0052	0.0025	0.0239	0.0039	0.0095	0.0052	0.0052	8.35E-03	1.03E-03	1.66E-08	1.54E-04	7.85E-05	5.82E-05	9.67E-03	4.06E-03	1.03E-03	1.66E-08	7.47E-05	3.82E-05	2.83E-05	5.24E-03
523	489513.71, 3861250.05	0.0057	0.0045	0.0028	0.0559	0.002	0.009	0.0044	0.0045	7.81E-03	8.79E-04	1.88E-08	3.60E-04	4.06E-05	5.51E-05	9.15E-03	3.80E-03	8.79E-04	1.88E-08	1.75E-04	1.98E-05	2.68E-05	4.90E-03
524	489563.71, 3861250.05	0.0058	0.0045	0.0029	0.049	0.0022	0.009	0.0044	0.0045	7.86E-03	8.88E-04	1.93E-08	3.15E-04	4.38E-05	5.52E-05	9.16E-03	3.82E-03	8.88E-04	1.93E-08	1.53E-04	2.13E-05	2.69E-05	4.91E-03
525	489613.71, 3861250.05	0.0058	0.0046	0.0029	0.0437	0.0023	0.009	0.0045	0.0046	7.88E-03	8.98E-04	1.95E-08	2.81E-04	4.73E-05	5.53E-05	9.16E-03	3.84E-03	8.98E-04	1.95E-08	1.37E-04	2.30E-05	2.69E-05	4.92E-03
526	489663.71, 3861250.05	0.0058	0.0046	0.0029	0.0395	0.0025	0.009	0.0045	0.0046	7.90E-03	9.08E-04	1.95E-08	2.54E-04	5.08E-05	5.53E-05	9.16E-03	3.84E-03	9.08E-04	1.95E-08	1.24E-04	2.47E-05	2.69E-05	4.93E-03
527	489713.71, 3861250.05	0.0058	0.0047	0.0029	0.0362	0.0027	0.009	0.0046	0.0047	7.90E-03	9.18E-04	1.93E-08	2.33E-04	5.45E-05	5.53E-05	9.16E-03	3.84E-03	9.18E-04	1.93E-08	1.13E-04	2.65E-05	2.69E-05	4.93E-03
528	489763.71, 3861250.05	0.0058	0.0047	0.0028	0.0334	0.0029	0.009	0.0047	0.0047	7.90E-03	9.30E-04	1.90E-08	2.15E-04	5.83E-05	5.53E-05	9.15E-03	3.84E-03	9.30E-04	1.90E-08	1.05E-04	2.84E-05	2.69E-05	4.93E-03
529	489813.71, 3861250.05	0.0058	0.0048	0.0027	0.0311	0.003	0.009	0.0047	0.0048	7.90E-03	9.42E-04	1.85E-08	2.00E-04	6.18E-05	5.53E-05	9.16E-03	3.84E-03	9.42E-04	1.85E-08	9.75E-05	3.01E-05	2.69E-05	4.94E-03
530	489863.71, 3861250.05	0.0058	0.0048	0.0027	0.0292	0.0032	0.009	0.0048	0.0048	7.88E-03	9.53E-04	1.79E-08	1.88E-04	6.53E-05	5.53E-05	9.14E-03	3.84E-03	9.53E-04	1.79E-08	9.14E-05	3.18E-05	2.69E-05	4.94E-03
531	489913.71, 3861250.05	0.0058	0.0049	0.0026	0.0275	0.0034	0.009	0.0048	0.0049	7.87E-03	9.65E-04	1.74E-08	1.77E-04	6.85E-05	5.53E-05	9.14E-03	3.83E-03	9.65E-04	1.74E-08	8.62E-05	3.34E-05	2.69E-05	4.94E-03
532	489963.71, 3861250.05	0.0058	0.005	0.0025	0.0261	0.0035	0.009	0.0049	0.005	7.86E-03	9.77E-04	1.68E-08	1.68E-04	7.14E-05	5.53E-05	9.13E-03	3.82E-03	9.77E-04	1.68E-08	8.17E-05	3.47E-05	2.69E-05	4.94E-03
533	490013.71, 3861250.05	0.0058	0.005	0.0024	0.0248	0.0036	0.009	0.005	0.005	7.84E-03	9.91E-04	1.64E-08	1.60E-04	7.40E-05	5.52E-05	9.12E-03	3.82E-03	9.91E-04	1.64E-08	7.77E-05	3.60E-05	2.69E-05	4.95E-03
534	490063.71, 3861250.05	0.0057	0.0051	0.0024	0.0237	0.0037	0.009	0.005	0.0051	7.81E-03	1.00E-03	1.61E-08	1.52E-04	7.61E-05	5.51E-05	9.10E-03	3.80E-03	1.00E-03	1.61E-08	7.42E-05	3.70E-05	2.68E-05	4.95E-03
535	489528.13, 3861308.47	0.0053	0.0044	0.0027	0.0535	0.0019	0.0084	0.0043	0.0044	7.26E-03	8.61E-04	1.83E-08	3.44E-04	3.90E-05	5.13E-05	8.55E-03	3.53E-03	8.61E-04	1.83E-08	1.67E-04	1.90E-05	2.50E-05	4.60E-03
536	489578.13, 3861308.47	0.0054	0.0044	0.0028	0.0471	0.0021	0.0084	0.0043	0.0044	7.30E-03	8.69E-04	1.87E-08	3.03E-04	4.20E-05	5.14E-05	8.56E-03	3.55E-03	8.69E-04	1.87E-08	1.47E-04	2.05E-05	2.50E-05	4.61E-03
537	489628.13, 3861308.47	0.0054	0.0045	0.0028	0.0422	0.0022	0.0084	0.0044	0.0045	7.32E-03	8.79E-04	1.89E-08	2.71E-04	4.53E-05	5.15E-05	8.57E-03	3.57E-03	8.79E-04	1.89E-08	1.32E-04	2.20E-05	2.50E-05	4.62E-03
538	489678.13, 3861308.47	0.0054	0.0045	0.0028	0.0383	0.0024	0.0084	0.0044	0.0045	7.34E-03	8.87E-04	1.88E-08	2.46E-04	4.87E-05	5.16E-05	8.57E-03	3.57E-03	8.87E-04	1.88E-08	1.20E-04	2.37E-05	2.51E-05	4.63E-03
539	489728.13, 3861308.47	0.0054	0.0046	0.0028	0.0351	0.0026	0.0084	0.0045	0.0046	7.34E-03	8.98E-04	1.86E-08	2.26E-04	5.22E-05	5.16E-05	8.57E-03	3.57E-03	8.98E-04	1.86E-08	1.10E-04	2.54E-05	2.51E-05	4.63E-03
540	489778.13, 3861308.47	0.0054	0.0046	0.0027	0.0325	0.0027	0.0084	0.0045	0.0046	7.34E-03	9.08E-04	1.82E-08	2.09E-04	5.59E-05	5.16E-05	8.56E-03	3.57E-03	9.08E-04	1.82E-08	1.02E-04	2.72E-05	2.51E-05	4.63E-03
541	489678.13, 3861358.47	0.0051	0.0044	0.0027	0.0381	0.0023	0.008	0.0043	0.0044	6.92E-03	8.69E-04	1.82E-08	2.45E-04	4.61E-05	4.88E-05	8.13E-03	3.37E-03	8.69E-04	1.82E-08	1.19E-04	2.24E-05	2.37E-05	4.40E-03
542	489728.13, 3861358.47	0.0051	0.0045	0.0027	0.035	0.0024	0.008	0.0044	0.0045	6.93E-03	8.77E-04	1.80E-08	2.25E-04	4.96E-05	4.88E-05	8.13E-03	3.37E-03	8.77E-04	1.80E-08	1.10E-04	2.41E-05	2.38E-05	4.41E-03
543	489528.13, 3861408.47	0.0048	0.0042	0.0026	0.0532	0.0017	0.0076	0.0041	0.0042	6.48E-03	8.25E-04	1.74E-08	3.42E-04	3.51E-05	4.63E-05	7.73E-03	3.15E-03	8.25E-04	1.74E-08	1.66E-04	1.71E-05	2.25E-05	4.19E-03
544	489578.13, 3861408.47	0.0048	0.0042	0.0026	0.0468	0.0018	0.0076	0.0042	0.0042	6.51E-03	8.33E-04	1.76E-08	3.01E-04	3.75E-05	4.63E-05	7.73E-03	3.17E-03	8.33E-04	1.76E-08	1.46E-04	1.83E-05	2.25E-05	4.19E-03
545	489628.13, 3861408.47	0.0048	0.0043	0.0026	0.0419	0.002	0.0076	0.0042	0.0043	6.53E-03	8.41E-04	1.78E-08	2.69E-04	4.06E-05	4.64E-05	7.73E-03	3.18E-03	8.41E-04	1.78E-08	1.31E-04	1.98E-05	2.26E-05	4.20E-03
546	489678.13, 3861408.47	0.0048	0.0043	0.0026	0.038	0.0021	0.0076	0.0042	0.0043	6.56E-03	8.49E-04	1.77E-08	2.44E-04	4.36E-05	4.64E-05	7.75E-03	3.19E-03	8.49E-04	1.77E-08	1.19E-04	2.12E-05	2.26E-05	4.21E-03
547	489728.13, 3861408.47	0.0048	0.0044	0.0026	0.0348	0.0023	0.0076	0.0043	0.0044	6.56E-03	8.59E-04	1.74E-08	2.24E-04	4.69E-05	4.64E-05	7.74E-03	3.19E-03	8.59E-04	1.74E-08	1.09E-04	2.28E-05	2.26E-05	4.21E-03
548	489528.13, 3861458.47	0.0045	0.0041	0.0025	0.0531	0.0016	0.0072	0.004	0.0041	6.15E-03	8.10E-04	1.70E-08	3.41E-04	3.32E-05	4.43E-05	7.38E-03	3.00E-03	8.10E-04	1.70E-08	1.66E-04	1.62E-05	2.16E-05	4.01E-03
549	489578.13, 3861458.47	0.0046	0.0042	0.0026	0.0466	0.0018	0.0072	0.0041	0.0042	6.19E-03	8.18E-04	1.72E-08	3.00E-04	3.57E-05	4.43E-05	7.39E-03	3.02E-03	8.18E-04	1.72E-08	1.46E-04	1.74E-05	2.16E-05	4.02E-03
550	489628.13, 3861458.47	0.0046	0.0042	0.0026	0.0417	0.0019	0.0072	0.0041	0.0042	6.22E-03	8.25E-04	1.73E-08	2.68E-04	3.83E-05	4.43E-05	7.40E-03	3.03E-03	8.25E-04	1.73E-08	1.31E-04	1.87E-05	2.16E-05	4.02E-03
551	489678.13, 3861458.47	0.0046	0.0042	0.0026	0.0379	0.002	0.0072	0.0042	0.0042	6.24E-03	8.33E-04	1.72E-08	2.43E-04	4.14E-05	4.43E-05	7.40E-03	3.04E-03	8.33E-04	1.72E-08	1.19E-04	2.02E-05	2.16E-05	4.03E-03
552	489728.13, 3861458.47	0.0046	0.0043	0.0025	0.0347	0.0022	0.0072	0.0042	0.0043	6.25E-03	8.41E-04	1.69E-08	2.23E-04	4.45E-05	4.42E-05	7.40E-03	3.04E-03	8.41E-04	1.69E-08	1.09E-04	2.16E-05	2.15E-05	4.03E-03
553	489528.13, 3861508.47	0.0043	0.004	0.0025	0.0529	0.0016	0.007	0.0039	0.004	5.87E-03	7.94E-04	1.66E-08	3.40E-04	3.16E-05	4.25E-05	7.08E-03	2.86E-03	7.94E-04	1.66E-08	1.66E-04	1.54E-05	2.07E-05	3.85E-03
554	489578.13, 3861508.47	0.0043	0.0041	0.0025	0.0465	0.0017	0.007	0.004	0.0041	5.91E-03	8.02E-04	1.68E-08	2.99E-04	3.39E-05	4.25E-05	7.09E-03	2.88E-03	8.02E-04	1.68E-08	1.46E-04	1.65E-05	2.07E-05	3.86E-03

555	489628.13, 3861508.47	0.0044	0.0041	0.0025	0.0416	0.0018	0.007	0.004	0.0041	5.92E-03	8.10E-04	1.68E-08	2.67E-04	3.63E-05	4.25E-05	7.08E-03	2.88E-03	8.10E-04	1.68E-08	1.30E-04	1.77E-05	2.07E-05	3.86E-03
556	489678.13, 3861508.47	0.0044	0.0041	0.0025	0.0377	0.0019	0.0069	0.0041	0.0041	5.95E-03	8.16E-04	1.67E-08	2.43E-04	3.92E-05	4.25E-05	7.09E-03	2.90E-03	8.16E-04	1.67E-08	1.18E-04	1.91E-05	2.07E-05	3.87E-03
557	489728.13, 3861508.47	0.0044	0.0042	0.0024	0.0346	0.0021	0.0069	0.0041	0.0042	5.96E-03	8.23E-04	1.64E-08	2.22E-04	4.20E-05	4.24E-05	7.09E-03	2.90E-03	8.23E-04	1.64E-08	1.08E-04	2.05E-05	2.06E-05	3.88E-03
558	489628.13, 3861558.47	0.0042	0.004	0.0024	0.0415	0.0017	0.0067	0.004	0.004	5.68E-03	7.94E-04	1.64E-08	2.67E-04	3.45E-05	4.09E-05	6.81E-03	2.76E-03	7.94E-04	1.64E-08	1.30E-04	1.68E-05	1.99E-05	3.72E-03
559	489678.13, 3861558.47	0.0042	0.0041	0.0024	0.0376	0.0018	0.0067	0.004	0.0041	5.69E-03	8.02E-04	1.63E-08	2.42E-04	3.71E-05	4.10E-05	6.81E-03	2.77E-03	8.02E-04	1.63E-08	1.18E-04	1.81E-05	2.00E-05	3.73E-03
560	489728.13, 3861558.47	0.0042	0.0041	0.0024	0.0345	0.002	0.0067	0.004	0.0041	5.70E-03	8.10E-04	1.60E-08	2.22E-04	4.00E-05	4.09E-05	6.82E-03	2.78E-03	8.10E-04	1.60E-08	1.08E-04	1.95E-05	1.99E-05	3.73E-03
561	489357.08, 3861015.81	0.0084	0.0048	0.0032	0.1084	0.0021	0.013	0.0047	0.0048	1.14E-02	9.46E-04	2.15E-08	6.97E-04	4.22E-05	7.95E-05	1.32E-02	5.57E-03	9.46E-04	2.15E-08	3.39E-04	2.05E-05	3.87E-05	6.91E-03
562	489407.08, 3861015.81	0.0084	0.0049	0.0032	0.0832	0.0022	0.0129	0.0047	0.0049	1.15E-02	9.55E-04	2.13E-08	5.35E-04	4.53E-05	7.88E-05	1.31E-02	5.59E-03	9.55E-04	2.13E-08	2.60E-04	2.20E-05	3.84E-05	6.87E-03
563	489457.08, 3861015.81	0.0085	0.0049	0.0032	0.068	0.0024	0.0128	0.0048	0.0049	1.15E-02	9.65E-04	2.13E-08	4.37E-04	4.87E-05	7.82E-05	1.30E-02	5.61E-03	9.65E-04	2.13E-08	2.13E-04	2.37E-05	3.81E-05	6.85E-03
564	489357.08, 3861065.81	0.0076	0.0047	0.0031	0.1082	0.002	0.0119	0.0046	0.0047	1.03E-02	9.26E-04	2.07E-08	6.96E-04	4.02E-05	7.29E-05	1.21E-02	5.03E-03	9.26E-04	2.07E-08	3.39E-04	1.96E-05	3.55E-05	6.35E-03
565	489407.08, 3861065.81	0.0076	0.0047	0.003	0.0832	0.0021	0.0119	0.0046	0.0047	1.04E-02	9.34E-04	2.05E-08	5.35E-04	4.28E-05	7.25E-05	1.20E-02	5.06E-03	9.34E-04	2.05E-08	2.60E-04	2.08E-05	3.53E-05	6.31E-03
566	489457.08, 3861065.81	0.0077	0.0048	0.0031	0.0679	0.0023	0.0118	0.0047	0.0048	1.04E-02	9.44E-04	2.06E-08	4.37E-04	4.61E-05	7.21E-05	1.19E-02	5.08E-03	9.44E-04	2.06E-08	2.13E-04	2.24E-05	3.51E-05	6.30E-03
567	489357.08, 3861115.81	0.0069	0.0046	0.003	0.1078	0.0019	0.011	0.0045	0.0046	9.42E-03	9.06E-04	1.99E-08	6.94E-04	3.81E-05	6.71E-05	1.11E-02	4.59E-03	9.06E-04	1.99E-08	3.38E-04	1.86E-05	3.27E-05	5.88E-03
568	489407.08, 3861115.81	0.007	0.0046	0.0029	0.083	0.002	0.011	0.0045	0.0046	9.50E-03	9.14E-04	1.98E-08	5.34E-04	4.08E-05	6.70E-05	1.11E-02	4.63E-03	9.14E-04	1.98E-08	2.60E-04	1.99E-05	3.26E-05	5.85E-03
569	489457.08, 3861115.81	0.007	0.0047	0.003	0.0678	0.0021	0.0109	0.0046	0.0047	9.56E-03	9.24E-04	2.00E-08	4.36E-04	4.36E-05	6.69E-05	1.10E-02	4.65E-03	9.24E-04	2.00E-08	2.12E-04	2.12E-05	3.26E-05	5.84E-03
570	489407.08, 3861165.81	0.0064	0.0045	0.0029	0.0825	0.0019	0.0102	0.0044	0.0045	8.74E-03	8.94E-04	1.92E-08	5.30E-04	3.88E-05	6.22E-05	1.03E-02	4.25E-03	8.94E-04	1.92E-08	2.58E-04	1.89E-05	3.03E-05	5.46E-03
571	489457.08, 3861165.81	0.0065	0.0046	0.0029	0.0675	0.002	0.0102	0.0045	0.0046	8.79E-03	9.04E-04	1.94E-08	4.34E-04	4.14E-05	6.21E-05	1.02E-02	4.28E-03	9.04E-04	1.94E-08	2.11E-04	2.02E-05	3.02E-05	5.45E-03
572	489407.08, 3861215.81	0.0059	0.0044	0.0027	0.0826	0.0018	0.0094	0.0043	0.0044	8.09E-03	8.75E-04	1.85E-08	5.32E-04	3.65E-05	5.77E-05	9.59E-03	3.94E-03	8.75E-04	1.85E-08	2.59E-04	1.78E-05	2.81E-05	5.12E-03
573	489457.08, 3861215.81	0.006	0.0045	0.0028	0.0675	0.0019	0.0094	0.0044	0.0045	8.16E-03	8.83E-04	1.87E-08	4.34E-04	3.90E-05	5.78E-05	9.57E-03	3.97E-03	8.83E-04	1.87E-08	2.11E-04	1.90E-05	2.81E-05	5.11E-03
574	489407.08, 3861265.81	0.0055	0.0043	0.0027	0.0821	0.0017	0.0088	0.0042	0.0043	7.54E-03	8.55E-04	1.78E-08	5.28E-04	3.47E-05	5.38E-05	9.01E-03	3.67E-03	8.55E-04	1.78E-08	2.57E-04	1.69E-05	2.62E-05	4.83E-03
575	489457.08, 3861265.81	0.0056	0.0044	0.0027	0.0671	0.0018	0.0088	0.0043	0.0044	7.60E-03	8.63E-04	1.82E-08	4.32E-04	3.69E-05	5.40E-05	8.98E-03	3.70E-03	8.63E-04	1.82E-08	2.10E-04	1.80E-05	2.63E-05	4.82E-03
576	489309.86, 3861110.14	0.0069	0.0046	0.003	0.1519	0.0018	0.0111	0.0044	0.0046	9.43E-03	8.98E-04	2.04E-08	9.77E-04	3.63E-05	6.77E-05	1.14E-02	4.59E-03	8.98E-04	2.04E-08	4.76E-04	1.77E-05	3.30E-05	6.02E-03
577	489407.08, 3861315.81	0.0052	0.0043	0.0026	0.0819	0.0016	0.0083	0.0042	0.0043	7.08E-03	8.37E-04	1.74E-08	5.27E-04	3.30E-05	5.08E-05	8.53E-03	3.45E-03	8.37E-04	1.74E-08	2.56E-04	1.61E-05	2.47E-05	4.58E-03
578	489457.08, 3861315.81	0.0052	0.0043	0.0026	0.067	0.0017	0.0083	0.0042	0.0043	7.13E-03	8.45E-04	1.76E-08	4.31E-04	3.51E-05	5.08E-05	8.50E-03	3.47E-03	8.45E-04	1.76E-08	2.10E-04	1.71E-05	2.47E-05	4.57E-03
579	488906.03, 3861006.75	0.0081	0.0044	0.0041	0.0229	0.0016	0.0139	0.0043	0.0044	1.10E-02	8.73E-04	2.75E-08	1.47E-04	3.34E-05	8.49E-05	1.21E-02	5.34E-03	8.73E-04	2.75E-08	7.16E-05	1.63E-05	4.13E-05	6.34E-03
580	488956.03, 3861006.75	0.0081	0.0045	0.0041	0.0267	0.0017	0.0138	0.0043	0.0045	1.10E-02	8.81E-04	2.74E-08	1.72E-04	3.37E-05	8.46E-05	1.22E-02	5.37E-03	8.81E-04	2.74E-08	8.36E-05	1.64E-05	4.12E-05	6.40E-03
581	488904.24, 3861051.87	0.0073	0.0044	0.0041	0.0217	0.0016	0.0124	0.0042	0.0044	9.97E-03	8.59E-04	2.75E-08	1.39E-04	3.32E-05	7.61E-05	1.11E-02	4.85E-03	8.59E-04	2.75E-08	6.78E-05	1.62E-05	3.70E-05	5.83E-03
582	488954.24, 3861051.87	0.0073	0.0044	0.004	0.0259	0.0016	0.0125	0.0042	0.0044	9.99E-03	8.65E-04	2.67E-08	1.67E-04	3.30E-05	7.63E-05	1.11E-02	4.86E-03	8.65E-04	2.67E-08	8.12E-05	1.61E-05	3.71E-05	5.86E-03
583	489004.24, 3861051.87	0.0074	0.0044	0.0039	0.0309	0.0016	0.0125	0.0043	0.0044	1.01E-02	8.75E-04	2.63E-08	1.99E-04	3.32E-05	7.62E-05	1.13E-02	4.91E-03	8.75E-04	2.63E-08	9.68E-05	1.62E-05	3.71E-05	5.94E-03
584	488804.24, 3861101.87	0.0065	0.0042	0.0039	0.0174	0.0016	0.0114	0.004	0.0042	8.86E-03	8.27E-04	2.61E-08	1.12E-04	3.22E-05	6.96E-05	9.90E-03	4.31E-03	8.27E-04	2.61E-08	5.43E-05	1.57E-05	3.39E-05	5.25E-03
585	488854.24, 3861101.87	0.0066	0.0042	0.0039	0.0192	0.0016	0.0113	0.0041	0.0042	8.93E-03	8.35E-04	2.63E-08	1.24E-04	3.24E-05	6.93E-05	9.99E-03	4.35E-03	8.35E-04	2.63E-08	6.02E-05	1.58E-05	3.37E-05	5.29E-03
586	488904.24, 3861101.87	0.0066	0.0043	0.0038	0.0226	0.0016	0.0113	0.0041	0.0043	8.94E-03	8.39E-04	2.55E-08	1.45E-04	3.20E-05	6.92E-05	1.00E-02	4.35E-03	8.39E-04	2.55E-08	7.06E-05	1.56E-05	3.37E-05	5.31E-03
587	488954.24, 3861101.87	0.0066	0.0043	0.0037	0.0267	0.0016	0.0113	0.0041	0.0043	9.00E-03	8.47E-04	2.48E-08	1.72E-04	3.18E-05	6.90E-05	1.01E-02	4.38E-03	8.47E-04	2.48E-08	8.37E-05	1.55E-05	3.36E-05	5.36E-03
588	489004.24, 3861101.87	0.0067	0.0043	0.0036	0.0329	0.0016	0.0113	0.0042	0.0043	9.07E-03	8.53E-04	2.43E-08	2.12E-04	3.18E-05	6.90E-05	1.02E-02	4.41E-03	8.53E-04	2.43E-08	1.03E-04	1.55E-05	3.36E-05	5.42E-03
589	488804.24, 3861151.87	0.0059	0.0041	0.0036	0.0177	0.0015	0.0104	0.0039	0.0041	8.06E-03	8.10E-04	2.44E-08	1.14E-04	3.10E-05	6.37E-05	9.08E-03	3.92E-03	8.10E-04	2.44E-08	5.53E-05	1.51E-05	3.10E-05	4.83E-03
590	488854.24, 3861151.87	0.006	0.0041	0.0036	0.0198	0.0015	0.0104	0.004	0.0041	8.10E-03	8.16E-04	2.43E-08	1.27E-04	3.10E-05	6.34E-05	9.14E-03	3.94E-03	8.16E-04	2.43E-08	6.20E-05	1.51E-05	3.09E-05	4.87E-03
591	489129.49, 3861187.55	0.0059	0.0043	0.0031	0.0898	0.0015	0.0098	0.0041	0.0043	8.03E-03	8.41E-04	2.11E-08	5.78E-04	3.06E-05	5.97E-05	9.54E-03	3.91E-03	8.41E-04	2.11E-08	2.81E-04	1.49E-05	2.90E-05	5.08E-03
592	489179.49, 3861187.55	0.006	0.0043	0.003	0.2435	0.0015	0.0098	0.0042	0.0043	8.10E-03	8.49E-04	2.05E-08	1.57E-03	3.10E-05	5.97E-05	1.06E-02	3.94E-03	8.49E-04	2.05E-08	7.62E-04	1.51E-05	2.90E-05	5.60E-03
593	488804.24, 3861201.87	0.0055	0.004	0.0035	0.0175	0.0015	0.0097	0.0039	0.004	7.46E-03	7.94E-04	2.35E-08	1.13E-04	3.04E-05	5.91E-05	8.46E-03	3.63E-03	7.94E-04	2.35E-08	5.49E-05	1.48E-05	2.88E-05	4.52E-03
594	488854.24, 3861201.87	0.0055	0.0041	0.0035	0.0197	0.0015	0.0096	0.0039	0.0041	7.49E-03	8.00E-04	2.32E-08	1.27E-04	3.04E-05	5.88E-05	8.50E-03	3.64E-03	8.00E-04	2.32E-08	6.17E-05	1.48E-05	2.86E-05	4.55E-03
595	489129.49, 3861237.55	0.0055	0.0042	0.003	0.0894	0.0015	0.0091	0.0041	0.0042	7.47E-03	8.25E-04	2.03E-08	5.75E-04	2.98E-05	5.59E-05	8.96E-03	3.64E-03	8.25E-04	2.03E-08	2.80E-04	1.45E-05	2.72E-05	4.79E-03
596	489179.49, 3861237.55	0.0055	0.0042	0.0029	0.2461	0.0015	0.0091	0.0041	0.0042	7.54E-03	8.31E-04	1.97E-08	1.58E-03	3.00E-05	5.57E-05	1.00E-02	3.67E-03	8.31E-04	1.97E-08	7.71E-04	1.46E-05	2.71E-05	5.31E-03
597	488804.24, 3861251.87	0.0051	0.004	0.0034	0.0174	0.0015	0.009	0.0038	0.004	6.94E-03	7.80E-04	2.26E-08	1.12E-04	2.98E-05	5.53E-05	7.92E-03	3.38E-03	7.80E-04	2.26E-08	5.45E-05	1.45E-05	2.69E-05	4.26E-03
598	488854.24, 3861251.87	0.0051	0.004	0.0033	0.0196	0.0015	0.009	0.0038	0.004	6.98E-03	7.84E-04	2.23E-08	1.26E-04	2.98E-05	5.51E-05	7.98E-03	3.40E-03	7.84E-04	2.23E-08	6.14E-05	1.45E-05	2.68E-05	4.29E-03
599	488804.24, 3861301.87	0.0048	0.0039	0.0032	0.0173	0.0014	0.0085	0.0037	0.0039	6.51E-03	7.64E-04	2.17E-08	1.11E-04	2.92E-05	5.18E-05	7.46E-03	3.17E-03	7.64E-04	2.17E-08	5.42E-05	1.42E-05	2.52E-05	4.03E-03
600	488854.24, 3861301.87	0.0048	0.0039	0.0032	0.0195	0.0014	0.0085	0.0038	0.0039	6.55E-03	7.70E-04	2.14E-08	1.25E-04	2.92E-05	5.18E-05	7.53E-03	3.19E-03	7.70E-04	2.14E-08	6.11E-05	1.42E-05	2.52E-05	4.06E-03
601	490943.5, 3860181.97	0.0201	0.0313	0.0083	0.0358	0.0044	0.0296	0.0312	0.0313	2.74E-02	6.17E-03	5.61E-08	2.30E-04	9.01E-05	1.81E-04	3.40E-02	1.33E-02	6.17E-03	5.61E-08	1.12E-04	4.39E-05	8.82E-05	1.97E-02
602	490993.5, 3860181.97	0.0205	0.0353	0.0084	0.0367	0.0044	0.0304	0.0353	0.0353	2.80E-02	6.96E-03	5.63E-08	2.36E-04	9.06E-05	1.86E-04	3.54E-02	1.36E-02	6.96E-03	5.63E-08	1.15E-04	4.41E-05	9.05E-05	2.08E-02
603	491043.5, 3860181.97	0.0213	0.0408	0.0084	0.0378	0.0045	0.0313	0.041	0.0408	2.90E-02	8.03E-03	5.66E-08	2.43E-04	9.08E-05	1.92E-04	3.75E-02	1.41E-02	8.03E-03	5.66E-08	1.18E-04	4.42E-05	9.32E-05	2.24E-02
604	491093.5, 3860181.97	0.0226	0.0486	0.0085	0.0388	0.0045	0.0323	0.0492	0.0486	3.07E-02	9.57E-03	5.70E-08	2.50E-04	9.08E-05	1.97E-04	4.08E-02	1.50E-02	9.57E-03	5.70E-08	1.22E-04	4.42E-05	9.61E-05	2.48E-02
605	490943.5, 3860231.97	0.0187	0.0264	0.0076	0.0318	0.0043	0.0268	0.0263	0.0264	2.55E-02	5.21E-03	5.11E-08	2.05E-04	8.73E-05	1.64E-04	3.11E-02	1.24E-02	5.21E-03	5.11E-08	9.96E-05	4.25E-05	7.97E-05	1.78E-02
606	490993.5, 3860231.97	0.019	0.0294	0.0076	0.0325	0.0043	0.0274	0.0293	0.0294	2.58E-02	5.79E-03	5.13E-08	2.09E-04	8.79E-05	1.67E-04	3.21E-02	1.26E-02	5.79E-03	5.13E-08	1.02E-04	4.28E-05	8.15E-05	1.86E-02
607	491043.5, 3860231.97	0.0194	0.033	0.0076	0.0329	0.0043	0.0279	0.033	0.033	2.64E-02	6.50E-03	5.13E-08	2.12E-04	8.79E-05	1.71E-04	3.33E-02	1.28E-02	6.50E-03	5.13E-08	1.03E-04	4.28E-05	8.31E-05	1.96E-02
608	491093.5, 3860231.97	0.0201	0.0378	0.0076	0.0335	0.0043	0.0285	0.038	0.0378	2.74E-02	7.45E-03	5.14E-08	2.15E-04	8.79E-05	1.74E-04	3.53E-02	1.33E-02	7.45E-03	5.14E-08	1.05E-04	4.28E-05	8.49E-05	2.10E-02
609	490943.5, 3860281.97	0.0175	0.023	0.007	0.0287	0.0041	0.0245	0.0227	0.023	2.39E-02	4.52E-03	4.71E-08	1.85E-04	8.44E-05	1.50E-04	2.88E-02	1.16E-02	4.52E-03	4.71E-08	9.00E-05	4.11E-05	7.31E-05	1.63E-02
610	490993.5, 3860281.97	0.0176	0.0251	0.007	0.0291	0.0042	0.025	0.025	0.0251	2.40E-02	4.95E-03	4.71E-08	1.87E-04	8.48E-05	1.53E-04	2.94E-02	1.17E-02	4.95E-03	4.71E-08	9.11E-05	4.13E-05	7.43E-05	1.68E-02
611	491043.5, 3860281.97	0.0178	0.0277	0.007	0.0294	0.0042	0.0253	0.0276	0.0277	2.43E-02	5.46E-03	4.70E-08	1.89E-04	8.53E-05	1.55E-04	3.02E-02	1.18E-02	5.46E-03	4.70E-08	9.20E-05	4.15E-05	7.54E-05	1.75E-02
612	491093.5, 3860281.97	0.0182	0.0311	0.007	0.0297	0.0042	0.0258	0.031	0.0311	2.48E-02	6.12E-03	4.70E-08	1.91E-04	8.55E-05	1.58E-04	3.13E-02	1.21E-02	6.12E-03	4.70E-08	9.29E-05	4.16E-05	7.67E-05	1.84E-02
613	490943.5, 3860331.97	0.0165	0.0203	0.0065	0.0264	0.004	0.0228	0.0201	0.0203	2.24E-02	4.00E-03	4.39E-08	1.70E-04	8.18E-05	1.39E-04	2.68E-02	1.09E-02	4.00E-03	4.39E-08	8.26E-05	3.98E-05	6.78E-05	1.51E-02
614	490993.5, 3860331.97	0.0164	0.0219	0.0065	0.0265	0.004	0.023	0.0217	0.0219	2.24E-02	4.32E-03	4.35E-08	1.70E-04	8.20E-05	1.40E-04	2.71E-02	1.09E-02	4.32E-03	4.35E-08	8.28E-05	3.99E-05	6.84E-05	1.54E-02
615	491043.5, 3860331.97	0.0165	0.0239	0.0064	0.0266	0.004	0.0232	0.0237	0.0239	2.25E-02	4.70E-03	4.33E-08	1.71E-04	8.22E-05	1.42E-04	2.76E-02	1.09E-02	4.70E-03	4.33E-08	8.32E-05	4.00E-05	6.92E-05	1.58E-02
616	491093.5, 3860331.97	0.0167	0.0263	0.0064	0.0267	0.0041	0.0235	0.0261	0.0263	2.27E-02	5.19E-03	4.32E-08	1.72E-04	8.26E-05	1.44E-04	2.83E-02	1.10E-02	5.19E-03	4.32E-08	8.37E-05	4.02E-05	7.01E-05	1.64E-02

617	490086.72, 3859935.12	0.0282	0.0202	0.0169	0.0416	0.0059	0.0316	0.0198	0.0202	3.84E-02	3.97E-03	1.14E-07	2.68E-04	1.20E-04	1.93E-04	4.29E-02	1.87E-02	3.97E-03	1.14E-07	1.30E-04	5.82E-05	9.42E-05	2.29E-02
618	490136.72, 3859935.12	0.0276	0.0215	0.0168	0.0418	0.0057	0.032	0.0211	0.0215	3.76E-02	4.23E-03	1.13E-07	2.69E-04	1.16E-04	1.95E-04	4.24E-02	1.83E-02	4.23E-03	1.13E-07	1.31E-04	5.66E-05	9.52E-05	2.28E-02
619	490186.72, 3859935.12	0.0271	0.0229	0.0167	0.0422	0.0056	0.0324	0.0225	0.0229	3.69E-02	4.51E-03	1.12E-07	2.72E-04	1.13E-04	1.98E-04	4.20E-02	1.80E-02	4.51E-03	1.12E-07	1.32E-04	5.51E-05	9.66E-05	2.28E-02
620	490236.72, 3859935.12	0.0267	0.0246	0.0165	0.0429	0.0054	0.033	0.0241	0.0246	3.64E-02	4.84E-03	1.11E-07	2.76E-04	1.11E-04	2.02E-04	4.18E-02	1.77E-02	4.84E-03	1.11E-07	1.34E-04	5.40E-05	9.83E-05	2.28E-02
621	490286.72, 3859935.12	0.0263	0.0265	0.0163	0.0438	0.0053	0.0337	0.026	0.0265	3.58E-02	5.22E-03	1.10E-07	2.81E-04	1.09E-04	2.06E-04	4.17E-02	1.74E-02	5.22E-03	1.10E-07	1.37E-04	5.30E-05	1.00E-04	2.30E-02
622	490336.72, 3859935.12	0.026	0.0287	0.016	0.0449	0.0053	0.0347	0.0282	0.0287	3.54E-02	5.65E-03	1.08E-07	2.89E-04	1.07E-04	2.12E-04	4.17E-02	1.72E-02	5.65E-03	1.08E-07	1.41E-04	5.22E-05	1.03E-04	2.32E-02
623	490386.72, 3859935.12	0.0258	0.0314	0.0157	0.0464	0.0052	0.0358	0.0308	0.0314	3.51E-02	6.18E-03	1.06E-07	2.99E-04	1.06E-04	2.19E-04	4.19E-02	1.71E-02	6.18E-03	1.06E-07	1.45E-04	5.17E-05	1.07E-04	2.36E-02
624	490436.72, 3859935.12	0.0257	0.0346	0.0154	0.0483	0.0052	0.0372	0.0339	0.0346	3.49E-02	6.81E-03	1.04E-07	3.11E-04	1.06E-04	2.28E-04	4.24E-02	1.70E-02	6.81E-03	1.04E-07	1.51E-04	5.14E-05	1.11E-04	2.41E-02
625	490486.72, 3859935.12	0.0256	0.0386	0.0153	0.0508	0.0052	0.039	0.0378	0.0386	3.49E-02	7.60E-03	1.03E-07	3.26E-04	1.05E-04	2.39E-04	4.31E-02	1.70E-02	7.60E-03	1.03E-07	1.59E-04	5.12E-05	1.16E-04	2.49E-02
626	490536.72, 3859935.12	0.0258	0.044	0.0154	0.0541	0.0052	0.0414	0.0431	0.044	3.51E-02	8.67E-03	1.03E-07	3.48E-04	1.05E-04	2.53E-04	4.45E-02	1.71E-02	8.67E-03	1.03E-07	1.69E-04	5.13E-05	1.23E-04	2.61E-02
627	490586.72, 3859935.12	0.0261	0.0513	0.0156	0.0585	0.0052	0.0446	0.05	0.0513	3.55E-02	1.01E-02	1.05E-07	3.76E-04	1.06E-04	2.73E-04	4.64E-02	1.73E-02	1.01E-02	1.05E-07	1.83E-04	5.16E-05	1.33E-04	2.78E-02
628	490636.72, 3859935.12	0.0267	0.0607	0.0158	0.0637	0.0052	0.0485	0.059	0.0607	3.63E-02	1.20E-02	1.06E-07	4.09E-04	1.06E-04	2.96E-04	4.91E-02	1.77E-02	1.20E-02	1.06E-07	1.99E-04	5.18E-05	1.44E-04	3.00E-02
629	490686.72, 3859935.12	0.0277	0.0753	0.0162	0.0711	0.0053	0.0541	0.0726	0.0753	3.77E-02	1.48E-02	1.09E-07	4.57E-04	1.07E-04	3.31E-04	5.34E-02	1.83E-02	1.48E-02	1.09E-07	2.23E-04	5.22E-05	1.61E-04	3.36E-02
630	490736.72, 3859935.12	0.0294	0.0963	0.0165	0.0803	0.0053	0.0614	0.0919	0.0963	4.00E-02	1.90E-02	1.11E-07	5.17E-04	1.08E-04	3.76E-04	5.99E-02	1.94E-02	1.90E-02	1.11E-07	2.52E-04	5.25E-05	1.83E-04	3.89E-02
631	490086.72, 3859985.12	0.0276	0.0177	0.0145	0.0393	0.0058	0.0301	0.0174	0.0177	3.76E-02	3.49E-03	9.73E-08	2.53E-04	1.19E-04	1.84E-04	4.17E-02	1.83E-02	3.49E-03	9.73E-08	1.23E-04	5.79E-05	8.96E-05	2.21E-02
632	490136.72, 3859985.12	0.027	0.0187	0.0145	0.0392	0.0057	0.0302	0.0183	0.0187	3.68E-02	3.67E-03	9.77E-08	2.52E-04	1.15E-04	1.85E-04	4.10E-02	1.79E-02	3.67E-03	9.77E-08	1.23E-04	5.61E-05	9.01E-05	2.18E-02
633	490186.72, 3859985.12	0.0265	0.0197	0.0145	0.0393	0.0055	0.0305	0.0194	0.0197	3.60E-02	3.89E-03	9.74E-08	2.53E-04	1.12E-04	1.87E-04	4.05E-02	1.75E-02	3.89E-03	9.74E-08	1.23E-04	5.46E-05	9.09E-05	2.17E-02
634	490236.72, 3859985.12	0.026	0.021	0.0144	0.0397	0.0054	0.0309	0.0206	0.021	3.54E-02	4.13E-03	9.68E-08	2.55E-04	1.10E-04	1.89E-04	4.01E-02	1.72E-02	4.13E-03	9.68E-08	1.24E-04	5.33E-05	9.21E-05	2.16E-02
635	490286.72, 3859985.12	0.0255	0.0223	0.0143	0.0402	0.0053	0.0314	0.0219	0.0223	3.48E-02	4.39E-03	9.60E-08	2.59E-04	1.07E-04	1.92E-04	3.97E-02	1.69E-02	4.39E-03	9.60E-08	1.26E-04	5.21E-05	9.35E-05	2.16E-02
636	490336.72, 3859985.12	0.0251	0.0238	0.0141	0.0409	0.0052	0.032	0.0234	0.0238	3.42E-02	4.69E-03	9.49E-08	2.63E-04	1.05E-04	1.96E-04	3.95E-02	1.67E-02	4.69E-03	9.49E-08	1.28E-04	5.12E-05	9.52E-05	2.16E-02
637	490386.72, 3859985.12	0.0248	0.0255	0.0138	0.0417	0.0051	0.0327	0.025	0.0255	3.38E-02	5.02E-03	9.32E-08	2.68E-04	1.04E-04	2.00E-04	3.94E-02	1.64E-02	5.02E-03	9.32E-08	1.31E-04	5.04E-05	9.72E-05	2.17E-02
638	490436.72, 3859985.12	0.0245	0.0275	0.0136	0.0428	0.005	0.0336	0.027	0.0275	3.34E-02	5.42E-03	9.14E-08	2.76E-04	1.03E-04	2.05E-04	3.94E-02	1.63E-02	5.42E-03	9.14E-08	1.34E-04	4.99E-05	9.99E-05	2.20E-02
639	490486.72, 3859985.12	0.0244	0.03	0.0134	0.0443	0.005	0.0347	0.0294	0.03	3.32E-02	5.90E-03	9.00E-08	2.85E-04	1.02E-04	2.12E-04	3.97E-02	1.62E-02	5.90E-03	9.00E-08	1.39E-04	4.96E-05	1.03E-04	2.23E-02
640	490536.72, 3859985.12	0.0243	0.033	0.0133	0.0463	0.005	0.0361	0.0323	0.033	3.31E-02	6.50E-03	8.93E-08	2.98E-04	1.02E-04	2.21E-04	4.02E-02	1.61E-02	6.50E-03	8.93E-08	1.45E-04	4.96E-05	1.08E-04	2.29E-02
641	490586.72, 3859985.12	0.0244	0.0368	0.0133	0.0488	0.005	0.0379	0.036	0.0368	3.32E-02	7.25E-03	8.94E-08	3.14E-04	1.02E-04	2.32E-04	4.11E-02	1.62E-02	7.25E-03	8.94E-08	1.53E-04	4.97E-05	1.13E-04	2.37E-02
642	490636.72, 3859985.12	0.0246	0.0417	0.0134	0.0519	0.005	0.0402	0.0407	0.0417	3.35E-02	8.21E-03	9.00E-08	3.34E-04	1.03E-04	2.46E-04	4.24E-02	1.63E-02	8.21E-03	9.00E-08	1.62E-04	4.99E-05	1.20E-04	2.49E-02
643	490686.72, 3859985.12	0.0252	0.0483	0.0136	0.056	0.0051	0.0432	0.047	0.0483	3.42E-02	9.51E-03	9.16E-08	3.60E-04	1.03E-04	2.65E-04	4.45E-02	1.67E-02	9.51E-03	9.16E-08	1.75E-04	5.03E-05	1.29E-04	2.65E-02
644	490736.72, 3859985.12	0.026	0.0565	0.0138	0.0604	0.0051	0.0466	0.0548	0.0565	3.53E-02	1.11E-02	9.27E-08	3.88E-04	1.04E-04	2.85E-04	4.72E-02	1.72E-02	1.11E-02	9.27E-08	1.89E-04	5.05E-05	1.39E-04	2.87E-02
645	490786.72, 3859985.12	0.0275	0.068	0.014	0.0657	0.0051	0.0507	0.0655	0.068	3.74E-02	1.34E-02	9.40E-08	4.22E-04	1.04E-04	3.10E-04	5.16E-02	1.82E-02	1.34E-02	9.40E-08	2.06E-04	5.07E-05	1.51E-04	3.20E-02
646	490086.72, 3860035.12	0.0271	0.0158	0.0125	0.0374	0.0058	0.0288	0.0155	0.0158	3.69E-02	3.12E-03	8.42E-08	2.41E-04	1.18E-04	1.76E-04	4.05E-02	1.80E-02	3.12E-03	8.42E-08	1.17E-04	5.76E-05	8.58E-05	2.13E-02
647	490136.72, 3860035.12	0.0264	0.0166	0.0127	0.0371	0.0056	0.0289	0.0162	0.0166	3.60E-02	3.26E-03	8.54E-08	2.39E-04	1.15E-04	1.77E-04	3.98E-02	1.75E-02	3.26E-03	8.54E-08	1.16E-04	5.58E-05	8.60E-05	2.10E-02
648	490186.72, 3860035.12	0.0258	0.0174	0.0127	0.037	0.0055	0.029	0.0171	0.0174	3.52E-02	3.43E-03	8.54E-08	2.38E-04	1.11E-04	1.77E-04	3.91E-02	1.71E-02	3.43E-03	8.54E-08	1.16E-04	5.41E-05	8.63E-05	2.08E-02
649	490236.72, 3860035.12	0.0253	0.0183	0.0126	0.0371	0.0053	0.0292	0.0179	0.0183	3.44E-02	3.61E-03	8.50E-08	2.38E-04	1.08E-04	1.79E-04	3.86E-02	1.68E-02	3.61E-03	8.50E-08	1.16E-04	5.26E-05	8.69E-05	2.06E-02
650	490286.72, 3860035.12	0.0248	0.0193	0.0125	0.0373	0.0052	0.0295	0.0189	0.0193	3.38E-02	3.80E-03	8.44E-08	2.40E-04	1.05E-04	1.80E-04	3.81E-02	1.64E-02	3.80E-03	8.44E-08	1.17E-04	5.13E-05	8.77E-05	2.05E-02
651	490336.72, 3860035.12	0.0244	0.0204	0.0125	0.0377	0.0051	0.0299	0.02	0.0204	3.32E-02	4.02E-03	8.40E-08	2.42E-04	1.03E-04	1.83E-04	3.77E-02	1.61E-02	4.02E-03	8.40E-08	1.18E-04	5.03E-05	8.89E-05	2.04E-02
652	490386.72, 3860035.12	0.024	0.0216	0.0123	0.0381	0.005	0.0303	0.0212	0.0216	3.26E-02	4.26E-03	8.30E-08	2.45E-04	1.02E-04	1.85E-04	3.74E-02	1.59E-02	4.26E-03	8.30E-08	1.19E-04	4.94E-05	9.02E-05	2.04E-02
653	490436.72, 3860035.12	0.0236	0.023	0.0121	0.0388	0.0049	0.0308	0.0226	0.023	3.22E-02	4.53E-03	8.17E-08	2.49E-04	1.00E-04	1.89E-04	3.73E-02	1.57E-02	4.53E-03	8.17E-08	1.21E-04	4.87E-05	9.18E-05	2.05E-02
654	490486.72, 3860035.12	0.0234	0.0247	0.0119	0.0397	0.0049	0.0315	0.0241	0.0247	3.18E-02	4.86E-03	8.04E-08	2.55E-04	9.91E-05	1.93E-04	3.72E-02	1.55E-02	4.86E-03	8.04E-08	1.24E-04	4.82E-05	9.39E-05	2.06E-02
655	490536.72, 3860035.12	0.0232	0.0266	0.0118	0.0408	0.0048	0.0324	0.0261	0.0266	3.16E-02	5.24E-03	7.93E-08	2.63E-04	9.87E-05	1.98E-04	3.74E-02	1.54E-02	5.24E-03	7.93E-08	1.28E-04	4.80E-05	9.66E-05	2.09E-02
656	490586.72, 3860035.12	0.0232	0.0289	0.0117	0.0423	0.0048	0.0335	0.0283	0.0289	3.15E-02	5.70E-03	7.85E-08	2.72E-04	9.87E-05	2.05E-04	3.78E-02	1.53E-02	5.70E-03	7.85E-08	1.32E-04	4.80E-05	9.97E-05	2.13E-02
657	490636.72, 3860035.12	0.0232	0.0316	0.0116	0.0439	0.0048	0.0347	0.031	0.0316	3.15E-02	6.23E-03	7.79E-08	2.82E-04	9.85E-05	2.12E-04	3.84E-02	1.54E-02	6.23E-03	7.79E-08	1.37E-04	4.79E-05	1.03E-04	2.19E-02
658	490686.72, 3860035.12	0.0234	0.0351	0.0116	0.046	0.0049	0.0363	0.0344	0.0351	3.18E-02	6.92E-03	7.83E-08	2.96E-04	9.89E-05	2.22E-04	3.93E-02	1.55E-02	6.92E-03	7.83E-08	1.44E-04	4.81E-05	1.08E-04	2.27E-02
659	490736.72, 3860035.12	0.0238	0.0398	0.0118	0.049	0.0049	0.0384	0.039	0.0398	3.24E-02	7.84E-03	7.95E-08	3.15E-04	9.99E-05	2.35E-04	4.09E-02	1.58E-02	7.84E-03	7.95E-08	1.53E-04	4.86E-05	1.14E-04	2.39E-02
660	490786.72, 3860035.12	0.0244	0.0453	0.0119	0.0518	0.0049	0.0406	0.0443	0.0453	3.32E-02	8.92E-03	8.01E-08	3.33E-04	1.00E-04	2.48E-04	4.28E-02	1.62E-02	8.92E-03	8.01E-08	1.62E-04	4.87E-05	1.21E-04	2.54E-02
661	490836.72, 3860035.12	0.0254	0.0525	0.012	0.055	0.0049	0.043	0.0514	0.0525	3.45E-02	1.03E-02	8.09E-08	3.54E-04	1.01E-04	2.63E-04	4.56E-02	1.68E-02	1.03E-02	8.09E-08	1.72E-04	4.89E-05	1.28E-04	2.75E-02
662	490086.72, 3860085.12	0.0266	0.0144	0.011	0.0359	0.0058	0.0278	0.0141	0.0144	3.62E-02	2.83E-03	7.40E-08	2.31E-04	1.18E-04	1.70E-04	3.96E-02	1.76E-02	2.83E-03	7.40E-08	1.12E-04	5.77E-05	8.27E-05	2.07E-02
663	490136.72, 3860085.12	0.0259	0.0149	0.0112	0.0354	0.0056	0.0277	0.0146	0.0149	3.52E-02	2.94E-03	7.53E-08	2.28E-04	1.14E-04	1.69E-04	3.86E-02	1.71E-02	2.94E-03	7.53E-08	1.11E-04	5.55E-05	8.24E-05	2.03E-02
664	490186.72, 3860085.12	0.0252	0.0156	0.0113	0.0351	0.0054	0.0277	0.0153	0.0156	3.43E-02	3.08E-03	7.60E-08	2.26E-04	1.11E-04	1.70E-04	3.79E-02	1.67E-02	3.08E-03	7.60E-08	1.10E-04	5.39E-05	8.26E-05	2.00E-02
665	490236.72, 3860085.12	0.0246	0.0163	0.0112	0.035	0.0053	0.0278	0.016	0.0163	3.35E-02	3.22E-03	7.56E-08	2.25E-04	1.07E-04	1.70E-04	3.73E-02	1.63E-02	3.22E-03	7.56E-08	1.10E-04	5.23E-05	8.28E-05	1.98E-02
666	490286.72, 3860085.12	0.0241	0.0171	0.0112	0.035	0.0051	0.0279	0.0168	0.0171	3.28E-02	3.37E-03	7.51E-08	2.25E-04	1.04E-04	1.71E-04	3.67E-02	1.60E-02	3.37E-03	7.51E-08	1.09E-04	5.08E-05	8.32E-05	1.96E-02
667	490336.72, 3860085.12	0.0236	0.0179	0.0111	0.035	0.005	0.0281	0.0176	0.0179	3.22E-02	3.53E-03	7.45E-08	2.25E-04	1.02E-04	1.72E-04	3.62E-02	1.57E-02	3.53E-03	7.45E-08	1.10E-04	4.95E-05	8.37E-05	1.94E-02
668	490386.72, 3860085.12	0.0232	0.0189	0.011	0.0353	0.0049	0.0284	0.0185	0.0189	3.16E-02	3.71E-03	7.40E-08	2.27E-04	9.97E-05	1.74E-04	3.58E-02	1.54E-02	3.71E-03	7.40E-08	1.10E-04	4.85E-05	8.45E-05	1.93E-02
669	490436.72, 3860085.12	0.0228	0.0199	0.0109	0.0356	0.0048	0.0287	0.0195	0.0199	3.11E-02	3.92E-03	7.34E-08	2.29E-04	9.81E-05	1.76E-04	3.55E-02	1.51E-02	3.92E-03	7.34E-08	1.12E-04	4.78E-05	8.55E-05	1.93E-02
670	490486.72, 3860085.12	0.0225	0.021	0.0108	0.0361	0.0047	0.0291	0.0206	0.021	3.06E-02	4.14E-03	7.25E-08	2.32E-04	9.67E-05	1.78E-04	3.53E-02	1.49E-02	4.14E-03	7.25E-08	1.13E-04	4.71E-05	8.67E-05	1.93E-02
671	490536.72, 3860085.12	0.0223	0.0224	0.0106	0.0368	0.0047	0.0297	0.022	0.0224	3.03E-02	4.42E-03	7.16E-08	2.37E-04	9.59E-05	1.82E-04	3.53E-02	1.48E-02	4.42E-03	7.16E-08	1.15E-04	4.67E-05	8.84E-05	1.94E-02
672	490586.72, 3860085.12	0.0221	0.024	0.0105	0.0377	0.0047	0.0303	0.0236	0.024	3.01E-02	4.73E-03	7.06E-08	2.43E-04	9.54E-05	1.86E-04	3.53E-02	1.46E-02	4.73E-03	7.06E-08	1.18E-04	4.65E-05	9.04E-05	1.96E-02
673	490636.72, 3860085.12	0.022	0.0258	0.0104	0.0387	0.0047	0.0311	0.0254	0.0258	3.00E-02	5.09E-03	6.97E-08	2.49E-04	9.52E-05	1.90E-04	3.56E-02	1.46E-02	5.09E-03	6.97E-08	1.21E-04	4.64E-05	9.26E-05	1.99E-02
674	490686.72, 3860085.12	0.022	0.0281	0.0103	0.04	0.0047	0.032	0.0276	0.0281	3.00E-02	5.53E-03	6.94E-08	2.57E-04	9.54E-05	1.96E-04	3.61E-02	1.46E-02	5.53E-03	6.94E-08	1.25E-04	4.65E-05	9.54E-05	2.04E-02
675	490736.72, 3860085.12	0.0222	0.0308	0.0103	0.0415	0.0047	0.0332	0.0303	0.0308	3.02E-02	6.08E-03	6.95E-08	2.67E-04	9.59E-05	2.03E-04	3.68E-02	1.47E-02	6.08E-03	6.95E-08	1.30E-04	4.67E-05	9.89E-05	2.10E-02
676	490786.72, 3860085.12	0.0224	0.0342	0.0104	0.0433	0.0047	0.0345	0.0337	0.0342	3.05E-02	6.74E-03	7.00E-08	2.78E-04	9.65E-05	2.11E-04	3.79E-02	1.49E-02	6.74E-03	7.00E-08	1.35E-04	4.70E-05	1.03E-04	2.19E-02
677	490836.72, 3860085.12	0.0228	0.0383	0.0104	0.0451	0.0047	0.0359	0.0378	0.0383	3.10E-02	7.54E-03	7.03E-08	2.90E-04	9.67E-05	2.20E-04	3.92E-02	1.51E-02	7.54E-03	7.03E-08	1.41E-04	4.71E-05	1.07E-04	2.29E-02
678	490086.72, 3860135.12	0.0259	0.0131	0.0096	0.0344	0.0057	0.0267	0.0128	0.0131	3.53E-02	2.58E-03	6.43E-08	2.21E-04	1.17E-04	1.63E-04	3.84E-02	1.72E-02	2.58E-03	6.43E-08	1.08E-04	5.70E-05	7.95E-05	2.00E-02

679	490136.72, 3860135.12	0.0252	0.0136	0.0099	0.0339	0.0056	0.0266	0.0133	0.0136	3.43E-02	2.68E-03	6.67E-08	2.18E-04	1.14E-04	1.63E-04	3.75E-02	1.67E-02	2.68E-03	6.67E-08	1.06E-04	5.53E-05	7.93E-05	1.96E-02
680	490186.72, 3860135.12	0.0246	0.0142	0.0101	0.0335	0.0054	0.0266	0.0139	0.0142	3.34E-02	2.79E-03	6.77E-08	2.16E-04	1.10E-04	1.63E-04	3.67E-02	1.63E-02	2.79E-03	6.77E-08	1.05E-04	5.36E-05	7.92E-05	1.93E-02
681	490236.72, 3860135.12	0.0239	0.0147	0.0101	0.0332	0.0052	0.0266	0.0145	0.0147	3.26E-02	2.90E-03	6.77E-08	2.14E-04	1.07E-04	1.63E-04	3.60E-02	1.59E-02	2.90E-03	6.77E-08	1.04E-04	5.19E-05	7.91E-05	1.90E-02
682	490286.72, 3860135.12	0.0234	0.0154	0.01	0.033	0.0051	0.0266	0.0151	0.0154	3.18E-02	3.03E-03	6.73E-08	2.13E-04	1.04E-04	1.63E-04	3.54E-02	1.55E-02	3.03E-03	6.73E-08	1.03E-04	5.04E-05	7.92E-05	1.88E-02
683	490336.72, 3860135.12	0.0229	0.016	0.0099	0.033	0.005	0.0267	0.0157	0.016	3.12E-02	3.16E-03	6.69E-08	2.12E-04	1.01E-04	1.63E-04	3.48E-02	1.52E-02	3.16E-03	6.69E-08	1.03E-04	4.91E-05	7.95E-05	1.86E-02
684	490386.72, 3860135.12	0.0224	0.0168	0.0099	0.033	0.0048	0.0268	0.0165	0.0168	3.05E-02	3.30E-03	6.65E-08	2.12E-04	9.83E-05	1.64E-04	3.43E-02	1.49E-02	3.30E-03	6.65E-08	1.03E-04	4.78E-05	7.98E-05	1.84E-02
685	490436.72, 3860135.12	0.022	0.0176	0.0098	0.0331	0.0047	0.027	0.0172	0.0176	3.00E-02	3.46E-03	6.61E-08	2.13E-04	9.63E-05	1.65E-04	3.39E-02	1.46E-02	3.46E-03	6.61E-08	1.04E-04	4.69E-05	8.03E-05	1.83E-02
686	490486.72, 3860135.12	0.0217	0.0185	0.0098	0.0334	0.0046	0.0272	0.0181	0.0185	2.95E-02	3.64E-03	6.57E-08	2.15E-04	9.46E-05	1.66E-04	3.36E-02	1.44E-02	3.64E-03	6.57E-08	1.05E-04	4.61E-05	8.10E-05	1.82E-02
687	490536.72, 3860135.12	0.0214	0.0195	0.0097	0.0338	0.0046	0.0276	0.0191	0.0195	2.91E-02	3.84E-03	6.52E-08	2.18E-04	9.36E-05	1.69E-04	3.34E-02	1.42E-02	3.84E-03	6.52E-08	1.06E-04	4.56E-05	8.20E-05	1.82E-02
688	490586.72, 3860135.12	0.0212	0.0207	0.0096	0.0343	0.0046	0.028	0.0203	0.0207	2.88E-02	4.07E-03	6.44E-08	2.21E-04	9.28E-05	1.71E-04	3.34E-02	1.40E-02	4.07E-03	6.44E-08	1.07E-04	4.52E-05	8.33E-05	1.83E-02
689	490636.72, 3860135.12	0.021	0.022	0.0094	0.0349	0.0045	0.0284	0.0216	0.022	2.85E-02	4.34E-03	6.35E-08	2.25E-04	9.24E-05	1.74E-04	3.34E-02	1.39E-02	4.34E-03	6.35E-08	1.09E-04	4.50E-05	8.47E-05	1.85E-02
690	490686.72, 3860135.12	0.0209	0.0236	0.0093	0.0356	0.0045	0.029	0.0232	0.0236	2.84E-02	4.64E-03	6.27E-08	2.29E-04	9.22E-05	1.77E-04	3.35E-02	1.38E-02	4.64E-03	6.27E-08	1.11E-04	4.49E-05	8.63E-05	1.87E-02
691	490736.72, 3860135.12	0.0208	0.0254	0.0092	0.0365	0.0045	0.0297	0.025	0.0254	2.84E-02	5.01E-03	6.22E-08	2.35E-04	9.24E-05	1.82E-04	3.39E-02	1.38E-02	5.01E-03	6.22E-08	1.14E-04	4.50E-05	8.84E-05	1.91E-02
692	490786.72, 3860135.12	0.0209	0.0277	0.0092	0.0376	0.0046	0.0305	0.0274	0.0277	2.85E-02	5.46E-03	6.22E-08	2.42E-04	9.28E-05	1.87E-04	3.45E-02	1.39E-02	5.46E-03	6.22E-08	1.18E-04	4.52E-05	9.09E-05	1.96E-02
693	490836.72, 3860135.12	0.0211	0.0304	0.0092	0.0386	0.0046	0.0314	0.0301	0.0304	2.87E-02	5.98E-03	6.22E-08	2.48E-04	9.30E-05	1.92E-04	3.52E-02	1.40E-02	5.98E-03	6.22E-08	1.21E-04	4.53E-05	9.34E-05	2.02E-02
694	490086.72, 3860185.12	0.0253	0.0121	0.0084	0.0332	0.0057	0.0258	0.0118	0.0121	3.44E-02	2.38E-03	5.66E-08	2.13E-04	1.16E-04	1.58E-04	3.73E-02	1.67E-02	2.38E-03	5.66E-08	1.04E-04	5.67E-05	7.68E-05	1.94E-02
695	490136.72, 3860185.12	0.0245	0.0125	0.0088	0.0326	0.0056	0.0257	0.0123	0.0125	3.34E-02	2.47E-03	5.95E-08	2.10E-04	1.13E-04	1.57E-04	3.63E-02	1.63E-02	2.47E-03	5.95E-08	1.02E-04	5.51E-05	7.65E-05	1.90E-02
696	490186.72, 3860185.12	0.0239	0.013	0.0091	0.0321	0.0054	0.0256	0.0127	0.013	3.25E-02	2.56E-03	6.09E-08	2.07E-04	1.10E-04	1.56E-04	3.55E-02	1.58E-02	2.56E-03	6.09E-08	1.01E-04	5.34E-05	7.62E-05	1.86E-02
697	490236.72, 3860185.12	0.0232	0.0135	0.0091	0.0317	0.0052	0.0255	0.0132	0.0135	3.16E-02	2.65E-03	6.11E-08	2.04E-04	1.06E-04	1.56E-04	3.47E-02	1.54E-02	2.65E-03	6.11E-08	9.93E-05	5.17E-05	7.59E-05	1.83E-02
698	490286.72, 3860185.12	0.0227	0.014	0.009	0.0314	0.0051	0.0254	0.0137	0.014	3.08E-02	2.76E-03	6.09E-08	2.02E-04	1.03E-04	1.56E-04	3.41E-02	1.50E-02	2.76E-03	6.09E-08	9.84E-05	5.01E-05	7.58E-05	1.80E-02
699	490336.72, 3860185.12	0.0221	0.0145	0.009	0.0312	0.0049	0.0254	0.0143	0.0145	3.01E-02	2.86E-03	6.05E-08	2.01E-04	9.99E-05	1.56E-04	3.34E-02	1.47E-02	2.86E-03	6.05E-08	9.78E-05	4.86E-05	7.57E-05	1.78E-02
700	490386.72, 3860185.12	0.0217	0.0151	0.0089	0.0311	0.0048	0.0255	0.0149	0.0151	2.95E-02	2.98E-03	6.01E-08	2.00E-04	9.73E-05	1.56E-04	3.29E-02	1.43E-02	2.98E-03	6.01E-08	9.75E-05	4.74E-05	7.58E-05	1.76E-02
701	490436.72, 3860185.12	0.0212	0.0158	0.0089	0.0311	0.0047	0.0255	0.0155	0.0158	2.89E-02	3.11E-03	5.98E-08	2.00E-04	9.50E-05	1.56E-04	3.25E-02	1.41E-02	3.11E-03	5.98E-08	9.75E-05	4.63E-05	7.60E-05	1.74E-02
702	490486.72, 3860185.12	0.0209	0.0165	0.0088	0.0312	0.0046	0.0256	0.0162	0.0165	2.84E-02	3.25E-03	5.95E-08	2.01E-04	9.30E-05	1.57E-04	3.21E-02	1.38E-02	3.25E-03	5.95E-08	9.77E-05	4.53E-05	7.63E-05	1.73E-02
703	490536.72, 3860185.12	0.0205	0.0173	0.0088	0.0314	0.0045	0.0258	0.017	0.0173	2.79E-02	3.42E-03	5.93E-08	2.02E-04	9.16E-05	1.58E-04	3.18E-02	1.36E-02	3.42E-03	5.93E-08	9.83E-05	4.46E-05	7.69E-05	1.72E-02
704	490586.72, 3860185.12	0.0203	0.0183	0.0088	0.0317	0.0045	0.0261	0.018	0.0183	2.76E-02	3.60E-03	5.90E-08	2.04E-04	9.08E-05	1.60E-04	3.16E-02	1.34E-02	3.60E-03	5.90E-08	9.93E-05	4.42E-05	7.77E-05	1.72E-02
705	490636.72, 3860185.12	0.02	0.0193	0.0087	0.032	0.0044	0.0264	0.019	0.0193	2.72E-02	3.80E-03	5.83E-08	2.06E-04	8.99E-05	1.61E-04	3.15E-02	1.33E-02	3.80E-03	5.83E-08	1.00E-04	4.38E-05	7.85E-05	1.73E-02
706	490686.72, 3860185.12	0.0199	0.0205	0.0086	0.0324	0.0044	0.0267	0.0202	0.0205	2.70E-02	4.04E-03	5.76E-08	2.09E-04	8.95E-05	1.63E-04	3.15E-02	1.32E-02	4.04E-03	5.76E-08	1.02E-04	4.36E-05	7.96E-05	1.74E-02
707	490736.72, 3860185.12	0.0197	0.0218	0.0084	0.0329	0.0044	0.0271	0.0215	0.0218	2.68E-02	4.30E-03	5.68E-08	2.11E-04	8.93E-05	1.66E-04	3.16E-02	1.31E-02	4.30E-03	5.68E-08	1.03E-04	4.35E-05	8.07E-05	1.76E-02
708	490786.72, 3860185.12	0.0197	0.0235	0.0084	0.0335	0.0044	0.0276	0.0232	0.0235	2.68E-02	4.62E-03	5.64E-08	2.15E-04	8.95E-05	1.69E-04	3.19E-02	1.30E-02	4.62E-03	5.64E-08	1.05E-04	4.36E-05	8.22E-05	1.79E-02
709	490836.72, 3860185.12	0.0197	0.0254	0.0083	0.0341	0.0044	0.0282	0.0251	0.0254	2.68E-02	5.01E-03	5.61E-08	2.19E-04	8.97E-05	1.72E-04	3.23E-02	1.30E-02	5.01E-03	5.61E-08	1.07E-04	4.37E-05	8.39E-05	1.83E-02
710	490086.72, 3860235.12	0.0245	0.0113	0.0075	0.0321	0.0057	0.0249	0.011	0.0113	3.34E-02	2.22E-03	5.04E-08	2.07E-04	1.16E-04	1.52E-04	3.61E-02	1.62E-02	2.22E-03	5.04E-08	1.01E-04	5.64E-05	7.42E-05	1.87E-02
711	490136.72, 3860235.12	0.0238	0.0116	0.0079	0.0315	0.0055	0.0247	0.0114	0.0116	3.24E-02	2.29E-03	5.31E-08	2.02E-04	1.13E-04	1.51E-04	3.51E-02	1.58E-02	2.29E-03	5.31E-08	9.85E-05	5.48E-05	7.37E-05	1.83E-02
712	490186.72, 3860235.12	0.0231	0.012	0.0082	0.0309	0.0054	0.0246	0.0118	0.012	3.14E-02	2.37E-03	5.49E-08	1.99E-04	1.09E-04	1.51E-04	3.43E-02	1.53E-02	2.37E-03	5.49E-08	9.68E-05	5.32E-05	7.33E-05	1.79E-02
713	490236.72, 3860235.12	0.0225	0.0124	0.0083	0.0305	0.0052	0.0245	0.0122	0.0124	3.06E-02	2.45E-03	5.56E-08	1.96E-04	1.06E-04	1.50E-04	3.35E-02	1.49E-02	2.45E-03	5.56E-08	9.54E-05	5.16E-05	7.29E-05	1.75E-02
714	490286.72, 3860235.12	0.0219	0.0129	0.0082	0.0301	0.005	0.0244	0.0126	0.0129	2.98E-02	2.54E-03	5.55E-08	1.93E-04	1.03E-04	1.49E-04	3.28E-02	1.45E-02	2.54E-03	5.55E-08	9.42E-05	4.99E-05	7.26E-05	1.72E-02
715	490336.72, 3860235.12	0.0213	0.0133	0.0082	0.0298	0.0049	0.0243	0.0131	0.0133	2.91E-02	2.63E-03	5.51E-08	1.92E-04	9.95E-05	1.49E-04	3.21E-02	1.41E-02	2.63E-03	5.51E-08	9.33E-05	4.84E-05	7.24E-05	1.70E-02
716	490386.72, 3860235.12	0.0209	0.0139	0.0081	0.0296	0.0047	0.0243	0.0136	0.0139	2.84E-02	2.73E-03	5.48E-08	1.90E-04	9.67E-05	1.48E-04	3.16E-02	1.38E-02	2.73E-03	5.48E-08	9.26E-05	4.71E-05	7.23E-05	1.68E-02
717	490436.72, 3860235.12	0.0204	0.0144	0.0081	0.0295	0.0046	0.0243	0.0142	0.0144	2.78E-02	2.84E-03	5.45E-08	1.89E-04	9.42E-05	1.48E-04	3.11E-02	1.35E-02	2.84E-03	5.45E-08	9.22E-05	4.59E-05	7.23E-05	1.66E-02
718	490486.72, 3860235.12	0.02	0.015	0.0081	0.0294	0.0045	0.0243	0.0148	0.015	2.73E-02	2.96E-03	5.42E-08	1.89E-04	9.20E-05	1.49E-04	3.07E-02	1.33E-02	2.96E-03	5.42E-08	9.20E-05	4.48E-05	7.23E-05	1.64E-02
719	490536.72, 3860235.12	0.0197	0.0157	0.008	0.0294	0.0044	0.0244	0.0154	0.0157	2.68E-02	3.09E-03	5.41E-08	1.89E-04	9.01E-05	1.49E-04	3.03E-02	1.30E-02	3.09E-03	5.41E-08	9.21E-05	4.39E-05	7.26E-05	1.63E-02
720	490586.72, 3860235.12	0.0194	0.0164	0.008	0.0295	0.0044	0.0245	0.0162	0.0164	2.64E-02	3.24E-03	5.40E-08	1.90E-04	8.87E-05	1.50E-04	3.01E-02	1.28E-02	3.24E-03	5.40E-08	9.25E-05	4.32E-05	7.30E-05	1.63E-02
721	490636.72, 3860235.12	0.0191	0.0173	0.008	0.0297	0.0043	0.0247	0.017	0.0173	2.60E-02	3.40E-03	5.37E-08	1.91E-04	8.77E-05	1.51E-04	2.99E-02	1.27E-02	3.40E-03	5.37E-08	9.29E-05	4.27E-05	7.35E-05	1.63E-02
722	490686.72, 3860235.12	0.0189	0.0182	0.0079	0.0299	0.0043	0.0249	0.0179	0.0182	2.57E-02	3.59E-03	5.33E-08	1.92E-04	8.71E-05	1.52E-04	2.98E-02	1.25E-02	3.59E-03	5.33E-08	9.36E-05	4.24E-05	7.41E-05	1.63E-02
723	490736.72, 3860235.12	0.0187	0.0193	0.0078	0.0301	0.0043	0.0251	0.019	0.0193	2.55E-02	3.80E-03	5.27E-08	1.94E-04	8.67E-05	1.54E-04	2.97E-02	1.24E-02	3.80E-03	5.27E-08	9.44E-05	4.22E-05	7.48E-05	1.64E-02
724	490786.72, 3860235.12	0.0186	0.0205	0.0077	0.0304	0.0043	0.0254	0.0203	0.0205	2.53E-02	4.05E-03	5.20E-08	1.96E-04	8.67E-05	1.55E-04	2.98E-02	1.23E-02	4.05E-03	5.20E-08	9.52E-05	4.22E-05	7.56E-05	1.66E-02
725	490086.72, 3860285.12	0.0237	0.0105	0.0067	0.0312	0.0056	0.024	0.0103	0.0105	3.22E-02	2.08E-03	4.52E-08	2.00E-04	1.15E-04	1.47E-04	3.48E-02	1.57E-02	2.08E-03	4.52E-08	9.75E-05	5.60E-05	7.16E-05	1.80E-02
726	490136.72, 3860285.12	0.0229	0.0109	0.0071	0.0305	0.0055	0.0238	0.0106	0.0109	3.12E-02	2.14E-03	4.77E-08	1.96E-04	1.12E-04	1.46E-04	3.38E-02	1.52E-02	2.14E-03	4.77E-08	9.53E-05	5.46E-05	7.10E-05	1.76E-02
727	490186.72, 3860285.12	0.0223	0.0112	0.0074	0.0298	0.0053	0.0237	0.011	0.0112	3.03E-02	2.20E-03	4.98E-08	1.92E-04	1.09E-04	1.45E-04	3.29E-02	1.47E-02	2.20E-03	4.98E-08	9.34E-05	5.30E-05	7.05E-05	1.72E-02
728	490236.72, 3860285.12	0.0216	0.0116	0.0076	0.0293	0.0052	0.0235	0.0113	0.0116	2.94E-02	2.28E-03	5.08E-08	1.89E-04	1.06E-04	1.44E-04	3.22E-02	1.43E-02	2.28E-03	5.08E-08	9.18E-05	5.15E-05	7.00E-05	1.68E-02
729	490286.72, 3860285.12	0.021	0.0119	0.0076	0.0289	0.005	0.0234	0.0117	0.0119	2.86E-02	2.35E-03	5.09E-08	1.86E-04	1.02E-04	1.43E-04	3.14E-02	1.39E-02	2.35E-03	5.09E-08	9.05E-05	4.98E-05	6.96E-05	1.65E-02
730	490336.72, 3860285.12	0.0205	0.0123	0.0075	0.0285	0.0049	0.0233	0.0121	0.0123	2.79E-02	2.43E-03	5.06E-08	1.83E-04	9.91E-05	1.42E-04	3.08E-02	1.36E-02	2.43E-03	5.06E-08	8.93E-05	4.82E-05	6.93E-05	1.62E-02
731	490386.72, 3860285.12	0.02	0.0128	0.0075	0.0282	0.0047	0.0232	0.0126	0.0128	2.73E-02	2.52E-03	5.04E-08	1.82E-04	9.63E-05	1.42E-04	3.02E-02	1.33E-02	2.52E-03	5.04E-08	8.84E-05	4.69E-05	6.90E-05	1.60E-02
732	490436.72, 3860285.12	0.0196	0.0133	0.0074	0.028	0.0046	0.0231	0.013	0.0133	2.67E-02	2.61E-03	5.00E-08	1.80E-04	9.34E-05	1.41E-04	2.97E-02	1.30E-02	2.61E-03	5.00E-08	8.77E-05	4.55E-05	6.89E-05	1.58E-02
733	490486.72, 3860285.12	0.0192	0.0138	0.0074	0.0279	0.0045	0.0231	0.0136	0.0138	2.61E-02	2.71E-03	4.98E-08	1.79E-04	9.10E-05	1.41E-04	2.93E-02	1.27E-02	2.71E-03	4.98E-08	8.72E-05	4.43E-05	6.88E-05	1.56E-02
734	490536.72, 3860285.12	0.0188	0.0143	0.0074	0.0277	0.0044	0.0231	0.0141	0.0143	2.56E-02	2.82E-03	4.96E-08	1.78E-04	8.89E-05	1.41E-04	2.89E-02	1.25E-02	2.82E-03	4.96E-08	8.69E-05	4.33E-05	6.88E-05	1.55E-02
735	490586.72, 3860285.12	0.0185	0.015	0.0074	0.0277	0.0043	0.0231	0.0147	0.015	2.52E-02	2.95E-03	4.95E-08	1.78E-04	8.73E-05	1.41E-04	2.86E-02	1.23E-02	2.95E-03	4.95E-08	8.67E-05	4.25E-05	6.89E-05	1.54E-02
736	490636.72, 3860285.12	0.0182	0.0157	0.0073	0.0277	0.0042	0.0232	0.0154	0.0157	2.48E-02	3.09E-03	4.94E-08	1.78E-04	8.59E-05	1.42E-04	2.83E-02	1.21E-02	3.09E-03	4.94E-08	8.68E-05	4.18E-05	6.91E-05	1.54E-02
737	490686.72, 3860285.12	0.018	0.0165	0.0073	0.0278	0.0042	0.0233	0.0162	0.0165	2.45E-02	3.24E-03	4.93E-08	1.79E-04	8.50E-05	1.43E-04	2.82E-02	1.19E-02	3.24E-03	4.93E-08	8.70E-05	4.14E-05	6.95E-05	1.54E-02
738	490736.72, 3860285.12	0.0178	0.0173	0.0073	0.0279	0.0041	0.0235	0.0171	0.0173	2.42E-02	3.42E-03	4.90E-08	1.79E-04	8.44E-05	1.44E-04	2.81E-02	1.18E-02	3.42E-03	4.90E-08	8.73E-05	4.11E-05	6.99E-05	1.54E-02
739	490786.72, 3860285.12	0.0177	0.0184	0.0072	0.028	0.0041	0.0237	0.0181	0.0184	2.40E-02	3.62E-03	4.84E-08	1.80E-04	8.42E-05	1.45E-04	2.81E-02	1.17E-02	3.62E-03	4.84E-08	8.78E-05	4.10E-05	7.04E-05	1.55E-02
740	490086.72, 3860335.12	0.0227	0.0099	0.0061	0.0303	0.0056	0.0231	0.0097	0.0099	3.09E-02	1.96E-03	4.09E-08	1.95E-04	1.14E-04	1.42E-04	3.34E-02	1.51E-02	1.96E-03	4.09E-08	9.48E-05	5.55E-05	6.89E-05	1.72E-02

741	490136.72, 3860335.12	0.022	0.0102	0.0064	0.0295	0.0055	0.0229	0.01	0.0102	3.00E-02	2.01E-03	4.31E-08	1.90E-04	1.11E-04	1.40E-04	3.24E-02	1.46E-02	2.01E-03	4.31E-08	9.25E-05	5.42E-05	6.83E-05	1.68E-02
742	490186.72, 3860335.12	0.0213	0.0105	0.0067	0.0289	0.0053	0.0227	0.0103	0.0105	2.91E-02	2.07E-03	4.52E-08	1.86E-04	1.09E-04	1.39E-04	3.16E-02	1.41E-02	2.07E-03	4.52E-08	9.04E-05	5.28E-05	6.77E-05	1.64E-02
743	490236.72, 3860335.12	0.0207	0.0108	0.0069	0.0283	0.0052	0.0226	0.0106	0.0108	2.82E-02	2.13E-03	4.66E-08	1.82E-04	1.05E-04	1.38E-04	3.08E-02	1.37E-02	2.13E-03	4.66E-08	8.87E-05	5.13E-05	6.72E-05	1.61E-02
744	490286.72, 3860335.12	0.0202	0.0112	0.007	0.0278	0.005	0.0224	0.0109	0.0112	2.75E-02	2.20E-03	4.70E-08	1.79E-04	1.02E-04	1.37E-04	3.01E-02	1.34E-02	2.20E-03	4.70E-08	8.71E-05	4.97E-05	6.67E-05	1.58E-02
745	490336.72, 3860335.12	0.0197	0.0115	0.007	0.0274	0.0049	0.0223	0.0113	0.0115	2.68E-02	2.27E-03	4.69E-08	1.76E-04	9.89E-05	1.36E-04	2.94E-02	1.30E-02	2.27E-03	4.69E-08	8.58E-05	4.81E-05	6.63E-05	1.55E-02
746	490386.72, 3860335.12	0.0192	0.0119	0.0069	0.0271	0.0047	0.0222	0.0117	0.0119	2.61E-02	2.34E-03	4.65E-08	1.74E-04	9.59E-05	1.36E-04	2.89E-02	1.27E-02	2.34E-03	4.65E-08	8.47E-05	4.67E-05	6.60E-05	1.53E-02
747	490436.72, 3860335.12	0.0188	0.0123	0.0069	0.0268	0.0046	0.0221	0.0121	0.0123	2.55E-02	2.42E-03	4.62E-08	1.72E-04	9.30E-05	1.35E-04	2.84E-02	1.24E-02	2.42E-03	4.62E-08	8.38E-05	4.53E-05	6.57E-05	1.50E-02
748	490486.72, 3860335.12	0.0184	0.0128	0.0068	0.0265	0.0044	0.022	0.0126	0.0128	2.50E-02	2.51E-03	4.59E-08	1.71E-04	9.04E-05	1.35E-04	2.79E-02	1.22E-02	2.51E-03	4.59E-08	8.30E-05	4.40E-05	6.55E-05	1.49E-02
749	490536.72, 3860335.12	0.018	0.0132	0.0068	0.0263	0.0043	0.022	0.0131	0.0132	2.45E-02	2.61E-03	4.57E-08	1.69E-04	8.81E-05	1.34E-04	2.75E-02	1.19E-02	2.61E-03	4.57E-08	8.25E-05	4.29E-05	6.54E-05	1.47E-02
750	490586.72, 3860335.12	0.0177	0.0138	0.0068	0.0262	0.0042	0.0219	0.0136	0.0138	2.41E-02	2.71E-03	4.56E-08	1.68E-04	8.61E-05	1.34E-04	2.72E-02	1.17E-02	2.71E-03	4.56E-08	8.20E-05	4.19E-05	6.53E-05	1.46E-02
751	490636.72, 3860335.12	0.0174	0.0144	0.0068	0.0261	0.0042	0.0219	0.0142	0.0144	2.37E-02	2.83E-03	4.56E-08	1.68E-04	8.46E-05	1.34E-04	2.69E-02	1.15E-02	2.83E-03	4.56E-08	8.17E-05	4.12E-05	6.53E-05	1.45E-02
752	490686.72, 3860335.12	0.0171	0.015	0.0068	0.0261	0.0041	0.022	0.0148	0.015	2.33E-02	2.96E-03	4.56E-08	1.68E-04	8.34E-05	1.34E-04	2.67E-02	1.14E-02	2.96E-03	4.56E-08	8.16E-05	4.06E-05	6.55E-05	1.45E-02
753	490736.72, 3860335.12	0.0169	0.0158	0.0068	0.0261	0.004	0.0221	0.0156	0.0158	2.30E-02	3.11E-03	4.55E-08	1.68E-04	8.24E-05	1.35E-04	2.65E-02	1.12E-02	3.11E-03	4.55E-08	8.16E-05	4.01E-05	6.57E-05	1.45E-02
754	490786.72, 3860335.12	0.0168	0.0167	0.0067	0.0261	0.004	0.0222	0.0164	0.0167	2.28E-02	3.28E-03	4.53E-08	1.68E-04	8.20E-05	1.36E-04	2.65E-02	1.11E-02	3.28E-03	4.53E-08	8.18E-05	3.99E-05	6.61E-05	1.46E-02
755	490086.72, 3860385.12	0.0217	0.0094	0.0056	0.0295	0.0055	0.0222	0.0092	0.0094	2.95E-02	1.86E-03	3.74E-08	1.90E-04	1.13E-04	1.36E-04	3.18E-02	1.44E-02	1.86E-03	3.74E-08	9.23E-05	5.50E-05	6.62E-05	1.64E-02
756	490136.72, 3860385.12	0.021	0.0097	0.0058	0.0287	0.0054	0.022	0.0095	0.0097	2.86E-02	1.91E-03	3.92E-08	1.85E-04	1.11E-04	1.35E-04	3.09E-02	1.39E-02	1.91E-03	3.92E-08	8.99E-05	5.39E-05	6.55E-05	1.60E-02
757	490186.72, 3860385.12	0.0204	0.0099	0.0061	0.028	0.0053	0.0218	0.0097	0.0099	2.77E-02	1.96E-03	4.11E-08	1.80E-04	1.08E-04	1.33E-04	3.01E-02	1.35E-02	1.96E-03	4.11E-08	8.77E-05	5.25E-05	6.49E-05	1.56E-02
758	490236.72, 3860385.12	0.0198	0.0102	0.0064	0.0274	0.0052	0.0216	0.01	0.0102	2.69E-02	2.01E-03	4.28E-08	1.76E-04	1.05E-04	1.32E-04	2.93E-02	1.31E-02	2.01E-03	4.28E-08	8.58E-05	5.11E-05	6.44E-05	1.53E-02
759	490286.72, 3860385.12	0.0192	0.0105	0.0065	0.0269	0.005	0.0214	0.0103	0.0105	2.62E-02	2.07E-03	4.35E-08	1.73E-04	1.02E-04	1.31E-04	2.87E-02	1.27E-02	2.07E-03	4.35E-08	8.42E-05	4.96E-05	6.39E-05	1.50E-02
760	490336.72, 3860385.12	0.0187	0.0108	0.0065	0.0264	0.0049	0.0213	0.0106	0.0108	2.55E-02	2.13E-03	4.36E-08	1.70E-04	9.89E-05	1.30E-04	2.80E-02	1.24E-02	2.13E-03	4.36E-08	8.28E-05	4.81E-05	6.34E-05	1.47E-02
761	490386.72, 3860385.12	0.0183	0.0111	0.0064	0.026	0.0047	0.0212	0.0109	0.0111	2.49E-02	2.19E-03	4.33E-08	1.67E-04	9.57E-05	1.29E-04	2.75E-02	1.21E-02	2.19E-03	4.33E-08	8.15E-05	4.66E-05	6.30E-05	1.45E-02
762	490436.72, 3860385.12	0.0179	0.0115	0.0064	0.0257	0.0046	0.0211	0.0113	0.0115	2.43E-02	2.27E-03	4.30E-08	1.65E-04	9.28E-05	1.29E-04	2.70E-02	1.18E-02	2.27E-03	4.30E-08	8.04E-05	4.52E-05	6.27E-05	1.43E-02
763	490486.72, 3860385.12	0.0175	0.0119	0.0063	0.0254	0.0044	0.021	0.0117	0.0119	2.38E-02	2.34E-03	4.26E-08	1.63E-04	9.01E-05	1.28E-04	2.65E-02	1.16E-02	2.34E-03	4.26E-08	7.95E-05	4.39E-05	6.25E-05	1.41E-02
764	490536.72, 3860385.12	0.0171	0.0123	0.0063	0.0251	0.0043	0.0209	0.0121	0.0123	2.33E-02	2.43E-03	4.24E-08	1.62E-04	8.75E-05	1.28E-04	2.61E-02	1.14E-02	2.43E-03	4.24E-08	7.87E-05	4.26E-05	6.22E-05	1.40E-02
765	490586.72, 3860385.12	0.0168	0.0128	0.0063	0.0249	0.0042	0.0209	0.0126	0.0128	2.29E-02	2.52E-03	4.23E-08	1.60E-04	8.55E-05	1.28E-04	2.58E-02	1.11E-02	2.52E-03	4.23E-08	7.80E-05	4.16E-05	6.21E-05	1.38E-02
766	490636.72, 3860385.12	0.0165	0.0133	0.0063	0.0247	0.0041	0.0208	0.0131	0.0133	2.25E-02	2.62E-03	4.22E-08	1.59E-04	8.34E-05	1.27E-04	2.55E-02	1.10E-02	2.62E-03	4.22E-08	7.75E-05	4.06E-05	6.20E-05	1.38E-02
767	490686.72, 3860385.12	0.0163	0.0139	0.0063	0.0246	0.004	0.0208	0.0137	0.0139	2.22E-02	2.73E-03	4.22E-08	1.58E-04	8.20E-05	1.27E-04	2.53E-02	1.08E-02	2.73E-03	4.22E-08	7.71E-05	3.99E-05	6.20E-05	1.37E-02
768	490736.72, 3860385.12	0.0161	0.0145	0.0063	0.0245	0.004	0.0209	0.0143	0.0145	2.19E-02	2.86E-03	4.22E-08	1.58E-04	8.08E-05	1.28E-04	2.51E-02	1.06E-02	2.86E-03	4.22E-08	7.68E-05	3.93E-05	6.21E-05	1.37E-02
769	490786.72, 3860385.12	0.0159	0.0152	0.0063	0.0245	0.0039	0.0209	0.015	0.0152	2.16E-02	3.00E-03	4.22E-08	1.57E-04	7.99E-05	1.28E-04	2.50E-02	1.05E-02	3.00E-03	4.22E-08	7.66E-05	3.89E-05	6.22E-05	1.37E-02
770	490136.72, 3860435.12	0.0199	0.0092	0.0053	0.028	0.0054	0.0211	0.009	0.0092	2.71E-02	1.82E-03	3.58E-08	1.80E-04	1.10E-04	1.29E-04	2.93E-02	1.32E-02	1.82E-03	3.58E-08	8.75E-05	5.33E-05	6.27E-05	1.52E-02
771	490186.72, 3860435.12	0.0193	0.0095	0.0056	0.0272	0.0053	0.0208	0.0092	0.0095	2.63E-02	1.86E-03	3.76E-08	1.75E-04	1.07E-04	1.28E-04	2.85E-02	1.28E-02	1.86E-03	3.76E-08	8.53E-05	5.22E-05	6.21E-05	1.48E-02
772	490236.72, 3860435.12	0.0187	0.0097	0.0058	0.0266	0.0051	0.0207	0.0095	0.0097	2.55E-02	1.91E-03	3.93E-08	1.71E-04	1.04E-04	1.26E-04	2.78E-02	1.24E-02	1.91E-03	3.93E-08	8.33E-05	5.08E-05	6.15E-05	1.45E-02
773	490286.72, 3860435.12	0.0182	0.0099	0.006	0.0261	0.005	0.0205	0.0097	0.0099	2.48E-02	1.96E-03	4.03E-08	1.68E-04	1.02E-04	1.25E-04	2.72E-02	1.21E-02	1.96E-03	4.03E-08	8.16E-05	4.94E-05	6.10E-05	1.42E-02
774	490336.72, 3860435.12	0.0178	0.0102	0.006	0.0256	0.0048	0.0203	0.01	0.0102	2.42E-02	2.01E-03	4.06E-08	1.64E-04	9.85E-05	1.24E-04	2.66E-02	1.18E-02	2.01E-03	4.06E-08	8.00E-05	4.79E-05	6.05E-05	1.40E-02
775	490386.72, 3860435.12	0.0174	0.0105	0.006	0.0251	0.0047	0.0202	0.0103	0.0105	2.36E-02	2.07E-03	4.05E-08	1.62E-04	9.57E-05	1.24E-04	2.61E-02	1.15E-02	2.07E-03	4.05E-08	7.87E-05	4.66E-05	6.02E-05	1.38E-02
776	490436.72, 3860435.12	0.017	0.0108	0.006	0.0247	0.0045	0.0201	0.0106	0.0108	2.31E-02	2.13E-03	4.01E-08	1.59E-04	9.26E-05	1.23E-04	2.56E-02	1.12E-02	2.13E-03	4.01E-08	7.74E-05	4.51E-05	5.98E-05	1.35E-02
777	490486.72, 3860435.12	0.0166	0.0112	0.0059	0.0244	0.0044	0.02	0.011	0.0112	2.26E-02	2.20E-03	3.98E-08	1.57E-04	8.97E-05	1.22E-04	2.52E-02	1.10E-02	2.20E-03	3.98E-08	7.64E-05	4.37E-05	5.95E-05	1.34E-02
778	490536.72, 3860435.12	0.0163	0.0115	0.0059	0.0241	0.0043	0.0199	0.0114	0.0115	2.22E-02	2.27E-03	3.96E-08	1.55E-04	8.73E-05	1.22E-04	2.48E-02	1.08E-02	2.27E-03	3.96E-08	7.54E-05	4.25E-05	5.93E-05	1.32E-02
779	490586.72, 3860435.12	0.016	0.0119	0.0058	0.0238	0.0042	0.0198	0.0118	0.0119	2.17E-02	2.35E-03	3.93E-08	1.53E-04	8.48E-05	1.21E-04	2.45E-02	1.06E-02	2.35E-03	3.93E-08	7.46E-05	4.13E-05	5.91E-05	1.31E-02
780	490636.72, 3860435.12	0.0157	0.0124	0.0058	0.0236	0.0041	0.0198	0.0122	0.0124	2.14E-02	2.44E-03	3.92E-08	1.52E-04	8.26E-05	1.21E-04	2.42E-02	1.04E-02	2.44E-03	3.92E-08	7.39E-05	4.02E-05	5.89E-05	1.30E-02
781	490686.72, 3860435.12	0.0154	0.0129	0.0058	0.0234	0.004	0.0198	0.0127	0.0129	2.10E-02	2.54E-03	3.92E-08	1.51E-04	8.10E-05	1.21E-04	2.39E-02	1.02E-02	2.54E-03	3.92E-08	7.33E-05	3.94E-05	5.89E-05	1.29E-02
782	490736.72, 3860435.12	0.0152	0.0134	0.0058	0.0233	0.0039	0.0198	0.0133	0.0134	2.07E-02	2.65E-03	3.93E-08	1.50E-04	7.95E-05	1.21E-04	2.37E-02	1.01E-02	2.65E-03	3.93E-08	7.29E-05	3.87E-05	5.89E-05	1.29E-02
783	490786.72, 3860435.12	0.015	0.0141	0.0058	0.0232	0.0039	0.0198	0.0139	0.0141	2.04E-02	2.77E-03	3.93E-08	1.49E-04	7.85E-05	1.21E-04	2.36E-02	9.95E-03	2.77E-03	3.93E-08	7.25E-05	3.82E-05	5.89E-05	1.29E-02
784	490136.72, 3860485.12	0.0187	0.0089	0.0049	0.0273	0.0053	0.0201	0.0087	0.0089	2.55E-02	1.74E-03	3.31E-08	1.75E-04	1.09E-04	1.23E-04	2.76E-02	1.24E-02	1.74E-03	3.31E-08	8.54E-05	5.29E-05	5.99E-05	1.43E-02
785	490186.72, 3860485.12	0.0182	0.009	0.0051	0.0265	0.0052	0.0199	0.0089	0.009	2.47E-02	1.78E-03	3.46E-08	1.71E-04	1.06E-04	1.22E-04	2.69E-02	1.20E-02	1.78E-03	3.46E-08	8.31E-05	5.18E-05	5.93E-05	1.40E-02
786	490236.72, 3860485.12	0.0177	0.0093	0.0054	0.0259	0.0051	0.0197	0.0091	0.0093	2.41E-02	1.82E-03	3.62E-08	1.67E-04	1.04E-04	1.21E-04	2.63E-02	1.17E-02	1.82E-03	3.62E-08	8.11E-05	5.05E-05	5.87E-05	1.37E-02
787	490286.72, 3860485.12	0.0172	0.0095	0.0056	0.0253	0.005	0.0196	0.0093	0.0095	2.34E-02	1.87E-03	3.74E-08	1.63E-04	1.01E-04	1.20E-04	2.57E-02	1.14E-02	1.87E-03	3.74E-08	7.92E-05	4.92E-05	5.83E-05	1.35E-02
788	490336.72, 3860485.12	0.0168	0.0097	0.0056	0.0248	0.0048	0.0194	0.0095	0.0097	2.28E-02	1.91E-03	3.80E-08	1.59E-04	9.83E-05	1.19E-04	2.51E-02	1.11E-02	1.91E-03	3.80E-08	7.76E-05	4.78E-05	5.78E-05	1.32E-02
789	490386.72, 3860485.12	0.0164	0.01	0.0057	0.0243	0.0047	0.0193	0.0098	0.01	2.23E-02	1.96E-03	3.80E-08	1.57E-04	9.54E-05	1.18E-04	2.46E-02	1.09E-02	1.96E-03	3.80E-08	7.62E-05	4.65E-05	5.74E-05	1.30E-02
790	490436.72, 3860485.12	0.016	0.0103	0.0056	0.0239	0.0046	0.0192	0.0101	0.0103	2.18E-02	2.02E-03	3.78E-08	1.54E-04	9.28E-05	1.17E-04	2.42E-02	1.06E-02	2.02E-03	3.78E-08	7.50E-05	4.52E-05	5.71E-05	1.28E-02
791	490486.72, 3860485.12	0.0157	0.0106	0.0056	0.0236	0.0044	0.0191	0.0104	0.0106	2.14E-02	2.08E-03	3.74E-08	1.52E-04	8.97E-05	1.17E-04	2.38E-02	1.04E-02	2.08E-03	3.74E-08	7.38E-05	4.37E-05	5.68E-05	1.27E-02
792	490536.72, 3860485.12	0.0154	0.0109	0.0055	0.0232	0.0043	0.019	0.0107	0.0109	2.10E-02	2.14E-03	3.71E-08	1.49E-04	8.71E-05	1.16E-04	2.34E-02	1.02E-02	2.14E-03	3.71E-08	7.27E-05	4.24E-05	5.65E-05	1.25E-02
793	490586.72, 3860485.12	0.0151	0.0112	0.0055	0.0229	0.0041	0.0189	0.0111	0.0112	2.06E-02	2.21E-03	3.68E-08	1.47E-04	8.44E-05	1.16E-04	2.31E-02	1.00E-02	2.21E-03	3.68E-08	7.17E-05	4.11E-05	5.63E-05	1.24E-02
794	490636.72, 3860485.12	0.0149	0.0116	0.0055	0.0227	0.004	0.0189	0.0115	0.0116	2.02E-02	2.29E-03	3.67E-08	1.46E-04	8.22E-05	1.15E-04	2.28E-02	9.84E-03	2.29E-03	3.67E-08	7.09E-05	4.00E-05	5.61E-05	1.23E-02
795	490686.72, 3860485.12	0.0146	0.012	0.0054	0.0224	0.0039	0.0188	0.0119	0.012	1.99E-02	2.37E-03	3.66E-08	1.44E-04	8.02E-05	1.15E-04	2.26E-02	9.68E-03	2.37E-03	3.66E-08	7.02E-05	3.90E-05	5.60E-05	1.22E-02
796	490736.72, 3860485.12	0.0144	0.0125	0.0054	0.0222	0.0039	0.0188	0.0124	0.0125	1.96E-02	2.47E-03	3.66E-08	1.43E-04	7.85E-05	1.15E-04	2.24E-02	9.54E-03	2.47E-03	3.66E-08	6.96E-05	3.82E-05	5.60E-05	1.22E-02
797	490786.72, 3860485.12	0.0142	0.0131	0.0054	0.0221	0.0038	0.0188	0.0129	0.0131	1.93E-02	2.57E-03	3.66E-08	1.42E-04	7.71E-05	1.15E-04	2.22E-02	9.40E-03	2.57E-03	3.66E-08	6.91E-05	3.75E-05	5.60E-05	1.21E-02
798	490136.72, 3860535.12	0.0175	0.0085	0.0046	0.0267	0.0053	0.0192	0.0083	0.0085	2.38E-02	1.68E-03	3.08E-08	1.72E-04	1.07E-04	1.17E-04	2.59E-02	1.16E-02	1.68E-03	3.08E-08	8.35E-05	5.23E-05	5.72E-05	1.35E-02
799	490186.72, 3860535.12	0.017	0.0087	0.0048	0.0259	0.0052	0.019	0.0085	0.0087	2.32E-02	1.71E-03	3.21E-08	1.67E-04	1.06E-04	1.16E-04	2.53E-02	1.13E-02	1.71E-03	3.21E-08	8.12E-05	5.15E-05	5.66E-05	1.32E-02
800	490236.72, 3860535.12	0.0166	0.0089	0.005	0.0253	0.0051	0.0188	0.0087	0.0089	2.26E-02	1.75E-03	3.35E-08	1.62E-04	1.03E-04	1.15E-04	2.47E-02	1.10E-02	1.75E-03	3.35E-08	7.91E-05	5.02E-05	5.60E-05	1.29E-02
801	490286.72, 3860535.12	0.0162	0.0091	0.0052	0.0247	0.0049	0.0187	0.0089	0.0091	2.20E-02	1.79E-03	3.47E-08	1.59E-04	1.01E-04	1.14E-04	2.42E-02	1.07E-02	1.79E-03	3.47E-08	7.72E-05	4.90E-05	5.55E-05	1.27E-02
802	490336.72, 3860535.12	0.0158	0.0093	0.0053	0.0241	0.0048	0.0185	0.0091	0.0093	2.15E-02	1.83E-03	3.56E-08	1.55E-04	9.81E-05	1.13E-04	2.37E-02	1.05E-02	1.83E-03	3.56E-08	7.56E-05	4.78E-05	5.51E-05	1.25E-02

803	490386.72, 3860535.12	0.0154	0.0095	0.0053	0.0237	0.0047	0.0184	0.0093	0.0095	2.10E-02	1.88E-03	3.59E-08	1.52E-04	9.54E-05	1.13E-04	2.33E-02	1.02E-02	1.88E-03	3.59E-08	7.41E-05	4.65E-05	5.48E-05	1.23E-02
804	490436.72, 3860535.12	0.0151	0.0098	0.0053	0.0232	0.0046	0.0183	0.0096	0.0098	2.06E-02	1.92E-03	3.58E-08	1.49E-04	9.28E-05	1.12E-04	2.29E-02	1.00E-02	1.92E-03	3.58E-08	7.28E-05	4.52E-05	5.45E-05	1.21E-02
805	490486.72, 3860535.12	0.0148	0.01	0.0053	0.0229	0.0044	0.0182	0.0099	0.01	2.02E-02	1.98E-03	3.55E-08	1.47E-04	8.99E-05	1.11E-04	2.25E-02	9.82E-03	1.98E-03	3.55E-08	7.15E-05	4.38E-05	5.42E-05	1.20E-02
806	490536.72, 3860535.12	0.0146	0.0103	0.0053	0.0225	0.0043	0.0182	0.0102	0.0103	1.98E-02	2.04E-03	3.54E-08	1.45E-04	8.75E-05	1.11E-04	2.22E-02	9.65E-03	2.04E-03	3.54E-08	7.05E-05	4.26E-05	5.41E-05	1.19E-02
807	490586.72, 3860535.12	0.0143	0.0106	0.0052	0.0222	0.0041	0.018	0.0105	0.0106	1.94E-02	2.09E-03	3.47E-08	1.42E-04	8.44E-05	1.10E-04	2.19E-02	9.46E-03	2.09E-03	3.47E-08	6.94E-05	4.11E-05	5.37E-05	1.17E-02
808	490636.72, 3860535.12	0.014	0.011	0.0051	0.0218	0.004	0.018	0.0108	0.011	1.91E-02	2.16E-03	3.45E-08	1.40E-04	8.20E-05	1.10E-04	2.16E-02	9.30E-03	2.16E-03	3.45E-08	6.84E-05	3.99E-05	5.35E-05	1.16E-02
809	490686.72, 3860535.12	0.0138	0.0113	0.0051	0.0216	0.0039	0.0179	0.0112	0.0113	1.88E-02	2.23E-03	3.43E-08	1.39E-04	7.97E-05	1.10E-04	2.14E-02	9.15E-03	2.23E-03	3.43E-08	6.76E-05	3.88E-05	5.34E-05	1.15E-02
810	490736.72, 3860535.12	0.0136	0.0118	0.0051	0.0213	0.0038	0.0179	0.0116	0.0118	1.85E-02	2.31E-03	3.43E-08	1.37E-04	7.77E-05	1.09E-04	2.11E-02	9.01E-03	2.31E-03	3.43E-08	6.68E-05	3.78E-05	5.33E-05	1.15E-02
811	490786.72, 3860535.12	0.0134	0.0122	0.0051	0.0211	0.0037	0.0179	0.0121	0.0122	1.82E-02	2.41E-03	3.43E-08	1.36E-04	7.63E-05	1.09E-04	2.10E-02	8.88E-03	2.41E-03	3.43E-08	6.62E-05	3.71E-05	5.33E-05	1.14E-02
812	490136.72, 3860585.12	0.0163	0.0082	0.0043	0.0262	0.0052	0.0183	0.0081	0.0082	2.22E-02	1.62E-03	2.88E-08	1.68E-04	1.06E-04	1.12E-04	2.42E-02	1.08E-02	1.62E-03	2.88E-08	8.19E-05	5.18E-05	5.45E-05	1.26E-02
813	490186.72, 3860585.12	0.0159	0.0084	0.0044	0.0254	0.0051	0.0181	0.0082	0.0084	2.16E-02	1.65E-03	2.96E-08	1.63E-04	1.04E-04	1.10E-04	2.36E-02	1.05E-02	1.65E-03	2.96E-08	7.94E-05	5.06E-05	5.38E-05	1.23E-02
814	490236.72, 3860585.12	0.0155	0.0086	0.0046	0.0247	0.005	0.0179	0.0084	0.0086	2.11E-02	1.68E-03	3.10E-08	1.59E-04	1.02E-04	1.10E-04	2.31E-02	1.03E-02	1.68E-03	3.10E-08	7.73E-05	4.97E-05	5.33E-05	1.21E-02
815	490286.72, 3860585.12	0.0151	0.0087	0.0048	0.0241	0.0049	0.0178	0.0086	0.0087	2.06E-02	1.72E-03	3.24E-08	1.55E-04	1.00E-04	1.09E-04	2.27E-02	1.00E-02	1.72E-03	3.24E-08	7.55E-05	4.87E-05	5.30E-05	1.19E-02
816	490336.72, 3860585.12	0.0148	0.0089	0.005	0.0236	0.0048	0.0176	0.0088	0.0089	2.01E-02	1.76E-03	3.33E-08	1.51E-04	9.77E-05	1.08E-04	2.23E-02	9.80E-03	1.76E-03	3.33E-08	7.37E-05	4.76E-05	5.25E-05	1.17E-02
817	490386.72, 3860585.12	0.0145	0.0091	0.005	0.0231	0.0047	0.0175	0.009	0.0091	1.97E-02	1.80E-03	3.38E-08	1.48E-04	9.50E-05	1.07E-04	2.19E-02	9.60E-03	1.80E-03	3.38E-08	7.22E-05	4.63E-05	5.22E-05	1.16E-02
818	490436.72, 3860585.12	0.0142	0.0094	0.0051	0.0227	0.0046	0.0175	0.0092	0.0094	1.94E-02	1.85E-03	3.40E-08	1.46E-04	9.28E-05	1.07E-04	2.16E-02	9.42E-03	1.85E-03	3.40E-08	7.09E-05	4.52E-05	5.21E-05	1.14E-02
819	490486.72, 3860585.12	0.014	0.0096	0.005	0.0223	0.0044	0.0174	0.0094	0.0096	1.90E-02	1.89E-03	3.39E-08	1.43E-04	9.04E-05	1.07E-04	2.13E-02	9.26E-03	1.89E-03	3.39E-08	6.97E-05	4.40E-05	5.19E-05	1.13E-02
820	490536.72, 3860585.12	0.0137	0.0099	0.005	0.0219	0.0043	0.0174	0.0097	0.0099	1.87E-02	1.94E-03	3.35E-08	1.41E-04	8.75E-05	1.06E-04	2.09E-02	9.09E-03	1.94E-03	3.35E-08	6.85E-05	4.26E-05	5.17E-05	1.12E-02
821	490586.72, 3860585.12	0.0134	0.0101	0.0049	0.0215	0.0041	0.0172	0.01	0.0101	1.83E-02	2.00E-03	3.29E-08	1.38E-04	8.42E-05	1.05E-04	2.06E-02	8.91E-03	2.00E-03	3.29E-08	6.72E-05	4.10E-05	5.12E-05	1.11E-02
822	490636.72, 3860585.12	0.0132	0.0104	0.0049	0.0211	0.004	0.0171	0.0103	0.0104	1.80E-02	2.05E-03	3.27E-08	1.36E-04	8.18E-05	1.05E-04	2.04E-02	8.77E-03	2.05E-03	3.27E-08	6.62E-05	3.98E-05	5.10E-05	1.10E-02
823	490686.72, 3860585.12	0.013	0.0108	0.0048	0.0208	0.0039	0.0171	0.0106	0.0108	1.77E-02	2.12E-03	3.25E-08	1.34E-04	7.93E-05	1.05E-04	2.02E-02	8.63E-03	2.12E-03	3.25E-08	6.52E-05	3.86E-05	5.09E-05	1.09E-02
824	490736.72, 3860585.12	0.0128	0.0111	0.0048	0.0206	0.0038	0.0171	0.011	0.0111	1.75E-02	2.19E-03	3.23E-08	1.32E-04	7.73E-05	1.04E-04	2.00E-02	8.50E-03	2.19E-03	3.23E-08	6.44E-05	3.76E-05	5.08E-05	1.08E-02
825	490786.72, 3860585.12	0.0126	0.0115	0.0048	0.0203	0.0037	0.017	0.0114	0.0115	1.72E-02	2.27E-03	3.22E-08	1.31E-04	7.55E-05	1.04E-04	1.98E-02	8.38E-03	2.27E-03	3.22E-08	6.37E-05	3.67E-05	5.07E-05	1.08E-02
826	490136.72, 3860635.12	0.0152	0.0079	0.004	0.0257	0.0052	0.0175	0.0078	0.0079	2.06E-02	1.56E-03	2.72E-08	1.65E-04	1.06E-04	1.07E-04	2.26E-02	1.00E-02	1.56E-03	2.72E-08	8.03E-05	5.14E-05	5.20E-05	1.18E-02
827	490186.72, 3860635.12	0.0148	0.0081	0.0041	0.0249	0.0051	0.0173	0.0079	0.0081	2.01E-02	1.59E-03	2.79E-08	1.60E-04	1.04E-04	1.06E-04	2.21E-02	9.78E-03	1.59E-03	2.79E-08	7.80E-05	5.04E-05	5.14E-05	1.16E-02
828	490236.72, 3860635.12	0.0144	0.0083	0.0043	0.0242	0.005	0.0171	0.0081	0.0083	1.96E-02	1.63E-03	2.89E-08	1.56E-04	1.01E-04	1.04E-04	2.16E-02	9.54E-03	1.63E-03	2.89E-08	7.58E-05	4.93E-05	5.08E-05	1.13E-02
829	490286.72, 3860635.12	0.0141	0.0084	0.0045	0.0236	0.0049	0.0169	0.0083	0.0084	1.92E-02	1.66E-03	3.01E-08	1.52E-04	9.93E-05	1.04E-04	2.12E-02	9.34E-03	1.66E-03	3.01E-08	7.39E-05	4.83E-05	5.04E-05	1.12E-02
830	490336.72, 3860635.12	0.0138	0.0086	0.0046	0.023	0.0048	0.0168	0.0084	0.0086	1.88E-02	1.70E-03	3.12E-08	1.48E-04	9.71E-05	1.03E-04	2.08E-02	9.15E-03	1.70E-03	3.12E-08	7.21E-05	4.73E-05	5.01E-05	1.10E-02
831	490386.72, 3860635.12	0.0136	0.0088	0.0047	0.0225	0.0047	0.0167	0.0086	0.0088	1.84E-02	1.73E-03	3.19E-08	1.45E-04	9.48E-05	1.02E-04	2.05E-02	8.98E-03	1.73E-03	3.19E-08	7.05E-05	4.62E-05	4.98E-05	1.09E-02
832	490436.72, 3860635.12	0.0133	0.009	0.0048	0.0221	0.0045	0.0166	0.0088	0.009	1.81E-02	1.77E-03	3.21E-08	1.42E-04	9.22E-05	1.02E-04	2.02E-02	8.81E-03	1.77E-03	3.21E-08	6.91E-05	4.49E-05	4.95E-05	1.08E-02
833	490486.72, 3860635.12	0.0131	0.0092	0.0048	0.0217	0.0044	0.0166	0.0091	0.0092	1.78E-02	1.82E-03	3.20E-08	1.39E-04	8.97E-05	1.01E-04	1.99E-02	8.66E-03	1.82E-03	3.20E-08	6.78E-05	4.37E-05	4.93E-05	1.06E-02
834	490536.72, 3860635.12	0.0129	0.0095	0.0047	0.0213	0.0043	0.0165	0.0093	0.0095	1.75E-02	1.87E-03	3.18E-08	1.37E-04	8.73E-05	1.01E-04	1.97E-02	8.52E-03	1.87E-03	3.18E-08	6.66E-05	4.25E-05	4.91E-05	1.05E-02
835	490586.72, 3860635.12	0.0127	0.0097	0.0047	0.0209	0.0041	0.0164	0.0096	0.0097	1.72E-02	1.91E-03	3.13E-08	1.34E-04	8.44E-05	1.00E-04	1.95E-02	8.38E-03	1.91E-03	3.13E-08	6.54E-05	4.11E-05	4.89E-05	1.05E-02
836	490636.72, 3860635.12	0.0125	0.01	0.0046	0.0205	0.004	0.0164	0.0098	0.01	1.70E-02	1.96E-03	3.10E-08	1.32E-04	8.18E-05	1.00E-04	1.92E-02	8.25E-03	1.96E-03	3.10E-08	6.43E-05	3.98E-05	4.87E-05	1.04E-02
837	490686.72, 3860635.12	0.0123	0.0103	0.0046	0.0202	0.0039	0.0163	0.0101	0.0103	1.67E-02	2.02E-03	3.08E-08	1.30E-04	7.93E-05	9.99E-05	1.90E-02	8.13E-03	2.02E-03	3.08E-08	6.33E-05	3.86E-05	4.86E-05	1.03E-02
838	490736.72, 3860635.12	0.0121	0.0106	0.0045	0.0199	0.0038	0.0163	0.0104	0.0106	1.65E-02	2.08E-03	3.06E-08	1.28E-04	7.71E-05	9.95E-05	1.88E-02	8.01E-03	2.08E-03	3.06E-08	6.24E-05	3.75E-05	4.84E-05	1.02E-02
839	490786.72, 3860635.12	0.0119	0.0109	0.0045	0.0197	0.0037	0.0162	0.0108	0.0109	1.62E-02	2.15E-03	3.04E-08	1.26E-04	7.51E-05	9.94E-05	1.87E-02	7.90E-03	2.15E-03	3.04E-08	6.16E-05	3.65E-05	4.84E-05	1.02E-02
840	490136.72, 3860685.12	0.014	0.0076	0.0038	0.0252	0.0051	0.0166	0.0075	0.0076	1.90E-02	1.50E-03	2.57E-08	1.62E-04	1.04E-04	1.02E-04	2.09E-02	9.26E-03	1.50E-03	2.57E-08	7.90E-05	5.05E-05	4.95E-05	1.09E-02
841	490186.72, 3860685.12	0.0137	0.0078	0.0039	0.0245	0.0051	0.0165	0.0076	0.0078	1.87E-02	1.53E-03	2.65E-08	1.57E-04	1.03E-04	1.01E-04	2.06E-02	9.09E-03	1.53E-03	2.65E-08	7.66E-05	5.02E-05	4.91E-05	1.08E-02
842	490236.72, 3860685.12	0.0134	0.0079	0.004	0.0238	0.005	0.0163	0.0078	0.0079	1.82E-02	1.56E-03	2.72E-08	1.53E-04	1.01E-04	9.98E-05	2.02E-02	8.88E-03	1.56E-03	2.72E-08	7.44E-05	4.91E-05	4.86E-05	1.06E-02
843	490286.72, 3860685.12	0.0131	0.0081	0.0042	0.0231	0.0048	0.0161	0.0079	0.0081	1.78E-02	1.60E-03	2.81E-08	1.49E-04	9.83E-05	9.85E-05	1.98E-02	8.68E-03	1.60E-03	2.81E-08	7.24E-05	4.78E-05	4.79E-05	1.04E-02
844	490336.72, 3860685.12	0.0129	0.0083	0.0044	0.0226	0.0047	0.016	0.0081	0.0083	1.75E-02	1.63E-03	2.93E-08	1.45E-04	9.65E-05	9.80E-05	1.95E-02	8.53E-03	1.63E-03	2.93E-08	7.07E-05	4.70E-05	4.77E-05	1.03E-02
845	490386.72, 3860685.12	0.0127	0.0085	0.0045	0.0221	0.0046	0.0159	0.0083	0.0085	1.72E-02	1.67E-03	3.01E-08	1.42E-04	9.44E-05	9.75E-05	1.92E-02	8.38E-03	1.67E-03	3.01E-08	6.90E-05	4.60E-05	4.74E-05	1.02E-02
846	490436.72, 3860685.12	0.0124	0.0087	0.0045	0.0216	0.0045	0.0158	0.0085	0.0087	1.69E-02	1.71E-03	3.04E-08	1.39E-04	9.20E-05	9.69E-05	1.90E-02	8.24E-03	1.71E-03	3.04E-08	6.75E-05	4.48E-05	4.71E-05	1.01E-02
847	490486.72, 3860685.12	0.0122	0.0089	0.0045	0.0211	0.0044	0.0158	0.0087	0.0089	1.67E-02	1.75E-03	3.04E-08	1.36E-04	8.93E-05	9.64E-05	1.87E-02	8.10E-03	1.75E-03	3.04E-08	6.62E-05	4.35E-05	4.69E-05	1.00E-02
848	490536.72, 3860685.12	0.012	0.0091	0.0045	0.0207	0.0043	0.0157	0.0089	0.0091	1.64E-02	1.79E-03	3.02E-08	1.33E-04	8.69E-05	9.60E-05	1.85E-02	7.98E-03	1.79E-03	3.02E-08	6.49E-05	4.23E-05	4.67E-05	9.92E-03
849	490586.72, 3860685.12	0.0119	0.0093	0.0044	0.0204	0.0041	0.0157	0.0092	0.0093	1.62E-02	1.84E-03	2.99E-08	1.31E-04	8.42E-05	9.58E-05	1.83E-02	7.87E-03	1.84E-03	2.99E-08	6.37E-05	4.10E-05	4.66E-05	9.85E-03
850	490636.72, 3860685.12	0.0117	0.0096	0.0044	0.02	0.004	0.0156	0.0094	0.0096	1.59E-02	1.89E-03	2.96E-08	1.29E-04	8.18E-05	9.55E-05	1.81E-02	7.75E-03	1.89E-03	2.96E-08	6.26E-05	3.98E-05	4.65E-05	9.79E-03
851	490686.72, 3860685.12	0.0116	0.0098	0.0044	0.0197	0.0039	0.0156	0.0097	0.0098	1.57E-02	1.94E-03	2.94E-08	1.27E-04	7.95E-05	9.53E-05	1.80E-02	7.65E-03	1.94E-03	2.94E-08	6.16E-05	3.87E-05	4.64E-05	9.74E-03
852	490736.72, 3860685.12	0.0114	0.0101	0.0043	0.0194	0.0038	0.0155	0.01	0.0101	1.55E-02	1.99E-03	2.92E-08	1.25E-04	7.71E-05	9.51E-05	1.78E-02	7.55E-03	1.99E-03	2.92E-08	6.06E-05	3.75E-05	4.63E-05	9.69E-03
853	490786.72, 3860685.12	0.0113	0.0104	0.0043	0.0191	0.0037	0.0155	0.0103	0.0104	1.53E-02	2.05E-03	2.90E-08	1.23E-04	7.51E-05	9.51E-05	1.77E-02	7.46E-03	2.05E-03	2.90E-08	5.98E-05	3.65E-05	4.63E-05	9.65E-03
854	490136.72, 3860735.12	0.0129	0.0073	0.0036	0.0249	0.005	0.0157	0.0072	0.0073	1.75E-02	1.44E-03	2.41E-08	1.60E-04	1.01E-04	9.62E-05	1.93E-02	8.52E-03	1.44E-03	2.41E-08	7.79E-05	4.92E-05	4.68E-05	1.01E-02
855	490186.72, 3860735.12	0.0126	0.0075	0.0036	0.0241	0.0049	0.0156	0.0073	0.0075	1.72E-02	1.47E-03	2.45E-08	1.55E-04	9.99E-05	9.53E-05	1.90E-02	8.35E-03	1.47E-03	2.45E-08	7.54E-05	4.86E-05	4.64E-05	9.99E-03
856	490236.72, 3860735.12	0.0124	0.0076	0.0038	0.0234	0.0048	0.0154	0.0075	0.0076	1.68E-02	1.50E-03	2.53E-08	1.50E-04	9.87E-05	9.45E-05	1.87E-02	8.20E-03	1.50E-03	2.53E-08	7.31E-05	4.80E-05	4.60E-05	9.87E-03
857	490286.72, 3860735.12	0.0122	0.0078	0.0039	0.0227	0.0048	0.0153	0.0076	0.0078	1.66E-02	1.53E-03	2.63E-08	1.46E-04	9.73E-05	9.38E-05	1.84E-02	8.06E-03	1.53E-03	2.63E-08	7.11E-05	4.74E-05	4.57E-05	9.76E-03
858	490336.72, 3860735.12	0.012	0.008	0.0041	0.0221	0.0047	0.0152	0.0078	0.008	1.63E-02	1.57E-03	2.74E-08	1.42E-04	9.54E-05	9.32E-05	1.82E-02	7.93E-03	1.57E-03	2.74E-08	6.93E-05	4.65E-05	4.54E-05	9.65E-03
859	490386.72, 3860735.12	0.0118	0.0081	0.0042	0.0216	0.0046	0.0152	0.008	0.0081	1.60E-02	1.60E-03	2.83E-08	1.39E-04	9.38E-05	9.28E-05	1.80E-02	7.81E-03	1.60E-03	2.83E-08	6.77E-05	4.57E-05	4.51E-05	9.57E-03
860	490436.72, 3860735.12	0.0116	0.0083	0.0043	0.0212	0.0045	0.0151	0.0082	0.0083	1.58E-02	1.64E-03	2.91E-08	1.36E-04	9.20E-05	9.26E-05	1.78E-02	7.70E-03	1.64E-03	2.91E-08	6.62E-05	4.48E-05	4.51E-05	9.50E-03
861	490486.72, 3860735.12	0.0114	0.0085	0.0043	0.0207	0.0044	0.0151	0.0084	0.0085	1.56E-02	1.68E-03	2.92E-08	1.33E-04	8.93E-05	9.21E-05	1.76E-02	7.58E-03	1.68E-03	2.92E-08	6.48E-05	4.35E-05	4.48E-05	9.41E-03
862	490536.72, 3860735.12	0.0113	0.0087	0.0043	0.0203	0.0043	0.015	0.0086	0.0087	1.53E-02	1.72E-03	2.89E-08	1.30E-04	8.67E-05	9.15E-05	1.74E-02	7.47E-03	1.72E-03	2.89E-08	6.34E-05	4.22E-05	4.45E-05	9.34E-03
863	490586.72, 3860735.12	0.0111	0.0089	0.0042	0.0199	0.0041	0.0149	0.0088	0.0089	1.51E-02	1.76E-03	2.86E-08	1.28E-04	8.42E-05	9.11E-05	1.72E-02	7.36E-03	1.76E-03	2.86E-08	6.22E-05	4.10E-05	4.43E-05	9.27E-03
864	490636.72, 3860735.12	0.011	0.0092	0.0042	0.0195	0.004	0.0149	0.009	0.0092	1.49E-02	1.81E-03	2.83E-08	1.25E-04	8.16E-05	9.09E-05	1.70E-02	7.27E-03	1.81E-03	2.83E-08	6.11E-05	3.97E-05	4.42E-05	9.22E-03

865	490686.72, 3860735.12	0.0108	0.0094	0.0042	0.0192	0.0039	0.0148	0.0093	0.0094	1.48E-02	1.86E-03	2.81E-08	1.23E-04	7.93E-05	9.08E-05	1.69E-02	7.18E-03	1.86E-03	2.81E-08	6.01E-05	3.86E-05	4.42E-05	9.18E-03
866	490736.72, 3860735.12	0.0107	0.0097	0.0041	0.0189	0.0038	0.0148	0.0096	0.0097	1.46E-02	1.91E-03	2.79E-08	1.21E-04	7.71E-05	9.08E-05	1.68E-02	7.10E-03	1.91E-03	2.79E-08	5.91E-05	3.75E-05	4.42E-05	9.16E-03
867	490136.72, 3860785.12	0.0118	0.007	0.0034	0.0245	0.0048	0.0149	0.0069	0.007	1.61E-02	1.38E-03	2.28E-08	1.58E-04	9.87E-05	9.12E-05	1.78E-02	7.82E-03	1.38E-03	2.28E-08	7.67E-05	4.80E-05	4.44E-05	9.37E-03
868	490186.72, 3860785.12	0.0116	0.0072	0.0034	0.0237	0.0048	0.0148	0.007	0.0072	1.58E-02	1.41E-03	2.32E-08	1.53E-04	9.81E-05	9.04E-05	1.76E-02	7.69E-03	1.41E-03	2.32E-08	7.42E-05	4.78E-05	4.40E-05	9.27E-03
869	490236.72, 3860785.12	0.0114	0.0073	0.0035	0.023	0.0048	0.0147	0.0072	0.0073	1.55E-02	1.44E-03	2.38E-08	1.48E-04	9.71E-05	8.97E-05	1.73E-02	7.57E-03	1.44E-03	2.38E-08	7.20E-05	4.73E-05	4.37E-05	9.17E-03
870	490286.72, 3860785.12	0.0113	0.0075	0.0037	0.0223	0.0047	0.0146	0.0073	0.0075	1.53E-02	1.47E-03	2.46E-08	1.44E-04	9.59E-05	8.91E-05	1.71E-02	7.46E-03	1.47E-03	2.46E-08	6.99E-05	4.67E-05	4.34E-05	9.08E-03
871	490336.72, 3860785.12	0.0111	0.0076	0.0038	0.0218	0.0046	0.0145	0.0075	0.0076	1.51E-02	1.50E-03	2.57E-08	1.40E-04	9.44E-05	8.86E-05	1.69E-02	7.35E-03	1.50E-03	2.57E-08	6.81E-05	4.60E-05	4.31E-05	9.01E-03
872	490386.72, 3860785.12	0.011	0.0078	0.004	0.0212	0.0046	0.0144	0.0077	0.0078	1.49E-02	1.54E-03	2.67E-08	1.36E-04	9.30E-05	8.83E-05	1.68E-02	7.26E-03	1.54E-03	2.67E-08	6.64E-05	4.53E-05	4.30E-05	8.95E-03
873	490436.72, 3860785.12	0.0108	0.008	0.0041	0.0207	0.0045	0.0144	0.0078	0.008	1.47E-02	1.57E-03	2.74E-08	1.33E-04	9.10E-05	8.79E-05	1.66E-02	7.16E-03	1.57E-03	2.74E-08	6.49E-05	4.43E-05	4.28E-05	8.89E-03
874	490486.72, 3860785.12	0.0107	0.0082	0.0041	0.0203	0.0044	0.0143	0.008	0.0082	1.45E-02	1.61E-03	2.78E-08	1.31E-04	8.91E-05	8.77E-05	1.65E-02	7.08E-03	1.61E-03	2.78E-08	6.35E-05	4.34E-05	4.27E-05	8.84E-03
875	490536.72, 3860785.12	0.0105	0.0084	0.0041	0.0199	0.0043	0.0143	0.0082	0.0084	1.43E-02	1.65E-03	2.77E-08	1.28E-04	8.67E-05	8.73E-05	1.63E-02	6.98E-03	1.65E-03	2.77E-08	6.22E-05	4.22E-05	4.25E-05	8.78E-03
876	490586.72, 3860785.12	0.0104	0.0086	0.0041	0.0194	0.0041	0.0142	0.0084	0.0086	1.42E-02	1.69E-03	2.74E-08	1.25E-04	8.40E-05	8.67E-05	1.61E-02	6.89E-03	1.69E-03	2.74E-08	6.09E-05	4.09E-05	4.22E-05	8.72E-03
877	490636.72, 3860785.12	0.0103	0.0088	0.004	0.0191	0.004	0.0141	0.0086	0.0088	1.40E-02	1.73E-03	2.71E-08	1.23E-04	8.16E-05	8.65E-05	1.60E-02	6.81E-03	1.73E-03	2.71E-08	5.97E-05	3.97E-05	4.21E-05	8.69E-03
878	490686.72, 3860785.12	0.0102	0.009	0.004	0.0187	0.0039	0.0141	0.0089	0.009	1.38E-02	1.78E-03	2.69E-08	1.20E-04	7.91E-05	8.63E-05	1.59E-02	6.73E-03	1.78E-03	2.69E-08	5.86E-05	3.85E-05	4.20E-05	8.65E-03
879	490736.72, 3860785.12	0.0101	0.0093	0.004	0.0184	0.0038	0.0141	0.0091	0.0093	1.37E-02	1.83E-03	2.67E-08	1.18E-04	7.71E-05	8.63E-05	1.58E-02	6.67E-03	1.83E-03	2.67E-08	5.76E-05	3.75E-05	4.20E-05	8.63E-03
880	490086.72, 3860835.12	0.011	0.0066	0.0032	0.0251	0.0047	0.0143	0.0065	0.0066	1.50E-02	1.30E-03	2.17E-08	1.61E-04	9.67E-05	8.72E-05	1.66E-02	7.28E-03	1.30E-03	2.17E-08	7.86E-05	4.71E-05	4.24E-05	8.76E-03
881	490136.72, 3860835.12	0.0108	0.0068	0.0032	0.0242	0.0048	0.0142	0.0066	0.0068	1.48E-02	1.33E-03	2.18E-08	1.56E-04	9.69E-05	8.66E-05	1.64E-02	7.18E-03	1.33E-03	2.18E-08	7.58E-05	4.72E-05	4.21E-05	8.68E-03
882	490186.72, 3860835.12	0.0107	0.0069	0.0033	0.0234	0.0047	0.014	0.0068	0.0069	1.46E-02	1.36E-03	2.20E-08	1.50E-04	9.63E-05	8.58E-05	1.62E-02	7.08E-03	1.36E-03	2.20E-08	7.32E-05	4.69E-05	4.18E-05	8.60E-03
883	490236.72, 3860835.12	0.0105	0.007	0.0033	0.0226	0.0047	0.0139	0.0069	0.007	1.43E-02	1.38E-03	2.24E-08	1.46E-04	9.57E-05	8.52E-05	1.61E-02	6.98E-03	1.38E-03	2.24E-08	7.09E-05	4.66E-05	4.15E-05	8.53E-03
884	490286.72, 3860835.12	0.0104	0.0072	0.0035	0.022	0.0046	0.0138	0.007	0.0072	1.42E-02	1.41E-03	2.32E-08	1.41E-04	9.46E-05	8.47E-05	1.59E-02	6.90E-03	1.41E-03	2.32E-08	6.89E-05	4.61E-05	4.12E-05	8.47E-03
885	490336.72, 3860835.12	0.0103	0.0073	0.0036	0.0214	0.0046	0.0138	0.0072	0.0073	1.40E-02	1.44E-03	2.41E-08	1.38E-04	9.32E-05	8.42E-05	1.58E-02	6.81E-03	1.44E-03	2.41E-08	6.70E-05	4.54E-05	4.10E-05	8.41E-03
886	490386.72, 3860835.12	0.0102	0.0075	0.0037	0.0209	0.0045	0.0137	0.0073	0.0075	1.38E-02	1.47E-03	2.50E-08	1.34E-04	9.18E-05	8.38E-05	1.56E-02	6.73E-03	1.47E-03	2.50E-08	6.53E-05	4.47E-05	4.08E-05	8.36E-03
887	490436.72, 3860835.12	0.0101	0.0077	0.0039	0.0204	0.0044	0.0136	0.0075	0.0077	1.37E-02	1.51E-03	2.59E-08	1.31E-04	9.01E-05	8.35E-05	1.55E-02	6.66E-03	1.51E-03	2.59E-08	6.38E-05	4.39E-05	4.06E-05	8.32E-03
888	490486.72, 3860835.12	0.0099	0.0078	0.0039	0.0199	0.0043	0.0136	0.0077	0.0078	1.35E-02	1.54E-03	2.64E-08	1.28E-04	8.83E-05	8.32E-05	1.54E-02	6.59E-03	1.54E-03	2.64E-08	6.23E-05	4.30E-05	4.05E-05	8.28E-03
889	490536.72, 3860835.12	0.0098	0.008	0.004	0.0195	0.0042	0.0136	0.0079	0.008	1.34E-02	1.58E-03	2.66E-08	1.25E-04	8.63E-05	8.29E-05	1.53E-02	6.51E-03	1.58E-03	2.66E-08	6.10E-05	4.20E-05	4.04E-05	8.24E-03
890	490586.72, 3860835.12	0.0097	0.0082	0.0039	0.0191	0.0041	0.0135	0.0081	0.0082	1.32E-02	1.62E-03	2.64E-08	1.23E-04	8.38E-05	8.25E-05	1.52E-02	6.45E-03	1.62E-03	2.64E-08	5.97E-05	4.08E-05	4.02E-05	8.21E-03
891	490636.72, 3860835.12	0.0096	0.0084	0.0039	0.0187	0.004	0.0134	0.0083	0.0084	1.31E-02	1.66E-03	2.61E-08	1.20E-04	8.16E-05	8.22E-05	1.50E-02	6.38E-03	1.66E-03	2.61E-08	5.85E-05	3.97E-05	4.00E-05	8.17E-03
892	490686.72, 3860835.12	0.0095	0.0086	0.0038	0.0183	0.0039	0.0134	0.0085	0.0086	1.30E-02	1.70E-03	2.59E-08	1.18E-04	7.91E-05	8.21E-05	1.50E-02	6.32E-03	1.70E-03	2.59E-08	5.74E-05	3.85E-05	4.00E-05	8.15E-03
893	490736.72, 3860835.12	0.0094	0.0089	0.0038	0.018	0.0038	0.0134	0.0087	0.0089	1.29E-02	1.75E-03	2.56E-08	1.16E-04	7.71E-05	8.21E-05	1.49E-02	6.26E-03	1.75E-03	2.56E-08	5.64E-05	3.75E-05	4.00E-05	8.14E-03
894	490086.72, 3860885.12	0.0101	0.0064	0.0031	0.0248	0.0046	0.0135	0.0063	0.0064	1.37E-02	1.26E-03	2.08E-08	1.60E-04	9.46E-05	8.27E-05	1.53E-02	6.67E-03	1.26E-03	2.08E-08	7.77E-05	4.61E-05	4.03E-05	8.10E-03
895	490136.72, 3860885.12	0.01	0.0065	0.0031	0.0239	0.0047	0.0134	0.0064	0.0065	1.35E-02	1.28E-03	2.08E-08	1.54E-04	9.48E-05	8.20E-05	1.52E-02	6.59E-03	1.28E-03	2.08E-08	7.48E-05	4.62E-05	3.99E-05	8.04E-03
896	490186.72, 3860885.12	0.0098	0.0066	0.0031	0.0231	0.0046	0.0133	0.0065	0.0066	1.34E-02	1.31E-03	2.09E-08	1.48E-04	9.46E-05	8.14E-05	1.50E-02	6.52E-03	1.31E-03	2.09E-08	7.22E-05	4.61E-05	3.96E-05	7.98E-03
897	490236.72, 3860885.12	0.0097	0.0068	0.0032	0.0223	0.0046	0.0132	0.0066	0.0068	1.32E-02	1.33E-03	2.13E-08	1.44E-04	9.40E-05	8.09E-05	1.49E-02	6.45E-03	1.33E-03	2.13E-08	6.99E-05	4.58E-05	3.94E-05	7.93E-03
898	490286.72, 3860885.12	0.0096	0.0069	0.0033	0.0217	0.0046	0.0131	0.0068	0.0069	1.31E-02	1.36E-03	2.19E-08	1.39E-04	9.32E-05	8.04E-05	1.48E-02	6.38E-03	1.36E-03	2.19E-08	6.79E-05	4.54E-05	3.91E-05	7.88E-03
899	490336.72, 3860885.12	0.0095	0.007	0.0034	0.0211	0.0045	0.0131	0.0069	0.007	1.30E-02	1.38E-03	2.27E-08	1.36E-04	9.20E-05	7.99E-05	1.47E-02	6.31E-03	1.38E-03	2.27E-08	6.60E-05	4.48E-05	3.89E-05	7.84E-03
900	490386.72, 3860885.12	0.0094	0.0072	0.0035	0.0205	0.0045	0.013	0.007	0.0072	1.28E-02	1.41E-03	2.36E-08	1.32E-04	9.08E-05	7.96E-05	1.46E-02	6.25E-03	1.41E-03	2.36E-08	6.43E-05	4.42E-05	3.87E-05	7.81E-03
901	490436.72, 3860885.12	0.0093	0.0073	0.0036	0.02	0.0044	0.013	0.0072	0.0073	1.27E-02	1.45E-03	2.45E-08	1.29E-04	8.93E-05	7.93E-05	1.45E-02	6.19E-03	1.45E-03	2.45E-08	6.27E-05	4.35E-05	3.86E-05	7.78E-03
902	490486.72, 3860885.12	0.0093	0.0075	0.0037	0.0196	0.0043	0.0129	0.0074	0.0075	1.26E-02	1.48E-03	2.51E-08	1.26E-04	8.77E-05	7.91E-05	1.44E-02	6.14E-03	1.48E-03	2.51E-08	6.13E-05	4.27E-05	3.85E-05	7.76E-03
903	490536.72, 3860885.12	0.0092	0.0077	0.0038	0.0191	0.0042	0.0129	0.0075	0.0077	1.25E-02	1.51E-03	2.55E-08	1.23E-04	8.59E-05	7.87E-05	1.43E-02	6.08E-03	1.51E-03	2.55E-08	5.99E-05	4.18E-05	3.83E-05	7.73E-03
904	490586.72, 3860885.12	0.0091	0.0079	0.0038	0.0187	0.0041	0.0128	0.0077	0.0079	1.24E-02	1.55E-03	2.54E-08	1.20E-04	8.36E-05	7.85E-05	1.42E-02	6.02E-03	1.55E-03	2.54E-08	5.86E-05	4.07E-05	3.82E-05	7.70E-03
905	490636.72, 3860885.12	0.009	0.0081	0.0037	0.0183	0.004	0.0128	0.0079	0.0081	1.23E-02	1.59E-03	2.52E-08	1.18E-04	8.14E-05	7.82E-05	1.41E-02	5.96E-03	1.59E-03	2.52E-08	5.74E-05	3.96E-05	3.81E-05	7.69E-03
906	490686.72, 3860885.12	0.0089	0.0083	0.0037	0.018	0.0039	0.0128	0.0081	0.0083	1.21E-02	1.63E-03	2.49E-08	1.15E-04	7.91E-05	7.80E-05	1.40E-02	5.91E-03	1.63E-03	2.49E-08	5.62E-05	3.85E-05	3.80E-05	7.67E-03
907	490736.72, 3860885.12	0.0088	0.0085	0.0037	0.0176	0.0038	0.0127	0.0083	0.0085	1.20E-02	1.67E-03	2.46E-08	1.13E-04	7.69E-05	7.79E-05	1.40E-02	5.86E-03	1.67E-03	2.46E-08	5.52E-05	3.74E-05	3.79E-05	7.66E-03
908	490086.72, 3860935.12	0.0092	0.0062	0.003	0.0245	0.0045	0.0128	0.0061	0.0062	1.26E-02	1.22E-03	1.99E-08	1.58E-04	9.22E-05	7.83E-05	1.41E-02	6.12E-03	1.22E-03	1.99E-08	7.68E-05	4.49E-05	3.81E-05	7.49E-03
909	490136.72, 3860935.12	0.0091	0.0063	0.003	0.0236	0.0045	0.0127	0.0062	0.0063	1.24E-02	1.24E-03	1.99E-08	1.52E-04	9.24E-05	7.76E-05	1.40E-02	6.06E-03	1.24E-03	1.99E-08	7.39E-05	4.50E-05	3.78E-05	7.45E-03
910	490186.72, 3860935.12	0.0091	0.0064	0.003	0.0228	0.0045	0.0126	0.0063	0.0064	1.23E-02	1.26E-03	2.00E-08	1.47E-04	9.26E-05	7.72E-05	1.39E-02	6.00E-03	1.26E-03	2.00E-08	7.14E-05	4.51E-05	3.76E-05	7.42E-03
911	490236.72, 3860935.12	0.009	0.0065	0.003	0.0221	0.0045	0.0125	0.0064	0.0065	1.22E-02	1.28E-03	2.03E-08	1.42E-04	9.24E-05	7.67E-05	1.38E-02	5.95E-03	1.28E-03	2.03E-08	6.91E-05	4.50E-05	3.73E-05	7.38E-03
912	490286.72, 3860935.12	0.0089	0.0066	0.0031	0.0214	0.0045	0.0125	0.0065	0.0066	1.21E-02	1.31E-03	2.08E-08	1.38E-04	9.18E-05	7.64E-05	1.37E-02	5.90E-03	1.31E-03	2.08E-08	6.70E-05	4.47E-05	3.72E-05	7.35E-03
913	490336.72, 3860935.12	0.0088	0.0068	0.0032	0.0208	0.0045	0.0124	0.0066	0.0068	1.20E-02	1.33E-03	2.15E-08	1.34E-04	9.08E-05	7.59E-05	1.36E-02	5.84E-03	1.33E-03	2.15E-08	6.51E-05	4.42E-05	3.69E-05	7.32E-03
914	490386.72, 3860935.12	0.0088	0.0069	0.0033	0.0202	0.0044	0.0124	0.0068	0.0069	1.19E-02	1.36E-03	2.23E-08	1.30E-04	8.97E-05	7.56E-05	1.36E-02	5.80E-03	1.36E-03	2.23E-08	6.34E-05	4.37E-05	3.68E-05	7.30E-03
915	490436.72, 3860935.12	0.0087	0.0071	0.0034	0.0197	0.0043	0.0123	0.0069	0.0071	1.18E-02	1.39E-03	2.32E-08	1.27E-04	8.85E-05	7.54E-05	1.35E-02	5.75E-03	1.39E-03	2.32E-08	6.18E-05	4.31E-05	3.67E-05	7.28E-03
916	490486.72, 3860935.12	0.0086	0.0072	0.0036	0.0193	0.0043	0.0123	0.0071	0.0072	1.17E-02	1.42E-03	2.39E-08	1.24E-04	8.69E-05	7.51E-05	1.34E-02	5.71E-03	1.42E-03	2.39E-08	6.03E-05	4.23E-05	3.65E-05	7.27E-03
917	490536.72, 3860935.12	0.0086	0.0074	0.0036	0.0188	0.0042	0.0122	0.0072	0.0074	1.16E-02	1.45E-03	2.43E-08	1.21E-04	8.53E-05	7.48E-05	1.34E-02	5.67E-03	1.45E-03	2.43E-08	5.89E-05	4.15E-05	3.64E-05	7.25E-03
918	490586.72, 3860935.12	0.0085	0.0075	0.0036	0.0184	0.0041	0.0122	0.0074	0.0075	1.15E-02	1.48E-03	2.44E-08	1.18E-04	8.34E-05	7.46E-05	1.33E-02	5.62E-03	1.48E-03	2.44E-08	5.76E-05	4.06E-05	3.63E-05	7.24E-03
919	490636.72, 3860935.12	0.0084	0.0077	0.0036	0.018	0.004	0.0121	0.0076	0.0077	1.14E-02	1.52E-03	2.43E-08	1.16E-04	8.12E-05	7.43E-05	1.32E-02	5.57E-03	1.52E-03	2.43E-08	5.64E-05	3.95E-05	3.62E-05	7.22E-03
920	490686.72, 3860935.12	0.0084	0.0079	0.0036	0.0176	0.0039	0.0121	0.0078	0.0079	1.14E-02	1.56E-03	2.41E-08	1.13E-04	7.91E-05	7.41E-05	1.32E-02	5.53E-03	1.56E-03	2.41E-08	5.52E-05	3.85E-05	3.61E-05	7.22E-03
921	490736.72, 3860935.12	0.0083	0.0081	0.0035	0.0173	0.0038	0.0121	0.008	0.0081	1.13E-02	1.60E-03	2.38E-08	1.11E-04	7.69E-05	7.40E-05	1.31E-02	5.49E-03	1.60E-03	2.38E-08	5.41E-05	3.74E-05	3.60E-05	7.21E-03
922	490786.72, 3860935.12	0.0082	0.0083	0.0035	0.017	0.0037	0.0121	0.0082	0.0083	1.12E-02	1.64E-03	2.36E-08	1.09E-04	7.46E-05	7.39E-05	1.31E-02	5.45E-03	1.64E-03	2.36E-08	5.31E-05	3.63E-05	3.59E-05	7.21E-03
923	490836.72, 3860935.12	0.0082	0.0086	0.0035	0.0167	0.0036	0.0121	0.0084	0.0086	1.11E-02	1.68E-03	2.34E-08	1.07E-04	7.26E-05	7.39E-05	1.31E-02	5.41E-03	1.68E-03	2.34E-08	5.22E-05	3.53E-05	3.59E-05	7.22E-03
924	490086.72, 3860985.12	0.0085	0.006	0.0029	0.0243	0.0044	0.0121	0.0059	0.006	1.15E-02	1.18E-03	1.92E-08	1.56E-04	8.99E-05	7.41E-05	1.30E-02	5.62E-03	1.18E-03	1.92E-08	7.61E-05	4.38E-05	3.61E-05	6.95E-03
925	490136.72, 3860985.12	0.0084	0.0061	0.0028	0.0234	0.0044	0.012	0.006	0.0061	1.15E-02	1.20E-03	1.91E-08	1.50E-04	9.06E-05	7.36E-05	1.30E-02	5.58E-03	1.20E-03	1.91E-08	7.32E-05	4.41E-05	3.58E-05	6.93E-03
926	490186.72, 3860985.12	0.0084	0.0062	0.0029	0.0226	0.0045	0.012	0.0061	0.0062	1.14E-02	1.22E-03	1.92E-08	1.45E-04	9.08E-05	7.32E-05	1.29E-02	5.54E-03	1.22E-03	1.92E-08	7.06E-05	4.42E-05	3.56E-05	6.91E-03

927	490236.72, 3860985.12	0.0083	0.0063	0.0029	0.0218	0.0044	0.0119	0.0062	0.0063	1.13E-02	1.24E-03	1.94E-08	1.40E-04	9.06E-05	7.28E-05	1.28E-02	5.50E-03	1.24E-03	1.94E-08	6.83E-05	4.41E-05	3.54E-05	6.89E-03
928	490286.72, 3860985.12	0.0082	0.0064	0.0029	0.0211	0.0044	0.0118	0.0063	0.0064	1.12E-02	1.26E-03	1.97E-08	1.36E-04	9.01E-05	7.24E-05	1.28E-02	5.46E-03	1.26E-03	1.97E-08	6.62E-05	4.39E-05	3.52E-05	6.87E-03
929	490336.72, 3860985.12	0.0082	0.0065	0.003	0.0205	0.0044	0.0118	0.0064	0.0065	1.11E-02	1.29E-03	2.03E-08	1.32E-04	8.95E-05	7.21E-05	1.27E-02	5.42E-03	1.29E-03	2.03E-08	6.42E-05	4.36E-05	3.51E-05	6.85E-03
930	490386.72, 3860985.12	0.0081	0.0067	0.0031	0.02	0.0043	0.0117	0.0065	0.0067	1.11E-02	1.31E-03	2.11E-08	1.28E-04	8.85E-05	7.18E-05	1.27E-02	5.38E-03	1.31E-03	2.11E-08	6.25E-05	4.31E-05	3.49E-05	6.83E-03
931	490436.72, 3860985.12	0.0081	0.0068	0.0033	0.0195	0.0043	0.0117	0.0067	0.0068	1.10E-02	1.34E-03	2.20E-08	1.25E-04	8.77E-05	7.16E-05	1.26E-02	5.35E-03	1.34E-03	2.20E-08	6.09E-05	4.27E-05	3.48E-05	6.83E-03
932	490486.72, 3860985.12	0.008	0.0069	0.0034	0.019	0.0042	0.0117	0.0068	0.0069	1.09E-02	1.37E-03	2.27E-08	1.22E-04	8.63E-05	7.13E-05	1.26E-02	5.31E-03	1.37E-03	2.27E-08	5.94E-05	4.20E-05	3.47E-05	6.82E-03
933	490536.72, 3860985.12	0.008	0.0071	0.0035	0.0185	0.0042	0.0116	0.0069	0.0071	1.09E-02	1.39E-03	2.32E-08	1.19E-04	8.46E-05	7.10E-05	1.25E-02	5.28E-03	1.39E-03	2.32E-08	5.80E-05	4.12E-05	3.46E-05	6.81E-03
934	490586.72, 3860985.12	0.0079	0.0072	0.0035	0.0181	0.0041	0.0116	0.0071	0.0072	1.08E-02	1.43E-03	2.35E-08	1.16E-04	8.28E-05	7.08E-05	1.25E-02	5.24E-03	1.43E-03	2.35E-08	5.67E-05	4.03E-05	3.45E-05	6.80E-03
935	490636.72, 3860985.12	0.0079	0.0074	0.0035	0.0177	0.004	0.0115	0.0073	0.0074	1.07E-02	1.46E-03	2.35E-08	1.14E-04	8.10E-05	7.06E-05	1.24E-02	5.21E-03	1.46E-03	2.35E-08	5.54E-05	3.94E-05	3.44E-05	6.80E-03
936	490686.72, 3860985.12	0.0078	0.0076	0.0035	0.0173	0.0039	0.0115	0.0074	0.0076	1.06E-02	1.49E-03	2.33E-08	1.12E-04	7.89E-05	7.04E-05	1.24E-02	5.18E-03	1.49E-03	2.33E-08	5.43E-05	3.84E-05	3.43E-05	6.79E-03
937	490736.72, 3860985.12	0.0078	0.0078	0.0034	0.017	0.0038	0.0115	0.0076	0.0078	1.06E-02	1.53E-03	2.30E-08	1.09E-04	7.69E-05	7.02E-05	1.23E-02	5.14E-03	1.53E-03	2.30E-08	5.32E-05	3.74E-05	3.42E-05	6.79E-03
938	490786.72, 3860985.12	0.0077	0.008	0.0034	0.0167	0.0037	0.0115	0.0078	0.008	1.05E-02	1.57E-03	2.28E-08	1.07E-04	7.49E-05	7.01E-05	1.23E-02	5.11E-03	1.57E-03	2.28E-08	5.22E-05	3.64E-05	3.41E-05	6.80E-03
939	490836.72, 3860985.12	0.0077	0.0082	0.0034	0.0164	0.0036	0.0115	0.008	0.0082	1.04E-02	1.61E-03	2.26E-08	1.05E-04	7.28E-05	7.01E-05	1.23E-02	5.08E-03	1.61E-03	2.26E-08	5.13E-05	3.54E-05	3.41E-05	6.80E-03
940	490086.72, 3861035.12	0.0078	0.0058	0.0027	0.0241	0.0043	0.0115	0.0057	0.0058	1.06E-02	1.14E-03	1.85E-08	1.55E-04	8.75E-05	7.01E-05	1.21E-02	5.18E-03	1.14E-03	1.85E-08	7.53E-05	4.26E-05	3.41E-05	6.47E-03
941	490136.72, 3861035.12	0.0078	0.0059	0.0027	0.0231	0.0043	0.0114	0.0058	0.0059	1.06E-02	1.16E-03	1.84E-08	1.49E-04	8.83E-05	6.98E-05	1.20E-02	5.15E-03	1.16E-03	1.84E-08	7.25E-05	4.30E-05	3.40E-05	6.46E-03
942	490186.72, 3861035.12	0.0077	0.006	0.0027	0.0223	0.0044	0.0113	0.0059	0.006	1.05E-02	1.18E-03	1.84E-08	1.44E-04	8.87E-05	6.94E-05	1.20E-02	5.12E-03	1.18E-03	1.84E-08	6.99E-05	4.32E-05	3.38E-05	6.44E-03
943	490236.72, 3861035.12	0.0077	0.0061	0.0028	0.0216	0.0044	0.0113	0.006	0.0061	1.05E-02	1.20E-03	1.86E-08	1.39E-04	8.89E-05	6.91E-05	1.20E-02	5.09E-03	1.20E-03	1.86E-08	6.75E-05	4.33E-05	3.36E-05	6.44E-03
944	490286.72, 3861035.12	0.0076	0.0062	0.0028	0.0209	0.0043	0.0112	0.0061	0.0062	1.04E-02	1.22E-03	1.89E-08	1.34E-04	8.85E-05	6.87E-05	1.19E-02	5.06E-03	1.22E-03	1.89E-08	6.54E-05	4.31E-05	3.34E-05	6.42E-03
945	490336.72, 3861035.12	0.0076	0.0063	0.0029	0.0203	0.0043	0.0112	0.0062	0.0063	1.03E-02	1.24E-03	1.93E-08	1.30E-04	8.79E-05	6.83E-05	1.19E-02	5.03E-03	1.24E-03	1.93E-08	6.34E-05	4.28E-05	3.33E-05	6.41E-03
946	490386.72, 3861035.12	0.0076	0.0064	0.003	0.0197	0.0043	0.0112	0.0063	0.0064	1.03E-02	1.27E-03	2.00E-08	1.27E-04	8.75E-05	6.82E-05	1.18E-02	5.00E-03	1.27E-03	2.00E-08	6.17E-05	4.26E-05	3.32E-05	6.41E-03
947	490436.72, 3861035.12	0.0075	0.0066	0.0031	0.0192	0.0043	0.0111	0.0064	0.0066	1.02E-02	1.29E-03	2.08E-08	1.24E-04	8.67E-05	6.80E-05	1.18E-02	4.98E-03	1.29E-03	2.08E-08	6.01E-05	4.22E-05	3.31E-05	6.41E-03
948	490486.72, 3861035.12	0.0075	0.0067	0.0032	0.0187	0.0042	0.0111	0.0066	0.0067	1.02E-02	1.32E-03	2.15E-08	1.20E-04	8.55E-05	6.78E-05	1.18E-02	4.96E-03	1.32E-03	2.15E-08	5.86E-05	4.16E-05	3.30E-05	6.41E-03
949	490536.72, 3861035.12	0.0074	0.0068	0.0033	0.0183	0.0041	0.011	0.0067	0.0068	1.01E-02	1.35E-03	2.22E-08	1.17E-04	8.40E-05	6.75E-05	1.17E-02	4.92E-03	1.35E-03	2.22E-08	5.72E-05	4.09E-05	3.29E-05	6.40E-03
950	490586.72, 3861035.12	0.0074	0.007	0.0034	0.0178	0.004	0.011	0.0068	0.007	1.01E-02	1.37E-03	2.26E-08	1.15E-04	8.24E-05	6.73E-05	1.17E-02	4.90E-03	1.37E-03	2.26E-08	5.59E-05	4.01E-05	3.28E-05	6.40E-03
951	490636.72, 3861035.12	0.0074	0.0071	0.0034	0.0174	0.004	0.011	0.007	0.0071	1.00E-02	1.40E-03	2.26E-08	1.12E-04	8.06E-05	6.71E-05	1.17E-02	4.87E-03	1.40E-03	2.26E-08	5.46E-05	3.92E-05	3.27E-05	6.40E-03
952	490686.72, 3861035.12	0.0073	0.0073	0.0034	0.0171	0.0039	0.0109	0.0071	0.0073	9.95E-03	1.43E-03	2.26E-08	1.10E-04	7.87E-05	6.69E-05	1.16E-02	4.84E-03	1.43E-03	2.26E-08	5.34E-05	3.83E-05	3.26E-05	6.40E-03
953	490736.72, 3861035.12	0.0073	0.0074	0.0033	0.0167	0.0038	0.0109	0.0073	0.0074	9.90E-03	1.47E-03	2.24E-08	1.08E-04	7.67E-05	6.68E-05	1.16E-02	4.82E-03	1.47E-03	2.24E-08	5.24E-05	3.73E-05	3.25E-05	6.41E-03
954	490786.72, 3861035.12	0.0072	0.0076	0.0033	0.0164	0.0037	0.0109	0.0075	0.0076	9.84E-03	1.50E-03	2.22E-08	1.06E-04	7.49E-05	6.67E-05	1.16E-02	4.79E-03	1.50E-03	2.22E-08	5.14E-05	3.64E-05	3.25E-05	6.41E-03
955	490836.72, 3861035.12	0.0072	0.0078	0.0033	0.0161	0.0036	0.0109	0.0077	0.0078	9.79E-03	1.54E-03	2.19E-08	1.04E-04	7.28E-05	6.67E-05	1.16E-02	4.76E-03	1.54E-03	2.19E-08	5.04E-05	3.54E-05	3.25E-05	6.42E-03
956	490086.72, 3861085.12	0.0072	0.0056	0.0026	0.0239	0.0042	0.0108	0.0055	0.0056	9.84E-03	1.11E-03	1.78E-08	1.53E-04	8.50E-05	6.63E-05	1.13E-02	4.79E-03	1.11E-03	1.78E-08	7.47E-05	4.14E-05	3.23E-05	6.05E-03
957	490136.72, 3861085.12	0.0072	0.0057	0.0026	0.0229	0.0042	0.0108	0.0056	0.0057	9.80E-03	1.13E-03	1.77E-08	1.47E-04	8.63E-05	6.61E-05	1.12E-02	4.77E-03	1.13E-03	1.77E-08	7.18E-05	4.20E-05	3.22E-05	6.04E-03
958	490186.72, 3861085.12	0.0072	0.0058	0.0026	0.0221	0.0043	0.0108	0.0057	0.0058	9.76E-03	1.15E-03	1.78E-08	1.42E-04	8.71E-05	6.59E-05	1.12E-02	4.75E-03	1.15E-03	1.78E-08	6.93E-05	4.24E-05	3.21E-05	6.04E-03
959	490236.72, 3861085.12	0.0071	0.0059	0.0027	0.0214	0.0043	0.0107	0.0058	0.0059	9.71E-03	1.16E-03	1.78E-08	1.37E-04	8.71E-05	6.55E-05	1.12E-02	4.72E-03	1.16E-03	1.78E-08	6.69E-05	4.24E-05	3.19E-05	6.03E-03
960	490286.72, 3861085.12	0.0071	0.006	0.0027	0.0207	0.0043	0.0107	0.0059	0.006	9.65E-03	1.18E-03	1.80E-08	1.33E-04	8.71E-05	6.53E-05	1.11E-02	4.70E-03	1.18E-03	1.80E-08	6.47E-05	4.24E-05	3.18E-05	6.02E-03
961	490336.72, 3861085.12	0.0071	0.0061	0.0027	0.02	0.0043	0.0106	0.006	0.0061	9.61E-03	1.20E-03	1.85E-08	1.29E-04	8.67E-05	6.50E-05	1.11E-02	4.68E-03	1.20E-03	1.85E-08	6.27E-05	4.22E-05	3.16E-05	6.02E-03
962	490386.72, 3861085.12	0.007	0.0062	0.0028	0.0195	0.0042	0.0106	0.0061	0.0062	9.57E-03	1.23E-03	1.90E-08	1.25E-04	8.63E-05	6.48E-05	1.11E-02	4.66E-03	1.23E-03	1.90E-08	6.10E-05	4.20E-05	3.15E-05	6.02E-03
963	490436.72, 3861085.12	0.007	0.0063	0.0029	0.019	0.0042	0.0106	0.0062	0.0063	9.53E-03	1.25E-03	1.97E-08	1.22E-04	8.55E-05	6.46E-05	1.11E-02	4.64E-03	1.25E-03	1.97E-08	5.94E-05	4.16E-05	3.14E-05	6.02E-03
964	490486.72, 3861085.12	0.007	0.0065	0.003	0.0185	0.0041	0.0105	0.0063	0.0065	9.49E-03	1.27E-03	2.05E-08	1.19E-04	8.44E-05	6.44E-05	1.10E-02	4.62E-03	1.27E-03	2.05E-08	5.78E-05	4.11E-05	3.14E-05	6.02E-03
965	490536.72, 3861085.12	0.0069	0.0066	0.0031	0.018	0.0041	0.0105	0.0065	0.0066	9.45E-03	1.30E-03	2.11E-08	1.16E-04	8.32E-05	6.43E-05	1.10E-02	4.60E-03	1.30E-03	2.11E-08	5.65E-05	4.05E-05	3.13E-05	6.03E-03
966	490586.72, 3861085.12	0.0069	0.0067	0.0032	0.0176	0.004	0.0105	0.0066	0.0067	9.41E-03	1.32E-03	2.16E-08	1.13E-04	8.18E-05	6.41E-05	1.10E-02	4.58E-03	1.32E-03	2.16E-08	5.51E-05	3.98E-05	3.12E-05	6.03E-03
967	490636.72, 3861085.12	0.0069	0.0069	0.0032	0.0172	0.0039	0.0104	0.0067	0.0069	9.37E-03	1.35E-03	2.18E-08	1.11E-04	8.02E-05	6.38E-05	1.10E-02	4.56E-03	1.35E-03	2.18E-08	5.39E-05	3.90E-05	3.11E-05	6.03E-03
968	490686.72, 3861085.12	0.0068	0.007	0.0032	0.0168	0.0038	0.0104	0.0069	0.007	9.31E-03	1.38E-03	2.18E-08	1.08E-04	7.83E-05	6.37E-05	1.09E-02	4.53E-03	1.38E-03	2.18E-08	5.27E-05	3.81E-05	3.10E-05	6.03E-03
969	490736.72, 3861085.12	0.0068	0.0072	0.0032	0.0165	0.0038	0.0104	0.007	0.0072	9.27E-03	1.41E-03	2.17E-08	1.06E-04	7.67E-05	6.36E-05	1.09E-02	4.51E-03	1.41E-03	2.17E-08	5.16E-05	3.73E-05	3.09E-05	6.04E-03
970	490786.72, 3861085.12	0.0068	0.0073	0.0032	0.0162	0.0037	0.0104	0.0072	0.0073	9.23E-03	1.44E-03	2.15E-08	1.04E-04	7.49E-05	6.35E-05	1.09E-02	4.49E-03	1.44E-03	2.15E-08	5.06E-05	3.64E-05	3.09E-05	6.05E-03
971	490836.72, 3861085.12	0.0068	0.0075	0.0032	0.0159	0.0036	0.0104	0.0073	0.0075	9.19E-03	1.47E-03	2.13E-08	1.02E-04	7.28E-05	6.34E-05	1.09E-02	4.47E-03	1.47E-03	2.13E-08	4.97E-05	3.54E-05	3.09E-05	6.06E-03
972	490086.72, 3861135.12	0.0067	0.0055	0.0026	0.0237	0.0041	0.0102	0.0054	0.0055	9.14E-03	1.08E-03	1.72E-08	1.52E-04	8.26E-05	6.26E-05	1.05E-02	4.45E-03	1.08E-03	1.72E-08	7.40E-05	4.02E-05	3.05E-05	5.67E-03
973	490136.72, 3861135.12	0.0067	0.0056	0.0025	0.0227	0.0041	0.0102	0.0055	0.0056	9.09E-03	1.09E-03	1.71E-08	1.46E-04	8.38E-05	6.25E-05	1.05E-02	4.43E-03	1.09E-03	1.71E-08	7.12E-05	4.08E-05	3.04E-05	5.66E-03
974	490186.72, 3861135.12	0.0067	0.0057	0.0025	0.0219	0.0042	0.0102	0.0056	0.0057	9.07E-03	1.11E-03	1.71E-08	1.41E-04	8.48E-05	6.23E-05	1.05E-02	4.41E-03	1.11E-03	1.71E-08	6.86E-05	4.13E-05	3.03E-05	5.67E-03
975	490236.72, 3861135.12	0.0066	0.0057	0.0026	0.0212	0.0042	0.0102	0.0057	0.0057	9.04E-03	1.13E-03	1.72E-08	1.36E-04	8.55E-05	6.22E-05	1.05E-02	4.40E-03	1.13E-03	1.72E-08	6.63E-05	4.16E-05	3.03E-05	5.67E-03
976	490286.72, 3861135.12	0.0066	0.0058	0.0026	0.0205	0.0042	0.0101	0.0057	0.0058	9.00E-03	1.15E-03	1.74E-08	1.32E-04	8.55E-05	6.20E-05	1.04E-02	4.38E-03	1.15E-03	1.74E-08	6.41E-05	4.16E-05	3.02E-05	5.66E-03
977	490336.72, 3861135.12	0.0066	0.0059	0.0026	0.0198	0.0042	0.0101	0.0058	0.0059	8.96E-03	1.17E-03	1.76E-08	1.28E-04	8.53E-05	6.18E-05	1.04E-02	4.36E-03	1.17E-03	1.76E-08	6.21E-05	4.15E-05	3.01E-05	5.66E-03
978	490386.72, 3861135.12	0.0066	0.006	0.0027	0.0193	0.0042	0.0101	0.0059	0.006	8.93E-03	1.19E-03	1.81E-08	1.24E-04	8.48E-05	6.16E-05	1.04E-02	4.35E-03	1.19E-03	1.81E-08	6.03E-05	4.13E-05	3.00E-05	5.67E-03
979	490436.72, 3861135.12	0.0065	0.0061	0.0028	0.0187	0.0041	0.0101	0.006	0.0061	8.90E-03	1.21E-03	1.87E-08	1.21E-04	8.42E-05	6.15E-05	1.04E-02	4.33E-03	1.21E-03	1.87E-08	5.87E-05	4.10E-05	2.99E-05	5.67E-03
980	490486.72, 3861135.12	0.0065	0.0063	0.0029	0.0183	0.0041	0.01	0.0061	0.0063	8.86E-03	1.23E-03	1.95E-08	1.17E-04	8.34E-05	6.13E-05	1.04E-02	4.31E-03	1.23E-03	1.95E-08	5.71E-05	4.06E-05	2.98E-05	5.67E-03
981	490536.72, 3861135.12	0.0065	0.0064	0.003	0.0178	0.004	0.01	0.0063	0.0064	8.84E-03	1.25E-03	2.01E-08	1.14E-04	8.24E-05	6.12E-05	1.03E-02	4.30E-03	1.25E-03	2.01E-08	5.57E-05	4.01E-05	2.98E-05	5.68E-03
982	490586.72, 3861135.12	0.0065	0.0065	0.0031	0.0174	0.004	0.01	0.0064	0.0065	8.81E-03	1.28E-03	2.07E-08	1.12E-04	8.12E-05	6.10E-05	1.03E-02	4.29E-03	1.28E-03	2.07E-08	5.44E-05	3.95E-05	2.97E-05	5.69E-03
983	490636.72, 3861135.12	0.0064	0.0066	0.0031	0.017	0.0039	0.0099	0.0065	0.0066	8.77E-03	1.30E-03	2.10E-08	1.09E-04	7.95E-05	6.08E-05	1.03E-02	4.27E-03	1.30E-03	2.10E-08	5.32E-05	3.87E-05	2.96E-05	5.69E-03
984	490686.72, 3861135.12	0.0064	0.0068	0.0031	0.0166	0.0038	0.0099	0.0066	0.0068	8.74E-03	1.33E-03	2.11E-08	1.07E-04	7.81E-05	6.07E-05	1.03E-02	4.25E-03	1.33E-03	2.11E-08	5.20E-05	3.80E-05	2.95E-05	5.70E-03
985	490736.72, 3861135.12	0.0064	0.0069	0.0031	0.0163	0.0038	0.0099	0.0068	0.0069	8.70E-03	1.36E-03	2.11E-08	1.05E-04	7.65E-05	6.06E-05	1.03E-02	4.23E-03	1.36E-03	2.11E-08	5.09E-05	3.72E-05	2.95E-05	5.71E-03
986	490786.72, 3861135.12	0.0064	0.007	0.0031	0.016	0.0037	0.0099	0.0069	0.007	8.67E-03	1.39E-03	2.09E-08	1.03E-04	7.46E-05	6.06E-05	1.03E-02	4.22E-03	1.39E-03	2.09E-08	4.99E-05	3.63E-05	2.95E-05	5.72E-03
987	490836.72, 3861135.12	0.0064	0.0072	0.0031	0.0157	0.0036	0.0099	0.0071	0.0072	8.65E-03	1.42E-03	2.07E-08	1.01E-04	7.28E-05	6.05E-05	1.03E-02	4.21E-03	1.42E-03	2.07E-08	4.90E-05	3.54E-05	2.94E-05	5.74E-03
988	490086.72, 3861185.12	0.0063	0.0053	0.0025	0.0235	0.0039	0.0097	0.0053	0.0053	8.51E-03	1.05E-03	1.66E-08	1.51E-04	8.02E-05	5.92E-05	9.85E-03	4.14E-03	1.05E-03	1.66E-08	7.35E-05	3.90E-05	2.88E-05	5.33E-03

989	490136.72, 3861185.12	0.0062	0.0054	0.0025	0.0225	0.004	0.0097	0.0053	0.0054	8.48E-03	1.06E-03	1.65E-08	1.45E-04	8.14E-05	5.90E-05	9.83E-03	4.13E-03	1.06E-03	1.65E-08	7.05E-05	3.96E-05	2.87E-05	5.33E-03
990	490186.72, 3861185.12	0.0062	0.0055	0.0025	0.0217	0.0041	0.0096	0.0054	0.0055	8.45E-03	1.08E-03	1.65E-08	1.40E-04	8.26E-05	5.89E-05	9.82E-03	4.12E-03	1.08E-03	1.65E-08	6.79E-05	4.02E-05	2.87E-05	5.33E-03
991	490236.72, 3861185.12	0.0062	0.0056	0.0025	0.021	0.0041	0.0096	0.0055	0.0056	8.43E-03	1.10E-03	1.66E-08	1.35E-04	8.32E-05	5.89E-05	9.80E-03	4.10E-03	1.10E-03	1.66E-08	6.56E-05	4.05E-05	2.87E-05	5.33E-03
992	490286.72, 3861185.12	0.0062	0.0057	0.0025	0.0203	0.0041	0.0096	0.0056	0.0057	8.40E-03	1.12E-03	1.67E-08	1.30E-04	8.38E-05	5.89E-05	9.79E-03	4.09E-03	1.12E-03	1.67E-08	6.35E-05	4.08E-05	2.87E-05	5.34E-03
993	490336.72, 3861185.12	0.0062	0.0058	0.0025	0.0196	0.0041	0.0096	0.0057	0.0058	8.37E-03	1.13E-03	1.69E-08	1.26E-04	8.36E-05	5.86E-05	9.77E-03	4.08E-03	1.13E-03	1.69E-08	6.15E-05	4.07E-05	2.85E-05	5.34E-03
994	490386.72, 3861185.12	0.0061	0.0059	0.0026	0.0191	0.0041	0.0096	0.0058	0.0059	8.35E-03	1.15E-03	1.73E-08	1.23E-04	8.34E-05	5.86E-05	9.76E-03	4.06E-03	1.15E-03	1.73E-08	5.97E-05	4.06E-05	2.85E-05	5.34E-03
995	490436.72, 3861185.12	0.0061	0.006	0.0027	0.0185	0.0041	0.0096	0.0059	0.006	8.33E-03	1.17E-03	1.78E-08	1.19E-04	8.30E-05	5.85E-05	9.77E-03	4.06E-03	1.17E-03	1.78E-08	5.80E-05	4.04E-05	2.85E-05	5.35E-03
996	490486.72, 3861185.12	0.0061	0.0061	0.0027	0.0181	0.004	0.0095	0.006	0.0061	8.30E-03	1.19E-03	1.85E-08	1.16E-04	8.22E-05	5.84E-05	9.76E-03	4.04E-03	1.19E-03	1.85E-08	5.65E-05	4.00E-05	2.84E-05	5.36E-03
997	490536.72, 3861185.12	0.0061	0.0062	0.0029	0.0176	0.004	0.0095	0.0061	0.0062	8.29E-03	1.22E-03	1.92E-08	1.13E-04	8.16E-05	5.84E-05	9.76E-03	4.04E-03	1.22E-03	1.92E-08	5.51E-05	3.97E-05	2.84E-05	5.37E-03
998	490586.72, 3861185.12	0.0061	0.0063	0.0029	0.0172	0.0039	0.0095	0.0062	0.0063	8.26E-03	1.24E-03	1.97E-08	1.11E-04	8.04E-05	5.82E-05	9.75E-03	4.02E-03	1.24E-03	1.97E-08	5.38E-05	3.91E-05	2.84E-05	5.38E-03
999	490636.72, 3861185.12	0.006	0.0064	0.003	0.0168	0.0039	0.0095	0.0063	0.0064	8.22E-03	1.26E-03	2.01E-08	1.08E-04	7.89E-05	5.80E-05	9.73E-03	4.00E-03	1.26E-03	2.01E-08	5.25E-05	3.84E-05	2.82E-05	5.38E-03
1000	490686.72, 3861185.12	0.006	0.0065	0.003	0.0164	0.0038	0.0095	0.0064	0.0065	8.20E-03	1.28E-03	2.04E-08	1.05E-04	7.75E-05	5.79E-05	9.72E-03	3.99E-03	1.28E-03	2.04E-08	5.13E-05	3.77E-05	2.82E-05	5.39E-03
1001	490736.72, 3861185.12	0.006	0.0067	0.003	0.0161	0.0037	0.0095	0.0065	0.0067	8.18E-03	1.31E-03	2.05E-08	1.03E-04	7.61E-05	5.79E-05	9.73E-03	3.98E-03	1.31E-03	2.05E-08	5.03E-05	3.70E-05	2.82E-05	5.41E-03
1002	490786.72, 3861185.12	0.006	0.0068	0.003	0.0158	0.0037	0.0095	0.0067	0.0068	8.16E-03	1.34E-03	2.03E-08	1.01E-04	7.46E-05	5.78E-05	9.73E-03	3.97E-03	1.34E-03	2.03E-08	4.93E-05	3.63E-05	2.81E-05	5.42E-03
1003	490836.72, 3861185.12	0.006	0.0069	0.003	0.0155	0.0036	0.0094	0.0068	0.0069	8.13E-03	1.37E-03	2.02E-08	9.94E-05	7.28E-05	5.78E-05	9.73E-03	3.96E-03	1.37E-03	2.02E-08	4.84E-05	3.54E-05	2.81E-05	5.44E-03
1004	490086.72, 3861235.12	0.0058	0.0052	0.0024	0.0233	0.0038	0.0092	0.0051	0.0052	7.95E-03	1.02E-03	1.61E-08	1.50E-04	7.77E-05	5.60E-05	9.25E-03	3.87E-03	1.02E-03	1.61E-08	7.29E-05	3.78E-05	2.73E-05	5.03E-03
1005	490136.72, 3861235.12	0.0058	0.0053	0.0024	0.0223	0.0039	0.0091	0.0052	0.0053	7.94E-03	1.03E-03	1.60E-08	1.44E-04	7.91E-05	5.59E-05	9.25E-03	3.86E-03	1.03E-03	1.60E-08	6.99E-05	3.85E-05	2.72E-05	5.03E-03
1006	490186.72, 3861235.12	0.0058	0.0053	0.0024	0.0215	0.0039	0.0091	0.0053	0.0053	7.91E-03	1.05E-03	1.60E-08	1.38E-04	8.04E-05	5.59E-05	9.23E-03	3.85E-03	1.05E-03	1.60E-08	6.73E-05	3.91E-05	2.72E-05	5.03E-03
1007	490236.72, 3861235.12	0.0058	0.0054	0.0024	0.0208	0.004	0.0091	0.0053	0.0054	7.88E-03	1.07E-03	1.60E-08	1.33E-04	8.12E-05	5.58E-05	9.22E-03	3.84E-03	1.07E-03	1.60E-08	6.50E-05	3.95E-05	2.72E-05	5.03E-03
1008	490386.72, 3861235.12	0.0058	0.0057	0.0025	0.0189	0.004	0.0091	0.0056	0.0057	7.83E-03	1.12E-03	1.66E-08	1.21E-04	8.18E-05	5.56E-05	9.20E-03	3.81E-03	1.12E-03	1.66E-08	5.90E-05	3.98E-05	2.71E-05	5.05E-03
1009	490436.72, 3861235.12	0.0057	0.0058	0.0025	0.0183	0.004	0.0091	0.0057	0.0058	7.80E-03	1.14E-03	1.70E-08	1.18E-04	8.14E-05	5.56E-05	9.19E-03	3.80E-03	1.14E-03	1.70E-08	5.74E-05	3.96E-05	2.70E-05	5.06E-03
1010	490486.72, 3861235.12	0.0057	0.0059	0.0026	0.0178	0.004	0.0091	0.0058	0.0059	7.79E-03	1.16E-03	1.76E-08	1.15E-04	8.10E-05	5.55E-05	9.20E-03	3.79E-03	1.16E-03	1.76E-08	5.58E-05	3.94E-05	2.70E-05	5.07E-03
1011	490536.72, 3861235.12	0.0057	0.006	0.0027	0.0174	0.004	0.0091	0.0059	0.006	7.77E-03	1.18E-03	1.82E-08	1.12E-04	8.06E-05	5.56E-05	9.20E-03	3.78E-03	1.18E-03	1.82E-08	5.45E-05	3.92E-05	2.71E-05	5.08E-03
1012	490586.72, 3861235.12	0.0057	0.0061	0.0028	0.017	0.0039	0.0091	0.006	0.0061	7.76E-03	1.20E-03	1.89E-08	1.09E-04	7.97E-05	5.57E-05	9.20E-03	3.78E-03	1.20E-03	1.89E-08	5.33E-05	3.88E-05	2.71E-05	5.10E-03
1013	490636.72, 3861235.12	0.0057	0.0062	0.0029	0.0166	0.0038	0.0091	0.0061	0.0062	7.73E-03	1.22E-03	1.93E-08	1.07E-04	7.83E-05	5.54E-05	9.19E-03	3.76E-03	1.22E-03	1.93E-08	5.19E-05	3.81E-05	2.70E-05	5.10E-03
1014	490686.72, 3861235.12	0.0057	0.0063	0.0029	0.0162	0.0038	0.009	0.0062	0.0063	7.71E-03	1.24E-03	1.97E-08	1.04E-04	7.71E-05	5.53E-05	9.19E-03	3.75E-03	1.24E-03	1.97E-08	5.08E-05	3.75E-05	2.69E-05	5.11E-03
1015	490736.72, 3861235.12	0.0057	0.0064	0.0029	0.0159	0.0037	0.009	0.0063	0.0064	7.69E-03	1.27E-03	1.98E-08	1.02E-04	7.57E-05	5.53E-05	9.19E-03	3.74E-03	1.27E-03	1.98E-08	4.98E-05	3.68E-05	2.69E-05	5.12E-03
1016	490786.72, 3861235.12	0.0056	0.0066	0.0029	0.0156	0.0037	0.009	0.0064	0.0066	7.68E-03	1.29E-03	1.98E-08	1.00E-04	7.44E-05	5.53E-05	9.20E-03	3.74E-03	1.29E-03	1.98E-08	4.88E-05	3.62E-05	2.69E-05	5.14E-03
1017	490836.72, 3861235.12	0.0056	0.0067	0.0029	0.0153	0.0036	0.009	0.0066	0.0067	7.66E-03	1.32E-03	1.97E-08	9.84E-05	7.28E-05	5.52E-05	9.21E-03	3.73E-03	1.32E-03	1.97E-08	4.79E-05	3.54E-05	2.69E-05	5.16E-03
1018	490086.72, 3861285.12	0.0055	0.005	0.0023	0.0231	0.0037	0.0087	0.005	0.005	7.47E-03	9.93E-04	1.56E-08	1.49E-04	7.53E-05	5.31E-05	8.74E-03	3.64E-03	9.93E-04	1.56E-08	7.24E-05	3.66E-05	2.59E-05	4.77E-03
1019	490136.72, 3861285.12	0.0055	0.0051	0.0023	0.0222	0.0038	0.0087	0.0051	0.0051	7.46E-03	1.01E-03	1.56E-08	1.43E-04	7.71E-05	5.32E-05	8.74E-03	3.63E-03	1.01E-03	1.56E-08	6.95E-05	3.75E-05	2.59E-05	4.77E-03
1020	490186.72, 3861285.12	0.0055	0.0052	0.0023	0.0214	0.0038	0.0087	0.0051	0.0052	7.43E-03	1.02E-03	1.54E-08	1.37E-04	7.83E-05	5.31E-05	8.72E-03	3.62E-03	1.02E-03	1.54E-08	6.68E-05	3.81E-05	2.59E-05	4.77E-03
1021	490236.72, 3861285.12	0.0055	0.0053	0.0023	0.0206	0.0039	0.0087	0.0052	0.0053	7.42E-03	1.04E-03	1.55E-08	1.32E-04	7.93E-05	5.30E-05	8.72E-03	3.61E-03	1.04E-03	1.55E-08	6.45E-05	3.86E-05	2.58E-05	4.78E-03
1022	490386.72, 3861285.12	0.0054	0.0055	0.0024	0.0187	0.0039	0.0087	0.0054	0.0055	7.35E-03	1.09E-03	1.59E-08	1.20E-04	8.04E-05	5.30E-05	8.69E-03	3.58E-03	1.09E-03	1.59E-08	5.85E-05	3.91E-05	2.58E-05	4.79E-03
1023	490436.72, 3861285.12	0.0054	0.0056	0.0024	0.0182	0.0039	0.0087	0.0055	0.0056	7.34E-03	1.10E-03	1.63E-08	1.17E-04	8.02E-05	5.30E-05	8.69E-03	3.57E-03	1.10E-03	1.63E-08	5.69E-05	3.90E-05	2.58E-05	4.80E-03
1024	490486.72, 3861285.12	0.0054	0.0057	0.0025	0.0177	0.0039	0.0087	0.0056	0.0057	7.32E-03	1.12E-03	1.68E-08	1.14E-04	7.97E-05	5.29E-05	8.69E-03	3.57E-03	1.12E-03	1.68E-08	5.53E-05	3.88E-05	2.58E-05	4.81E-03
1025	490536.72, 3861285.12	0.0054	0.0058	0.0026	0.0172	0.0039	0.0087	0.0057	0.0058	7.31E-03	1.14E-03	1.74E-08	1.11E-04	7.91E-05	5.29E-05	8.69E-03	3.56E-03	1.14E-03	1.74E-08	5.39E-05	3.85E-05	2.58E-05	4.82E-03
1026	490586.72, 3861285.12	0.0054	0.0059	0.0027	0.0168	0.0039	0.0087	0.0058	0.0059	7.30E-03	1.16E-03	1.80E-08	1.08E-04	7.85E-05	5.30E-05	8.70E-03	3.55E-03	1.16E-03	1.80E-08	5.26E-05	3.82E-05	2.58E-05	4.83E-03
1027	490636.72, 3861285.12	0.0053	0.006	0.0027	0.0164	0.0038	0.0086	0.0059	0.006	7.27E-03	1.18E-03	1.85E-08	1.05E-04	7.75E-05	5.28E-05	8.69E-03	3.54E-03	1.18E-03	1.85E-08	5.13E-05	3.77E-05	2.57E-05	4.84E-03
1028	490686.72, 3861285.12	0.0053	0.0061	0.0028	0.016	0.0037	0.0086	0.006	0.0061	7.26E-03	1.20E-03	1.89E-08	1.03E-04	7.63E-05	5.28E-05	8.69E-03	3.53E-03	1.20E-03	1.89E-08	5.02E-05	3.71E-05	2.57E-05	4.85E-03
1029	490736.72, 3861285.12	0.0053	0.0062	0.0029	0.0157	0.0037	0.0086	0.0061	0.0062	7.26E-03	1.23E-03	1.92E-08	1.01E-04	7.53E-05	5.29E-05	8.71E-03	3.53E-03	1.23E-03	1.92E-08	4.93E-05	3.66E-05	2.57E-05	4.87E-03
1030	490786.72, 3861285.12	0.0053	0.0063	0.0029	0.0154	0.0036	0.0086	0.0062	0.0063	7.24E-03	1.25E-03	1.92E-08	9.91E-05	7.40E-05	5.28E-05	8.72E-03	3.53E-03	1.25E-03	1.92E-08	4.82E-05	3.60E-05	2.57E-05	4.88E-03
1031	490836.72, 3861285.12	0.0053	0.0065	0.0028	0.0151	0.0036	0.0086	0.0063	0.0065	7.23E-03	1.27E-03	1.91E-08	9.71E-05	7.24E-05	5.27E-05	8.72E-03	3.52E-03	1.27E-03	1.91E-08	4.73E-05	3.52E-05	2.57E-05	4.90E-03
1032	490061.24, 3859716.13	0.033	0.0546	0.0417	0.0624	0.0063	0.0446	0.0541	0.0546	4.50E-02	1.08E-02	2.81E-07	4.01E-04	1.28E-04	2.73E-04	5.65E-02	2.19E-02	1.08E-02	2.81E-07	1.95E-04	6.25E-05	1.33E-04	3.30E-02
1033	490111.24, 3859716.13	0.0335	0.0662	0.0406	0.066	0.0062	0.0472	0.0657	0.0662	4.56E-02	1.30E-02	2.73E-07	4.25E-04	1.26E-04	2.89E-04	5.95E-02	2.22E-02	1.30E-02	2.73E-07	2.07E-04	6.15E-05	1.41E-04	3.57E-02
1034	490161.24, 3859716.13	0.0345	0.0829	0.0401	0.0707	0.0061	0.0506	0.0824	0.0829	4.70E-02	1.63E-02	2.70E-07	4.55E-04	1.25E-04	3.10E-04	6.42E-02	2.29E-02	1.63E-02	2.70E-07	2.21E-04	6.09E-05	1.51E-04	3.96E-02
1035	490211.24, 3859716.13	0.0362	0.1082	0.0401	0.0768	0.0061	0.055	0.1074	0.1082	4.93E-02	2.13E-02	2.70E-07	4.94E-04	1.24E-04	3.37E-04	7.15E-02	2.40E-02	2.13E-02	2.70E-07	2.40E-04	6.02E-05	1.64E-04	4.58E-02
1036	490061.24, 3859766.13	0.0312	0.0384	0.0326	0.055	0.0062	0.04	0.0379	0.0384	4.25E-02	7.57E-03	2.19E-07	3.54E-04	1.26E-04	2.45E-04	5.08E-02	2.07E-02	7.57E-03	2.19E-07	1.72E-04	6.15E-05	1.19E-04	2.86E-02
1037	490111.24, 3859766.13	0.0311	0.0438	0.0317	0.0571	0.0061	0.0416	0.0433	0.0438	4.24E-02	8.62E-03	2.13E-07	3.67E-04	1.24E-04	2.55E-04	5.17E-02	2.06E-02	8.62E-03	2.13E-07	1.79E-04	6.03E-05	1.24E-04	2.96E-02
1038	490161.24, 3859766.13	0.0312	0.0507	0.0308	0.0598	0.006	0.0436	0.0501	0.0507	4.25E-02	9.98E-03	2.08E-07	3.84E-04	1.22E-04	2.67E-04	5.32E-02	2.07E-02	9.98E-03	2.08E-07	1.87E-04	5.93E-05	1.30E-04	3.10E-02
1039	490211.24, 3859766.13	0.0315	0.06	0.0303	0.0633	0.0059	0.0462	0.0594	0.06	4.29E-02	1.18E-02	2.04E-07	4.07E-04	1.20E-04	2.82E-04	5.55E-02	2.09E-02	1.18E-02	2.04E-07	1.98E-04	5.86E-05	1.37E-04	3.31E-02
1040	490061.24, 3859816.13	0.0301	0.0297	0.0262	0.0497	0.0061	0.0366	0.0292	0.0297	4.10E-02	5.85E-03	1.76E-07	3.20E-04	1.24E-04	2.24E-04	4.75E-02	2.00E-02	5.85E-03	1.76E-07	1.56E-04	6.06E-05	1.09E-04	2.61E-02
1041	490111.24, 3859816.13	0.0298	0.0327	0.0257	0.0509	0.006	0.0377	0.0322	0.0327	4.05E-02	6.45E-03	1.73E-07	3.27E-04	1.21E-04	2.30E-04	4.77E-02	1.97E-02	6.45E-03	1.73E-07	1.59E-04	5.91E-05	1.12E-04	2.65E-02
1042	490161.24, 3859816.13	0.0295	0.0364	0.0251	0.0524	0.0058	0.0389	0.0359	0.0364	4.02E-02	7.18E-03	1.69E-07	3.37E-04	1.19E-04	2.38E-04	4.81E-02	1.96E-02	7.18E-03	1.69E-07	1.64E-04	5.80E-05	1.16E-04	2.71E-02
1043	490211.24, 3859816.13	0.0294	0.041	0.0245	0.0545	0.0058	0.0405	0.0404	0.041	4.00E-02	8.08E-03	1.65E-07	3.50E-04	1.17E-04	2.48E-04	4.88E-02	1.95E-02	8.08E-03	1.65E-07	1.71E-04	5.71E-05	1.21E-04	2.79E-02
1044	490061.24, 3859866.13	0.0293	0.0243	0.0215	0.0457	0.006	0.0341	0.0239	0.0243	3.99E-02	4.79E-03	1.45E-07	2.94E-04	1.23E-04	2.09E-04	4.53E-02	1.94E-02	4.79E-03	1.45E-07	1.43E-04	5.98E-05	1.02E-04	2.45E-02
1045	490111.24, 3859866.13	0.0289	0.0263	0.0213	0.0463	0.0059	0.0347	0.0258	0.0263	3.93E-02	5.17E-03	1.43E-07	2.98E-04	1.20E-04	2.13E-04	4.51E-02	1.91E-02	5.17E-03	1.43E-07	1.45E-04	5.83E-05	1.03E-04	2.46E-02
1046	490161.24, 3859866.13	0.0285	0.0286	0.021	0.0472	0.0057	0.0356	0.0281	0.0286	3.88E-02	5.63E-03	1.41E-07	3.04E-04	1.17E-04	2.18E-04	4.50E-02	1.89E-02	5.63E-03	1.41E-07	1.48E-04	5.70E-05	1.06E-04	2.48E-02
1047	490211.24, 3859866.13	0.0282	0.0313	0.0206	0.0484	0.0056	0.0366	0.0308	0.0313	3.83E-02	6.16E-03	1.39E-07	3.11E-04	1.15E-04	2.24E-04	4.51E-02	1.87E-02	6.16E-03	1.39E-07	1.52E-04	5.59E-05	1.09E-04	2.51E-02
1048	490061.24, 3859916.13	0.0287	0.0206	0.0179	0.0426	0.006	0.0321	0.0202	0.0206	3.91E-02	4.07E-03	1.21E-07	2.74E-04	1.22E-04	1.96E-04	4.37E-02	1.90E-02	4.07E-03	1.21E-07	1.33E-04	5.92E-05	9.56E-05	2.34E-02
1049	490111.24, 3859916.13	0.0282	0.022	0.0179	0.0428	0.0058	0.0325	0.0216	0.022	3.83E-02	4.34E-03	1.21E-07	2.75E-04	1.18E-04	1.99E-04	4.33E-02	1.87E-02	4.34E-03	1.21E-07	1.34E-04	5.76E-05	9.68E-05	2.33E-02
1050	490161.24, 3859916.13	0.0277	0.0236	0.0178	0.0432	0.0057	0.033	0.0232	0.0236	3.77E-02	4.65E-03	1.20E-07	2.78E-04	1.15E-04	2.02E-04	4.29E-02	1.83E-02	4.65E-03	1.20E-07	1.35E-04	5.61E-05	9.83E-05	2.33E-02

1051	490211.24, 3859916.13	0.0272	0.0254	0.0176	0.0439	0.0055	0.0336	0.0249	0.0254	3.71E-02	5.00E-03	1.18E-07	2.82E-04	1.13E-04	2.06E-04	4.27E-02	1.80E-02	5.00E-03	1.18E-07	1.37E-04	5.49E-05	1.00E-04	2.33E-02
1052	490229.25, 3859815.26	0.0294	0.0433	0.0244	0.0556	0.0057	0.0413	0.0427	0.0433	4.01E-02	8.52E-03	1.64E-07	3.57E-04	1.17E-04	2.52E-04	4.93E-02	1.95E-02	8.52E-03	1.64E-07	1.74E-04	5.69E-05	1.23E-04	2.84E-02
1053	490279.25, 3859815.26	0.0295	0.0498	0.024	0.0584	0.0057	0.0434	0.0491	0.0498	4.01E-02	9.80E-03	1.61E-07	3.76E-04	1.15E-04	2.65E-04	5.07E-02	1.95E-02	9.80E-03	1.61E-07	1.83E-04	5.62E-05	1.29E-04	2.97E-02
1054	490329.25, 3859815.26	0.0297	0.0584	0.0238	0.0621	0.0056	0.0461	0.0575	0.0584	4.05E-02	1.15E-02	1.60E-07	4.00E-04	1.15E-04	2.82E-04	5.28E-02	1.97E-02	1.15E-02	1.60E-07	1.94E-04	5.58E-05	1.37E-04	3.16E-02
1055	490379.25, 3859815.26	0.0303	0.071	0.0239	0.0673	0.0056	0.0498	0.0697	0.071	4.13E-02	1.40E-02	1.61E-07	4.33E-04	1.14E-04	3.05E-04	5.61E-02	2.01E-02	1.40E-02	1.61E-07	2.11E-04	5.57E-05	1.48E-04	3.45E-02
1056	490429.25, 3859815.26	0.0314	0.0905	0.0243	0.0743	0.0056	0.055	0.0884	0.0905	4.27E-02	1.78E-02	1.64E-07	4.78E-04	1.15E-04	3.37E-04	6.15E-02	2.08E-02	1.78E-02	1.64E-07	2.33E-04	5.58E-05	1.64E-04	3.91E-02
1057	490229.25, 3859865.26	0.0281	0.0325	0.0205	0.0491	0.0056	0.037	0.032	0.0325	3.82E-02	6.41E-03	1.38E-07	3.16E-04	1.14E-04	2.27E-04	4.53E-02	1.86E-02	6.41E-03	1.38E-07	1.54E-04	5.56E-05	1.10E-04	2.53E-02
1058	490279.25, 3859865.26	0.0279	0.036	0.0201	0.0508	0.0055	0.0383	0.0355	0.036	3.79E-02	7.10E-03	1.35E-07	3.27E-04	1.13E-04	2.35E-04	4.57E-02	1.85E-02	7.10E-03	1.35E-07	1.59E-04	5.48E-05	1.14E-04	2.59E-02
1059	490329.25, 3859865.26	0.0277	0.0404	0.0197	0.053	0.0055	0.04	0.0397	0.0404	3.78E-02	7.95E-03	1.33E-07	3.41E-04	1.11E-04	2.45E-04	4.64E-02	1.84E-02	7.95E-03	1.33E-07	1.66E-04	5.42E-05	1.19E-04	2.67E-02
1060	490379.25, 3859865.26	0.0278	0.046	0.0195	0.0559	0.0054	0.0421	0.0452	0.046	3.78E-02	9.07E-03	1.31E-07	3.60E-04	1.11E-04	2.58E-04	4.76E-02	1.84E-02	9.07E-03	1.31E-07	1.75E-04	5.39E-05	1.25E-04	2.78E-02
1061	490429.25, 3859865.26	0.028	0.0536	0.0195	0.0597	0.0054	0.0449	0.0525	0.0536	3.81E-02	1.05E-02	1.31E-07	3.84E-04	1.11E-04	2.75E-04	4.94E-02	1.85E-02	1.05E-02	1.31E-07	1.87E-04	5.38E-05	1.34E-04	2.95E-02
1062	490229.25, 3859915.26	0.0271	0.0262	0.0175	0.0443	0.0055	0.0339	0.0257	0.0262	3.69E-02	5.16E-03	1.18E-07	2.85E-04	1.12E-04	2.08E-04	4.27E-02	1.80E-02	5.16E-03	1.18E-07	1.39E-04	5.45E-05	1.01E-04	2.34E-02
1063	490279.25, 3859915.26	0.0268	0.0283	0.0172	0.0453	0.0054	0.0348	0.0278	0.0283	3.64E-02	5.58E-03	1.16E-07	2.91E-04	1.10E-04	2.13E-04	4.26E-02	1.77E-02	5.58E-03	1.16E-07	1.42E-04	5.35E-05	1.03E-04	2.36E-02
1064	490329.25, 3859915.26	0.0265	0.0309	0.0169	0.0467	0.0053	0.0358	0.0304	0.0309	3.60E-02	6.09E-03	1.14E-07	3.00E-04	1.09E-04	2.19E-04	4.28E-02	1.75E-02	6.09E-03	1.14E-07	1.46E-04	5.28E-05	1.07E-04	2.39E-02
1065	490379.25, 3859915.26	0.0263	0.0341	0.0166	0.0485	0.0053	0.0371	0.0335	0.0341	3.58E-02	6.71E-03	1.12E-07	3.12E-04	1.07E-04	2.27E-04	4.31E-02	1.74E-02	6.71E-03	1.12E-07	1.52E-04	5.23E-05	1.11E-04	2.44E-02
1066	490429.25, 3859915.26	0.0262	0.0379	0.0164	0.0507	0.0052	0.0388	0.0372	0.0379	3.57E-02	7.47E-03	1.10E-07	3.26E-04	1.07E-04	2.37E-04	4.38E-02	1.74E-02	7.47E-03	1.10E-07	1.59E-04	5.20E-05	1.16E-04	2.52E-02
1067	490451.43, 3859872.59	0.0278	0.0541	0.019	0.06	0.0054	0.0452	0.053	0.0541	3.78E-02	1.07E-02	1.28E-07	3.86E-04	1.10E-04	2.76E-04	4.93E-02	1.84E-02	1.07E-02	1.28E-07	1.88E-04	5.35E-05	1.35E-04	2.94E-02
1068	490501.43, 3859872.59	0.0283	0.065	0.0192	0.0653	0.0054	0.0491	0.0635	0.065	3.85E-02	1.28E-02	1.29E-07	4.20E-04	1.10E-04	3.00E-04	5.22E-02	1.87E-02	1.28E-02	1.29E-07	2.04E-04	5.36E-05	1.46E-04	3.20E-02
1069	490551.43, 3859872.59	0.0292	0.082	0.0196	0.0727	0.0054	0.0545	0.0795	0.082	3.97E-02	1.61E-02	1.32E-07	4.68E-04	1.11E-04	3.34E-04	5.68E-02	1.93E-02	1.61E-02	1.32E-07	2.28E-04	5.39E-05	1.62E-04	3.59E-02
1070	490601.43, 3859872.59	0.0307	0.1089	0.0201	0.0828	0.0055	0.0622	0.1045	0.1089	4.17E-02	2.15E-02	1.35E-07	5.32E-04	1.11E-04	3.81E-04	6.42E-02	2.03E-02	2.15E-02	1.35E-07	2.59E-04	5.42E-05	1.85E-04	4.23E-02
1071	490451.43, 3859922.59	0.026	0.0382	0.016	0.0508	0.0052	0.0389	0.0375	0.0382	3.54E-02	7.53E-03	1.07E-07	3.26E-04	1.06E-04	2.38E-04	4.36E-02	1.72E-02	7.53E-03	1.07E-07	1.59E-04	5.17E-05	1.16E-04	2.51E-02
1072	490501.43, 3859922.59	0.0261	0.0433	0.0159	0.0538	0.0052	0.0411	0.0424	0.0433	3.55E-02	8.53E-03	1.07E-07	3.46E-04	1.06E-04	2.52E-04	4.47E-02	1.73E-02	8.53E-03	1.07E-07	1.68E-04	5.17E-05	1.22E-04	2.61E-02
1073	490551.43, 3859922.59	0.0263	0.0503	0.0161	0.0579	0.0052	0.0441	0.0491	0.0503	3.58E-02	9.90E-03	1.08E-07	3.72E-04	1.06E-04	2.70E-04	4.65E-02	1.74E-02	9.90E-03	1.08E-07	1.81E-04	5.18E-05	1.31E-04	2.77E-02
1074	490601.43, 3859922.59	0.0268	0.06	0.0164	0.0633	0.0053	0.048	0.0584	0.06	3.65E-02	1.18E-02	1.10E-07	4.07E-04	1.07E-04	2.94E-04	4.91E-02	1.78E-02	1.18E-02	1.10E-07	1.98E-04	5.22E-05	1.43E-04	3.00E-02
1075	482129.67, 3852241.07	0.0131	0.0714	0.0016	0.0023	0.0022	0.0027	0.0718	0.0714	1.78E-02	1.41E-02	1.09E-08	1.45E-05	4.43E-05	1.67E-05	3.20E-02	8.69E-03	1.41E-02	1.09E-08	7.04E-06	2.15E-05	8.13E-06	2.28E-02
1076	482029.67, 3852291.07	0.0216	0.1333	0.0016	0.0023	0.0022	0.0027	0.1337	0.1333	2.94E-02	2.63E-02	1.08E-08	1.49E-05	4.55E-05	1.68E-05	5.57E-02	1.43E-02	2.63E-02	1.08E-08	7.23E-06	2.21E-05	8.16E-06	4.06E-02
1077	482079.67, 3852291.07	0.0174	0.1034	0.0016	0.0023	0.0022	0.0028	0.1038	0.1034	2.37E-02	2.04E-02	1.08E-08	1.48E-05	4.53E-05	1.69E-05	4.41E-02	1.15E-02	2.04E-02	1.08E-08	7.20E-06	2.20E-05	8.22E-06	3.19E-02
1078	482129.67, 3852291.07	0.0149	0.084	0.0016	0.0023	0.0022	0.0028	0.0845	0.084	2.02E-02	1.66E-02	1.10E-08	1.48E-05	4.51E-05	1.71E-05	3.69E-02	9.85E-03	1.66E-02	1.10E-08	7.20E-06	2.19E-05	8.34E-06	2.64E-02
1079	482179.67, 3852291.07	0.0132	0.0699	0.0017	0.0023	0.0022	0.0028	0.0703	0.0699	1.80E-02	1.38E-02	1.13E-08	1.49E-05	4.49E-05	1.73E-05	3.18E-02	8.74E-03	1.38E-02	1.13E-08	7.23E-06	2.18E-05	8.43E-06	2.25E-02
1080	482229.67, 3852291.07	0.0121	0.0592	0.0017	0.0023	0.0022	0.0029	0.0596	0.0592	1.64E-02	1.17E-02	1.16E-08	1.49E-05	4.47E-05	1.75E-05	2.81E-02	7.99E-03	1.17E-02	1.16E-08	7.26E-06	2.17E-05	8.52E-06	1.97E-02
1081	482029.67, 3852341.07	0.0286	0.1838	0.0016	0.0024	0.0023	0.0028	0.1841	0.1838	3.90E-02	3.62E-02	1.10E-08	1.52E-05	4.61E-05	1.73E-05	7.53E-02	1.90E-02	3.62E-02	1.10E-08	7.42E-06	2.24E-05	8.40E-06	5.52E-02
1082	482079.67, 3852341.07	0.0216	0.1321	0.0017	0.0024	0.0023	0.0028	0.1325	0.1321	2.94E-02	2.60E-02	1.11E-08	1.52E-05	4.59E-05	1.74E-05	5.55E-02	1.43E-02	2.60E-02	1.11E-08	7.39E-06	2.23E-05	8.46E-06	4.04E-02
1083	482129.67, 3852341.07	0.0174	0.1026	0.0017	0.0024	0.0023	0.0029	0.103	0.1026	2.37E-02	2.02E-02	1.12E-08	1.51E-05	4.59E-05	1.76E-05	4.40E-02	1.16E-02	2.02E-02	1.12E-08	7.36E-06	2.23E-05	8.55E-06	3.18E-02
1084	482179.67, 3852341.07	0.0149	0.083	0.0017	0.0024	0.0022	0.0029	0.0835	0.083	2.03E-02	1.64E-02	1.14E-08	1.52E-05	4.57E-05	1.77E-05	3.68E-02	9.89E-03	1.64E-02	1.14E-08	7.39E-06	2.22E-05	8.64E-06	2.63E-02
1085	482259.06, 3852400.14	0.0142	0.0784	0.0018	0.0024	0.0023	0.0031	0.0788	0.0784	1.93E-02	1.54E-02	1.24E-08	1.57E-05	4.61E-05	1.87E-05	3.48E-02	9.41E-03	1.54E-02	1.24E-08	7.64E-06	2.24E-05	9.11E-06	2.49E-02
1086	482309.06, 3852400.14	0.0128	0.0647	0.0019	0.0025	0.0023	0.0031	0.0651	0.0647	1.75E-02	1.28E-02	1.27E-08	1.58E-05	4.61E-05	1.88E-05	3.03E-02	8.50E-03	1.28E-02	1.27E-08	7.70E-06	2.24E-05	9.17E-06	2.13E-02
1087	482209.06, 3852450.14	0.0197	0.1174	0.0018	0.0025	0.0023	0.0031	0.1178	0.1174	2.68E-02	2.31E-02	1.22E-08	1.60E-05	4.71E-05	1.90E-05	5.00E-02	1.30E-02	2.31E-02	1.22E-08	7.80E-06	2.29E-05	9.23E-06	3.62E-02
1088	482259.06, 3852450.14	0.0164	0.0936	0.0019	0.0025	0.0023	0.0031	0.094	0.0936	2.23E-02	1.84E-02	1.25E-08	1.60E-05	4.69E-05	1.92E-05	4.08E-02	1.09E-02	1.84E-02	1.25E-08	7.80E-06	2.28E-05	9.35E-06	2.93E-02
1089	482309.06, 3852450.14	0.0143	0.0764	0.0019	0.0025	0.0023	0.0032	0.0768	0.0764	1.95E-02	1.51E-02	1.29E-08	1.61E-05	4.69E-05	1.93E-05	3.47E-02	9.50E-03	1.51E-02	1.29E-08	7.86E-06	2.28E-05	9.41E-06	2.46E-02
1090	482209.06, 3852500.14	0.0252	0.1546	0.0018	0.0026	0.0023	0.0032	0.155	0.1546	3.44E-02	3.05E-02	1.24E-08	1.65E-05	4.77E-05	1.95E-05	6.49E-02	1.67E-02	3.05E-02	1.24E-08	8.02E-06	2.32E-05	9.50E-06	4.72E-02
1091	482259.06, 3852500.14	0.0197	0.1163	0.0019	0.0026	0.0023	0.0032	0.1167	0.1163	2.68E-02	2.29E-02	1.27E-08	1.65E-05	4.77E-05	1.97E-05	4.98E-02	1.31E-02	2.29E-02	1.27E-08	8.02E-06	2.32E-05	9.59E-06	3.60E-02
1092	482309.06, 3852500.14	0.0165	0.092	0.0019	0.0026	0.0023	0.0033	0.0924	0.092	2.25E-02	1.81E-02	1.31E-08	1.65E-05	4.75E-05	1.99E-05	4.07E-02	1.09E-02	1.81E-02	1.31E-08	8.05E-06	2.31E-05	9.68E-06	2.91E-02
1093	482283.91, 3852513.62	0.0189	0.1096	0.0019	0.0026	0.0024	0.0033	0.11	0.1096	2.57E-02	2.16E-02	1.29E-08	1.66E-05	4.79E-05	1.99E-05	4.74E-02	1.25E-02	2.16E-02	1.29E-08	8.08E-06	2.33E-05	9.71E-06	3.41E-02
1094	482333.91, 3852513.62	0.016	0.0879	0.002	0.0026	0.0023	0.0033	0.0883	0.0879	2.18E-02	1.73E-02	1.33E-08	1.67E-05	4.77E-05	2.01E-05	3.92E-02	1.06E-02	1.73E-02	1.33E-08	8.11E-06	2.32E-05	9.80E-06	2.80E-02
1095	482283.91, 3852563.62	0.0237	0.1421	0.002	0.0027	0.0024	0.0034	0.1425	0.1421	3.23E-02	2.80E-02	1.32E-08	1.70E-05	4.85E-05	2.06E-05	6.04E-02	1.57E-02	2.80E-02	1.32E-08	8.30E-06	2.36E-05	1.00E-05	4.38E-02
1096	482333.91, 3852563.62	0.019	0.109	0.002	0.0027	0.0024	0.0034	0.1094	0.109	2.58E-02	2.15E-02	1.36E-08	1.71E-05	4.85E-05	2.07E-05	4.74E-02	1.26E-02	2.15E-02	1.36E-08	8.33E-06	2.36E-05	1.01E-05	3.41E-02
1097	482383.91, 3852563.62	0.0161	0.0881	0.0021	0.0027	0.0024	0.0034	0.0884	0.0881	2.19E-02	1.73E-02	1.41E-08	1.72E-05	4.83E-05	2.09E-05	3.93E-02	1.07E-02	1.73E-02	1.41E-08	8.39E-06	2.35E-05	1.02E-05	2.81E-02
1098	482283.91, 3852613.62	0.0317	0.1972	0.002	0.0027	0.0024	0.0035	0.1975	0.1972	4.32E-02	3.89E-02	1.33E-08	1.76E-05	4.94E-05	2.12E-05	8.21E-02	2.10E-02	3.89E-02	1.33E-08	8.58E-06	2.40E-05	1.03E-05	5.99E-02
1099	482333.91, 3852613.62	0.0238	0.1406	0.0021	0.0027	0.0024	0.0035	0.141	0.1406	3.24E-02	2.77E-02	1.38E-08	1.76E-05	4.92E-05	2.14E-05	6.02E-02	1.58E-02	2.77E-02	1.38E-08	8.58E-06	2.39E-05	1.04E-05	4.35E-02
1100	482383.91, 3852613.62	0.0191	0.1084	0.0021	0.0027	0.0024	0.0035	0.1088	0.1084	2.60E-02	2.14E-02	1.44E-08	1.76E-05	4.92E-05	2.15E-05	4.74E-02	1.26E-02	2.14E-02	1.44E-08	8.58E-06	2.39E-05	1.05E-05	3.40E-02
1101	482602.38, 3852600.87	0.0116	0.0492	0.0024	0.0028	0.0024	0.0035	0.0495	0.0492	1.58E-02	9.69E-03	1.64E-08	1.81E-05	4.81E-05	2.12E-05	2.56E-02	7.69E-03	9.69E-03	1.64E-08	8.83E-06	2.34E-05	1.03E-05	1.74E-02
1102	482652.38, 3852600.87	0.0109	0.0439	0.0025	0.0029	0.0024	0.0035	0.0443	0.0439	1.49E-02	8.65E-03	1.66E-08	1.83E-05	4.79E-05	2.12E-05	2.36E-02	7.25E-03	8.65E-03	1.66E-08	8.92E-06	2.33E-05	1.03E-05	1.59E-02
1103	482702.38, 3852600.87	0.0104	0.0384	0.0025	0.0029	0.0023	0.0034	0.0389	0.0384	1.42E-02	7.55E-03	1.66E-08	1.85E-05	4.77E-05	2.10E-05	2.19E-02	6.92E-03	7.55E-03	1.66E-08	8.99E-06	2.32E-05	1.02E-05	1.45E-02
1104	482552.38, 3852650.87	0.0137	0.0648	0.0025	0.0029	0.0024	0.0036	0.065	0.0648	1.86E-02	1.28E-02	1.65E-08	1.85E-05	4.94E-05	2.20E-05	3.14E-02	9.05E-03	1.28E-02	1.65E-08	9.02E-06	2.40E-05	1.07E-05	2.19E-02
1105	482602.38, 3852650.87	0.0126	0.0559	0.0025	0.0029	0.0024	0.0036	0.0562	0.0559	1.71E-02	1.10E-02	1.69E-08	1.87E-05	4.92E-05	2.20E-05	2.82E-02	8.32E-03	1.10E-02	1.69E-08	9.08E-06	2.39E-05	1.07E-05	1.94E-02
1106	482652.38, 3852650.87	0.0117	0.0494	0.0026	0.0029	0.0024	0.0036	0.0498	0.0494	1.59E-02	9.72E-03	1.72E-08	1.88E-05	4.87E-05	2.20E-05	2.57E-02	7.75E-03	9.72E-03	1.72E-08	9.14E-06	2.37E-05	1.07E-05	1.75E-02
1107	482702.38, 3852650.87	0.011	0.0442	0.0026	0.003	0.0024	0.0036	0.0447	0.0442	1.50E-02	8.70E-03	1.73E-08	1.90E-05	4.85E-05	2.19E-05	2.38E-02	7.30E-03	8.70E-03	1.73E-08	9.24E-06	2.36E-05	1.07E-05	1.60E-02
1108	482552.38, 3852700.87	0.0153	0.0762	0.0025	0.003	0.0025	0.0037	0.0765	0.0762	2.09E-02	1.50E-02	1.68E-08	1.90E-05	5.02E-05	2.29E-05	3.60E-02	1.02E-02	1.50E-02	1.68E-08	9.27E-06	2.44E-05	1.11E-05	2.52E-02
1109	482602.38, 3852700.87	0.0138	0.0652	0.0026	0.003	0.0025	0.0037	0.0655	0.0652	1.88E-02	1.28E-02	1.74E-08	1.92E-05	5.00E-05	2.29E-05	3.17E-02	9.15E-03	1.28E-02	1.74E-08	9.33E-06	2.43E-05	1.11E-05	2.20E-02
1110	482652.38, 3852700.87	0.0126	0.0576	0.0027	0.003	0.0024	0.0038	0.058	0.0576	1.72E-02	1.13E-02	1.78E-08	1.92E-05	4.96E-05	2.29E-05	2.86E-02	8.37E-03	1.13E-02	1.78E-08	9.36E-06	2.41E-05	1.12E-05	1.98E-02
1111	482702.38, 3852700.87	0.0118	0.0502	0.0027	0.003	0.0024	0.0037	0.0507	0.0502	1.61E-02	9.89E-03	1.80E-08	1.94E-05	4.94E-05	2.28E-05	2.60E-02	7.81E-03	9.89E-03	1.80E-08	9.46E-06	2.40E-05	1.11E-05	1.77E-02
1112	482452.38, 3852750.87	0.0267	0.1532	0.0023	0.003	0.0025	0.0039	0.1535	0.1532	3.64E-02	3.02E-02	1.57E-08	1.93E-05	5.10E-05	2.37E-05	6.67E-02	1.77E-02	3.02E-02	1.57E-08	9.39E-06	2.48E-05	1.16E-05	4.79E-02

1113	482521.29, 3852749.74	0.0195	0.1044	0.0025	0.003	0.0025	0.0039	0.1046	0.1044	2.65E-02	2.06E-02	1.67E-08	1.95E-05	5.10E-05	2.38E-05	4.72E-02	1.29E-02	2.06E-02	1.67E-08	9.49E-06	2.48E-05	1.16E-05	3.35E-02
1114	482571.29, 3852749.74	0.0167	0.0849	0.0026	0.0031	0.0025	0.0039	0.0851	0.0849	2.27E-02	1.67E-02	1.74E-08	1.96E-05	5.08E-05	2.37E-05	3.96E-02	1.11E-02	1.67E-02	1.74E-08	9.55E-06	2.47E-05	1.16E-05	2.78E-02
1115	482521.29, 3852799.74	0.0243	0.1343	0.0025	0.0031	0.0025	0.004	0.1345	0.1343	3.31E-02	2.65E-02	1.70E-08	2.01E-05	5.18E-05	2.47E-05	5.97E-02	1.61E-02	2.65E-02	1.70E-08	9.77E-06	2.52E-05	1.20E-05	4.26E-02
1116	482571.29, 3852799.74	0.0198	0.104	0.0026	0.0032	0.0025	0.004	0.1042	0.104	2.70E-02	2.05E-02	1.78E-08	2.03E-05	5.16E-05	2.47E-05	4.75E-02	1.31E-02	2.05E-02	1.78E-08	9.86E-06	2.51E-05	1.20E-05	3.36E-02
1117	482621.29, 3852799.74	0.017	0.0843	0.0027	0.0032	0.0025	0.004	0.0847	0.0843	2.31E-02	1.66E-02	1.85E-08	2.04E-05	5.16E-05	2.47E-05	3.99E-02	1.13E-02	1.66E-02	1.85E-08	9.93E-06	2.51E-05	1.20E-05	2.79E-02
1118	482571.29, 3852849.74	0.0249	0.1326	0.0027	0.0033	0.0026	0.0042	0.1329	0.1326	3.39E-02	2.61E-02	1.80E-08	2.09E-05	5.24E-05	2.57E-05	6.01E-02	1.65E-02	2.61E-02	1.80E-08	1.02E-05	2.55E-05	1.25E-05	4.27E-02
1119	482621.29, 3852849.74	0.0204	0.1021	0.0028	0.0033	0.0026	0.0042	0.1025	0.1021	2.77E-02	2.01E-02	1.88E-08	2.11E-05	5.24E-05	2.56E-05	4.79E-02	1.35E-02	2.01E-02	1.88E-08	1.03E-05	2.55E-05	1.25E-05	3.37E-02
1120	482577.42, 3852901.55	0.033	0.175	0.0027	0.0034	0.0026	0.0044	0.1752	0.175	4.49E-02	3.45E-02	1.84E-08	2.17E-05	5.32E-05	2.68E-05	7.95E-02	2.19E-02	3.45E-02	1.84E-08	1.06E-05	2.59E-05	1.30E-05	5.64E-02
1121	482627.42, 3852901.55	0.0254	0.1259	0.0029	0.0034	0.0026	0.0044	0.1262	0.1259	3.45E-02	2.48E-02	1.92E-08	2.19E-05	5.32E-05	2.67E-05	5.94E-02	1.68E-02	2.48E-02	1.92E-08	1.07E-05	2.59E-05	1.30E-05	4.17E-02
1122	482629.96, 3852955.85	0.0347	0.1712	0.0029	0.0036	0.0027	0.0046	0.1717	0.1712	4.72E-02	3.37E-02	1.96E-08	2.28E-05	5.40E-05	2.81E-05	8.11E-02	2.30E-02	3.37E-02	1.96E-08	1.11E-05	2.63E-05	1.37E-05	5.68E-02
1123	482679.96, 3852955.85	0.0266	0.1224	0.003	0.0036	0.0027	0.0046	0.1233	0.1224	3.62E-02	2.41E-02	2.03E-08	2.30E-05	5.40E-05	2.80E-05	6.05E-02	1.76E-02	2.41E-02	2.03E-08	1.12E-05	2.63E-05	1.36E-05	4.18E-02
1124	482781.63, 3853034.48	0.0241	0.0902	0.0033	0.0039	0.0027	0.0049	0.0921	0.0902	3.28E-02	1.78E-02	2.21E-08	2.50E-05	5.55E-05	3.00E-05	5.07E-02	1.60E-02	1.78E-02	2.21E-08	1.21E-05	2.70E-05	1.46E-05	3.38E-02
1125	482831.63, 3853034.48	0.0204	0.0726	0.0033	0.0039	0.0027	0.0049	0.0742	0.0726	2.77E-02	1.43E-02	2.22E-08	2.52E-05	5.55E-05	2.99E-05	4.21E-02	1.35E-02	1.43E-02	2.22E-08	1.22E-05	2.70E-05	1.45E-05	2.78E-02
1126	482881.63, 3853034.48	0.0179	0.0603	0.0033	0.004	0.0027	0.0049	0.0617	0.0603	2.44E-02	1.19E-02	2.19E-08	2.55E-05	5.53E-05	2.97E-05	3.63E-02	1.19E-02	1.19E-02	2.19E-08	1.24E-05	2.69E-05	1.44E-05	2.38E-02
1127	482781.63, 3853084.48	0.0279	0.102	0.0034	0.0041	0.0028	0.0052	0.104	0.102	3.80E-02	2.01E-02	2.28E-08	2.62E-05	5.63E-05	3.16E-05	5.82E-02	1.85E-02	2.01E-02	2.28E-08	1.27E-05	2.74E-05	1.54E-05	3.86E-02
1128	482831.63, 3853084.48	0.0229	0.0801	0.0034	0.0041	0.0028	0.0052	0.0817	0.0801	3.11E-02	1.58E-02	2.29E-08	2.64E-05	5.63E-05	3.16E-05	4.70E-02	1.51E-02	1.58E-02	2.29E-08	1.28E-05	2.74E-05	1.54E-05	3.10E-02
1129	482881.63, 3853084.48	0.0197	0.066	0.0034	0.0041	0.0028	0.0051	0.0674	0.066	2.68E-02	1.30E-02	2.28E-08	2.66E-05	5.63E-05	3.14E-05	3.99E-02	1.31E-02	1.30E-02	2.28E-08	1.30E-05	2.74E-05	1.53E-05	2.61E-02
1130	482781.63, 3853134.48	0.0322	0.119	0.0035	0.0043	0.0028	0.0055	0.121	0.119	4.39E-02	2.34E-02	2.36E-08	2.75E-05	5.71E-05	3.35E-05	6.74E-02	2.14E-02	2.34E-02	2.36E-08	1.34E-05	2.78E-05	1.63E-05	4.49E-02
1131	482831.63, 3853134.48	0.0256	0.09	0.0035	0.0043	0.0028	0.0055	0.0918	0.09	3.49E-02	1.77E-02	2.38E-08	2.77E-05	5.71E-05	3.34E-05	5.27E-02	1.70E-02	1.77E-02	2.38E-08	1.35E-05	2.78E-05	1.63E-05	3.48E-02
1132	482881.63, 3853134.48	0.0217	0.0727	0.0035	0.0044	0.0028	0.0055	0.0742	0.0727	2.95E-02	1.43E-02	2.38E-08	2.80E-05	5.71E-05	3.34E-05	4.39E-02	1.44E-02	1.43E-02	2.38E-08	1.36E-05	2.78E-05	1.63E-05	2.87E-02
1133	482831.63, 3853184.48	0.0291	0.1033	0.0037	0.0045	0.0028	0.0058	0.1052	0.1033	3.96E-02	2.03E-02	2.47E-08	2.91E-05	5.79E-05	3.55E-05	6.01E-02	1.93E-02	2.03E-02	2.47E-08	1.42E-05	2.82E-05	1.73E-05	3.97E-02
1134	482881.63, 3853184.48	0.024	0.0808	0.0037	0.0046	0.0028	0.0058	0.0825	0.0808	3.27E-02	1.59E-02	2.47E-08	2.95E-05	5.79E-05	3.55E-05	4.87E-02	1.59E-02	1.59E-02	2.47E-08	1.43E-05	2.82E-05	1.73E-05	3.19E-02
1135	484154.84, 3854250.98	0.0384	0.0125	0.0131	0.061	0.0042	0.0418	0.0334	0.0125	5.22E-02	2.46E-03	8.79E-08	3.93E-04	8.65E-05	2.56E-04	5.54E-02	2.54E-02	2.46E-03	8.79E-08	1.91E-04	4.21E-05	1.24E-04	2.82E-02
1136	484204.84, 3854250.98	0.0371	0.0121	0.0133	0.0566	0.0042	0.0392	0.0316	0.0121	5.05E-02	2.39E-03	8.94E-08	3.64E-04	8.65E-05	2.40E-04	5.35E-02	2.46E-02	2.39E-03	8.94E-08	1.77E-04	4.21E-05	1.17E-04	2.73E-02
1137	484154.84, 3854300.98	0.0419	0.0124	0.0151	0.0691	0.0043	0.0453	0.0366	0.0124	5.70E-02	2.44E-03	1.02E-07	4.45E-04	8.79E-05	2.77E-04	6.02E-02	2.77E-02	2.44E-03	1.02E-07	2.16E-04	4.28E-05	1.35E-04	3.06E-02
1138	484204.84, 3854300.98	0.0402	0.0121	0.0154	0.0641	0.0043	0.0426	0.0347	0.0121	5.47E-02	2.38E-03	1.04E-07	4.12E-04	8.81E-05	2.60E-04	5.79E-02	2.66E-02	2.38E-03	1.04E-07	2.01E-04	4.29E-05	1.27E-04	2.94E-02
1139	484074.19, 3854519.8	0.0743	0.0137	0.0325	0.2474	0.0046	0.1149	0.0937	0.0137	1.01E-01	2.69E-03	2.19E-07	1.59E-03	9.34E-05	7.03E-04	1.06E-01	4.93E-02	2.69E-03	2.19E-07	7.75E-04	4.55E-05	3.42E-04	5.31E-02
1140	484124.19, 3854519.8	0.0689	0.0131	0.032	0.1892	0.0046	0.0936	0.079	0.0131	9.38E-02	2.59E-03	2.15E-07	1.22E-03	9.34E-05	5.73E-04	9.83E-02	4.57E-02	2.59E-03	2.15E-07	5.92E-04	4.55E-05	2.79E-04	4.92E-02
1141	484074.19, 3854569.8	0.0879	0.014	0.0396	0.4199	0.0047	0.1621	0.1304	0.014	1.20E-01	2.76E-03	2.67E-07	2.70E-03	9.54E-05	9.92E-04	1.26E-01	5.82E-02	2.76E-03	2.67E-07	1.31E-03	4.65E-05	4.83E-04	6.28E-02
1142	484124.19, 3854569.8	0.0802	0.0134	0.0385	0.2771	0.0047	0.1212	0.1033	0.0134	1.09E-01	2.64E-03	2.59E-07	1.78E-03	9.52E-05	7.41E-04	1.14E-01	5.31E-02	2.64E-03	2.59E-07	8.68E-04	4.64E-05	3.61E-04	5.71E-02
1143	485205.11, 3855188.89	0.0786	0.0126	0.021	0.2089	0.0076	0.0917	0.0747	0.0126	1.07E-01	2.48E-03	1.42E-07	1.34E-03	1.54E-04	5.61E-04	1.12E-01	5.21E-02	2.48E-03	1.42E-07	6.54E-04	7.50E-05	2.73E-04	5.56E-02
1144	485255.11, 3855188.89	0.0741	0.0122	0.0204	0.1632	0.0075	0.0777	0.064	0.0122	1.01E-01	2.40E-03	1.37E-07	1.05E-03	1.54E-04	4.75E-04	1.05E-01	4.91E-02	2.40E-03	1.37E-07	5.11E-04	7.49E-05	2.31E-04	5.23E-02
1145	485205.11, 3855238.89	0.087	0.0129	0.0206	0.2914	0.0078	0.1107	0.0865	0.0129	1.18E-01	2.54E-03	1.39E-07	1.87E-03	1.59E-04	6.77E-04	1.24E-01	5.76E-02	2.54E-03	1.39E-07	9.12E-04	7.76E-05	3.30E-04	6.15E-02
1146	485255.11, 3855238.89	0.0805	0.0126	0.0204	0.2145	0.0079	0.0919	0.0733	0.0126	1.10E-01	2.48E-03	1.37E-07	1.38E-03	1.60E-04	5.62E-04	1.14E-01	5.33E-02	2.48E-03	1.37E-07	6.72E-04	7.79E-05	2.74E-04	5.68E-02
1147	485205.11, 3855288.89	0.0959	0.0136	0.0211	0.5319	0.0082	0.1556	0.1125	0.0136	1.31E-01	2.69E-03	1.42E-07	3.42E-03	1.66E-04	9.52E-04	1.38E-01	6.36E-02	2.69E-03	1.42E-07	1.67E-03	8.10E-05	4.63E-04	6.84E-02
1148	485255.11, 3855288.89	0.0876	0.0132	0.021	0.3244	0.0082	0.1188	0.09	0.0132	1.19E-01	2.60E-03	1.41E-07	2.09E-03	1.67E-04	7.27E-04	1.25E-01	5.80E-02	2.60E-03	1.41E-07	1.02E-03	8.13E-05	3.54E-04	6.21E-02
1149	485255.11, 3855338.89	0.0974	0.0139	0.0219	0.6065	0.0086	0.1644	0.1152	0.0139	1.33E-01	2.75E-03	1.48E-07	3.90E-03	1.74E-04	1.01E-03	1.40E-01	6.46E-02	2.75E-03	1.48E-07	1.90E-03	8.49E-05	4.90E-04	6.98E-02
1150	485305.11, 3855338.89	0.0886	0.0135	0.0218	0.3553	0.0086	0.1241	0.0921	0.0135	1.21E-01	2.65E-03	1.47E-07	2.29E-03	1.75E-04	7.59E-04	1.27E-01	5.87E-02	2.65E-03	1.47E-07	1.11E-03	8.52E-05	3.70E-04	6.30E-02
1151	485852.5, 3855635.28	0.0692	0.0128	0.0318	0.1322	0.0121	0.0646	0.0484	0.0128	9.42E-02	2.53E-03	2.14E-07	8.51E-04	2.46E-04	3.95E-04	9.82E-02	4.58E-02	2.53E-03	2.14E-07	4.14E-04	1.20E-04	1.92E-04	4.91E-02
1152	485902.5, 3855635.28	0.0663	0.0124	0.0311	0.1127	0.0121	0.0579	0.0436	0.0124	9.03E-02	2.45E-03	2.09E-07	7.25E-04	2.47E-04	3.54E-04	9.41E-02	4.39E-02	2.45E-03	2.09E-07	3.53E-04	1.20E-04	1.72E-04	4.70E-02
1153	485852.5, 3855685.28	0.0735	0.0133	0.0354	0.1635	0.0127	0.0739	0.0539	0.0133	1.00E-01	2.61E-03	2.38E-07	1.05E-03	2.59E-04	4.52E-04	1.04E-01	4.87E-02	2.61E-03	2.38E-07	5.12E-04	1.26E-04	2.20E-04	5.22E-02
1154	485902.5, 3855685.28	0.0702	0.0128	0.0342	0.1344	0.0128	0.0649	0.048	0.0128	9.55E-02	2.53E-03	2.30E-07	8.65E-04	2.61E-04	3.97E-04	9.96E-02	4.65E-02	2.53E-03	2.30E-07	4.21E-04	1.27E-04	1.93E-04	4.98E-02
1155	485852.5, 3855735.28	0.0788	0.0137	0.0393	0.2137	0.0134	0.0866	0.0608	0.0137	1.07E-01	2.70E-03	2.64E-07	1.37E-03	2.74E-04	5.30E-04	1.12E-01	5.22E-02	2.70E-03	2.64E-07	6.69E-04	1.33E-04	2.58E-04	5.60E-02
1156	485902.5, 3855735.28	0.0745	0.0133	0.038	0.169	0.0135	0.0748	0.0538	0.0133	1.01E-01	2.63E-03	2.56E-07	1.09E-03	2.76E-04	4.57E-04	1.06E-01	4.94E-02	2.63E-03	2.56E-07	5.29E-04	1.34E-04	2.23E-04	5.29E-02
1157	485852.5, 3855785.28	0.0851	0.0143	0.0439	0.3126	0.0142	0.1074	0.0705	0.0143	1.16E-01	2.82E-03	2.95E-07	2.01E-03	2.90E-04	6.57E-04	1.22E-01	5.64E-02	2.82E-03	2.95E-07	9.79E-04	1.41E-04	3.20E-04	6.07E-02
1158	485902.5, 3855785.28	0.0799	0.0138	0.0418	0.2236	0.0143	0.0878	0.0606	0.0138	1.09E-01	2.71E-03	2.81E-07	1.44E-03	2.92E-04	5.37E-04	1.14E-01	5.30E-02	2.71E-03	2.81E-07	7.00E-04	1.42E-04	2.62E-04	5.68E-02
1159	486809.46, 3856465.28	0.0702	0.0136	0.0169	0.1455	0.062	0.0673	0.0435	0.0136	9.55E-02	2.69E-03	1.14E-07	9.36E-04	1.27E-03	4.12E-04	1.01E-01	4.65E-02	2.69E-03	1.14E-07	4.56E-04	6.16E-04	2.01E-04	5.05E-02
1160	486859.46, 3856465.28	0.0669	0.0134	0.0167	0.1238	0.0648	0.0611	0.0402	0.0134	9.10E-02	2.64E-03	1.13E-07	7.96E-04	1.32E-03	3.74E-04	9.62E-02	4.43E-02	2.64E-03	1.13E-07	3.87E-04	6.44E-04	1.82E-04	4.82E-02
1161	486909.46, 3856465.28	0.064	0.0132	0.0165	0.1078	0.0676	0.056	0.0373	0.0132	8.71E-02	2.60E-03	1.11E-07	6.93E-04	1.38E-03	3.43E-04	9.21E-02	4.24E-02	2.60E-03	1.11E-07	3.37E-04	6.71E-04	1.67E-04	4.62E-02
1162	486809.46, 3856515.28	0.0741	0.0141	0.0162	0.1799	0.07	0.0769	0.0478	0.0141	1.01E-01	2.77E-03	1.09E-07	1.16E-03	1.43E-03	4.71E-04	1.07E-01	4.91E-02	2.77E-03	1.09E-07	5.63E-04	6.95E-04	2.29E-04	5.34E-02
1163	486859.46, 3856515.28	0.0702	0.0139	0.0161	0.1474	0.0737	0.0686	0.0438	0.0139	9.55E-02	2.73E-03	1.09E-07	9.48E-04	1.50E-03	4.19E-04	1.01E-01	4.65E-02	2.73E-03	1.09E-07	4.61E-04	7.31E-04	2.04E-04	5.06E-02
1164	486909.46, 3856515.28	0.0669	0.0136	0.016	0.1251	0.0774	0.0621	0.0404	0.0136	9.10E-02	2.69E-03	1.07E-07	8.05E-04	1.58E-03	3.80E-04	9.65E-02	4.43E-02	2.69E-03	1.07E-07	3.92E-04	7.68E-04	1.85E-04	4.83E-02
1165	486980.94, 3856357.95	0.0559	0.0121	0.0173	0.0731	0.0545	0.0428	0.0297	0.0121	7.61E-02	2.39E-03	1.16E-07	4.70E-04	1.11E-03	2.62E-04	8.03E-02	3.70E-02	2.39E-03	1.16E-07	2.29E-04	5.41E-04	1.27E-04	4.03E-02
1166	487030.94, 3856357.95	0.0541	0.0119	0.0169	0.0675	0.0566	0.0406	0.0282	0.0119	7.36E-02	2.35E-03	1.14E-07	4.34E-04	1.15E-03	2.48E-04	7.78E-02	3.58E-02	2.35E-03	1.14E-07	2.11E-04	5.61E-04	1.21E-04	3.91E-02
1167	486980.94, 3856407.95	0.0578	0.0125	0.0167	0.0806	0.0617	0.046	0.0316	0.0125	7.87E-02	2.46E-03	1.12E-07	5.18E-04	1.26E-03	2.81E-04	8.32E-02	3.83E-02	2.46E-03	1.12E-07	2.52E-04	6.13E-04	1.37E-04	4.18E-02
1168	487030.94, 3856407.95	0.0559	0.0123	0.0163	0.0737	0.0642	0.0434	0.0299	0.0123	7.60E-02	2.42E-03	1.10E-07	4.74E-04	1.31E-03	2.65E-04	8.05E-02	3.70E-02	2.42E-03	1.10E-07	2.31E-04	6.37E-04	1.29E-04	4.04E-02
1169	487447.18, 3856437.45	0.0446	0.0113	0.0136	0.0455	0.0841	0.0313	0.0214	0.0113	6.07E-02	2.22E-03	9.14E-08	2.93E-04	1.71E-03	1.92E-04	6.52E-02	2.96E-02	2.22E-03	9.14E-08	1.42E-04	8.35E-04	9.32E-05	3.29E-02
1170	487497.18, 3856437.45	0.0435	0.0111	0.0134	0.0435	0.0847	0.0304	0.0207	0.0111	5.93E-02	2.19E-03	9.02E-08	2.79E-04	1.73E-03	1.86E-04	6.37E-02	2.89E-02	2.19E-03	9.02E-08	1.36E-04	8.41E-04	9.04E-05	3.21E-02
1171	487547.18, 3856437.45	0.0425	0.011	0.0132	0.0416	0.0857	0.0295	0.02	0.011	5.79E-02	2.17E-03	8.92E-08	2.68E-04	1.75E-03	1.80E-04	6.22E-02	2.82E-02	2.17E-03	8.92E-08	1.30E-04	8.51E-04	8.78E-05	3.14E-02
1172	487447.18, 3856487.45	0.0456	0.0115	0.0133	0.048	0.1008	0.0328	0.0222	0.0115	6.21E-02	2.27E-03	8.92E-08	3.09E-04	2.06E-03	2.00E-04	6.69E-02	3.02E-02	2.27E-03	8.92E-08	1.50E-04	1.00E-03	9.75E-05	3.38E-02
1173	487497.18, 3856487.45	0.0445	0.0114	0.0131	0.0457	0.1021	0.0317	0.0214	0.0114	6.06E-02	2.25E-03	8.80E-08	2.94E-04	2.08E-03	1.94E-04	6.54E-02	2.95E-02	2.25E-03	8.80E-08	1.43E-04	1.01E-03	9.43E-05	3.30E-02
1174	487547.18, 3856487.45	0.0434	0.0113	0.0129	0.0437	0.1039	0.0307	0.0207	0.0113	5.91E-02	2.23E-03	8.70E-08	2.81E-04	2.12E-03	1.88E-04	6.39E-02	2.87E-02	2.23E-03	8.70E-08	1.37E-04	1.03E-03	9.15E-05	3.22E-02

1175	487447.18, 3856537.45	0.0467	0.0119	0.013	0.0509	0.122	0.0344	0.0231	0.0119	6.36E-02	2.33E-03	8.73E-08	3.27E-04	2.49E-03	2.10E-04	6.89E-02	3.09E-02	2.33E-03	8.73E-08	1.59E-04	1.21E-03	1.02E-04	3.48E-02
1176	487497.18, 3856537.45	0.0455	0.0117	0.0128	0.0483	0.1245	0.0332	0.0222	0.0117	6.19E-02	2.30E-03	8.63E-08	3.10E-04	2.54E-03	2.03E-04	6.73E-02	3.01E-02	2.30E-03	8.63E-08	1.51E-04	1.24E-03	9.87E-05	3.39E-02
1177	487547.18, 3856537.45	0.0443	0.0116	0.0127	0.046	0.1276	0.0321	0.0215	0.0116	6.03E-02	2.28E-03	8.54E-08	2.96E-04	2.60E-03	1.96E-04	6.57E-02	2.94E-02	2.28E-03	8.54E-08	1.44E-04	1.27E-03	9.56E-05	3.31E-02
1178	489285.89, 3858826.54	0.0546	0.0532	0.0198	0.5489	0.0141	0.1469	0.0552	0.0532	7.43E-02	1.05E-02	1.33E-07	3.53E-03	2.88E-04	8.99E-04	8.95E-02	3.62E-02	1.05E-02	1.33E-07	1.72E-03	1.40E-04	4.38E-04	4.90E-02
1179	489335.89, 3858826.54	0.0523	0.0496	0.0202	0.3753	0.014	0.1242	0.0506	0.0496	7.12E-02	9.77E-03	1.36E-07	2.41E-03	2.85E-04	7.60E-04	8.44E-02	3.47E-02	9.77E-03	1.36E-07	1.18E-03	1.39E-04	3.70E-04	4.61E-02
1180	489385.89, 3858826.54	0.0503	0.0464	0.0207	0.288	0.0138	0.1085	0.0467	0.0464	6.84E-02	9.14E-03	1.39E-07	1.85E-03	2.82E-04	6.64E-04	8.04E-02	3.33E-02	9.14E-03	1.39E-07	9.02E-04	1.37E-04	3.23E-04	4.38E-02
1181	489435.89, 3858826.54	0.0485	0.0436	0.0213	0.2356	0.0137	0.0973	0.0434	0.0436	6.60E-02	8.59E-03	1.43E-07	1.52E-03	2.80E-04	5.95E-04	7.69E-02	3.21E-02	8.59E-03	1.43E-07	7.38E-04	1.36E-04	2.90E-04	4.19E-02
1182	489485.89, 3858826.54	0.0468	0.0412	0.0221	0.2006	0.0137	0.0886	0.0406	0.0412	6.37E-02	8.12E-03	1.49E-07	1.29E-03	2.79E-04	5.42E-04	7.39E-02	3.10E-02	8.12E-03	1.49E-07	6.28E-04	1.36E-04	2.64E-04	4.01E-02
1183	489535.89, 3858826.54	0.0453	0.0391	0.0233	0.1754	0.0137	0.0818	0.0382	0.0391	6.16E-02	7.69E-03	1.57E-07	1.13E-03	2.79E-04	5.00E-04	7.12E-02	3.00E-02	7.69E-03	1.57E-07	5.49E-04	1.36E-04	2.44E-04	3.86E-02
1184	489585.89, 3858826.54	0.0439	0.0371	0.0242	0.1564	0.0137	0.0762	0.0361	0.0371	5.97E-02	7.31E-03	1.63E-07	1.01E-03	2.80E-04	4.66E-04	6.88E-02	2.91E-02	7.31E-03	1.63E-07	4.90E-04	1.36E-04	2.27E-04	3.72E-02
1185	489635.89, 3858826.54	0.0426	0.0354	0.024	0.1415	0.0138	0.0714	0.0343	0.0354	5.79E-02	6.98E-03	1.62E-07	9.10E-04	2.81E-04	4.37E-04	6.65E-02	2.82E-02	6.98E-03	1.62E-07	4.43E-04	1.37E-04	2.13E-04	3.60E-02
1186	489685.89, 3858826.54	0.0413	0.0338	0.0232	0.1295	0.0139	0.0674	0.0326	0.0338	5.63E-02	6.67E-03	1.56E-07	8.33E-04	2.83E-04	4.12E-04	6.45E-02	2.74E-02	6.67E-03	1.56E-07	4.05E-04	1.38E-04	2.01E-04	3.48E-02
1187	489735.89, 3858826.54	0.0402	0.0324	0.0223	0.1196	0.014	0.0639	0.0311	0.0324	5.48E-02	6.38E-03	1.50E-07	7.69E-04	2.85E-04	3.91E-04	6.26E-02	2.67E-02	6.38E-03	1.50E-07	3.75E-04	1.39E-04	1.90E-04	3.37E-02
1188	489785.89, 3858826.54	0.0392	0.0311	0.0214	0.1114	0.0141	0.0609	0.0298	0.0311	5.33E-02	6.13E-03	1.44E-07	7.17E-04	2.87E-04	3.72E-04	6.08E-02	2.60E-02	6.13E-03	1.44E-07	3.49E-04	1.40E-04	1.81E-04	3.28E-02
1189	489835.89, 3858826.54	0.0382	0.0299	0.0207	0.1044	0.0142	0.0581	0.0286	0.0299	5.20E-02	5.89E-03	1.40E-07	6.72E-04	2.89E-04	3.56E-04	5.92E-02	2.53E-02	5.89E-03	1.40E-07	3.27E-04	1.41E-04	1.73E-04	3.18E-02
1190	489885.89, 3858826.54	0.0373	0.0288	0.0203	0.0985	0.0143	0.0558	0.0275	0.0288	5.07E-02	5.67E-03	1.37E-07	6.34E-04	2.91E-04	3.41E-04	5.77E-02	2.47E-02	5.67E-03	1.37E-07	3.08E-04	1.42E-04	1.66E-04	3.10E-02
1191	489935.89, 3858826.54	0.0364	0.0278	0.0199	0.0934	0.0144	0.0536	0.0264	0.0278	4.95E-02	5.47E-03	1.34E-07	6.01E-04	2.93E-04	3.28E-04	5.62E-02	2.41E-02	5.47E-03	1.34E-07	2.92E-04	1.42E-04	1.60E-04	3.02E-02
1192	489985.89, 3858826.54	0.0355	0.0268	0.0195	0.0888	0.0144	0.0517	0.0255	0.0268	4.84E-02	5.28E-03	1.31E-07	5.71E-04	2.94E-04	3.16E-04	5.48E-02	2.35E-02	5.28E-03	1.31E-07	2.78E-04	1.43E-04	1.54E-04	2.94E-02
1193	490035.89, 3858826.54	0.0348	0.0258	0.0194	0.0848	0.0145	0.0498	0.0245	0.0258	4.73E-02	5.09E-03	1.30E-07	5.45E-04	2.96E-04	3.05E-04	5.36E-02	2.30E-02	5.09E-03	1.30E-07	2.65E-04	1.44E-04	1.48E-04	2.87E-02
1194	489285.89, 3858876.54	0.0568	0.0616	0.0208	0.6326	0.0136	0.192	0.0642	0.0616	7.74E-02	1.21E-02	1.40E-07	4.07E-03	2.77E-04	1.17E-03	9.50E-02	3.77E-02	1.21E-02	1.40E-07	1.98E-03	1.35E-04	5.72E-04	5.25E-02
1195	489335.89, 3858876.54	0.0542	0.0567	0.0213	0.4233	0.0134	0.1536	0.058	0.0567	7.38E-02	1.12E-02	1.44E-07	2.72E-03	2.72E-04	9.40E-04	8.89E-02	3.59E-02	1.12E-02	1.44E-07	1.33E-03	1.33E-04	4.57E-04	4.90E-02
1196	489385.89, 3858876.54	0.0519	0.0526	0.022	0.3206	0.0132	0.1296	0.053	0.0526	7.07E-02	1.04E-02	1.48E-07	2.06E-03	2.69E-04	7.93E-04	8.42E-02	3.44E-02	1.04E-02	1.48E-07	1.00E-03	1.31E-04	3.86E-04	4.63E-02
1197	489435.89, 3858876.54	0.05	0.049	0.0227	0.2593	0.0131	0.1131	0.0488	0.049	6.80E-02	9.65E-03	1.53E-07	1.67E-03	2.66E-04	6.92E-04	8.03E-02	3.31E-02	9.65E-03	1.53E-07	8.12E-04	1.30E-04	3.37E-04	4.40E-02
1198	489485.89, 3858876.54	0.0482	0.0459	0.0236	0.2185	0.013	0.1009	0.0453	0.0459	6.56E-02	9.04E-03	1.59E-07	1.41E-03	2.64E-04	6.17E-04	7.69E-02	3.19E-02	9.04E-03	1.59E-07	6.84E-04	1.29E-04	3.01E-04	4.21E-02
1199	489535.89, 3858876.54	0.0465	0.0432	0.0249	0.1893	0.0129	0.0916	0.0423	0.0432	6.33E-02	8.51E-03	1.68E-07	1.22E-03	2.64E-04	5.60E-04	7.39E-02	3.08E-02	8.51E-03	1.68E-07	5.93E-04	1.28E-04	2.73E-04	4.03E-02
1200	489585.89, 3858876.54	0.045	0.0408	0.0262	0.1673	0.0129	0.0841	0.0397	0.0408	6.13E-02	8.04E-03	1.76E-07	1.08E-03	2.64E-04	5.14E-04	7.12E-02	2.98E-02	8.04E-03	1.76E-07	5.24E-04	1.28E-04	2.50E-04	3.88E-02
1201	489635.89, 3858876.54	0.0436	0.0387	0.0264	0.1504	0.013	0.0781	0.0375	0.0387	5.93E-02	7.62E-03	1.78E-07	9.67E-04	2.64E-04	4.78E-04	6.87E-02	2.89E-02	7.62E-03	1.78E-07	4.71E-04	1.29E-04	2.33E-04	3.73E-02
1202	489685.89, 3858876.54	0.0423	0.0368	0.0255	0.1368	0.013	0.073	0.0355	0.0368	5.76E-02	7.25E-03	1.72E-07	8.80E-04	2.65E-04	4.47E-04	6.64E-02	2.80E-02	7.25E-03	1.72E-07	4.28E-04	1.29E-04	2.17E-04	3.60E-02
1203	489735.89, 3858876.54	0.0411	0.0351	0.0244	0.1256	0.0131	0.0687	0.0337	0.0351	5.59E-02	6.91E-03	1.64E-07	8.08E-04	2.67E-04	4.20E-04	6.43E-02	2.72E-02	6.91E-03	1.64E-07	3.93E-04	1.30E-04	2.05E-04	3.49E-02
1204	489785.89, 3858876.54	0.0399	0.0336	0.0234	0.1165	0.0132	0.065	0.0322	0.0336	5.44E-02	6.62E-03	1.57E-07	7.49E-04	2.69E-04	3.98E-04	6.24E-02	2.65E-02	6.62E-03	1.57E-07	3.65E-04	1.31E-04	1.94E-04	3.38E-02
1205	489835.89, 3858876.54	0.0389	0.0322	0.0227	0.1086	0.0133	0.0618	0.0307	0.0322	5.29E-02	6.34E-03	1.53E-07	6.99E-04	2.71E-04	3.78E-04	6.06E-02	2.58E-02	6.34E-03	1.53E-07	3.40E-04	1.32E-04	1.84E-04	3.28E-02
1206	489885.89, 3858876.54	0.0379	0.0309	0.0222	0.1021	0.0134	0.059	0.0295	0.0309	5.16E-02	6.09E-03	1.49E-07	6.57E-04	2.72E-04	3.61E-04	5.89E-02	2.51E-02	6.09E-03	1.49E-07	3.20E-04	1.33E-04	1.76E-04	3.18E-02
1207	489935.89, 3858876.54	0.0369	0.0297	0.0216	0.0963	0.0135	0.0564	0.0283	0.0297	5.03E-02	5.86E-03	1.45E-07	6.19E-04	2.75E-04	3.45E-04	5.74E-02	2.45E-02	5.86E-03	1.45E-07	3.01E-04	1.34E-04	1.68E-04	3.09E-02
1208	489985.89, 3858876.54	0.0361	0.0286	0.0212	0.0912	0.0136	0.0541	0.0272	0.0286	4.91E-02	5.62E-03	1.43E-07	5.86E-04	2.77E-04	3.31E-04	5.59E-02	2.39E-02	5.62E-03	1.43E-07	2.85E-04	1.35E-04	1.61E-04	3.01E-02
1209	490035.89, 3858876.54	0.0353	0.0275	0.0213	0.0867	0.0137	0.052	0.0261	0.0275	4.80E-02	5.41E-03	1.44E-07	5.58E-04	2.78E-04	3.18E-04	5.46E-02	2.34E-02	5.41E-03	1.44E-07	2.72E-04	1.36E-04	1.55E-04	2.93E-02
1210	489285.89, 3858926.54	0.0607	0.0733	0.0225	0.8764	0.0131	0.3014	0.0768	0.0733	8.26E-02	1.44E-02	1.52E-07	5.64E-03	2.66E-04	1.84E-03	1.05E-01	4.02E-02	1.44E-02	1.52E-07	2.74E-03	1.30E-04	8.98E-04	5.84E-02
1211	489335.89, 3858926.54	0.0576	0.0664	0.0231	0.5502	0.0128	0.2168	0.0681	0.0664	7.84E-02	1.31E-02	1.55E-07	3.54E-03	2.61E-04	1.33E-03	9.66E-02	3.82E-02	1.31E-02	1.55E-07	1.72E-03	1.27E-04	6.46E-04	5.37E-02
1212	489385.89, 3858926.54	0.055	0.0607	0.0238	0.3939	0.0126	0.1691	0.0613	0.0607	7.49E-02	1.20E-02	1.60E-07	2.53E-03	2.57E-04	1.03E-03	9.07E-02	3.65E-02	1.20E-02	1.60E-07	1.23E-03	1.25E-04	5.04E-04	5.03E-02
1213	489435.89, 3858926.54	0.0528	0.0559	0.0247	0.3067	0.0125	0.1399	0.0558	0.0559	7.19E-02	1.10E-02	1.66E-07	1.97E-03	2.54E-04	8.56E-04	8.60E-02	3.50E-02	1.10E-02	1.66E-07	9.60E-04	1.24E-04	4.17E-04	4.75E-02
1214	489485.89, 3858926.54	0.0506	0.0519	0.0257	0.2513	0.0123	0.1203	0.0513	0.0519	6.89E-02	1.02E-02	1.73E-07	1.62E-03	2.52E-04	7.36E-04	8.18E-02	3.36E-02	1.02E-02	1.73E-07	7.87E-04	1.23E-04	3.58E-04	4.50E-02
1215	489535.89, 3858926.54	0.0486	0.0484	0.0272	0.2133	0.0123	0.1062	0.0475	0.0484	6.61E-02	9.54E-03	1.83E-07	1.37E-03	2.50E-04	6.50E-04	7.79E-02	3.22E-02	9.54E-03	1.83E-07	6.68E-04	1.22E-04	3.16E-04	4.28E-02
1216	489585.89, 3858926.54	0.0467	0.0454	0.029	0.1857	0.0122	0.0955	0.0442	0.0454	6.36E-02	8.94E-03	1.95E-07	1.19E-03	2.49E-04	5.84E-04	7.46E-02	3.10E-02	8.94E-03	1.95E-07	5.81E-04	1.21E-04	2.84E-04	4.09E-02
1217	489635.89, 3858926.54	0.0451	0.0428	0.0297	0.1647	0.0122	0.0872	0.0414	0.0428	6.14E-02	8.42E-03	2.00E-07	1.06E-03	2.49E-04	5.34E-04	7.16E-02	2.99E-02	8.42E-03	2.00E-07	5.16E-04	1.21E-04	2.60E-04	3.92E-02
1218	489685.89, 3858926.54	0.0436	0.0404	0.0288	0.1482	0.0123	0.0804	0.039	0.0404	5.93E-02	7.96E-03	1.94E-07	9.53E-04	2.50E-04	4.92E-04	6.90E-02	2.89E-02	7.96E-03	1.94E-07	4.64E-04	1.22E-04	2.40E-04	3.77E-02
1219	489735.89, 3858926.54	0.0422	0.0384	0.0275	0.1351	0.0123	0.075	0.0369	0.0384	5.75E-02	7.56E-03	1.85E-07	8.69E-04	2.51E-04	4.59E-04	6.66E-02	2.80E-02	7.56E-03	1.85E-07	4.23E-04	1.22E-04	2.23E-04	3.63E-02
1220	489785.89, 3858926.54	0.0409	0.0365	0.0263	0.1243	0.0124	0.0704	0.035	0.0365	5.57E-02	7.20E-03	1.77E-07	8.00E-04	2.52E-04	4.31E-04	6.44E-02	2.71E-02	7.20E-03	1.77E-07	3.89E-04	1.23E-04	2.10E-04	3.50E-02
1221	489835.89, 3858926.54	0.0398	0.0349	0.0255	0.1152	0.0124	0.0664	0.0333	0.0349	5.41E-02	6.87E-03	1.72E-07	7.41E-04	2.54E-04	4.06E-04	6.24E-02	2.64E-02	6.87E-03	1.72E-07	3.61E-04	1.23E-04	1.98E-04	3.39E-02
1222	489885.89, 3858926.54	0.0387	0.0334	0.0248	0.1075	0.0125	0.0629	0.0319	0.0334	5.26E-02	6.57E-03	1.67E-07	6.92E-04	2.55E-04	3.85E-04	6.06E-02	2.56E-02	6.57E-03	1.67E-07	3.37E-04	1.24E-04	1.87E-04	3.28E-02
1223	489935.89, 3858926.54	0.0377	0.032	0.0242	0.1009	0.0126	0.0599	0.0305	0.032	5.13E-02	6.30E-03	1.63E-07	6.49E-04	2.57E-04	3.66E-04	5.88E-02	2.50E-02	6.30E-03	1.63E-07	3.16E-04	1.25E-04	1.78E-04	3.19E-02
1224	489985.89, 3858926.54	0.0367	0.0307	0.024	0.095	0.0127	0.0571	0.0292	0.0307	5.00E-02	6.04E-03	1.61E-07	6.11E-04	2.60E-04	3.49E-04	5.73E-02	2.43E-02	6.04E-03	1.61E-07	2.97E-04	1.26E-04	1.70E-04	3.10E-02
1225	490035.89, 3858926.54	0.0359	0.0293	0.0244	0.0897	0.0129	0.0545	0.0278	0.0293	4.89E-02	5.76E-03	1.64E-07	5.77E-04	2.62E-04	3.34E-04	5.58E-02	2.38E-02	5.76E-03	1.64E-07	2.81E-04	1.28E-04	1.62E-04	3.01E-02
1226	489335.89, 3858976.54	0.067	0.0802	0.0257	0.9804	0.0124	0.3767	0.0824	0.0802	9.11E-02	1.58E-02	1.73E-07	6.31E-03	2.52E-04	2.31E-03	1.16E-01	4.44E-02	1.58E-02	1.73E-07	3.07E-03	1.23E-04	1.12E-03	6.45E-02
1227	489385.89, 3858976.54	0.0644	0.0719	0.0265	0.5911	0.0121	0.2549	0.0727	0.0719	8.77E-02	1.42E-02	1.78E-07	3.80E-03	2.47E-04	1.56E-03	1.08E-01	4.27E-02	1.42E-02	1.78E-07	1.85E-03	1.20E-04	7.59E-04	5.96E-02
1228	489435.89, 3858976.54	0.0595	0.0654	0.0276	0.4128	0.0119	0.191	0.0653	0.0654	8.10E-02	1.29E-02	1.86E-07	2.66E-03	2.43E-04	1.17E-03	9.79E-02	3.94E-02	1.29E-02	1.86E-07	1.29E-03	1.18E-04	5.69E-04	5.43E-02
1229	489485.89, 3858976.54	0.0553	0.0598	0.0289	0.3162	0.0118	0.1534	0.0592	0.0598	7.53E-02	1.18E-02	1.95E-07	2.03E-03	2.40E-04	9.39E-04	9.03E-02	3.66E-02	1.18E-02	1.95E-07	9.90E-04	1.17E-04	4.57E-04	5.00E-02
1230	489535.89, 3858976.54	0.0519	0.0552	0.0306	0.2565	0.0117	0.1291	0.0542	0.0552	7.07E-02	1.09E-02	2.06E-07	1.65E-03	2.39E-04	7.90E-04	8.42E-02	3.44E-02	1.09E-02	2.06E-07	8.03E-04	1.16E-04	3.85E-04	4.66E-02
1231	489585.89, 3858976.54	0.0493	0.0513	0.0329	0.2167	0.0116	0.1125	0.0501	0.0513	6.71E-02	1.01E-02	2.21E-07	1.39E-03	2.37E-04	6.89E-04	7.95E-02	3.27E-02	1.01E-02	2.21E-07	6.78E-04	1.15E-04	3.35E-04	4.39E-02
1232	489635.89, 3858976.54	0.0472	0.0479	0.0344	0.1878	0.0116	0.1002	0.0465	0.0479	6.42E-02	9.43E-03	2.31E-07	1.21E-03	2.36E-04	6.13E-04	7.57E-02	3.13E-02	9.43E-03	2.31E-07	5.88E-04	1.15E-04	2.98E-04	4.17E-02
1233	489685.89, 3858976.54	0.0454	0.0449	0.0336	0.166	0.0116	0.0907	0.0434	0.0449	6.17E-02	8.84E-03	2.26E-07	1.07E-03	2.36E-04	5.55E-04	7.24E-02	3.01E-02	8.84E-03	2.26E-07	5.20E-04	1.15E-04	2.70E-04	3.98E-02
1234	489735.89, 3858976.54	0.0437	0.0423	0.032	0.1492	0.0116	0.0833	0.0408	0.0423	5.95E-02	8.34E-03	2.16E-07	9.59E-04	2.37E-04	5.09E-04	6.96E-02	2.90E-02	8.34E-03	2.16E-07	4.67E-04	1.15E-04	2.48E-04	3.81E-02
1235	489785.89, 3858976.54	0.0422	0.0401	0.0306	0.1358	0.0116	0.0773	0.0386	0.0401	5.75E-02	7.90E-03	2.06E-07	8.73E-04	2.37E-04	4.73E-04	6.70E-02	2.80E-02	7.90E-03	2.06E-07	4.25E-04	1.15E-04	2.30E-04	3.67E-02
1236	489835.89, 3858976.54	0.0409	0.0381	0.0296	0.1247	0.0117	0.0723	0.0366	0.0381	5.57E-02	7.51E-03	1.99E-07	8.02E-04	2.38E-04	4.42E-04	6.47E-02	2.71E-02	7.51E-03	1.99E-07	3.90E-04	1.16E-04	2.15E-04	3.53E-02

1237	489885.89, 3858976.54	0.0397	0.0362	0.0286	0.1152	0.0118	0.0678	0.0347	0.0362	5.41E-02	7.14E-03	1.93E-07	7.41E-04	2.40E-04	4.15E-04	6.26E-02	2.63E-02	7.14E-03	1.93E-07	3.61E-04	1.17E-04	2.02E-04	3.41E-02
1238	489935.89, 3858976.54	0.0386	0.0346	0.0279	0.1072	0.0119	0.064	0.0331	0.0346	5.25E-02	6.81E-03	1.88E-07	6.89E-04	2.42E-04	3.92E-04	6.07E-02	2.56E-02	6.81E-03	1.88E-07	3.35E-04	1.18E-04	1.91E-04	3.30E-02
1239	489985.89, 3858976.54	0.0375	0.033	0.0282	0.1004	0.012	0.0607	0.0316	0.033	5.11E-02	6.51E-03	1.90E-07	6.46E-04	2.44E-04	3.72E-04	5.89E-02	2.49E-02	6.51E-03	1.90E-07	3.14E-04	1.19E-04	1.81E-04	3.20E-02
1240	490035.89, 3858976.54	0.0367	0.0311	0.0289	0.0935	0.0121	0.057	0.0297	0.0311	5.00E-02	6.13E-03	1.95E-07	6.01E-04	2.48E-04	3.49E-04	5.73E-02	2.43E-02	6.13E-03	1.95E-07	2.93E-04	1.21E-04	1.70E-04	3.11E-02
1241	489385.89, 3859026.54	0.0759	0.0884	0.0305	0.6978	0.0117	0.4799	0.0899	0.0884	1.03E-01	1.74E-02	2.05E-07	4.49E-03	2.39E-04	2.94E-03	1.28E-01	5.03E-02	1.74E-02	2.05E-07	2.18E-03	1.16E-04	1.43E-03	7.15E-02
1242	489435.89, 3859026.54	0.0707	0.0785	0.0319	0.7018	0.0115	0.3049	0.0789	0.0785	9.63E-02	1.55E-02	2.14E-07	4.51E-03	2.35E-04	1.87E-03	1.18E-01	4.69E-02	1.55E-02	2.14E-07	2.20E-03	1.14E-04	9.08E-04	6.56E-02
1243	489485.89, 3859026.54	0.0615	0.0706	0.0336	0.4638	0.0113	0.2178	0.0703	0.0706	8.38E-02	1.39E-02	2.26E-07	2.98E-03	2.31E-04	1.33E-03	1.02E-01	4.08E-02	1.39E-02	2.26E-07	1.45E-03	1.12E-04	6.49E-04	5.69E-02
1244	489535.89, 3859026.54	0.0563	0.0642	0.0356	0.3431	0.0112	0.1696	0.0634	0.0642	7.66E-02	1.27E-02	2.40E-07	2.21E-03	2.28E-04	1.04E-03	9.27E-02	3.73E-02	1.27E-02	2.40E-07	1.07E-03	1.11E-04	5.05E-04	5.16E-02
1245	489585.89, 3859026.54	0.0528	0.0589	0.0383	0.2721	0.0111	0.1396	0.0578	0.0589	7.19E-02	1.16E-02	2.58E-07	1.75E-03	2.26E-04	8.54E-04	8.63E-02	3.50E-02	1.16E-02	2.58E-07	8.52E-04	1.10E-04	4.16E-04	4.80E-02
1246	489635.89, 3859026.54	0.0502	0.0544	0.0409	0.2263	0.011	0.1197	0.0531	0.0544	6.83E-02	1.07E-02	2.75E-07	1.46E-03	2.25E-04	7.33E-04	8.15E-02	3.33E-02	1.07E-02	2.75E-07	7.09E-04	1.09E-04	3.57E-04	4.51E-02
1247	489685.89, 3859026.54	0.0479	0.0506	0.0407	0.1942	0.011	0.1055	0.0492	0.0506	6.52E-02	9.97E-03	2.74E-07	1.25E-03	2.24E-04	6.45E-04	7.73E-02	3.17E-02	9.97E-03	2.74E-07	6.08E-04	1.09E-04	3.14E-04	4.28E-02
1248	489735.89, 3859026.54	0.0459	0.0474	0.0387	0.1707	0.011	0.0948	0.0459	0.0474	6.24E-02	9.33E-03	2.61E-07	1.10E-03	2.24E-04	5.80E-04	7.37E-02	3.04E-02	9.33E-03	2.61E-07	5.34E-04	1.09E-04	2.82E-04	4.06E-02
1249	489785.89, 3859026.54	0.0441	0.0445	0.0369	0.1525	0.011	0.0865	0.043	0.0445	6.00E-02	8.77E-03	2.48E-07	9.81E-04	2.24E-04	5.29E-04	7.05E-02	2.92E-02	8.77E-03	2.48E-07	4.78E-04	1.09E-04	2.58E-04	3.88E-02
1250	489835.89, 3859026.54	0.0425	0.0419	0.0355	0.1378	0.011	0.0796	0.0404	0.0419	5.78E-02	8.26E-03	2.39E-07	8.86E-04	2.25E-04	4.87E-04	6.77E-02	2.81E-02	8.26E-03	2.39E-07	4.31E-04	1.10E-04	2.37E-04	3.72E-02
1251	489885.89, 3859026.54	0.041	0.0397	0.0343	0.1259	0.0111	0.074	0.0382	0.0397	5.59E-02	7.82E-03	2.31E-07	8.10E-04	2.26E-04	4.53E-04	6.52E-02	2.72E-02	7.82E-03	2.31E-07	3.94E-04	1.10E-04	2.20E-04	3.57E-02
1252	489935.89, 3859026.54	0.0398	0.0377	0.0339	0.116	0.0112	0.0692	0.0362	0.0377	5.41E-02	7.42E-03	2.28E-07	7.46E-04	2.28E-04	4.24E-04	6.29E-02	2.63E-02	7.42E-03	2.28E-07	3.63E-04	1.11E-04	2.06E-04	3.44E-02
1253	489985.89, 3859026.54	0.0386	0.0358	0.0349	0.1076	0.0113	0.0651	0.0344	0.0358	5.25E-02	7.06E-03	2.35E-07	6.92E-04	2.30E-04	3.99E-04	6.09E-02	2.56E-02	7.06E-03	2.35E-07	3.37E-04	1.12E-04	1.94E-04	3.33E-02
1254	490035.89, 3859026.54	0.0377	0.0335	0.0365	0.099	0.0115	0.0605	0.0321	0.0335	5.13E-02	6.60E-03	2.46E-07	6.37E-04	2.34E-04	3.70E-04	5.91E-02	2.50E-02	6.60E-03	2.46E-07	3.10E-04	1.14E-04	1.80E-04	3.22E-02
1255	489485.89, 3859076.54	0.0688	0.0864	0.0403	0.9084	0.0109	0.3734	0.0868	0.0864	9.37E-02	1.70E-02	2.72E-07	5.84E-03	2.23E-04	2.28E-03	1.19E-01	4.56E-02	1.70E-02	2.72E-07	2.84E-03	1.09E-04	1.11E-03	6.67E-02
1256	489535.89, 3859076.54	0.0652	0.0769	0.0431	0.5525	0.0108	0.2531	0.0766	0.0769	8.88E-02	1.51E-02	2.90E-07	3.55E-03	2.20E-04	1.55E-03	1.09E-01	4.32E-02	1.51E-02	2.90E-07	1.73E-03	1.07E-04	7.54E-04	6.10E-02
1257	489585.89, 3859076.54	0.06	0.0693	0.0464	0.3865	0.0107	0.1894	0.0685	0.0693	8.17E-02	1.36E-02	3.13E-07	2.49E-03	2.17E-04	1.16E-03	9.92E-02	3.98E-02	1.36E-02	3.13E-07	1.21E-03	1.06E-04	5.64E-04	5.53E-02
1258	489635.89, 3859076.54	0.0557	0.0632	0.0505	0.2971	0.0106	0.1524	0.0622	0.0632	7.59E-02	1.24E-02	3.40E-07	1.91E-03	2.15E-04	9.32E-04	9.14E-02	3.69E-02	1.24E-02	3.40E-07	9.30E-04	1.05E-04	4.54E-04	5.09E-02
1259	489685.89, 3859076.54	0.0521	0.0581	0.0514	0.2418	0.0105	0.1284	0.0569	0.0581	7.09E-02	1.14E-02	3.46E-07	1.56E-03	2.14E-04	7.85E-04	8.49E-02	3.45E-02	1.14E-02	3.46E-07	7.57E-04	1.04E-04	3.82E-04	4.72E-02
1260	489735.89, 3859076.54	0.0491	0.0538	0.0489	0.2046	0.0104	0.1117	0.0525	0.0538	6.68E-02	1.06E-02	3.29E-07	1.32E-03	2.13E-04	6.83E-04	7.96E-02	3.25E-02	1.06E-02	3.29E-07	6.40E-04	1.04E-04	3.33E-04	4.42E-02
1261	489785.89, 3859076.54	0.0466	0.0501	0.0464	0.1777	0.0104	0.0994	0.0487	0.0501	6.34E-02	9.87E-03	3.13E-07	1.14E-03	2.13E-04	6.08E-04	7.52E-02	3.09E-02	9.87E-03	3.13E-07	5.56E-04	1.04E-04	2.96E-04	4.17E-02
1262	489835.89, 3859076.54	0.0445	0.0469	0.0445	0.1573	0.0105	0.0898	0.0454	0.0469	6.06E-02	9.23E-03	3.00E-07	1.01E-03	2.13E-04	5.50E-04	7.16E-02	2.95E-02	9.23E-03	3.00E-07	4.92E-04	1.04E-04	2.68E-04	3.96E-02
1263	489885.89, 3859076.54	0.0427	0.044	0.043	0.1413	0.0105	0.0822	0.0425	0.044	5.82E-02	8.66E-03	2.90E-07	9.09E-04	2.14E-04	5.03E-04	6.85E-02	2.83E-02	8.66E-03	2.90E-07	4.42E-04	1.04E-04	2.45E-04	3.78E-02
1264	489935.89, 3859076.54	0.0412	0.0415	0.0437	0.1285	0.0106	0.0761	0.0401	0.0415	5.60E-02	8.18E-03	2.94E-07	8.27E-04	2.15E-04	4.66E-04	6.57E-02	2.73E-02	8.18E-03	2.94E-07	4.02E-04	1.05E-04	2.27E-04	3.62E-02
1265	489985.89, 3859076.54	0.0398	0.0392	0.0463	0.1178	0.0106	0.0708	0.0378	0.0392	5.42E-02	7.73E-03	3.12E-07	7.58E-04	2.17E-04	4.33E-04	6.33E-02	2.64E-02	7.73E-03	3.12E-07	3.69E-04	1.06E-04	2.11E-04	3.48E-02
1266	490035.89, 3859076.54	0.0387	0.0366	0.0498	0.1074	0.0108	0.0653	0.0352	0.0366	5.27E-02	7.21E-03	3.36E-07	6.91E-04	2.20E-04	4.00E-04	6.12E-02	2.56E-02	7.21E-03	3.36E-07	3.36E-04	1.07E-04	1.95E-04	3.35E-02
1267	489585.89, 3859126.54	0.0761	0.0844	0.0592	0.6912	0.0103	0.3013	0.0843	0.0844	1.04E-01	1.66E-02	3.99E-07	4.45E-03	2.09E-04	1.84E-03	1.27E-01	5.04E-02	1.66E-02	3.99E-07	2.16E-03	1.02E-04	8.97E-04	7.02E-02
1268	489635.89, 3859126.54	0.0658	0.0755	0.0651	0.4516	0.0101	0.2157	0.0748	0.0755	8.96E-02	1.49E-02	4.38E-07	2.90E-03	2.06E-04	1.32E-03	1.09E-01	4.36E-02	1.49E-02	4.38E-07	1.41E-03	1.00E-04	6.42E-04	6.06E-02
1269	489685.89, 3859126.54	0.0584	0.0682	0.0681	0.3318	0.01	0.1679	0.0673	0.0682	7.95E-02	1.34E-02	4.59E-07	2.13E-03	2.05E-04	1.03E-03	9.63E-02	3.87E-02	1.34E-02	4.59E-07	1.04E-03	9.96E-05	5.00E-04	5.38E-02
1270	489735.89, 3859126.54	0.0533	0.0623	0.065	0.2626	0.01	0.1385	0.0612	0.0623	7.25E-02	1.23E-02	4.38E-07	1.69E-03	2.04E-04	8.47E-04	8.76E-02	3.53E-02	1.23E-02	4.38E-07	8.22E-04	9.91E-05	4.12E-04	4.89E-02
1271	489785.89, 3859126.54	0.0497	0.0574	0.0615	0.218	0.0099	0.1186	0.0561	0.0574	6.77E-02	1.13E-02	4.14E-07	1.40E-03	2.03E-04	7.26E-04	8.13E-02	3.29E-02	1.13E-02	4.14E-07	6.83E-04	9.87E-05	3.53E-04	4.54E-02
1272	489835.89, 3859126.54	0.0471	0.0531	0.0588	0.1867	0.0099	0.1043	0.0518	0.0531	6.41E-02	1.05E-02	3.96E-07	1.20E-03	2.03E-04	6.38E-04	7.66E-02	3.12E-02	1.05E-02	3.96E-07	5.85E-04	9.87E-05	3.11E-04	4.26E-02
1273	489885.89, 3859126.54	0.0449	0.0494	0.0576	0.1635	0.01	0.0935	0.048	0.0494	6.11E-02	9.73E-03	3.88E-07	1.05E-03	2.03E-04	5.72E-04	7.26E-02	2.97E-02	9.73E-03	3.88E-07	5.12E-04	9.90E-05	2.78E-04	4.03E-02
1274	489935.89, 3859126.54	0.043	0.0462	0.0606	0.146	0.01	0.0851	0.0449	0.0462	5.85E-02	9.11E-03	4.08E-07	9.39E-04	2.04E-04	5.21E-04	6.92E-02	2.85E-02	9.11E-03	4.08E-07	4.57E-04	9.93E-05	2.53E-04	3.84E-02
1275	489985.89, 3859126.54	0.0414	0.0433	0.0661	0.1313	0.0101	0.0779	0.0419	0.0433	5.63E-02	8.52E-03	4.45E-07	8.45E-04	2.06E-04	4.77E-04	6.63E-02	2.74E-02	8.52E-03	4.45E-07	4.11E-04	1.00E-04	2.32E-04	3.67E-02
1276	490035.89, 3859126.54	0.04	0.0404	0.0718	0.1192	0.0102	0.0718	0.0391	0.0404	5.44E-02	7.96E-03	4.83E-07	7.67E-04	2.08E-04	4.40E-04	6.38E-02	2.65E-02	7.96E-03	4.83E-07	3.73E-04	1.01E-04	2.14E-04	3.51E-02
1277	489585.89, 3859176.54	0.0845	0.108	0.0798	0.6414	0.0099	0.3952	0.1088	0.108	1.15E-01	2.13E-02	5.37E-07	4.13E-03	2.02E-04	2.42E-03	1.43E-01	5.60E-02	2.13E-02	5.37E-07	2.01E-03	9.84E-05	1.18E-03	8.05E-02
1278	489635.89, 3859176.54	0.075	0.0937	0.0885	0.9126	0.0098	0.3685	0.0936	0.0937	1.02E-01	1.85E-02	5.96E-07	5.87E-03	1.99E-04	2.25E-03	1.29E-01	4.97E-02	1.85E-02	5.96E-07	2.86E-03	9.69E-05	1.10E-03	7.22E-02
1279	489685.89, 3859176.54	0.0646	0.0828	0.0959	0.5472	0.0096	0.2501	0.0823	0.0828	8.79E-02	1.63E-02	6.46E-07	3.52E-03	1.97E-04	1.53E-03	1.10E-01	4.28E-02	1.63E-02	6.46E-07	1.71E-03	9.57E-05	7.45E-04	6.17E-02
1280	489735.89, 3859176.54	0.0584	0.0742	0.0928	0.3801	0.0096	0.1875	0.0734	0.0742	7.95E-02	1.46E-02	6.25E-07	2.44E-03	1.95E-04	1.15E-03	9.79E-02	3.87E-02	1.46E-02	6.25E-07	1.19E-03	9.48E-05	5.58E-04	5.52E-02
1281	489785.89, 3859176.54	0.0541	0.0671	0.0871	0.2903	0.0095	0.1507	0.0661	0.0671	7.36E-02	1.32E-02	5.87E-07	1.87E-03	1.94E-04	9.22E-04	8.99E-02	3.58E-02	1.32E-02	5.87E-07	9.09E-04	9.44E-05	4.49E-04	5.05E-02
1282	489835.89, 3859176.54	0.0507	0.0614	0.0832	0.2353	0.0095	0.1267	0.0602	0.0614	6.90E-02	1.21E-02	5.60E-07	1.51E-03	1.94E-04	7.75E-04	8.36E-02	3.36E-02	1.21E-02	5.60E-07	7.37E-04	9.42E-05	3.77E-04	4.69E-02
1283	489885.89, 3859176.54	0.0478	0.0564	0.0844	0.1982	0.0095	0.11	0.0552	0.0564	6.51E-02	1.11E-02	5.69E-07	1.27E-03	1.94E-04	6.73E-04	7.83E-02	3.17E-02	1.11E-02	5.69E-07	6.20E-04	9.42E-05	3.27E-04	4.38E-02
1284	489935.89, 3859176.54	0.0453	0.0523	0.0932	0.172	0.0095	0.0978	0.0511	0.0523	6.17E-02	1.03E-02	6.28E-07	1.11E-03	1.94E-04	5.99E-04	7.39E-02	3.00E-02	1.03E-02	6.28E-07	5.38E-04	9.44E-05	2.91E-04	4.13E-02
1285	489985.89, 3859176.54	0.0433	0.0485	0.1027	0.1513	0.0096	0.0879	0.0472	0.0485	5.89E-02	9.55E-03	6.91E-07	9.73E-04	1.95E-04	5.38E-04	7.02E-02	2.87E-02	9.55E-03	6.91E-07	4.74E-04	9.50E-05	2.62E-04	3.91E-02
1286	490035.89, 3859176.54	0.0415	0.0455	0.1093	0.1361	0.0096	0.0806	0.0442	0.0455	5.65E-02	8.96E-03	7.36E-07	8.76E-04	1.96E-04	4.93E-04	6.70E-02	2.75E-02	8.96E-03	7.36E-07	4.26E-04	9.54E-05	2.40E-04	3.72E-02
1287	489685.89, 3859226.54	0.0763	0.1052	0.1448	0.6607	0.0093	0.4667	0.1054	0.1052	1.04E-01	2.07E-02	9.75E-07	4.25E-03	1.90E-04	2.86E-03	1.32E-01	5.06E-02	2.07E-02	9.75E-07	2.07E-03	9.24E-05	1.39E-03	7.49E-02
1288	489735.89, 3859226.54	0.0725	0.0917	0.1442	0.6918	0.0092	0.2968	0.0915	0.0917	9.88E-02	1.81E-02	9.71E-07	4.45E-03	1.87E-04	1.82E-03	1.23E-01	4.81E-02	1.81E-02	9.71E-07	2.17E-03	9.12E-05	8.84E-04	6.93E-02
1289	489785.89, 3859226.54	0.0638	0.0812	0.1346	0.4491	0.0091	0.2131	0.0806	0.0812	8.69E-02	1.60E-02	9.06E-07	2.89E-03	1.86E-04	1.30E-03	1.07E-01	4.23E-02	1.60E-02	9.06E-07	1.41E-03	9.06E-05	6.35E-04	6.04E-02
1290	489835.89, 3859226.54	0.0573	0.0727	0.1295	0.3268	0.0091	0.1655	0.0719	0.0727	7.80E-02	1.43E-02	8.72E-07	2.10E-03	1.85E-04	1.01E-03	9.57E-02	3.80E-02	1.43E-02	8.72E-07	1.02E-03	9.02E-05	4.93E-04	5.39E-02
1291	489885.89, 3859226.54	0.0524	0.0659	0.1407	0.2572	0.0091	0.1363	0.065	0.0659	7.13E-02	1.30E-02	9.47E-07	1.65E-03	1.85E-04	8.34E-04	8.69E-02	3.47E-02	1.30E-02	9.47E-07	8.05E-04	9.00E-05	4.06E-04	4.90E-02
1292	489935.89, 3859226.54	0.0486	0.0602	0.1599	0.2127	0.0091	0.1168	0.0593	0.0602	6.62E-02	1.19E-02	1.08E-06	1.37E-03	1.85E-04	7.14E-04	8.03E-02	3.22E-02	1.19E-02	1.08E-06	6.66E-04	9.01E-05	3.48E-04	4.52E-02
1293	489985.89, 3859226.54	0.0459	0.055	0.1704	0.1803	0.0091	0.1017	0.054	0.055	6.24E-02	1.08E-02	1.15E-06	1.16E-03	1.86E-04	6.23E-04	7.52E-02	3.04E-02	1.08E-02	1.15E-06	5.65E-04	9.06E-05	3.03E-04	4.22E-02
1294	490035.89, 3859226.54	0.0435	0.0512	0.1766	0.1588	0.0092	0.0917	0.0502	0.0512	5.93E-02	1.01E-02	1.19E-06	1.02E-03	1.87E-04	5.61E-04	7.11E-02	2.88E-02	1.01E-02	1.19E-06	4.97E-04	9.08E-05	2.73E-04	3.98E-02
1295	489735.89, 3859276.54	0.0855	0.1202	0.2508	0.6019	0.0089	0.3715	0.1211	0.1202	1.16E-01	2.37E-02	1.69E-06	3.87E-03	1.81E-04	2.27E-03	1.46E-01	5.66E-02	2.37E-02	1.69E-06	1.88E-03	8.82E-05	1.11E-03	8.34E-02
1296	489785.89, 3859276.54	0.0789	0.1027	0.2332	0.9289	0.0088	0.3638	0.103	0.1027	1.07E-01	2.02E-02	1.57E-06	5.97E-03	1.79E-04	2.23E-03	1.36E-01	5.23E-02	2.02E-02	1.57E-06	2.91E-03	8.73E-05	1.08E-03	7.66E-02
1297	489835.89, 3859276.54	0.0668	0.0894	0.237	0.5489	0.0087	0.2467	0.0893	0.0894	9.09E-02	1.76E-02	1.60E-06	3.53E-03	1.78E-04	1.51E-03	1.14E-01	4.42E-02	1.76E-02	1.60E-06	1.72E-03	8.68E-05	7.35E-04	6.44E-02
1298	489885.89, 3859276.54	0.0579	0.0793	0.2792	0.3774	0.0087	0.185	0.079	0.0793	7.88E-02	1.56E-02	1.88E-06	2.43E-03	1.77E-04	1.13E-03	9.82E-02	3.84E-02	1.56E-02	1.88E-06	1.18E-03	8.64E-05	5.51E-04	5.58E-02

1299	489935.89, 3859276.54	0.0526	0.0711	0.307	0.2859	0.0087	0.1485	0.0706	0.0711	7.16E-02	1.40E-02	2.07E-06	1.84E-03	1.77E-04	9.09E-04	8.86E-02	3.49E-02	1.40E-02	2.07E-06	8.95E-04	8.63E-05	4.42E-04	5.03E-02
1300	489985.89, 3859276.54	0.0491	0.0638	0.3075	0.2277	0.0087	0.1234	0.0631	0.0638	6.69E-02	1.26E-02	2.07E-06	1.46E-03	1.78E-04	7.55E-04	8.18E-02	3.25E-02	1.26E-02	2.07E-06	7.13E-04	8.68E-05	3.68E-04	4.63E-02
1301	490035.89, 3859276.54	0.0462	0.059	0.3005	0.195	0.0087	0.1089	0.0582	0.059	6.29E-02	1.16E-02	2.02E-06	1.25E-03	1.78E-04	6.66E-04	7.67E-02	3.06E-02	1.16E-02	2.02E-06	6.11E-04	8.66E-05	3.24E-04	4.33E-02
1302	490458.06, 3859590.74	0.0585	0.0996	0.086	0.473	0.0068	0.2049	0.1003	0.0996	7.96E-02	1.96E-02	5.79E-07	3.04E-03	1.38E-04	1.25E-03	1.04E-01	3.87E-02	1.96E-02	5.79E-07	1.48E-03	6.70E-05	6.10E-04	6.05E-02
1303	490508.06, 3859590.74	0.0514	0.0881	0.0798	0.3479	0.0068	0.1633	0.0887	0.0881	6.99E-02	1.73E-02	5.38E-07	2.24E-03	1.38E-04	9.99E-04	9.07E-02	3.40E-02	1.73E-02	5.38E-07	1.09E-03	6.74E-05	4.86E-04	5.30E-02
1304	490558.06, 3859590.74	0.0464	0.0785	0.0743	0.2741	0.0068	0.1361	0.079	0.0785	6.32E-02	1.55E-02	5.00E-07	1.76E-03	1.39E-04	8.33E-04	8.14E-02	3.07E-02	1.55E-02	5.00E-07	8.58E-04	6.78E-05	4.05E-04	4.75E-02
1305	490608.06, 3859590.74	0.0428	0.0706	0.0692	0.2241	0.0069	0.1157	0.0709	0.0706	5.82E-02	1.39E-02	4.66E-07	1.44E-03	1.40E-04	7.08E-04	7.44E-02	2.83E-02	1.39E-02	4.66E-07	7.02E-04	6.83E-05	3.45E-04	4.34E-02
1306	490658.06, 3859590.74	0.04	0.064	0.0645	0.1886	0.0069	0.101	0.0642	0.064	5.45E-02	1.26E-02	4.35E-07	1.21E-03	1.42E-04	6.18E-04	6.90E-02	2.65E-02	1.26E-02	4.35E-07	5.91E-04	6.89E-05	3.01E-04	4.01E-02
1307	490708.06, 3859590.74	0.0378	0.0583	0.0603	0.1624	0.007	0.0895	0.0585	0.0583	5.15E-02	1.15E-02	4.06E-07	1.04E-03	1.43E-04	5.48E-04	6.47E-02	2.51E-02	1.15E-02	4.06E-07	5.08E-04	6.95E-05	2.67E-04	3.74E-02
1308	490758.06, 3859590.74	0.0361	0.0532	0.0563	0.1421	0.0071	0.0804	0.0533	0.0532	4.91E-02	1.05E-02	3.79E-07	9.14E-04	1.44E-04	4.92E-04	6.11E-02	2.39E-02	1.05E-02	3.79E-07	4.45E-04	7.02E-05	2.40E-04	3.51E-02
1309	490808.06, 3859590.74	0.0346	0.0492	0.0529	0.1272	0.0071	0.0736	0.0492	0.0492	4.70E-02	9.69E-03	3.56E-07	8.18E-04	1.45E-04	4.50E-04	5.81E-02	2.29E-02	9.69E-03	3.56E-07	3.98E-04	7.08E-05	2.19E-04	3.33E-02
1310	490858.06, 3859590.74	0.0333	0.0456	0.0497	0.1148	0.0072	0.0678	0.0456	0.0456	4.53E-02	8.98E-03	3.35E-07	7.38E-04	1.47E-04	4.15E-04	5.56E-02	2.20E-02	8.98E-03	3.35E-07	3.59E-04	7.14E-05	2.02E-04	3.17E-02
1311	490458.06, 3859640.74	0.0757	0.1436	0.0659	0.9877	0.0065	0.4005	0.1459	0.1436	1.03E-01	2.83E-02	4.44E-07	6.35E-03	1.32E-04	2.45E-03	1.40E-01	5.02E-02	2.83E-02	4.44E-07	3.09E-03	6.41E-05	1.19E-03	8.28E-02
1312	490508.06, 3859640.74	0.0681	0.1222	0.0639	0.7342	0.0065	0.2756	0.1241	0.1222	9.27E-02	2.41E-02	4.30E-07	4.72E-03	1.33E-04	1.69E-03	1.23E-01	4.51E-02	2.41E-02	4.30E-07	2.30E-03	6.45E-05	8.21E-04	7.24E-02
1313	490558.06, 3859640.74	0.058	0.106	0.0608	0.4873	0.0065	0.2067	0.1075	0.106	7.90E-02	2.09E-02	4.09E-07	3.13E-03	1.33E-04	1.26E-03	1.04E-01	3.85E-02	2.09E-02	4.09E-07	1.53E-03	6.48E-05	6.16E-04	6.15E-02
1314	490608.06, 3859640.74	0.0507	0.0921	0.0573	0.3539	0.0066	0.1636	0.0933	0.0921	6.90E-02	1.81E-02	3.86E-07	2.28E-03	1.34E-04	1.00E-03	9.05E-02	3.36E-02	1.81E-02	3.86E-07	1.11E-03	6.53E-05	4.87E-04	5.34E-02
1315	490658.06, 3859640.74	0.0456	0.0808	0.0541	0.274	0.0066	0.1341	0.0817	0.0808	6.21E-02	1.59E-02	3.64E-07	1.76E-03	1.35E-04	8.21E-04	8.07E-02	3.02E-02	1.59E-02	3.64E-07	8.58E-04	6.59E-05	3.99E-04	4.75E-02
1316	490708.06, 3859640.74	0.042	0.0723	0.0513	0.2231	0.0067	0.1142	0.073	0.0723	5.71E-02	1.42E-02	3.45E-07	1.44E-03	1.36E-04	6.99E-04	7.36E-02	2.78E-02	1.42E-02	3.45E-07	6.99E-04	6.64E-05	3.40E-04	4.31E-02
1317	490758.06, 3859640.74	0.0392	0.0649	0.0485	0.1867	0.0068	0.0992	0.0655	0.0649	5.34E-02	1.28E-02	3.27E-07	1.20E-03	1.38E-04	6.07E-04	6.81E-02	2.60E-02	1.28E-02	3.27E-07	5.84E-04	6.70E-05	2.96E-04	3.97E-02
1318	490808.06, 3859640.74	0.037	0.0594	0.0462	0.1627	0.0068	0.089	0.0598	0.0594	5.04E-02	1.17E-02	3.11E-07	1.05E-03	1.38E-04	5.45E-04	6.38E-02	2.45E-02	1.17E-02	3.11E-07	5.09E-04	6.74E-05	2.65E-04	3.71E-02
1319	490858.06, 3859640.74	0.0352	0.0546	0.044	0.1444	0.0068	0.081	0.055	0.0546	4.79E-02	1.08E-02	2.96E-07	9.29E-04	1.40E-04	4.96E-04	6.03E-02	2.33E-02	1.08E-02	2.96E-07	4.52E-04	6.79E-05	2.41E-04	3.49E-02
1320	490608.06, 3859690.74	0.067	0.1304	0.0467	0.759	0.0063	0.2767	0.1334	0.1304	9.12E-02	2.57E-02	3.14E-07	4.88E-03	1.29E-04	1.69E-03	1.24E-01	4.44E-02	2.57E-02	3.14E-07	2.38E-03	6.26E-05	8.24E-04	7.33E-02
1321	490658.06, 3859690.74	0.0571	0.1094	0.0446	0.492	0.0064	0.2047	0.1118	0.1094	7.77E-02	2.15E-02	3.01E-07	3.16E-03	1.30E-04	1.25E-03	1.04E-01	3.78E-02	2.15E-02	3.01E-07	1.54E-03	6.31E-05	6.10E-04	6.16E-02
1322	490708.06, 3859690.74	0.0497	0.0946	0.0428	0.3554	0.0064	0.1614	0.0964	0.0946	6.77E-02	1.86E-02	2.88E-07	2.29E-03	1.31E-04	9.88E-04	8.97E-02	3.29E-02	1.86E-02	2.88E-07	1.11E-03	6.36E-05	4.81E-04	5.32E-02
1323	490758.06, 3859690.74	0.0447	0.0828	0.041	0.2742	0.0065	0.1326	0.0842	0.0828	6.09E-02	1.63E-02	2.76E-07	1.76E-03	1.32E-04	8.11E-04	7.99E-02	2.96E-02	1.63E-02	2.76E-07	8.58E-04	6.41E-05	3.95E-04	4.72E-02
1324	490808.06, 3859690.74	0.0411	0.0738	0.0394	0.2234	0.0065	0.1134	0.075	0.0738	5.60E-02	1.45E-02	2.65E-07	1.44E-03	1.33E-04	6.94E-04	7.28E-02	2.72E-02	1.45E-02	2.65E-07	6.99E-04	6.45E-05	3.38E-04	4.29E-02
1325	490858.06, 3859690.74	0.0383	0.0676	0.0381	0.1932	0.0065	0.1014	0.0685	0.0676	5.21E-02	1.33E-02	2.57E-07	1.24E-03	1.33E-04	6.21E-04	6.74E-02	2.54E-02	1.33E-02	2.57E-07	6.05E-04	6.48E-05	3.02E-04	3.97E-02
1326	490708.06, 3859740.74	0.0657	0.1365	0.0356	0.784	0.0061	0.2779	0.1411	0.1365	8.94E-02	2.69E-02	2.40E-07	5.04E-03	1.25E-04	1.70E-03	1.23E-01	4.35E-02	2.69E-02	2.40E-07	2.45E-03	6.10E-05	8.28E-04	7.38E-02
1327	490758.06, 3859740.74	0.056	0.1161	0.0347	0.5108	0.0062	0.2087	0.1194	0.1161	7.63E-02	2.29E-02	2.34E-07	3.29E-03	1.26E-04	1.28E-03	1.04E-01	3.71E-02	2.29E-02	2.34E-07	1.60E-03	6.13E-05	6.21E-04	6.23E-02
1328	490808.06, 3859740.74	0.0488	0.1003	0.0337	0.3697	0.0062	0.166	0.1029	0.1003	6.64E-02	1.98E-02	2.27E-07	2.38E-03	1.26E-04	1.02E-03	8.97E-02	3.23E-02	1.98E-02	2.27E-07	1.16E-03	6.15E-05	4.94E-04	5.38E-02
1329	490858.06, 3859740.74	0.0438	0.0884	0.0328	0.2915	0.0062	0.1394	0.0905	0.0884	5.97E-02	1.74E-02	2.21E-07	1.88E-03	1.27E-04	8.53E-04	7.99E-02	2.90E-02	1.74E-02	2.21E-07	9.13E-04	6.19E-05	4.15E-04	4.79E-02
1330	490786.56, 3859749.39	0.054	0.1137	0.0332	0.4749	0.0061	0.1984	0.117	0.1137	7.35E-02	2.24E-02	2.23E-07	3.05E-03	1.25E-04	1.21E-03	1.00E-01	3.58E-02	2.24E-02	2.23E-07	1.49E-03	6.10E-05	5.91E-04	6.03E-02
1331	490836.56, 3859749.39	0.0474	0.0985	0.0322	0.3519	0.0062	0.1602	0.1011	0.0985	6.45E-02	1.94E-02	2.17E-07	2.26E-03	1.26E-04	9.80E-04	8.73E-02	3.14E-02	1.94E-02	2.17E-07	1.10E-03	6.14E-05	4.77E-04	5.25E-02
1332	490786.56, 3859799.39	0.0688	0.1806	0.0281	0.8594	0.0059	0.3838	0.1893	0.1806	9.36E-02	3.56E-02	1.89E-07	5.53E-03	1.20E-04	2.35E-03	1.37E-01	4.56E-02	3.56E-02	1.89E-07	2.69E-03	5.85E-05	1.14E-03	8.50E-02
1333	490836.56, 3859799.39	0.0629	0.1459	0.0275	0.753	0.0059	0.2705	0.1526	0.1459	8.56E-02	2.87E-02	1.85E-07	4.84E-03	1.21E-04	1.66E-03	1.21E-01	4.17E-02	2.87E-02	1.85E-07	2.36E-03	5.88E-05	8.06E-04	7.36E-02
1334	492307.84, 3854508.36	0.0113	0.0044	0.0059	0.0068	0.0092	0.0067	0.0052	0.0044	1.53E-02	8.67E-04	4.00E-08	4.35E-05	1.87E-04	4.10E-05	1.65E-02	7.46E-03	8.67E-04	4.00E-08	2.12E-05	9.10E-05	2.00E-05	8.45E-03
1335	486445.7, 3854753.6	0.0255	0.0066	0.0132	0.02	0.0059	0.0154	0.0125	0.0066	3.47E-02	1.31E-03	8.86E-08	1.28E-04	1.19E-04	9.42E-05	3.63E-02	1.69E-02	1.31E-03	8.86E-08	6.25E-05	5.81E-05	4.59E-05	1.83E-02
1336	472599.75, 3877830.11	0.0002	0.0004	0.0003	0.0004	0.0002	0.0004	0.0004	0.0004	3.13E-04	7.88E-05	1.75E-09	2.32E-06	4.49E-06	2.63E-06	4.01E-04	1.52E-04	7.88E-05	1.75E-09	1.13E-06	2.18E-06	1.28E-06	2.36E-04
1337	493107.48, 3866840.19	0.0011	0.0009	0.0005	0.001	0.0011	0.0012	0.0009	0.0009	1.47E-03	1.71E-04	3.43E-09	6.63E-06	2.30E-05	7.16E-06	1.68E-03	7.16E-04	1.71E-04	3.43E-09	3.22E-06	1.12E-05	3.48E-06	9.05E-04
1338	495815.79, 3861662.87	0.0034	0.0385	0.0023	0.0058	0.0024	0.0058	0.0386	0.0385	4.67E-03	7.58E-03	1.54E-08	3.71E-05	4.81E-05	3.53E-05	1.24E-02	2.27E-03	7.58E-03	1.54E-08	1.81E-05	2.34E-05	1.72E-05	9.91E-03
1339	480272.33, 3841389.2	0.0006	0.0007	0.0003	0.0004	0.0005	0.0005	0.0007	0.0007	7.49E-04	1.42E-04	2.02E-09	2.64E-06	9.99E-06	2.81E-06	9.06E-04	3.64E-04	1.42E-04	2.02E-09	1.28E-06	4.86E-06	1.37E-06	5.14E-04
1340	497005.18, 3862813.64	0.002	0.0134	0.0014	0.0034	0.0019	0.003	0.0135	0.0134	2.72E-03	2.64E-03	9.09E-09	2.15E-05	3.81E-05	1.83E-05	5.44E-03	1.33E-03	2.64E-03	9.09E-09	1.05E-05	1.86E-05	8.90E-06	4.00E-03
1341	493677.33, 3860302.55	0.0095	0.0148	0.0069	0.0162	0.0043	0.2254	0.0147	0.0148	1.30E-02	2.91E-03	4.63E-08	1.04E-04	8.77E-05	1.38E-03	1.75E-02	6.32E-03	2.91E-03	4.63E-08	5.08E-05	4.27E-05	6.71E-04	9.99E-03
1342	493727.33, 3860302.55	0.0094	0.0145	0.0068	0.016	0.0043	0.2229	0.0144	0.0145	1.28E-02	2.86E-03	4.60E-08	1.03E-04	8.71E-05	1.36E-03	1.73E-02	6.25E-03	2.86E-03	4.60E-08	5.00E-05	4.24E-05	6.64E-04	9.87E-03
1343	493777.33, 3860302.55	0.0094	0.0143	0.0068	0.0158	0.0043	0.221	0.0141	0.0143	1.27E-02	2.81E-03	4.56E-08	1.01E-04	8.67E-05	1.35E-03	1.71E-02	6.20E-03	2.81E-03	4.56E-08	4.93E-05	4.22E-05	6.58E-04	9.75E-03
1344	493827.33, 3860302.55	0.0093	0.014	0.0067	0.0155	0.0042	0.219	0.0139	0.014	1.26E-02	2.76E-03	4.52E-08	9.99E-05	8.63E-05	1.34E-03	1.69E-02	6.14E-03	2.76E-03	4.52E-08	4.86E-05	4.20E-05	6.52E-04	9.64E-03
1345	493877.33, 3860302.55	0.0092	0.0138	0.0067	0.0153	0.0042	0.2141	0.0137	0.0138	1.25E-02	2.72E-03	4.49E-08	9.85E-05	8.59E-05	1.31E-03	1.67E-02	6.09E-03	2.72E-03	4.49E-08	4.80E-05	4.18E-05	6.38E-04	9.53E-03
1346	493927.33, 3860302.55	0.0091	0.0136	0.0066	0.0151	0.0042	0.2072	0.0135	0.0136	1.24E-02	2.68E-03	4.46E-08	9.73E-05	8.55E-05	1.27E-03	1.65E-02	6.03E-03	2.68E-03	4.46E-08	4.73E-05	4.16E-05	6.17E-04	9.42E-03
1347	493977.33, 3860302.55	0.0091	0.0133	0.0066	0.0149	0.0042	0.2087	0.0131	0.0133	1.23E-02	2.61E-03	4.41E-08	9.58E-05	8.57E-05	1.28E-03	1.64E-02	6.00E-03	2.61E-03	4.41E-08	4.67E-05	4.17E-05	6.22E-04	9.33E-03
1348	494027.33, 3860302.55	0.009	0.013	0.0065	0.0147	0.0042	0.2059	0.0129	0.013	1.23E-02	2.56E-03	4.36E-08	9.46E-05	8.57E-05	1.26E-03	1.63E-02	5.96E-03	2.56E-03	4.36E-08	4.60E-05	4.17E-05	6.13E-04	9.23E-03
1349	493677.33, 3860352.55	0.0092	0.0152	0.0066	0.0157	0.0042	0.1064	0.0151	0.0152	1.26E-02	3.00E-03	4.46E-08	1.01E-04	8.63E-05	6.51E-04	1.64E-02	6.11E-03	3.00E-03	4.46E-08	4.91E-05	4.20E-05	3.17E-04	9.52E-03
1350	493727.33, 3860352.55	0.0091	0.015	0.0066	0.0155	0.0042	0.105	0.0149	0.015	1.24E-02	2.96E-03	4.44E-08	9.96E-05	8.57E-05	6.43E-04	1.62E-02	6.05E-03	2.96E-03	4.44E-08	4.85E-05	4.17E-05	3.13E-04	9.41E-03
1351	493777.33, 3860352.55	0.009	0.0148	0.0066	0.0153	0.0042	0.1037	0.0147	0.0148	1.23E-02	2.91E-03	4.41E-08	9.82E-05	8.48E-05	6.34E-04	1.60E-02	5.99E-03	2.91E-03	4.41E-08	4.78E-05	4.13E-05	3.09E-04	9.30E-03
1352	493827.33, 3860352.55	0.009	0.0145	0.0065	0.0151	0.0041	0.1027	0.0144	0.0145	1.22E-02	2.86E-03	4.38E-08	9.69E-05	8.42E-05	6.28E-04	1.59E-02	5.94E-03	2.86E-03	4.38E-08	4.72E-05	4.10E-05	3.06E-04	9.19E-03
1353	493877.33, 3860352.55	0.0089	0.0143	0.0065	0.0149	0.0041	0.102	0.0141	0.0143	1.21E-02	2.81E-03	4.35E-08	9.57E-05	8.38E-05	6.24E-04	1.57E-02	5.89E-03	2.81E-03	4.35E-08	4.66E-05	4.08E-05	3.04E-04	9.09E-03
1354	493927.33, 3860352.55	0.0088	0.014	0.0064	0.0147	0.0041	0.1018	0.0138	0.014	1.20E-02	2.75E-03	4.31E-08	9.44E-05	8.36E-05	6.23E-04	1.56E-02	5.86E-03	2.75E-03	4.31E-08	4.59E-05	4.07E-05	3.03E-04	9.00E-03
1355	493977.33, 3860352.55	0.0088	0.0136	0.0063	0.0145	0.0041	0.1017	0.0135	0.0136	1.20E-02	2.68E-03	4.27E-08	9.31E-05	8.34E-05	6.22E-04	1.54E-02	5.83E-03	2.68E-03	4.27E-08	4.53E-05	4.06E-05	3.03E-04	8.90E-03
1356	494027.33, 3860352.55	0.0087	0.0134	0.0063	0.0143	0.0041	0.1004	0.0133	0.0134	1.19E-02	2.64E-03	4.24E-08	9.20E-05	8.32E-05	6.14E-04	1.53E-02	5.78E-03	2.64E-03	4.24E-08	4.48E-05	4.05E-05	2.99E-04	8.81E-03
1357	493677.33, 3860402.55	0.0089	0.0158	0.0064	0.0152	0.0042	0.0692	0.0157	0.0158	1.21E-02	3.11E-03	4.30E-08	9.76E-05	8.50E-05	4.24E-04	1.59E-02	5.90E-03	3.11E-03	4.30E-08	4.75E-05	4.14E-05	2.06E-04	9.31E-03
1358	493727.33, 3860402.55	0.0088	0.0156	0.0064	0.015	0.0041	0.0685	0.0155	0.0156	1.20E-02	3.07E-03	4.28E-08	9.64E-05	8.42E-05	4.19E-04	1.57E-02	5.84E-03	3.07E-03	4.28E-08	4.69E-05	4.10E-05	2.04E-04	9.20E-03
1359	493777.33, 3860402.55	0.0088	0.0152	0.0063	0.0148	0.0041	0.0685	0.0151	0.0152	1.19E-02	2.99E-03	4.24E-08	9.51E-05	8.38E-05	4.19E-04	1.55E-02	5.81E-03	2.99E-03	4.24E-08	4.63E-05	4.08E-05	2.04E-04	9.09E-03
1360	493827.33, 3860402.55	0.0087	0.015	0.0063	0.0146	0.0041	0.0675	0.0149	0.015	1.18E-02	2.95E-03	4.23E-08	9.40E-05	8.30E-05	4.13E-04	1.54E-02	5.75E-03	2.95E-03	4.23E-08	4.57E-05	4.04E-05	2.01E-04	8.99E-03

1361	493877.33, 3860402.55	0.0086	0.0148	0.0062	0.0144	0.004	0.0668	0.0146	0.0148	1.17E-02	2.91E-03	4.20E-08	9.28E-05	8.24E-05	4.09E-04	1.52E-02	5.70E-03	2.91E-03	4.20E-08	4.52E-05	4.01E-05	1.99E-04	8.89E-03
1362	493927.33, 3860402.55	0.0086	0.0144	0.0062	0.0143	0.004	0.0668	0.0143	0.0144	1.17E-02	2.83E-03	4.17E-08	9.17E-05	8.20E-05	4.09E-04	1.51E-02	5.67E-03	2.83E-03	4.17E-08	4.46E-05	3.99E-05	1.99E-04	8.79E-03
1363	493977.33, 3860402.55	0.0085	0.014	0.0061	0.0141	0.004	0.0669	0.0139	0.014	1.16E-02	2.76E-03	4.12E-08	9.04E-05	8.18E-05	4.09E-04	1.49E-02	5.65E-03	2.76E-03	4.12E-08	4.40E-05	3.98E-05	1.99E-04	8.69E-03
1364	494027.33, 3860402.55	0.0085	0.0139	0.0061	0.0139	0.004	0.066	0.0137	0.0139	1.15E-02	2.73E-03	4.10E-08	8.94E-05	8.14E-05	4.04E-04	1.48E-02	5.60E-03	2.73E-03	4.10E-08	4.35E-05	3.96E-05	1.96E-04	8.61E-03
1365	493677.33, 3860452.55	0.0086	0.0163	0.0061	0.0146	0.0041	0.052	0.0162	0.0163	1.17E-02	3.22E-03	4.11E-08	9.42E-05	8.44E-05	3.18E-04	1.54E-02	5.71E-03	3.22E-03	4.11E-08	4.58E-05	4.11E-05	1.55E-04	9.17E-03
1366	493727.33, 3860452.55	0.0085	0.0162	0.0061	0.0145	0.0041	0.0511	0.0161	0.0162	1.16E-02	3.18E-03	4.08E-08	9.31E-05	8.32E-05	3.13E-04	1.53E-02	5.65E-03	3.18E-03	4.08E-08	4.53E-05	4.05E-05	1.52E-04	9.07E-03
1367	493777.33, 3860452.55	0.0084	0.0159	0.006	0.0143	0.004	0.0506	0.0158	0.0159	1.15E-02	3.13E-03	4.07E-08	9.20E-05	8.24E-05	3.10E-04	1.51E-02	5.59E-03	3.13E-03	4.07E-08	4.48E-05	4.01E-05	1.51E-04	8.96E-03
1368	493827.33, 3860452.55	0.0084	0.0155	0.006	0.0141	0.004	0.0504	0.0154	0.0155	1.14E-02	3.06E-03	4.05E-08	9.10E-05	8.18E-05	3.09E-04	1.50E-02	5.56E-03	3.06E-03	4.05E-08	4.43E-05	3.98E-05	1.50E-04	8.85E-03
1369	493877.33, 3860452.55	0.0083	0.0152	0.006	0.014	0.004	0.0502	0.0151	0.0152	1.13E-02	3.00E-03	4.05E-08	8.99E-05	8.12E-05	3.07E-04	1.48E-02	5.52E-03	3.00E-03	4.05E-08	4.38E-05	3.95E-05	1.49E-04	8.75E-03
1370	493927.33, 3860452.55	0.0083	0.0148	0.006	0.0138	0.004	0.0502	0.0147	0.0148	1.13E-02	2.91E-03	4.01E-08	8.89E-05	8.08E-05	3.07E-04	1.47E-02	5.51E-03	2.91E-03	4.01E-08	4.33E-05	3.93E-05	1.50E-04	8.65E-03
1371	493977.33, 3860452.55	0.0082	0.0146	0.0059	0.0137	0.0039	0.0498	0.0144	0.0146	1.12E-02	2.87E-03	3.99E-08	8.79E-05	8.04E-05	3.04E-04	1.46E-02	5.46E-03	2.87E-03	3.99E-08	4.28E-05	3.91E-05	1.48E-04	8.56E-03
1372	494027.33, 3860452.55	0.0082	0.0143	0.0059	0.0135	0.0039	0.0492	0.0142	0.0143	1.11E-02	2.82E-03	3.97E-08	8.70E-05	7.97E-05	3.01E-04	1.44E-02	5.42E-03	2.82E-03	3.97E-08	4.23E-05	3.88E-05	1.47E-04	8.47E-03
1373	493677.33, 3860502.55	0.0083	0.0169	0.0058	0.0141	0.0041	0.0416	0.0168	0.0169	1.13E-02	3.33E-03	3.92E-08	9.07E-05	8.36E-05	2.55E-04	1.51E-02	5.52E-03	3.33E-03	3.92E-08	4.41E-05	4.07E-05	1.24E-04	9.06E-03
1374	493727.33, 3860502.55	0.0082	0.0167	0.0058	0.014	0.0041	0.0411	0.0166	0.0167	1.12E-02	3.29E-03	3.89E-08	8.97E-05	8.26E-05	2.51E-04	1.49E-02	5.46E-03	3.29E-03	3.89E-08	4.37E-05	4.02E-05	1.22E-04	8.96E-03
1375	493777.33, 3860502.55	0.0082	0.0164	0.0058	0.0138	0.004	0.0407	0.0163	0.0164	1.11E-02	3.23E-03	3.88E-08	8.88E-05	8.18E-05	2.49E-04	1.48E-02	5.41E-03	3.23E-03	3.88E-08	4.32E-05	3.98E-05	1.21E-04	8.85E-03
1376	493827.33, 3860502.55	0.0081	0.0161	0.0057	0.0137	0.004	0.0404	0.016	0.0161	1.10E-02	3.18E-03	3.87E-08	8.79E-05	8.10E-05	2.47E-04	1.46E-02	5.37E-03	3.18E-03	3.87E-08	4.28E-05	3.94E-05	1.20E-04	8.75E-03
1377	493877.33, 3860502.55	0.0081	0.0158	0.0057	0.0135	0.0039	0.0402	0.0157	0.0158	1.10E-02	3.10E-03	3.86E-08	8.70E-05	8.04E-05	2.46E-04	1.45E-02	5.34E-03	3.10E-03	3.86E-08	4.24E-05	3.91E-05	1.20E-04	8.65E-03
1378	493927.33, 3860502.55	0.008	0.0154	0.0057	0.0134	0.0039	0.0401	0.0153	0.0154	1.09E-02	3.03E-03	3.86E-08	8.62E-05	7.97E-05	2.45E-04	1.44E-02	5.32E-03	3.03E-03	3.86E-08	4.20E-05	3.88E-05	1.19E-04	8.55E-03
1379	493977.33, 3860502.55	0.008	0.0151	0.0057	0.0133	0.0039	0.0397	0.015	0.0151	1.08E-02	2.98E-03	3.84E-08	8.53E-05	7.89E-05	2.43E-04	1.42E-02	5.27E-03	2.98E-03	3.84E-08	4.15E-05	3.84E-05	1.18E-04	8.46E-03
1380	494027.33, 3860502.55	0.0079	0.0149	0.0057	0.0131	0.0038	0.0393	0.0148	0.0149	1.08E-02	2.93E-03	3.82E-08	8.44E-05	7.83E-05	2.41E-04	1.41E-02	5.24E-03	2.93E-03	3.82E-08	4.11E-05	3.81E-05	1.17E-04	8.37E-03
1381	493627.33, 3860552.55	0.0081	0.0179	0.0056	0.0137	0.0041	0.035	0.0178	0.0179	1.10E-02	3.53E-03	3.74E-08	8.81E-05	8.36E-05	2.14E-04	1.50E-02	5.37E-03	3.53E-03	3.74E-08	4.29E-05	4.07E-05	1.04E-04	9.09E-03
1382	493677.33, 3860552.55	0.008	0.0177	0.0055	0.0136	0.0041	0.0346	0.0176	0.0177	1.09E-02	3.48E-03	3.72E-08	8.72E-05	8.26E-05	2.12E-04	1.48E-02	5.31E-03	3.48E-03	3.72E-08	4.25E-05	4.02E-05	1.03E-04	8.98E-03
1383	493727.33, 3860552.55	0.008	0.0174	0.0055	0.0134	0.004	0.0342	0.0173	0.0174	1.08E-02	3.42E-03	3.70E-08	8.64E-05	8.18E-05	2.09E-04	1.46E-02	5.27E-03	3.42E-03	3.70E-08	4.20E-05	3.98E-05	1.02E-04	8.88E-03
1384	493777.33, 3860552.55	0.0079	0.017	0.0055	0.0133	0.004	0.034	0.017	0.017	1.07E-02	3.36E-03	3.69E-08	8.56E-05	8.10E-05	2.08E-04	1.45E-02	5.23E-03	3.36E-03	3.69E-08	4.17E-05	3.94E-05	1.01E-04	8.77E-03
1385	493827.33, 3860552.55	0.0079	0.0167	0.0055	0.0132	0.0039	0.0338	0.0166	0.0167	1.07E-02	3.28E-03	3.69E-08	8.48E-05	8.04E-05	2.07E-04	1.43E-02	5.20E-03	3.28E-03	3.69E-08	4.13E-05	3.91E-05	1.01E-04	8.66E-03
1386	493877.33, 3860552.55	0.0078	0.0164	0.0055	0.0131	0.0039	0.0335	0.0163	0.0164	1.06E-02	3.23E-03	3.68E-08	8.41E-05	7.93E-05	2.05E-04	1.42E-02	5.16E-03	3.23E-03	3.68E-08	4.09E-05	3.86E-05	9.97E-05	8.56E-03
1387	493927.33, 3860552.55	0.0077	0.016	0.0055	0.013	0.0039	0.0333	0.016	0.016	1.05E-02	3.16E-03	3.67E-08	8.33E-05	7.87E-05	2.04E-04	1.41E-02	5.13E-03	3.16E-03	3.67E-08	4.05E-05	3.83E-05	9.91E-05	8.47E-03
1388	493977.33, 3860552.55	0.0077	0.0157	0.0055	0.0128	0.0038	0.0331	0.0156	0.0157	1.05E-02	3.09E-03	3.67E-08	8.26E-05	7.81E-05	2.03E-04	1.39E-02	5.11E-03	3.09E-03	3.67E-08	4.02E-05	3.80E-05	9.86E-05	8.38E-03
1389	494027.33, 3860552.55	0.0077	0.0155	0.0054	0.0127	0.0038	0.0328	0.0154	0.0155	1.04E-02	3.05E-03	3.66E-08	8.18E-05	7.75E-05	2.01E-04	1.38E-02	5.07E-03	3.05E-03	3.66E-08	3.98E-05	3.77E-05	9.77E-05	8.29E-03
1390	493627.33, 3860602.55	0.0078	0.0186	0.0053	0.0132	0.0041	0.0298	0.0186	0.0186	1.06E-02	3.67E-03	3.56E-08	8.46E-05	8.28E-05	1.82E-04	1.47E-02	5.18E-03	3.67E-03	3.56E-08	4.12E-05	4.03E-05	8.86E-05	9.02E-03
1391	493727.33, 3860602.55	0.0077	0.0181	0.0052	0.0129	0.004	0.0291	0.0181	0.0181	1.04E-02	3.57E-03	3.52E-08	8.30E-05	8.08E-05	1.78E-04	1.43E-02	5.08E-03	3.57E-03	3.52E-08	4.04E-05	3.93E-05	8.67E-05	8.82E-03
1392	493777.33, 3860602.55	0.0076	0.0177	0.0052	0.0128	0.0039	0.029	0.0176	0.0177	1.04E-02	3.48E-03	3.52E-08	8.24E-05	8.02E-05	1.78E-04	1.42E-02	5.05E-03	3.48E-03	3.52E-08	4.01E-05	3.90E-05	8.65E-05	8.70E-03
1393	493827.33, 3860602.55	0.0076	0.0174	0.0052	0.0127	0.0039	0.0288	0.0173	0.0174	1.03E-02	3.42E-03	3.51E-08	8.18E-05	7.95E-05	1.76E-04	1.41E-02	5.02E-03	3.42E-03	3.51E-08	3.98E-05	3.87E-05	8.59E-05	8.60E-03
1394	493877.33, 3860602.55	0.0075	0.017	0.0052	0.0126	0.0039	0.0287	0.0169	0.017	1.03E-02	3.34E-03	3.52E-08	8.12E-05	7.89E-05	1.76E-04	1.39E-02	5.00E-03	3.34E-03	3.52E-08	3.95E-05	3.84E-05	8.55E-05	8.50E-03
1395	493927.33, 3860602.55	0.0075	0.0166	0.0052	0.0125	0.0038	0.0285	0.0166	0.0166	1.02E-02	3.28E-03	3.51E-08	8.05E-05	7.81E-05	1.75E-04	1.38E-02	4.96E-03	3.28E-03	3.51E-08	3.92E-05	3.80E-05	8.50E-05	8.40E-03
1396	493977.33, 3860602.55	0.0075	0.0163	0.0052	0.0124	0.0038	0.0284	0.0162	0.0163	1.01E-02	3.21E-03	3.50E-08	7.99E-05	7.75E-05	1.74E-04	1.37E-02	4.94E-03	3.21E-03	3.50E-08	3.89E-05	3.77E-05	8.46E-05	8.31E-03
1397	494027.33, 3860602.55	0.0074	0.0161	0.0052	0.0123	0.0038	0.0282	0.016	0.0161	1.01E-02	3.17E-03	3.49E-08	7.92E-05	7.67E-05	1.72E-04	1.36E-02	4.90E-03	3.17E-03	3.49E-08	3.85E-05	3.73E-05	8.38E-05	8.23E-03
1398	493627.33, 3860652.55	0.0075	0.0195	0.005	0.0126	0.004	0.0257	0.0194	0.0195	1.03E-02	3.83E-03	3.39E-08	8.12E-05	8.16E-05	1.57E-04	1.44E-02	4.99E-03	3.83E-03	3.39E-08	3.95E-05	3.97E-05	7.64E-05	8.98E-03
1399	493727.33, 3860652.55	0.0074	0.0189	0.005	0.0124	0.0039	0.0252	0.0188	0.0189	1.01E-02	3.72E-03	3.35E-08	7.98E-05	7.99E-05	1.54E-04	1.41E-02	4.90E-03	3.72E-03	3.35E-08	3.88E-05	3.89E-05	7.51E-05	8.77E-03
1400	493777.33, 3860652.55	0.0074	0.0185	0.005	0.0123	0.0039	0.0252	0.0184	0.0185	1.00E-02	3.64E-03	3.35E-08	7.92E-05	7.93E-05	1.54E-04	1.40E-02	4.87E-03	3.64E-03	3.35E-08	3.86E-05	3.86E-05	7.49E-05	8.66E-03
1401	493827.33, 3860652.55	0.0073	0.0181	0.005	0.0122	0.0039	0.0251	0.018	0.0181	9.95E-03	3.56E-03	3.35E-08	7.87E-05	7.87E-05	1.53E-04	1.38E-02	4.84E-03	3.56E-03	3.35E-08	3.83E-05	3.83E-05	7.47E-05	8.55E-03
1402	493877.33, 3860652.55	0.0073	0.0176	0.005	0.0122	0.0038	0.025	0.0176	0.0176	9.91E-03	3.47E-03	3.35E-08	7.83E-05	7.83E-05	1.53E-04	1.37E-02	4.82E-03	3.47E-03	3.35E-08	3.81E-05	3.81E-05	7.45E-05	8.45E-03
1403	493927.33, 3860652.55	0.0072	0.0173	0.005	0.0121	0.0038	0.0249	0.0172	0.0173	9.86E-03	3.41E-03	3.35E-08	7.77E-05	7.75E-05	1.52E-04	1.36E-02	4.80E-03	3.41E-03	3.35E-08	3.78E-05	3.77E-05	7.42E-05	8.36E-03
1404	493977.33, 3860652.55	0.0072	0.017	0.005	0.012	0.0038	0.0248	0.0169	0.017	9.80E-03	3.35E-03	3.34E-08	7.71E-05	7.67E-05	1.52E-04	1.35E-02	4.77E-03	3.35E-03	3.34E-08	3.75E-05	3.73E-05	7.38E-05	8.27E-03
1405	494027.33, 3860652.55	0.0072	0.0166	0.005	0.0119	0.0037	0.0247	0.0166	0.0166	9.76E-03	3.28E-03	3.34E-08	7.66E-05	7.61E-05	1.51E-04	1.33E-02	4.75E-03	3.28E-03	3.34E-08	3.73E-05	3.70E-05	7.36E-05	8.18E-03
1406	494311.06, 3858401.99	0.0117	0.0046	0.0066	0.0124	0.0106	0.012	0.0046	0.0046	1.59E-02	9.14E-04	4.45E-08	7.95E-05	2.16E-04	7.33E-05	1.72E-02	7.76E-03	9.14E-04	4.45E-08	3.87E-05	1.05E-04	3.57E-05	8.85E-03
1407	494361.06, 3858401.99	0.0115	0.0046	0.0065	0.0122	0.0104	0.012	0.0046	0.0046	1.57E-02	9.06E-04	4.40E-08	7.83E-05	2.12E-04	7.32E-05	1.70E-02	7.63E-03	9.06E-04	4.40E-08	3.81E-05	1.03E-04	3.56E-05	8.72E-03
1408	494411.06, 3858401.99	0.0114	0.0046	0.0065	0.012	0.0103	0.012	0.0045	0.0046	1.55E-02	8.98E-04	4.36E-08	7.74E-05	2.10E-04	7.33E-05	1.68E-02	7.54E-03	8.98E-04	4.36E-08	3.77E-05	1.02E-04	3.57E-05	8.62E-03
1409	494461.06, 3858401.99	0.0113	0.0045	0.0064	0.0119	0.0102	0.012	0.0045	0.0045	1.54E-02	8.94E-04	4.32E-08	7.67E-05	2.09E-04	7.37E-05	1.67E-02	7.49E-03	8.94E-04	4.32E-08	3.74E-05	1.02E-04	3.59E-05	8.56E-03
1410	494511.06, 3858401.99	0.0112	0.0045	0.0064	0.0118	0.0101	0.0121	0.0045	0.0045	1.52E-02	8.88E-04	4.28E-08	7.58E-05	2.06E-04	7.39E-05	1.64E-02	7.40E-03	8.88E-04	4.28E-08	3.69E-05	1.00E-04	3.59E-05	8.46E-03
1411	494561.06, 3858401.99	0.0111	0.0045	0.0063	0.0117	0.01	0.0122	0.0044	0.0045	1.51E-02	8.85E-04	4.24E-08	7.51E-05	2.05E-04	7.43E-05	1.63E-02	7.34E-03	8.85E-04	4.24E-08	3.66E-05	9.97E-05	3.62E-05	8.40E-03
1412	494611.06, 3858401.99	0.0109	0.0045	0.0062	0.0115	0.0099	0.0122	0.0044	0.0045	1.48E-02	8.77E-04	4.20E-08	7.42E-05	2.02E-04	7.46E-05	1.61E-02	7.22E-03	8.77E-04	4.20E-08	3.61E-05	9.85E-05	3.63E-05	8.27E-03
1413	494661.06, 3858401.99	0.0108	0.0044	0.0062	0.0114	0.0097	0.0122	0.0044	0.0044	1.47E-02	8.71E-04	4.15E-08	7.33E-05	1.98E-04	7.49E-05	1.59E-02	7.14E-03	8.71E-04	4.15E-08	3.57E-05	9.62E-05	3.65E-05	8.18E-03
1414	494711.06, 3858401.99	0.0106	0.0044	0.0061	0.0112	0.0095	0.0122	0.0043	0.0044	1.44E-02	8.63E-04	4.10E-08	7.23E-05	1.95E-04	7.49E-05	1.56E-02	7.03E-03	8.63E-04	4.10E-08	3.52E-05	9.47E-05	3.65E-05	8.06E-03
1415	494761.06, 3858401.99	0.0105	0.0044	0.006	0.0111	0.0095	0.0123	0.0043	0.0044	1.43E-02	8.59E-04	4.07E-08	7.16E-05	1.93E-04	7.51E-05	1.55E-02	6.96E-03	8.59E-04	4.07E-08	3.48E-05	9.39E-05	3.66E-05	7.99E-03
1416	494811.06, 3858401.99	0.0104	0.0043	0.006	0.011	0.0094	0.0123	0.0043	0.0043	1.41E-02	8.53E-04	4.02E-08	7.07E-05	1.91E-04	7.54E-05	1.53E-02	6.87E-03	8.53E-04	4.02E-08	3.44E-05	9.28E-05	3.67E-05	7.89E-03
1417	494861.06, 3858401.99	0.0103	0.0043	0.0059	0.0109	0.0093	0.0124	0.0043	0.0043	1.40E-02	8.47E-04	3.99E-08	6.99E-05	1.89E-04	7.59E-05	1.51E-02	6.79E-03	8.47E-04	3.99E-08	3.40E-05	9.18E-05	3.69E-05	7.80E-03
1418	494911.06, 3858401.99	0.0101	0.0043	0.0059	0.0107	0.0092	0.0125	0.0042	0.0043	1.38E-02	8.41E-04	3.95E-08	6.91E-05	1.87E-04	7.62E-05	1.50E-02	6.71E-03	8.41E-04	3.95E-08	3.36E-05	9.08E-05	3.71E-05	7.72E-03
1419	494961.06, 3858401.99	0.01	0.0042	0.0058	0.0106	0.009	0.0125	0.0042	0.0042	1.36E-02	8.35E-04	3.91E-08	6.82E-05	1.84E-04	7.66E-05	1.48E-02	6.63E-03	8.35E-04	3.91E-08	3.32E-05	8.97E-05	3.73E-05	7.63E-03
1420	495011.06, 3858401.99	0.0099	0.0042	0.0057	0.0105	0.0089	0.0126	0.0042	0.0042	1.34E-02	8.29E-04	3.86E-08	6.73E-05	1.82E-04	7.68E-05	1.46E-02	6.53E-03	8.29E-04	3.86E-08	3.28E-05	8.86E-05	3.74E-05	7.52E-03
1421	495061.06, 3858401.99	0.0097	0.0042	0.0057	0.0103	0.0088	0.0126	0.0041	0.0042	1.33E-02	8.23E-04	3.82E-08	6.65E-05	1.80E-04	7.73E-05	1.44E-02	6.45E-03	8.23E-04	3.82E-08	3.24E-05	8.76E-05	3.76E-05	7.44E-03
1422	495111.06, 3858401.99	0.0095	0.0041	0.0056	0.0102	0.0087	0.0127	0.0041	0.0041	1.30E-02	8.14E-04	3.76E-08	6.54E-05	1.76E-04	7.76E-05	1.41E-02	6.32E-03	8.14E-04	3.76E-08	3.18E-05	8.59E-05	3.78E-05	7.28E-03

1423	495161.06, 3858401.99	0.0095	0.0041	0.0056	0.0101	0.0086	0.0129	0.0041	0.0041	1.29E-02	8.10E-04	3.74E-08	6.48E-05	1.75E-04	7.87E-05	1.40E-02	6.28E-03	8.10E-04	3.74E-08	3.16E-05	8.54E-05	3.83E-05	7.24E-03
1424	495211.06, 3858401.99	0.0093	0.0041	0.0055	0.0099	0.0084	0.0129	0.004	0.0041	1.26E-02	8.02E-04	3.68E-08	6.38E-05	1.72E-04	7.92E-05	1.38E-02	6.16E-03	8.02E-04	3.68E-08	3.11E-05	8.37E-05	3.85E-05	7.11E-03
1425	495261.06, 3858401.99	0.0092	0.004	0.0054	0.0098	0.0083	0.0131	0.004	0.004	1.25E-02	7.96E-04	3.64E-08	6.31E-05	1.70E-04	8.01E-05	1.36E-02	6.08E-03	7.96E-04	3.64E-08	3.07E-05	8.28E-05	3.90E-05	7.03E-03
1426	495311.06, 3858401.99	0.0091	0.004	0.0054	0.0097	0.0083	0.0133	0.004	0.004	1.23E-02	7.92E-04	3.61E-08	6.24E-05	1.68E-04	8.12E-05	1.35E-02	6.01E-03	7.92E-04	3.61E-08	3.04E-05	8.19E-05	3.95E-05	6.95E-03
1427	495361.06, 3858401.99	0.009	0.004	0.0053	0.0096	0.0082	0.0135	0.004	0.004	1.22E-02	7.88E-04	3.58E-08	6.18E-05	1.67E-04	8.26E-05	1.33E-02	5.96E-03	7.88E-04	3.58E-08	3.01E-05	8.13E-05	4.02E-05	6.90E-03
1428	495411.06, 3858401.99	0.0089	0.004	0.0053	0.0095	0.0081	0.0138	0.0039	0.004	1.22E-02	7.84E-04	3.56E-08	6.14E-05	1.66E-04	8.44E-05	1.33E-02	5.92E-03	7.84E-04	3.56E-08	2.99E-05	8.08E-05	4.11E-05	6.86E-03
1429	495461.06, 3858401.99	0.0089	0.004	0.0053	0.0095	0.0081	0.0142	0.0039	0.004	1.21E-02	7.82E-04	3.54E-08	6.10E-05	1.65E-04	8.66E-05	1.32E-02	5.90E-03	7.82E-04	3.54E-08	2.97E-05	8.05E-05	4.21E-05	6.83E-03
1430	495511.06, 3858401.99	0.0089	0.004	0.0052	0.0094	0.0081	0.0146	0.0039	0.004	1.20E-02	7.80E-04	3.52E-08	6.06E-05	1.64E-04	8.91E-05	1.31E-02	5.86E-03	7.80E-04	3.52E-08	2.95E-05	8.00E-05	4.34E-05	6.80E-03
1431	495561.06, 3858401.99	0.0088	0.0039	0.0052	0.0093	0.008	0.015	0.0039	0.0039	1.19E-02	7.74E-04	3.47E-08	6.00E-05	1.63E-04	9.17E-05	1.30E-02	5.81E-03	7.74E-04	3.47E-08	2.92E-05	7.91E-05	4.46E-05	6.74E-03
1432	495611.06, 3858401.99	0.0087	0.0039	0.0051	0.0093	0.0079	0.0155	0.0039	0.0039	1.19E-02	7.72E-04	3.45E-08	5.96E-05	1.62E-04	9.50E-05	1.30E-02	5.79E-03	7.72E-04	3.45E-08	2.90E-05	7.87E-05	4.63E-05	6.71E-03
1433	495661.06, 3858401.99	0.0087	0.0039	0.0051	0.0092	0.008	0.0162	0.0039	0.0039	1.19E-02	7.74E-04	3.45E-08	5.94E-05	1.62E-04	9.93E-05	1.30E-02	5.79E-03	7.74E-04	3.45E-08	2.89E-05	7.90E-05	4.83E-05	6.72E-03
1434	494311.06, 3858451.99	0.012	0.0048	0.0067	0.0125	0.0106	0.0124	0.0047	0.0048	1.63E-02	9.36E-04	4.54E-08	8.03E-05	2.16E-04	7.59E-05	1.76E-02	7.93E-03	9.36E-04	4.54E-08	3.91E-05	1.05E-04	3.69E-05	9.05E-03
1435	494361.06, 3858451.99	0.0118	0.0047	0.0067	0.0123	0.0105	0.0124	0.0047	0.0047	1.61E-02	9.28E-04	4.48E-08	7.92E-05	2.13E-04	7.59E-05	1.74E-02	7.83E-03	9.28E-04	4.48E-08	3.86E-05	1.04E-04	3.70E-05	8.93E-03
1436	494411.06, 3858451.99	0.0117	0.0047	0.0066	0.0122	0.0103	0.0124	0.0046	0.0047	1.59E-02	9.22E-04	4.43E-08	7.83E-05	2.11E-04	7.61E-05	1.72E-02	7.73E-03	9.22E-04	4.43E-08	3.81E-05	1.03E-04	3.70E-05	8.83E-03
1437	494461.06, 3858451.99	0.0116	0.0046	0.0065	0.012	0.0102	0.0125	0.0046	0.0046	1.57E-02	9.14E-04	4.39E-08	7.74E-05	2.09E-04	7.64E-05	1.70E-02	7.65E-03	9.14E-04	4.39E-08	3.77E-05	1.02E-04	3.72E-05	8.74E-03
1438	494511.06, 3858451.99	0.0115	0.0046	0.0065	0.0119	0.0102	0.0126	0.0046	0.0046	1.56E-02	9.10E-04	4.36E-08	7.67E-05	2.07E-04	7.68E-05	1.69E-02	7.59E-03	9.10E-04	4.36E-08	3.74E-05	1.01E-04	3.74E-05	8.68E-03
1439	494561.06, 3858451.99	0.0113	0.0046	0.0064	0.0118	0.0101	0.0126	0.0045	0.0046	1.54E-02	9.02E-04	4.31E-08	7.58E-05	2.05E-04	7.71E-05	1.67E-02	7.49E-03	9.02E-04	4.31E-08	3.69E-05	9.98E-05	3.75E-05	8.57E-03
1440	494611.06, 3858451.99	0.0112	0.0046	0.0063	0.0117	0.01	0.0127	0.0045	0.0046	1.52E-02	8.96E-04	4.27E-08	7.49E-05	2.03E-04	7.75E-05	1.65E-02	7.42E-03	8.96E-04	4.27E-08	3.65E-05	9.88E-05	3.77E-05	8.48E-03
1441	494661.06, 3858451.99	0.0111	0.0045	0.0063	0.0115	0.0099	0.0127	0.0045	0.0045	1.51E-02	8.90E-04	4.22E-08	7.41E-05	2.01E-04	7.79E-05	1.63E-02	7.33E-03	8.90E-04	4.22E-08	3.61E-05	9.78E-05	3.79E-05	8.39E-03
1442	494711.06, 3858451.99	0.0109	0.0045	0.0062	0.0114	0.0097	0.0128	0.0045	0.0045	1.49E-02	8.83E-04	4.17E-08	7.31E-05	1.98E-04	7.80E-05	1.61E-02	7.23E-03	8.83E-04	4.17E-08	3.56E-05	9.65E-05	3.80E-05	8.28E-03
1443	494761.06, 3858451.99	0.0108	0.0045	0.0061	0.0112	0.0096	0.0128	0.0044	0.0045	1.46E-02	8.77E-04	4.13E-08	7.22E-05	1.96E-04	7.81E-05	1.59E-02	7.13E-03	8.77E-04	4.13E-08	3.51E-05	9.53E-05	3.80E-05	8.18E-03
1444	494811.06, 3858451.99	0.0106	0.0044	0.0061	0.0111	0.0095	0.0128	0.0044	0.0044	1.44E-02	8.71E-04	4.09E-08	7.13E-05	1.94E-04	7.85E-05	1.56E-02	7.02E-03	8.71E-04	4.09E-08	3.47E-05	9.42E-05	3.82E-05	8.06E-03
1445	494861.06, 3858451.99	0.0105	0.0044	0.006	0.011	0.0092	0.0129	0.0043	0.0044	1.42E-02	8.63E-04	4.03E-08	7.04E-05	1.88E-04	7.89E-05	1.54E-02	6.93E-03	8.63E-04	4.03E-08	3.43E-05	9.17E-05	3.84E-05	7.95E-03
1446	494911.06, 3858451.99	0.0103	0.0043	0.0059	0.0108	0.0091	0.0129	0.0043	0.0043	1.40E-02	8.55E-04	3.99E-08	6.93E-05	1.86E-04	7.91E-05	1.52E-02	6.83E-03	8.55E-04	3.99E-08	3.38E-05	9.03E-05	3.85E-05	7.85E-03
1447	494961.06, 3858451.99	0.0101	0.0043	0.0059	0.0107	0.009	0.013	0.0043	0.0043	1.38E-02	8.49E-04	3.95E-08	6.85E-05	1.83E-04	7.94E-05	1.50E-02	6.72E-03	8.49E-04	3.95E-08	3.33E-05	8.92E-05	3.87E-05	7.73E-03
1448	495011.06, 3858451.99	0.01	0.0043	0.0058	0.0105	0.0089	0.013	0.0042	0.0043	1.36E-02	8.41E-04	3.90E-08	6.75E-05	1.81E-04	7.97E-05	1.48E-02	6.61E-03	8.41E-04	3.90E-08	3.29E-05	8.80E-05	3.88E-05	7.61E-03
1449	495061.06, 3858451.99	0.0099	0.0043	0.0057	0.0104	0.0088	0.0131	0.0042	0.0043	1.35E-02	8.37E-04	3.87E-08	6.69E-05	1.79E-04	8.04E-05	1.46E-02	6.56E-03	8.37E-04	3.87E-08	3.26E-05	8.73E-05	3.91E-05	7.56E-03
1450	495111.06, 3858451.99	0.0097	0.0042	0.0057	0.0103	0.0087	0.0133	0.0042	0.0042	1.33E-02	8.29E-04	3.82E-08	6.60E-05	1.77E-04	8.11E-05	1.44E-02	6.45E-03	8.29E-04	3.82E-08	3.21E-05	8.61E-05	3.95E-05	7.44E-03
1451	495161.06, 3858451.99	0.0096	0.0042	0.0056	0.0101	0.0085	0.0133	0.0041	0.0042	1.30E-02	8.21E-04	3.77E-08	6.50E-05	1.74E-04	8.16E-05	1.42E-02	6.34E-03	8.21E-04	3.77E-08	3.16E-05	8.47E-05	3.97E-05	7.32E-03
1452	495211.06, 3858451.99	0.0094	0.0041	0.0055	0.01	0.0084	0.0135	0.0041	0.0041	1.28E-02	8.16E-04	3.73E-08	6.41E-05	1.72E-04	8.24E-05	1.39E-02	6.24E-03	8.16E-04	3.73E-08	3.12E-05	8.35E-05	4.01E-05	7.21E-03
1453	495261.06, 3858451.99	0.0093	0.0041	0.0055	0.0099	0.0083	0.0136	0.0041	0.0041	1.27E-02	8.10E-04	3.70E-08	6.34E-05	1.70E-04	8.35E-05	1.38E-02	6.17E-03	8.10E-04	3.70E-08	3.08E-05	8.26E-05	4.06E-05	7.13E-03
1454	495311.06, 3858451.99	0.0092	0.0041	0.0054	0.0098	0.0083	0.0139	0.004	0.0041	1.26E-02	8.04E-04	3.66E-08	6.27E-05	1.68E-04	8.48E-05	1.37E-02	6.11E-03	8.04E-04	3.66E-08	3.05E-05	8.19E-05	4.13E-05	7.07E-03
1455	495361.06, 3858451.99	0.0091	0.0041	0.0054	0.0097	0.0082	0.0141	0.004	0.0041	1.24E-02	8.00E-04	3.63E-08	6.21E-05	1.67E-04	8.65E-05	1.36E-02	6.06E-03	8.00E-04	3.63E-08	3.02E-05	8.12E-05	4.21E-05	7.01E-03
1456	495411.06, 3858451.99	0.0091	0.0041	0.0054	0.0096	0.0081	0.0145	0.004	0.0041	1.24E-02	7.98E-04	3.60E-08	6.18E-05	1.66E-04	8.86E-05	1.35E-02	6.02E-03	7.98E-04	3.60E-08	3.01E-05	8.08E-05	4.31E-05	6.98E-03
1457	495461.06, 3858451.99	0.0091	0.004	0.0053	0.0095	0.0081	0.0149	0.004	0.004	1.23E-02	7.96E-04	3.58E-08	6.14E-05	1.65E-04	9.12E-05	1.34E-02	6.00E-03	7.96E-04	3.58E-08	2.99E-05	8.05E-05	4.44E-05	6.95E-03
1458	495511.06, 3858451.99	0.009	0.004	0.0053	0.0095	0.008	0.0153	0.004	0.004	1.22E-02	7.92E-04	3.56E-08	6.08E-05	1.64E-04	9.39E-05	1.33E-02	5.94E-03	7.92E-04	3.56E-08	2.96E-05	7.96E-05	4.57E-05	6.89E-03
1459	495561.06, 3858451.99	0.009	0.004	0.0053	0.0094	0.008	0.016	0.004	0.004	1.22E-02	7.90E-04	3.54E-08	6.05E-05	1.64E-04	9.76E-05	1.33E-02	5.94E-03	7.90E-04	3.54E-08	2.95E-05	7.97E-05	4.75E-05	6.88E-03
1460	495611.06, 3858451.99	0.0089	0.004	0.0052	0.0093	0.0079	0.0165	0.004	0.004	1.21E-02	7.86E-04	3.51E-08	5.99E-05	1.62E-04	1.01E-04	1.32E-02	5.87E-03	7.86E-04	3.51E-08	2.91E-05	7.87E-05	4.92E-05	6.81E-03
1461	495661.06, 3858451.99	0.0088	0.004	0.0052	0.0093	0.0079	0.0173	0.0039	0.004	1.20E-02	7.84E-04	3.49E-08	5.96E-05	1.61E-04	1.06E-04	1.31E-02	5.85E-03	7.84E-04	3.49E-08	2.90E-05	7.84E-05	5.14E-05	6.79E-03
1462	494311.06, 3858501.99	0.0121	0.0048	0.0068	0.0125	0.0105	0.0128	0.0048	0.0048	1.64E-02	9.53E-04	4.60E-08	8.05E-05	2.13E-04	7.80E-05	1.78E-02	8.00E-03	9.53E-04	4.60E-08	3.92E-05	1.04E-04	3.80E-05	9.13E-03
1463	494361.06, 3858501.99	0.012	0.0048	0.0068	0.0124	0.0104	0.0128	0.0048	0.0048	1.63E-02	9.48E-04	4.55E-08	7.96E-05	2.11E-04	7.83E-05	1.76E-02	7.92E-03	9.48E-04	4.55E-08	3.87E-05	1.03E-04	3.81E-05	9.05E-03
1464	494411.06, 3858501.99	0.0118	0.0048	0.0067	0.0122	0.0103	0.0129	0.0047	0.0048	1.61E-02	9.40E-04	4.50E-08	7.87E-05	2.09E-04	7.86E-05	1.74E-02	7.83E-03	9.40E-04	4.50E-08	3.83E-05	1.02E-04	3.83E-05	8.95E-03
1465	494461.06, 3858501.99	0.0117	0.0047	0.0066	0.0121	0.0102	0.0129	0.0047	0.0047	1.60E-02	9.34E-04	4.46E-08	7.80E-05	2.08E-04	7.91E-05	1.73E-02	7.77E-03	9.34E-04	4.46E-08	3.79E-05	1.01E-04	3.85E-05	8.88E-03
1466	494511.06, 3858501.99	0.0116	0.0047	0.0066	0.012	0.0101	0.013	0.0047	0.0047	1.57E-02	9.26E-04	4.41E-08	7.69E-05	2.05E-04	7.93E-05	1.70E-02	7.66E-03	9.26E-04	4.41E-08	3.74E-05	1.00E-04	3.86E-05	8.76E-03
1467	494561.06, 3858501.99	0.0115	0.0047	0.0065	0.0119	0.0101	0.0131	0.0047	0.0047	1.57E-02	9.24E-04	4.38E-08	7.66E-05	2.05E-04	8.02E-05	1.70E-02	7.65E-03	9.24E-04	4.38E-08	3.73E-05	1.00E-04	3.90E-05	8.75E-03
1468	494611.06, 3858501.99	0.0114	0.0047	0.0064	0.0118	0.01	0.0132	0.0046	0.0047	1.55E-02	9.16E-04	4.33E-08	7.57E-05	2.03E-04	8.06E-05	1.68E-02	7.55E-03	9.16E-04	4.33E-08	3.69E-05	9.88E-05	3.93E-05	8.65E-03
1469	494661.06, 3858501.99	0.0113	0.0046	0.0064	0.0117	0.0099	0.0133	0.0046	0.0046	1.54E-02	9.10E-04	4.30E-08	7.50E-05	2.01E-04	8.13E-05	1.67E-02	7.49E-03	9.10E-04	4.30E-08	3.65E-05	9.80E-05	3.96E-05	8.57E-03
1470	494711.06, 3858501.99	0.0111	0.0046	0.0063	0.0115	0.0098	0.0133	0.0045	0.0046	1.52E-02	9.02E-04	4.24E-08	7.40E-05	1.99E-04	8.15E-05	1.64E-02	7.38E-03	9.02E-04	4.24E-08	3.60E-05	9.68E-05	3.97E-05	8.46E-03
1471	494761.06, 3858501.99	0.011	0.0045	0.0062	0.0113	0.0096	0.0133	0.0045	0.0045	1.49E-02	8.94E-04	4.19E-08	7.28E-05	1.96E-04	8.15E-05	1.62E-02	7.27E-03	8.94E-04	4.19E-08	3.54E-05	9.53E-05	3.97E-05	8.33E-03
1472	494811.06, 3858501.99	0.0108	0.0045	0.0062	0.0112	0.0095	0.0134	0.0045	0.0045	1.47E-02	8.87E-04	4.14E-08	7.19E-05	1.93E-04	8.17E-05	1.59E-02	7.16E-03	8.87E-04	4.14E-08	3.50E-05	9.40E-05	3.98E-05	8.21E-03
1473	494861.06, 3858501.99	0.0107	0.0045	0.0061	0.0111	0.0094	0.0134	0.0044	0.0045	1.46E-02	8.81E-04	4.10E-08	7.11E-05	1.91E-04	8.22E-05	1.58E-02	7.08E-03	8.81E-04	4.10E-08	3.46E-05	9.31E-05	4.00E-05	8.13E-03
1474	494911.06, 3858501.99	0.0104	0.0044	0.006	0.0109	0.0092	0.0134	0.0044	0.0044	1.42E-02	8.71E-04	4.05E-08	6.99E-05	1.88E-04	8.22E-05	1.54E-02	6.92E-03	8.71E-04	4.05E-08	3.40E-05	9.14E-05	4.00E-05	7.95E-03
1475	494961.06, 3858501.99	0.0103	0.0044	0.0059	0.0107	0.009	0.0135	0.0044	0.0044	1.41E-02	8.65E-04	4.00E-08	6.91E-05	1.83E-04	8.27E-05	1.53E-02	6.84E-03	8.65E-04	4.00E-08	3.36E-05	8.91E-05	4.03E-05	7.87E-03
1476	495011.06, 3858501.99	0.0101	0.0044	0.0059	0.0106	0.0088	0.0136	0.0043	0.0044	1.38E-02	8.57E-04	3.95E-08	6.80E-05	1.80E-04	8.30E-05	1.50E-02	6.72E-03	8.57E-04	3.95E-08	3.31E-05	8.77E-05	4.04E-05	7.74E-03
1477	495061.06, 3858501.99	0.0101	0.0043	0.0058	0.0105	0.0088	0.0137	0.0043	0.0043	1.37E-02	8.51E-04	3.92E-08	6.74E-05	1.79E-04	8.38E-05	1.49E-02	6.66E-03	8.51E-04	3.92E-08	3.28E-05	8.70E-05	4.08E-05	7.67E-03
1478	495111.06, 3858501.99	0.0098	0.0043	0.0057	0.0103	0.0086	0.0138	0.0042	0.0043	1.34E-02	8.41E-04	3.85E-08	6.61E-05	1.75E-04	8.43E-05	1.45E-02	6.51E-03	8.41E-04	3.85E-08	3.22E-05	8.53E-05	4.10E-05	7.51E-03
1479	495161.06, 3858501.99	0.0097	0.0042	0.0057	0.0101	0.0085	0.0139	0.0042	0.0042	1.32E-02	8.35E-04	3.81E-08	6.52E-05	1.73E-04	8.50E-05	1.44E-02	6.42E-03	8.35E-04	3.81E-08	3.17E-05	8.42E-05	4.14E-05	7.41E-03
1480	495211.06, 3858501.99	0.0095	0.0042	0.0056	0.01	0.0084	0.0141	0.0042	0.0042	1.30E-02	8.27E-04	3.77E-08	6.44E-05	1.71E-04	8.60E-05	1.41E-02	6.32E-03	8.27E-04	3.77E-08	3.13E-05	8.31E-05	4.18E-05	7.31E-03
1481	495261.06, 3858501.99	0.0094	0.0042	0.0056	0.0099	0.0083	0.0143	0.0041	0.0042	1.29E-02	8.23E-04	3.74E-08	6.37E-05	1.69E-04	8.73E-05	1.40E-02	6.26E-03	8.23E-04	3.74E-08	3.10E-05	8.22E-05	4.25E-05	7.23E-03
1482	495311.06, 3858501.99	0.0094	0.0042	0.0055	0.0098	0.0082	0.0145	0.0041	0.0042	1.28E-02	8.20E-04	3.71E-08	6.32E-05	1.68E-04	8.89E-05	1.39E-02	6.21E-03	8.20E-04	3.71E-08	3.07E-05	8.17E-05	4.33E-05	7.18E-03
1483	495361.06, 3858501.99	0.0093	0.0041	0.0055	0.0097	0.0082	0.0149	0.0041	0.0041	1.27E-02	8.16E-04	3.68E-08	6.27E-05	1.67E-04	9.10E-05	1.38E-02	6.16E-03	8.16E-04	3.68E-08	3.05E-05	8.12E-05	4.43E-05	7.13E-03
1484	495411.06, 3858501.99	0.0093	0.0041	0.0054	0.0097	0.0081	0.0153	0.0041	0.0041	1.26E-02	8.12E-04	3.66E-08	6.22E-05	1.66E-04	9.35E-05	1.37E-02	6.13E-03	8.12E-04	3.66E-08	3.03E-05	8.07E-05	4.55E-05	7.10E-03

1485	495461.06, 3858501.99	0.0092	0.0041	0.0054	0.0096	0.0081	0.0158	0.0041	0.0041	1.25E-02	8.10E-04	3.64E-08	6.18E-05	1.65E-04	9.65E-05	1.37E-02	6.10E-03	8.10E-04	3.64E-08	3.01E-05	8.04E-05	4.70E-05	7.06E-03
1486	495511.06, 3858501.99	0.0091	0.0041	0.0054	0.0095	0.008	0.0163	0.0041	0.0041	1.24E-02	8.06E-04	3.62E-08	6.13E-05	1.64E-04	9.99E-05	1.36E-02	6.06E-03	8.06E-04	3.62E-08	2.98E-05	7.98E-05	4.86E-05	7.02E-03
1487	495561.06, 3858501.99	0.0091	0.0041	0.0054	0.0095	0.008	0.017	0.0041	0.0041	1.24E-02	8.06E-04	3.60E-08	6.10E-05	1.64E-04	1.04E-04	1.36E-02	6.05E-03	8.06E-04	3.60E-08	2.97E-05	7.97E-05	5.07E-05	7.02E-03
1488	495611.06, 3858501.99	0.0091	0.0041	0.0053	0.0094	0.0079	0.0177	0.004	0.0041	1.23E-02	8.00E-04	3.56E-08	6.05E-05	1.62E-04	1.08E-04	1.35E-02	6.00E-03	8.00E-04	3.56E-08	2.94E-05	7.86E-05	5.27E-05	6.96E-03
1489	495661.06, 3858501.99	0.009	0.0041	0.0053	0.0094	0.0079	0.0185	0.004	0.0041	1.23E-02	7.98E-04	3.56E-08	6.01E-05	1.62E-04	1.13E-04	1.34E-02	5.97E-03	7.98E-04	3.56E-08	2.93E-05	7.87E-05	5.52E-05	6.93E-03
1490	494311.06, 3858551.99	0.012	0.0049	0.0068	0.0124	0.0101	0.013	0.0048	0.0049	1.64E-02	9.59E-04	4.59E-08	7.98E-05	2.06E-04	7.97E-05	1.77E-02	7.98E-03	9.59E-04	4.59E-08	3.88E-05	1.00E-04	3.88E-05	9.12E-03
1491	494361.06, 3858551.99	0.012	0.0049	0.0068	0.0124	0.0101	0.0132	0.0048	0.0049	1.64E-02	9.59E-04	4.57E-08	7.96E-05	2.07E-04	8.05E-05	1.77E-02	7.98E-03	9.59E-04	4.57E-08	3.87E-05	1.01E-04	3.92E-05	9.12E-03
1492	494411.06, 3858551.99	0.012	0.0049	0.0068	0.0124	0.0102	0.0134	0.0048	0.0049	1.64E-02	9.61E-04	4.59E-08	7.94E-05	2.09E-04	8.17E-05	1.77E-02	7.96E-03	9.61E-04	4.59E-08	3.87E-05	1.02E-04	3.98E-05	9.10E-03
1493	494461.06, 3858551.99	0.012	0.0049	0.0068	0.0123	0.0102	0.0135	0.0048	0.0049	1.63E-02	9.57E-04	4.55E-08	7.89E-05	2.08E-04	8.24E-05	1.76E-02	7.92E-03	9.57E-04	4.55E-08	3.84E-05	1.01E-04	4.01E-05	9.06E-03
1494	494511.06, 3858551.99	0.0118	0.0048	0.0067	0.0122	0.0101	0.0136	0.0048	0.0048	1.61E-02	9.52E-04	4.51E-08	7.82E-05	2.06E-04	8.29E-05	1.74E-02	7.85E-03	9.52E-04	4.51E-08	3.80E-05	1.00E-04	4.04E-05	8.98E-03
1495	494561.06, 3858551.99	0.0118	0.0048	0.0067	0.012	0.0101	0.0137	0.0048	0.0048	1.60E-02	9.46E-04	4.48E-08	7.74E-05	2.05E-04	8.36E-05	1.73E-02	7.79E-03	9.46E-04	4.48E-08	3.77E-05	9.99E-05	4.07E-05	8.91E-03
1496	494611.06, 3858551.99	0.0116	0.0048	0.0066	0.0119	0.01	0.0138	0.0047	0.0048	1.58E-02	9.40E-04	4.43E-08	7.67E-05	2.03E-04	8.43E-05	1.71E-02	7.71E-03	9.40E-04	4.43E-08	3.73E-05	9.90E-05	4.10E-05	8.82E-03
1497	494661.06, 3858551.99	0.0115	0.0047	0.0065	0.0118	0.0099	0.0139	0.0047	0.0047	1.57E-02	9.34E-04	4.39E-08	7.59E-05	2.02E-04	8.50E-05	1.70E-02	7.63E-03	9.34E-04	4.39E-08	3.69E-05	9.82E-05	4.14E-05	8.74E-03
1498	494711.06, 3858551.99	0.0114	0.0047	0.0064	0.0116	0.0098	0.0139	0.0047	0.0047	1.55E-02	9.24E-04	4.32E-08	7.48E-05	1.99E-04	8.53E-05	1.67E-02	7.52E-03	9.24E-04	4.32E-08	3.64E-05	9.69E-05	4.15E-05	8.62E-03
1499	494761.06, 3858551.99	0.0112	0.0046	0.0064	0.0115	0.0096	0.014	0.0046	0.0046	1.52E-02	9.14E-04	4.28E-08	7.38E-05	1.96E-04	8.54E-05	1.65E-02	7.41E-03	9.14E-04	4.28E-08	3.59E-05	9.55E-05	4.16E-05	8.50E-03
1500	494811.06, 3858551.99	0.011	0.0046	0.0063	0.0113	0.0095	0.014	0.0046	0.0046	1.50E-02	9.06E-04	4.22E-08	7.29E-05	1.94E-04	8.58E-05	1.63E-02	7.32E-03	9.06E-04	4.22E-08	3.55E-05	9.44E-05	4.18E-05	8.39E-03
1501	494861.06, 3858551.99	0.0109	0.0046	0.0062	0.0112	0.0094	0.0141	0.0045	0.0046	1.48E-02	8.98E-04	4.17E-08	7.18E-05	1.91E-04	8.61E-05	1.60E-02	7.20E-03	8.98E-04	4.17E-08	3.49E-05	9.31E-05	4.19E-05	8.27E-03
1502	494911.06, 3858551.99	0.0107	0.0045	0.0061	0.011	0.0092	0.0141	0.0045	0.0045	1.46E-02	8.88E-04	4.11E-08	7.06E-05	1.88E-04	8.62E-05	1.58E-02	7.08E-03	8.88E-04	4.11E-08	3.44E-05	9.16E-05	4.20E-05	8.14E-03
1503	494961.06, 3858551.99	0.0105	0.0045	0.006	0.0108	0.0091	0.0141	0.0044	0.0045	1.43E-02	8.81E-04	4.07E-08	6.97E-05	1.86E-04	8.65E-05	1.56E-02	6.98E-03	8.81E-04	4.07E-08	3.39E-05	9.03E-05	4.21E-05	8.03E-03
1504	495011.06, 3858551.99	0.0103	0.0044	0.006	0.0107	0.009	0.0142	0.0044	0.0044	1.41E-02	8.71E-04	4.01E-08	6.86E-05	1.83E-04	8.68E-05	1.53E-02	6.85E-03	8.71E-04	4.01E-08	3.34E-05	8.88E-05	4.23E-05	7.89E-03
1505	495061.06, 3858551.99	0.0102	0.0044	0.0059	0.0105	0.0089	0.0143	0.0044	0.0044	1.39E-02	8.65E-04	3.97E-08	6.78E-05	1.81E-04	8.77E-05	1.51E-02	6.75E-03	8.65E-04	3.97E-08	3.30E-05	8.80E-05	4.27E-05	7.77E-03
1506	495111.06, 3858551.99	0.01	0.0043	0.0058	0.0103	0.0086	0.0144	0.0043	0.0043	1.36E-02	8.55E-04	3.91E-08	6.65E-05	1.74E-04	8.82E-05	1.47E-02	6.60E-03	8.55E-04	3.91E-08	3.24E-05	8.49E-05	4.29E-05	7.62E-03
1507	495161.06, 3858551.99	0.0098	0.0043	0.0057	0.0102	0.0084	0.0146	0.0043	0.0043	1.34E-02	8.47E-04	3.87E-08	6.56E-05	1.72E-04	8.91E-05	1.45E-02	6.50E-03	8.47E-04	3.87E-08	3.19E-05	8.38E-05	4.34E-05	7.51E-03
1508	495211.06, 3858551.99	0.0097	0.0043	0.0057	0.0101	0.0083	0.0147	0.0042	0.0043	1.32E-02	8.41E-04	3.82E-08	6.48E-05	1.70E-04	9.02E-05	1.43E-02	6.41E-03	8.41E-04	3.82E-08	3.15E-05	8.28E-05	4.39E-05	7.41E-03
1509	495261.06, 3858551.99	0.0096	0.0042	0.0056	0.01	0.0083	0.015	0.0042	0.0042	1.30E-02	8.35E-04	3.78E-08	6.41E-05	1.68E-04	9.17E-05	1.42E-02	6.35E-03	8.35E-04	3.78E-08	3.12E-05	8.20E-05	4.46E-05	7.34E-03
1510	495311.06, 3858551.99	0.0095	0.0042	0.0056	0.0099	0.0082	0.0153	0.0042	0.0042	1.30E-02	8.33E-04	3.76E-08	6.36E-05	1.68E-04	9.38E-05	1.41E-02	6.31E-03	8.33E-04	3.76E-08	3.10E-05	8.16E-05	4.57E-05	7.30E-03
1511	495361.06, 3858551.99	0.0095	0.0042	0.0055	0.0098	0.0082	0.0157	0.0042	0.0042	1.29E-02	8.29E-04	3.73E-08	6.31E-05	1.67E-04	9.62E-05	1.40E-02	6.27E-03	8.29E-04	3.73E-08	3.07E-05	8.11E-05	4.68E-05	7.26E-03
1512	495411.06, 3858551.99	0.0094	0.0042	0.0055	0.0098	0.0081	0.0162	0.0042	0.0042	1.28E-02	8.27E-04	3.71E-08	6.27E-05	1.66E-04	9.94E-05	1.40E-02	6.24E-03	8.27E-04	3.71E-08	3.05E-05	8.07E-05	4.84E-05	7.23E-03
1513	495461.06, 3858551.99	0.0094	0.0042	0.0055	0.0097	0.0081	0.0168	0.0041	0.0042	1.27E-02	8.23E-04	3.69E-08	6.23E-05	1.65E-04	1.03E-04	1.39E-02	6.20E-03	8.23E-04	3.69E-08	3.03E-05	8.03E-05	5.01E-05	7.19E-03
1514	495511.06, 3858551.99	0.0093	0.0042	0.0055	0.0096	0.0081	0.0175	0.0041	0.0042	1.27E-02	8.21E-04	3.67E-08	6.19E-05	1.64E-04	1.07E-04	1.38E-02	6.18E-03	8.21E-04	3.67E-08	3.02E-05	8.00E-05	5.21E-05	7.16E-03
1515	495561.06, 3858551.99	0.0093	0.0042	0.0054	0.0096	0.008	0.0182	0.0041	0.0042	1.26E-02	8.18E-04	3.64E-08	6.15E-05	1.64E-04	1.11E-04	1.38E-02	6.14E-03	8.18E-04	3.64E-08	2.99E-05	7.96E-05	5.43E-05	7.12E-03
1516	495611.06, 3858551.99	0.0092	0.0041	0.0054	0.0095	0.008	0.019	0.0041	0.0041	1.25E-02	8.16E-04	3.62E-08	6.10E-05	1.63E-04	1.16E-04	1.37E-02	6.10E-03	8.16E-04	3.62E-08	2.97E-05	7.91E-05	5.67E-05	7.08E-03
1517	495661.06, 3858551.99	0.0091	0.0041	0.0053	0.0094	0.0079	0.02	0.0041	0.0041	1.24E-02	8.12E-04	3.59E-08	6.05E-05	1.61E-04	1.22E-04	1.36E-02	6.05E-03	8.12E-04	3.59E-08	2.94E-05	7.85E-05	5.95E-05	7.03E-03
1518	494311.06, 3858601.99	0.0116	0.0049	0.0068	0.0121	0.0096	0.0131	0.0048	0.0049	1.58E-02	9.57E-04	4.55E-08	7.78E-05	1.95E-04	8.03E-05	1.72E-02	7.71E-03	9.57E-04	4.55E-08	3.79E-05	9.50E-05	3.91E-05	8.84E-03
1519	494361.06, 3858601.99	0.0121	0.0049	0.0068	0.0123	0.0099	0.0136	0.0049	0.0049	1.64E-02	9.71E-04	4.60E-08	7.94E-05	2.02E-04	8.29E-05	1.77E-02	7.99E-03	9.71E-04	4.60E-08	3.86E-05	9.83E-05	4.04E-05	9.13E-03
1520	494411.06, 3858601.99	0.0123	0.005	0.007	0.0125	0.0102	0.014	0.005	0.005	1.67E-02	9.85E-04	4.68E-08	8.05E-05	2.08E-04	8.54E-05	1.80E-02	8.12E-03	9.85E-04	4.68E-08	3.92E-05	1.01E-04	4.15E-05	9.29E-03
1521	494461.06, 3858601.99	0.0122	0.005	0.0069	0.0124	0.0102	0.0141	0.0049	0.005	1.66E-02	9.79E-04	4.65E-08	8.00E-05	2.08E-04	8.61E-05	1.79E-02	8.06E-03	9.79E-04	4.65E-08	3.89E-05	1.01E-04	4.19E-05	9.23E-03
1522	494511.06, 3858601.99	0.0121	0.0049	0.0068	0.0123	0.0101	0.0142	0.0049	0.0049	1.64E-02	9.69E-04	4.59E-08	7.88E-05	2.06E-04	8.66E-05	1.77E-02	7.99E-03	9.69E-04	4.59E-08	3.84E-05	1.00E-04	4.21E-05	9.14E-03
1523	494561.06, 3858601.99	0.012	0.0049	0.0068	0.0122	0.0101	0.0143	0.0049	0.0049	1.63E-02	9.69E-04	4.57E-08	7.85E-05	2.06E-04	8.77E-05	1.77E-02	7.94E-03	9.69E-04	4.57E-08	3.82E-05	1.00E-04	4.27E-05	9.09E-03
1524	494611.06, 3858601.99	0.0118	0.0049	0.0067	0.0121	0.01	0.0144	0.0048	0.0049	1.61E-02	9.61E-04	4.52E-08	7.76E-05	2.03E-04	8.83E-05	1.74E-02	7.84E-03	9.61E-04	4.52E-08	3.78E-05	9.90E-05	4.30E-05	8.98E-03
1525	494661.06, 3858601.99	0.0117	0.0048	0.0067	0.0119	0.0099	0.0146	0.0048	0.0048	1.59E-02	9.53E-04	4.48E-08	7.67E-05	2.02E-04	8.92E-05	1.73E-02	7.76E-03	9.53E-04	4.48E-08	3.74E-05	9.82E-05	4.34E-05	8.89E-03
1526	494711.06, 3858601.99	0.0116	0.0048	0.0066	0.0118	0.0098	0.0147	0.0048	0.0048	1.57E-02	9.46E-04	4.42E-08	7.57E-05	1.99E-04	8.98E-05	1.70E-02	7.65E-03	9.46E-04	4.42E-08	3.69E-05	9.69E-05	4.37E-05	8.78E-03
1527	494761.06, 3858601.99	0.0114	0.0048	0.0065	0.0116	0.0096	0.0147	0.0047	0.0048	1.55E-02	9.36E-04	4.37E-08	7.47E-05	1.97E-04	9.01E-05	1.68E-02	7.55E-03	9.36E-04	4.37E-08	3.64E-05	9.57E-05	4.39E-05	8.66E-03
1528	494811.06, 3858601.99	0.0112	0.0047	0.0064	0.0114	0.0095	0.0147	0.0047	0.0047	1.52E-02	9.24E-04	4.29E-08	7.33E-05	1.93E-04	9.01E-05	1.65E-02	7.41E-03	9.24E-04	4.29E-08	3.57E-05	9.39E-05	4.38E-05	8.51E-03
1529	494861.06, 3858601.99	0.011	0.0047	0.0063	0.0113	0.0094	0.0148	0.0046	0.0047	1.50E-02	9.16E-04	4.25E-08	7.25E-05	1.91E-04	9.06E-05	1.63E-02	7.32E-03	9.16E-04	4.25E-08	3.53E-05	9.29E-05	4.41E-05	8.40E-03
1530	494911.06, 3858601.99	0.0108	0.0046	0.0062	0.0111	0.0092	0.0148	0.0046	0.0046	1.47E-02	9.06E-04	4.18E-08	7.12E-05	1.87E-04	9.06E-05	1.60E-02	7.18E-03	9.06E-04	4.18E-08	3.47E-05	9.12E-05	4.41E-05	8.25E-03
1531	494961.06, 3858601.99	0.0107	0.0046	0.0061	0.0109	0.0091	0.0149	0.0045	0.0046	1.45E-02	8.96E-04	4.12E-08	7.02E-05	1.85E-04	9.09E-05	1.58E-02	7.08E-03	8.96E-04	4.12E-08	3.42E-05	9.00E-05	4.43E-05	8.14E-03
1532	495011.06, 3858601.99	0.0105	0.0045	0.0061	0.0108	0.0089	0.015	0.0045	0.0045	1.43E-02	8.88E-04	4.07E-08	6.92E-05	1.82E-04	9.15E-05	1.56E-02	6.97E-03	8.88E-04	4.07E-08	3.37E-05	8.88E-05	4.45E-05	8.03E-03
1533	495061.06, 3858601.99	0.0104	0.0045	0.006	0.0106	0.0088	0.0151	0.0044	0.0045	1.41E-02	8.81E-04	4.03E-08	6.82E-05	1.80E-04	9.22E-05	1.53E-02	6.86E-03	8.81E-04	4.03E-08	3.32E-05	8.76E-05	4.49E-05	7.91E-03
1534	495111.06, 3858601.99	0.0101	0.0044	0.0059	0.0104	0.0086	0.0152	0.0044	0.0044	1.37E-02	8.69E-04	3.96E-08	6.69E-05	1.76E-04	9.27E-05	1.49E-02	6.68E-03	8.69E-04	3.96E-08	3.26E-05	8.58E-05	4.51E-05	7.71E-03
1535	495161.06, 3858601.99	0.0099	0.0044	0.0058	0.0103	0.0084	0.0153	0.0043	0.0044	1.35E-02	8.63E-04	3.91E-08	6.61E-05	1.71E-04	9.39E-05	1.47E-02	6.59E-03	8.63E-04	3.91E-08	3.22E-05	8.34E-05	4.57E-05	7.61E-03
1536	495211.06, 3858601.99	0.0099	0.0044	0.0058	0.0102	0.0083	0.0156	0.0043	0.0044	1.34E-02	8.57E-04	3.88E-08	6.54E-05	1.70E-04	9.54E-05	1.46E-02	6.53E-03	8.57E-04	3.88E-08	3.18E-05	8.27E-05	4.64E-05	7.55E-03
1537	495261.06, 3858601.99	0.0097	0.0043	0.0057	0.0101	0.0083	0.0159	0.0043	0.0043	1.33E-02	8.51E-04	3.84E-08	6.47E-05	1.68E-04	9.72E-05	1.44E-02	6.45E-03	8.51E-04	3.84E-08	3.15E-05	8.19E-05	4.73E-05	7.47E-03
1538	495311.06, 3858601.99	0.0097	0.0043	0.0057	0.01	0.0082	0.0163	0.0043	0.0043	1.32E-02	8.47E-04	3.82E-08	6.41E-05	1.67E-04	9.95E-05	1.43E-02	6.40E-03	8.47E-04	3.82E-08	3.12E-05	8.13E-05	4.84E-05	7.41E-03
1539	495361.06, 3858601.99	0.0096	0.0043	0.0056	0.0099	0.0082	0.0168	0.0043	0.0043	1.31E-02	8.43E-04	3.79E-08	6.37E-05	1.66E-04	1.03E-04	1.42E-02	6.36E-03	8.43E-04	3.79E-08	3.10E-05	8.09E-05	4.99E-05	7.37E-03
1540	495411.06, 3858601.99	0.0096	0.0043	0.0056	0.0098	0.0081	0.0174	0.0042	0.0043	1.30E-02	8.41E-04	3.76E-08	6.32E-05	1.65E-04	1.06E-04	1.42E-02	6.33E-03	8.41E-04	3.76E-08	3.08E-05	8.05E-05	5.17E-05	7.33E-03
1541	495461.06, 3858601.99	0.0095	0.0043	0.0056	0.0098	0.0081	0.018	0.0042	0.0043	1.29E-02	8.37E-04	3.74E-08	6.28E-05	1.65E-04	1.10E-04	1.41E-02	6.30E-03	8.37E-04	3.74E-08	3.06E-05	8.02E-05	5.37E-05	7.30E-03
1542	495511.06, 3858601.99	0.0094	0.0042	0.0055	0.0097	0.008	0.0187	0.0042	0.0042	1.28E-02	8.33E-04	3.71E-08	6.22E-05	1.64E-04	1.15E-04	1.40E-02	6.24E-03	8.33E-04	3.71E-08	3.03E-05	7.96E-05	5.58E-05	7.24E-03
1543	495561.06, 3858601.99	0.0094	0.0042	0.0055	0.0096	0.008	0.0196	0.0042	0.0042	1.28E-02	8.31E-04	3.70E-08	6.19E-05	1.63E-04	1.20E-04	1.40E-02	6.22E-03	8.31E-04	3.70E-08	3.01E-05	7.94E-05	5.85E-05	7.22E-03
1544	495611.06, 3858601.99	0.0093	0.0042	0.0054	0.0095	0.0079	0.0206	0.0042	0.0042	1.26E-02	8.27E-04	3.66E-08	6.12E-05	1.62E-04	1.26E-04	1.38E-02	6.16E-03	8.27E-04	3.66E-08	2.98E-05	7.86E-05	6.12E-05	7.15E-03
1545	495661.06, 3858601.99	0.0093	0.0042	0.0054	0.0095	0.0079	0.0217	0.0042	0.0042	1.26E-02	8.23E-04	3.64E-08	6.09E-05	1.61E-04	1.33E-04	1.38E-02	6.13E-03	8.23E-04	3.64E-08	2.97E-05	7.84E-05	6.47E-05	7.13E-03
1546	494311.06, 3858651.99	0.0116	0.0049	0.0068	0.0121	0.0093	0.0135	0.0049	0.0049	1.58E-02	9.69E-04	4.59E-08	7.75E-05	1.90E-04	8.27E-05	1.72E-02	7.71E-03	9.69E-04	4.59E-08	3.77E-05	9.23E-05	4.02E-05	8.85E-03

1547	494361.06, 3858651.99	0.012	0.005	0.0069	0.0123	0.0096	0.014	0.0049	0.005	1.64E-02	9.83E-04	4.64E-08	7.91E-05	1.96E-04	8.54E-05	1.77E-02	7.97E-03	9.83E-04	4.64E-08	3.85E-05	9.55E-05	4.16E-05	9.13E-03
1548	494411.06, 3858651.99	0.0124	0.0051	0.007	0.0126	0.0101	0.0145	0.0051	0.0051	1.69E-02	1.00E-03	4.68E-08	8.10E-05	2.05E-04	8.88E-05	1.83E-02	8.22E-03	1.00E-03	4.68E-08	3.95E-05	1.00E-04	4.32E-05	9.40E-03
1549	494461.06, 3858651.99	0.0123	0.0051	0.007	0.0126	0.0101	0.0148	0.0051	0.0051	1.68E-02	1.00E-03	4.74E-08	8.09E-05	2.07E-04	9.02E-05	1.82E-02	8.18E-03	1.00E-03	4.74E-08	3.94E-05	1.01E-04	4.39E-05	9.36E-03
1550	494511.06, 3858651.99	0.0122	0.0051	0.007	0.0125	0.0101	0.0149	0.005	0.0051	1.67E-02	9.97E-04	4.70E-08	8.01E-05	2.06E-04	9.11E-05	1.80E-02	8.10E-03	9.97E-04	4.70E-08	3.90E-05	1.00E-04	4.43E-05	9.28E-03
1551	494561.06, 3858651.99	0.0121	0.005	0.0069	0.0124	0.01	0.0151	0.005	0.005	1.65E-02	9.91E-04	4.66E-08	7.94E-05	2.05E-04	9.21E-05	1.79E-02	8.05E-03	9.91E-04	4.66E-08	3.87E-05	9.97E-05	4.49E-05	9.22E-03
1552	494611.06, 3858651.99	0.012	0.005	0.0069	0.0122	0.01	0.0152	0.005	0.005	1.64E-02	9.85E-04	4.62E-08	7.87E-05	2.04E-04	9.31E-05	1.78E-02	7.98E-03	9.85E-04	4.62E-08	3.83E-05	9.91E-05	4.53E-05	9.15E-03
1553	494661.06, 3858651.99	0.0119	0.005	0.0068	0.0121	0.0099	0.0154	0.0049	0.005	1.62E-02	9.75E-04	4.57E-08	7.77E-05	2.02E-04	9.42E-05	1.75E-02	7.89E-03	9.75E-04	4.57E-08	3.78E-05	9.81E-05	4.58E-05	9.04E-03
1554	494711.06, 3858651.99	0.0117	0.0049	0.0067	0.0119	0.0097	0.0155	0.0049	0.0049	1.60E-02	9.65E-04	4.51E-08	7.65E-05	1.99E-04	9.50E-05	1.73E-02	7.77E-03	9.65E-04	4.51E-08	3.73E-05	9.67E-05	4.62E-05	8.91E-03
1555	494761.06, 3858651.99	0.0116	0.0049	0.0066	0.0118	0.0096	0.0156	0.0048	0.0049	1.58E-02	9.57E-04	4.46E-08	7.56E-05	1.96E-04	9.56E-05	1.71E-02	7.67E-03	9.57E-04	4.46E-08	3.68E-05	9.56E-05	4.65E-05	8.81E-03
1556	494811.06, 3858651.99	0.0114	0.0048	0.0065	0.0116	0.0095	0.0156	0.0048	0.0048	1.55E-02	9.46E-04	4.39E-08	7.43E-05	1.93E-04	9.56E-05	1.68E-02	7.54E-03	9.46E-04	4.39E-08	3.62E-05	9.40E-05	4.65E-05	8.66E-03
1557	494861.06, 3858651.99	0.0112	0.0048	0.0064	0.0114	0.0093	0.0157	0.0047	0.0048	1.52E-02	9.36E-04	4.34E-08	7.31E-05	1.90E-04	9.59E-05	1.65E-02	7.42E-03	9.36E-04	4.34E-08	3.56E-05	9.25E-05	4.67E-05	8.53E-03
1558	494911.06, 3858651.99	0.011	0.0047	0.0063	0.0112	0.0092	0.0157	0.0047	0.0047	1.50E-02	9.24E-04	4.26E-08	7.19E-05	1.87E-04	9.59E-05	1.63E-02	7.29E-03	9.24E-04	4.26E-08	3.50E-05	9.09E-05	4.67E-05	8.39E-03
1559	494961.06, 3858651.99	0.0108	0.0046	0.0062	0.011	0.009	0.0157	0.0046	0.0046	1.47E-02	9.14E-04	4.20E-08	7.08E-05	1.84E-04	9.62E-05	1.60E-02	7.16E-03	9.14E-04	4.20E-08	3.44E-05	8.95E-05	4.68E-05	8.25E-03
1560	495011.06, 3858651.99	0.0107	0.0046	0.0062	0.0109	0.0089	0.0159	0.0046	0.0046	1.45E-02	9.06E-04	4.14E-08	6.98E-05	1.82E-04	9.70E-05	1.58E-02	7.06E-03	9.06E-04	4.14E-08	3.40E-05	8.85E-05	4.72E-05	8.14E-03
1561	495061.06, 3858651.99	0.0105	0.0046	0.0061	0.0107	0.0088	0.016	0.0045	0.0046	1.43E-02	8.96E-04	4.08E-08	6.87E-05	1.79E-04	9.78E-05	1.55E-02	6.95E-03	8.96E-04	4.08E-08	3.34E-05	8.72E-05	4.76E-05	8.02E-03
1562	495111.06, 3858651.99	0.0103	0.0045	0.006	0.0105	0.0086	0.0161	0.0045	0.0045	1.40E-02	8.87E-04	4.03E-08	6.75E-05	1.76E-04	9.86E-05	1.53E-02	6.83E-03	8.87E-04	4.03E-08	3.29E-05	8.57E-05	4.80E-05	7.88E-03
1563	495161.06, 3858651.99	0.0102	0.0045	0.0059	0.0104	0.0085	0.0163	0.0044	0.0045	1.38E-02	8.79E-04	3.98E-08	6.67E-05	1.74E-04	1.00E-04	1.51E-02	6.74E-03	8.79E-04	3.98E-08	3.25E-05	8.48E-05	4.87E-05	7.78E-03
1564	495211.06, 3858651.99	0.01	0.0044	0.0058	0.0102	0.0084	0.0166	0.0044	0.0044	1.36E-02	8.71E-04	3.93E-08	6.58E-05	1.72E-04	1.01E-04	1.49E-02	6.64E-03	8.71E-04	3.93E-08	3.20E-05	8.37E-05	4.94E-05	7.68E-03
1565	495261.06, 3858651.99	0.01	0.0044	0.0058	0.0102	0.0084	0.017	0.0044	0.0044	1.36E-02	8.67E-04	3.91E-08	6.54E-05	1.71E-04	1.04E-04	1.48E-02	6.60E-03	8.67E-04	3.91E-08	3.18E-05	8.33E-05	5.06E-05	7.63E-03
1566	495311.06, 3858651.99	0.0098	0.0044	0.0058	0.0101	0.0083	0.0175	0.0044	0.0044	1.34E-02	8.63E-04	3.87E-08	6.48E-05	1.70E-04	1.07E-04	1.46E-02	6.51E-03	8.63E-04	3.87E-08	3.15E-05	8.27E-05	5.20E-05	7.54E-03
1567	495361.06, 3858651.99	0.0098	0.0044	0.0057	0.01	0.0083	0.0181	0.0043	0.0044	1.33E-02	8.59E-04	3.84E-08	6.43E-05	1.69E-04	1.11E-04	1.45E-02	6.47E-03	8.59E-04	3.84E-08	3.13E-05	8.23E-05	5.38E-05	7.50E-03
1568	495411.06, 3858651.99	0.0097	0.0044	0.0057	0.0099	0.0083	0.0188	0.0043	0.0044	1.32E-02	8.57E-04	3.82E-08	6.39E-05	1.68E-04	1.15E-04	1.44E-02	6.44E-03	8.57E-04	3.82E-08	3.11E-05	8.20E-05	5.59E-05	7.47E-03
1569	495461.06, 3858651.99	0.0097	0.0043	0.0057	0.0099	0.0082	0.0196	0.0043	0.0043	1.32E-02	8.55E-04	3.80E-08	6.36E-05	1.68E-04	1.20E-04	1.44E-02	6.41E-03	8.55E-04	3.80E-08	3.09E-05	8.18E-05	5.83E-05	7.44E-03
1570	495511.06, 3858651.99	0.0096	0.0043	0.0056	0.0098	0.0082	0.0204	0.0043	0.0043	1.31E-02	8.49E-04	3.76E-08	6.29E-05	1.67E-04	1.25E-04	1.43E-02	6.36E-03	8.49E-04	3.76E-08	3.06E-05	8.11E-05	6.07E-05	7.38E-03
1571	495561.06, 3858651.99	0.0095	0.0043	0.0056	0.0097	0.008	0.0214	0.0043	0.0043	1.29E-02	8.45E-04	3.74E-08	6.24E-05	1.63E-04	1.31E-04	1.41E-02	6.30E-03	8.45E-04	3.74E-08	3.04E-05	7.92E-05	6.36E-05	7.32E-03
1572	495611.06, 3858651.99	0.0094	0.0043	0.0055	0.0096	0.0079	0.0225	0.0042	0.0043	1.28E-02	8.39E-04	3.70E-08	6.18E-05	1.61E-04	1.37E-04	1.40E-02	6.24E-03	8.39E-04	3.70E-08	3.01E-05	7.84E-05	6.69E-05	7.25E-03
1573	495661.06, 3858651.99	0.0094	0.0043	0.0055	0.0095	0.0079	0.0239	0.0042	0.0043	1.27E-02	8.37E-04	3.68E-08	6.14E-05	1.61E-04	1.46E-04	1.39E-02	6.20E-03	8.37E-04	3.68E-08	2.99E-05	7.81E-05	7.11E-05	7.22E-03
1574	494311.06, 3858701.99	0.0118	0.005	0.007	0.0122	0.0092	0.0141	0.005	0.005	1.61E-02	9.93E-04	4.71E-08	7.82E-05	1.87E-04	8.61E-05	1.74E-02	7.83E-03	9.93E-04	4.71E-08	3.80E-05	9.12E-05	4.19E-05	9.00E-03
1575	494361.06, 3858701.99	0.0123	0.0051	0.007	0.0125	0.0097	0.0147	0.0051	0.0051	1.68E-02	1.01E-03	4.74E-08	8.06E-05	1.97E-04	9.01E-05	1.82E-02	8.18E-03	1.01E-03	4.74E-08	3.92E-05	9.60E-05	4.38E-05	9.37E-03
1576	494411.06, 3858701.99	0.0126	0.0052	0.0071	0.0127	0.01	0.0152	0.0052	0.0052	1.71E-02	1.02E-03	4.78E-08	8.19E-05	2.04E-04	9.31E-05	1.85E-02	8.32E-03	1.02E-03	4.78E-08	3.99E-05	9.93E-05	4.53E-05	9.53E-03
1577	494461.06, 3858701.99	0.0125	0.0052	0.0071	0.0127	0.01	0.0155	0.0052	0.0052	1.70E-02	1.02E-03	4.75E-08	8.15E-05	2.04E-04	9.45E-05	1.84E-02	8.28E-03	1.02E-03	4.75E-08	3.97E-05	9.93E-05	4.60E-05	9.48E-03
1578	494511.06, 3858701.99	0.0124	0.0052	0.0071	0.0126	0.01	0.0157	0.0051	0.0052	1.69E-02	1.02E-03	4.81E-08	8.10E-05	2.05E-04	9.61E-05	1.83E-02	8.21E-03	1.02E-03	4.81E-08	3.95E-05	9.96E-05	4.68E-05	9.42E-03
1579	494561.06, 3858701.99	0.0123	0.0051	0.0071	0.0125	0.01	0.0159	0.0051	0.0051	1.67E-02	1.01E-03	4.76E-08	8.03E-05	2.04E-04	9.72E-05	1.81E-02	8.14E-03	1.01E-03	4.76E-08	3.91E-05	9.91E-05	4.73E-05	9.34E-03
1580	494611.06, 3858701.99	0.0121	0.0051	0.007	0.0123	0.0098	0.016	0.0051	0.0051	1.65E-02	1.00E-03	4.69E-08	7.89E-05	2.00E-04	9.78E-05	1.78E-02	8.01E-03	1.00E-03	4.69E-08	3.84E-05	9.74E-05	4.76E-05	9.20E-03
1581	494661.06, 3858701.99	0.012	0.0051	0.0069	0.0122	0.0098	0.0163	0.005	0.0051	1.64E-02	9.97E-04	4.65E-08	7.85E-05	2.00E-04	9.97E-05	1.78E-02	7.97E-03	9.97E-04	4.65E-08	3.82E-05	9.73E-05	4.85E-05	9.15E-03
1582	494711.06, 3858701.99	0.0117	0.0049	0.0067	0.0118	0.0095	0.0162	0.0049	0.0049	1.59E-02	9.73E-04	4.53E-08	7.60E-05	1.93E-04	9.93E-05	1.72E-02	7.73E-03	9.73E-04	4.53E-08	3.70E-05	9.39E-05	4.83E-05	8.88E-03
1583	494761.06, 3858701.99	0.0117	0.005	0.0067	0.0118	0.0095	0.0166	0.0049	0.005	1.59E-02	9.75E-04	4.53E-08	7.60E-05	1.94E-04	1.02E-04	1.72E-02	7.74E-03	9.75E-04	4.53E-08	3.70E-05	9.46E-05	4.95E-05	8.90E-03
1584	494811.06, 3858701.99	0.0115	0.0049	0.0066	0.0116	0.0094	0.0166	0.0049	0.0049	1.56E-02	9.63E-04	4.46E-08	7.47E-05	1.91E-04	1.02E-04	1.70E-02	7.61E-03	9.63E-04	4.46E-08	3.64E-05	9.30E-05	4.96E-05	8.76E-03
1585	494861.06, 3858701.99	0.0113	0.0048	0.0065	0.0115	0.0093	0.0167	0.0048	0.0048	1.54E-02	9.53E-04	4.40E-08	7.37E-05	1.89E-04	1.02E-04	1.67E-02	7.50E-03	9.53E-04	4.40E-08	3.58E-05	9.18E-05	4.98E-05	8.63E-03
1586	494911.06, 3858701.99	0.0112	0.0048	0.0065	0.0113	0.0091	0.0168	0.0048	0.0048	1.52E-02	9.46E-04	4.35E-08	7.27E-05	1.86E-04	1.03E-04	1.65E-02	7.40E-03	9.46E-04	4.35E-08	3.54E-05	9.07E-05	5.00E-05	8.52E-03
1587	494961.06, 3858701.99	0.0109	0.0047	0.0063	0.0111	0.0089	0.0168	0.0047	0.0047	1.49E-02	9.30E-04	4.27E-08	7.11E-05	1.82E-04	1.03E-04	1.61E-02	7.23E-03	9.30E-04	4.27E-08	3.46E-05	8.87E-05	4.99E-05	8.33E-03
1588	495011.06, 3858701.99	0.0107	0.0047	0.0062	0.0109	0.0088	0.0169	0.0046	0.0047	1.46E-02	9.20E-04	4.20E-08	7.00E-05	1.79E-04	1.03E-04	1.59E-02	7.12E-03	9.20E-04	4.20E-08	3.41E-05	8.74E-05	5.03E-05	8.21E-03
1589	495061.06, 3858701.99	0.0106	0.0046	0.0062	0.0108	0.0087	0.0171	0.0046	0.0046	1.45E-02	9.14E-04	4.16E-08	6.93E-05	1.78E-04	1.05E-04	1.58E-02	7.05E-03	9.14E-04	4.16E-08	3.38E-05	8.68E-05	5.10E-05	8.14E-03
1590	495111.06, 3858701.99	0.0104	0.0046	0.0061	0.0106	0.0086	0.0173	0.0046	0.0046	1.42E-02	9.02E-04	4.07E-08	6.81E-05	1.75E-04	1.06E-04	1.55E-02	6.91E-03	9.02E-04	4.07E-08	3.32E-05	8.53E-05	5.15E-05	7.98E-03
1591	495161.06, 3858701.99	0.0103	0.0046	0.006	0.0105	0.0085	0.0176	0.0045	0.0046	1.41E-02	8.96E-04	4.03E-08	6.73E-05	1.74E-04	1.07E-04	1.53E-02	6.84E-03	8.96E-04	4.03E-08	3.28E-05	8.45E-05	5.23E-05	7.90E-03
1592	495211.06, 3858701.99	0.0102	0.0045	0.0059	0.0103	0.0084	0.0179	0.0045	0.0045	1.38E-02	8.88E-04	3.99E-08	6.64E-05	1.71E-04	1.09E-04	1.51E-02	6.74E-03	8.88E-04	3.99E-08	3.23E-05	8.34E-05	5.32E-05	7.80E-03
1593	495261.06, 3858701.99	0.0101	0.0045	0.0059	0.0103	0.0084	0.0184	0.0045	0.0045	1.38E-02	8.85E-04	3.96E-08	6.59E-05	1.71E-04	1.13E-04	1.50E-02	6.70E-03	8.85E-04	3.96E-08	3.21E-05	8.31E-05	5.48E-05	7.75E-03
1594	495311.06, 3858701.99	0.0101	0.0045	0.0058	0.0102	0.0083	0.0191	0.0044	0.0045	1.37E-02	8.81E-04	3.93E-08	6.55E-05	1.70E-04	1.17E-04	1.49E-02	6.66E-03	8.81E-04	3.93E-08	3.19E-05	8.28E-05	5.67E-05	7.71E-03
1595	495361.06, 3858701.99	0.01	0.0045	0.0058	0.0101	0.0083	0.0197	0.0044	0.0045	1.36E-02	8.77E-04	3.90E-08	6.49E-05	1.69E-04	1.21E-04	1.48E-02	6.61E-03	8.77E-04	3.90E-08	3.16E-05	8.23E-05	5.88E-05	7.66E-03
1596	495411.06, 3858701.99	0.0099	0.0044	0.0058	0.01	0.0083	0.0206	0.0044	0.0044	1.35E-02	8.75E-04	3.87E-08	6.46E-05	1.69E-04	1.26E-04	1.48E-02	6.58E-03	8.75E-04	3.87E-08	3.14E-05	8.22E-05	6.12E-05	7.63E-03
1597	495461.06, 3858701.99	0.0099	0.0044	0.0057	0.01	0.0082	0.0214	0.0044	0.0044	1.34E-02	8.71E-04	3.84E-08	6.41E-05	1.68E-04	1.31E-04	1.47E-02	6.54E-03	8.71E-04	3.84E-08	3.12E-05	8.18E-05	6.38E-05	7.59E-03
1598	495511.06, 3858701.99	0.0098	0.0044	0.0057	0.0099	0.0082	0.0224	0.0044	0.0044	1.33E-02	8.65E-04	3.81E-08	6.36E-05	1.67E-04	1.37E-04	1.46E-02	6.49E-03	8.65E-04	3.81E-08	3.09E-05	8.12E-05	6.68E-05	7.53E-03
1599	495561.06, 3858701.99	0.0097	0.0044	0.0056	0.0098	0.0081	0.0236	0.0043	0.0044	1.32E-02	8.61E-04	3.78E-08	6.29E-05	1.66E-04	1.44E-04	1.44E-02	6.42E-03	8.61E-04	3.78E-08	3.06E-05	8.06E-05	7.02E-05	7.46E-03
1600	495611.06, 3858701.99	0.0096	0.0043	0.0056	0.0097	0.0081	0.0249	0.0043	0.0043	1.31E-02	8.55E-04	3.74E-08	6.23E-05	1.64E-04	1.53E-04	1.43E-02	6.36E-03	8.55E-04	3.74E-08	3.03E-05	7.99E-05	7.42E-05	7.40E-03
1601	495661.06, 3858701.99	0.0095	0.0043	0.0055	0.0096	0.008	0.0267	0.0043	0.0043	1.30E-02	8.51E-04	3.71E-08	6.18E-05	1.63E-04	1.63E-04	1.42E-02	6.32E-03	8.51E-04	3.71E-08	3.01E-05	7.94E-05	7.94E-05	7.36E-03
1602	494311.06, 3858751.99	0.0121	0.0052	0.0071	0.0123	0.0091	0.0147	0.0051	0.0052	1.64E-02	1.01E-03	4.81E-08	7.89E-05	1.85E-04	9.02E-05	1.78E-02	8.00E-03	1.01E-03	4.81E-08	3.84E-05	9.02E-05	4.39E-05	9.19E-03
1603	494361.06, 3858751.99	0.0126	0.0053	0.0072	0.0128	0.0097	0.0156	0.0053	0.0053	1.71E-02	1.04E-03	4.86E-08	8.21E-05	1.98E-04	9.51E-05	1.86E-02	8.34E-03	1.04E-03	4.86E-08	4.00E-05	9.62E-05	4.63E-05	9.57E-03
1604	494411.06, 3858751.99	0.0127	0.0053	0.0073	0.0129	0.01	0.0161	0.0053	0.0053	1.73E-02	1.05E-03	4.89E-08	8.30E-05	2.03E-04	9.83E-05	1.87E-02	8.42E-03	1.05E-03	4.89E-08	4.04E-05	9.88E-05	4.79E-05	9.66E-03
1605	494461.06, 3858751.99	0.0126	0.0053	0.0072	0.0128	0.01	0.0164	0.0053	0.0053	1.72E-02	1.05E-03	4.86E-08	8.26E-05	2.03E-04	1.00E-04	1.86E-02	8.38E-03	1.05E-03	4.86E-08	4.02E-05	9.88E-05	4.88E-05	9.61E-03
1606	494511.06, 3858751.99	0.0126	0.0053	0.0073	0.0128	0.01	0.0167	0.0053	0.0053	1.71E-02	1.05E-03	4.93E-08	8.23E-05	2.04E-04	1.02E-04	1.85E-02	8.32E-03	1.05E-03	4.93E-08	4.01E-05	9.94E-05	4.98E-05	9.56E-03
1607	494561.06, 3858751.99	0.0124	0.0053	0.0072	0.0126	0.0099	0.0169	0.0052	0.0053	1.69E-02	1.03E-03	4.85E-08	8.11E-05	2.02E-04	1.03E-04	1.84E-02	8.24E-03	1.03E-03	4.85E-08	3.95E-05	9.84E-05	5.04E-05	9.47E-03
1608	494611.06, 3858751.99	0.0123	0.0052	0.0071	0.0124	0.0098	0.0171	0.0052	0.0052	1.67E-02	1.02E-03	4.79E-08	7.99E-05	1.99E-04	1.05E-04	1.81E-02	8.13E-03	1.02E-03	4.79E-08	3.89E-05	9.71E-05	5.09E-05	9.34E-03

1609	494661.06, 3858751.99	0.0122	0.0052	0.007	0.0123	0.0097	0.0174	0.0051	0.0052	1.66E-02	1.01E-03	4.71E-08	7.91E-05	1.97E-04	1.06E-04	1.80E-02	8.06E-03	1.01E-03	4.71E-08	3.85E-05	9.61E-05	5.18E-05	9.26E-03
1610	494711.06, 3858751.99	0.0119	0.0051	0.0069	0.012	0.0095	0.0176	0.0051	0.0051	1.63E-02	1.00E-03	4.64E-08	7.74E-05	1.94E-04	1.08E-04	1.76E-02	7.91E-03	1.00E-03	4.64E-08	3.77E-05	9.42E-05	5.24E-05	9.10E-03
1611	494761.06, 3858751.99	0.0118	0.0051	0.0068	0.0119	0.0095	0.0179	0.005	0.0051	1.61E-02	9.97E-04	4.61E-08	7.68E-05	1.93E-04	1.10E-04	1.75E-02	7.83E-03	9.97E-04	4.61E-08	3.74E-05	9.39E-05	5.34E-05	9.01E-03
1612	494811.06, 3858751.99	0.0116	0.005	0.0067	0.0117	0.0093	0.018	0.005	0.005	1.58E-02	9.83E-04	4.53E-08	7.54E-05	1.90E-04	1.10E-04	1.72E-02	7.69E-03	9.83E-04	4.53E-08	3.67E-05	9.23E-05	5.35E-05	8.86E-03
1613	494861.06, 3858751.99	0.0114	0.0049	0.0066	0.0115	0.0092	0.018	0.0049	0.0049	1.56E-02	9.71E-04	4.46E-08	7.42E-05	1.87E-04	1.10E-04	1.69E-02	7.57E-03	9.71E-04	4.46E-08	3.61E-05	9.08E-05	5.36E-05	8.73E-03
1614	494911.06, 3858751.99	0.0112	0.0049	0.0065	0.0113	0.009	0.018	0.0048	0.0049	1.53E-02	9.59E-04	4.39E-08	7.28E-05	1.83E-04	1.10E-04	1.66E-02	7.44E-03	9.59E-04	4.39E-08	3.54E-05	8.92E-05	5.37E-05	8.57E-03
1615	494961.06, 3858751.99	0.0111	0.0048	0.0064	0.0112	0.0089	0.0182	0.0048	0.0048	1.51E-02	9.50E-04	4.33E-08	7.18E-05	1.81E-04	1.11E-04	1.64E-02	7.33E-03	9.50E-04	4.33E-08	3.49E-05	8.82E-05	5.41E-05	8.46E-03
1616	495011.06, 3858751.99	0.0109	0.0048	0.0064	0.011	0.0088	0.0184	0.0048	0.0048	1.49E-02	9.42E-04	4.28E-08	7.09E-05	1.80E-04	1.13E-04	1.62E-02	7.25E-03	9.42E-04	4.28E-08	3.45E-05	8.75E-05	5.49E-05	8.37E-03
1617	495061.06, 3858751.99	0.0108	0.0047	0.0063	0.0109	0.0087	0.0186	0.0047	0.0047	1.47E-02	9.32E-04	4.23E-08	6.99E-05	1.77E-04	1.14E-04	1.60E-02	7.14E-03	9.32E-04	4.23E-08	3.40E-05	8.63E-05	5.55E-05	8.25E-03
1618	495111.06, 3858751.99	0.0106	0.0047	0.0062	0.0107	0.0086	0.0188	0.0047	0.0047	1.44E-02	9.22E-04	4.15E-08	6.88E-05	1.74E-04	1.15E-04	1.57E-02	7.02E-03	9.22E-04	4.15E-08	3.35E-05	8.49E-05	5.61E-05	8.11E-03
1619	495161.06, 3858751.99	0.0105	0.0046	0.0061	0.0106	0.0085	0.0192	0.0046	0.0046	1.43E-02	9.14E-04	4.11E-08	6.80E-05	1.73E-04	1.17E-04	1.55E-02	6.94E-03	9.14E-04	4.11E-08	3.31E-05	8.41E-05	5.71E-05	8.03E-03
1620	495211.06, 3858751.99	0.0103	0.0046	0.006	0.0104	0.0084	0.0196	0.0046	0.0046	1.41E-02	9.06E-04	4.05E-08	6.70E-05	1.71E-04	1.20E-04	1.53E-02	6.84E-03	9.06E-04	4.05E-08	3.26E-05	8.31E-05	5.84E-05	7.92E-03
1621	495261.06, 3858751.99	0.0103	0.0046	0.006	0.0103	0.0083	0.0203	0.0046	0.0046	1.40E-02	9.02E-04	4.02E-08	6.65E-05	1.70E-04	1.24E-04	1.52E-02	6.79E-03	9.02E-04	4.02E-08	3.24E-05	8.28E-05	6.04E-05	7.87E-03
1622	495311.06, 3858751.99	0.0102	0.0046	0.0059	0.0103	0.0083	0.021	0.0045	0.0046	1.39E-02	8.98E-04	3.99E-08	6.61E-05	1.70E-04	1.29E-04	1.51E-02	6.75E-03	8.98E-04	3.99E-08	3.22E-05	8.26E-05	6.26E-05	7.83E-03
1623	495361.06, 3858751.99	0.0101	0.0045	0.0059	0.0102	0.0083	0.0218	0.0045	0.0045	1.38E-02	8.94E-04	3.95E-08	6.55E-05	1.69E-04	1.34E-04	1.50E-02	6.71E-03	8.94E-04	3.95E-08	3.19E-05	8.22E-05	6.50E-05	7.78E-03
1624	495411.06, 3858751.99	0.0101	0.0045	0.0058	0.0102	0.0083	0.0228	0.0045	0.0045	1.37E-02	8.92E-04	3.93E-08	6.53E-05	1.69E-04	1.40E-04	1.50E-02	6.68E-03	8.92E-04	3.93E-08	3.18E-05	8.21E-05	6.79E-05	7.75E-03
1625	495461.06, 3858751.99	0.01	0.0045	0.0058	0.0101	0.0082	0.0239	0.0045	0.0045	1.36E-02	8.88E-04	3.91E-08	6.48E-05	1.68E-04	1.46E-04	1.49E-02	6.64E-03	8.88E-04	3.91E-08	3.15E-05	8.18E-05	7.11E-05	7.71E-03
1626	495511.06, 3858751.99	0.0099	0.0045	0.0057	0.01	0.0082	0.0251	0.0045	0.0045	1.35E-02	8.83E-04	3.85E-08	6.42E-05	1.67E-04	1.53E-04	1.48E-02	6.58E-03	8.83E-04	3.85E-08	3.12E-05	8.12E-05	7.47E-05	7.65E-03
1627	495561.06, 3858751.99	0.0098	0.0045	0.0057	0.0099	0.0081	0.0265	0.0044	0.0045	1.34E-02	8.77E-04	3.81E-08	6.36E-05	1.66E-04	1.62E-04	1.47E-02	6.52E-03	8.77E-04	3.81E-08	3.10E-05	8.06E-05	7.88E-05	7.59E-03
1628	495611.06, 3858751.99	0.0097	0.0044	0.0056	0.0098	0.0081	0.0282	0.0044	0.0044	1.33E-02	8.71E-04	3.78E-08	6.30E-05	1.64E-04	1.72E-04	1.45E-02	6.45E-03	8.71E-04	3.78E-08	3.07E-05	8.00E-05	8.39E-05	7.52E-03
1629	495661.06, 3858751.99	0.0097	0.0044	0.0056	0.0097	0.008	0.0304	0.0044	0.0044	1.32E-02	8.67E-04	3.74E-08	6.24E-05	1.63E-04	1.86E-04	1.44E-02	6.40E-03	8.67E-04	3.74E-08	3.04E-05	7.95E-05	9.04E-05	7.47E-03
1630	494311.06, 3858801.99	0.0124	0.0053	0.0073	0.0125	0.0091	0.0156	0.0053	0.0053	1.69E-02	1.05E-03	4.92E-08	8.07E-05	1.86E-04	9.55E-05	1.83E-02	8.21E-03	1.05E-03	4.92E-08	3.93E-05	9.04E-05	4.65E-05	9.43E-03
1631	494361.06, 3858801.99	0.0128	0.0054	0.0074	0.013	0.0097	0.0165	0.0054	0.0054	1.74E-02	1.07E-03	4.98E-08	8.33E-05	1.97E-04	1.01E-04	1.88E-02	8.46E-03	1.07E-03	4.98E-08	4.05E-05	9.60E-05	4.90E-05	9.72E-03
1632	494411.06, 3858801.99	0.0128	0.0055	0.0074	0.013	0.0098	0.0169	0.0054	0.0055	1.74E-02	1.07E-03	4.98E-08	8.36E-05	2.00E-04	1.04E-04	1.89E-02	8.48E-03	1.07E-03	4.98E-08	4.07E-05	9.74E-05	5.04E-05	9.74E-03
1633	494461.06, 3858801.99	0.0128	0.0055	0.0074	0.013	0.0099	0.0174	0.0054	0.0055	1.74E-02	1.07E-03	4.96E-08	8.36E-05	2.02E-04	1.06E-04	1.88E-02	8.45E-03	1.07E-03	4.96E-08	4.07E-05	9.82E-05	5.17E-05	9.71E-03
1634	494511.06, 3858801.99	0.0127	0.0055	0.0075	0.013	0.01	0.0178	0.0054	0.0055	1.73E-02	1.07E-03	5.03E-08	8.34E-05	2.03E-04	1.09E-04	1.87E-02	8.40E-03	1.07E-03	5.03E-08	4.06E-05	9.89E-05	5.31E-05	9.67E-03
1635	494561.06, 3858801.99	0.0126	0.0054	0.0074	0.0129	0.0099	0.0182	0.0054	0.0054	1.71E-02	1.07E-03	4.99E-08	8.27E-05	2.02E-04	1.11E-04	1.86E-02	8.34E-03	1.07E-03	4.99E-08	4.03E-05	9.85E-05	5.42E-05	9.60E-03
1636	494611.06, 3858801.99	0.0125	0.0054	0.0073	0.0127	0.0099	0.0186	0.0053	0.0054	1.70E-02	1.06E-03	4.93E-08	8.18E-05	2.01E-04	1.14E-04	1.84E-02	8.26E-03	1.06E-03	4.93E-08	3.98E-05	9.78E-05	5.53E-05	9.51E-03
1637	494661.06, 3858801.99	0.0123	0.0053	0.0072	0.0125	0.0097	0.0189	0.0053	0.0053	1.67E-02	1.05E-03	4.86E-08	8.05E-05	1.98E-04	1.16E-04	1.82E-02	8.14E-03	1.05E-03	4.86E-08	3.92E-05	9.64E-05	5.64E-05	9.38E-03
1638	494711.06, 3858801.99	0.0121	0.0052	0.0071	0.0123	0.0096	0.0193	0.0052	0.0052	1.65E-02	1.03E-03	4.77E-08	7.90E-05	1.95E-04	1.18E-04	1.79E-02	8.03E-03	1.03E-03	4.77E-08	3.84E-05	9.48E-05	5.74E-05	9.25E-03
1639	494761.06, 3858801.99	0.0119	0.0052	0.007	0.012	0.0094	0.0195	0.0051	0.0052	1.62E-02	1.02E-03	4.68E-08	7.74E-05	1.91E-04	1.19E-04	1.76E-02	7.89E-03	1.02E-03	4.68E-08	3.77E-05	9.29E-05	5.81E-05	9.09E-03
1640	494811.06, 3858801.99	0.0117	0.0051	0.0068	0.0118	0.0092	0.0196	0.0051	0.0051	1.59E-02	1.00E-03	4.59E-08	7.58E-05	1.87E-04	1.20E-04	1.73E-02	7.74E-03	1.00E-03	4.59E-08	3.69E-05	9.10E-05	5.83E-05	8.93E-03
1641	494861.06, 3858801.99	0.0115	0.005	0.0067	0.0116	0.0091	0.0198	0.005	0.005	1.57E-02	9.91E-04	4.53E-08	7.48E-05	1.85E-04	1.21E-04	1.71E-02	7.65E-03	9.91E-04	4.53E-08	3.64E-05	9.00E-05	5.88E-05	8.82E-03
1642	494911.06, 3858801.99	0.0114	0.005	0.0066	0.0114	0.0089	0.0198	0.0049	0.005	1.55E-02	9.79E-04	4.45E-08	7.35E-05	1.82E-04	1.21E-04	1.68E-02	7.52E-03	9.79E-04	4.45E-08	3.58E-05	8.86E-05	5.91E-05	8.68E-03
1643	494961.06, 3858801.99	0.0112	0.0049	0.0065	0.0113	0.0088	0.02	0.0049	0.0049	1.52E-02	9.69E-04	4.39E-08	7.24E-05	1.80E-04	1.23E-04	1.66E-02	7.42E-03	9.69E-04	4.39E-08	3.53E-05	8.75E-05	5.97E-05	8.57E-03
1644	495011.06, 3858801.99	0.011	0.0049	0.0064	0.0111	0.0087	0.0203	0.0048	0.0049	1.50E-02	9.59E-04	4.32E-08	7.13E-05	1.77E-04	1.24E-04	1.63E-02	7.31E-03	9.59E-04	4.32E-08	3.47E-05	8.64E-05	6.05E-05	8.45E-03
1645	495061.06, 3858801.99	0.0109	0.0048	0.0064	0.011	0.0086	0.0207	0.0048	0.0048	1.49E-02	9.52E-04	4.28E-08	7.06E-05	1.76E-04	1.26E-04	1.62E-02	7.23E-03	9.52E-04	4.28E-08	3.43E-05	8.57E-05	6.16E-05	8.36E-03
1646	495111.06, 3858801.99	0.0107	0.0048	0.0063	0.0108	0.0085	0.0209	0.0047	0.0048	1.46E-02	9.40E-04	4.21E-08	6.93E-05	1.73E-04	1.28E-04	1.59E-02	7.10E-03	9.40E-04	4.21E-08	3.37E-05	8.42E-05	6.22E-05	8.22E-03
1647	495161.06, 3858801.99	0.0106	0.0047	0.0062	0.0106	0.0084	0.0213	0.0047	0.0047	1.44E-02	9.30E-04	4.15E-08	6.83E-05	1.71E-04	1.30E-04	1.57E-02	7.00E-03	9.30E-04	4.15E-08	3.33E-05	8.32E-05	6.34E-05	8.11E-03
1648	495211.06, 3858801.99	0.0105	0.0047	0.0061	0.0105	0.0083	0.022	0.0047	0.0047	1.42E-02	9.24E-04	4.11E-08	6.76E-05	1.70E-04	1.35E-04	1.55E-02	6.93E-03	9.24E-04	4.11E-08	3.29E-05	8.26E-05	6.55E-05	8.03E-03
1649	495261.06, 3858801.99	0.0104	0.0047	0.0061	0.0104	0.0083	0.0228	0.0046	0.0047	1.41E-02	9.20E-04	4.07E-08	6.72E-05	1.69E-04	1.40E-04	1.54E-02	6.89E-03	9.20E-04	4.07E-08	3.27E-05	8.24E-05	6.79E-05	7.99E-03
1650	495311.06, 3858801.99	0.0103	0.0047	0.006	0.0104	0.0083	0.0237	0.0046	0.0047	1.41E-02	9.16E-04	4.04E-08	6.67E-05	1.69E-04	1.45E-04	1.54E-02	6.85E-03	9.16E-04	4.04E-08	3.25E-05	8.23E-05	7.06E-05	7.95E-03
1651	495361.06, 3858801.99	0.0103	0.0046	0.006	0.0103	0.0083	0.0247	0.0046	0.0046	1.40E-02	9.12E-04	4.01E-08	6.62E-05	1.68E-04	1.51E-04	1.53E-02	6.80E-03	9.12E-04	4.01E-08	3.22E-05	8.19E-05	7.35E-05	7.90E-03
1652	495411.06, 3858801.99	0.0102	0.0046	0.0059	0.0103	0.0083	0.0259	0.0046	0.0046	1.39E-02	9.10E-04	3.99E-08	6.60E-05	1.69E-04	1.59E-04	1.52E-02	6.79E-03	9.10E-04	3.99E-08	3.21E-05	8.21E-05	7.72E-05	7.89E-03
1653	495461.06, 3858801.99	0.0102	0.0046	0.0059	0.0102	0.0082	0.0272	0.0046	0.0046	1.38E-02	9.06E-04	3.95E-08	6.55E-05	1.68E-04	1.66E-04	1.51E-02	6.73E-03	9.06E-04	3.95E-08	3.19E-05	8.17E-05	8.10E-05	7.83E-03
1654	495511.06, 3858801.99	0.0101	0.0046	0.0058	0.0101	0.0082	0.0286	0.0046	0.0046	1.37E-02	9.00E-04	3.91E-08	6.48E-05	1.67E-04	1.75E-04	1.50E-02	6.67E-03	9.00E-04	3.91E-08	3.16E-05	8.12E-05	8.52E-05	7.76E-03
1655	495561.06, 3858801.99	0.01	0.0046	0.0058	0.01	0.0081	0.0304	0.0045	0.0046	1.36E-02	8.96E-04	3.87E-08	6.43E-05	1.66E-04	1.86E-04	1.49E-02	6.61E-03	8.96E-04	3.87E-08	3.13E-05	8.07E-05	9.04E-05	7.71E-03
1656	495611.06, 3858801.99	0.0099	0.0045	0.0057	0.0099	0.0081	0.0325	0.0045	0.0045	1.34E-02	8.88E-04	3.83E-08	6.36E-05	1.64E-04	1.99E-04	1.48E-02	6.54E-03	8.88E-04	3.83E-08	3.09E-05	7.99E-05	9.67E-05	7.64E-03
1657	495661.06, 3858801.99	0.0098	0.0045	0.0057	0.0098	0.008	0.0354	0.0045	0.0045	1.33E-02	8.85E-04	3.80E-08	6.31E-05	1.64E-04	2.16E-04	1.47E-02	6.49E-03	8.85E-04	3.80E-08	3.07E-05	7.96E-05	1.05E-04	7.59E-03
1658	494311.06, 3858851.99	0.0129	0.0056	0.0076	0.0131	0.0095	0.0169	0.0055	0.0056	1.76E-02	1.10E-03	5.10E-08	8.42E-05	1.94E-04	1.04E-04	1.91E-02	8.56E-03	1.10E-03	5.10E-08	4.10E-05	9.43E-05	5.04E-05	9.84E-03
1659	494361.06, 3858851.99	0.013	0.0056	0.0076	0.0133	0.0098	0.0176	0.0056	0.0056	1.77E-02	1.11E-03	5.14E-08	8.57E-05	2.01E-04	1.08E-04	1.92E-02	8.63E-03	1.11E-03	5.14E-08	4.17E-05	9.77E-05	5.24E-05	9.94E-03
1660	494411.06, 3858851.99	0.0129	0.0056	0.0076	0.0132	0.0098	0.018	0.0056	0.0056	1.76E-02	1.11E-03	5.10E-08	8.51E-05	2.00E-04	1.10E-04	1.91E-02	8.57E-03	1.11E-03	5.10E-08	4.14E-05	9.75E-05	5.37E-05	9.87E-03
1661	494461.06, 3858851.99	0.0129	0.0056	0.0075	0.0132	0.0099	0.0185	0.0056	0.0056	1.75E-02	1.10E-03	5.07E-08	8.48E-05	2.01E-04	1.13E-04	1.90E-02	8.52E-03	1.10E-03	5.07E-08	4.13E-05	9.79E-05	5.52E-05	9.82E-03
1662	494511.06, 3858851.99	0.0128	0.0056	0.0076	0.0131	0.0099	0.0191	0.0056	0.0056	1.74E-02	1.10E-03	5.12E-08	8.44E-05	2.02E-04	1.17E-04	1.89E-02	8.46E-03	1.10E-03	5.12E-08	4.11E-05	9.81E-05	5.68E-05	9.75E-03
1663	494561.06, 3858851.99	0.0127	0.0056	0.0075	0.013	0.0098	0.0196	0.0055	0.0056	1.72E-02	1.09E-03	5.07E-08	8.36E-05	2.01E-04	1.20E-04	1.87E-02	8.38E-03	1.09E-03	5.07E-08	4.07E-05	9.77E-05	5.84E-05	9.67E-03
1664	494611.06, 3858851.99	0.0125	0.0055	0.0074	0.0128	0.0097	0.0201	0.0055	0.0055	1.70E-02	1.08E-03	5.00E-08	8.25E-05	1.99E-04	1.23E-04	1.85E-02	8.30E-03	1.08E-03	5.00E-08	4.01E-05	9.67E-05	5.99E-05	9.58E-03
1665	494661.06, 3858851.99	0.0124	0.0054	0.0073	0.0126	0.0096	0.0206	0.0054	0.0054	1.68E-02	1.07E-03	4.92E-08	8.12E-05	1.96E-04	1.26E-04	1.83E-02	8.20E-03	1.07E-03	4.92E-08	3.95E-05	9.54E-05	6.15E-05	9.46E-03
1666	494711.06, 3858851.99	0.0122	0.0053	0.0072	0.0124	0.0094	0.0212	0.0053	0.0053	1.66E-02	1.05E-03	4.82E-08	7.95E-05	1.92E-04	1.29E-04	1.80E-02	8.06E-03	1.05E-03	4.82E-08	3.87E-05	9.35E-05	6.30E-05	9.31E-03
1667	494761.06, 3858851.99	0.012	0.0053	0.007	0.0121	0.0092	0.0216	0.0052	0.0053	1.63E-02	1.04E-03	4.73E-08	7.79E-05	1.88E-04	1.32E-04	1.77E-02	7.93E-03	1.04E-03	4.73E-08	3.79E-05	9.16E-05	6.44E-05	9.16E-03
1668	494811.06, 3858851.99	0.0118	0.0052	0.0069	0.0119	0.0091	0.0219	0.0052	0.0052	1.61E-02	1.02E-03	4.65E-08	7.65E-05	1.85E-04	1.34E-04	1.75E-02	7.81E-03	1.02E-03	4.65E-08	3.73E-05	9.02E-05	6.52E-05	9.03E-03
1669	494861.06, 3858851.99	0.0117	0.0052	0.0068	0.0117	0.009	0.0222	0.0051	0.0052	1.59E-02	1.01E-03	4.59E-08	7.55E-05	1.84E-04	1.36E-04	1.73E-02	7.73E-03	1.01E-03	4.59E-08	3.68E-05	8.93E-05	6.60E-05	8.93E-03
1670	494911.06, 3858851.99	0.0115	0.0051	0.0067	0.0116	0.0089	0.0224	0.0051	0.0051	1.56E-02	1.00E-03	4.51E-08	7.43E-05	1.81E-04	1.37E-04	1.70E-02	7.61E-03	1.00E-03	4.51E-08	3.62E-05	8.81E-05	6.66E-05	8.81E-03

1671	494961.06, 3858851.99	0.0113	0.005	0.0066	0.0114	0.0088	0.0227	0.005	0.005	1.54E-02	9.91E-04	4.44E-08	7.32E-05	1.78E-04	1.39E-04	1.68E-02	7.51E-03	9.91E-04	4.44E-08	3.56E-05	8.69E-05	6.76E-05	8.69E-03
1672	495011.06, 3858851.99	0.0112	0.005	0.0065	0.0112	0.0087	0.0231	0.005	0.005	1.52E-02	9.81E-04	4.38E-08	7.22E-05	1.77E-04	1.42E-04	1.66E-02	7.42E-03	9.81E-04	4.38E-08	3.52E-05	8.61E-05	6.89E-05	8.59E-03
1673	495061.06, 3858851.99	0.011	0.0049	0.0064	0.0111	0.0086	0.0235	0.0049	0.0049	1.50E-02	9.71E-04	4.32E-08	7.12E-05	1.75E-04	1.44E-04	1.64E-02	7.31E-03	9.71E-04	4.32E-08	3.47E-05	8.50E-05	7.01E-05	8.47E-03
1674	495111.06, 3858851.99	0.0108	0.0049	0.0063	0.0108	0.0084	0.0238	0.0048	0.0049	1.47E-02	9.55E-04	4.23E-08	6.96E-05	1.71E-04	1.45E-04	1.60E-02	7.14E-03	9.55E-04	4.23E-08	3.39E-05	8.30E-05	7.08E-05	8.29E-03
1675	495161.06, 3858851.99	0.0106	0.0048	0.0062	0.0107	0.0083	0.0244	0.0048	0.0048	1.45E-02	9.46E-04	4.17E-08	6.86E-05	1.68E-04	1.50E-04	1.58E-02	7.04E-03	9.46E-04	4.17E-08	3.34E-05	8.20E-05	7.28E-05	8.18E-03
1676	495211.06, 3858851.99	0.0106	0.0048	0.0062	0.0106	0.0083	0.0255	0.0048	0.0048	1.44E-02	9.44E-04	4.14E-08	6.83E-05	1.69E-04	1.56E-04	1.58E-02	7.02E-03	9.44E-04	4.14E-08	3.33E-05	8.22E-05	7.59E-05	8.15E-03
1677	495261.06, 3858851.99	0.0105	0.0048	0.0061	0.0105	0.0083	0.0265	0.0047	0.0048	1.43E-02	9.40E-04	4.11E-08	6.78E-05	1.68E-04	1.62E-04	1.57E-02	6.97E-03	9.40E-04	4.11E-08	3.30E-05	8.20E-05	7.89E-05	8.11E-03
1678	495311.06, 3858851.99	0.0105	0.0048	0.0061	0.0105	0.0083	0.0277	0.0047	0.0048	1.43E-02	9.36E-04	4.08E-08	6.75E-05	1.68E-04	1.69E-04	1.56E-02	6.94E-03	9.36E-04	4.08E-08	3.28E-05	8.20E-05	8.23E-05	8.07E-03
1679	495361.06, 3858851.99	0.0104	0.0047	0.006	0.0104	0.0082	0.0289	0.0047	0.0047	1.42E-02	9.32E-04	4.05E-08	6.70E-05	1.68E-04	1.77E-04	1.55E-02	6.90E-03	9.32E-04	4.05E-08	3.26E-05	8.18E-05	8.61E-05	8.03E-03
1680	495411.06, 3858851.99	0.0103	0.0047	0.006	0.0104	0.0082	0.0303	0.0047	0.0047	1.41E-02	9.28E-04	4.01E-08	6.66E-05	1.68E-04	1.85E-04	1.54E-02	6.85E-03	9.28E-04	4.01E-08	3.24E-05	8.16E-05	9.02E-05	7.98E-03
1681	495461.06, 3858851.99	0.0103	0.0047	0.0059	0.0103	0.0082	0.0319	0.0047	0.0047	1.40E-02	9.24E-04	3.99E-08	6.61E-05	1.67E-04	1.95E-04	1.53E-02	6.81E-03	9.24E-04	3.99E-08	3.22E-05	8.15E-05	9.51E-05	7.95E-03
1682	495511.06, 3858851.99	0.0102	0.0047	0.0059	0.0102	0.0082	0.0338	0.0046	0.0047	1.39E-02	9.18E-04	3.94E-08	6.55E-05	1.67E-04	2.07E-04	1.53E-02	6.78E-03	9.18E-04	3.94E-08	3.19E-05	8.11E-05	1.01E-04	7.91E-03
1683	495561.06, 3858851.99	0.0101	0.0046	0.0058	0.0101	0.0081	0.0357	0.0046	0.0046	1.37E-02	9.12E-04	3.90E-08	6.48E-05	1.65E-04	2.19E-04	1.51E-02	6.67E-03	9.12E-04	3.90E-08	3.15E-05	8.02E-05	1.06E-04	7.80E-03
1684	495611.06, 3858851.99	0.01	0.0046	0.0057	0.01	0.008	0.0384	0.0046	0.0046	1.36E-02	9.04E-04	3.85E-08	6.40E-05	1.63E-04	2.35E-04	1.49E-02	6.60E-03	9.04E-04	3.85E-08	3.12E-05	7.95E-05	1.14E-04	7.73E-03
1685	495661.06, 3858851.99	0.0099	0.0046	0.0057	0.0099	0.008	0.0423	0.0046	0.0046	1.35E-02	9.00E-04	3.82E-08	6.36E-05	1.63E-04	2.59E-04	1.49E-02	6.56E-03	9.00E-04	3.82E-08	3.10E-05	7.93E-05	1.26E-04	7.70E-03
1686	494311.06, 3858901.99	0.0131	0.0058	0.0078	0.0133	0.0096	0.0179	0.0057	0.0058	1.78E-02	1.13E-03	5.22E-08	8.58E-05	1.95E-04	1.10E-04	1.93E-02	8.67E-03	1.13E-03	5.22E-08	4.18E-05	9.48E-05	5.34E-05	9.99E-03
1687	494361.06, 3858901.99	0.0131	0.0058	0.0078	0.0135	0.0098	0.0186	0.0058	0.0058	1.79E-02	1.14E-03	5.25E-08	8.68E-05	2.00E-04	1.14E-04	1.94E-02	8.69E-03	1.14E-03	5.25E-08	4.23E-05	9.73E-05	5.55E-05	1.00E-02
1688	494411.06, 3858901.99	0.013	0.0058	0.0077	0.0135	0.0098	0.0192	0.0057	0.0058	1.78E-02	1.14E-03	5.21E-08	8.65E-05	2.01E-04	1.18E-04	1.93E-02	8.64E-03	1.14E-03	5.21E-08	4.21E-05	9.77E-05	5.72E-05	9.98E-03
1689	494461.06, 3858901.99	0.013	0.0058	0.0078	0.0134	0.0099	0.0199	0.0057	0.0058	1.76E-02	1.14E-03	5.28E-08	8.64E-05	2.02E-04	1.22E-04	1.92E-02	8.58E-03	1.14E-03	5.28E-08	4.20E-05	9.82E-05	5.93E-05	9.92E-03
1690	494511.06, 3858901.99	0.0129	0.0058	0.0078	0.0134	0.0099	0.0206	0.0057	0.0058	1.75E-02	1.13E-03	5.23E-08	8.59E-05	2.02E-04	1.26E-04	1.91E-02	8.52E-03	1.13E-03	5.23E-08	4.18E-05	9.82E-05	6.14E-05	9.86E-03
1691	494561.06, 3858901.99	0.0127	0.0057	0.0077	0.0132	0.0098	0.0213	0.0057	0.0057	1.73E-02	1.12E-03	5.16E-08	8.47E-05	2.00E-04	1.30E-04	1.89E-02	8.44E-03	1.12E-03	5.16E-08	4.12E-05	9.72E-05	6.35E-05	9.76E-03
1692	494611.06, 3858901.99	0.0126	0.0056	0.0075	0.0129	0.0096	0.022	0.0056	0.0056	1.71E-02	1.10E-03	5.05E-08	8.30E-05	1.96E-04	1.34E-04	1.86E-02	8.32E-03	1.10E-03	5.05E-08	4.04E-05	9.53E-05	6.54E-05	9.62E-03
1693	494661.06, 3858901.99	0.0124	0.0056	0.0074	0.0127	0.0095	0.0228	0.0055	0.0056	1.69E-02	1.09E-03	4.98E-08	8.19E-05	1.94E-04	1.40E-04	1.84E-02	8.23E-03	1.09E-03	4.98E-08	3.99E-05	9.44E-05	6.80E-05	9.53E-03
1694	494711.06, 3858901.99	0.0122	0.0055	0.0073	0.0125	0.0093	0.0237	0.0054	0.0055	1.67E-02	1.08E-03	4.88E-08	8.03E-05	1.90E-04	1.45E-04	1.82E-02	8.11E-03	1.08E-03	4.88E-08	3.91E-05	9.26E-05	7.06E-05	9.39E-03
1695	494761.06, 3858901.99	0.012	0.0054	0.0071	0.0122	0.0091	0.0245	0.0053	0.0054	1.64E-02	1.06E-03	4.77E-08	7.85E-05	1.86E-04	1.50E-04	1.79E-02	7.98E-03	1.06E-03	4.77E-08	3.82E-05	9.06E-05	7.30E-05	9.24E-03
1696	494811.06, 3858901.99	0.0119	0.0053	0.007	0.012	0.009	0.0253	0.0053	0.0053	1.62E-02	1.05E-03	4.70E-08	7.74E-05	1.84E-04	1.54E-04	1.77E-02	7.88E-03	1.05E-03	4.70E-08	3.77E-05	8.95E-05	7.52E-05	9.13E-03
1697	494861.06, 3858901.99	0.0118	0.0053	0.0069	0.0119	0.0089	0.0257	0.0052	0.0053	1.60E-02	1.04E-03	4.64E-08	7.64E-05	1.82E-04	1.57E-04	1.75E-02	7.79E-03	1.04E-03	4.64E-08	3.72E-05	8.88E-05	7.66E-05	9.03E-03
1698	494911.06, 3858901.99	0.0116	0.0052	0.0068	0.0116	0.0087	0.0258	0.0052	0.0052	1.57E-02	1.02E-03	4.55E-08	7.47E-05	1.78E-04	1.58E-04	1.72E-02	7.65E-03	1.02E-03	4.55E-08	3.64E-05	8.68E-05	7.69E-05	8.87E-03
1699	494961.06, 3858901.99	0.0114	0.0051	0.0067	0.0115	0.0087	0.0265	0.0051	0.0051	1.55E-02	1.01E-03	4.48E-08	7.37E-05	1.76E-04	1.62E-04	1.70E-02	7.56E-03	1.01E-03	4.48E-08	3.59E-05	8.59E-05	7.88E-05	8.77E-03
1700	495011.06, 3858901.99	0.0113	0.0051	0.0066	0.0113	0.0086	0.0272	0.0051	0.0051	1.53E-02	1.00E-03	4.41E-08	7.27E-05	1.75E-04	1.66E-04	1.67E-02	7.46E-03	1.00E-03	4.41E-08	3.54E-05	8.50E-05	8.09E-05	8.66E-03
1701	495061.06, 3858901.99	0.0111	0.005	0.0064	0.0111	0.0084	0.0277	0.005	0.005	1.51E-02	9.87E-04	4.34E-08	7.14E-05	1.72E-04	1.70E-04	1.65E-02	7.34E-03	9.87E-04	4.34E-08	3.48E-05	8.36E-05	8.26E-05	8.53E-03
1702	495111.06, 3858901.99	0.0108	0.0049	0.0063	0.0109	0.0082	0.0282	0.0049	0.0049	1.47E-02	9.71E-04	4.24E-08	6.98E-05	1.68E-04	1.73E-04	1.61E-02	7.18E-03	9.71E-04	4.24E-08	3.40E-05	8.16E-05	8.41E-05	8.35E-03
1703	495161.06, 3858901.99	0.0107	0.0049	0.0062	0.0107	0.0082	0.0294	0.0049	0.0049	1.46E-02	9.63E-04	4.20E-08	6.91E-05	1.67E-04	1.80E-04	1.60E-02	7.10E-03	9.63E-04	4.20E-08	3.36E-05	8.11E-05	8.74E-05	8.27E-03
1704	495211.06, 3858901.99	0.0107	0.0049	0.0062	0.0107	0.0082	0.0309	0.0049	0.0049	1.46E-02	9.63E-04	4.17E-08	6.90E-05	1.68E-04	1.89E-04	1.60E-02	7.10E-03	9.63E-04	4.17E-08	3.36E-05	8.16E-05	9.21E-05	8.27E-03
1705	495261.06, 3858901.99	0.0107	0.0049	0.0062	0.0107	0.0082	0.0324	0.0048	0.0049	1.45E-02	9.59E-04	4.14E-08	6.86E-05	1.68E-04	1.98E-04	1.59E-02	7.06E-03	9.59E-04	4.14E-08	3.34E-05	8.16E-05	9.63E-05	8.23E-03
1706	495311.06, 3858901.99	0.0106	0.0048	0.0061	0.0106	0.0082	0.0338	0.0048	0.0048	1.44E-02	9.53E-04	4.10E-08	6.81E-05	1.67E-04	2.07E-04	1.58E-02	7.01E-03	9.53E-04	4.10E-08	3.31E-05	8.14E-05	1.01E-04	8.18E-03
1707	495361.06, 3858901.99	0.0105	0.0048	0.006	0.0105	0.0082	0.0354	0.0048	0.0048	1.43E-02	9.50E-04	4.07E-08	6.76E-05	1.67E-04	2.16E-04	1.57E-02	6.96E-03	9.50E-04	4.07E-08	3.29E-05	8.12E-05	1.05E-04	8.13E-03
1708	495411.06, 3858901.99	0.0105	0.0048	0.006	0.0105	0.0082	0.0372	0.0048	0.0048	1.42E-02	9.48E-04	4.04E-08	6.73E-05	1.67E-04	2.28E-04	1.57E-02	6.93E-03	9.48E-04	4.04E-08	3.28E-05	8.13E-05	1.11E-04	8.10E-03
1709	495461.06, 3858901.99	0.0104	0.0048	0.006	0.0104	0.0082	0.0391	0.0048	0.0048	1.41E-02	9.42E-04	4.01E-08	6.68E-05	1.66E-04	2.39E-04	1.55E-02	6.88E-03	9.42E-04	4.01E-08	3.25E-05	8.10E-05	1.16E-04	8.05E-03
1710	495511.06, 3858901.99	0.0103	0.0048	0.0059	0.0103	0.0081	0.0412	0.0047	0.0048	1.40E-02	9.36E-04	3.96E-08	6.60E-05	1.65E-04	2.52E-04	1.54E-02	6.81E-03	9.36E-04	3.96E-08	3.21E-05	8.04E-05	1.23E-04	7.98E-03
1711	495561.06, 3858901.99	0.0102	0.0047	0.0058	0.0102	0.0081	0.0439	0.0047	0.0047	1.39E-02	9.30E-04	3.92E-08	6.54E-05	1.64E-04	2.68E-04	1.53E-02	6.75E-03	9.30E-04	3.92E-08	3.18E-05	7.99E-05	1.31E-04	7.92E-03
1712	495611.06, 3858901.99	0.0101	0.0047	0.0058	0.0101	0.008	0.0473	0.0047	0.0047	1.37E-02	9.22E-04	3.87E-08	6.46E-05	1.63E-04	2.89E-04	1.51E-02	6.67E-03	9.22E-04	3.87E-08	3.15E-05	7.92E-05	1.41E-04	7.84E-03
1713	495661.06, 3858901.99	0.01	0.0047	0.0057	0.01	0.008	0.0527	0.0046	0.0047	1.36E-02	9.20E-04	3.84E-08	6.43E-05	1.63E-04	3.23E-04	1.51E-02	6.63E-03	9.20E-04	3.84E-08	3.13E-05	7.91E-05	1.57E-04	7.82E-03
1714	494311.06, 3858951.99	0.0133	0.006	0.008	0.0137	0.0097	0.0191	0.0059	0.006	1.81E-02	1.18E-03	5.38E-08	8.84E-05	1.98E-04	1.17E-04	1.96E-02	8.79E-03	1.18E-03	5.38E-08	4.30E-05	9.66E-05	5.68E-05	1.02E-02
1715	494361.06, 3858951.99	0.0132	0.006	0.008	0.0138	0.0098	0.0198	0.0059	0.006	1.80E-02	1.18E-03	5.37E-08	8.85E-05	2.01E-04	1.21E-04	1.96E-02	8.75E-03	1.18E-03	5.37E-08	4.31E-05	9.77E-05	5.89E-05	1.01E-02
1716	494411.06, 3858951.99	0.0131	0.0059	0.0079	0.0136	0.0098	0.0204	0.0059	0.0059	1.78E-02	1.17E-03	5.30E-08	8.76E-05	1.99E-04	1.25E-04	1.94E-02	8.67E-03	1.17E-03	5.30E-08	4.26E-05	9.71E-05	6.08E-05	1.00E-02
1717	494461.06, 3858951.99	0.013	0.0059	0.008	0.0136	0.0098	0.0213	0.0059	0.0059	1.77E-02	1.17E-03	5.36E-08	8.75E-05	2.01E-04	1.31E-04	1.93E-02	8.61E-03	1.17E-03	5.36E-08	4.26E-05	9.77E-05	6.35E-05	9.99E-03
1718	494511.06, 3858951.99	0.0129	0.0059	0.0079	0.0135	0.0098	0.0222	0.0058	0.0059	1.76E-02	1.16E-03	5.30E-08	8.68E-05	2.00E-04	1.36E-04	1.91E-02	8.55E-03	1.16E-03	5.30E-08	4.22E-05	9.73E-05	6.62E-05	9.91E-03
1719	494561.06, 3858951.99	0.0128	0.0058	0.0078	0.0133	0.0097	0.0233	0.0058	0.0058	1.74E-02	1.15E-03	5.22E-08	8.56E-05	1.98E-04	1.42E-04	1.90E-02	8.46E-03	1.15E-03	5.22E-08	4.17E-05	9.63E-05	6.93E-05	9.82E-03
1720	494611.06, 3858951.99	0.0126	0.0058	0.0076	0.0131	0.0096	0.0244	0.0057	0.0058	1.72E-02	1.13E-03	5.12E-08	8.41E-05	1.95E-04	1.49E-04	1.87E-02	8.36E-03	1.13E-03	5.12E-08	4.09E-05	9.48E-05	7.26E-05	9.70E-03
1721	494661.06, 3858951.99	0.0125	0.0057	0.0075	0.0129	0.0094	0.0257	0.0056	0.0057	1.70E-02	1.12E-03	5.03E-08	8.27E-05	1.92E-04	1.57E-04	1.85E-02	8.26E-03	1.12E-03	5.03E-08	4.02E-05	9.34E-05	7.65E-05	9.58E-03
1722	494711.06, 3858951.99	0.0123	0.0056	0.0073	0.0126	0.0092	0.027	0.0055	0.0056	1.67E-02	1.10E-03	4.91E-08	8.08E-05	1.88E-04	1.65E-04	1.82E-02	8.13E-03	1.10E-03	4.91E-08	3.93E-05	9.14E-05	8.05E-05	9.44E-03
1723	494761.06, 3858951.99	0.0121	0.0055	0.0072	0.0123	0.0091	0.0286	0.0055	0.0055	1.65E-02	1.08E-03	4.82E-08	7.94E-05	1.85E-04	1.75E-04	1.80E-02	8.03E-03	1.08E-03	4.82E-08	3.86E-05	8.99E-05	8.53E-05	9.32E-03
1724	494811.06, 3858951.99	0.012	0.0055	0.0071	0.0122	0.009	0.0302	0.0054	0.0055	1.63E-02	1.07E-03	4.75E-08	7.83E-05	1.83E-04	1.85E-04	1.78E-02	7.94E-03	1.07E-03	4.75E-08	3.81E-05	8.90E-05	8.99E-05	9.23E-03
1725	494861.06, 3858951.99	0.0118	0.0054	0.007	0.012	0.0089	0.0311	0.0054	0.0054	1.61E-02	1.06E-03	4.68E-08	7.72E-05	1.81E-04	1.90E-04	1.76E-02	7.85E-03	1.06E-03	4.68E-08	3.76E-05	8.81E-05	9.26E-05	9.13E-03
1726	494911.06, 3858951.99	0.0117	0.0053	0.0068	0.0118	0.0087	0.0319	0.0053	0.0053	1.59E-02	1.05E-03	4.60E-08	7.58E-05	1.78E-04	1.95E-04	1.74E-02	7.73E-03	1.05E-03	4.60E-08	3.69E-05	8.67E-05	9.50E-05	9.00E-03
1727	494961.06, 3858951.99	0.0116	0.0053	0.0067	0.0117	0.0087	0.0333	0.0052	0.0053	1.57E-02	1.04E-03	4.54E-08	7.49E-05	1.77E-04	2.04E-04	1.72E-02	7.66E-03	1.04E-03	4.54E-08	3.65E-05	8.60E-05	9.92E-05	8.92E-03
1728	495011.06, 3858951.99	0.0113	0.0052	0.0066	0.0114	0.0084	0.0338	0.0052	0.0052	1.54E-02	1.02E-03	4.43E-08	7.31E-05	1.72E-04	2.07E-04	1.69E-02	7.49E-03	1.02E-03	4.43E-08	3.56E-05	8.37E-05	1.01E-04	8.73E-03
1729	495061.06, 3858951.99	0.0111	0.0051	0.0064	0.0111	0.0082	0.0346	0.0051	0.0051	1.51E-02	1.00E-03	4.33E-08	7.13E-05	1.68E-04	2.12E-04	1.65E-02	7.34E-03	1.00E-03	4.33E-08	3.47E-05	8.16E-05	1.03E-04	8.56E-03
1730	495111.06, 3858951.99	0.0109	0.005	0.0063	0.0109	0.0081	0.0358	0.005	0.005	1.48E-02	9.87E-04	4.25E-08	7.00E-05	1.65E-04	2.19E-04	1.62E-02	7.20E-03	9.87E-04	4.25E-08	3.41E-05	8.01E-05	1.06E-04	8.41E-03
1731	495161.06, 3858951.99	0.0109	0.005	0.0063	0.0109	0.0082	0.0383	0.005	0.005	1.48E-02	9.89E-04	4.24E-08	7.01E-05	1.66E-04	2.34E-04	1.63E-02	7.21E-03	9.89E-04	4.24E-08	3.41E-05	8.10E-05	1.14E-04	8.43E-03
1732	495211.06, 3858951.99	0.0108	0.005	0.0062	0.0108	0.0082	0.0404	0.005	0.005	1.47E-02	9.85E-04	4.20E-08	6.97E-05	1.67E-04	2.47E-04	1.62E-02	7.17E-03	9.85E-04	4.20E-08	3.39E-05	8.11E-05	1.20E-04	8.39E-03

1733	495261.06, 3858951.99	0.0108	0.005	0.0062	0.0108	0.0082	0.0425	0.005	0.005	1.46E-02	9.79E-04	4.17E-08	6.93E-05	1.67E-04	2.60E-04	1.61E-02	7.13E-03	9.79E-04	4.17E-08	3.38E-05	8.11E-05	1.27E-04	8.35E-03
1734	495311.06, 3858951.99	0.0106	0.0049	0.0061	0.0107	0.0081	0.0441	0.0049	0.0049	1.45E-02	9.71E-04	4.11E-08	6.85E-05	1.65E-04	2.70E-04	1.60E-02	7.05E-03	9.71E-04	4.11E-08	3.33E-05	8.04E-05	1.31E-04	8.27E-03
1735	495361.06, 3858951.99	0.0106	0.0049	0.0061	0.0106	0.0081	0.0463	0.0049	0.0049	1.44E-02	9.69E-04	4.09E-08	6.82E-05	1.65E-04	2.84E-04	1.59E-02	7.02E-03	9.69E-04	4.09E-08	3.32E-05	8.05E-05	1.38E-04	8.24E-03
1736	495411.06, 3858951.99	0.0106	0.0049	0.006	0.0106	0.0081	0.0488	0.0049	0.0049	1.44E-02	9.65E-04	4.06E-08	6.79E-05	1.66E-04	2.98E-04	1.59E-02	6.99E-03	9.65E-04	4.06E-08	3.31E-05	8.07E-05	1.45E-04	8.22E-03
1737	495461.06, 3858951.99	0.0105	0.0049	0.006	0.0105	0.0081	0.0511	0.0049	0.0049	1.43E-02	9.61E-04	4.03E-08	6.74E-05	1.65E-04	3.12E-04	1.58E-02	6.94E-03	9.61E-04	4.03E-08	3.28E-05	8.05E-05	1.52E-04	8.17E-03
1738	495511.06, 3858951.99	0.0104	0.0049	0.0059	0.0104	0.0081	0.054	0.0048	0.0049	1.42E-02	9.57E-04	3.99E-08	6.71E-05	1.65E-04	3.30E-04	1.57E-02	6.91E-03	9.57E-04	3.99E-08	3.27E-05	8.05E-05	1.61E-04	8.14E-03
1739	495561.06, 3858951.99	0.0103	0.0048	0.0058	0.0103	0.008	0.0567	0.0048	0.0048	1.40E-02	9.48E-04	3.93E-08	6.61E-05	1.63E-04	3.47E-04	1.55E-02	6.81E-03	9.48E-04	3.93E-08	3.22E-05	7.95E-05	1.69E-04	8.03E-03
1740	495611.06, 3858951.99	0.0102	0.0048	0.0058	0.0102	0.008	0.0613	0.0048	0.0048	1.38E-02	9.40E-04	3.89E-08	6.53E-05	1.62E-04	3.75E-04	1.54E-02	6.73E-03	9.40E-04	3.89E-08	3.18E-05	7.89E-05	1.82E-04	7.97E-03
1741	495661.06, 3858951.99	0.0101	0.0048	0.0057	0.0101	0.008	0.0692	0.0047	0.0048	1.38E-02	9.38E-04	3.87E-08	6.50E-05	1.62E-04	4.23E-04	1.54E-02	6.71E-03	9.38E-04	3.87E-08	3.17E-05	7.89E-05	2.06E-04	7.96E-03
1742	494311.06, 3859001.99	0.0133	0.0062	0.0082	0.014	0.0098	0.0201	0.0061	0.0062	1.82E-02	1.22E-03	5.50E-08	9.03E-05	1.99E-04	1.23E-04	1.98E-02	8.84E-03	1.22E-03	5.50E-08	4.40E-05	9.71E-05	6.00E-05	1.03E-02
1743	494361.06, 3859001.99	0.0133	0.0061	0.0081	0.014	0.0098	0.0209	0.0061	0.0061	1.80E-02	1.21E-03	5.45E-08	8.98E-05	2.00E-04	1.28E-04	1.97E-02	8.78E-03	1.21E-03	5.45E-08	4.37E-05	9.72E-05	6.21E-05	1.02E-02
1744	494411.06, 3859001.99	0.0131	0.0061	0.0082	0.0139	0.0098	0.0218	0.0061	0.0061	1.79E-02	1.21E-03	5.49E-08	8.94E-05	2.00E-04	1.33E-04	1.95E-02	8.71E-03	1.21E-03	5.49E-08	4.35E-05	9.73E-05	6.49E-05	1.01E-02
1745	494461.06, 3859001.99	0.013	0.0061	0.0081	0.0138	0.0098	0.0228	0.006	0.0061	1.77E-02	1.20E-03	5.43E-08	8.86E-05	1.99E-04	1.39E-04	1.94E-02	8.63E-03	1.20E-03	5.43E-08	4.31E-05	9.70E-05	6.79E-05	1.00E-02
1746	494511.06, 3859001.99	0.0129	0.006	0.008	0.0137	0.0097	0.024	0.006	0.006	1.76E-02	1.19E-03	5.36E-08	8.79E-05	1.99E-04	1.47E-04	1.92E-02	8.56E-03	1.19E-03	5.36E-08	4.28E-05	9.67E-05	7.15E-05	9.96E-03
1747	494561.06, 3859001.99	0.0128	0.006	0.0078	0.0134	0.0096	0.0254	0.0059	0.006	1.74E-02	1.17E-03	5.26E-08	8.63E-05	1.96E-04	1.56E-04	1.90E-02	8.47E-03	1.17E-03	5.26E-08	4.20E-05	9.53E-05	7.58E-05	9.86E-03
1748	494611.06, 3859001.99	0.0126	0.0059	0.0077	0.0132	0.0095	0.0272	0.0058	0.0059	1.72E-02	1.16E-03	5.16E-08	8.49E-05	1.93E-04	1.67E-04	1.88E-02	8.38E-03	1.16E-03	5.16E-08	4.13E-05	9.40E-05	8.11E-05	9.75E-03
1749	494661.06, 3859001.99	0.0125	0.0058	0.0075	0.0129	0.0093	0.0294	0.0058	0.0058	1.70E-02	1.14E-03	5.06E-08	8.32E-05	1.90E-04	1.80E-04	1.86E-02	8.27E-03	1.14E-03	5.06E-08	4.05E-05	9.23E-05	8.75E-05	9.63E-03
1750	494711.06, 3859001.99	0.0123	0.0057	0.0073	0.0127	0.0091	0.0318	0.0057	0.0057	1.67E-02	1.12E-03	4.94E-08	8.14E-05	1.86E-04	1.95E-04	1.83E-02	8.15E-03	1.12E-03	4.94E-08	3.96E-05	9.03E-05	9.48E-05	9.50E-03
1751	494761.06, 3859001.99	0.0122	0.0056	0.0072	0.0125	0.009	0.0349	0.0056	0.0056	1.66E-02	1.11E-03	4.86E-08	8.01E-05	1.83E-04	2.13E-04	1.81E-02	8.06E-03	1.11E-03	4.86E-08	3.90E-05	8.92E-05	1.04E-04	9.40E-03
1752	494811.06, 3859001.99	0.0121	0.0056	0.0071	0.0123	0.0089	0.0382	0.0056	0.0056	1.64E-02	1.10E-03	4.80E-08	7.93E-05	1.82E-04	2.34E-04	1.80E-02	7.99E-03	1.10E-03	4.80E-08	3.86E-05	8.87E-05	1.14E-04	9.33E-03
1753	494861.06, 3859001.99	0.0119	0.0055	0.007	0.0121	0.0088	0.0402	0.0055	0.0055	1.62E-02	1.09E-03	4.71E-08	7.80E-05	1.80E-04	2.46E-04	1.78E-02	7.89E-03	1.09E-03	4.71E-08	3.80E-05	8.75E-05	1.20E-04	9.22E-03
1754	494911.06, 3859001.99	0.0118	0.0055	0.0069	0.0119	0.0087	0.0423	0.0054	0.0055	1.60E-02	1.07E-03	4.63E-08	7.67E-05	1.77E-04	2.59E-04	1.76E-02	7.79E-03	1.07E-03	4.63E-08	3.73E-05	8.62E-05	1.26E-04	9.11E-03
1755	494961.06, 3859001.99	0.0116	0.0054	0.0068	0.0117	0.0086	0.0448	0.0053	0.0054	1.58E-02	1.06E-03	4.55E-08	7.53E-05	1.74E-04	2.74E-04	1.73E-02	7.67E-03	1.06E-03	4.55E-08	3.67E-05	8.49E-05	1.33E-04	8.99E-03
1756	495011.06, 3859001.99	0.0112	0.0052	0.0065	0.0113	0.0082	0.0453	0.0052	0.0052	1.53E-02	1.03E-03	4.39E-08	7.25E-05	1.66E-04	2.77E-04	1.68E-02	7.45E-03	1.03E-03	4.39E-08	3.53E-05	8.10E-05	1.35E-04	8.73E-03
1757	495061.06, 3859001.99	0.0111	0.0052	0.0064	0.0111	0.0081	0.0484	0.0052	0.0052	1.51E-02	1.02E-03	4.34E-08	7.17E-05	1.65E-04	2.96E-04	1.67E-02	7.37E-03	1.02E-03	4.34E-08	3.49E-05	8.05E-05	1.44E-04	8.65E-03
1758	495111.06, 3859001.99	0.0109	0.0051	0.0063	0.0109	0.008	0.0506	0.0051	0.0051	1.49E-02	1.01E-03	4.26E-08	7.04E-05	1.62E-04	3.09E-04	1.64E-02	7.24E-03	1.01E-03	4.26E-08	3.43E-05	7.90E-05	1.51E-04	8.51E-03
1759	495161.06, 3859001.99	0.011	0.0051	0.0063	0.011	0.0081	0.0557	0.0051	0.0051	1.49E-02	1.01E-03	4.26E-08	7.08E-05	1.65E-04	3.40E-04	1.65E-02	7.28E-03	1.01E-03	4.26E-08	3.45E-05	8.04E-05	1.66E-04	8.57E-03
1760	495211.06, 3859001.99	0.0109	0.0051	0.0063	0.0109	0.0081	0.0589	0.0051	0.0051	1.48E-02	1.00E-03	4.22E-08	7.02E-05	1.65E-04	3.60E-04	1.64E-02	7.22E-03	1.00E-03	4.22E-08	3.42E-05	8.03E-05	1.75E-04	8.52E-03
1761	495261.06, 3859001.99	0.0108	0.0051	0.0062	0.0109	0.0081	0.0622	0.0051	0.0051	1.48E-02	1.00E-03	4.19E-08	6.99E-05	1.65E-04	3.81E-04	1.64E-02	7.18E-03	1.00E-03	4.19E-08	3.40E-05	8.04E-05	1.85E-04	8.48E-03
1762	495311.06, 3859001.99	0.0108	0.0051	0.0062	0.0108	0.0081	0.0648	0.005	0.0051	1.46E-02	9.95E-04	4.15E-08	6.93E-05	1.65E-04	3.96E-04	1.63E-02	7.12E-03	9.95E-04	4.15E-08	3.38E-05	8.01E-05	1.93E-04	8.43E-03
1763	495361.06, 3859001.99	0.0107	0.005	0.0061	0.0107	0.0081	0.0677	0.005	0.005	1.46E-02	9.91E-04	4.11E-08	6.90E-05	1.65E-04	4.14E-04	1.62E-02	7.08E-03	9.91E-04	4.11E-08	3.36E-05	8.02E-05	2.02E-04	8.39E-03
1764	495411.06, 3859001.99	0.0106	0.005	0.0061	0.0107	0.0081	0.0703	0.005	0.005	1.45E-02	9.87E-04	4.08E-08	6.86E-05	1.65E-04	4.30E-04	1.61E-02	7.04E-03	9.87E-04	4.08E-08	3.34E-05	8.01E-05	2.09E-04	8.35E-03
1765	495461.06, 3859001.99	0.0106	0.005	0.006	0.0106	0.0081	0.0732	0.005	0.005	1.44E-02	9.83E-04	4.05E-08	6.82E-05	1.65E-04	4.48E-04	1.60E-02	7.00E-03	9.83E-04	4.05E-08	3.32E-05	8.01E-05	2.18E-04	8.31E-03
1766	495511.06, 3859001.99	0.0104	0.0049	0.0059	0.0105	0.008	0.0754	0.0049	0.0049	1.42E-02	9.73E-04	3.99E-08	6.73E-05	1.63E-04	4.62E-04	1.59E-02	6.91E-03	9.73E-04	3.99E-08	3.28E-05	7.93E-05	2.25E-04	8.22E-03
1767	495561.06, 3859001.99	0.0103	0.0049	0.0059	0.0104	0.008	0.0793	0.0049	0.0049	1.41E-02	9.67E-04	3.95E-08	6.66E-05	1.62E-04	4.85E-04	1.58E-02	6.85E-03	9.67E-04	3.95E-08	3.24E-05	7.90E-05	2.36E-04	8.17E-03
1768	495611.06, 3859001.99	0.0103	0.0049	0.0058	0.0103	0.0079	0.0855	0.0049	0.0049	1.40E-02	9.59E-04	3.91E-08	6.60E-05	1.61E-04	5.23E-04	1.57E-02	6.79E-03	9.59E-04	3.91E-08	3.21E-05	7.85E-05	2.55E-04	8.12E-03
1769	495661.06, 3859001.99	0.0102	0.0049	0.0058	0.0103	0.008	0.0983	0.0049	0.0049	1.39E-02	9.59E-04	3.89E-08	6.59E-05	1.62E-04	6.02E-04	1.57E-02	6.78E-03	9.59E-04	3.89E-08	3.21E-05	7.90E-05	2.93E-04	8.14E-03
1770	494311.06, 3859051.99	0.0134	0.0064	0.0083	0.0143	0.0098	0.0212	0.0063	0.0064	1.82E-02	1.25E-03	5.59E-08	9.20E-05	1.99E-04	1.29E-04	1.99E-02	8.85E-03	1.25E-03	5.59E-08	4.48E-05	9.69E-05	6.30E-05	1.03E-02
1771	494361.06, 3859051.99	0.0133	0.0064	0.0084	0.0143	0.0098	0.0221	0.0063	0.0064	1.81E-02	1.25E-03	5.63E-08	9.17E-05	2.00E-04	1.35E-04	1.97E-02	8.79E-03	1.25E-03	5.63E-08	4.46E-05	9.72E-05	6.58E-05	1.02E-02
1772	494411.06, 3859051.99	0.0131	0.0063	0.0082	0.0141	0.0097	0.023	0.0062	0.0063	1.79E-02	1.24E-03	5.55E-08	9.08E-05	1.99E-04	1.41E-04	1.96E-02	8.71E-03	1.24E-03	5.55E-08	4.42E-05	9.67E-05	6.86E-05	1.02E-02
1773	494461.06, 3859051.99	0.013	0.0062	0.0081	0.0139	0.0097	0.0242	0.0062	0.0062	1.77E-02	1.23E-03	5.47E-08	8.96E-05	1.97E-04	1.48E-04	1.94E-02	8.63E-03	1.23E-03	5.47E-08	4.36E-05	9.59E-05	7.21E-05	1.01E-02
1774	494511.06, 3859051.99	0.0129	0.0062	0.008	0.0137	0.0096	0.0257	0.0061	0.0062	1.75E-02	1.22E-03	5.37E-08	8.83E-05	1.95E-04	1.57E-04	1.92E-02	8.54E-03	1.22E-03	5.37E-08	4.30E-05	9.49E-05	7.65E-05	9.97E-03
1775	494561.06, 3859051.99	0.0128	0.0061	0.0079	0.0135	0.0095	0.0277	0.006	0.0061	1.74E-02	1.20E-03	5.29E-08	8.71E-05	1.93E-04	1.69E-04	1.90E-02	8.46E-03	1.20E-03	5.29E-08	4.24E-05	9.41E-05	8.24E-05	9.88E-03
1776	494611.06, 3859051.99	0.0126	0.006	0.0077	0.0133	0.0094	0.0304	0.006	0.006	1.72E-02	1.19E-03	5.19E-08	8.56E-05	1.91E-04	1.86E-04	1.88E-02	8.37E-03	1.19E-03	5.19E-08	4.16E-05	9.28E-05	9.04E-05	9.78E-03
1777	494661.06, 3859051.99	0.0125	0.0059	0.0076	0.0131	0.0092	0.034	0.0059	0.0059	1.70E-02	1.17E-03	5.08E-08	8.40E-05	1.88E-04	2.08E-04	1.87E-02	8.28E-03	1.17E-03	5.08E-08	4.09E-05	9.13E-05	1.01E-04	9.68E-03
1778	494711.06, 3859051.99	0.0123	0.0059	0.0074	0.0128	0.0091	0.0389	0.0058	0.0059	1.68E-02	1.15E-03	4.99E-08	8.26E-05	1.85E-04	2.38E-04	1.85E-02	8.18E-03	1.15E-03	4.99E-08	4.02E-05	9.00E-05	1.16E-04	9.58E-03
1779	494761.06, 3859051.99	0.0122	0.0058	0.0073	0.0126	0.0089	0.0452	0.0057	0.0058	1.66E-02	1.14E-03	4.90E-08	8.11E-05	1.82E-04	2.76E-04	1.83E-02	8.08E-03	1.14E-03	4.90E-08	3.95E-05	8.87E-05	1.35E-04	9.48E-03
1780	494811.06, 3859051.99	0.0121	0.0057	0.0072	0.0124	0.0088	0.0528	0.0057	0.0057	1.64E-02	1.12E-03	4.82E-08	8.00E-05	1.80E-04	3.23E-04	1.81E-02	8.00E-03	1.12E-03	4.82E-08	3.89E-05	8.78E-05	1.57E-04	9.41E-03
1781	494861.06, 3859051.99	0.0119	0.0057	0.0071	0.0123	0.0088	0.0587	0.0056	0.0057	1.63E-02	1.11E-03	4.75E-08	7.88E-05	1.78E-04	3.59E-04	1.80E-02	7.91E-03	1.11E-03	4.75E-08	3.84E-05	8.69E-05	1.75E-04	9.33E-03
1782	494911.06, 3859051.99	0.0118	0.0056	0.0069	0.012	0.0086	0.0644	0.0055	0.0056	1.60E-02	1.10E-03	4.65E-08	7.73E-05	1.75E-04	3.94E-04	1.78E-02	7.80E-03	1.10E-03	4.65E-08	3.76E-05	8.53E-05	1.92E-04	9.21E-03
1783	494961.06, 3859051.99	0.0116	0.0055	0.0067	0.0117	0.0083	0.0706	0.0054	0.0055	1.57E-02	1.07E-03	4.53E-08	7.51E-05	1.70E-04	4.32E-04	1.75E-02	7.65E-03	1.07E-03	4.53E-08	3.66E-05	8.28E-05	2.10E-04	9.06E-03
1784	495011.06, 3859051.99	0.0114	0.0054	0.0066	0.0114	0.0082	0.0772	0.0053	0.0054	1.55E-02	1.06E-03	4.43E-08	7.36E-05	1.66E-04	4.72E-04	1.72E-02	7.52E-03	1.06E-03	4.43E-08	3.58E-05	8.10E-05	2.30E-04	8.92E-03
1785	495061.06, 3859051.99	0.0112	0.0053	0.0065	0.0113	0.0081	0.0834	0.0053	0.0053	1.52E-02	1.04E-03	4.36E-08	7.24E-05	1.64E-04	5.10E-04	1.70E-02	7.42E-03	1.04E-03	4.36E-08	3.53E-05	7.99E-05	2.48E-04	8.83E-03
1786	495111.06, 3859051.99	0.0111	0.0053	0.0064	0.0111	0.008	0.0896	0.0052	0.0053	1.51E-02	1.03E-03	4.30E-08	7.17E-05	1.63E-04	5.48E-04	1.69E-02	7.35E-03	1.03E-03	4.30E-08	3.49E-05	7.94E-05	2.67E-04	8.76E-03
1787	495161.06, 3859051.99	0.0111	0.0053	0.0064	0.0112	0.0081	0.0986	0.0052	0.0053	1.51E-02	1.03E-03	4.29E-08	7.17E-05	1.65E-04	6.04E-04	1.69E-02	7.34E-03	1.03E-03	4.29E-08	3.49E-05	8.02E-05	2.94E-04	8.78E-03
1788	495211.06, 3859051.99	0.011	0.0052	0.0063	0.011	0.008	0.1022	0.0052	0.0052	1.49E-02	1.03E-03	4.24E-08	7.09E-05	1.64E-04	6.25E-04	1.68E-02	7.26E-03	1.03E-03	4.24E-08	3.45E-05	7.96E-05	3.04E-04	8.71E-03
1789	495261.06, 3859051.99	0.0109	0.0052	0.0063	0.011	0.0081	0.1088	0.0052	0.0052	1.49E-02	1.02E-03	4.21E-08	7.07E-05	1.64E-04	6.66E-04	1.68E-02	7.24E-03	1.02E-03	4.21E-08	3.44E-05	8.00E-05	3.24E-04	8.70E-03
1790	495311.06, 3859051.99	0.0108	0.0052	0.0062	0.0109	0.008	0.1115	0.0051	0.0052	1.47E-02	1.02E-03	4.16E-08	7.00E-05	1.64E-04	6.82E-04	1.67E-02	7.17E-03	1.02E-03	4.16E-08	3.41E-05	7.97E-05	3.32E-04	8.63E-03
1791	495361.06, 3859051.99	0.0108	0.0051	0.0061	0.0108	0.008	0.1151	0.0051	0.0051	1.46E-02	1.01E-03	4.13E-08	6.96E-05	1.64E-04	7.04E-04	1.66E-02	7.12E-03	1.01E-03	4.13E-08	3.39E-05	7.96E-05	3.43E-04	8.59E-03
1792	495411.06, 3859051.99	0.0107	0.0051	0.0061	0.0108	0.008	0.1197	0.0051	0.0051	1.46E-02	1.01E-03	4.10E-08	6.93E-05	1.64E-04	7.32E-04	1.65E-02	7.08E-03	1.01E-03	4.10E-08	3.38E-05	7.98E-05	3.56E-04	8.56E-03
1793	495461.06, 3859051.99	0.0106	0.0051	0.0061	0.0107	0.0081	0.1237	0.0051	0.0051	1.45E-02	1.00E-03	4.07E-08	6.90E-05	1.64E-04	7.57E-04	1.65E-02	7.04E-03	1.00E-03	4.07E-08	3.36E-05	7.99E-05	3.68E-04	8.53E-03
1794	495511.06, 3859051.99	0.0105	0.0051	0.006	0.0106	0.008	0.1242	0.005	0.0051	1.43E-02	9.95E-04	4.01E-08	6.81E-05	1.63E-04	7.60E-04	1.63E-02	6.96E-03	9.95E-04	4.01E-08	3.32E-05	7.91E-05	3.70E-04	8.44E-03

1795	495561.06, 3859051.99	0.0104	0.005	0.0059	0.0105	0.0079	0.1274	0.005	0.005	1.42E-02	9.87E-04	3.97E-08	6.73E-05	1.61E-04	7.80E-04	1.62E-02	6.90E-03	9.87E-04	3.97E-08	3.28E-05	7.85E-05	3.79E-04	8.38E-03
1796	495611.06, 3859051.99	0.0103	0.005	0.0058	0.0104	0.0079	0.1344	0.005	0.005	1.40E-02	9.79E-04	3.92E-08	6.66E-05	1.60E-04	8.22E-04	1.61E-02	6.83E-03	9.79E-04	3.92E-08	3.24E-05	7.80E-05	4.00E-04	8.32E-03
1797	495661.06, 3859051.99	0.0103	0.005	0.0058	0.0104	0.0079	0.1552	0.005	0.005	1.40E-02	9.79E-04	3.91E-08	6.66E-05	1.61E-04	9.50E-04	1.62E-02	6.81E-03	9.79E-04	3.91E-08	3.24E-05	7.85E-05	4.62E-04	8.36E-03
1798	494311.06, 3859101.99	0.0134	0.0066	0.0085	0.0146	0.0097	0.0223	0.0065	0.0066	1.82E-02	1.30E-03	5.75E-08	9.39E-05	1.98E-04	1.37E-04	1.99E-02	8.85E-03	1.30E-03	5.75E-08	4.57E-05	9.65E-05	6.64E-05	1.04E-02
1799	494361.06, 3859101.99	0.0132	0.0065	0.0084	0.0145	0.0097	0.0232	0.0065	0.0065	1.80E-02	1.29E-03	5.68E-08	9.29E-05	1.97E-04	1.42E-04	1.97E-02	8.77E-03	1.29E-03	5.68E-08	4.52E-05	9.61E-05	6.91E-05	1.03E-02
1800	494411.06, 3859101.99	0.0131	0.0065	0.0083	0.0143	0.0097	0.0243	0.0064	0.0065	1.79E-02	1.28E-03	5.60E-08	9.21E-05	1.97E-04	1.49E-04	1.96E-02	8.69E-03	1.28E-03	5.60E-08	4.48E-05	9.58E-05	7.23E-05	1.02E-02
1801	494461.06, 3859101.99	0.013	0.0064	0.0082	0.0141	0.0096	0.0256	0.0063	0.0064	1.77E-02	1.26E-03	5.51E-08	9.09E-05	1.95E-04	1.57E-04	1.94E-02	8.61E-03	1.26E-03	5.51E-08	4.42E-05	9.51E-05	7.62E-05	1.01E-02
1802	494511.06, 3859101.99	0.0129	0.0063	0.008	0.0139	0.0095	0.0273	0.0063	0.0063	1.75E-02	1.25E-03	5.41E-08	8.93E-05	1.93E-04	1.67E-04	1.92E-02	8.53E-03	1.25E-03	5.41E-08	4.35E-05	9.39E-05	8.13E-05	9.99E-03
1803	494561.06, 3859101.99	0.0128	0.0063	0.0079	0.0137	0.0094	0.0298	0.0062	0.0063	1.74E-02	1.23E-03	5.31E-08	8.80E-05	1.91E-04	1.82E-04	1.91E-02	8.45E-03	1.23E-03	5.31E-08	4.28E-05	9.30E-05	8.86E-05	9.91E-03
1804	494611.06, 3859101.99	0.0126	0.0062	0.0077	0.0134	0.0092	0.0333	0.0061	0.0062	1.72E-02	1.21E-03	5.20E-08	8.61E-05	1.88E-04	2.04E-04	1.88E-02	8.35E-03	1.21E-03	5.20E-08	4.19E-05	9.14E-05	9.91E-05	9.79E-03
1805	494661.06, 3859101.99	0.0125	0.0061	0.0076	0.0132	0.0091	0.0387	0.006	0.0061	1.70E-02	1.20E-03	5.11E-08	8.49E-05	1.86E-04	2.37E-04	1.87E-02	8.27E-03	1.20E-03	5.11E-08	4.13E-05	9.05E-05	1.15E-04	9.72E-03
1806	494711.06, 3859101.99	0.0123	0.006	0.0074	0.0129	0.0089	0.0472	0.0059	0.006	1.68E-02	1.18E-03	4.99E-08	8.30E-05	1.82E-04	2.89E-04	1.85E-02	8.16E-03	1.18E-03	4.99E-08	4.04E-05	8.86E-05	1.41E-04	9.61E-03
1807	494761.06, 3859101.99	0.0122	0.0059	0.0073	0.0128	0.0089	0.0624	0.0059	0.0059	1.66E-02	1.17E-03	4.93E-08	8.22E-05	1.82E-04	3.81E-04	1.84E-02	8.09E-03	1.17E-03	4.93E-08	4.00E-05	8.84E-05	1.86E-04	9.57E-03
1808	494811.06, 3859101.99	0.0121	0.0059	0.0072	0.0126	0.0088	0.087	0.0058	0.0059	1.64E-02	1.15E-03	4.84E-08	8.09E-05	1.79E-04	5.32E-04	1.84E-02	8.01E-03	1.15E-03	4.84E-08	3.94E-05	8.72E-05	2.59E-04	9.54E-03
1809	494861.06, 3859101.99	0.012	0.0058	0.0071	0.0124	0.0087	0.1132	0.0057	0.0058	1.63E-02	1.14E-03	4.76E-08	7.96E-05	1.77E-04	6.92E-04	1.84E-02	7.92E-03	1.14E-03	4.76E-08	3.87E-05	8.62E-05	3.37E-04	9.52E-03
1810	494911.06, 3859101.99	0.0118	0.0057	0.0069	0.0121	0.0085	0.1401	0.0057	0.0057	1.61E-02	1.12E-03	4.65E-08	7.80E-05	1.74E-04	8.57E-04	1.83E-02	7.81E-03	1.12E-03	4.65E-08	3.79E-05	8.45E-05	4.17E-04	9.47E-03
1811	494961.06, 3859101.99	0.0116	0.0056	0.0067	0.0118	0.0083	0.1663	0.0055	0.0056	1.58E-02	1.10E-03	4.53E-08	7.57E-05	1.68E-04	1.02E-03	1.81E-02	7.67E-03	1.10E-03	4.53E-08	3.69E-05	8.19E-05	4.95E-04	9.38E-03
1812	495011.06, 3859101.99	0.0113	0.0054	0.0065	0.0114	0.008	0.1811	0.0054	0.0054	1.54E-02	1.07E-03	4.40E-08	7.35E-05	1.63E-04	1.11E-03	1.78E-02	7.50E-03	1.07E-03	4.40E-08	3.58E-05	7.92E-05	5.39E-04	9.23E-03
1813	495061.06, 3859101.99	0.0113	0.0054	0.0065	0.0114	0.008	0.2061	0.0054	0.0054	1.53E-02	1.07E-03	4.37E-08	7.31E-05	1.63E-04	1.26E-03	1.79E-02	7.46E-03	1.07E-03	4.37E-08	3.56E-05	7.95E-05	6.14E-04	9.26E-03
1814	495111.06, 3859101.99	0.0112	0.0054	0.0064	0.0112	0.008	0.2179	0.0053	0.0054	1.52E-02	1.06E-03	4.32E-08	7.23E-05	1.62E-04	1.33E-03	1.78E-02	7.39E-03	1.06E-03	4.32E-08	3.52E-05	7.89E-05	6.49E-04	9.21E-03
1815	495161.06, 3859101.99	0.0111	0.0054	0.0064	0.0113	0.008	0.2347	0.0053	0.0054	1.51E-02	1.06E-03	4.30E-08	7.24E-05	1.64E-04	1.44E-03	1.79E-02	7.37E-03	1.06E-03	4.30E-08	3.52E-05	7.97E-05	6.99E-04	9.24E-03
1816	495211.06, 3859101.99	0.011	0.0053	0.0063	0.0111	0.008	0.2398	0.0053	0.0053	1.50E-02	1.05E-03	4.25E-08	7.16E-05	1.63E-04	1.47E-03	1.77E-02	7.30E-03	1.05E-03	4.25E-08	3.48E-05	7.91E-05	7.14E-04	9.17E-03
1817	495261.06, 3859101.99	0.011	0.0053	0.0063	0.0111	0.008	0.2493	0.0053	0.0053	1.49E-02	1.05E-03	4.22E-08	7.13E-05	1.63E-04	1.53E-03	1.77E-02	7.26E-03	1.05E-03	4.22E-08	3.47E-05	7.94E-05	7.43E-04	9.16E-03
1818	495311.06, 3859101.99	0.0109	0.0053	0.0062	0.011	0.008	0.2588	0.0053	0.0053	1.48E-02	1.04E-03	4.17E-08	7.07E-05	1.63E-04	1.58E-03	1.77E-02	7.22E-03	1.04E-03	4.17E-08	3.44E-05	7.93E-05	7.71E-04	9.14E-03
1819	495361.06, 3859101.99	0.0108	0.0053	0.0062	0.011	0.008	0.264	0.0052	0.0053	1.47E-02	1.04E-03	4.15E-08	7.06E-05	1.64E-04	1.62E-03	1.76E-02	7.17E-03	1.04E-03	4.15E-08	3.43E-05	7.96E-05	7.86E-04	9.11E-03
1820	495411.06, 3859101.99	0.0108	0.0052	0.0061	0.0109	0.008	0.2694	0.0052	0.0052	1.46E-02	1.03E-03	4.12E-08	7.02E-05	1.64E-04	1.65E-03	1.76E-02	7.12E-03	1.03E-03	4.12E-08	3.42E-05	7.96E-05	8.02E-04	9.07E-03
1821	495461.06, 3859101.99	0.0107	0.0052	0.006	0.0108	0.008	0.2757	0.0052	0.0052	1.45E-02	1.02E-03	4.06E-08	6.94E-05	1.62E-04	1.69E-03	1.75E-02	7.07E-03	1.02E-03	4.06E-08	3.38E-05	7.90E-05	8.21E-04	9.03E-03
1822	495511.06, 3859101.99	0.0106	0.0052	0.006	0.0107	0.008	0.2816	0.0051	0.0052	1.44E-02	1.02E-03	4.03E-08	6.89E-05	1.62E-04	1.72E-03	1.74E-02	7.02E-03	1.02E-03	4.03E-08	3.35E-05	7.89E-05	8.39E-04	8.99E-03
1823	495561.06, 3859101.99	0.0105	0.0051	0.0059	0.0106	0.0079	0.2815	0.0051	0.0051	1.43E-02	1.01E-03	3.99E-08	6.82E-05	1.61E-04	1.72E-03	1.72E-02	6.94E-03	1.01E-03	3.99E-08	3.32E-05	7.84E-05	8.38E-04	8.90E-03
1824	495611.06, 3859101.99	0.0104	0.0051	0.0059	0.0105	0.0078	0.2863	0.0051	0.0051	1.41E-02	1.00E-03	3.94E-08	6.74E-05	1.60E-04	1.75E-03	1.71E-02	6.87E-03	1.00E-03	3.94E-08	3.28E-05	7.78E-05	8.53E-04	8.84E-03
1825	495661.06, 3859101.99	0.0103	0.0051	0.0058	0.0104	0.0079	0.3126	0.0051	0.0051	1.40E-02	9.99E-04	3.91E-08	6.72E-05	1.60E-04	1.91E-03	1.72E-02	6.83E-03	9.99E-04	3.91E-08	3.27E-05	7.79E-05	9.31E-04	8.87E-03
1826	494311.06, 3859151.99	0.0133	0.0068	0.0086	0.0148	0.0096	0.0235	0.0067	0.0068	1.81E-02	1.34E-03	5.79E-08	9.54E-05	1.96E-04	1.44E-04	1.99E-02	8.82E-03	1.34E-03	5.79E-08	4.64E-05	9.53E-05	7.00E-05	1.04E-02
1827	494361.06, 3859151.99	0.0132	0.0067	0.0085	0.0147	0.0096	0.0246	0.0066	0.0067	1.80E-02	1.33E-03	5.72E-08	9.46E-05	1.96E-04	1.50E-04	1.97E-02	8.75E-03	1.33E-03	5.72E-08	4.61E-05	9.52E-05	7.32E-05	1.03E-02
1828	494411.06, 3859151.99	0.0131	0.0067	0.0084	0.0145	0.0095	0.0256	0.0066	0.0067	1.78E-02	1.31E-03	5.62E-08	9.31E-05	1.94E-04	1.57E-04	1.95E-02	8.66E-03	1.31E-03	5.62E-08	4.53E-05	9.44E-05	7.63E-05	1.02E-02
1829	494461.06, 3859151.99	0.013	0.0066	0.0082	0.0143	0.0094	0.027	0.0065	0.0066	1.76E-02	1.29E-03	5.52E-08	9.17E-05	1.92E-04	1.65E-04	1.94E-02	8.58E-03	1.29E-03	5.52E-08	4.46E-05	9.35E-05	8.05E-05	1.01E-02
1830	494511.06, 3859151.99	0.0128	0.0065	0.008	0.014	0.0093	0.0289	0.0064	0.0065	1.75E-02	1.27E-03	5.41E-08	8.99E-05	1.90E-04	1.77E-04	1.92E-02	8.50E-03	1.27E-03	5.41E-08	4.38E-05	9.23E-05	8.60E-05	9.99E-03
1831	494561.06, 3859151.99	0.0127	0.0064	0.0079	0.0138	0.0092	0.0317	0.0063	0.0064	1.73E-02	1.26E-03	5.33E-08	8.88E-05	1.88E-04	1.94E-04	1.90E-02	8.42E-03	1.26E-03	5.33E-08	4.32E-05	9.17E-05	9.44E-05	9.91E-03
1832	494611.06, 3859151.99	0.0126	0.0063	0.0077	0.0135	0.0091	0.0359	0.0062	0.0063	1.71E-02	1.24E-03	5.21E-08	8.71E-05	1.86E-04	2.19E-04	1.88E-02	8.33E-03	1.24E-03	5.21E-08	4.24E-05	9.04E-05	1.07E-04	9.81E-03
1833	494661.06, 3859151.99	0.0125	0.0062	0.0076	0.0134	0.009	0.0426	0.0062	0.0062	1.70E-02	1.23E-03	5.13E-08	8.59E-05	1.84E-04	2.60E-04	1.87E-02	8.25E-03	1.23E-03	5.13E-08	4.18E-05	8.96E-05	1.27E-04	9.74E-03
1834	494711.06, 3859151.99	0.0123	0.0062	0.0075	0.0132	0.009	0.0543	0.0061	0.0062	1.68E-02	1.22E-03	5.06E-08	8.49E-05	1.83E-04	3.32E-04	1.86E-02	8.18E-03	1.22E-03	5.06E-08	4.13E-05	8.90E-05	1.62E-04	9.69E-03
1835	494761.06, 3859151.99	0.0122	0.0061	0.0073	0.0129	0.0088	0.079	0.006	0.0061	1.66E-02	1.20E-03	4.94E-08	8.30E-05	1.80E-04	4.83E-04	1.85E-02	8.08E-03	1.20E-03	4.94E-08	4.04E-05	8.75E-05	2.35E-04	9.64E-03
1836	494811.06, 3859151.99	0.0121	0.006	0.0072	0.0127	0.0087	0.1498	0.0059	0.006	1.64E-02	1.18E-03	4.85E-08	8.15E-05	1.77E-04	9.17E-04	1.88E-02	7.99E-03	1.18E-03	4.85E-08	3.97E-05	8.61E-05	4.46E-04	9.74E-03
1837	494861.06, 3859151.99	0.0119	0.0059	0.0071	0.0125	0.0086	0.2724	0.0059	0.0059	1.63E-02	1.17E-03	4.77E-08	8.04E-05	1.75E-04	1.67E-03	1.93E-02	7.91E-03	1.17E-03	4.77E-08	3.91E-05	8.54E-05	8.11E-04	1.00E-02
1838	494911.06, 3859151.99	0.0118	0.0058	0.0069	0.0122	0.0084	0.5484	0.0058	0.0058	1.60E-02	1.14E-03	4.67E-08	7.85E-05	1.72E-04	3.36E-03	2.08E-02	7.81E-03	1.14E-03	4.67E-08	3.82E-05	8.36E-05	1.63E-03	1.07E-02
1839	494961.06, 3859151.99	0.0116	0.0057	0.0067	0.0118	0.0082	0.5437	0.0056	0.0057	1.58E-02	1.12E-03	4.53E-08	7.62E-05	1.67E-04	3.33E-03	2.05E-02	7.68E-03	1.12E-03	4.53E-08	3.71E-05	8.11E-05	1.62E-03	1.05E-02
1840	495011.06, 3859151.99	0.0114	0.0056	0.0066	0.0115	0.0079	0.587	0.0055	0.0056	1.55E-02	1.10E-03	4.41E-08	7.42E-05	1.62E-04	3.59E-03	2.04E-02	7.53E-03	1.10E-03	4.41E-08	3.61E-05	7.87E-05	1.75E-03	1.05E-02
1841	495061.06, 3859151.99	0.0113	0.0055	0.0065	0.0115	0.0079	0.5559	0.0055	0.0055	1.54E-02	1.09E-03	4.37E-08	7.37E-05	1.62E-04	3.40E-03	2.01E-02	7.48E-03	1.09E-03	4.37E-08	3.59E-05	7.87E-05	1.66E-03	1.03E-02
1842	495111.06, 3859151.99	0.0112	0.0055	0.0064	0.0114	0.0079	0.5529	0.0055	0.0055	1.52E-02	1.08E-03	4.32E-08	7.31E-05	1.61E-04	3.38E-03	1.99E-02	7.42E-03	1.08E-03	4.32E-08	3.56E-05	7.85E-05	1.65E-03	1.03E-02
1843	495161.06, 3859151.99	0.0112	0.0055	0.0064	0.0114	0.008	0.5242	0.0055	0.0055	1.52E-02	1.08E-03	4.31E-08	7.31E-05	1.63E-04	3.21E-03	1.97E-02	7.39E-03	1.08E-03	4.31E-08	3.56E-05	7.92E-05	1.56E-03	1.01E-02
1844	495211.06, 3859151.99	0.0111	0.0055	0.0063	0.0113	0.008	0.5891	0.0054	0.0055	1.51E-02	1.08E-03	4.27E-08	7.26E-05	1.63E-04	3.60E-03	2.00E-02	7.34E-03	1.08E-03	4.27E-08	3.53E-05	7.91E-05	1.75E-03	1.03E-02
1845	495261.06, 3859151.99	0.011	0.0054	0.0063	0.0112	0.008	0.5233	0.0054	0.0054	1.49E-02	1.07E-03	4.23E-08	7.20E-05	1.62E-04	3.20E-03	1.95E-02	7.28E-03	1.07E-03	4.23E-08	3.50E-05	7.90E-05	1.56E-03	1.00E-02
1846	495311.06, 3859151.99	0.0109	0.0054	0.0062	0.0111	0.008	0.5021	0.0054	0.0054	1.49E-02	1.06E-03	4.19E-08	7.15E-05	1.62E-04	3.07E-03	1.92E-02	7.23E-03	1.06E-03	4.19E-08	3.48E-05	7.89E-05	1.50E-03	9.90E-03
1847	495361.06, 3859151.99	0.0108	0.0054	0.0062	0.011	0.0079	0.5314	0.0053	0.0054	1.47E-02	1.06E-03	4.15E-08	7.10E-05	1.62E-04	3.25E-03	1.93E-02	7.18E-03	1.06E-03	4.15E-08	3.46E-05	7.88E-05	1.58E-03	9.93E-03
1848	495411.06, 3859151.99	0.0108	0.0054	0.0062	0.011	0.008	0.4966	0.0053	0.0054	1.47E-02	1.06E-03	4.14E-08	7.10E-05	1.63E-04	3.04E-03	1.90E-02	7.15E-03	1.06E-03	4.14E-08	3.46E-05	7.94E-05	1.48E-03	9.80E-03
1849	495461.06, 3859151.99	0.0107	0.0053	0.0061	0.011	0.008	0.5177	0.0053	0.0053	1.46E-02	1.05E-03	4.11E-08	7.06E-05	1.63E-04	3.17E-03	1.90E-02	7.10E-03	1.05E-03	4.11E-08	3.43E-05	7.93E-05	1.54E-03	9.80E-03
1850	495511.06, 3859151.99	0.0106	0.0053	0.006	0.0108	0.0079	0.5062	0.0053	0.0053	1.44E-02	1.04E-03	4.05E-08	6.97E-05	1.62E-04	3.10E-03	1.88E-02	7.02E-03	1.04E-03	4.05E-08	3.39E-05	7.86E-05	1.51E-03	9.69E-03
1851	495561.06, 3859151.99	0.0105	0.0053	0.0059	0.0107	0.0079	0.4879	0.0052	0.0053	1.43E-02	1.03E-03	4.00E-08	6.90E-05	1.61E-04	2.99E-03	1.86E-02	6.96E-03	1.03E-03	4.00E-08	3.36E-05	7.82E-05	1.45E-03	9.56E-03
1852	495611.06, 3859151.99	0.0104	0.0052	0.0059	0.0106	0.0078	0.4633	0.0052	0.0052	1.42E-02	1.03E-03	3.96E-08	6.84E-05	1.60E-04	2.83E-03	1.83E-02	6.91E-03	1.03E-03	3.96E-08	3.33E-05	7.78E-05	1.38E-03	9.42E-03
1853	495661.06, 3859151.99	0.0103	0.0052	0.0058	0.0105	0.0078	0.4299	0.0052	0.0052	1.41E-02	1.02E-03	3.92E-08	6.78E-05	1.59E-04	2.63E-03	1.80E-02	6.85E-03	1.02E-03	3.92E-08	3.30E-05	7.75E-05	1.28E-03	9.26E-03
1854	494311.06, 3859201.99	0.0133	0.007	0.0087	0.0151	0.0095	0.025	0.0069	0.007	1.80E-02	1.38E-03	5.85E-08	9.69E-05	1.93E-04	1.53E-04	1.99E-02	8.78E-03	1.38E-03	5.85E-08	4.72E-05	9.39E-05	7.45E-05	1.04E-02
1855	494361.06, 3859201.99	0.0131	0.0069	0.0086	0.0149	0.0094	0.0262	0.0068	0.0069	1.79E-02	1.36E-03	5.77E-08	9.58E-05	1.92E-04	1.60E-04	1.97E-02	8.70E-03	1.36E-03	5.77E-08	4.66E-05	9.35E-05	7.81E-05	1.03E-02
1856	494411.06, 3859201.99	0.013	0.0068	0.0084	0.0147	0.0094	0.0274	0.0067	0.0068	1.77E-02	1.35E-03	5.64E-08	9.44E-05	1.91E-04	1.68E-04	1.95E-02	8.62E-03	1.35E-03	5.64E-08	4.60E-05	9.29E-05	8.16E-05	1.02E-02

1857	494461.06, 3859201.99	0.0129	0.0067	0.0082	0.0144	0.0093	0.0288	0.0066	0.0067	1.75E-02	1.33E-03	5.53E-08	9.26E-05	1.89E-04	1.76E-04	1.93E-02	8.54E-03	1.33E-03	5.53E-08	4.51E-05	9.19E-05	8.59E-05	1.01E-02
1858	494511.06, 3859201.99	0.0128	0.0067	0.0081	0.0142	0.0092	0.0309	0.0066	0.0067	1.74E-02	1.31E-03	5.44E-08	9.13E-05	1.88E-04	1.89E-04	1.92E-02	8.46E-03	1.31E-03	5.44E-08	4.45E-05	9.13E-05	9.21E-05	1.00E-02
1859	494561.06, 3859201.99	0.0126	0.0066	0.0079	0.0139	0.0091	0.0339	0.0065	0.0066	1.72E-02	1.29E-03	5.32E-08	8.95E-05	1.85E-04	2.07E-04	1.90E-02	8.38E-03	1.29E-03	5.32E-08	4.36E-05	9.01E-05	1.01E-04	9.90E-03
1860	494611.06, 3859201.99	0.0125	0.0065	0.0078	0.0137	0.009	0.0385	0.0064	0.0065	1.70E-02	1.27E-03	5.23E-08	8.80E-05	1.83E-04	2.35E-04	1.88E-02	8.30E-03	1.27E-03	5.23E-08	4.28E-05	8.92E-05	1.15E-04	9.82E-03
1861	494661.06, 3859201.99	0.0124	0.0064	0.0076	0.0135	0.0089	0.0457	0.0063	0.0064	1.69E-02	1.26E-03	5.14E-08	8.68E-05	1.82E-04	2.80E-04	1.87E-02	8.22E-03	1.26E-03	5.14E-08	4.22E-05	8.86E-05	1.36E-04	9.74E-03
1862	494711.06, 3859201.99	0.0123	0.0063	0.0075	0.0133	0.0088	0.0582	0.0062	0.0063	1.67E-02	1.24E-03	5.06E-08	8.56E-05	1.80E-04	3.56E-04	1.86E-02	8.14E-03	1.24E-03	5.06E-08	4.17E-05	8.78E-05	1.73E-04	9.69E-03
1863	494761.06, 3859201.99	0.0122	0.0062	0.0074	0.013	0.0087	0.0845	0.0061	0.0062	1.65E-02	1.22E-03	4.95E-08	8.38E-05	1.77E-04	5.17E-04	1.85E-02	8.05E-03	1.22E-03	4.95E-08	4.08E-05	8.64E-05	2.52E-04	9.65E-03
1864	494811.06, 3859201.99	0.012	0.0061	0.0072	0.0128	0.0086	0.1558	0.0061	0.0061	1.64E-02	1.21E-03	4.86E-08	8.23E-05	1.75E-04	9.53E-04	1.88E-02	7.97E-03	1.21E-03	4.86E-08	4.01E-05	8.53E-05	4.64E-04	9.76E-03
1865	494861.06, 3859201.99	0.0119	0.006	0.0071	0.0125	0.0085	0.2911	0.006	0.006	1.62E-02	1.18E-03	4.75E-08	8.05E-05	1.72E-04	1.78E-03	1.94E-02	7.88E-03	1.18E-03	4.75E-08	3.92E-05	8.39E-05	8.67E-04	1.01E-02
1866	494911.06, 3859201.99	0.0117	0.0059	0.0069	0.0122	0.0083	0.2367	0.0059	0.0059	1.60E-02	1.16E-03	4.63E-08	7.87E-05	1.68E-04	1.45E-03	1.88E-02	7.77E-03	1.16E-03	4.63E-08	3.83E-05	8.20E-05	7.05E-04	9.76E-03
1867	494961.06, 3859201.99	0.0116	0.0058	0.0067	0.0119	0.0081	0.1812	0.0058	0.0058	1.57E-02	1.14E-03	4.52E-08	7.67E-05	1.64E-04	1.11E-03	1.82E-02	7.65E-03	1.14E-03	4.52E-08	3.73E-05	7.99E-05	5.40E-04	9.45E-03
1868	495011.06, 3859201.99	0.0113	0.0057	0.0065	0.0115	0.0078	0.1598	0.0056	0.0057	1.54E-02	1.11E-03	4.38E-08	7.42E-05	1.58E-04	9.78E-04	1.77E-02	7.50E-03	1.11E-03	4.38E-08	3.61E-05	7.71E-05	4.76E-04	9.20E-03
1869	495061.06, 3859201.99	0.0113	0.0057	0.0065	0.0116	0.0079	0.1554	0.0056	0.0057	1.54E-02	1.12E-03	4.38E-08	7.46E-05	1.61E-04	9.51E-04	1.77E-02	7.49E-03	1.12E-03	4.38E-08	3.63E-05	7.84E-05	4.63E-04	9.19E-03
1870	495111.06, 3859201.99	0.0112	0.0057	0.0065	0.0115	0.0079	0.1518	0.0056	0.0057	1.53E-02	1.11E-03	4.36E-08	7.42E-05	1.62E-04	9.28E-04	1.76E-02	7.45E-03	1.11E-03	4.36E-08	3.61E-05	7.86E-05	4.52E-04	9.13E-03
1871	495161.06, 3859201.99	0.0112	0.0056	0.0064	0.0115	0.0079	0.1497	0.0056	0.0056	1.52E-02	1.11E-03	4.32E-08	7.38E-05	1.62E-04	9.16E-04	1.75E-02	7.40E-03	1.11E-03	4.32E-08	3.59E-05	7.87E-05	4.46E-04	9.06E-03
1872	495211.06, 3859201.99	0.0111	0.0056	0.0063	0.0114	0.0079	0.1491	0.0055	0.0056	1.51E-02	1.10E-03	4.26E-08	7.30E-05	1.61E-04	9.12E-04	1.73E-02	7.33E-03	1.10E-03	4.26E-08	3.55E-05	7.83E-05	4.44E-04	8.99E-03
1873	495261.06, 3859201.99	0.011	0.0056	0.0063	0.0113	0.0079	0.147	0.0055	0.0056	1.50E-02	1.10E-03	4.24E-08	7.27E-05	1.61E-04	8.99E-04	1.72E-02	7.28E-03	1.10E-03	4.24E-08	3.54E-05	7.85E-05	4.38E-04	8.93E-03
1874	495311.06, 3859201.99	0.0109	0.0055	0.0062	0.0112	0.0079	0.1455	0.0055	0.0055	1.49E-02	1.09E-03	4.20E-08	7.22E-05	1.61E-04	8.90E-04	1.71E-02	7.23E-03	1.09E-03	4.20E-08	3.52E-05	7.85E-05	4.33E-04	8.87E-03
1875	495361.06, 3859201.99	0.0108	0.0055	0.0062	0.0112	0.0079	0.1438	0.0055	0.0055	1.48E-02	1.08E-03	4.17E-08	7.19E-05	1.62E-04	8.80E-04	1.70E-02	7.18E-03	1.08E-03	4.17E-08	3.50E-05	7.86E-05	4.28E-04	8.81E-03
1876	495411.06, 3859201.99	0.0108	0.0055	0.0062	0.0112	0.008	0.1407	0.0055	0.0055	1.47E-02	1.08E-03	4.15E-08	7.17E-05	1.62E-04	8.61E-04	1.69E-02	7.15E-03	1.08E-03	4.15E-08	3.49E-05	7.90E-05	4.19E-04	8.76E-03
1877	495461.06, 3859201.99	0.0107	0.0055	0.0061	0.0111	0.0079	0.1392	0.0054	0.0055	1.46E-02	1.08E-03	4.11E-08	7.11E-05	1.62E-04	8.52E-04	1.67E-02	7.09E-03	1.08E-03	4.11E-08	3.46E-05	7.88E-05	4.15E-04	8.69E-03
1878	495511.06, 3859201.99	0.0106	0.0054	0.006	0.011	0.0079	0.137	0.0054	0.0054	1.45E-02	1.07E-03	4.07E-08	7.06E-05	1.62E-04	8.38E-04	1.66E-02	7.04E-03	1.07E-03	4.07E-08	3.43E-05	7.86E-05	4.08E-04	8.63E-03
1879	495561.06, 3859201.99	0.0105	0.0054	0.006	0.0108	0.0078	0.1356	0.0053	0.0054	1.43E-02	1.06E-03	4.01E-08	6.97E-05	1.60E-04	8.30E-04	1.64E-02	6.96E-03	1.06E-03	4.01E-08	3.39E-05	7.78E-05	4.04E-04	8.54E-03
1880	495611.06, 3859201.99	0.0104	0.0053	0.0059	0.0107	0.0078	0.1317	0.0053	0.0053	1.42E-02	1.05E-03	3.96E-08	6.89E-05	1.59E-04	8.06E-04	1.63E-02	6.91E-03	1.05E-03	3.96E-08	3.35E-05	7.73E-05	3.92E-04	8.46E-03
1881	495661.06, 3859201.99	0.0103	0.0053	0.0058	0.0106	0.0078	0.1245	0.0053	0.0053	1.41E-02	1.04E-03	3.93E-08	6.83E-05	1.58E-04	7.62E-04	1.61E-02	6.85E-03	1.04E-03	3.93E-08	3.33E-05	7.70E-05	3.71E-04	8.38E-03
1882	494311.06, 3859251.99	0.0132	0.0072	0.0087	0.0153	0.0093	0.027	0.007	0.0072	1.79E-02	1.41E-03	5.87E-08	9.84E-05	1.90E-04	1.65E-04	1.98E-02	8.73E-03	1.41E-03	5.87E-08	4.79E-05	9.23E-05	8.04E-05	1.04E-02
1883	494361.06, 3859251.99	0.0131	0.0071	0.0086	0.0151	0.0092	0.0283	0.007	0.0071	1.78E-02	1.40E-03	5.76E-08	9.68E-05	1.88E-04	1.73E-04	1.96E-02	8.65E-03	1.40E-03	5.76E-08	4.71E-05	9.17E-05	8.43E-05	1.03E-02
1884	494411.06, 3859251.99	0.0129	0.007	0.0084	0.0148	0.0092	0.0295	0.0069	0.007	1.76E-02	1.38E-03	5.64E-08	9.49E-05	1.87E-04	1.81E-04	1.95E-02	8.58E-03	1.38E-03	5.64E-08	4.62E-05	9.08E-05	8.79E-05	1.02E-02
1885	494461.06, 3859251.99	0.0128	0.0069	0.0082	0.0146	0.0091	0.0311	0.0068	0.0069	1.74E-02	1.36E-03	5.55E-08	9.36E-05	1.86E-04	1.90E-04	1.93E-02	8.49E-03	1.36E-03	5.55E-08	4.56E-05	9.03E-05	9.25E-05	1.01E-02
1886	494511.06, 3859251.99	0.0127	0.0068	0.008	0.0142	0.009	0.033	0.0067	0.0068	1.73E-02	1.34E-03	5.40E-08	9.16E-05	1.83E-04	2.02E-04	1.91E-02	8.40E-03	1.34E-03	5.40E-08	4.46E-05	8.92E-05	9.84E-05	9.97E-03
1887	494561.06, 3859251.99	0.0126	0.0067	0.0079	0.014	0.0089	0.0361	0.0066	0.0067	1.71E-02	1.32E-03	5.31E-08	9.02E-05	1.82E-04	2.21E-04	1.89E-02	8.33E-03	1.32E-03	5.31E-08	4.39E-05	8.86E-05	1.08E-04	9.89E-03
1888	494611.06, 3859251.99	0.0125	0.0066	0.0077	0.0138	0.0088	0.0406	0.0065	0.0066	1.70E-02	1.30E-03	5.21E-08	8.86E-05	1.80E-04	2.48E-04	1.88E-02	8.25E-03	1.30E-03	5.21E-08	4.31E-05	8.76E-05	1.21E-04	9.80E-03
1889	494661.06, 3859251.99	0.0123	0.0065	0.0076	0.0136	0.0088	0.0476	0.0065	0.0065	1.68E-02	1.29E-03	5.13E-08	8.76E-05	1.79E-04	2.91E-04	1.86E-02	8.18E-03	1.29E-03	5.13E-08	4.26E-05	8.72E-05	1.42E-04	9.74E-03
1890	494711.06, 3859251.99	0.0122	0.0065	0.0075	0.0134	0.0087	0.0597	0.0064	0.0065	1.66E-02	1.27E-03	5.05E-08	8.63E-05	1.78E-04	3.65E-04	1.85E-02	8.10E-03	1.27E-03	5.05E-08	4.20E-05	8.66E-05	1.78E-04	9.68E-03
1891	494761.06, 3859251.99	0.0121	0.0063	0.0073	0.013	0.0085	0.0849	0.0062	0.0063	1.64E-02	1.24E-03	4.90E-08	8.36E-05	1.73E-04	5.20E-04	1.85E-02	8.01E-03	1.24E-03	4.90E-08	4.07E-05	8.44E-05	2.53E-04	9.62E-03
1892	494811.06, 3859251.99	0.012	0.0063	0.0072	0.0129	0.0085	0.1501	0.0062	0.0063	1.63E-02	1.24E-03	4.84E-08	8.30E-05	1.73E-04	9.18E-04	1.87E-02	7.93E-03	1.24E-03	4.84E-08	4.04E-05	8.42E-05	4.47E-04	9.74E-03
1893	494861.06, 3859251.99	0.0118	0.0061	0.007	0.0125	0.0083	0.2956	0.0061	0.0061	1.61E-02	1.20E-03	4.71E-08	8.06E-05	1.69E-04	1.81E-03	1.94E-02	7.84E-03	1.20E-03	4.71E-08	3.92E-05	8.22E-05	8.80E-04	1.00E-02
1894	494911.06, 3859251.99	0.0117	0.006	0.0068	0.0122	0.0081	0.2076	0.006	0.006	1.59E-02	1.19E-03	4.59E-08	7.87E-05	1.65E-04	1.27E-03	1.86E-02	7.73E-03	1.19E-03	4.59E-08	3.83E-05	8.03E-05	6.18E-04	9.65E-03
1895	494961.06, 3859251.99	0.0115	0.0059	0.0067	0.0121	0.008	0.1463	0.0059	0.0059	1.57E-02	1.17E-03	4.52E-08	7.76E-05	1.63E-04	8.95E-04	1.80E-02	7.65E-03	1.17E-03	4.52E-08	3.78E-05	7.95E-05	4.36E-04	9.37E-03
1896	495011.06, 3859251.99	0.0114	0.0059	0.0066	0.0119	0.0079	0.1183	0.0058	0.0059	1.55E-02	1.15E-03	4.44E-08	7.62E-05	1.61E-04	7.24E-04	1.76E-02	7.56E-03	1.15E-03	4.44E-08	3.71E-05	7.84E-05	3.52E-04	9.18E-03
1897	495061.06, 3859251.99	0.0113	0.0058	0.0066	0.0118	0.0079	0.1057	0.0058	0.0058	1.54E-02	1.15E-03	4.41E-08	7.60E-05	1.62E-04	6.47E-04	1.75E-02	7.51E-03	1.15E-03	4.41E-08	3.70E-05	7.87E-05	3.15E-04	9.10E-03
1898	495111.06, 3859251.99	0.0112	0.0058	0.0065	0.0117	0.0079	0.0979	0.0058	0.0058	1.53E-02	1.14E-03	4.36E-08	7.53E-05	1.61E-04	5.99E-04	1.73E-02	7.45E-03	1.14E-03	4.36E-08	3.66E-05	7.84E-05	2.92E-04	9.00E-03
1899	495161.06, 3859251.99	0.0112	0.0058	0.0064	0.0116	0.0079	0.0931	0.0057	0.0058	1.52E-02	1.14E-03	4.32E-08	7.47E-05	1.61E-04	5.70E-04	1.71E-02	7.40E-03	1.14E-03	4.32E-08	3.64E-05	7.85E-05	2.77E-04	8.92E-03
1900	495211.06, 3859251.99	0.0111	0.0057	0.0063	0.0115	0.0079	0.0899	0.0057	0.0057	1.51E-02	1.13E-03	4.27E-08	7.40E-05	1.61E-04	5.50E-04	1.70E-02	7.33E-03	1.13E-03	4.27E-08	3.60E-05	7.81E-05	2.68E-04	8.84E-03
1901	495261.06, 3859251.99	0.011	0.0057	0.0063	0.0114	0.0079	0.0873	0.0056	0.0057	1.50E-02	1.12E-03	4.23E-08	7.34E-05	1.61E-04	5.34E-04	1.69E-02	7.29E-03	1.12E-03	4.23E-08	3.57E-05	7.82E-05	2.60E-04	8.78E-03
1902	495311.06, 3859251.99	0.0109	0.0057	0.0063	0.0114	0.0079	0.0856	0.0056	0.0057	1.49E-02	1.12E-03	4.21E-08	7.32E-05	1.61E-04	5.24E-04	1.67E-02	7.23E-03	1.12E-03	4.21E-08	3.56E-05	7.84E-05	2.55E-04	8.72E-03
1903	495361.06, 3859251.99	0.0108	0.0056	0.0062	0.0113	0.0079	0.0841	0.0056	0.0056	1.47E-02	1.11E-03	4.17E-08	7.26E-05	1.61E-04	5.15E-04	1.66E-02	7.18E-03	1.11E-03	4.17E-08	3.53E-05	7.82E-05	2.50E-04	8.65E-03
1904	495411.06, 3859251.99	0.0108	0.0056	0.0062	0.0113	0.0079	0.0825	0.0056	0.0056	1.47E-02	1.11E-03	4.15E-08	7.24E-05	1.62E-04	5.05E-04	1.65E-02	7.14E-03	1.11E-03	4.15E-08	3.53E-05	7.86E-05	2.46E-04	8.60E-03
1905	495461.06, 3859251.99	0.0107	0.0056	0.0061	0.0112	0.0079	0.0811	0.0056	0.0056	1.46E-02	1.10E-03	4.11E-08	7.19E-05	1.61E-04	4.96E-04	1.64E-02	7.08E-03	1.10E-03	4.11E-08	3.50E-05	7.84E-05	2.41E-04	8.54E-03
1906	495511.06, 3859251.99	0.0106	0.0055	0.006	0.011	0.0078	0.0798	0.0055	0.0055	1.44E-02	1.09E-03	4.05E-08	7.09E-05	1.60E-04	4.89E-04	1.62E-02	7.01E-03	1.09E-03	4.05E-08	3.45E-05	7.77E-05	2.38E-04	8.45E-03
1907	495561.06, 3859251.99	0.0105	0.0055	0.006	0.0109	0.0078	0.078	0.0055	0.0055	1.43E-02	1.08E-03	4.01E-08	7.02E-05	1.59E-04	4.77E-04	1.61E-02	6.96E-03	1.08E-03	4.01E-08	3.42E-05	7.73E-05	2.32E-04	8.38E-03
1908	495611.06, 3859251.99	0.0104	0.0054	0.0059	0.0108	0.0077	0.076	0.0054	0.0054	1.42E-02	1.07E-03	3.95E-08	6.94E-05	1.58E-04	4.65E-04	1.59E-02	6.89E-03	1.07E-03	3.95E-08	3.38E-05	7.67E-05	2.26E-04	8.30E-03
1909	495661.06, 3859251.99	0.0103	0.0054	0.0058	0.0107	0.0077	0.0731	0.0054	0.0054	1.40E-02	1.06E-03	3.91E-08	6.88E-05	1.57E-04	4.47E-04	1.58E-02	6.83E-03	1.06E-03	3.91E-08	3.35E-05	7.63E-05	2.18E-04	8.22E-03
1910	494311.06, 3859301.99	0.0131	0.0074	0.0087	0.0155	0.0091	0.0294	0.0072	0.0074	1.78E-02	1.45E-03	5.86E-08	9.96E-05	1.86E-04	1.80E-04	1.97E-02	8.67E-03	1.45E-03	5.86E-08	4.85E-05	9.04E-05	8.75E-05	1.04E-02
1911	494361.06, 3859301.99	0.013	0.0073	0.0086	0.0152	0.0091	0.0309	0.0071	0.0073	1.77E-02	1.43E-03	5.76E-08	9.80E-05	1.85E-04	1.89E-04	1.96E-02	8.60E-03	1.43E-03	5.76E-08	4.77E-05	8.99E-05	9.20E-05	1.03E-02
1912	494411.06, 3859301.99	0.0128	0.0072	0.0084	0.0149	0.009	0.0323	0.007	0.0072	1.75E-02	1.41E-03	5.63E-08	9.60E-05	1.83E-04	1.98E-04	1.94E-02	8.51E-03	1.41E-03	5.63E-08	4.67E-05	8.91E-05	9.62E-05	1.02E-02
1913	494461.06, 3859301.99	0.0127	0.0071	0.0082	0.0146	0.0089	0.0337	0.0069	0.0071	1.73E-02	1.39E-03	5.51E-08	9.42E-05	1.81E-04	2.06E-04	1.92E-02	8.43E-03	1.39E-03	5.51E-08	4.58E-05	8.83E-05	1.00E-04	1.01E-02
1914	494511.06, 3859301.99	0.0126	0.007	0.008	0.0144	0.0088	0.0356	0.0068	0.007	1.72E-02	1.37E-03	5.41E-08	9.24E-05	1.80E-04	2.18E-04	1.90E-02	8.35E-03	1.37E-03	5.41E-08	4.50E-05	8.76E-05	1.06E-04	9.96E-03
1915	494561.06, 3859301.99	0.0125	0.0069	0.0079	0.0142	0.0088	0.0386	0.0068	0.0069	1.70E-02	1.35E-03	5.32E-08	9.11E-05	1.79E-04	2.36E-04	1.89E-02	8.27E-03	1.35E-03	5.32E-08	4.43E-05	8.70E-05	1.15E-04	9.87E-03
1916	494611.06, 3859301.99	0.0124	0.0068	0.0077	0.0139	0.0087	0.0431	0.0067	0.0068	1.68E-02	1.34E-03	5.20E-08	8.96E-05	1.77E-04	2.63E-04	1.87E-02	8.19E-03	1.34E-03	5.20E-08	4.36E-05	8.63E-05	1.28E-04	9.78E-03
1917	494661.06, 3859301.99	0.0123	0.0067	0.0076	0.0137	0.0086	0.0498	0.0066	0.0067	1.67E-02	1.32E-03	5.10E-08	8.82E-05	1.76E-04	3.05E-04	1.86E-02	8.12E-03	1.32E-03	5.10E-08	4.29E-05	8.57E-05	1.48E-04	9.71E-03
1918	494711.06, 3859301.99	0.0121	0.0066	0.0074	0.0135	0.0085	0.0615	0.0065	0.0066	1.65E-02	1.30E-03	5.01E-08	8.66E-05	1.74E-04	3.76E-04	1.84E-02	8.04E-03	1.30E-03	5.01E-08	4.21E-05	8.48E-05	1.83E-04	9.65E-03

1919	494761.06, 3859301.99	0.012	0.0065	0.0073	0.0132	0.0085	0.0849	0.0064	0.0065	1.64E-02	1.28E-03	4.92E-08	8.52E-05	1.73E-04	5.19E-04	1.84E-02	7.97E-03	1.28E-03	4.92E-08	4.15E-05	8.40E-05	2.53E-04	9.62E-03
1920	494811.06, 3859301.99	0.0119	0.0064	0.0071	0.013	0.0083	0.1468	0.0063	0.0064	1.62E-02	1.26E-03	4.81E-08	8.33E-05	1.70E-04	8.98E-04	1.86E-02	7.88E-03	1.26E-03	4.81E-08	4.05E-05	8.27E-05	4.37E-04	9.70E-03
1921	494861.06, 3859301.99	0.0117	0.0063	0.0069	0.0126	0.0081	0.2052	0.0062	0.0063	1.60E-02	1.23E-03	4.67E-08	8.10E-05	1.66E-04	1.26E-03	1.87E-02	7.78E-03	1.23E-03	4.67E-08	3.94E-05	8.07E-05	6.11E-04	9.74E-03
1922	494911.06, 3859301.99	0.0116	0.0062	0.0068	0.0124	0.008	0.2093	0.0061	0.0062	1.58E-02	1.22E-03	4.59E-08	7.96E-05	1.64E-04	1.28E-03	1.86E-02	7.71E-03	1.22E-03	4.59E-08	3.88E-05	7.98E-05	6.23E-04	9.66E-03
1923	494961.06, 3859301.99	0.0115	0.006	0.0066	0.012	0.0078	0.1372	0.006	0.006	1.56E-02	1.19E-03	4.46E-08	7.73E-05	1.60E-04	8.39E-04	1.79E-02	7.60E-03	1.19E-03	4.46E-08	3.76E-05	7.77E-05	4.09E-04	9.31E-03
1924	495011.06, 3859301.99	0.0114	0.006	0.0065	0.0119	0.0078	0.1083	0.0059	0.006	1.55E-02	1.17E-03	4.40E-08	7.63E-05	1.58E-04	6.63E-04	1.75E-02	7.53E-03	1.17E-03	4.40E-08	3.71E-05	7.71E-05	3.23E-04	9.14E-03
1925	495061.06, 3859301.99	0.0113	0.006	0.0065	0.0119	0.0079	0.0949	0.0059	0.006	1.54E-02	1.18E-03	4.40E-08	7.67E-05	1.61E-04	5.81E-04	1.74E-02	7.50E-03	1.18E-03	4.40E-08	3.74E-05	7.84E-05	2.83E-04	9.08E-03
1926	495111.06, 3859301.99	0.0112	0.0059	0.0064	0.0117	0.0078	0.0842	0.0059	0.0059	1.52E-02	1.16E-03	4.33E-08	7.55E-05	1.59E-04	5.15E-04	1.72E-02	7.42E-03	1.16E-03	4.33E-08	3.68E-05	7.74E-05	2.51E-04	8.95E-03
1927	495161.06, 3859301.99	0.0111	0.0059	0.0064	0.0117	0.0078	0.0778	0.0058	0.0059	1.51E-02	1.16E-03	4.30E-08	7.51E-05	1.59E-04	4.76E-04	1.70E-02	7.36E-03	1.16E-03	4.30E-08	3.65E-05	7.74E-05	2.32E-04	8.87E-03
1928	495211.06, 3859301.99	0.0111	0.0059	0.0064	0.0117	0.0079	0.0735	0.0058	0.0059	1.50E-02	1.16E-03	4.28E-08	7.49E-05	1.60E-04	4.50E-04	1.69E-02	7.32E-03	1.16E-03	4.28E-08	3.65E-05	7.80E-05	2.19E-04	8.81E-03
1929	495261.06, 3859301.99	0.011	0.0059	0.0063	0.0116	0.0079	0.0702	0.0058	0.0059	1.49E-02	1.15E-03	4.25E-08	7.46E-05	1.61E-04	4.29E-04	1.68E-02	7.27E-03	1.15E-03	4.25E-08	3.63E-05	7.81E-05	2.09E-04	8.75E-03
1930	495311.06, 3859301.99	0.0109	0.0058	0.0062	0.0115	0.0078	0.0674	0.0058	0.0058	1.48E-02	1.14E-03	4.19E-08	7.37E-05	1.59E-04	4.12E-04	1.66E-02	7.20E-03	1.14E-03	4.19E-08	3.58E-05	7.75E-05	2.01E-04	8.66E-03
1931	495361.06, 3859301.99	0.0108	0.0058	0.0062	0.0114	0.0078	0.0653	0.0057	0.0058	1.47E-02	1.14E-03	4.16E-08	7.34E-05	1.60E-04	3.99E-04	1.65E-02	7.16E-03	1.14E-03	4.16E-08	3.57E-05	7.78E-05	1.94E-04	8.60E-03
1932	495411.06, 3859301.99	0.0107	0.0057	0.0061	0.0113	0.0078	0.0634	0.0057	0.0057	1.46E-02	1.13E-03	4.13E-08	7.29E-05	1.60E-04	3.88E-04	1.63E-02	7.10E-03	1.13E-03	4.13E-08	3.55E-05	7.78E-05	1.89E-04	8.54E-03
1933	495461.06, 3859301.99	0.0107	0.0057	0.0061	0.0113	0.0078	0.0616	0.0057	0.0057	1.45E-02	1.12E-03	4.10E-08	7.25E-05	1.60E-04	3.77E-04	1.62E-02	7.06E-03	1.12E-03	4.10E-08	3.53E-05	7.78E-05	1.83E-04	8.48E-03
1934	495511.06, 3859301.99	0.0106	0.0057	0.006	0.0111	0.0078	0.0599	0.0056	0.0057	1.44E-02	1.12E-03	4.05E-08	7.17E-05	1.59E-04	3.66E-04	1.61E-02	6.99E-03	1.12E-03	4.05E-08	3.49E-05	7.73E-05	1.78E-04	8.40E-03
1935	495561.06, 3859301.99	0.0104	0.0056	0.0059	0.011	0.0077	0.0582	0.0056	0.0056	1.42E-02	1.10E-03	3.98E-08	7.04E-05	1.57E-04	3.56E-04	1.59E-02	6.92E-03	1.10E-03	3.98E-08	3.43E-05	7.63E-05	1.73E-04	8.30E-03
1936	495611.06, 3859301.99	0.0104	0.0056	0.0059	0.0109	0.0077	0.0567	0.0055	0.0056	1.41E-02	1.09E-03	3.94E-08	6.98E-05	1.56E-04	3.47E-04	1.58E-02	6.87E-03	1.09E-03	3.94E-08	3.40E-05	7.60E-05	1.69E-04	8.24E-03
1937	495661.06, 3859301.99	0.0103	0.0055	0.0058	0.0108	0.0076	0.0548	0.0055	0.0055	1.40E-02	1.08E-03	3.89E-08	6.91E-05	1.55E-04	3.35E-04	1.56E-02	6.81E-03	1.08E-03	3.89E-08	3.37E-05	7.56E-05	1.63E-04	8.16E-03
1938	494311.06, 3859351.99	0.013	0.0076	0.0086	0.0156	0.0089	0.0324	0.0074	0.0076	1.76E-02	1.49E-03	5.82E-08	1.00E-04	1.81E-04	1.98E-04	1.96E-02	8.58E-03	1.49E-03	5.82E-08	4.89E-05	8.83E-05	9.65E-05	1.03E-02
1939	494361.06, 3859351.99	0.0128	0.0075	0.0085	0.0154	0.0088	0.0344	0.0073	0.0075	1.75E-02	1.47E-03	5.71E-08	9.87E-05	1.80E-04	2.10E-04	1.94E-02	8.51E-03	1.47E-03	5.71E-08	4.81E-05	8.78E-05	1.02E-04	1.02E-02
1940	494411.06, 3859351.99	0.0127	0.0073	0.0083	0.015	0.0088	0.0361	0.0072	0.0073	1.73E-02	1.44E-03	5.58E-08	9.66E-05	1.79E-04	2.21E-04	1.93E-02	8.44E-03	1.44E-03	5.58E-08	4.70E-05	8.70E-05	1.08E-04	1.01E-02
1941	494461.06, 3859351.99	0.0126	0.0072	0.0081	0.0147	0.0087	0.0376	0.0071	0.0072	1.72E-02	1.42E-03	5.47E-08	9.47E-05	1.77E-04	2.30E-04	1.91E-02	8.36E-03	1.42E-03	5.47E-08	4.61E-05	8.63E-05	1.12E-04	1.00E-02
1942	494511.06, 3859351.99	0.0125	0.0071	0.008	0.0145	0.0086	0.0397	0.007	0.0071	1.70E-02	1.40E-03	5.37E-08	9.31E-05	1.76E-04	2.43E-04	1.89E-02	8.28E-03	1.40E-03	5.37E-08	4.53E-05	8.57E-05	1.18E-04	9.93E-03
1943	494561.06, 3859351.99	0.0124	0.007	0.0079	0.0143	0.0086	0.0429	0.0069	0.007	1.69E-02	1.38E-03	5.29E-08	9.19E-05	1.75E-04	2.63E-04	1.88E-02	8.21E-03	1.38E-03	5.29E-08	4.47E-05	8.53E-05	1.28E-04	9.85E-03
1944	494611.06, 3859351.99	0.0123	0.007	0.0077	0.0141	0.0085	0.0473	0.0068	0.007	1.67E-02	1.37E-03	5.20E-08	9.04E-05	1.74E-04	2.89E-04	1.86E-02	8.13E-03	1.37E-03	5.20E-08	4.40E-05	8.48E-05	1.41E-04	9.77E-03
1945	494661.06, 3859351.99	0.0122	0.0069	0.0076	0.0138	0.0085	0.0541	0.0067	0.0069	1.66E-02	1.35E-03	5.10E-08	8.89E-05	1.73E-04	3.31E-04	1.85E-02	8.06E-03	1.35E-03	5.10E-08	4.33E-05	8.41E-05	1.61E-04	9.70E-03
1946	494711.06, 3859351.99	0.012	0.0067	0.0074	0.0136	0.0084	0.0655	0.0066	0.0067	1.64E-02	1.33E-03	4.98E-08	8.72E-05	1.71E-04	4.01E-04	1.84E-02	7.98E-03	1.33E-03	4.98E-08	4.24E-05	8.32E-05	1.95E-04	9.63E-03
1947	494761.06, 3859351.99	0.0119	0.0066	0.0072	0.0132	0.0083	0.0883	0.0065	0.0066	1.62E-02	1.30E-03	4.85E-08	8.49E-05	1.68E-04	5.40E-04	1.83E-02	7.90E-03	1.30E-03	4.85E-08	4.13E-05	8.20E-05	2.63E-04	9.58E-03
1948	494811.06, 3859351.99	0.0118	0.0065	0.007	0.0128	0.0081	0.1528	0.0064	0.0065	1.60E-02	1.27E-03	4.71E-08	8.25E-05	1.64E-04	9.35E-04	1.85E-02	7.81E-03	1.27E-03	4.71E-08	4.01E-05	8.00E-05	4.55E-04	9.65E-03
1949	494861.06, 3859351.99	0.0117	0.0064	0.0069	0.0126	0.008	0.2726	0.0063	0.0064	1.59E-02	1.26E-03	4.63E-08	8.13E-05	1.63E-04	1.67E-03	1.91E-02	7.73E-03	1.26E-03	4.63E-08	3.96E-05	7.94E-05	8.12E-04	9.92E-03
1950	494911.06, 3859351.99	0.0116	0.0063	0.0068	0.0125	0.008	0.2113	0.0063	0.0063	1.58E-02	1.25E-03	4.58E-08	8.05E-05	1.63E-04	1.29E-03	1.85E-02	7.67E-03	1.25E-03	4.58E-08	3.92E-05	7.91E-05	6.29E-04	9.66E-03
1951	494961.06, 3859351.99	0.0115	0.0062	0.0067	0.0123	0.0079	0.1421	0.0062	0.0062	1.56E-02	1.23E-03	4.50E-08	7.92E-05	1.61E-04	8.70E-04	1.79E-02	7.59E-03	1.23E-03	4.50E-08	3.85E-05	7.83E-05	4.23E-04	9.36E-03
1952	495011.06, 3859351.99	0.0114	0.0062	0.0066	0.0122	0.0078	0.1102	0.0061	0.0062	1.55E-02	1.22E-03	4.44E-08	7.82E-05	1.60E-04	6.74E-04	1.76E-02	7.52E-03	1.22E-03	4.44E-08	3.81E-05	7.78E-05	3.28E-04	9.18E-03
1953	495061.06, 3859351.99	0.0113	0.0062	0.0066	0.0122	0.0079	0.0937	0.0061	0.0062	1.54E-02	1.22E-03	4.43E-08	7.83E-05	1.61E-04	5.73E-04	1.74E-02	7.48E-03	1.22E-03	4.43E-08	3.81E-05	7.85E-05	2.79E-04	9.09E-03
1954	495111.06, 3859351.99	0.0112	0.0061	0.0065	0.012	0.0079	0.0821	0.0061	0.0061	1.52E-02	1.20E-03	4.36E-08	7.72E-05	1.60E-04	5.03E-04	1.72E-02	7.41E-03	1.20E-03	4.36E-08	3.76E-05	7.79E-05	2.45E-04	8.97E-03
1955	495161.06, 3859351.99	0.0111	0.0061	0.0064	0.0119	0.0078	0.0744	0.006	0.0061	1.51E-02	1.20E-03	4.32E-08	7.65E-05	1.60E-04	4.55E-04	1.70E-02	7.35E-03	1.20E-03	4.32E-08	3.73E-05	7.78E-05	2.22E-04	8.88E-03
1956	495211.06, 3859351.99	0.011	0.006	0.0064	0.0118	0.0078	0.0687	0.006	0.006	1.50E-02	1.19E-03	4.28E-08	7.59E-05	1.59E-04	4.20E-04	1.68E-02	7.29E-03	1.19E-03	4.28E-08	3.69E-05	7.76E-05	2.05E-04	8.80E-03
1957	495261.06, 3859351.99	0.0109	0.006	0.0063	0.0117	0.0078	0.0645	0.0059	0.006	1.49E-02	1.18E-03	4.24E-08	7.55E-05	1.60E-04	3.94E-04	1.67E-02	7.24E-03	1.18E-03	4.24E-08	3.67E-05	7.77E-05	1.92E-04	8.73E-03
1958	495311.06, 3859351.99	0.0108	0.0059	0.0062	0.0116	0.0078	0.0608	0.0059	0.0059	1.47E-02	1.17E-03	4.19E-08	7.46E-05	1.59E-04	3.72E-04	1.65E-02	7.18E-03	1.17E-03	4.19E-08	3.63E-05	7.73E-05	1.81E-04	8.64E-03
1959	495361.06, 3859351.99	0.0107	0.0059	0.0062	0.0115	0.0078	0.0579	0.0059	0.0059	1.46E-02	1.16E-03	4.15E-08	7.40E-05	1.58E-04	3.55E-04	1.64E-02	7.12E-03	1.16E-03	4.15E-08	3.60E-05	7.71E-05	1.73E-04	8.57E-03
1960	495411.06, 3859351.99	0.0107	0.0059	0.0061	0.0114	0.0078	0.0556	0.0058	0.0059	1.45E-02	1.16E-03	4.11E-08	7.35E-05	1.59E-04	3.40E-04	1.62E-02	7.06E-03	1.16E-03	4.11E-08	3.58E-05	7.72E-05	1.65E-04	8.50E-03
1961	495461.06, 3859351.99	0.0106	0.0059	0.0061	0.0114	0.0078	0.0535	0.0058	0.0059	1.44E-02	1.15E-03	4.09E-08	7.32E-05	1.59E-04	3.27E-04	1.61E-02	7.02E-03	1.15E-03	4.09E-08	3.56E-05	7.74E-05	1.59E-04	8.44E-03
1962	495511.06, 3859351.99	0.0105	0.0058	0.006	0.0112	0.0077	0.0515	0.0057	0.0058	1.43E-02	1.14E-03	4.03E-08	7.21E-05	1.57E-04	3.15E-04	1.60E-02	6.95E-03	1.14E-03	4.03E-08	3.51E-05	7.66E-05	1.53E-04	8.36E-03
1963	495561.06, 3859351.99	0.0104	0.0057	0.0059	0.0111	0.0077	0.0498	0.0057	0.0057	1.42E-02	1.13E-03	3.98E-08	7.13E-05	1.56E-04	3.05E-04	1.58E-02	6.89E-03	1.13E-03	3.98E-08	3.47E-05	7.61E-05	1.48E-04	8.28E-03
1964	495611.06, 3859351.99	0.0103	0.0057	0.0059	0.011	0.0076	0.0482	0.0057	0.0057	1.41E-02	1.12E-03	3.94E-08	7.06E-05	1.56E-04	2.95E-04	1.57E-02	6.84E-03	1.12E-03	3.94E-08	3.44E-05	7.58E-05	1.43E-04	8.21E-03
1965	495661.06, 3859351.99	0.0102	0.0056	0.0058	0.0108	0.0076	0.0464	0.0056	0.0056	1.39E-02	1.11E-03	3.88E-08	6.95E-05	1.54E-04	2.84E-04	1.55E-02	6.77E-03	1.11E-03	3.88E-08	3.38E-05	7.51E-05	1.38E-04	8.13E-03
1966	494311.06, 3859401.99	0.0128	0.0078	0.0086	0.0158	0.0087	0.0368	0.0076	0.0078	1.74E-02	1.53E-03	5.78E-08	1.02E-04	1.77E-04	2.25E-04	1.94E-02	8.48E-03	1.53E-03	5.78E-08	4.94E-05	8.62E-05	1.10E-04	1.02E-02
1967	494361.06, 3859401.99	0.0127	0.0076	0.0084	0.0154	0.0086	0.0398	0.0075	0.0076	1.73E-02	1.50E-03	5.66E-08	9.93E-05	1.76E-04	2.44E-04	1.93E-02	8.41E-03	1.50E-03	5.66E-08	4.83E-05	8.56E-05	1.19E-04	1.02E-02
1968	494411.06, 3859401.99	0.0126	0.0075	0.0082	0.0151	0.0086	0.0428	0.0073	0.0075	1.72E-02	1.48E-03	5.52E-08	9.71E-05	1.74E-04	2.62E-04	1.92E-02	8.35E-03	1.48E-03	5.52E-08	4.72E-05	8.49E-05	1.27E-04	1.01E-02
1969	494461.06, 3859401.99	0.0125	0.0074	0.0081	0.0148	0.0085	0.045	0.0072	0.0074	1.70E-02	1.45E-03	5.42E-08	9.54E-05	1.73E-04	2.75E-04	1.90E-02	8.28E-03	1.45E-03	5.42E-08	4.64E-05	8.43E-05	1.34E-04	1.00E-02
1970	494511.06, 3859401.99	0.0124	0.0073	0.0079	0.0146	0.0085	0.0478	0.0072	0.0073	1.69E-02	1.44E-03	5.34E-08	9.41E-05	1.73E-04	2.92E-04	1.89E-02	8.21E-03	1.44E-03	5.34E-08	4.58E-05	8.40E-05	1.42E-04	9.92E-03
1971	494561.06, 3859401.99	0.0123	0.0072	0.0078	0.0144	0.0084	0.0516	0.0071	0.0072	1.67E-02	1.42E-03	5.25E-08	9.27E-05	1.72E-04	3.16E-04	1.87E-02	8.14E-03	1.42E-03	5.25E-08	4.51E-05	8.36E-05	1.54E-04	9.84E-03
1972	494611.06, 3859401.99	0.0122	0.0071	0.0077	0.0142	0.0084	0.0568	0.007	0.0071	1.66E-02	1.40E-03	5.16E-08	9.11E-05	1.71E-04	3.47E-04	1.86E-02	8.06E-03	1.40E-03	5.16E-08	4.43E-05	8.30E-05	1.69E-04	9.76E-03
1973	494661.06, 3859401.99	0.0121	0.007	0.0075	0.014	0.0083	0.0643	0.0069	0.007	1.64E-02	1.39E-03	5.08E-08	8.99E-05	1.70E-04	3.93E-04	1.85E-02	7.99E-03	1.39E-03	5.08E-08	4.37E-05	8.27E-05	1.91E-04	9.70E-03
1974	494711.06, 3859401.99	0.012	0.0069	0.0074	0.0138	0.0083	0.0758	0.0068	0.0069	1.63E-02	1.37E-03	5.00E-08	8.84E-05	1.69E-04	4.63E-04	1.84E-02	7.92E-03	1.37E-03	5.00E-08	4.31E-05	8.22E-05	2.26E-04	9.64E-03
1975	494761.06, 3859401.99	0.0118	0.0068	0.0072	0.0134	0.0082	0.0976	0.0067	0.0068	1.61E-02	1.33E-03	4.84E-08	8.59E-05	1.66E-04	5.97E-04	1.83E-02	7.84E-03	1.33E-03	4.84E-08	4.18E-05	8.09E-05	2.91E-04	9.59E-03
1976	494811.06, 3859401.99	0.0117	0.0067	0.007	0.0131	0.0081	0.1571	0.0066	0.0067	1.59E-02	1.32E-03	4.74E-08	8.43E-05	1.64E-04	9.61E-04	1.85E-02	7.76E-03	1.32E-03	4.74E-08	4.10E-05	8.00E-05	4.68E-04	9.66E-03
1977	494861.06, 3859401.99	0.0116	0.0066	0.0069	0.0128	0.0079	0.2782	0.0065	0.0066	1.58E-02	1.29E-03	4.63E-08	8.22E-05	1.62E-04	1.70E-03	1.90E-02	7.68E-03	1.29E-03	4.63E-08	4.00E-05	7.87E-05	8.29E-04	9.92E-03
1978	494911.06, 3859401.99	0.0115	0.0065	0.0067	0.0126	0.0079	0.2173	0.0064	0.0065	1.56E-02	1.27E-03	4.54E-08	8.07E-05	1.60E-04	1.33E-03	1.85E-02	7.61E-03	1.27E-03	4.54E-08	3.93E-05	7.80E-05	6.47E-04	9.64E-03
1979	494961.06, 3859401.99	0.0114	0.0064	0.0067	0.0124	0.0078	0.1479	0.0063	0.0064	1.55E-02	1.26E-03	4.48E-08	8.00E-05	1.60E-04	9.05E-04	1.79E-02	7.54E-03	1.26E-03	4.48E-08	3.89E-05	7.77E-05	4.41E-04	9.36E-03
1980	495011.06, 3859401.99	0.0113	0.0064	0.0066	0.0123	0.0078	0.1152	0.0063	0.0064	1.54E-02	1.25E-03	4.44E-08	7.93E-05	1.59E-04	7.05E-04	1.76E-02	7.48E-03	1.25E-03	4.44E-08	3.86E-05	7.75E-05	3.43E-04	9.19E-03

1981	495061.06, 3859401.99	0.0112	0.0063	0.0065	0.0122	0.0078	0.0966	0.0062	0.0063	1.53E-02	1.24E-03	4.40E-08	7.86E-05	1.59E-04	5.91E-04	1.73E-02	7.43E-03	1.24E-03	4.40E-08	3.83E-05	7.76E-05	2.88E-04	9.07E-03
1982	495111.06, 3859401.99	0.0111	0.0062	0.0064	0.0121	0.0078	0.0836	0.0062	0.0062	1.51E-02	1.23E-03	4.33E-08	7.75E-05	1.58E-04	5.11E-04	1.71E-02	7.36E-03	1.23E-03	4.33E-08	3.77E-05	7.70E-05	2.49E-04	8.95E-03
1983	495161.06, 3859401.99	0.011	0.0062	0.0064	0.012	0.0078	0.0747	0.0062	0.0062	1.50E-02	1.22E-03	4.30E-08	7.71E-05	1.58E-04	4.57E-04	1.69E-02	7.30E-03	1.22E-03	4.30E-08	3.75E-05	7.70E-05	2.23E-04	8.86E-03
1984	495211.06, 3859401.99	0.0109	0.0062	0.0063	0.0119	0.0078	0.0683	0.0061	0.0062	1.49E-02	1.22E-03	4.27E-08	7.67E-05	1.58E-04	4.18E-04	1.68E-02	7.24E-03	1.22E-03	4.27E-08	3.74E-05	7.71E-05	2.03E-04	8.78E-03
1985	495261.06, 3859401.99	0.0109	0.0061	0.0063	0.0118	0.0078	0.063	0.0061	0.0061	1.48E-02	1.21E-03	4.22E-08	7.60E-05	1.58E-04	3.85E-04	1.66E-02	7.19E-03	1.21E-03	4.22E-08	3.70E-05	7.69E-05	1.88E-04	8.70E-03
1986	495311.06, 3859401.99	0.0108	0.0061	0.0062	0.0117	0.0077	0.0587	0.006	0.0061	1.46E-02	1.20E-03	4.18E-08	7.53E-05	1.58E-04	3.59E-04	1.64E-02	7.13E-03	1.20E-03	4.18E-08	3.67E-05	7.67E-05	1.75E-04	8.62E-03
1987	495361.06, 3859401.99	0.0107	0.0061	0.0062	0.0117	0.0078	0.0554	0.006	0.0061	1.45E-02	1.20E-03	4.15E-08	7.50E-05	1.58E-04	3.39E-04	1.63E-02	7.08E-03	1.20E-03	4.15E-08	3.65E-05	7.69E-05	1.65E-04	8.55E-03
1988	495411.06, 3859401.99	0.0106	0.006	0.0061	0.0116	0.0078	0.0525	0.006	0.006	1.44E-02	1.19E-03	4.12E-08	7.45E-05	1.58E-04	3.21E-04	1.62E-02	7.02E-03	1.19E-03	4.12E-08	3.63E-05	7.69E-05	1.56E-04	8.48E-03
1989	495461.06, 3859401.99	0.0105	0.006	0.0061	0.0115	0.0077	0.0499	0.0059	0.006	1.43E-02	1.18E-03	4.07E-08	7.37E-05	1.57E-04	3.05E-04	1.60E-02	6.96E-03	1.18E-03	4.07E-08	3.58E-05	7.65E-05	1.48E-04	8.40E-03
1990	495511.06, 3859401.99	0.0104	0.0059	0.006	0.0113	0.0077	0.0476	0.0059	0.0059	1.42E-02	1.16E-03	4.01E-08	7.26E-05	1.56E-04	2.91E-04	1.59E-02	6.91E-03	1.16E-03	4.01E-08	3.53E-05	7.59E-05	1.42E-04	8.32E-03
1991	495561.06, 3859401.99	0.0103	0.0058	0.0059	0.0111	0.0076	0.0455	0.0058	0.0058	1.41E-02	1.15E-03	3.95E-08	7.14E-05	1.54E-04	2.78E-04	1.57E-02	6.84E-03	1.15E-03	3.95E-08	3.48E-05	7.51E-05	1.35E-04	8.23E-03
1992	495611.06, 3859401.99	0.0102	0.0058	0.0058	0.011	0.0075	0.0437	0.0058	0.0058	1.39E-02	1.14E-03	3.90E-08	7.07E-05	1.54E-04	2.67E-04	1.56E-02	6.79E-03	1.14E-03	3.90E-08	3.44E-05	7.48E-05	1.30E-04	8.17E-03
1993	495661.06, 3859401.99	0.0102	0.0058	0.0057	0.0109	0.0075	0.042	0.0057	0.0058	1.38E-02	1.13E-03	3.86E-08	7.00E-05	1.53E-04	2.57E-04	1.54E-02	6.73E-03	1.13E-03	3.86E-08	3.41E-05	7.45E-05	1.25E-04	8.10E-03
1994	494311.06, 3859451.99	0.0126	0.0079	0.0085	0.0158	0.0084	0.043	0.0077	0.0079	1.72E-02	1.56E-03	5.70E-08	1.02E-04	1.72E-04	2.63E-04	1.93E-02	8.37E-03	1.56E-03	5.70E-08	4.95E-05	8.38E-05	1.28E-04	1.02E-02
1995	494361.06, 3859451.99	0.0125	0.0078	0.0083	0.0155	0.0084	0.049	0.0076	0.0078	1.71E-02	1.53E-03	5.58E-08	9.97E-05	1.71E-04	3.00E-04	1.92E-02	8.30E-03	1.53E-03	5.58E-08	4.85E-05	8.33E-05	1.46E-04	1.01E-02
1996	494411.06, 3859451.99	0.0125	0.0076	0.0081	0.0151	0.0083	0.0552	0.0075	0.0076	1.70E-02	1.50E-03	5.43E-08	9.70E-05	1.69E-04	3.38E-04	1.91E-02	8.25E-03	1.50E-03	5.43E-08	4.72E-05	8.25E-05	1.64E-04	1.00E-02
1997	494461.06, 3859451.99	0.0123	0.0076	0.008	0.0149	0.0083	0.0607	0.0074	0.0076	1.68E-02	1.49E-03	5.36E-08	9.58E-05	1.69E-04	3.72E-04	1.89E-02	8.18E-03	1.49E-03	5.36E-08	4.67E-05	8.23E-05	1.81E-04	9.97E-03
1998	494511.06, 3859451.99	0.0123	0.0074	0.0078	0.0146	0.0082	0.0659	0.0073	0.0074	1.67E-02	1.47E-03	5.27E-08	9.42E-05	1.68E-04	4.03E-04	1.88E-02	8.12E-03	1.47E-03	5.27E-08	4.58E-05	8.18E-05	1.96E-04	9.91E-03
1999	494561.06, 3859451.99	0.0122	0.0074	0.0077	0.0144	0.0082	0.0733	0.0072	0.0074	1.65E-02	1.45E-03	5.19E-08	9.28E-05	1.67E-04	4.48E-04	1.87E-02	8.05E-03	1.45E-03	5.19E-08	4.52E-05	8.15E-05	2.18E-04	9.85E-03
2000	494611.06, 3859451.99	0.0121	0.0073	0.0076	0.0143	0.0082	0.0826	0.0072	0.0073	1.64E-02	1.44E-03	5.12E-08	9.19E-05	1.67E-04	5.05E-04	1.86E-02	7.99E-03	1.44E-03	5.12E-08	4.47E-05	8.14E-05	2.46E-04	9.80E-03
2001	494661.06, 3859451.99	0.0119	0.0072	0.0075	0.014	0.0081	0.0915	0.0071	0.0072	1.63E-02	1.42E-03	5.02E-08	9.02E-05	1.66E-04	5.60E-04	1.85E-02	7.91E-03	1.42E-03	5.02E-08	4.39E-05	8.08E-05	2.72E-04	9.73E-03
2002	494711.06, 3859451.99	0.0118	0.0071	0.0073	0.0138	0.0081	0.1032	0.007	0.0071	1.61E-02	1.40E-03	4.93E-08	8.85E-05	1.65E-04	6.31E-04	1.84E-02	7.84E-03	1.40E-03	4.93E-08	4.31E-05	8.02E-05	3.07E-04	9.67E-03
2003	494761.06, 3859451.99	0.0117	0.007	0.0072	0.0135	0.008	0.1244	0.0069	0.007	1.60E-02	1.38E-03	4.85E-08	8.71E-05	1.64E-04	7.61E-04	1.83E-02	7.77E-03	1.38E-03	4.85E-08	4.24E-05	7.98E-05	3.70E-04	9.64E-03
2004	494811.06, 3859451.99	0.0116	0.0069	0.007	0.0132	0.008	0.1811	0.0068	0.0069	1.58E-02	1.35E-03	4.74E-08	8.52E-05	1.62E-04	1.11E-03	1.85E-02	7.69E-03	1.35E-03	4.74E-08	4.15E-05	7.89E-05	5.39E-04	9.71E-03
2005	494861.06, 3859451.99	0.0115	0.0068	0.0069	0.013	0.0079	0.2256	0.0067	0.0068	1.57E-02	1.33E-03	4.63E-08	8.35E-05	1.61E-04	1.38E-03	1.86E-02	7.62E-03	1.33E-03	4.63E-08	4.06E-05	7.81E-05	6.72E-04	9.74E-03
2006	494911.06, 3859451.99	0.0114	0.0067	0.0068	0.0128	0.0078	0.2368	0.0066	0.0067	1.55E-02	1.31E-03	4.56E-08	8.23E-05	1.59E-04	1.45E-03	1.85E-02	7.55E-03	1.31E-03	4.56E-08	4.00E-05	7.76E-05	7.05E-04	9.69E-03
2007	494961.06, 3859451.99	0.0113	0.0066	0.0067	0.0127	0.0078	0.1638	0.0065	0.0066	1.54E-02	1.30E-03	4.50E-08	8.14E-05	1.59E-04	1.00E-03	1.79E-02	7.49E-03	1.30E-03	4.50E-08	3.96E-05	7.74E-05	4.88E-04	9.40E-03
2008	495011.06, 3859451.99	0.0112	0.0066	0.0066	0.0125	0.0078	0.1262	0.0065	0.0066	1.52E-02	1.29E-03	4.44E-08	8.04E-05	1.58E-04	7.72E-04	1.75E-02	7.42E-03	1.29E-03	4.44E-08	3.91E-05	7.71E-05	3.76E-04	9.20E-03
2009	495061.06, 3859451.99	0.0111	0.0065	0.0065	0.0124	0.0077	0.1034	0.0064	0.0065	1.51E-02	1.28E-03	4.38E-08	7.94E-05	1.58E-04	6.32E-04	1.73E-02	7.36E-03	1.28E-03	4.38E-08	3.87E-05	7.67E-05	3.08E-04	9.06E-03
2010	495111.06, 3859451.99	0.011	0.0064	0.0064	0.0122	0.0077	0.0879	0.0063	0.0064	1.50E-02	1.26E-03	4.33E-08	7.85E-05	1.57E-04	5.38E-04	1.70E-02	7.30E-03	1.26E-03	4.33E-08	3.82E-05	7.64E-05	2.62E-04	8.94E-03
2011	495161.06, 3859451.99	0.0109	0.0064	0.0064	0.0121	0.0077	0.0772	0.0063	0.0064	1.49E-02	1.26E-03	4.29E-08	7.79E-05	1.57E-04	4.72E-04	1.68E-02	7.24E-03	1.26E-03	4.29E-08	3.79E-05	7.63E-05	2.30E-04	8.84E-03
2012	495211.06, 3859451.99	0.0108	0.0064	0.0063	0.012	0.0077	0.0693	0.0063	0.0064	1.48E-02	1.25E-03	4.26E-08	7.74E-05	1.57E-04	4.24E-04	1.67E-02	7.18E-03	1.25E-03	4.26E-08	3.77E-05	7.64E-05	2.06E-04	8.76E-03
2013	495261.06, 3859451.99	0.0108	0.0063	0.0063	0.012	0.0077	0.0631	0.0062	0.0063	1.46E-02	1.24E-03	4.23E-08	7.69E-05	1.57E-04	3.86E-04	1.65E-02	7.13E-03	1.24E-03	4.23E-08	3.74E-05	7.64E-05	1.88E-04	8.68E-03
2014	495311.06, 3859451.99	0.0107	0.0063	0.0062	0.0118	0.0077	0.058	0.0062	0.0063	1.45E-02	1.23E-03	4.18E-08	7.62E-05	1.57E-04	3.55E-04	1.63E-02	7.07E-03	1.23E-03	4.18E-08	3.71E-05	7.62E-05	1.73E-04	8.59E-03
2015	495361.06, 3859451.99	0.0106	0.0062	0.0062	0.0117	0.0077	0.0539	0.0062	0.0062	1.44E-02	1.23E-03	4.14E-08	7.55E-05	1.56E-04	3.30E-04	1.62E-02	7.02E-03	1.23E-03	4.14E-08	3.68E-05	7.61E-05	1.60E-04	8.52E-03
2016	495411.06, 3859451.99	0.0105	0.0062	0.0061	0.0116	0.0076	0.0504	0.0061	0.0062	1.43E-02	1.22E-03	4.09E-08	7.47E-05	1.56E-04	3.08E-04	1.61E-02	6.96E-03	1.22E-03	4.09E-08	3.64E-05	7.58E-05	1.50E-04	8.44E-03
2017	495461.06, 3859451.99	0.0104	0.0061	0.006	0.0115	0.0076	0.0476	0.0061	0.0061	1.42E-02	1.21E-03	4.05E-08	7.41E-05	1.55E-04	2.91E-04	1.59E-02	6.91E-03	1.21E-03	4.05E-08	3.61E-05	7.56E-05	1.42E-04	8.36E-03
2018	495511.06, 3859451.99	0.0103	0.006	0.0059	0.0113	0.0076	0.045	0.006	0.006	1.41E-02	1.19E-03	3.99E-08	7.29E-05	1.54E-04	2.75E-04	1.58E-02	6.85E-03	1.19E-03	3.99E-08	3.55E-05	7.50E-05	1.34E-04	8.28E-03
2019	495561.06, 3859451.99	0.0103	0.006	0.0059	0.0112	0.0075	0.0429	0.0059	0.006	1.40E-02	1.18E-03	3.94E-08	7.21E-05	1.53E-04	2.62E-04	1.56E-02	6.79E-03	1.18E-03	3.94E-08	3.51E-05	7.46E-05	1.28E-04	8.21E-03
2020	495611.06, 3859451.99	0.0102	0.0059	0.0058	0.0111	0.0075	0.0409	0.0059	0.0059	1.38E-02	1.17E-03	3.89E-08	7.13E-05	1.53E-04	2.50E-04	1.55E-02	6.73E-03	1.17E-03	3.89E-08	3.47E-05	7.43E-05	1.22E-04	8.13E-03
2021	495661.06, 3859451.99	0.0101	0.0059	0.0057	0.011	0.0074	0.0392	0.0058	0.0059	1.37E-02	1.16E-03	3.84E-08	7.06E-05	1.52E-04	2.40E-04	1.53E-02	6.68E-03	1.16E-03	3.84E-08	3.43E-05	7.39E-05	1.17E-04	8.07E-03
2022	494311.06, 3859501.99	0.0125	0.0081	0.0084	0.0159	0.0082	0.051	0.0079	0.0081	1.70E-02	1.60E-03	5.62E-08	1.02E-04	1.67E-04	3.12E-04	1.91E-02	8.25E-03	1.60E-03	5.62E-08	4.98E-05	8.14E-05	1.52E-04	1.01E-02
2023	494361.06, 3859501.99	0.0124	0.008	0.0082	0.0156	0.0082	0.0646	0.0078	0.008	1.68E-02	1.57E-03	5.51E-08	1.00E-04	1.66E-04	3.96E-04	1.91E-02	8.19E-03	1.57E-03	5.51E-08	4.87E-05	8.10E-05	1.93E-04	1.01E-02
2024	494411.06, 3859501.99	0.0123	0.0078	0.0079	0.0151	0.0081	0.0838	0.0076	0.0078	1.67E-02	1.53E-03	5.33E-08	9.68E-05	1.65E-04	5.13E-04	1.90E-02	8.14E-03	1.53E-03	5.33E-08	4.71E-05	8.01E-05	2.50E-04	1.00E-02
2025	494461.06, 3859501.99	0.0122	0.0077	0.0079	0.015	0.0081	0.1066	0.0076	0.0077	1.66E-02	1.52E-03	5.31E-08	9.64E-05	1.65E-04	6.52E-04	1.90E-02	8.07E-03	1.52E-03	5.31E-08	4.69E-05	8.03E-05	3.18E-04	1.00E-02
2026	494511.06, 3859501.99	0.0121	0.0076	0.0077	0.0147	0.008	0.1274	0.0074	0.0076	1.64E-02	1.50E-03	5.21E-08	9.45E-05	1.64E-04	7.80E-04	1.90E-02	8.01E-03	1.50E-03	5.21E-08	4.60E-05	7.98E-05	3.80E-04	1.00E-02
2027	494561.06, 3859501.99	0.012	0.0075	0.0076	0.0144	0.008	0.1519	0.0074	0.0075	1.63E-02	1.48E-03	5.11E-08	9.29E-05	1.63E-04	9.30E-04	1.90E-02	7.95E-03	1.48E-03	5.11E-08	4.52E-05	7.95E-05	4.53E-04	1.00E-02
2028	494611.06, 3859501.99	0.0119	0.0075	0.0076	0.0144	0.008	0.1766	0.0073	0.0075	1.62E-02	1.48E-03	5.09E-08	9.26E-05	1.64E-04	1.08E-03	1.90E-02	7.87E-03	1.48E-03	5.09E-08	4.51E-05	7.97E-05	5.26E-04	1.00E-02
2029	494661.06, 3859501.99	0.0118	0.0074	0.0074	0.0141	0.008	0.1895	0.0072	0.0074	1.61E-02	1.45E-03	4.98E-08	9.07E-05	1.63E-04	1.16E-03	1.89E-02	7.81E-03	1.45E-03	4.98E-08	4.41E-05	7.91E-05	5.64E-04	9.95E-03
2030	494711.06, 3859501.99	0.0117	0.0072	0.0072	0.0138	0.0079	0.1986	0.0071	0.0072	1.59E-02	1.42E-03	4.87E-08	8.85E-05	1.61E-04	1.22E-03	1.88E-02	7.76E-03	1.42E-03	4.87E-08	4.31E-05	7.83E-05	5.91E-04	9.90E-03
2031	494761.06, 3859501.99	0.0116	0.0072	0.0072	0.0137	0.0079	0.2184	0.007	0.0072	1.58E-02	1.41E-03	4.82E-08	8.78E-05	1.61E-04	1.34E-03	1.88E-02	7.69E-03	1.41E-03	4.82E-08	4.27E-05	7.83E-05	6.51E-04	9.88E-03
2032	494811.06, 3859501.99	0.0115	0.007	0.007	0.0133	0.0078	0.2571	0.0069	0.007	1.56E-02	1.38E-03	4.69E-08	8.53E-05	1.59E-04	1.57E-03	1.88E-02	7.61E-03	1.38E-03	4.69E-08	4.15E-05	7.72E-05	7.66E-04	9.88E-03
2033	494861.06, 3859501.99	0.0114	0.0069	0.0069	0.0131	0.0077	0.2886	0.0068	0.0069	1.55E-02	1.37E-03	4.62E-08	8.41E-05	1.58E-04	1.77E-03	1.89E-02	7.55E-03	1.37E-03	4.62E-08	4.09E-05	7.68E-05	8.60E-04	9.89E-03
2034	494911.06, 3859501.99	0.0113	0.0069	0.0068	0.0129	0.0077	0.2825	0.0068	0.0069	1.54E-02	1.35E-03	4.57E-08	8.32E-05	1.58E-04	1.73E-03	1.87E-02	7.48E-03	1.35E-03	4.57E-08	4.05E-05	7.67E-05	8.41E-04	9.79E-03
2035	494961.06, 3859501.99	0.0112	0.0068	0.0067	0.0127	0.0077	0.1876	0.0067	0.0068	1.52E-02	1.34E-03	4.49E-08	8.18E-05	1.57E-04	1.15E-03	1.80E-02	7.42E-03	1.34E-03	4.49E-08	3.98E-05	7.62E-05	5.59E-04	9.43E-03
2036	495011.06, 3859501.99	0.0111	0.0067	0.0066	0.0126	0.0077	0.1381	0.0066	0.0067	1.51E-02	1.33E-03	4.44E-08	8.10E-05	1.56E-04	8.45E-04	1.75E-02	7.36E-03	1.33E-03	4.44E-08	3.95E-05	7.60E-05	4.11E-04	9.21E-03
2037	495061.06, 3859501.99	0.011	0.0067	0.0065	0.0125	0.0077	0.1088	0.0066	0.0067	1.50E-02	1.32E-03	4.40E-08	8.03E-05	1.56E-04	6.66E-04	1.72E-02	7.30E-03	1.32E-03	4.40E-08	3.91E-05	7.59E-05	3.24E-04	9.05E-03
2038	495111.06, 3859501.99	0.0109	0.0066	0.0064	0.0123	0.0076	0.0894	0.0065	0.0066	1.49E-02	1.30E-03	4.31E-08	7.91E-05	1.55E-04	5.47E-04	1.69E-02	7.23E-03	1.30E-03	4.31E-08	3.85E-05	7.54E-05	2.66E-04	8.91E-03
2039	495161.06, 3859501.99	0.0108	0.0065	0.0063	0.0122	0.0076	0.0768	0.0065	0.0065	1.47E-02	1.29E-03	4.27E-08	7.84E-05	1.55E-04	4.70E-04	1.67E-02	7.17E-03	1.29E-03	4.27E-08	3.82E-05	7.53E-05	2.29E-04	8.80E-03
2040	495211.06, 3859501.99	0.0107	0.0065	0.0063	0.0121	0.0076	0.0679	0.0064	0.0065	1.46E-02	1.28E-03	4.24E-08	7.80E-05	1.55E-04	4.16E-04	1.66E-02	7.12E-03	1.28E-03	4.24E-08	3.79E-05	7.54E-05	2.02E-04	8.72E-03
2041	495261.06, 3859501.99	0.0107	0.0065	0.0062	0.012	0.0076	0.0611	0.0064	0.0065	1.45E-02	1.27E-03	4.20E-08	7.73E-05	1.55E-04	3.74E-04	1.64E-02	7.06E-03	1.27E-03	4.20E-08	3.76E-05	7.53E-05	1.82E-04	8.63E-03
2042	495311.06, 3859501.99	0.0106	0.0064	0.0062	0.0119	0.0076	0.0558	0.0063	0.0064	1.44E-02	1.27E-03	4.17E-08	7.68E-05	1.55E-04	3.42E-04	1.62E-02	7.00E-03	1.27E-03	4.17E-08	3.74E-05	7.53E-05	1.66E-04	8.55E-03

2043	495361.06, 3859501.99	0.0105	0.0064	0.0061	0.0118	0.0076	0.0516	0.0063	0.0064	1.43E-02	1.25E-03	4.12E-08	7.60E-05	1.54E-04	3.15E-04	1.61E-02	6.95E-03	1.25E-03	4.12E-08	3.70E-05	7.51E-05	1.54E-04	8.47E-03
2044	495411.06, 3859501.99	0.0104	0.0063	0.0061	0.0117	0.0076	0.0481	0.0063	0.0063	1.42E-02	1.25E-03	4.08E-08	7.54E-05	1.54E-04	2.95E-04	1.59E-02	6.89E-03	1.25E-03	4.08E-08	3.67E-05	7.51E-05	1.43E-04	8.39E-03
2045	495461.06, 3859501.99	0.0103	0.0063	0.006	0.0116	0.0075	0.0453	0.0062	0.0063	1.41E-02	1.24E-03	4.04E-08	7.46E-05	1.54E-04	2.77E-04	1.58E-02	6.84E-03	1.24E-03	4.04E-08	3.63E-05	7.48E-05	1.35E-04	8.32E-03
2046	495511.06, 3859501.99	0.0102	0.0062	0.0059	0.0114	0.0075	0.0426	0.0061	0.0062	1.39E-02	1.21E-03	3.95E-08	7.30E-05	1.52E-04	2.61E-04	1.56E-02	6.78E-03	1.21E-03	3.95E-08	3.55E-05	7.40E-05	1.27E-04	8.23E-03
2047	495561.06, 3859501.99	0.0102	0.0061	0.0058	0.0113	0.0074	0.0406	0.0061	0.0061	1.38E-02	1.21E-03	3.93E-08	7.26E-05	1.52E-04	2.49E-04	1.55E-02	6.73E-03	1.21E-03	3.93E-08	3.53E-05	7.39E-05	1.21E-04	8.17E-03
2048	495611.06, 3859501.99	0.0101	0.0061	0.0058	0.0112	0.0074	0.0387	0.006	0.0061	1.37E-02	1.20E-03	3.88E-08	7.17E-05	1.51E-04	2.37E-04	1.54E-02	6.67E-03	1.20E-03	3.88E-08	3.49E-05	7.36E-05	1.15E-04	8.09E-03
2049	495661.06, 3859501.99	0.01	0.006	0.0057	0.011	0.0074	0.037	0.006	0.006	1.36E-02	1.19E-03	3.82E-08	7.08E-05	1.50E-04	2.26E-04	1.52E-02	6.61E-03	1.19E-03	3.82E-08	3.45E-05	7.31E-05	1.10E-04	8.02E-03
2050	494311.06, 3859551.99	0.0123	0.0083	0.0082	0.0159	0.008	0.0579	0.0081	0.0083	1.67E-02	1.63E-03	5.54E-08	1.02E-04	1.62E-04	3.54E-04	1.90E-02	8.13E-03	1.63E-03	5.54E-08	4.98E-05	7.90E-05	1.72E-04	1.01E-02
2051	494361.06, 3859551.99	0.0122	0.0081	0.008	0.0155	0.0079	0.0815	0.0079	0.0081	1.66E-02	1.59E-03	5.40E-08	9.98E-05	1.62E-04	4.99E-04	1.90E-02	8.08E-03	1.59E-03	5.40E-08	4.86E-05	7.87E-05	2.43E-04	1.00E-02
2052	494411.06, 3859551.99	0.0121	0.0079	0.0078	0.015	0.0079	0.1454	0.0077	0.0079	1.65E-02	1.55E-03	5.24E-08	9.65E-05	1.60E-04	8.90E-04	1.92E-02	8.03E-03	1.55E-03	5.24E-08	4.70E-05	7.79E-05	4.33E-04	1.01E-02
2053	494461.06, 3859551.99	0.012	0.0079	0.0078	0.015	0.0079	0.2868	0.0077	0.0079	1.63E-02	1.56E-03	5.23E-08	9.65E-05	1.61E-04	1.75E-03	1.99E-02	7.95E-03	1.56E-03	5.23E-08	4.70E-05	7.81E-05	8.54E-04	1.05E-02
2054	494511.06, 3859551.99	0.0119	0.0078	0.0076	0.0147	0.0078	0.6361	0.0076	0.0078	1.62E-02	1.53E-03	5.13E-08	9.47E-05	1.60E-04	3.89E-03	2.19E-02	7.89E-03	1.53E-03	5.13E-08	4.61E-05	7.78E-05	1.89E-03	1.14E-02
2055	494561.06, 3859551.99	0.0118	0.0077	0.0075	0.0145	0.0078	0.628	0.0075	0.0077	1.61E-02	1.51E-03	5.06E-08	9.32E-05	1.59E-04	3.84E-03	2.17E-02	7.83E-03	1.51E-03	5.06E-08	4.54E-05	7.75E-05	1.87E-03	1.13E-02
2056	494611.06, 3859551.99	0.0117	0.0076	0.0074	0.0143	0.0078	0.6381	0.0075	0.0076	1.59E-02	1.50E-03	5.00E-08	9.22E-05	1.59E-04	3.90E-03	2.16E-02	7.76E-03	1.50E-03	5.00E-08	4.49E-05	7.74E-05	1.90E-03	1.13E-02
2057	494661.06, 3859551.99	0.0116	0.0075	0.0073	0.0141	0.0078	0.63	0.0074	0.0075	1.58E-02	1.49E-03	4.94E-08	9.10E-05	1.59E-04	3.85E-03	2.14E-02	7.70E-03	1.49E-03	4.94E-08	4.43E-05	7.72E-05	1.88E-03	1.12E-02
2058	494711.06, 3859551.99	0.0116	0.0073	0.0071	0.0137	0.0077	0.6246	0.0072	0.0073	1.57E-02	1.44E-03	4.77E-08	8.79E-05	1.56E-04	3.82E-03	2.12E-02	7.65E-03	1.44E-03	4.77E-08	4.28E-05	7.61E-05	1.86E-03	1.11E-02
2059	494761.06, 3859551.99	0.0114	0.0074	0.0071	0.0137	0.0077	0.6638	0.0072	0.0074	1.56E-02	1.45E-03	4.77E-08	8.81E-05	1.57E-04	4.06E-03	2.13E-02	7.58E-03	1.45E-03	4.77E-08	4.29E-05	7.66E-05	1.98E-03	1.11E-02
2060	494811.06, 3859551.99	0.0114	0.0072	0.0069	0.0133	0.0076	0.6585	0.0071	0.0072	1.55E-02	1.42E-03	4.66E-08	8.58E-05	1.56E-04	4.03E-03	2.12E-02	7.53E-03	1.42E-03	4.66E-08	4.18E-05	7.58E-05	1.96E-03	1.10E-02
2061	494861.06, 3859551.99	0.0113	0.0071	0.0068	0.0132	0.0076	0.5507	0.007	0.0071	1.53E-02	1.40E-03	4.59E-08	8.47E-05	1.55E-04	3.37E-03	2.04E-02	7.47E-03	1.40E-03	4.59E-08	4.12E-05	7.55E-05	1.64E-03	1.06E-02
2062	494911.06, 3859551.99	0.0112	0.007	0.0067	0.013	0.0076	0.2839	0.0069	0.007	1.52E-02	1.38E-03	4.53E-08	8.34E-05	1.54E-04	1.74E-03	1.86E-02	7.40E-03	1.38E-03	4.53E-08	4.06E-05	7.51E-05	8.46E-04	9.74E-03
2063	494961.06, 3859551.99	0.0111	0.007	0.0067	0.0128	0.0076	0.1717	0.0069	0.007	1.51E-02	1.38E-03	4.48E-08	8.25E-05	1.54E-04	1.05E-03	1.77E-02	7.34E-03	1.38E-03	4.48E-08	4.02E-05	7.51E-05	5.11E-04	9.34E-03
2064	495011.06, 3859551.99	0.011	0.0069	0.0066	0.0127	0.0076	0.1239	0.0068	0.0069	1.49E-02	1.37E-03	4.44E-08	8.19E-05	1.54E-04	7.58E-04	1.73E-02	7.28E-03	1.37E-03	4.44E-08	3.99E-05	7.51E-05	3.69E-04	9.13E-03
2065	495061.06, 3859551.99	0.0109	0.0069	0.0065	0.0126	0.0075	0.0978	0.0067	0.0069	1.48E-02	1.35E-03	4.38E-08	8.09E-05	1.54E-04	5.98E-04	1.70E-02	7.22E-03	1.35E-03	4.38E-08	3.94E-05	7.48E-05	2.91E-04	8.97E-03
2066	495111.06, 3859551.99	0.0108	0.0068	0.0064	0.0124	0.0075	0.0813	0.0067	0.0068	1.47E-02	1.34E-03	4.32E-08	7.98E-05	1.53E-04	4.98E-04	1.68E-02	7.15E-03	1.34E-03	4.32E-08	3.88E-05	7.44E-05	2.42E-04	8.84E-03
2067	495161.06, 3859551.99	0.0107	0.0067	0.0064	0.0123	0.0075	0.0706	0.0066	0.0067	1.46E-02	1.33E-03	4.28E-08	7.91E-05	1.53E-04	4.32E-04	1.66E-02	7.10E-03	1.33E-03	4.28E-08	3.85E-05	7.44E-05	2.10E-04	8.75E-03
2068	495211.06, 3859551.99	0.0106	0.0067	0.0063	0.0122	0.0075	0.0629	0.0066	0.0067	1.45E-02	1.32E-03	4.26E-08	7.87E-05	1.53E-04	3.85E-04	1.64E-02	7.04E-03	1.32E-03	4.26E-08	3.83E-05	7.45E-05	1.87E-04	8.66E-03
2069	495261.06, 3859551.99	0.0105	0.0066	0.0062	0.0121	0.0075	0.0568	0.0065	0.0066	1.43E-02	1.31E-03	4.20E-08	7.78E-05	1.52E-04	3.48E-04	1.62E-02	6.98E-03	1.31E-03	4.20E-08	3.79E-05	7.42E-05	1.69E-04	8.57E-03
2070	495311.06, 3859551.99	0.0105	0.0066	0.0062	0.012	0.0075	0.0521	0.0065	0.0066	1.42E-02	1.30E-03	4.15E-08	7.69E-05	1.52E-04	3.19E-04	1.61E-02	6.93E-03	1.30E-03	4.15E-08	3.74E-05	7.41E-05	1.55E-04	8.49E-03
2071	495361.06, 3859551.99	0.0104	0.0065	0.0061	0.0119	0.0075	0.0485	0.0064	0.0065	1.41E-02	1.29E-03	4.11E-08	7.63E-05	1.52E-04	2.97E-04	1.59E-02	6.87E-03	1.29E-03	4.11E-08	3.71E-05	7.40E-05	1.44E-04	8.41E-03
2072	495411.06, 3859551.99	0.0103	0.0065	0.0061	0.0118	0.0074	0.0455	0.0064	0.0065	1.40E-02	1.28E-03	4.08E-08	7.58E-05	1.52E-04	2.79E-04	1.58E-02	6.82E-03	1.28E-03	4.08E-08	3.69E-05	7.39E-05	1.36E-04	8.34E-03
2073	495461.06, 3859551.99	0.0102	0.0064	0.006	0.0116	0.0074	0.0429	0.0063	0.0064	1.39E-02	1.26E-03	4.02E-08	7.46E-05	1.51E-04	2.62E-04	1.57E-02	6.77E-03	1.26E-03	4.02E-08	3.63E-05	7.35E-05	1.28E-04	8.27E-03
2074	495511.06, 3859551.99	0.0101	0.0063	0.0059	0.0114	0.0074	0.0405	0.0063	0.0063	1.38E-02	1.25E-03	3.95E-08	7.35E-05	1.50E-04	2.48E-04	1.55E-02	6.71E-03	1.25E-03	3.95E-08	3.58E-05	7.30E-05	1.21E-04	8.18E-03
2075	495561.06, 3859551.99	0.01	0.0063	0.0058	0.0113	0.0073	0.0386	0.0062	0.0063	1.37E-02	1.24E-03	3.91E-08	7.28E-05	1.49E-04	2.36E-04	1.54E-02	6.65E-03	1.24E-03	3.91E-08	3.54E-05	7.28E-05	1.15E-04	8.11E-03
2076	495611.06, 3859551.99	0.01	0.0062	0.0057	0.0112	0.0073	0.0369	0.0062	0.0062	1.36E-02	1.23E-03	3.86E-08	7.20E-05	1.49E-04	2.26E-04	1.52E-02	6.60E-03	1.23E-03	3.86E-08	3.50E-05	7.25E-05	1.10E-04	8.04E-03
2077	495661.06, 3859551.99	0.0099	0.0062	0.0057	0.011	0.0073	0.0354	0.0061	0.0062	1.35E-02	1.21E-03	3.81E-08	7.10E-05	1.48E-04	2.16E-04	1.51E-02	6.55E-03	1.21E-03	3.81E-08	3.46E-05	7.21E-05	1.05E-04	7.97E-03
2078	494311.06, 3859601.99	0.0121	0.0085	0.0081	0.016	0.0077	0.0619	0.0083	0.0085	1.64E-02	1.67E-03	5.45E-08	1.03E-04	1.58E-04	3.79E-04	1.87E-02	8.00E-03	1.67E-03	5.45E-08	5.00E-05	7.67E-05	1.84E-04	9.98E-03
2079	494361.06, 3859601.99	0.012	0.0082	0.0078	0.0154	0.0077	0.0882	0.008	0.0082	1.64E-02	1.62E-03	5.27E-08	9.90E-05	1.56E-04	5.40E-04	1.88E-02	7.97E-03	1.62E-03	5.27E-08	4.82E-05	7.61E-05	2.63E-04	9.97E-03
2080	494411.06, 3859601.99	0.0119	0.0081	0.0077	0.0151	0.0076	0.1588	0.0079	0.0081	1.63E-02	1.59E-03	5.16E-08	9.68E-05	1.56E-04	9.72E-04	1.91E-02	7.91E-03	1.59E-03	5.16E-08	4.71E-05	7.57E-05	4.73E-04	1.01E-02
2081	494461.06, 3859601.99	0.0118	0.0081	0.0077	0.015	0.0077	0.2984	0.0079	0.0081	1.61E-02	1.59E-03	5.15E-08	9.66E-05	1.56E-04	1.83E-03	1.97E-02	7.83E-03	1.59E-03	5.15E-08	4.70E-05	7.60E-05	8.89E-04	1.04E-02
2082	494511.06, 3859601.99	0.0117	0.0079	0.0075	0.0146	0.0076	0.2577	0.0077	0.0079	1.60E-02	1.56E-03	5.03E-08	9.42E-05	1.55E-04	1.58E-03	1.94E-02	7.78E-03	1.56E-03	5.03E-08	4.58E-05	7.55E-05	7.68E-04	1.02E-02
2083	494561.06, 3859601.99	0.0116	0.0079	0.0074	0.0146	0.0076	0.2081	0.0077	0.0079	1.58E-02	1.55E-03	5.00E-08	9.36E-05	1.55E-04	1.27E-03	1.89E-02	7.71E-03	1.55E-03	5.00E-08	4.56E-05	7.56E-05	6.20E-04	1.00E-02
2084	494611.06, 3859601.99	0.0115	0.0078	0.0074	0.0144	0.0076	0.1885	0.0077	0.0078	1.57E-02	1.54E-03	4.96E-08	9.27E-05	1.55E-04	1.15E-03	1.86E-02	7.63E-03	1.54E-03	4.96E-08	4.51E-05	7.56E-05	5.61E-04	9.86E-03
2085	494661.06, 3859601.99	0.0115	0.0076	0.0072	0.014	0.0076	0.1823	0.0075	0.0076	1.56E-02	1.51E-03	4.83E-08	9.02E-05	1.54E-04	1.12E-03	1.85E-02	7.59E-03	1.51E-03	4.83E-08	4.39E-05	7.51E-05	5.43E-04	9.75E-03
2086	494711.06, 3859601.99	0.0114	0.0075	0.007	0.0137	0.0075	0.1766	0.0074	0.0075	1.55E-02	1.48E-03	4.72E-08	8.81E-05	1.53E-04	1.08E-03	1.83E-02	7.54E-03	1.48E-03	4.72E-08	4.29E-05	7.45E-05	5.26E-04	9.66E-03
2087	494761.06, 3859601.99	0.0113	0.0076	0.0071	0.0138	0.0076	0.1679	0.0074	0.0076	1.53E-02	1.49E-03	4.75E-08	8.86E-05	1.54E-04	1.03E-03	1.81E-02	7.46E-03	1.49E-03	4.75E-08	4.31E-05	7.51E-05	5.00E-04	9.57E-03
2088	494811.06, 3859601.99	0.0112	0.0074	0.0069	0.0134	0.0075	0.1618	0.0072	0.0074	1.52E-02	1.46E-03	4.63E-08	8.64E-05	1.53E-04	9.90E-04	1.79E-02	7.42E-03	1.46E-03	4.63E-08	4.20E-05	7.44E-05	4.82E-04	9.47E-03
2089	494861.06, 3859601.99	0.0111	0.0073	0.0068	0.0133	0.0075	0.1427	0.0072	0.0073	1.51E-02	1.44E-03	4.58E-08	8.53E-05	1.52E-04	8.73E-04	1.77E-02	7.36E-03	1.44E-03	4.58E-08	4.15E-05	7.42E-05	4.25E-04	9.34E-03
2090	494911.06, 3859601.99	0.011	0.0072	0.0067	0.013	0.0074	0.1212	0.0071	0.0072	1.50E-02	1.42E-03	4.48E-08	8.36E-05	1.51E-04	7.41E-04	1.74E-02	7.30E-03	1.42E-03	4.48E-08	4.07E-05	7.37E-05	3.61E-04	9.20E-03
2091	494961.06, 3859601.99	0.0109	0.0072	0.0067	0.013	0.0075	0.1031	0.0071	0.0072	1.49E-02	1.42E-03	4.48E-08	8.35E-05	1.52E-04	6.31E-04	1.71E-02	7.24E-03	1.42E-03	4.48E-08	4.06E-05	7.40E-05	3.07E-04	9.07E-03
2092	495011.06, 3859601.99	0.0108	0.0071	0.0065	0.0127	0.0074	0.0885	0.0069	0.0071	1.48E-02	1.39E-03	4.39E-08	8.18E-05	1.51E-04	5.42E-04	1.69E-02	7.18E-03	1.39E-03	4.39E-08	3.98E-05	7.34E-05	2.64E-04	8.95E-03
2093	495061.06, 3859601.99	0.0108	0.007	0.0065	0.0126	0.0074	0.0772	0.0069	0.007	1.46E-02	1.39E-03	4.36E-08	8.13E-05	1.51E-04	4.72E-04	1.67E-02	7.12E-03	1.39E-03	4.36E-08	3.96E-05	7.35E-05	2.30E-04	8.85E-03
2094	495111.06, 3859601.99	0.0107	0.007	0.0064	0.0124	0.0074	0.0683	0.0068	0.007	1.45E-02	1.37E-03	4.30E-08	8.00E-05	1.50E-04	4.18E-04	1.65E-02	7.07E-03	1.37E-03	4.30E-08	3.89E-05	7.31E-05	2.03E-04	8.76E-03
2095	495161.06, 3859601.99	0.0106	0.0069	0.0063	0.0124	0.0074	0.0615	0.0068	0.0069	1.44E-02	1.36E-03	4.26E-08	7.95E-05	1.50E-04	3.76E-04	1.64E-02	7.01E-03	1.36E-03	4.26E-08	3.87E-05	7.31E-05	1.83E-04	8.67E-03
2096	495211.06, 3859601.99	0.0105	0.0069	0.0063	0.0122	0.0074	0.0561	0.0067	0.0069	1.43E-02	1.35E-03	4.22E-08	7.87E-05	1.50E-04	3.43E-04	1.62E-02	6.96E-03	1.35E-03	4.22E-08	3.83E-05	7.30E-05	1.67E-04	8.59E-03
2097	495261.06, 3859601.99	0.0104	0.0068	0.0062	0.0121	0.0074	0.0518	0.0067	0.0068	1.42E-02	1.34E-03	4.18E-08	7.80E-05	1.50E-04	3.17E-04	1.61E-02	6.91E-03	1.34E-03	4.18E-08	3.80E-05	7.30E-05	1.54E-04	8.51E-03
2098	495311.06, 3859601.99	0.0103	0.0068	0.0062	0.012	0.0073	0.0483	0.0067	0.0068	1.41E-02	1.33E-03	4.15E-08	7.74E-05	1.50E-04	2.96E-04	1.59E-02	6.85E-03	1.33E-03	4.15E-08	3.77E-05	7.29E-05	1.44E-04	8.44E-03
2099	495361.06, 3859601.99	0.0103	0.0067	0.0061	0.0119	0.0073	0.0454	0.0066	0.0067	1.40E-02	1.32E-03	4.10E-08	7.66E-05	1.49E-04	2.78E-04	1.58E-02	6.79E-03	1.32E-03	4.10E-08	3.73E-05	7.28E-05	1.35E-04	8.36E-03
2100	495411.06, 3859601.99	0.0102	0.0067	0.006	0.0118	0.0073	0.043	0.0066	0.0067	1.38E-02	1.31E-03	4.07E-08	7.60E-05	1.49E-04	2.63E-04	1.56E-02	6.74E-03	1.31E-03	4.07E-08	3.70E-05	7.27E-05	1.28E-04	8.29E-03
2101	495461.06, 3859601.99	0.0101	0.0066	0.0059	0.0116	0.0073	0.0407	0.0065	0.0066	1.37E-02	1.29E-03	4.00E-08	7.47E-05	1.48E-04	2.49E-04	1.55E-02	6.69E-03	1.29E-03	4.00E-08	3.64E-05	7.22E-05	1.21E-04	8.21E-03
2102	495511.06, 3859601.99	0.01	0.0065	0.0058	0.0114	0.0072	0.0386	0.0064	0.0065	1.36E-02	1.27E-03	3.93E-08	7.35E-05	1.47E-04	2.36E-04	1.53E-02	6.63E-03	1.27E-03	3.93E-08	3.58E-05	7.17E-05	1.15E-04	8.12E-03
2103	495561.06, 3859601.99	0.0099	0.0065	0.0058	0.0114	0.0072	0.037	0.0064	0.0065	1.35E-02	1.27E-03	3.91E-08	7.31E-05	1.47E-04	2.27E-04	1.52E-02	6.58E-03	1.27E-03	3.91E-08	3.56E-05	7.18E-05	1.10E-04	8.07E-03
2104	495611.06, 3859601.99	0.0099	0.0064	0.0057	0.0112	0.0072	0.0353	0.0063	0.0064	1.34E-02	1.25E-03	3.84E-08	7.18E-05	1.46E-04	2.16E-04	1.51E-02	6.53E-03	1.25E-03	3.84E-08	3.49E-05	7.12E-05	1.05E-04	7.99E-03

2105	495661.06, 3859601.99	0.0098	0.0063	0.0057	0.0111	0.0072	0.034	0.0062	0.0063	1.33E-02	1.24E-03	3.81E-08	7.12E-05	1.46E-04	2.08E-04	1.50E-02	6.47E-03	1.24E-03	3.81E-08	3.47E-05	7.11E-05	1.01E-04	7.92E-03
2106	494311.06, 3859651.99	0.0119	0.0086	0.0079	0.0158	0.0075	0.0629	0.0084	0.0086	1.62E-02	1.70E-03	5.31E-08	1.02E-04	1.52E-04	3.85E-04	1.85E-02	7.88E-03	1.70E-03	5.31E-08	4.96E-05	7.42E-05	1.87E-04	9.89E-03
2107	494361.06, 3859651.99	0.0118	0.0084	0.0077	0.0153	0.0074	0.0876	0.0082	0.0084	1.61E-02	1.65E-03	5.16E-08	9.85E-05	1.52E-04	5.36E-04	1.85E-02	7.84E-03	1.65E-03	5.16E-08	4.80E-05	7.38E-05	2.61E-04	9.87E-03
2108	494411.06, 3859651.99	0.0117	0.0083	0.0076	0.0151	0.0074	0.1538	0.0081	0.0083	1.60E-02	1.63E-03	5.08E-08	9.70E-05	1.51E-04	9.41E-04	1.88E-02	7.78E-03	1.63E-03	5.08E-08	4.72E-05	7.37E-05	4.58E-04	9.99E-03
2109	494461.06, 3859651.99	0.0116	0.0083	0.0075	0.015	0.0074	0.2818	0.0081	0.0083	1.58E-02	1.63E-03	5.07E-08	9.66E-05	1.52E-04	1.72E-03	1.94E-02	7.69E-03	1.63E-03	5.07E-08	4.70E-05	7.39E-05	8.39E-04	1.03E-02
2110	494511.06, 3859651.99	0.0115	0.0082	0.0074	0.0148	0.0074	0.223	0.008	0.0082	1.57E-02	1.61E-03	5.00E-08	9.50E-05	1.52E-04	1.36E-03	1.89E-02	7.63E-03	1.61E-03	5.00E-08	4.62E-05	7.38E-05	6.64E-04	1.00E-02
2111	494561.06, 3859651.99	0.0114	0.0081	0.0074	0.0146	0.0074	0.1572	0.0079	0.0081	1.55E-02	1.59E-03	4.95E-08	9.38E-05	1.52E-04	9.62E-04	1.83E-02	7.57E-03	1.59E-03	4.95E-08	4.57E-05	7.38E-05	4.68E-04	9.75E-03
2112	494611.06, 3859651.99	0.0113	0.008	0.0073	0.0144	0.0074	0.1278	0.0078	0.008	1.54E-02	1.58E-03	4.90E-08	9.27E-05	1.51E-04	7.82E-04	1.80E-02	7.51E-03	1.58E-03	4.90E-08	4.51E-05	7.37E-05	3.81E-04	9.58E-03
2113	494661.06, 3859651.99	0.0113	0.0078	0.0071	0.014	0.0074	0.1114	0.0076	0.0078	1.53E-02	1.53E-03	4.75E-08	8.99E-05	1.50E-04	6.82E-04	1.78E-02	7.46E-03	1.53E-03	4.75E-08	4.38E-05	7.31E-05	3.32E-04	9.44E-03
2114	494711.06, 3859651.99	0.0112	0.0077	0.007	0.0138	0.0074	0.1024	0.0076	0.0077	1.52E-02	1.52E-03	4.71E-08	8.89E-05	1.50E-04	6.26E-04	1.76E-02	7.40E-03	1.52E-03	4.71E-08	4.33E-05	7.31E-05	3.05E-04	9.34E-03
2115	494761.06, 3859651.99	0.0111	0.0077	0.0069	0.0137	0.0074	0.0959	0.0075	0.0077	1.51E-02	1.51E-03	4.67E-08	8.82E-05	1.50E-04	5.87E-04	1.74E-02	7.34E-03	1.51E-03	4.67E-08	4.29E-05	7.30E-05	2.85E-04	9.26E-03
2116	494811.06, 3859651.99	0.011	0.0076	0.0068	0.0135	0.0073	0.0894	0.0074	0.0076	1.50E-02	1.49E-03	4.59E-08	8.66E-05	1.49E-04	5.47E-04	1.73E-02	7.29E-03	1.49E-03	4.59E-08	4.21E-05	7.27E-05	2.66E-04	9.16E-03
2117	494861.06, 3859651.99	0.0109	0.0075	0.0068	0.0133	0.0073	0.0826	0.0074	0.0075	1.49E-02	1.48E-03	4.55E-08	8.57E-05	1.49E-04	5.05E-04	1.71E-02	7.23E-03	1.48E-03	4.55E-08	4.17E-05	7.26E-05	2.46E-04	9.07E-03
2118	494911.06, 3859651.99	0.0108	0.0074	0.0067	0.0131	0.0073	0.076	0.0073	0.0074	1.47E-02	1.46E-03	4.48E-08	8.45E-05	1.49E-04	4.65E-04	1.69E-02	7.17E-03	1.46E-03	4.48E-08	4.11E-05	7.24E-05	2.26E-04	8.97E-03
2119	494961.06, 3859651.99	0.0107	0.0074	0.0066	0.013	0.0073	0.0704	0.0072	0.0074	1.46E-02	1.45E-03	4.44E-08	8.35E-05	1.48E-04	4.31E-04	1.67E-02	7.12E-03	1.45E-03	4.44E-08	4.06E-05	7.23E-05	2.10E-04	8.89E-03
2120	495011.06, 3859651.99	0.0107	0.0073	0.0065	0.0128	0.0073	0.0655	0.0071	0.0073	1.45E-02	1.43E-03	4.38E-08	8.25E-05	1.48E-04	4.01E-04	1.66E-02	7.06E-03	1.43E-03	4.38E-08	4.01E-05	7.21E-05	1.95E-04	8.81E-03
2121	495061.06, 3859651.99	0.0106	0.0072	0.0065	0.0127	0.0073	0.0611	0.0071	0.0072	1.44E-02	1.42E-03	4.35E-08	8.18E-05	1.48E-04	3.74E-04	1.64E-02	7.00E-03	1.42E-03	4.35E-08	3.98E-05	7.21E-05	1.82E-04	8.72E-03
2122	495111.06, 3859651.99	0.0105	0.0072	0.0064	0.0125	0.0072	0.057	0.007	0.0072	1.43E-02	1.41E-03	4.29E-08	8.06E-05	1.47E-04	3.49E-04	1.63E-02	6.95E-03	1.41E-03	4.29E-08	3.92E-05	7.18E-05	1.70E-04	8.64E-03
2123	495161.06, 3859651.99	0.0104	0.0071	0.0063	0.0124	0.0072	0.0533	0.007	0.0071	1.42E-02	1.40E-03	4.24E-08	7.98E-05	1.47E-04	3.26E-04	1.61E-02	6.90E-03	1.40E-03	4.24E-08	3.88E-05	7.17E-05	1.59E-04	8.56E-03
2124	495211.06, 3859651.99	0.0103	0.007	0.0063	0.0123	0.0072	0.0501	0.0069	0.007	1.41E-02	1.39E-03	4.21E-08	7.91E-05	1.47E-04	3.06E-04	1.60E-02	6.85E-03	1.39E-03	4.21E-08	3.85E-05	7.17E-05	1.49E-04	8.49E-03
2125	495261.06, 3859651.99	0.0103	0.007	0.0062	0.0122	0.0072	0.0472	0.0069	0.007	1.40E-02	1.38E-03	4.16E-08	7.82E-05	1.47E-04	2.89E-04	1.58E-02	6.79E-03	1.38E-03	4.16E-08	3.81E-05	7.15E-05	1.40E-04	8.42E-03
2126	495311.06, 3859651.99	0.0102	0.0069	0.0061	0.0121	0.0072	0.0447	0.0068	0.0069	1.39E-02	1.37E-03	4.13E-08	7.75E-05	1.47E-04	2.73E-04	1.57E-02	6.75E-03	1.37E-03	4.13E-08	3.77E-05	7.15E-05	1.33E-04	8.35E-03
2127	495361.06, 3859651.99	0.0101	0.0069	0.0061	0.0119	0.0072	0.0425	0.0068	0.0069	1.38E-02	1.36E-03	4.09E-08	7.68E-05	1.47E-04	2.60E-04	1.56E-02	6.69E-03	1.36E-03	4.09E-08	3.74E-05	7.14E-05	1.27E-04	8.28E-03
2128	495411.06, 3859651.99	0.01	0.0068	0.006	0.0118	0.0072	0.0406	0.0067	0.0068	1.37E-02	1.34E-03	4.05E-08	7.60E-05	1.46E-04	2.48E-04	1.55E-02	6.65E-03	1.34E-03	4.05E-08	3.70E-05	7.12E-05	1.21E-04	8.22E-03
2129	495461.06, 3859651.99	0.01	0.0067	0.0059	0.0116	0.0071	0.0386	0.0066	0.0067	1.36E-02	1.32E-03	3.98E-08	7.47E-05	1.45E-04	2.36E-04	1.53E-02	6.60E-03	1.32E-03	3.98E-08	3.64E-05	7.08E-05	1.15E-04	8.15E-03
2130	495511.06, 3859651.99	0.0099	0.0066	0.0058	0.0114	0.0071	0.0369	0.0065	0.0066	1.35E-02	1.31E-03	3.92E-08	7.36E-05	1.45E-04	2.26E-04	1.52E-02	6.55E-03	1.31E-03	3.92E-08	3.58E-05	7.05E-05	1.10E-04	8.07E-03
2131	495561.06, 3859651.99	0.0098	0.0066	0.0058	0.0113	0.0071	0.0355	0.0065	0.0066	1.33E-02	1.30E-03	3.89E-08	7.29E-05	1.45E-04	2.17E-04	1.51E-02	6.49E-03	1.30E-03	3.89E-08	3.55E-05	7.04E-05	1.06E-04	8.00E-03
2132	495611.06, 3859651.99	0.0097	0.0065	0.0057	0.0112	0.0071	0.0341	0.0064	0.0065	1.32E-02	1.29E-03	3.84E-08	7.21E-05	1.44E-04	2.09E-04	1.50E-02	6.45E-03	1.29E-03	3.84E-08	3.51E-05	7.01E-05	1.02E-04	7.94E-03
2133	495661.06, 3859651.99	0.0097	0.0065	0.0056	0.0111	0.007	0.0328	0.0064	0.0065	1.31E-02	1.27E-03	3.79E-08	7.12E-05	1.44E-04	2.01E-04	1.48E-02	6.39E-03	1.27E-03	3.79E-08	3.47E-05	6.99E-05	9.77E-05	7.87E-03
2134	494311.06, 3859701.99	0.0117	0.0086	0.0076	0.0154	0.0072	0.0627	0.0084	0.0086	1.60E-02	1.69E-03	5.09E-08	9.92E-05	1.46E-04	3.84E-04	1.83E-02	7.77E-03	1.69E-03	5.09E-08	4.83E-05	7.13E-05	1.87E-04	9.77E-03
2135	494361.06, 3859701.99	0.0116	0.0085	0.0075	0.0152	0.0072	0.0863	0.0083	0.0085	1.58E-02	1.67E-03	5.02E-08	9.75E-05	1.46E-04	5.28E-04	1.83E-02	7.71E-03	1.67E-03	5.02E-08	4.74E-05	7.12E-05	2.57E-04	9.76E-03
2136	494411.06, 3859701.99	0.0115	0.0084	0.0074	0.015	0.0072	0.1497	0.0082	0.0084	1.57E-02	1.66E-03	4.98E-08	9.64E-05	1.47E-04	9.16E-04	1.85E-02	7.65E-03	1.66E-03	4.98E-08	4.69E-05	7.14E-05	4.46E-04	9.87E-03
2137	494461.06, 3859701.99	0.0114	0.0085	0.0074	0.015	0.0072	0.2026	0.0083	0.0085	1.55E-02	1.66E-03	4.98E-08	9.64E-05	1.47E-04	1.24E-03	1.87E-02	7.55E-03	1.66E-03	4.98E-08	4.69E-05	7.17E-05	6.03E-04	9.94E-03
2138	494511.06, 3859701.99	0.0113	0.0084	0.0073	0.0148	0.0072	0.2168	0.0082	0.0084	1.54E-02	1.64E-03	4.92E-08	9.49E-05	1.47E-04	1.33E-03	1.86E-02	7.49E-03	1.64E-03	4.92E-08	4.62E-05	7.16E-05	6.46E-04	9.90E-03
2139	494561.06, 3859701.99	0.0112	0.0083	0.0072	0.0146	0.0072	0.147	0.0081	0.0083	1.53E-02	1.63E-03	4.88E-08	9.39E-05	1.47E-04	8.99E-04	1.80E-02	7.43E-03	1.63E-03	4.88E-08	4.57E-05	7.17E-05	4.38E-04	9.61E-03
2140	494611.06, 3859701.99	0.0111	0.0082	0.0072	0.0144	0.0072	0.1146	0.008	0.0082	1.51E-02	1.62E-03	4.83E-08	9.28E-05	1.47E-04	7.01E-04	1.77E-02	7.37E-03	1.62E-03	4.83E-08	4.51E-05	7.17E-05	3.41E-04	9.44E-03
2141	494661.06, 3859701.99	0.0111	0.008	0.007	0.014	0.0072	0.0953	0.0078	0.008	1.51E-02	1.57E-03	4.69E-08	8.98E-05	1.46E-04	5.83E-04	1.75E-02	7.34E-03	1.57E-03	4.69E-08	4.37E-05	7.12E-05	2.84E-04	9.31E-03
2142	494711.06, 3859701.99	0.011	0.008	0.0069	0.0139	0.0072	0.0851	0.0078	0.008	1.49E-02	1.57E-03	4.67E-08	8.92E-05	1.46E-04	5.21E-04	1.73E-02	7.27E-03	1.57E-03	4.67E-08	4.34E-05	7.13E-05	2.54E-04	9.20E-03
2143	494761.06, 3859701.99	0.0109	0.0078	0.0068	0.0136	0.0072	0.0773	0.0077	0.0078	1.48E-02	1.54E-03	4.59E-08	8.77E-05	1.46E-04	4.73E-04	1.71E-02	7.22E-03	1.54E-03	4.59E-08	4.27E-05	7.11E-05	2.30E-04	9.11E-03
2144	494811.06, 3859701.99	0.0108	0.0077	0.0067	0.0134	0.0071	0.0708	0.0076	0.0077	1.47E-02	1.52E-03	4.53E-08	8.63E-05	1.46E-04	4.33E-04	1.69E-02	7.16E-03	1.52E-03	4.53E-08	4.20E-05	7.09E-05	2.11E-04	9.01E-03
2145	494861.06, 3859701.99	0.0107	0.0077	0.0067	0.0134	0.0072	0.066	0.0076	0.0077	1.46E-02	1.52E-03	4.51E-08	8.59E-05	1.46E-04	4.04E-04	1.67E-02	7.10E-03	1.52E-03	4.51E-08	4.18E-05	7.10E-05	1.97E-04	8.93E-03
2146	494911.06, 3859701.99	0.0106	0.0076	0.0066	0.0132	0.0071	0.0616	0.0075	0.0076	1.45E-02	1.50E-03	4.45E-08	8.47E-05	1.45E-04	3.77E-04	1.66E-02	7.04E-03	1.50E-03	4.45E-08	4.12E-05	7.08E-05	1.83E-04	8.84E-03
2147	494961.06, 3859701.99	0.0106	0.0075	0.0065	0.013	0.0071	0.0581	0.0074	0.0075	1.44E-02	1.49E-03	4.40E-08	8.35E-05	1.45E-04	3.55E-04	1.64E-02	6.99E-03	1.49E-03	4.40E-08	4.06E-05	7.06E-05	1.73E-04	8.76E-03
2148	495011.06, 3859701.99	0.0105	0.0075	0.0065	0.0129	0.0071	0.055	0.0073	0.0075	1.42E-02	1.48E-03	4.36E-08	8.27E-05	1.45E-04	3.37E-04	1.63E-02	6.93E-03	1.48E-03	4.36E-08	4.03E-05	7.06E-05	1.64E-04	8.68E-03
2149	495061.06, 3859701.99	0.0104	0.0074	0.0064	0.0127	0.0071	0.0523	0.0073	0.0074	1.41E-02	1.46E-03	4.32E-08	8.18E-05	1.45E-04	3.20E-04	1.61E-02	6.88E-03	1.46E-03	4.32E-08	3.98E-05	7.05E-05	1.56E-04	8.61E-03
2150	495111.06, 3859701.99	0.0103	0.0074	0.0063	0.0126	0.0071	0.0498	0.0072	0.0074	1.40E-02	1.45E-03	4.27E-08	8.09E-05	1.45E-04	3.05E-04	1.60E-02	6.83E-03	1.45E-03	4.27E-08	3.94E-05	7.04E-05	1.48E-04	8.54E-03
2151	495161.06, 3859701.99	0.0102	0.0073	0.0063	0.0124	0.0071	0.0475	0.0071	0.0073	1.39E-02	1.43E-03	4.22E-08	7.98E-05	1.44E-04	2.90E-04	1.59E-02	6.78E-03	1.43E-03	4.22E-08	3.89E-05	7.02E-05	1.41E-04	8.46E-03
2152	495211.06, 3859701.99	0.0102	0.0072	0.0062	0.0123	0.0071	0.0453	0.0071	0.0072	1.38E-02	1.42E-03	4.16E-08	7.88E-05	1.44E-04	2.77E-04	1.57E-02	6.73E-03	1.42E-03	4.16E-08	3.84E-05	7.00E-05	1.35E-04	8.39E-03
2153	495261.06, 3859701.99	0.0101	0.0072	0.0062	0.0122	0.0071	0.0435	0.007	0.0072	1.37E-02	1.41E-03	4.14E-08	7.83E-05	1.44E-04	2.66E-04	1.56E-02	6.67E-03	1.41E-03	4.14E-08	3.81E-05	7.01E-05	1.29E-04	8.32E-03
2154	495311.06, 3859701.99	0.01	0.0071	0.0061	0.012	0.007	0.0417	0.007	0.0071	1.36E-02	1.40E-03	4.09E-08	7.74E-05	1.44E-04	2.55E-04	1.55E-02	6.63E-03	1.40E-03	4.09E-08	3.77E-05	6.99E-05	1.24E-04	8.26E-03
2155	495361.06, 3859701.99	0.0099	0.007	0.006	0.0119	0.007	0.04	0.0069	0.007	1.35E-02	1.38E-03	4.05E-08	7.65E-05	1.43E-04	2.45E-04	1.54E-02	6.58E-03	1.38E-03	4.05E-08	3.73E-05	6.98E-05	1.19E-04	8.19E-03
2156	495411.06, 3859701.99	0.0099	0.0069	0.0059	0.0117	0.007	0.0383	0.0068	0.0069	1.34E-02	1.37E-03	3.99E-08	7.55E-05	1.43E-04	2.34E-04	1.52E-02	6.53E-03	1.37E-03	3.99E-08	3.67E-05	6.95E-05	1.14E-04	8.12E-03
2157	495461.06, 3859701.99	0.0098	0.0069	0.0059	0.0116	0.007	0.0368	0.0068	0.0069	1.33E-02	1.35E-03	3.95E-08	7.46E-05	1.42E-04	2.25E-04	1.51E-02	6.49E-03	1.35E-03	3.95E-08	3.63E-05	6.93E-05	1.10E-04	8.06E-03
2158	495511.06, 3859701.99	0.0097	0.0068	0.0058	0.0114	0.0069	0.0352	0.0067	0.0068	1.32E-02	1.33E-03	3.87E-08	7.31E-05	1.41E-04	2.15E-04	1.50E-02	6.45E-03	1.33E-03	3.87E-08	3.56E-05	6.88E-05	1.05E-04	7.99E-03
2159	495561.06, 3859701.99	0.0097	0.0068	0.0057	0.0113	0.007	0.0342	0.0066	0.0068	1.32E-02	1.33E-03	3.87E-08	7.29E-05	1.42E-04	2.09E-04	1.49E-02	6.40E-03	1.33E-03	3.87E-08	3.55E-05	6.90E-05	1.02E-04	7.94E-03
2160	495611.06, 3859701.99	0.0096	0.0067	0.0057	0.0112	0.0069	0.033	0.0066	0.0067	1.31E-02	1.32E-03	3.82E-08	7.22E-05	1.41E-04	2.02E-04	1.48E-02	6.36E-03	1.32E-03	3.82E-08	3.51E-05	6.88E-05	9.82E-05	7.88E-03
2161	495661.06, 3859701.99	0.0095	0.0066	0.0056	0.0111	0.0069	0.0318	0.0065	0.0066	1.30E-02	1.30E-03	3.78E-08	7.13E-05	1.41E-04	1.95E-04	1.47E-02	6.31E-03	1.30E-03	3.78E-08	3.47E-05	6.86E-05	9.48E-05	7.81E-03
2162	494311.06, 3859751.99	0.0115	0.0089	0.0074	0.0155	0.0069	0.0637	0.0087	0.0089	1.57E-02	1.75E-03	5.00E-08	9.94E-05	1.41E-04	3.90E-04	1.80E-02	7.62E-03	1.75E-03	5.00E-08	4.84E-05	6.88E-05	1.90E-04	9.67E-03
2163	494361.06, 3859751.99	0.0114	0.0088	0.0073	0.0152	0.0069	0.0872	0.0086	0.0088	1.55E-02	1.72E-03	4.94E-08	9.78E-05	1.42E-04	5.33E-04	1.80E-02	7.56E-03	1.72E-03	4.94E-08	4.76E-05	6.89E-05	2.60E-04	9.66E-03
2164	494411.06, 3859751.99	0.0113	0.0086	0.0072	0.0149	0.007	0.1495	0.0084	0.0086	1.54E-02	1.70E-03	4.87E-08	9.61E-05	1.42E-04	9.15E-04	1.83E-02	7.50E-03	1.70E-03	4.87E-08	4.68E-05	6.90E-05	4.45E-04	9.76E-03
2165	494461.06, 3859751.99	0.0112	0.0086	0.0072	0.0149	0.007	0.2045	0.0084	0.0086	1.52E-02	1.70E-03	4.87E-08	9.57E-05	1.42E-04	1.25E-03	1.84E-02	7.42E-03	1.70E-03	4.87E-08	4.66E-05	6.93E-05	6.09E-04	9.84E-03
2166	494511.06, 3859751.99	0.0111	0.0086	0.0072	0.0148	0.007	0.2146	0.0084	0.0086	1.51E-02	1.69E-03	4.84E-08	9.50E-05	1.43E-04	1.31E-03	1.83E-02	7.34E-03	1.69E-03	4.84E-08	4.62E-05	6.94E-05	6.39E-04	9.79E-03

2167	494561.06, 3859751.99	0.011	0.0085	0.0071	0.0146	0.007	0.1443	0.0083	0.0085	1.50E-02	1.67E-03	4.79E-08	9.37E-05	1.43E-04	8.83E-04	1.78E-02	7.28E-03	1.67E-03	4.79E-08	4.56E-05	6.95E-05	4.30E-04	9.50E-03
2168	494611.06, 3859751.99	0.0109	0.0084	0.007	0.0143	0.007	0.1105	0.0082	0.0084	1.49E-02	1.65E-03	4.72E-08	9.20E-05	1.43E-04	6.76E-04	1.74E-02	7.23E-03	1.65E-03	4.72E-08	4.48E-05	6.95E-05	3.29E-04	9.32E-03
2169	494661.06, 3859751.99	0.0109	0.0082	0.0069	0.0139	0.007	0.091	0.008	0.0082	1.48E-02	1.61E-03	4.62E-08	8.97E-05	1.42E-04	5.57E-04	1.72E-02	7.19E-03	1.61E-03	4.62E-08	4.36E-05	6.93E-05	2.71E-04	9.18E-03
2170	494711.06, 3859751.99	0.0108	0.0082	0.0068	0.0139	0.007	0.0801	0.008	0.0082	1.46E-02	1.61E-03	4.60E-08	8.92E-05	1.42E-04	4.90E-04	1.70E-02	7.12E-03	1.61E-03	4.60E-08	4.34E-05	6.93E-05	2.38E-04	9.08E-03
2171	494761.06, 3859751.99	0.0107	0.0081	0.0068	0.0137	0.007	0.0718	0.0079	0.0081	1.45E-02	1.59E-03	4.56E-08	8.82E-05	1.43E-04	4.39E-04	1.68E-02	7.06E-03	1.59E-03	4.56E-08	4.29E-05	6.94E-05	2.14E-04	8.98E-03
2172	494811.06, 3859751.99	0.0106	0.008	0.0067	0.0135	0.007	0.0653	0.0078	0.008	1.44E-02	1.57E-03	4.50E-08	8.68E-05	1.42E-04	4.00E-04	1.66E-02	7.01E-03	1.57E-03	4.50E-08	4.23E-05	6.92E-05	1.95E-04	8.89E-03
2173	494861.06, 3859751.99	0.0105	0.0079	0.0066	0.0134	0.007	0.0605	0.0077	0.0079	1.43E-02	1.56E-03	4.46E-08	8.59E-05	1.42E-04	3.70E-04	1.65E-02	6.96E-03	1.56E-03	4.46E-08	4.18E-05	6.92E-05	1.80E-04	8.81E-03
2174	494911.06, 3859751.99	0.0104	0.0078	0.0066	0.0132	0.007	0.0566	0.0077	0.0078	1.42E-02	1.54E-03	4.41E-08	8.48E-05	1.42E-04	3.46E-04	1.63E-02	6.91E-03	1.54E-03	4.41E-08	4.13E-05	6.91E-05	1.69E-04	8.73E-03
2175	494961.06, 3859751.99	0.0103	0.0078	0.0065	0.013	0.007	0.0534	0.0076	0.0078	1.41E-02	1.53E-03	4.37E-08	8.39E-05	1.42E-04	3.27E-04	1.62E-02	6.85E-03	1.53E-03	4.37E-08	4.08E-05	6.91E-05	1.59E-04	8.65E-03
2176	495011.06, 3859751.99	0.0103	0.0077	0.0064	0.0129	0.007	0.0507	0.0075	0.0077	1.40E-02	1.51E-03	4.32E-08	8.28E-05	1.42E-04	3.10E-04	1.60E-02	6.80E-03	1.51E-03	4.32E-08	4.03E-05	6.90E-05	1.51E-04	8.57E-03
2177	495061.06, 3859751.99	0.0102	0.0076	0.0064	0.0128	0.0069	0.0484	0.0075	0.0076	1.39E-02	1.51E-03	4.29E-08	8.21E-05	1.42E-04	2.96E-04	1.59E-02	6.75E-03	1.51E-03	4.29E-08	4.00E-05	6.89E-05	1.44E-04	8.50E-03
2178	495111.06, 3859751.99	0.0101	0.0076	0.0063	0.0126	0.0069	0.0463	0.0074	0.0076	1.38E-02	1.49E-03	4.24E-08	8.10E-05	1.41E-04	2.83E-04	1.57E-02	6.69E-03	1.49E-03	4.24E-08	3.95E-05	6.88E-05	1.38E-04	8.43E-03
2179	495161.06, 3859751.99	0.01	0.0075	0.0062	0.0124	0.0069	0.0443	0.0073	0.0075	1.37E-02	1.47E-03	4.20E-08	8.00E-05	1.41E-04	2.71E-04	1.56E-02	6.65E-03	1.47E-03	4.20E-08	3.89E-05	6.87E-05	1.32E-04	8.36E-03
2180	495211.06, 3859751.99	0.01	0.0074	0.0062	0.0123	0.0069	0.0425	0.0073	0.0074	1.36E-02	1.46E-03	4.14E-08	7.90E-05	1.41E-04	2.60E-04	1.55E-02	6.60E-03	1.46E-03	4.14E-08	3.84E-05	6.85E-05	1.27E-04	8.29E-03
2181	495261.06, 3859751.99	0.0099	0.0073	0.0061	0.0122	0.0069	0.041	0.0072	0.0073	1.35E-02	1.45E-03	4.11E-08	7.83E-05	1.41E-04	2.51E-04	1.54E-02	6.55E-03	1.45E-03	4.11E-08	3.81E-05	6.85E-05	1.22E-04	8.23E-03
2182	495311.06, 3859751.99	0.0098	0.0073	0.006	0.012	0.0069	0.0395	0.0071	0.0073	1.34E-02	1.43E-03	4.06E-08	7.73E-05	1.40E-04	2.41E-04	1.53E-02	6.51E-03	1.43E-03	4.06E-08	3.76E-05	6.83E-05	1.18E-04	8.16E-03
2183	495361.06, 3859751.99	0.0098	0.0072	0.006	0.0119	0.0069	0.0381	0.0071	0.0072	1.33E-02	1.42E-03	4.02E-08	7.65E-05	1.40E-04	2.33E-04	1.51E-02	6.46E-03	1.42E-03	4.02E-08	3.72E-05	6.82E-05	1.13E-04	8.10E-03
2184	495411.06, 3859751.99	0.0097	0.0071	0.0059	0.0118	0.0069	0.0368	0.007	0.0071	1.32E-02	1.41E-03	3.98E-08	7.56E-05	1.40E-04	2.25E-04	1.50E-02	6.41E-03	1.41E-03	3.98E-08	3.68E-05	6.81E-05	1.10E-04	8.04E-03
2185	495461.06, 3859751.99	0.0096	0.0071	0.0058	0.0116	0.0068	0.0355	0.0069	0.0071	1.31E-02	1.39E-03	3.93E-08	7.46E-05	1.40E-04	2.17E-04	1.49E-02	6.38E-03	1.39E-03	3.93E-08	3.63E-05	6.79E-05	1.06E-04	7.97E-03
2186	495511.06, 3859751.99	0.0096	0.007	0.0058	0.0114	0.0068	0.0342	0.0068	0.007	1.30E-02	1.37E-03	3.87E-08	7.35E-05	1.39E-04	2.09E-04	1.48E-02	6.34E-03	1.37E-03	3.87E-08	3.58E-05	6.76E-05	1.02E-04	7.91E-03
2187	495561.06, 3859751.99	0.0095	0.0069	0.0057	0.0113	0.0068	0.033	0.0068	0.0069	1.29E-02	1.36E-03	3.83E-08	7.27E-05	1.39E-04	2.02E-04	1.47E-02	6.29E-03	1.36E-03	3.83E-08	3.54E-05	6.75E-05	9.84E-05	7.85E-03
2188	495611.06, 3859751.99	0.0094	0.0068	0.0056	0.0112	0.0068	0.032	0.0067	0.0068	1.28E-02	1.35E-03	3.79E-08	7.20E-05	1.38E-04	1.96E-04	1.46E-02	6.24E-03	1.35E-03	3.79E-08	3.50E-05	6.73E-05	9.52E-05	7.79E-03
2189	495661.06, 3859751.99	0.0094	0.0068	0.0056	0.0111	0.0068	0.031	0.0067	0.0068	1.27E-02	1.34E-03	3.76E-08	7.13E-05	1.38E-04	1.90E-04	1.45E-02	6.20E-03	1.34E-03	3.76E-08	3.47E-05	6.73E-05	9.24E-05	7.73E-03
2190	494311.06, 3859801.99	0.0113	0.0091	0.0073	0.0154	0.0067	0.0651	0.0089	0.0091	1.53E-02	1.80E-03	4.91E-08	9.93E-05	1.36E-04	3.99E-04	1.78E-02	7.46E-03	1.80E-03	4.91E-08	4.83E-05	6.61E-05	1.94E-04	9.57E-03
2191	494361.06, 3859801.99	0.0112	0.009	0.0072	0.0151	0.0067	0.0878	0.0088	0.009	1.52E-02	1.77E-03	4.83E-08	9.73E-05	1.36E-04	5.37E-04	1.78E-02	7.41E-03	1.77E-03	4.83E-08	4.74E-05	6.63E-05	2.61E-04	9.55E-03
2192	494411.06, 3859801.99	0.0111	0.0088	0.0071	0.0148	0.0067	0.1491	0.0086	0.0088	1.51E-02	1.73E-03	4.75E-08	9.53E-05	1.37E-04	9.12E-04	1.80E-02	7.36E-03	1.73E-03	4.75E-08	4.64E-05	6.65E-05	4.44E-04	9.65E-03
2193	494461.06, 3859801.99	0.011	0.0088	0.0071	0.0148	0.0067	0.2144	0.0086	0.0088	1.49E-02	1.73E-03	4.75E-08	9.49E-05	1.37E-04	1.31E-03	1.82E-02	7.28E-03	1.73E-03	4.75E-08	4.62E-05	6.68E-05	6.38E-04	9.76E-03
2194	494511.06, 3859801.99	0.0109	0.0088	0.007	0.0147	0.0068	0.2098	0.0086	0.0088	1.48E-02	1.73E-03	4.74E-08	9.45E-05	1.38E-04	1.28E-03	1.80E-02	7.20E-03	1.73E-03	4.74E-08	4.60E-05	6.70E-05	6.25E-04	9.67E-03
2195	494561.06, 3859801.99	0.0108	0.0087	0.007	0.0145	0.0068	0.143	0.0085	0.0087	1.47E-02	1.71E-03	4.69E-08	9.32E-05	1.38E-04	8.75E-04	1.75E-02	7.14E-03	1.71E-03	4.69E-08	4.54E-05	6.72E-05	4.26E-04	9.39E-03
2196	494611.06, 3859801.99	0.0107	0.0085	0.0068	0.0142	0.0068	0.1096	0.0083	0.0085	1.46E-02	1.68E-03	4.61E-08	9.11E-05	1.38E-04	6.71E-04	1.72E-02	7.10E-03	1.68E-03	4.61E-08	4.43E-05	6.72E-05	3.26E-04	9.21E-03
2197	494661.06, 3859801.99	0.0106	0.0084	0.0068	0.014	0.0068	0.0907	0.0082	0.0084	1.45E-02	1.66E-03	4.55E-08	8.97E-05	1.38E-04	5.55E-04	1.69E-02	7.04E-03	1.66E-03	4.55E-08	4.37E-05	6.72E-05	2.70E-04	9.08E-03
2198	494711.06, 3859801.99	0.0106	0.0083	0.0067	0.0137	0.0068	0.0782	0.0081	0.0083	1.44E-02	1.64E-03	4.48E-08	8.83E-05	1.38E-04	4.79E-04	1.67E-02	6.99E-03	1.64E-03	4.48E-08	4.30E-05	6.72E-05	2.33E-04	8.97E-03
2199	494761.06, 3859801.99	0.0104	0.0083	0.0067	0.0137	0.0068	0.0703	0.0081	0.0083	1.42E-02	1.63E-03	4.48E-08	8.79E-05	1.38E-04	4.30E-04	1.65E-02	6.92E-03	1.63E-03	4.48E-08	4.28E-05	6.74E-05	2.09E-04	8.87E-03
2200	494811.06, 3859801.99	0.0104	0.0082	0.0066	0.0135	0.0068	0.0639	0.008	0.0082	1.41E-02	1.62E-03	4.43E-08	8.67E-05	1.38E-04	3.91E-04	1.63E-02	6.87E-03	1.62E-03	4.43E-08	4.22E-05	6.73E-05	1.90E-04	8.79E-03
2201	494861.06, 3859801.99	0.0103	0.0081	0.0065	0.0133	0.0068	0.0592	0.008	0.0081	1.40E-02	1.60E-03	4.40E-08	8.58E-05	1.38E-04	3.62E-04	1.62E-02	6.81E-03	1.60E-03	4.40E-08	4.18E-05	6.74E-05	1.76E-04	8.70E-03
2202	494911.06, 3859801.99	0.0102	0.008	0.0065	0.0131	0.0068	0.0551	0.0079	0.008	1.39E-02	1.58E-03	4.34E-08	8.45E-05	1.38E-04	3.37E-04	1.60E-02	6.77E-03	1.58E-03	4.34E-08	4.11E-05	6.73E-05	1.64E-04	8.62E-03
2203	494961.06, 3859801.99	0.0101	0.008	0.0064	0.013	0.0068	0.0518	0.0078	0.008	1.38E-02	1.57E-03	4.30E-08	8.36E-05	1.38E-04	3.17E-04	1.59E-02	6.71E-03	1.57E-03	4.30E-08	4.07E-05	6.72E-05	1.54E-04	8.54E-03
2204	495011.06, 3859801.99	0.0101	0.0079	0.0063	0.0128	0.0068	0.0491	0.0077	0.0079	1.37E-02	1.55E-03	4.26E-08	8.26E-05	1.38E-04	3.01E-04	1.58E-02	6.67E-03	1.55E-03	4.26E-08	4.02E-05	6.72E-05	1.46E-04	8.47E-03
2205	495061.06, 3859801.99	0.01	0.0078	0.0063	0.0127	0.0068	0.0468	0.0077	0.0078	1.36E-02	1.54E-03	4.22E-08	8.18E-05	1.38E-04	2.87E-04	1.56E-02	6.61E-03	1.54E-03	4.22E-08	3.98E-05	6.72E-05	1.39E-04	8.40E-03
2206	495111.06, 3859801.99	0.0099	0.0077	0.0062	0.0125	0.0068	0.0447	0.0076	0.0077	1.35E-02	1.52E-03	4.17E-08	8.07E-05	1.38E-04	2.73E-04	1.55E-02	6.57E-03	1.52E-03	4.17E-08	3.93E-05	6.70E-05	1.33E-04	8.33E-03
2207	495161.06, 3859801.99	0.0098	0.0076	0.0061	0.0124	0.0067	0.0427	0.0075	0.0076	1.34E-02	1.51E-03	4.13E-08	7.96E-05	1.37E-04	2.61E-04	1.54E-02	6.52E-03	1.51E-03	4.13E-08	3.88E-05	6.69E-05	1.27E-04	8.26E-03
2208	495211.06, 3859801.99	0.0098	0.0076	0.0061	0.0123	0.0067	0.0411	0.0074	0.0076	1.33E-02	1.49E-03	4.09E-08	7.89E-05	1.37E-04	2.51E-04	1.53E-02	6.47E-03	1.49E-03	4.09E-08	3.84E-05	6.69E-05	1.22E-04	8.20E-03
2209	495261.06, 3859801.99	0.0097	0.0075	0.006	0.0121	0.0067	0.0395	0.0074	0.0075	1.32E-02	1.48E-03	4.05E-08	7.79E-05	1.37E-04	2.42E-04	1.51E-02	6.43E-03	1.48E-03	4.05E-08	3.79E-05	6.68E-05	1.18E-04	8.13E-03
2210	495311.06, 3859801.99	0.0096	0.0075	0.006	0.012	0.0067	0.0382	0.0073	0.0075	1.31E-02	1.47E-03	4.02E-08	7.72E-05	1.37E-04	2.34E-04	1.50E-02	6.38E-03	1.47E-03	4.02E-08	3.76E-05	6.67E-05	1.14E-04	8.07E-03
2211	495361.06, 3859801.99	0.0096	0.0074	0.0059	0.0119	0.0067	0.0369	0.0072	0.0074	1.30E-02	1.45E-03	3.97E-08	7.63E-05	1.37E-04	2.26E-04	1.49E-02	6.34E-03	1.45E-03	3.97E-08	3.71E-05	6.66E-05	1.10E-04	8.00E-03
2212	495411.06, 3859801.99	0.0095	0.0073	0.0058	0.0117	0.0067	0.0356	0.0072	0.0073	1.29E-02	1.44E-03	3.93E-08	7.53E-05	1.36E-04	2.18E-04	1.48E-02	6.30E-03	1.44E-03	3.93E-08	3.66E-05	6.64E-05	1.06E-04	7.94E-03
2213	495461.06, 3859801.99	0.0094	0.0072	0.0058	0.0116	0.0067	0.0345	0.0071	0.0072	1.29E-02	1.42E-03	3.89E-08	7.45E-05	1.36E-04	2.11E-04	1.47E-02	6.26E-03	1.42E-03	3.89E-08	3.63E-05	6.63E-05	1.03E-04	7.88E-03
2214	495511.06, 3859801.99	0.0094	0.0071	0.0057	0.0114	0.0067	0.0333	0.007	0.0071	1.28E-02	1.40E-03	3.83E-08	7.33E-05	1.36E-04	2.04E-04	1.46E-02	6.22E-03	1.40E-03	3.83E-08	3.57E-05	6.61E-05	9.91E-05	7.82E-03
2215	495561.06, 3859801.99	0.0093	0.0071	0.0057	0.0113	0.0067	0.0323	0.0069	0.0071	1.27E-02	1.39E-03	3.80E-08	7.27E-05	1.36E-04	1.97E-04	1.45E-02	6.17E-03	1.39E-03	3.80E-08	3.54E-05	6.60E-05	9.61E-05	7.76E-03
2216	495611.06, 3859801.99	0.0092	0.007	0.0056	0.0112	0.0067	0.0314	0.0069	0.007	1.26E-02	1.39E-03	3.78E-08	7.22E-05	1.36E-04	1.92E-04	1.44E-02	6.12E-03	1.39E-03	3.78E-08	3.52E-05	6.60E-05	9.35E-05	7.70E-03
2217	495661.06, 3859801.99	0.0092	0.007	0.0055	0.0111	0.0066	0.0304	0.0068	0.007	1.25E-02	1.37E-03	3.73E-08	7.13E-05	1.35E-04	1.86E-04	1.43E-02	6.09E-03	1.37E-03	3.73E-08	3.47E-05	6.58E-05	9.05E-05	7.65E-03
2218	494311.06, 3859851.99	0.011	0.0093	0.0071	0.0153	0.0064	0.0674	0.0091	0.0093	1.50E-02	1.84E-03	4.79E-08	9.85E-05	1.30E-04	4.13E-04	1.75E-02	7.30E-03	1.84E-03	4.79E-08	4.79E-05	6.33E-05	2.01E-04	9.45E-03
2219	494361.06, 3859851.99	0.0109	0.0092	0.007	0.0151	0.0064	0.0893	0.009	0.0092	1.49E-02	1.81E-03	4.73E-08	9.69E-05	1.31E-04	5.46E-04	1.75E-02	7.24E-03	1.81E-03	4.73E-08	4.72E-05	6.37E-05	2.66E-04	9.43E-03
2220	494411.06, 3859851.99	0.0109	0.0091	0.0069	0.0148	0.0064	0.149	0.0089	0.0091	1.48E-02	1.78E-03	4.67E-08	9.51E-05	1.31E-04	9.12E-04	1.77E-02	7.19E-03	1.78E-03	4.67E-08	4.63E-05	6.39E-05	4.44E-04	9.53E-03
2221	494461.06, 3859851.99	0.0108	0.009	0.0069	0.0146	0.0065	0.2082	0.0088	0.009	1.46E-02	1.76E-03	4.62E-08	9.37E-05	1.32E-04	1.27E-03	1.79E-02	7.13E-03	1.76E-03	4.62E-08	4.56E-05	6.42E-05	6.20E-04	9.62E-03
2222	494511.06, 3859851.99	0.0107	0.0089	0.0068	0.0145	0.0065	0.2165	0.0087	0.0089	1.45E-02	1.76E-03	4.60E-08	9.30E-05	1.33E-04	1.32E-03	1.78E-02	7.06E-03	1.76E-03	4.60E-08	4.53E-05	6.45E-05	6.45E-04	9.57E-03
2223	494561.06, 3859851.99	0.0105	0.0089	0.0068	0.0144	0.0065	0.1441	0.0087	0.0089	1.43E-02	1.75E-03	4.59E-08	9.26E-05	1.33E-04	8.82E-04	1.72E-02	6.98E-03	1.75E-03	4.59E-08	4.51E-05	6.47E-05	4.29E-04	9.28E-03
2224	494611.06, 3859851.99	0.0105	0.0087	0.0067	0.014	0.0065	0.111	0.0085	0.0087	1.43E-02	1.71E-03	4.50E-08	9.03E-05	1.33E-04	6.79E-04	1.69E-02	6.95E-03	1.71E-03	4.50E-08	4.40E-05	6.48E-05	3.31E-04	9.10E-03
2225	494661.06, 3859851.99	0.0104	0.0087	0.0066	0.0139	0.0066	0.0921	0.0085	0.0087	1.41E-02	1.70E-03	4.47E-08	8.95E-05	1.34E-04	5.64E-04	1.66E-02	6.89E-03	1.70E-03	4.47E-08	4.36E-05	6.50E-05	2.74E-04	8.97E-03
2226	494711.06, 3859851.99	0.0103	0.0085	0.0065	0.0137	0.0066	0.0792	0.0083	0.0085	1.41E-02	1.68E-03	4.40E-08	8.79E-05	1.34E-04	4.85E-04	1.64E-02	6.84E-03	1.68E-03	4.40E-08	4.28E-05	6.51E-05	2.36E-04	8.86E-03
2227	494761.06, 3859851.99	0.0102	0.0085	0.0065	0.0136	0.0066	0.0711	0.0083	0.0085	1.39E-02	1.67E-03	4.40E-08	8.75E-05	1.34E-04	4.35E-04	1.62E-02	6.77E-03	1.67E-03	4.40E-08	4.26E-05	6.52E-05	2.12E-04	8.76E-03
2228	494811.06, 3859851.99	0.0102	0.0084	0.0065	0.0134	0.0066	0.0646	0.0082	0.0084	1.38E-02	1.65E-03	4.35E-08	8.63E-05	1.34E-04	3.95E-04	1.61E-02	6.73E-03	1.65E-03	4.35E-08	4.20E-05	6.53E-05	1.92E-04	8.68E-03

2229	494861.06, 3859851.99	0.0101	0.0084	0.0064	0.0133	0.0066	0.0597	0.0082	0.0084	1.37E-02	1.64E-03	4.32E-08	8.56E-05	1.34E-04	3.65E-04	1.59E-02	6.67E-03	1.64E-03	4.32E-08	4.16E-05	6.54E-05	1.78E-04	8.60E-03
2230	494911.06, 3859851.99	0.01	0.0082	0.0064	0.0131	0.0066	0.0554	0.0081	0.0082	1.36E-02	1.62E-03	4.28E-08	8.43E-05	1.34E-04	3.39E-04	1.58E-02	6.62E-03	1.62E-03	4.28E-08	4.10E-05	6.54E-05	1.65E-04	8.52E-03
2231	494961.06, 3859851.99	0.0099	0.0082	0.0063	0.013	0.0066	0.052	0.008	0.0082	1.35E-02	1.61E-03	4.24E-08	8.34E-05	1.34E-04	3.18E-04	1.57E-02	6.57E-03	1.61E-03	4.24E-08	4.06E-05	6.54E-05	1.55E-04	8.44E-03
2232	495011.06, 3859851.99	0.0098	0.0081	0.0062	0.0128	0.0066	0.0491	0.0079	0.0081	1.34E-02	1.59E-03	4.20E-08	8.24E-05	1.34E-04	3.01E-04	1.55E-02	6.52E-03	1.59E-03	4.20E-08	4.01E-05	6.54E-05	1.46E-04	8.37E-03
2233	495061.06, 3859851.99	0.0098	0.008	0.0062	0.0127	0.0066	0.0467	0.0079	0.008	1.33E-02	1.58E-03	4.16E-08	8.16E-05	1.34E-04	2.86E-04	1.54E-02	6.47E-03	1.58E-03	4.16E-08	3.97E-05	6.54E-05	1.39E-04	8.30E-03
2234	495111.06, 3859851.99	0.0097	0.0079	0.0061	0.0125	0.0066	0.0444	0.0078	0.0079	1.32E-02	1.56E-03	4.11E-08	8.05E-05	1.34E-04	2.72E-04	1.53E-02	6.43E-03	1.56E-03	4.11E-08	3.92E-05	6.53E-05	1.32E-04	8.23E-03
2235	495161.06, 3859851.99	0.0096	0.0078	0.0061	0.0124	0.0066	0.0424	0.0077	0.0078	1.31E-02	1.54E-03	4.07E-08	7.95E-05	1.34E-04	2.60E-04	1.51E-02	6.39E-03	1.54E-03	4.07E-08	3.87E-05	6.53E-05	1.26E-04	8.16E-03
2236	495211.06, 3859851.99	0.0096	0.0078	0.006	0.0122	0.0066	0.0407	0.0076	0.0078	1.30E-02	1.53E-03	4.03E-08	7.86E-05	1.34E-04	2.49E-04	1.50E-02	6.34E-03	1.53E-03	4.03E-08	3.83E-05	6.52E-05	1.21E-04	8.10E-03
2237	495261.06, 3859851.99	0.0095	0.0077	0.0059	0.0121	0.0066	0.0391	0.0075	0.0077	1.29E-02	1.51E-03	3.99E-08	7.77E-05	1.34E-04	2.39E-04	1.49E-02	6.30E-03	1.51E-03	3.99E-08	3.78E-05	6.51E-05	1.16E-04	8.03E-03
2238	495311.06, 3859851.99	0.0094	0.0076	0.0059	0.012	0.0066	0.0377	0.0075	0.0076	1.29E-02	1.50E-03	3.97E-08	7.70E-05	1.34E-04	2.31E-04	1.48E-02	6.26E-03	1.50E-03	3.97E-08	3.75E-05	6.51E-05	1.12E-04	7.97E-03
2239	495361.06, 3859851.99	0.0094	0.0076	0.0058	0.0118	0.0066	0.0364	0.0074	0.0076	1.28E-02	1.49E-03	3.93E-08	7.62E-05	1.34E-04	2.23E-04	1.47E-02	6.21E-03	1.49E-03	3.93E-08	3.71E-05	6.50E-05	1.08E-04	7.91E-03
2240	495411.06, 3859851.99	0.0093	0.0075	0.0058	0.0117	0.0065	0.0351	0.0073	0.0075	1.27E-02	1.47E-03	3.89E-08	7.53E-05	1.33E-04	2.15E-04	1.46E-02	6.17E-03	1.47E-03	3.89E-08	3.66E-05	6.49E-05	1.04E-04	7.85E-03
2241	495461.06, 3859851.99	0.0093	0.0074	0.0057	0.0116	0.0065	0.0339	0.0073	0.0074	1.26E-02	1.46E-03	3.84E-08	7.43E-05	1.33E-04	2.07E-04	1.45E-02	6.13E-03	1.46E-03	3.84E-08	3.62E-05	6.48E-05	1.01E-04	7.79E-03
2242	495511.06, 3859851.99	0.0092	0.0073	0.0056	0.0114	0.0065	0.0327	0.0072	0.0073	1.25E-02	1.44E-03	3.80E-08	7.33E-05	1.33E-04	2.00E-04	1.44E-02	6.10E-03	1.44E-03	3.80E-08	3.57E-05	6.46E-05	9.74E-05	7.73E-03
2243	495561.06, 3859851.99	0.0091	0.0073	0.0056	0.0113	0.0065	0.0318	0.0071	0.0073	1.24E-02	1.43E-03	3.77E-08	7.28E-05	1.33E-04	1.94E-04	1.43E-02	6.05E-03	1.43E-03	3.77E-08	3.54E-05	6.46E-05	9.46E-05	7.68E-03
2244	495611.06, 3859851.99	0.0091	0.0072	0.0056	0.0112	0.0065	0.0309	0.0071	0.0072	1.23E-02	1.42E-03	3.74E-08	7.21E-05	1.33E-04	1.89E-04	1.42E-02	6.01E-03	1.42E-03	3.74E-08	3.51E-05	6.45E-05	9.19E-05	7.62E-03
2245	495661.06, 3859851.99	0.009	0.0071	0.0055	0.0111	0.0065	0.0299	0.007	0.0071	1.23E-02	1.40E-03	3.70E-08	7.12E-05	1.32E-04	1.83E-04	1.41E-02	5.97E-03	1.40E-03	3.70E-08	3.47E-05	6.43E-05	8.90E-05	7.56E-03
2246	494311.06, 3859901.99	0.0108	0.0095	0.007	0.0152	0.0061	0.0717	0.0093	0.0095	1.47E-02	1.88E-03	4.69E-08	9.75E-05	1.24E-04	4.39E-04	1.72E-02	7.14E-03	1.88E-03	4.69E-08	4.75E-05	6.06E-05	2.14E-04	9.34E-03
2247	494361.06, 3859901.99	0.0107	0.0093	0.0068	0.0148	0.0061	0.0926	0.0092	0.0093	1.46E-02	1.84E-03	4.61E-08	9.54E-05	1.25E-04	5.67E-04	1.72E-02	7.10E-03	1.84E-03	4.61E-08	4.64E-05	6.10E-05	2.76E-04	9.32E-03
2248	494411.06, 3859901.99	0.0106	0.0093	0.0068	0.0147	0.0062	0.151	0.0091	0.0093	1.44E-02	1.83E-03	4.58E-08	9.44E-05	1.26E-04	9.24E-04	1.74E-02	7.03E-03	1.83E-03	4.58E-08	4.60E-05	6.13E-05	4.50E-04	9.42E-03
2249	494461.06, 3859901.99	0.0105	0.0092	0.0067	0.0145	0.0062	0.2031	0.009	0.0092	1.43E-02	1.81E-03	4.53E-08	9.31E-05	1.27E-04	1.24E-03	1.76E-02	6.97E-03	1.81E-03	4.53E-08	4.53E-05	6.16E-05	6.05E-04	9.49E-03
2250	494511.06, 3859901.99	0.0104	0.0091	0.0067	0.0143	0.0062	0.2219	0.0089	0.0091	1.42E-02	1.79E-03	4.50E-08	9.22E-05	1.27E-04	1.36E-03	1.76E-02	6.91E-03	1.79E-03	4.50E-08	4.49E-05	6.19E-05	6.61E-04	9.47E-03
2251	494561.06, 3859901.99	0.0103	0.0091	0.0067	0.0143	0.0063	0.1486	0.0089	0.0091	1.40E-02	1.80E-03	4.50E-08	9.19E-05	1.28E-04	9.09E-04	1.69E-02	6.83E-03	1.80E-03	4.50E-08	4.47E-05	6.22E-05	4.42E-04	9.17E-03
2252	494611.06, 3859901.99	0.0103	0.0089	0.0065	0.014	0.0063	0.1147	0.0087	0.0089	1.40E-02	1.76E-03	4.40E-08	8.97E-05	1.28E-04	7.02E-04	1.66E-02	6.80E-03	1.76E-03	4.40E-08	4.37E-05	6.24E-05	3.42E-04	9.00E-03
2253	494661.06, 3859901.99	0.0102	0.0089	0.0065	0.0139	0.0063	0.0957	0.0087	0.0089	1.38E-02	1.75E-03	4.40E-08	8.93E-05	1.29E-04	5.85E-04	1.64E-02	6.73E-03	1.75E-03	4.40E-08	4.35E-05	6.26E-05	2.85E-04	8.87E-03
2254	494711.06, 3859901.99	0.0101	0.0087	0.0064	0.0136	0.0063	0.0819	0.0085	0.0087	1.38E-02	1.71E-03	4.32E-08	8.72E-05	1.29E-04	5.01E-04	1.62E-02	6.69E-03	1.71E-03	4.32E-08	4.25E-05	6.28E-05	2.44E-04	8.76E-03
2255	494761.06, 3859901.99	0.01	0.0087	0.0064	0.0135	0.0064	0.0732	0.0085	0.0087	1.36E-02	1.71E-03	4.30E-08	8.66E-05	1.30E-04	4.48E-04	1.60E-02	6.63E-03	1.71E-03	4.30E-08	4.22E-05	6.30E-05	2.18E-04	8.66E-03
2256	494811.06, 3859901.99	0.0099	0.0086	0.0064	0.0134	0.0064	0.0667	0.0084	0.0086	1.35E-02	1.70E-03	4.28E-08	8.61E-05	1.30E-04	4.08E-04	1.58E-02	6.57E-03	1.70E-03	4.28E-08	4.19E-05	6.31E-05	1.99E-04	8.57E-03
2257	494861.06, 3859901.99	0.0098	0.0086	0.0063	0.0133	0.0064	0.0614	0.0084	0.0086	1.34E-02	1.69E-03	4.25E-08	8.52E-05	1.30E-04	3.76E-04	1.57E-02	6.51E-03	1.69E-03	4.25E-08	4.15E-05	6.33E-05	1.83E-04	8.49E-03
2258	494911.06, 3859901.99	0.0098	0.0085	0.0062	0.0131	0.0064	0.0568	0.0083	0.0085	1.33E-02	1.67E-03	4.20E-08	8.40E-05	1.30E-04	3.47E-04	1.55E-02	6.47E-03	1.67E-03	4.20E-08	4.09E-05	6.34E-05	1.69E-04	8.41E-03
2259	494961.06, 3859901.99	0.0097	0.0084	0.0062	0.0129	0.0064	0.0531	0.0082	0.0084	1.32E-02	1.65E-03	4.17E-08	8.32E-05	1.30E-04	3.25E-04	1.54E-02	6.42E-03	1.65E-03	4.17E-08	4.05E-05	6.34E-05	1.58E-04	8.34E-03
2260	495011.06, 3859901.99	0.0096	0.0083	0.0061	0.0128	0.0064	0.0499	0.0081	0.0083	1.31E-02	1.64E-03	4.13E-08	8.21E-05	1.31E-04	3.05E-04	1.53E-02	6.38E-03	1.64E-03	4.13E-08	4.00E-05	6.35E-05	1.49E-04	8.27E-03
2261	495061.06, 3859901.99	0.0096	0.0082	0.0061	0.0126	0.0064	0.0472	0.008	0.0082	1.30E-02	1.62E-03	4.09E-08	8.11E-05	1.31E-04	2.89E-04	1.51E-02	6.34E-03	1.62E-03	4.09E-08	3.95E-05	6.35E-05	1.41E-04	8.20E-03
2262	495111.06, 3859901.99	0.0095	0.0081	0.006	0.0124	0.0064	0.0447	0.0079	0.0081	1.29E-02	1.60E-03	4.04E-08	8.00E-05	1.31E-04	2.74E-04	1.50E-02	6.30E-03	1.60E-03	4.04E-08	3.89E-05	6.35E-05	1.33E-04	8.13E-03
2263	495161.06, 3859901.99	0.0094	0.008	0.0059	0.0123	0.0064	0.0426	0.0078	0.008	1.29E-02	1.58E-03	4.00E-08	7.90E-05	1.30E-04	2.60E-04	1.49E-02	6.26E-03	1.58E-03	4.00E-08	3.84E-05	6.34E-05	1.27E-04	8.06E-03
2264	495211.06, 3859901.99	0.0094	0.008	0.0059	0.0122	0.0064	0.0408	0.0078	0.008	1.28E-02	1.57E-03	3.97E-08	7.83E-05	1.31E-04	2.50E-04	1.48E-02	6.21E-03	1.57E-03	3.97E-08	3.81E-05	6.35E-05	1.22E-04	8.00E-03
2265	495261.06, 3859901.99	0.0093	0.0079	0.0058	0.012	0.0064	0.0389	0.0077	0.0079	1.27E-02	1.55E-03	3.92E-08	7.72E-05	1.30E-04	2.38E-04	1.47E-02	6.17E-03	1.55E-03	3.92E-08	3.76E-05	6.34E-05	1.16E-04	7.94E-03
2266	495311.06, 3859901.99	0.0092	0.0078	0.0058	0.0119	0.0064	0.0375	0.0076	0.0078	1.26E-02	1.54E-03	3.90E-08	7.65E-05	1.30E-04	2.29E-04	1.46E-02	6.12E-03	1.54E-03	3.90E-08	3.73E-05	6.34E-05	1.12E-04	7.87E-03
2267	495361.06, 3859901.99	0.0092	0.0077	0.0057	0.0118	0.0064	0.0361	0.0076	0.0077	1.25E-02	1.52E-03	3.86E-08	7.57E-05	1.30E-04	2.21E-04	1.44E-02	6.08E-03	1.52E-03	3.86E-08	3.69E-05	6.33E-05	1.07E-04	7.81E-03
2268	495411.06, 3859901.99	0.0091	0.0076	0.0057	0.0116	0.0064	0.0347	0.0075	0.0076	1.24E-02	1.51E-03	3.82E-08	7.47E-05	1.30E-04	2.12E-04	1.44E-02	6.05E-03	1.51E-03	3.82E-08	3.64E-05	6.32E-05	1.03E-04	7.76E-03
2269	495461.06, 3859901.99	0.0091	0.0076	0.0056	0.0115	0.0064	0.0334	0.0074	0.0076	1.23E-02	1.49E-03	3.78E-08	7.39E-05	1.30E-04	2.05E-04	1.42E-02	6.01E-03	1.49E-03	3.78E-08	3.60E-05	6.31E-05	9.96E-05	7.70E-03
2270	495511.06, 3859901.99	0.009	0.0075	0.0056	0.0114	0.0064	0.0324	0.0074	0.0075	1.23E-02	1.48E-03	3.75E-08	7.33E-05	1.30E-04	1.98E-04	1.41E-02	5.97E-03	1.48E-03	3.75E-08	3.57E-05	6.31E-05	9.65E-05	7.64E-03
2271	495561.06, 3859901.99	0.0089	0.0075	0.0055	0.0113	0.0064	0.0314	0.0073	0.0075	1.22E-02	1.47E-03	3.73E-08	7.26E-05	1.30E-04	1.92E-04	1.40E-02	5.92E-03	1.47E-03	3.73E-08	3.53E-05	6.30E-05	9.36E-05	7.58E-03
2272	495611.06, 3859901.99	0.0089	0.0074	0.0055	0.0112	0.0063	0.0304	0.0072	0.0074	1.21E-02	1.45E-03	3.69E-08	7.18E-05	1.29E-04	1.86E-04	1.39E-02	5.89E-03	1.45E-03	3.69E-08	3.49E-05	6.29E-05	9.06E-05	7.53E-03
2273	495661.06, 3859901.99	0.0088	0.0073	0.0054	0.011	0.0063	0.0294	0.0072	0.0073	1.20E-02	1.44E-03	3.65E-08	7.09E-05	1.29E-04	1.80E-04	1.39E-02	5.86E-03	1.44E-03	3.65E-08	3.45E-05	6.28E-05	8.77E-05	7.48E-03
2274	494311.06, 3859951.99	0.0105	0.0098	0.0068	0.015	0.0059	0.0807	0.0096	0.0098	1.43E-02	1.93E-03	4.61E-08	9.67E-05	1.20E-04	4.94E-04	1.70E-02	6.97E-03	1.93E-03	4.61E-08	4.71E-05	5.82E-05	2.40E-04	9.24E-03
2275	494361.06, 3859951.99	0.0104	0.0096	0.0068	0.0148	0.0059	0.1021	0.0094	0.0096	1.42E-02	1.90E-03	4.55E-08	9.51E-05	1.20E-04	6.25E-04	1.70E-02	6.92E-03	1.90E-03	4.55E-08	4.63E-05	5.85E-05	3.04E-04	9.22E-03
2276	494411.06, 3859951.99	0.0104	0.0095	0.0067	0.0146	0.0059	0.1588	0.0093	0.0095	1.41E-02	1.87E-03	4.49E-08	9.36E-05	1.21E-04	9.71E-04	1.72E-02	6.87E-03	1.87E-03	4.49E-08	4.56E-05	5.88E-05	4.73E-04	9.32E-03
2277	494461.06, 3859951.99	0.0103	0.0094	0.0066	0.0144	0.0059	0.2149	0.0092	0.0094	1.40E-02	1.85E-03	4.44E-08	9.24E-05	1.21E-04	1.31E-03	1.74E-02	6.81E-03	1.85E-03	4.44E-08	4.50E-05	5.90E-05	6.40E-04	9.40E-03
2278	494511.06, 3859951.99	0.0102	0.0093	0.0066	0.0142	0.006	0.2336	0.0091	0.0093	1.39E-02	1.84E-03	4.42E-08	9.14E-05	1.22E-04	1.43E-03	1.73E-02	6.75E-03	1.84E-03	4.42E-08	4.45E-05	5.94E-05	6.96E-04	9.38E-03
2279	494561.06, 3859951.99	0.0101	0.0094	0.0066	0.0142	0.006	0.1583	0.0092	0.0094	1.37E-02	1.85E-03	4.42E-08	9.13E-05	1.23E-04	9.69E-04	1.67E-02	6.66E-03	1.85E-03	4.42E-08	4.45E-05	5.98E-05	4.71E-04	9.08E-03
2280	494611.06, 3859951.99	0.01	0.0092	0.0065	0.0139	0.006	0.1236	0.009	0.0092	1.36E-02	1.81E-03	4.34E-08	8.94E-05	1.23E-04	7.56E-04	1.64E-02	6.63E-03	1.81E-03	4.34E-08	4.35E-05	6.00E-05	3.68E-04	8.91E-03
2281	494661.06, 3859951.99	0.0099	0.0092	0.0064	0.0138	0.0061	0.1026	0.009	0.0092	1.35E-02	1.80E-03	4.33E-08	8.89E-05	1.24E-04	6.27E-04	1.61E-02	6.56E-03	1.80E-03	4.33E-08	4.33E-05	6.03E-05	3.05E-04	8.77E-03
2282	494711.06, 3859951.99	0.0099	0.009	0.0063	0.0136	0.0061	0.0875	0.0088	0.009	1.34E-02	1.77E-03	4.26E-08	8.72E-05	1.24E-04	5.35E-04	1.59E-02	6.53E-03	1.77E-03	4.26E-08	4.24E-05	6.05E-05	2.61E-04	8.66E-03
2283	494761.06, 3859951.99	0.0098	0.0089	0.0063	0.0134	0.0061	0.0774	0.0087	0.0089	1.33E-02	1.76E-03	4.23E-08	8.63E-05	1.25E-04	4.73E-04	1.57E-02	6.47E-03	1.76E-03	4.23E-08	4.20E-05	6.08E-05	2.30E-04	8.56E-03
2284	494811.06, 3859951.99	0.0097	0.0088	0.0062	0.0133	0.0061	0.0697	0.0087	0.0088	1.32E-02	1.74E-03	4.20E-08	8.54E-05	1.25E-04	4.26E-04	1.56E-02	6.42E-03	1.74E-03	4.20E-08	4.16E-05	6.10E-05	2.07E-04	8.47E-03
2285	494861.06, 3859951.99	0.0096	0.0088	0.0062	0.0132	0.0062	0.0638	0.0086	0.0088	1.31E-02	1.73E-03	4.17E-08	8.48E-05	1.26E-04	3.90E-04	1.54E-02	6.36E-03	1.73E-03	4.17E-08	4.13E-05	6.12E-05	1.90E-04	8.39E-03
2286	494911.06, 3859951.99	0.0095	0.0087	0.0061	0.013	0.0062	0.0585	0.0085	0.0087	1.30E-02	1.71E-03	4.13E-08	8.36E-05	1.26E-04	3.58E-04	1.53E-02	6.32E-03	1.71E-03	4.13E-08	4.07E-05	6.13E-05	1.74E-04	8.31E-03
2287	494961.06, 3859951.99	0.0095	0.0086	0.0061	0.0128	0.0062	0.0543	0.0084	0.0086	1.29E-02	1.69E-03	4.09E-08	8.25E-05	1.26E-04	3.32E-04	1.51E-02	6.28E-03	1.69E-03	4.09E-08	4.02E-05	6.14E-05	1.62E-04	8.24E-03
2288	495011.06, 3859951.99	0.0094	0.0085	0.006	0.0127	0.0062	0.0508	0.0083	0.0085	1.28E-02	1.67E-03	4.05E-08	8.15E-05	1.26E-04	3.11E-04	1.50E-02	6.24E-03	1.67E-03	4.05E-08	3.97E-05	6.15E-05	1.51E-04	8.17E-03
2289	495061.06, 3859951.99	0.0094	0.0084	0.006	0.0125	0.0062	0.0478	0.0082	0.0084	1.27E-02	1.66E-03	4.01E-08	8.07E-05	1.26E-04	2.93E-04	1.49E-02	6.20E-03	1.66E-03	4.01E-08	3.93E-05	6.15E-05	1.42E-04	8.10E-03
2290	495111.06, 3859951.99	0.0093	0.0083	0.0059	0.0124	0.0062	0.0452	0.0081	0.0083	1.26E-02	1.64E-03	3.97E-08	7.95E-05	1.27E-04	2.76E-04	1.48E-02	6.16E-03	1.64E-03	3.97E-08	3.87E-05	6.16E-05	1.34E-04	8.03E-03

2291	495161.06, 3859951.99	0.0092	0.0082	0.0058	0.0122	0.0062	0.0428	0.008	0.0082	1.26E-02	1.62E-03	3.93E-08	7.85E-05	1.27E-04	2.62E-04	1.46E-02	6.12E-03	1.62E-03	3.93E-08	3.82E-05	6.16E-05	1.27E-04	7.96E-03
2292	495211.06, 3859951.99	0.0092	0.0081	0.0058	0.0121	0.0062	0.0407	0.0079	0.0081	1.25E-02	1.60E-03	3.89E-08	7.75E-05	1.27E-04	2.49E-04	1.45E-02	6.08E-03	1.60E-03	3.89E-08	3.77E-05	6.16E-05	1.21E-04	7.90E-03
2293	495261.06, 3859951.99	0.0091	0.008	0.0057	0.0119	0.0062	0.0389	0.0079	0.008	1.24E-02	1.58E-03	3.85E-08	7.67E-05	1.27E-04	2.38E-04	1.44E-02	6.04E-03	1.58E-03	3.85E-08	3.73E-05	6.16E-05	1.16E-04	7.83E-03
2294	495311.06, 3859951.99	0.0091	0.008	0.0057	0.0118	0.0062	0.0374	0.0078	0.008	1.23E-02	1.57E-03	3.83E-08	7.61E-05	1.27E-04	2.29E-04	1.43E-02	6.00E-03	1.57E-03	3.83E-08	3.70E-05	6.16E-05	1.11E-04	7.78E-03
2295	495361.06, 3859951.99	0.009	0.0079	0.0056	0.0117	0.0062	0.0359	0.0078	0.0079	1.22E-02	1.56E-03	3.80E-08	7.54E-05	1.27E-04	2.20E-04	1.42E-02	5.96E-03	1.56E-03	3.80E-08	3.67E-05	6.16E-05	1.07E-04	7.72E-03
2296	495411.06, 3859951.99	0.0089	0.0078	0.0056	0.0116	0.0062	0.0345	0.0077	0.0078	1.22E-02	1.54E-03	3.76E-08	7.44E-05	1.27E-04	2.11E-04	1.41E-02	5.92E-03	1.54E-03	3.76E-08	3.62E-05	6.16E-05	1.03E-04	7.66E-03
2297	495461.06, 3859951.99	0.0089	0.0078	0.0055	0.0114	0.0062	0.0332	0.0076	0.0078	1.21E-02	1.53E-03	3.72E-08	7.36E-05	1.26E-04	2.03E-04	1.40E-02	5.88E-03	1.53E-03	3.72E-08	3.58E-05	6.15E-05	9.89E-05	7.61E-03
2298	495511.06, 3859951.99	0.0088	0.0077	0.0055	0.0113	0.0062	0.032	0.0075	0.0077	1.20E-02	1.51E-03	3.69E-08	7.28E-05	1.26E-04	1.96E-04	1.39E-02	5.84E-03	1.51E-03	3.69E-08	3.54E-05	6.15E-05	9.53E-05	7.55E-03
2299	495561.06, 3859951.99	0.0088	0.0076	0.0055	0.0113	0.0062	0.0311	0.0075	0.0076	1.19E-02	1.51E-03	3.68E-08	7.24E-05	1.26E-04	1.90E-04	1.38E-02	5.81E-03	1.51E-03	3.68E-08	3.52E-05	6.15E-05	9.26E-05	7.50E-03
2300	495611.06, 3859951.99	0.0087	0.0076	0.0054	0.0111	0.0062	0.03	0.0074	0.0076	1.19E-02	1.49E-03	3.64E-08	7.15E-05	1.26E-04	1.84E-04	1.37E-02	5.77E-03	1.49E-03	3.64E-08	3.48E-05	6.15E-05	8.95E-05	7.45E-03
2301	495661.06, 3859951.99	0.0087	0.0075	0.0053	0.011	0.0062	0.029	0.0073	0.0075	1.18E-02	1.47E-03	3.60E-08	7.06E-05	1.26E-04	1.77E-04	1.36E-02	5.74E-03	1.47E-03	3.60E-08	3.43E-05	6.14E-05	8.64E-05	7.39E-03
2302	494311.06, 3860001.99	0.0103	0.01	0.0067	0.0149	0.0056	0.1035	0.0098	0.01	1.40E-02	1.97E-03	4.53E-08	9.57E-05	1.14E-04	6.33E-04	1.68E-02	6.80E-03	1.97E-03	4.53E-08	4.66E-05	5.56E-05	3.08E-04	9.18E-03
2303	494361.06, 3860001.99	0.0102	0.0099	0.0067	0.0147	0.0056	0.1332	0.0097	0.0099	1.39E-02	1.95E-03	4.48E-08	9.44E-05	1.15E-04	8.15E-04	1.68E-02	6.75E-03	1.95E-03	4.48E-08	4.59E-05	5.60E-05	3.97E-04	9.20E-03
2304	494411.06, 3860001.99	0.0101	0.0097	0.0066	0.0144	0.0057	0.1891	0.0095	0.0097	1.38E-02	1.92E-03	4.42E-08	9.26E-05	1.16E-04	1.16E-03	1.70E-02	6.70E-03	1.92E-03	4.42E-08	4.51E-05	5.63E-05	5.63E-04	9.28E-03
2305	494461.06, 3860001.99	0.01	0.0097	0.0065	0.0142	0.0057	0.2601	0.0095	0.0097	1.36E-02	1.90E-03	4.38E-08	9.16E-05	1.16E-04	1.59E-03	1.73E-02	6.64E-03	1.90E-03	4.38E-08	4.46E-05	5.66E-05	7.74E-04	9.42E-03
2306	494511.06, 3860001.99	0.01	0.0095	0.0064	0.014	0.0057	0.2666	0.0093	0.0095	1.35E-02	1.88E-03	4.33E-08	9.02E-05	1.17E-04	1.63E-03	1.73E-02	6.59E-03	1.88E-03	4.33E-08	4.39E-05	5.69E-05	7.94E-04	9.36E-03
2307	494561.06, 3860001.99	0.0098	0.0096	0.0065	0.0141	0.0058	0.1804	0.0094	0.0096	1.33E-02	1.89E-03	4.35E-08	9.06E-05	1.18E-04	1.10E-03	1.65E-02	6.49E-03	1.89E-03	4.35E-08	4.41E-05	5.73E-05	5.37E-04	9.03E-03
2308	494611.06, 3860001.99	0.0097	0.0095	0.0064	0.0139	0.0058	0.1368	0.0093	0.0095	1.33E-02	1.87E-03	4.30E-08	8.92E-05	1.18E-04	8.37E-04	1.62E-02	6.45E-03	1.87E-03	4.30E-08	4.34E-05	5.76E-05	4.07E-04	8.83E-03
2309	494661.06, 3860001.99	0.0097	0.0094	0.0063	0.0137	0.0058	0.1101	0.0092	0.0094	1.32E-02	1.85E-03	4.26E-08	8.83E-05	1.19E-04	6.74E-04	1.59E-02	6.40E-03	1.85E-03	4.26E-08	4.30E-05	5.79E-05	3.28E-04	8.68E-03
2310	494711.06, 3860001.99	0.0096	0.0091	0.0062	0.0134	0.0059	0.0917	0.009	0.0091	1.31E-02	1.80E-03	4.17E-08	8.60E-05	1.19E-04	5.61E-04	1.57E-02	6.39E-03	1.80E-03	4.17E-08	4.19E-05	5.81E-05	2.73E-04	8.56E-03
2311	494761.06, 3860001.99	0.0095	0.0092	0.0062	0.0133	0.0059	0.0805	0.009	0.0092	1.30E-02	1.80E-03	4.17E-08	8.58E-05	1.20E-04	4.93E-04	1.55E-02	6.32E-03	1.80E-03	4.17E-08	4.18E-05	5.84E-05	2.40E-04	8.46E-03
2312	494811.06, 3860001.99	0.0095	0.0091	0.0062	0.0132	0.0059	0.0719	0.0089	0.0091	1.29E-02	1.79E-03	4.14E-08	8.50E-05	1.20E-04	4.40E-04	1.53E-02	6.26E-03	1.79E-03	4.14E-08	4.14E-05	5.86E-05	2.14E-04	8.37E-03
2313	494861.06, 3860001.99	0.0094	0.0091	0.0061	0.0131	0.0059	0.0653	0.0089	0.0091	1.28E-02	1.78E-03	4.12E-08	8.43E-05	1.21E-04	4.00E-04	1.51E-02	6.21E-03	1.78E-03	4.12E-08	4.10E-05	5.89E-05	1.94E-04	8.29E-03
2314	494911.06, 3860001.99	0.0093	0.0088	0.006	0.0128	0.006	0.0591	0.0086	0.0088	1.27E-02	1.74E-03	4.03E-08	8.24E-05	1.21E-04	3.61E-04	1.50E-02	6.19E-03	1.74E-03	4.03E-08	4.01E-05	5.91E-05	1.76E-04	8.20E-03
2315	494961.06, 3860001.99	0.0093	0.0088	0.006	0.0127	0.006	0.0548	0.0086	0.0088	1.26E-02	1.73E-03	4.01E-08	8.18E-05	1.22E-04	3.35E-04	1.49E-02	6.14E-03	1.73E-03	4.01E-08	3.98E-05	5.92E-05	1.63E-04	8.13E-03
2316	495011.06, 3860001.99	0.0092	0.0087	0.0059	0.0126	0.006	0.051	0.0085	0.0087	1.25E-02	1.71E-03	3.97E-08	8.07E-05	1.22E-04	3.12E-04	1.48E-02	6.10E-03	1.71E-03	3.97E-08	3.93E-05	5.94E-05	1.52E-04	8.06E-03
2317	495061.06, 3860001.99	0.0091	0.0086	0.0059	0.0125	0.006	0.0481	0.0084	0.0086	1.24E-02	1.70E-03	3.95E-08	8.01E-05	1.22E-04	2.94E-04	1.46E-02	6.05E-03	1.70E-03	3.95E-08	3.90E-05	5.96E-05	1.43E-04	7.99E-03
2318	495111.06, 3860001.99	0.0091	0.0085	0.0058	0.0123	0.006	0.0453	0.0083	0.0085	1.24E-02	1.68E-03	3.91E-08	7.91E-05	1.23E-04	2.77E-04	1.45E-02	6.02E-03	1.68E-03	3.91E-08	3.85E-05	5.97E-05	1.35E-04	7.93E-03
2319	495161.06, 3860001.99	0.009	0.0084	0.0057	0.0121	0.006	0.0428	0.0082	0.0084	1.23E-02	1.66E-03	3.87E-08	7.80E-05	1.23E-04	2.62E-04	1.44E-02	5.98E-03	1.66E-03	3.87E-08	3.80E-05	5.98E-05	1.28E-04	7.86E-03
2320	495211.06, 3860001.99	0.009	0.0084	0.0057	0.012	0.006	0.0409	0.0082	0.0084	1.22E-02	1.65E-03	3.84E-08	7.74E-05	1.23E-04	2.50E-04	1.43E-02	5.94E-03	1.65E-03	3.84E-08	3.77E-05	5.99E-05	1.22E-04	7.80E-03
2321	495261.06, 3860001.99	0.0089	0.0083	0.0057	0.0119	0.006	0.039	0.0081	0.0083	1.21E-02	1.63E-03	3.80E-08	7.65E-05	1.23E-04	2.38E-04	1.42E-02	5.90E-03	1.63E-03	3.80E-08	3.72E-05	5.99E-05	1.16E-04	7.74E-03
2322	495311.06, 3860001.99	0.0088	0.0082	0.0056	0.0118	0.006	0.0373	0.008	0.0082	1.20E-02	1.62E-03	3.78E-08	7.58E-05	1.23E-04	2.28E-04	1.41E-02	5.86E-03	1.62E-03	3.78E-08	3.69E-05	6.00E-05	1.11E-04	7.68E-03
2323	495361.06, 3860001.99	0.0088	0.0081	0.0055	0.0116	0.006	0.0355	0.0079	0.0081	1.20E-02	1.59E-03	3.72E-08	7.46E-05	1.23E-04	2.17E-04	1.40E-02	5.83E-03	1.59E-03	3.72E-08	3.63E-05	6.00E-05	1.06E-04	7.62E-03
2324	495411.06, 3860001.99	0.0087	0.008	0.0055	0.0115	0.006	0.0343	0.0079	0.008	1.19E-02	1.58E-03	3.71E-08	7.41E-05	1.23E-04	2.10E-04	1.39E-02	5.79E-03	1.58E-03	3.71E-08	3.61E-05	6.00E-05	1.02E-04	7.57E-03
2325	495461.06, 3860001.99	0.0087	0.008	0.0055	0.0114	0.006	0.033	0.0078	0.008	1.18E-02	1.57E-03	3.68E-08	7.33E-05	1.23E-04	2.02E-04	1.38E-02	5.75E-03	1.57E-03	3.68E-08	3.57E-05	6.00E-05	9.81E-05	7.51E-03
2326	495511.06, 3860001.99	0.0086	0.0079	0.0054	0.0113	0.006	0.0317	0.0077	0.0079	1.17E-02	1.55E-03	3.64E-08	7.26E-05	1.23E-04	1.94E-04	1.37E-02	5.72E-03	1.55E-03	3.64E-08	3.53E-05	6.00E-05	9.45E-05	7.46E-03
2327	495561.06, 3860001.99	0.0086	0.0078	0.0054	0.0112	0.006	0.0307	0.0077	0.0078	1.17E-02	1.54E-03	3.62E-08	7.21E-05	1.23E-04	1.88E-04	1.36E-02	5.68E-03	1.54E-03	3.62E-08	3.51E-05	6.00E-05	9.15E-05	7.41E-03
2328	495611.06, 3860001.99	0.0085	0.0078	0.0053	0.0111	0.006	0.0296	0.0076	0.0078	1.16E-02	1.53E-03	3.59E-08	7.12E-05	1.23E-04	1.81E-04	1.35E-02	5.65E-03	1.53E-03	3.59E-08	3.47E-05	5.99E-05	8.82E-05	7.36E-03
2329	495661.06, 3860001.99	0.0085	0.0077	0.0053	0.0109	0.006	0.0286	0.0075	0.0077	1.15E-02	1.51E-03	3.55E-08	7.04E-05	1.23E-04	1.75E-04	1.34E-02	5.62E-03	1.51E-03	3.55E-08	3.43E-05	5.99E-05	8.51E-05	7.31E-03
2330	494411.06, 3860051.99	0.0099	0.01	0.0065	0.0143	0.0054	0.567	0.0098	0.01	1.34E-02	1.97E-03	4.37E-08	9.19E-05	1.11E-04	3.47E-03	1.91E-02	6.53E-03	1.97E-03	4.37E-08	4.47E-05	5.38E-05	1.69E-03	1.03E-02
2331	494461.06, 3860051.99	0.0098	0.0099	0.0064	0.0141	0.0055	0.5414	0.0097	0.0099	1.33E-02	1.95E-03	4.32E-08	9.07E-05	1.11E-04	3.31E-03	1.88E-02	6.47E-03	1.95E-03	4.32E-08	4.41E-05	5.42E-05	1.61E-03	1.01E-02
2332	494511.06, 3860051.99	0.0097	0.0098	0.0064	0.0139	0.0055	0.3115	0.0096	0.0098	1.32E-02	1.93E-03	4.28E-08	8.95E-05	1.12E-04	1.91E-03	1.72E-02	6.42E-03	1.93E-03	4.28E-08	4.36E-05	5.45E-05	9.28E-04	9.37E-03
2333	494561.06, 3860051.99	0.0096	0.0098	0.0063	0.0139	0.0055	0.185	0.0096	0.0098	1.30E-02	1.93E-03	4.27E-08	8.92E-05	1.13E-04	1.13E-03	1.63E-02	6.35E-03	1.93E-03	4.27E-08	4.34E-05	5.49E-05	5.51E-04	8.93E-03
2334	494611.06, 3860051.99	0.0095	0.0097	0.0063	0.0137	0.0056	0.135	0.0095	0.0097	1.29E-02	1.92E-03	4.24E-08	8.84E-05	1.13E-04	8.26E-04	1.59E-02	6.29E-03	1.92E-03	4.24E-08	4.30E-05	5.52E-05	4.02E-04	8.71E-03
2335	494661.06, 3860051.99	0.0094	0.0097	0.0063	0.0136	0.0056	0.1086	0.0095	0.0097	1.28E-02	1.90E-03	4.21E-08	8.75E-05	1.14E-04	6.64E-04	1.56E-02	6.24E-03	1.90E-03	4.21E-08	4.26E-05	5.55E-05	3.23E-04	8.56E-03
2336	494711.06, 3860051.99	0.0094	0.0095	0.0062	0.0134	0.0056	0.0918	0.0093	0.0095	1.28E-02	1.87E-03	4.15E-08	8.59E-05	1.15E-04	5.62E-04	1.54E-02	6.21E-03	1.87E-03	4.15E-08	4.18E-05	5.58E-05	2.73E-04	8.45E-03
2337	494761.06, 3860051.99	0.0093	0.0094	0.0061	0.0132	0.0057	0.0803	0.0092	0.0094	1.26E-02	1.85E-03	4.11E-08	8.51E-05	1.15E-04	4.91E-04	1.52E-02	6.16E-03	1.85E-03	4.11E-08	4.14E-05	5.61E-05	2.39E-04	8.34E-03
2338	494811.06, 3860051.99	0.0092	0.0094	0.0061	0.0132	0.0057	0.0719	0.0092	0.0094	1.25E-02	1.85E-03	4.10E-08	8.46E-05	1.16E-04	4.40E-04	1.50E-02	6.10E-03	1.85E-03	4.10E-08	4.12E-05	5.64E-05	2.14E-04	8.26E-03
2339	494861.06, 3860051.99	0.0091	0.0093	0.0061	0.0131	0.0057	0.0654	0.0092	0.0093	1.24E-02	1.84E-03	4.08E-08	8.40E-05	1.16E-04	4.00E-04	1.49E-02	6.04E-03	1.84E-03	4.08E-08	4.09E-05	5.66E-05	1.95E-04	8.18E-03
2340	494911.06, 3860051.99	0.0091	0.0092	0.006	0.0129	0.0057	0.0598	0.009	0.0092	1.23E-02	1.81E-03	4.03E-08	8.28E-05	1.17E-04	3.66E-04	1.47E-02	6.01E-03	1.81E-03	4.03E-08	4.03E-05	5.69E-05	1.78E-04	8.10E-03
2341	494961.06, 3860051.99	0.009	0.0091	0.0059	0.0127	0.0058	0.0551	0.0089	0.0091	1.23E-02	1.78E-03	3.98E-08	8.15E-05	1.17E-04	3.37E-04	1.46E-02	5.98E-03	1.78E-03	3.98E-08	3.97E-05	5.71E-05	1.64E-04	8.02E-03
2342	495011.06, 3860051.99	0.009	0.0089	0.0058	0.0125	0.0058	0.0511	0.0088	0.0089	1.22E-02	1.76E-03	3.93E-08	8.04E-05	1.17E-04	3.13E-04	1.45E-02	5.94E-03	1.76E-03	3.93E-08	3.91E-05	5.72E-05	1.52E-04	7.95E-03
2343	495061.06, 3860051.99	0.0089	0.0088	0.0058	0.0124	0.0058	0.0479	0.0087	0.0088	1.21E-02	1.74E-03	3.89E-08	7.95E-05	1.18E-04	2.93E-04	1.44E-02	5.91E-03	1.74E-03	3.89E-08	3.87E-05	5.74E-05	1.43E-04	7.89E-03
2344	495111.06, 3860051.99	0.0089	0.0087	0.0057	0.0122	0.0058	0.045	0.0085	0.0087	1.21E-02	1.72E-03	3.84E-08	7.83E-05	1.18E-04	2.75E-04	1.43E-02	5.88E-03	1.72E-03	3.84E-08	3.81E-05	5.76E-05	1.34E-04	7.82E-03
2345	495161.06, 3860051.99	0.0088	0.0086	0.0057	0.0121	0.0058	0.0426	0.0084	0.0086	1.20E-02	1.70E-03	3.81E-08	7.75E-05	1.18E-04	2.60E-04	1.41E-02	5.84E-03	1.70E-03	3.81E-08	3.77E-05	5.77E-05	1.27E-04	7.76E-03
2346	495211.06, 3860051.99	0.0088	0.0085	0.0056	0.0119	0.0058	0.0404	0.0083	0.0085	1.19E-02	1.68E-03	3.77E-08	7.65E-05	1.19E-04	2.47E-04	1.40E-02	5.81E-03	1.68E-03	3.77E-08	3.73E-05	5.79E-05	1.20E-04	7.70E-03
2347	495261.06, 3860051.99	0.0087	0.0085	0.0056	0.0118	0.0058	0.0385	0.0083	0.0085	1.18E-02	1.67E-03	3.74E-08	7.59E-05	1.19E-04	2.36E-04	1.39E-02	5.77E-03	1.67E-03	3.74E-08	3.69E-05	5.80E-05	1.15E-04	7.64E-03
2348	495311.06, 3860051.99	0.0086	0.0084	0.0055	0.0117	0.0059	0.0368	0.0082	0.0084	1.18E-02	1.65E-03	3.72E-08	7.53E-05	1.19E-04	2.25E-04	1.38E-02	5.73E-03	1.65E-03	3.72E-08	3.66E-05	5.81E-05	1.10E-04	7.58E-03
2349	495361.06, 3860051.99	0.0086	0.0083	0.0055	0.0116	0.0059	0.0353	0.0082	0.0083	1.17E-02	1.64E-03	3.69E-08	7.46E-05	1.20E-04	2.16E-04	1.37E-02	5.69E-03	1.64E-03	3.69E-08	3.63E-05	5.82E-05	1.05E-04	7.53E-03
2350	495411.06, 3860051.99	0.0085	0.0083	0.0054	0.0115	0.0059	0.0338	0.0081	0.0083	1.16E-02	1.63E-03	3.66E-08	7.38E-05	1.20E-04	2.07E-04	1.36E-02	5.65E-03	1.63E-03	3.66E-08	3.59E-05	5.83E-05	1.01E-04	7.47E-03
2351	495461.06, 3860051.99	0.0085	0.0082	0.0054	0.0114	0.0059	0.0324	0.008	0.0082	1.15E-02	1.61E-03	3.63E-08	7.31E-05	1.20E-04	1.98E-04	1.35E-02	5.62E-03	1.61E-03	3.63E-08	3.56E-05	5.83E-05	9.66E-05	7.42E-03
2352	495511.06, 3860051.99	0.0084	0.0081	0.0054	0.0113	0.0059	0.0312	0.0079	0.0081	1.15E-02	1.60E-03	3.60E-08	7.24E-05	1.20E-04	1.91E-04	1.35E-02	5.59E-03	1.60E-03	3.60E-08	3.53E-05	5.84E-05	9.30E-05	7.37E-03

2353	495561.06, 3860051.99	0.0084	0.008	0.0053	0.0112	0.0059	0.0301	0.0079	0.008	1.14E-02	1.58E-03	3.58E-08	7.17E-05	1.20E-04	1.84E-04	1.34E-02	5.55E-03	1.58E-03	3.58E-08	3.49E-05	5.84E-05	8.96E-05	7.32E-03
2354	495611.06, 3860051.99	0.0083	0.008	0.0053	0.011	0.0059	0.029	0.0078	0.008	1.13E-02	1.57E-03	3.54E-08	7.09E-05	1.20E-04	1.77E-04	1.33E-02	5.52E-03	1.57E-03	3.54E-08	3.45E-05	5.84E-05	8.64E-05	7.27E-03
2355	495661.06, 3860051.99	0.0083	0.0079	0.0052	0.0109	0.0059	0.0279	0.0077	0.0079	1.13E-02	1.55E-03	3.50E-08	7.00E-05	1.20E-04	1.71E-04	1.32E-02	5.49E-03	1.55E-03	3.50E-08	3.41E-05	5.83E-05	8.32E-05	7.22E-03
2356	494411.06, 3860101.99	0.0096	0.0102	0.0064	0.014	0.0052	0.2978	0.01	0.0102	1.31E-02	2.00E-03	4.29E-08	9.03E-05	1.06E-04	1.82E-03	1.71E-02	6.38E-03	2.00E-03	4.29E-08	4.40E-05	5.14E-05	8.87E-04	9.36E-03
2357	494461.06, 3860101.99	0.0095	0.0102	0.0064	0.014	0.0052	0.2158	0.01	0.0102	1.29E-02	2.00E-03	4.28E-08	8.99E-05	1.06E-04	1.32E-03	1.65E-02	6.30E-03	2.00E-03	4.28E-08	4.37E-05	5.18E-05	6.43E-04	9.04E-03
2358	494511.06, 3860101.99	0.0095	0.01	0.0063	0.0137	0.0053	0.1697	0.0098	0.01	1.29E-02	1.97E-03	4.22E-08	8.83E-05	1.07E-04	1.04E-03	1.61E-02	6.26E-03	1.97E-03	4.22E-08	4.30E-05	5.21E-05	5.05E-04	8.83E-03
2359	494561.06, 3860101.99	0.0094	0.0099	0.0062	0.0136	0.0053	0.1382	0.0098	0.0099	1.27E-02	1.96E-03	4.20E-08	8.76E-05	1.08E-04	8.45E-04	1.57E-02	6.20E-03	1.96E-03	4.20E-08	4.26E-05	5.25E-05	4.12E-04	8.67E-03
2360	494611.06, 3860101.99	0.0093	0.01	0.0062	0.0136	0.0053	0.1158	0.0098	0.01	1.26E-02	1.96E-03	4.19E-08	8.73E-05	1.09E-04	7.09E-04	1.55E-02	6.14E-03	1.96E-03	4.19E-08	4.25E-05	5.28E-05	3.45E-04	8.54E-03
2361	494661.06, 3860101.99	0.0092	0.0099	0.0062	0.0135	0.0054	0.0996	0.0097	0.0099	1.25E-02	1.95E-03	4.15E-08	8.65E-05	1.09E-04	6.09E-04	1.52E-02	6.08E-03	1.95E-03	4.15E-08	4.21E-05	5.31E-05	2.97E-04	8.42E-03
2362	494711.06, 3860101.99	0.0091	0.0097	0.0061	0.0132	0.0054	0.087	0.0095	0.0097	1.24E-02	1.91E-03	4.10E-08	8.52E-05	1.10E-04	5.32E-04	1.51E-02	6.05E-03	1.91E-03	4.10E-08	4.15E-05	5.35E-05	2.59E-04	8.32E-03
2363	494761.06, 3860101.99	0.0091	0.0097	0.006	0.0131	0.0054	0.0775	0.0095	0.0097	1.23E-02	1.90E-03	4.07E-08	8.43E-05	1.11E-04	4.74E-04	1.49E-02	6.00E-03	1.90E-03	4.07E-08	4.10E-05	5.38E-05	2.31E-04	8.22E-03
2364	494811.06, 3860101.99	0.009	0.0096	0.006	0.013	0.0054	0.07	0.0094	0.0096	1.22E-02	1.89E-03	4.04E-08	8.36E-05	1.11E-04	4.28E-04	1.47E-02	5.95E-03	1.89E-03	4.04E-08	4.07E-05	5.40E-05	2.08E-04	8.14E-03
2365	494861.06, 3860101.99	0.0089	0.0097	0.006	0.013	0.0055	0.0642	0.0095	0.0097	1.20E-02	1.90E-03	4.05E-08	8.35E-05	1.11E-04	3.93E-04	1.45E-02	5.86E-03	1.90E-03	4.05E-08	4.06E-05	5.42E-05	1.91E-04	8.05E-03
2366	494911.06, 3860101.99	0.0089	0.0094	0.0059	0.0127	0.0055	0.0584	0.0092	0.0094	1.21E-02	1.84E-03	3.96E-08	8.16E-05	1.12E-04	3.57E-04	1.45E-02	5.88E-03	1.84E-03	3.96E-08	3.97E-05	5.46E-05	1.74E-04	7.99E-03
2367	494961.06, 3860101.99	0.0088	0.0093	0.0058	0.0126	0.0055	0.0541	0.0091	0.0093	1.20E-02	1.83E-03	3.93E-08	8.07E-05	1.13E-04	3.31E-04	1.43E-02	5.83E-03	1.83E-03	3.93E-08	3.93E-05	5.49E-05	1.61E-04	7.92E-03
2368	495011.06, 3860101.99	0.0088	0.0092	0.0058	0.0124	0.0056	0.0503	0.009	0.0092	1.19E-02	1.80E-03	3.89E-08	7.97E-05	1.13E-04	3.08E-04	1.42E-02	5.80E-03	1.80E-03	3.89E-08	3.88E-05	5.51E-05	1.50E-04	7.85E-03
2369	495061.06, 3860101.99	0.0087	0.0091	0.0057	0.0122	0.0056	0.047	0.0089	0.0091	1.18E-02	1.78E-03	3.84E-08	7.87E-05	1.14E-04	2.87E-04	1.41E-02	5.77E-03	1.78E-03	3.84E-08	3.83E-05	5.53E-05	1.40E-04	7.78E-03
2370	495111.06, 3860101.99	0.0087	0.0089	0.0056	0.0121	0.0056	0.044	0.0087	0.0089	1.18E-02	1.76E-03	3.79E-08	7.76E-05	1.14E-04	2.69E-04	1.40E-02	5.74E-03	1.76E-03	3.79E-08	3.78E-05	5.55E-05	1.31E-04	7.72E-03
2371	495161.06, 3860101.99	0.0086	0.0089	0.0056	0.012	0.0056	0.0417	0.0087	0.0089	1.17E-02	1.74E-03	3.76E-08	7.69E-05	1.14E-04	2.55E-04	1.39E-02	5.70E-03	1.74E-03	3.76E-08	3.74E-05	5.57E-05	1.24E-04	7.66E-03
2372	495211.06, 3860101.99	0.0086	0.0088	0.0055	0.0118	0.0056	0.0395	0.0086	0.0088	1.16E-02	1.73E-03	3.73E-08	7.61E-05	1.15E-04	2.42E-04	1.38E-02	5.67E-03	1.73E-03	3.73E-08	3.70E-05	5.59E-05	1.18E-04	7.60E-03
2373	495261.06, 3860101.99	0.0085	0.0087	0.0055	0.0117	0.0056	0.0375	0.0085	0.0087	1.16E-02	1.71E-03	3.70E-08	7.53E-05	1.15E-04	2.30E-04	1.37E-02	5.63E-03	1.71E-03	3.70E-08	3.67E-05	5.60E-05	1.12E-04	7.55E-03
2374	495311.06, 3860101.99	0.0084	0.0086	0.0055	0.0116	0.0057	0.0358	0.0084	0.0086	1.15E-02	1.69E-03	3.67E-08	7.46E-05	1.15E-04	2.19E-04	1.36E-02	5.59E-03	1.69E-03	3.67E-08	3.63E-05	5.62E-05	1.07E-04	7.49E-03
2375	495361.06, 3860101.99	0.0084	0.0086	0.0054	0.0115	0.0057	0.0343	0.0084	0.0086	1.14E-02	1.68E-03	3.65E-08	7.41E-05	1.16E-04	2.10E-04	1.35E-02	5.55E-03	1.68E-03	3.65E-08	3.61E-05	5.63E-05	1.02E-04	7.43E-03
2376	495411.06, 3860101.99	0.0083	0.0085	0.0054	0.0114	0.0057	0.0328	0.0083	0.0085	1.14E-02	1.67E-03	3.62E-08	7.33E-05	1.16E-04	2.01E-04	1.34E-02	5.53E-03	1.67E-03	3.62E-08	3.57E-05	5.64E-05	9.77E-05	7.39E-03
2377	495461.06, 3860101.99	0.0083	0.0084	0.0053	0.0113	0.0057	0.0314	0.0082	0.0084	1.13E-02	1.64E-03	3.58E-08	7.24E-05	1.16E-04	1.92E-04	1.33E-02	5.50E-03	1.64E-03	3.58E-08	3.52E-05	5.65E-05	9.34E-05	7.33E-03
2378	495511.06, 3860101.99	0.0082	0.0083	0.0053	0.0112	0.0057	0.0302	0.0081	0.0083	1.12E-02	1.64E-03	3.56E-08	7.19E-05	1.16E-04	1.85E-04	1.32E-02	5.46E-03	1.64E-03	3.56E-08	3.50E-05	5.66E-05	9.01E-05	7.28E-03
2379	495561.06, 3860101.99	0.0082	0.0083	0.0053	0.0111	0.0057	0.0292	0.0081	0.0083	1.12E-02	1.63E-03	3.54E-08	7.13E-05	1.16E-04	1.79E-04	1.31E-02	5.43E-03	1.63E-03	3.54E-08	3.47E-05	5.67E-05	8.69E-05	7.23E-03
2380	495611.06, 3860101.99	0.0082	0.0081	0.0052	0.011	0.0057	0.0281	0.008	0.0081	1.11E-02	1.60E-03	3.49E-08	7.04E-05	1.16E-04	1.72E-04	1.31E-02	5.40E-03	1.60E-03	3.49E-08	3.43E-05	5.67E-05	8.36E-05	7.18E-03
2381	495661.06, 3860101.99	0.0081	0.0081	0.0052	0.0109	0.0057	0.0271	0.0079	0.0081	1.10E-02	1.59E-03	3.47E-08	6.98E-05	1.17E-04	1.66E-04	1.30E-02	5.37E-03	1.59E-03	3.47E-08	3.40E-05	5.68E-05	8.08E-05	7.13E-03
2382	494861.06, 3860151.99	0.0086	0.01	0.006	0.0129	0.0052	0.0614	0.0098	0.01	1.17E-02	1.97E-03	4.03E-08	8.28E-05	1.06E-04	3.76E-04	1.42E-02	5.70E-03	1.97E-03	4.03E-08	4.03E-05	5.18E-05	1.83E-04	7.94E-03
2383	494911.06, 3860151.99	0.0086	0.0097	0.0058	0.0126	0.0053	0.0561	0.0095	0.0097	1.17E-02	1.90E-03	3.93E-08	8.09E-05	1.07E-04	3.43E-04	1.42E-02	5.72E-03	1.90E-03	3.93E-08	3.94E-05	5.23E-05	1.67E-04	7.88E-03
2384	494961.06, 3860151.99	0.0086	0.0095	0.0058	0.0124	0.0053	0.0518	0.0093	0.0095	1.17E-02	1.88E-03	3.89E-08	8.00E-05	1.08E-04	3.17E-04	1.41E-02	5.69E-03	1.88E-03	3.89E-08	3.89E-05	5.26E-05	1.54E-04	7.81E-03
2385	495011.06, 3860151.99	0.0085	0.0094	0.0057	0.0123	0.0053	0.0482	0.0092	0.0094	1.16E-02	1.85E-03	3.84E-08	7.89E-05	1.09E-04	2.95E-04	1.39E-02	5.65E-03	1.85E-03	3.84E-08	3.84E-05	5.29E-05	1.43E-04	7.74E-03
2386	495061.06, 3860151.99	0.0085	0.0093	0.0057	0.0121	0.0054	0.045	0.0091	0.0093	1.16E-02	1.83E-03	3.80E-08	7.80E-05	1.09E-04	2.75E-04	1.38E-02	5.63E-03	1.83E-03	3.80E-08	3.79E-05	5.32E-05	1.34E-04	7.68E-03
2387	495111.06, 3860151.99	0.0084	0.0092	0.0056	0.012	0.0054	0.0423	0.009	0.0092	1.15E-02	1.81E-03	3.76E-08	7.71E-05	1.10E-04	2.59E-04	1.37E-02	5.59E-03	1.81E-03	3.76E-08	3.75E-05	5.35E-05	1.26E-04	7.62E-03
2388	495161.06, 3860151.99	0.0084	0.0091	0.0056	0.0119	0.0054	0.04	0.0089	0.0091	1.14E-02	1.79E-03	3.74E-08	7.64E-05	1.10E-04	2.45E-04	1.36E-02	5.56E-03	1.79E-03	3.74E-08	3.72E-05	5.37E-05	1.19E-04	7.56E-03
2389	495211.06, 3860151.99	0.0083	0.009	0.0055	0.0118	0.0054	0.0379	0.0088	0.009	1.14E-02	1.77E-03	3.70E-08	7.56E-05	1.11E-04	2.32E-04	1.35E-02	5.53E-03	1.77E-03	3.70E-08	3.68E-05	5.39E-05	1.13E-04	7.51E-03
2390	495261.06, 3860151.99	0.0083	0.0089	0.0055	0.0116	0.0055	0.0361	0.0088	0.0089	1.13E-02	1.76E-03	3.67E-08	7.49E-05	1.11E-04	2.21E-04	1.35E-02	5.49E-03	1.76E-03	3.67E-08	3.64E-05	5.41E-05	1.07E-04	7.45E-03
2391	495311.06, 3860151.99	0.0082	0.0089	0.0054	0.0115	0.0055	0.0344	0.0087	0.0089	1.12E-02	1.74E-03	3.64E-08	7.42E-05	1.12E-04	2.11E-04	1.33E-02	5.45E-03	1.74E-03	3.64E-08	3.61E-05	5.43E-05	1.02E-04	7.39E-03
2392	495361.06, 3860151.99	0.0082	0.0088	0.0054	0.0114	0.0055	0.0329	0.0086	0.0088	1.11E-02	1.73E-03	3.61E-08	7.35E-05	1.12E-04	2.01E-04	1.33E-02	5.42E-03	1.73E-03	3.61E-08	3.58E-05	5.44E-05	9.81E-05	7.34E-03
2393	495411.06, 3860151.99	0.0081	0.0087	0.0053	0.0113	0.0055	0.0315	0.0085	0.0087	1.11E-02	1.71E-03	3.58E-08	7.28E-05	1.12E-04	1.93E-04	1.32E-02	5.39E-03	1.71E-03	3.58E-08	3.54E-05	5.46E-05	9.39E-05	7.29E-03
2394	495461.06, 3860151.99	0.0081	0.0086	0.0053	0.0112	0.0055	0.0303	0.0084	0.0086	1.10E-02	1.70E-03	3.55E-08	7.22E-05	1.12E-04	1.85E-04	1.31E-02	5.36E-03	1.70E-03	3.55E-08	3.51E-05	5.47E-05	9.02E-05	7.24E-03
2395	495511.06, 3860151.99	0.0081	0.0085	0.0052	0.0111	0.0055	0.0291	0.0084	0.0085	1.10E-02	1.68E-03	3.52E-08	7.14E-05	1.13E-04	1.78E-04	1.30E-02	5.33E-03	1.68E-03	3.52E-08	3.48E-05	5.48E-05	8.66E-05	7.19E-03
2396	495561.06, 3860151.99	0.008	0.0085	0.0052	0.011	0.0055	0.0281	0.0083	0.0085	1.09E-02	1.67E-03	3.49E-08	7.08E-05	1.13E-04	1.72E-04	1.29E-02	5.30E-03	1.67E-03	3.49E-08	3.45E-05	5.49E-05	8.36E-05	7.14E-03
2397	495611.06, 3860151.99	0.008	0.0084	0.0051	0.0109	0.0055	0.0271	0.0082	0.0084	1.08E-02	1.65E-03	3.46E-08	7.00E-05	1.13E-04	1.66E-04	1.28E-02	5.27E-03	1.65E-03	3.46E-08	3.41E-05	5.50E-05	8.06E-05	7.09E-03
2398	495661.06, 3860151.99	0.0079	0.0083	0.0051	0.0108	0.0056	0.0261	0.0081	0.0083	1.08E-02	1.63E-03	3.43E-08	6.93E-05	1.13E-04	1.60E-04	1.28E-02	5.25E-03	1.63E-03	3.43E-08	3.38E-05	5.51E-05	7.78E-05	7.04E-03
2399	495718.25, 3859442.96	0.01	0.0058	0.0056	0.0108	0.0074	0.0379	0.0058	0.0058	1.36E-02	1.14E-03	3.80E-08	6.95E-05	1.51E-04	2.32E-04	1.52E-02	6.63E-03	1.14E-03	3.80E-08	3.38E-05	7.36E-05	1.13E-04	7.99E-03
2400	495818.25, 3859442.96	0.0098	0.0057	0.0055	0.0106	0.0073	0.0352	0.0057	0.0057	1.34E-02	1.12E-03	3.70E-08	6.79E-05	1.49E-04	2.15E-04	1.49E-02	6.51E-03	1.12E-03	3.70E-08	3.31E-05	7.27E-05	1.05E-04	7.85E-03
2401	495918.25, 3859442.96	0.0097	0.0056	0.0054	0.0104	0.0073	0.033	0.0056	0.0056	1.32E-02	1.11E-03	3.63E-08	6.67E-05	1.48E-04	2.02E-04	1.47E-02	6.41E-03	1.11E-03	3.63E-08	3.25E-05	7.21E-05	9.83E-05	7.72E-03
2402	496018.25, 3859442.96	0.0095	0.0055	0.0053	0.0102	0.0072	0.0311	0.0055	0.0055	1.30E-02	1.09E-03	3.57E-08	6.56E-05	1.47E-04	1.90E-04	1.45E-02	6.32E-03	1.09E-03	3.57E-08	3.19E-05	7.17E-05	9.27E-05	7.61E-03
2403	496118.25, 3859442.96	0.0094	0.0055	0.0053	0.0102	0.0073	0.0297	0.0055	0.0055	1.28E-02	1.09E-03	3.55E-08	6.55E-05	1.49E-04	1.82E-04	1.43E-02	6.25E-03	1.09E-03	3.55E-08	3.19E-05	7.24E-05	8.84E-05	7.53E-03
2404	496218.25, 3859442.96	0.0093	0.0055	0.0052	0.0101	0.0074	0.0283	0.0055	0.0055	1.27E-02	1.09E-03	3.53E-08	6.52E-05	1.50E-04	1.73E-04	1.42E-02	6.18E-03	1.09E-03	3.53E-08	3.17E-05	7.30E-05	8.44E-05	7.45E-03
2405	496318.25, 3859442.96	0.0092	0.0055	0.0052	0.01	0.0073	0.027	0.0054	0.0055	1.25E-02	1.08E-03	3.47E-08	6.42E-05	1.49E-04	1.65E-04	1.40E-02	6.09E-03	1.08E-03	3.47E-08	3.12E-05	7.26E-05	8.04E-05	7.35E-03
2406	496418.25, 3859442.96	0.0091	0.0054	0.0051	0.0098	0.0073	0.0257	0.0054	0.0054	1.23E-02	1.06E-03	3.41E-08	6.32E-05	1.48E-04	1.57E-04	1.38E-02	6.00E-03	1.06E-03	3.41E-08	3.07E-05	7.21E-05	7.67E-05	7.25E-03
2407	495718.25, 3859542.96	0.0098	0.0061	0.0056	0.0109	0.0073	0.034	0.006	0.0061	1.34E-02	1.20E-03	3.76E-08	7.01E-05	1.48E-04	2.08E-04	1.50E-02	6.50E-03	1.20E-03	3.76E-08	3.41E-05	7.20E-05	1.01E-04	7.90E-03
2408	495818.25, 3859542.96	0.0097	0.006	0.0055	0.0107	0.0072	0.0317	0.0059	0.006	1.32E-02	1.18E-03	3.69E-08	6.88E-05	1.47E-04	1.94E-04	1.47E-02	6.40E-03	1.18E-03	3.69E-08	3.35E-05	7.15E-05	9.45E-05	7.78E-03
2409	495918.25, 3859542.96	0.0095	0.0059	0.0054	0.0105	0.0071	0.0298	0.0058	0.0059	1.29E-02	1.16E-03	3.60E-08	6.73E-05	1.46E-04	1.82E-04	1.45E-02	6.30E-03	1.16E-03	3.60E-08	3.28E-05	7.09E-05	8.86E-05	7.65E-03
2410	496018.25, 3859542.96	0.0094	0.0058	0.0053	0.0103	0.0071	0.0281	0.0057	0.0058	1.28E-02	1.14E-03	3.54E-08	6.61E-05	1.44E-04	1.72E-04	1.43E-02	6.21E-03	1.14E-03	3.54E-08	3.22E-05	7.03E-05	8.36E-05	7.53E-03
2411	496118.25, 3859542.96	0.0093	0.0058	0.0052	0.0103	0.0072	0.0269	0.0057	0.0058	1.26E-02	1.14E-03	3.52E-08	6.59E-05	1.46E-04	1.65E-04	1.41E-02	6.13E-03	1.14E-03	3.52E-08	3.21E-05	7.10E-05	8.01E-05	7.45E-03
2412	496218.25, 3859542.96	0.0091	0.0058	0.0052	0.0102	0.0072	0.0258	0.0057	0.0058	1.24E-02	1.13E-03	3.49E-08	6.55E-05	1.46E-04	1.58E-04	1.39E-02	6.05E-03	1.13E-03	3.49E-08	3.19E-05	7.12E-05	7.68E-05	7.36E-03
2413	496318.25, 3859542.96	0.009	0.0057	0.0051	0.0101	0.0072	0.0248	0.0057	0.0057	1.23E-02	1.12E-03	3.45E-08	6.48E-05	1.46E-04	1.52E-04	1.38E-02	5.97E-03	1.12E-03	3.45E-08	3.16E-05	7.13E-05	7.38E-05	7.27E-03
2414	496418.25, 3859542.96	0.0089	0.0056	0.005	0.0099	0.0071	0.0237	0.0056	0.0056	1.21E-02	1.11E-03	3.39E-08	6.36E-05	1.45E-04	1.45E-04	1.36E-02	5.89E-03	1.11E-03	3.39E-08	3.09E-05	7.06E-05	7.06E-05	7.17E-03

2415	495718.25, 3859642.96	0.0096	0.0064	0.0056	0.0109	0.007	0.0316	0.0063	0.0064	1.31E-02	1.25E-03	3.74E-08	7.01E-05	1.43E-04	1.94E-04	1.47E-02	6.36E-03	1.25E-03	3.74E-08	3.41E-05	6.97E-05	9.42E-05	7.80E-03
2416	495818.25, 3859642.96	0.0094	0.0062	0.0054	0.0107	0.007	0.0296	0.0062	0.0062	1.29E-02	1.23E-03	3.65E-08	6.86E-05	1.42E-04	1.81E-04	1.45E-02	6.26E-03	1.23E-03	3.65E-08	3.34E-05	6.92E-05	8.82E-05	7.67E-03
2417	495918.25, 3859642.96	0.0093	0.0062	0.0053	0.0105	0.007	0.028	0.0061	0.0062	1.26E-02	1.21E-03	3.59E-08	6.75E-05	1.42E-04	1.71E-04	1.42E-02	6.16E-03	1.21E-03	3.59E-08	3.29E-05	6.90E-05	8.32E-05	7.55E-03
2418	496018.25, 3859642.96	0.0092	0.0061	0.0052	0.0103	0.0069	0.0265	0.006	0.0061	1.25E-02	1.19E-03	3.51E-08	6.63E-05	1.41E-04	1.62E-04	1.40E-02	6.07E-03	1.19E-03	3.51E-08	3.22E-05	6.86E-05	7.88E-05	7.44E-03
2419	496118.25, 3859642.96	0.0091	0.0061	0.0052	0.0103	0.007	0.0255	0.006	0.0061	1.23E-02	1.19E-03	3.52E-08	6.63E-05	1.42E-04	1.56E-04	1.39E-02	6.00E-03	1.19E-03	3.52E-08	3.23E-05	6.92E-05	7.59E-05	7.38E-03
2420	496218.25, 3859642.96	0.0089	0.006	0.0052	0.0103	0.007	0.0245	0.006	0.006	1.22E-02	1.19E-03	3.50E-08	6.60E-05	1.43E-04	1.50E-04	1.37E-02	5.92E-03	1.19E-03	3.50E-08	3.21E-05	6.96E-05	7.30E-05	7.29E-03
2421	496318.25, 3859642.96	0.0088	0.006	0.0051	0.0101	0.007	0.0235	0.0059	0.006	1.20E-02	1.17E-03	3.44E-08	6.50E-05	1.42E-04	1.44E-04	1.35E-02	5.84E-03	1.17E-03	3.44E-08	3.16E-05	6.92E-05	7.00E-05	7.19E-03
2422	496418.25, 3859642.96	0.0087	0.0057	0.0049	0.0097	0.0068	0.0221	0.0057	0.0057	1.18E-02	1.13E-03	3.28E-08	6.21E-05	1.38E-04	1.35E-04	1.32E-02	5.73E-03	1.13E-03	3.28E-08	3.02E-05	6.73E-05	6.59E-05	7.03E-03
2423	495718.25, 3859742.96	0.0093	0.0067	0.0055	0.011	0.0068	0.0301	0.0066	0.0067	1.27E-02	1.32E-03	3.72E-08	7.06E-05	1.38E-04	1.84E-04	1.44E-02	6.18E-03	1.32E-03	3.72E-08	3.43E-05	6.74E-05	8.96E-05	7.69E-03
2424	495818.25, 3859742.96	0.0092	0.0066	0.0054	0.0107	0.0067	0.0283	0.0065	0.0066	1.25E-02	1.29E-03	3.64E-08	6.88E-05	1.37E-04	1.73E-04	1.42E-02	6.10E-03	1.29E-03	3.64E-08	3.35E-05	6.69E-05	8.42E-05	7.57E-03
2425	495918.25, 3859742.96	0.0091	0.0065	0.0053	0.0105	0.0067	0.0267	0.0064	0.0065	1.23E-02	1.27E-03	3.56E-08	6.75E-05	1.37E-04	1.64E-04	1.40E-02	6.01E-03	1.27E-03	3.56E-08	3.29E-05	6.66E-05	7.96E-05	7.46E-03
2426	496018.25, 3859742.96	0.0089	0.0063	0.0052	0.0103	0.0067	0.0254	0.0063	0.0063	1.22E-02	1.25E-03	3.49E-08	6.62E-05	1.36E-04	1.55E-04	1.38E-02	5.92E-03	1.25E-03	3.49E-08	3.22E-05	6.63E-05	7.55E-05	7.35E-03
2427	496118.25, 3859742.96	0.0088	0.0063	0.0052	0.0103	0.0067	0.0245	0.0062	0.0063	1.20E-02	1.25E-03	3.48E-08	6.61E-05	1.37E-04	1.50E-04	1.36E-02	5.85E-03	1.25E-03	3.48E-08	3.22E-05	6.67E-05	7.29E-05	7.27E-03
2428	496218.25, 3859742.96	0.0087	0.0064	0.0052	0.0103	0.0068	0.0237	0.0063	0.0064	1.18E-02	1.25E-03	3.49E-08	6.62E-05	1.38E-04	1.45E-04	1.34E-02	5.77E-03	1.25E-03	3.49E-08	3.22E-05	6.72E-05	7.07E-05	7.19E-03
2429	496318.25, 3859742.96	0.0086	0.0061	0.005	0.0099	0.0067	0.0223	0.0061	0.0061	1.17E-02	1.21E-03	3.35E-08	6.37E-05	1.36E-04	1.37E-04	1.32E-02	5.69E-03	1.21E-03	3.35E-08	3.10E-05	6.60E-05	6.65E-05	7.06E-03
2430	496418.25, 3859742.96	0.0085	0.0059	0.0048	0.0096	0.0065	0.0211	0.0059	0.0059	1.15E-02	1.17E-03	3.21E-08	6.14E-05	1.33E-04	1.29E-04	1.30E-02	5.61E-03	1.17E-03	3.21E-08	2.99E-05	6.49E-05	6.28E-05	6.93E-03
2431	495718.25, 3859842.96	0.009	0.007	0.0055	0.011	0.0065	0.029	0.0069	0.007	1.22E-02	1.38E-03	3.67E-08	7.04E-05	1.33E-04	1.77E-04	1.40E-02	5.95E-03	1.38E-03	3.67E-08	3.43E-05	6.45E-05	8.64E-05	7.52E-03
2432	495818.25, 3859842.96	0.0089	0.0069	0.0054	0.0107	0.0065	0.0274	0.0068	0.0069	1.21E-02	1.36E-03	3.60E-08	6.90E-05	1.32E-04	1.68E-04	1.38E-02	5.87E-03	1.36E-03	3.60E-08	3.36E-05	6.43E-05	8.17E-05	7.41E-03
2433	495918.25, 3859842.96	0.0088	0.0068	0.0052	0.0105	0.0065	0.026	0.0067	0.0068	1.19E-02	1.34E-03	3.53E-08	6.77E-05	1.32E-04	1.59E-04	1.36E-02	5.80E-03	1.34E-03	3.53E-08	3.29E-05	6.41E-05	7.75E-05	7.31E-03
2434	496018.25, 3859842.96	0.0086	0.0067	0.0052	0.0104	0.0065	0.0249	0.0066	0.0067	1.18E-02	1.32E-03	3.49E-08	6.67E-05	1.32E-04	1.52E-04	1.34E-02	5.73E-03	1.32E-03	3.49E-08	3.25E-05	6.40E-05	7.40E-05	7.22E-03
2435	496118.25, 3859842.96	0.0085	0.0067	0.0052	0.0104	0.0065	0.0241	0.0066	0.0067	1.16E-02	1.32E-03	3.49E-08	6.69E-05	1.33E-04	1.47E-04	1.32E-02	5.63E-03	1.32E-03	3.49E-08	3.26E-05	6.45E-05	7.18E-05	7.13E-03
2436	496218.25, 3859842.96	0.0084	0.0065	0.005	0.01	0.0064	0.0227	0.0064	0.0065	1.15E-02	1.28E-03	3.37E-08	6.46E-05	1.31E-04	1.39E-04	1.31E-02	5.58E-03	1.28E-03	3.37E-08	3.14E-05	6.37E-05	6.75E-05	7.03E-03
2437	496318.25, 3859842.96	0.0083	0.0061	0.0047	0.0094	0.0062	0.0208	0.0061	0.0061	1.13E-02	1.21E-03	3.16E-08	6.05E-05	1.27E-04	1.27E-04	1.29E-02	5.51E-03	1.21E-03	3.16E-08	2.95E-05	6.16E-05	6.19E-05	6.88E-03
2438	496418.25, 3859842.96	0.0082	0.0059	0.0045	0.009	0.0061	0.0195	0.0059	0.0059	1.11E-02	1.17E-03	3.02E-08	5.79E-05	1.23E-04	1.19E-04	1.26E-02	5.40E-03	1.17E-03	3.02E-08	2.82E-05	6.01E-05	5.80E-05	6.71E-03
2439	495718.25, 3859942.96	0.0086	0.0074	0.0053	0.0109	0.0062	0.0282	0.0072	0.0074	1.17E-02	1.45E-03	3.58E-08	7.00E-05	1.26E-04	1.72E-04	1.36E-02	5.72E-03	1.45E-03	3.58E-08	3.41E-05	6.15E-05	8.39E-05	7.35E-03
2440	495818.25, 3859942.96	0.0085	0.0072	0.0052	0.0107	0.0062	0.0266	0.0071	0.0072	1.16E-02	1.42E-03	3.51E-08	6.85E-05	1.26E-04	1.63E-04	1.34E-02	5.65E-03	1.42E-03	3.51E-08	3.33E-05	6.14E-05	7.91E-05	7.25E-03
2441	495918.25, 3859942.96	0.0084	0.0071	0.0051	0.0105	0.0062	0.0252	0.007	0.0071	1.15E-02	1.41E-03	3.46E-08	6.74E-05	1.26E-04	1.54E-04	1.32E-02	5.58E-03	1.41E-03	3.46E-08	3.28E-05	6.13E-05	7.51E-05	7.16E-03
2442	496018.25, 3859942.96	0.0083	0.0071	0.0051	0.0104	0.0062	0.0243	0.007	0.0071	1.13E-02	1.40E-03	3.45E-08	6.71E-05	1.26E-04	1.49E-04	1.30E-02	5.49E-03	1.40E-03	3.45E-08	3.27E-05	6.15E-05	7.24E-05	7.06E-03
2443	496118.25, 3859942.96	0.0082	0.0069	0.005	0.0101	0.0062	0.0229	0.0068	0.0069	1.12E-02	1.37E-03	3.36E-08	6.52E-05	1.25E-04	1.40E-04	1.29E-02	5.45E-03	1.37E-03	3.36E-08	3.17E-05	6.11E-05	6.82E-05	6.97E-03
2444	496218.25, 3859942.96	0.0082	0.0066	0.0048	0.0097	0.0061	0.0213	0.0065	0.0066	1.11E-02	1.31E-03	3.22E-08	6.24E-05	1.24E-04	1.30E-04	1.27E-02	5.41E-03	1.31E-03	3.22E-08	3.04E-05	6.02E-05	6.35E-05	6.87E-03
2445	496318.25, 3859942.96	0.0081	0.0064	0.0046	0.0093	0.006	0.0199	0.0063	0.0064	1.10E-02	1.25E-03	3.08E-08	5.96E-05	1.21E-04	1.22E-04	1.25E-02	5.35E-03	1.25E-03	3.08E-08	2.90E-05	5.91E-05	5.91E-05	6.75E-03
2446	496418.25, 3859942.96	0.0079	0.0061	0.0043	0.0087	0.0057	0.0183	0.006	0.0061	1.08E-02	1.19E-03	2.91E-08	5.61E-05	1.17E-04	1.12E-04	1.22E-02	5.24E-03	1.19E-03	2.91E-08	2.73E-05	5.70E-05	5.46E-05	6.57E-03
2447	496856.82, 3858864.83	0.0087	0.0043	0.0049	0.0086	0.0074	0.0321	0.0043	0.0043	1.18E-02	8.39E-04	3.27E-08	5.56E-05	1.50E-04	1.96E-04	1.30E-02	5.75E-03	8.39E-04	3.27E-08	2.71E-05	7.30E-05	9.55E-05	6.78E-03
2448	496956.82, 3858864.83	0.0086	0.0042	0.0048	0.0085	0.0073	0.0295	0.0042	0.0042	1.16E-02	8.31E-04	3.21E-08	5.47E-05	1.48E-04	1.80E-04	1.29E-02	5.67E-03	8.31E-04	3.21E-08	2.66E-05	7.20E-05	8.78E-05	6.68E-03
2449	497056.82, 3858864.83	0.0084	0.0042	0.0047	0.0084	0.0072	0.0273	0.0042	0.0042	1.15E-02	8.23E-04	3.16E-08	5.39E-05	1.46E-04	1.67E-04	1.27E-02	5.58E-03	8.23E-04	3.16E-08	2.62E-05	7.10E-05	8.14E-05	6.58E-03
2450	497156.82, 3858864.83	0.0083	0.0041	0.0046	0.0082	0.007	0.0255	0.0041	0.0041	1.13E-02	8.16E-04	3.11E-08	5.30E-05	1.44E-04	1.56E-04	1.24E-02	5.49E-03	8.16E-04	3.11E-08	2.58E-05	6.99E-05	7.59E-05	6.47E-03
2451	497256.82, 3858864.83	0.0082	0.0041	0.0046	0.0082	0.007	0.024	0.0041	0.0041	1.12E-02	8.12E-04	3.08E-08	5.25E-05	1.43E-04	1.47E-04	1.23E-02	5.43E-03	8.12E-04	3.08E-08	2.55E-05	6.94E-05	7.14E-05	6.41E-03
2452	496856.82, 3858964.83	0.0088	0.0044	0.0049	0.0087	0.0074	0.0302	0.0044	0.0044	1.19E-02	8.65E-04	3.27E-08	5.62E-05	1.51E-04	1.85E-04	1.32E-02	5.80E-03	8.65E-04	3.27E-08	2.74E-05	7.34E-05	8.98E-05	6.85E-03
2453	496956.82, 3858964.83	0.0086	0.0043	0.0048	0.0086	0.0073	0.0278	0.0043	0.0043	1.17E-02	8.53E-04	3.20E-08	5.51E-05	1.48E-04	1.70E-04	1.29E-02	5.69E-03	8.53E-04	3.20E-08	2.68E-05	7.20E-05	8.28E-05	6.73E-03
2454	497056.82, 3858964.83	0.0085	0.0043	0.0047	0.0084	0.0072	0.0258	0.0043	0.0043	1.15E-02	8.45E-04	3.15E-08	5.43E-05	1.46E-04	1.58E-04	1.27E-02	5.61E-03	8.45E-04	3.15E-08	2.64E-05	7.10E-05	7.70E-05	6.63E-03
2455	497156.82, 3858964.83	0.0083	0.0043	0.0046	0.0083	0.007	0.0242	0.0043	0.0043	1.13E-02	8.37E-04	3.10E-08	5.34E-05	1.44E-04	1.48E-04	1.25E-02	5.51E-03	8.37E-04	3.10E-08	2.60E-05	6.99E-05	7.20E-05	6.52E-03
2456	497256.82, 3858964.83	0.0083	0.0043	0.0046	0.0083	0.0071	0.0229	0.0043	0.0043	1.13E-02	8.39E-04	3.09E-08	5.34E-05	1.44E-04	1.40E-04	1.25E-02	5.50E-03	8.39E-04	3.09E-08	2.60E-05	7.02E-05	6.83E-05	6.50E-03
2457	496856.82, 3859064.83	0.0087	0.0045	0.0048	0.0088	0.0073	0.0277	0.0045	0.0045	1.19E-02	8.85E-04	3.23E-08	5.63E-05	1.49E-04	1.70E-04	1.31E-02	5.79E-03	8.85E-04	3.23E-08	2.74E-05	7.27E-05	8.26E-05	6.85E-03
2458	496956.82, 3859064.83	0.0086	0.0044	0.0047	0.0086	0.0072	0.0258	0.0045	0.0044	1.17E-02	8.75E-04	3.17E-08	5.54E-05	1.47E-04	1.58E-04	1.29E-02	5.69E-03	8.75E-04	3.17E-08	2.70E-05	7.17E-05	7.68E-05	6.74E-03
2459	497056.82, 3859064.83	0.0085	0.0044	0.0046	0.0085	0.0071	0.0242	0.0044	0.0044	1.15E-02	8.67E-04	3.12E-08	5.46E-05	1.46E-04	1.48E-04	1.27E-02	5.61E-03	8.67E-04	3.12E-08	2.66E-05	7.09E-05	7.20E-05	6.65E-03
2460	497156.82, 3859064.83	0.0084	0.0044	0.0046	0.0084	0.0071	0.0228	0.0044	0.0044	1.14E-02	8.61E-04	3.08E-08	5.39E-05	1.44E-04	1.39E-04	1.26E-02	5.53E-03	8.61E-04	3.08E-08	2.62E-05	7.01E-05	6.78E-05	6.56E-03
2461	497256.82, 3859064.83	0.0084	0.0044	0.0046	0.0084	0.0072	0.0218	0.0044	0.0044	1.14E-02	8.67E-04	3.08E-08	5.42E-05	1.46E-04	1.33E-04	1.26E-02	5.53E-03	8.67E-04	3.08E-08	2.64E-05	7.10E-05	6.50E-05	6.56E-03
2462	496856.82, 3859164.83	0.0087	0.0046	0.0047	0.0087	0.0072	0.0256	0.0046	0.0046	1.18E-02	9.02E-04	3.18E-08	5.60E-05	1.46E-04	1.56E-04	1.30E-02	5.73E-03	9.02E-04	3.18E-08	2.73E-05	7.10E-05	7.61E-05	6.81E-03
2463	496956.82, 3859164.83	0.0085	0.0045	0.0046	0.0086	0.0071	0.024	0.0045	0.0045	1.16E-02	8.92E-04	3.12E-08	5.50E-05	1.44E-04	1.47E-04	1.28E-02	5.63E-03	8.92E-04	3.12E-08	2.68E-05	7.00E-05	7.13E-05	6.69E-03
2464	497056.82, 3859164.83	0.0084	0.0045	0.0046	0.0085	0.007	0.0227	0.0045	0.0045	1.14E-02	8.87E-04	3.08E-08	5.44E-05	1.43E-04	1.39E-04	1.27E-02	5.57E-03	8.87E-04	3.08E-08	2.65E-05	6.97E-05	6.75E-05	6.62E-03
2465	497156.82, 3859164.83	0.0084	0.0045	0.0046	0.0085	0.0071	0.0217	0.0045	0.0045	1.14E-02	8.87E-04	3.06E-08	5.44E-05	1.44E-04	1.32E-04	1.26E-02	5.54E-03	8.87E-04	3.06E-08	2.65E-05	7.01E-05	6.45E-05	6.59E-03
2466	497256.82, 3859164.83	0.0084	0.0046	0.0046	0.0085	0.0072	0.0208	0.0046	0.0046	1.14E-02	8.96E-04	3.08E-08	5.49E-05	1.46E-04	1.28E-04	1.26E-02	5.54E-03	8.96E-04	3.08E-08	2.67E-05	7.13E-05	6.21E-05	6.60E-03
2467	496856.82, 3859264.83	0.0085	0.0047	0.0046	0.0086	0.0069	0.0235	0.0047	0.0047	1.16E-02	9.20E-04	3.10E-08	5.54E-05	1.41E-04	1.44E-04	1.29E-02	5.65E-03	9.20E-04	3.10E-08	2.70E-05	6.84E-05	7.01E-05	6.73E-03
2468	496956.82, 3859264.83	0.0084	0.0047	0.0046	0.0085	0.0069	0.0224	0.0046	0.0047	1.15E-02	9.16E-04	3.06E-08	5.49E-05	1.41E-04	1.37E-04	1.27E-02	5.59E-03	9.16E-04	3.06E-08	2.67E-05	6.85E-05	6.67E-05	6.67E-03
2469	497056.82, 3859264.83	0.0084	0.0047	0.0045	0.0085	0.007	0.0214	0.0047	0.0047	1.14E-02	9.16E-04	3.05E-08	5.49E-05	1.42E-04	1.31E-04	1.27E-02	5.55E-03	9.16E-04	3.05E-08	2.67E-05	6.91E-05	6.38E-05	6.63E-03
2470	497156.82, 3859264.83	0.0083	0.0047	0.0045	0.0085	0.007	0.0206	0.0047	0.0047	1.13E-02	9.16E-04	3.04E-08	5.48E-05	1.43E-04	1.26E-04	1.26E-02	5.51E-03	9.16E-04	3.04E-08	2.67E-05	6.96E-05	6.12E-05	6.59E-03
2471	497256.82, 3859264.83	0.0083	0.0047	0.0045	0.0086	0.0071	0.0199	0.0047	0.0047	1.13E-02	9.24E-04	3.05E-08	5.52E-05	1.45E-04	1.22E-04	1.25E-02	5.49E-03	9.24E-04	3.05E-08	2.69E-05	7.06E-05	5.92E-05	6.57E-03
2472	497088.92, 3858620.93	0.0081	0.0039	0.0046	0.0081	0.007	0.0297	0.0039	0.0039	1.10E-02	7.64E-04	3.06E-08	5.20E-05	1.43E-04	1.81E-04	1.21E-02	5.35E-03	7.64E-04	3.06E-08	2.53E-05	6.94E-05	8.83E-05	6.30E-03
2473	497138.92, 3858620.93	0.008	0.0039	0.0045	0.0081	0.007	0.0285	0.0039	0.0039	1.09E-02	7.62E-04	3.04E-08	5.18E-05	1.42E-04	1.74E-04	1.21E-02	5.33E-03	7.62E-04	3.04E-08	2.52E-05	6.93E-05	8.48E-05	6.27E-03
2474	497188.92, 3858620.93	0.008	0.0039	0.0045	0.008	0.007	0.0274	0.0039	0.0039	1.09E-02	7.60E-04	3.05E-08	5.14E-05	1.42E-04	1.68E-04	1.20E-02	5.28E-03	7.60E-04	3.05E-08	2.50E-05	6.90E-05	8.16E-05	6.22E-03
2475	497238.92, 3858620.93	0.0079	0.0039	0.0045	0.0079	0.0069	0.0264	0.0039	0.0039	1.08E-02	7.58E-04	3.03E-08	5.11E-05	1.41E-04	1.62E-04	1.19E-02	5.25E-03	7.58E-04	3.03E-08	2.49E-05	6.86E-05	7.87E-05	6.18E-03
2476	497088.92, 3858670.93	0.0081	0.0039	0.0046	0.0081	0.0069	0.0288	0.0039	0.0039	1.10E-02	7.72E-04	3.08E-08	5.20E-05	1.42E-04	1.76E-04	1.21E-02	5.34E-03	7.72E-04	3.08E-08	2.53E-05	6.89E-05	8.56E-05	6.29E-03

2477	497138.92, 3858670.93	0.0081	0.0039	0.0046	0.0081	0.007	0.0277	0.0039	0.0039	1.10E-02	7.72E-04	3.08E-08	5.19E-05	1.42E-04	1.70E-04	1.21E-02	5.34E-03	7.72E-04	3.08E-08	2.53E-05	6.90E-05	8.26E-05	6.29E-03
2478	497188.92, 3858670.93	0.008	0.0039	0.0045	0.008	0.0069	0.0267	0.0039	0.0039	1.09E-02	7.68E-04	3.05E-08	5.15E-05	1.41E-04	1.63E-04	1.20E-02	5.29E-03	7.68E-04	3.05E-08	2.50E-05	6.85E-05	7.95E-05	6.24E-03
2479	497238.92, 3858670.93	0.008	0.0039	0.0045	0.008	0.0069	0.0258	0.0039	0.0039	1.09E-02	7.68E-04	3.04E-08	5.13E-05	1.40E-04	1.58E-04	1.20E-02	5.28E-03	7.68E-04	3.04E-08	2.50E-05	6.83E-05	7.70E-05	6.22E-03
2480	497088.92, 3858720.93	0.0082	0.004	0.0046	0.0082	0.0071	0.0282	0.004	0.004	1.12E-02	7.86E-04	3.10E-08	5.26E-05	1.44E-04	1.72E-04	1.23E-02	5.44E-03	7.86E-04	3.10E-08	2.56E-05	7.02E-05	8.39E-05	6.41E-03
2481	497138.92, 3858720.93	0.008	0.0039	0.0045	0.008	0.0069	0.027	0.0039	0.0039	1.09E-02	7.76E-04	3.06E-08	5.17E-05	1.40E-04	1.65E-04	1.21E-02	5.32E-03	7.76E-04	3.06E-08	2.51E-05	6.80E-05	8.03E-05	6.27E-03
2482	497188.92, 3858720.93	0.008	0.0039	0.0045	0.008	0.0068	0.0261	0.0039	0.0039	1.09E-02	7.74E-04	3.04E-08	5.13E-05	1.39E-04	1.59E-04	1.20E-02	5.29E-03	7.74E-04	3.04E-08	2.50E-05	6.77E-05	7.76E-05	6.23E-03
2483	497238.92, 3858720.93	0.0081	0.004	0.0045	0.008	0.007	0.0254	0.004	0.004	1.10E-02	7.78E-04	3.04E-08	5.15E-05	1.42E-04	1.55E-04	1.21E-02	5.34E-03	7.78E-04	3.04E-08	2.51E-05	6.91E-05	7.56E-05	6.29E-03
2484	497088.92, 3858770.93	0.0082	0.004	0.0046	0.0082	0.0071	0.0276	0.004	0.004	1.12E-02	7.94E-04	3.10E-08	5.27E-05	1.44E-04	1.69E-04	1.24E-02	5.46E-03	7.94E-04	3.10E-08	2.56E-05	7.00E-05	8.21E-05	6.43E-03
2485	497138.92, 3858770.93	0.0082	0.004	0.0046	0.0081	0.007	0.0266	0.004	0.004	1.11E-02	7.90E-04	3.07E-08	5.22E-05	1.43E-04	1.63E-04	1.23E-02	5.41E-03	7.90E-04	3.07E-08	2.54E-05	6.94E-05	7.91E-05	6.37E-03
2486	497188.92, 3858770.93	0.0081	0.004	0.0045	0.0081	0.0069	0.0257	0.004	0.004	1.11E-02	7.86E-04	3.04E-08	5.18E-05	1.42E-04	1.57E-04	1.22E-02	5.38E-03	7.86E-04	3.04E-08	2.52E-05	6.89E-05	7.65E-05	6.34E-03
2487	497238.92, 3858770.93	0.0082	0.004	0.0045	0.0081	0.007	0.025	0.004	0.004	1.11E-02	7.88E-04	3.05E-08	5.18E-05	1.42E-04	1.53E-04	1.22E-02	5.40E-03	7.88E-04	3.05E-08	2.52E-05	6.91E-05	7.44E-05	6.36E-03
2488	497396.65, 3858622.63	0.0081	0.0039	0.0045	0.008	0.0071	0.0242	0.0039	0.0039	1.10E-02	7.70E-04	3.04E-08	5.17E-05	1.46E-04	1.48E-04	1.21E-02	5.37E-03	7.70E-04	3.04E-08	2.52E-05	7.09E-05	7.20E-05	6.31E-03
2489	497496.65, 3858622.63	0.0082	0.0039	0.0045	0.0081	0.0072	0.0231	0.004	0.0039	1.11E-02	7.76E-04	3.06E-08	5.20E-05	1.47E-04	1.41E-04	1.22E-02	5.41E-03	7.76E-04	3.06E-08	2.53E-05	7.18E-05	6.87E-05	6.35E-03
2490	497596.65, 3858622.63	0.0083	0.004	0.0046	0.0082	0.0074	0.0222	0.004	0.004	1.13E-02	7.92E-04	3.10E-08	5.30E-05	1.51E-04	1.36E-04	1.24E-02	5.50E-03	7.92E-04	3.10E-08	2.58E-05	7.36E-05	6.60E-05	6.46E-03
2491	497696.65, 3858622.63	0.0083	0.004	0.0046	0.0083	0.0074	0.0212	0.0041	0.004	1.13E-02	7.96E-04	3.10E-08	5.31E-05	1.52E-04	1.30E-04	1.24E-02	5.49E-03	7.96E-04	3.10E-08	2.58E-05	7.39E-05	6.33E-05	6.45E-03
2492	497796.65, 3858622.63	0.0083	0.0041	0.0046	0.0083	0.0076	0.0204	0.0041	0.0041	1.13E-02	8.04E-04	3.12E-08	5.35E-05	1.54E-04	1.25E-04	1.25E-02	5.51E-03	8.04E-04	3.12E-08	2.60E-05	7.50E-05	6.08E-05	6.48E-03
2493	497896.65, 3858622.63	0.0083	0.0041	0.0047	0.0084	0.0077	0.0197	0.0042	0.0041	1.14E-02	8.14E-04	3.14E-08	5.40E-05	1.56E-04	1.21E-04	1.25E-02	5.53E-03	8.14E-04	3.14E-08	2.63E-05	7.60E-05	5.87E-05	6.50E-03
2494	497396.65, 3858722.63	0.0082	0.004	0.0046	0.0082	0.0072	0.0236	0.004	0.004	1.12E-02	7.94E-04	3.09E-08	5.25E-05	1.46E-04	1.44E-04	1.23E-02	5.44E-03	7.94E-04	3.09E-08	2.55E-05	7.10E-05	7.02E-05	6.40E-03
2495	497496.65, 3858722.63	0.0083	0.0041	0.0046	0.0082	0.0072	0.0226	0.0041	0.0041	1.12E-02	8.00E-04	3.10E-08	5.29E-05	1.48E-04	1.38E-04	1.24E-02	5.47E-03	8.00E-04	3.10E-08	2.57E-05	7.19E-05	6.72E-05	6.44E-03
2496	497596.65, 3858722.63	0.0084	0.0041	0.0047	0.0084	0.0074	0.0218	0.0041	0.0041	1.14E-02	8.14E-04	3.13E-08	5.38E-05	1.51E-04	1.33E-04	1.25E-02	5.53E-03	8.14E-04	3.13E-08	2.62E-05	7.36E-05	6.48E-05	6.51E-03
2497	497696.65, 3858722.63	0.0084	0.0042	0.0047	0.0084	0.0075	0.0209	0.0042	0.0042	1.14E-02	8.20E-04	3.14E-08	5.42E-05	1.53E-04	1.28E-04	1.25E-02	5.55E-03	8.20E-04	3.14E-08	2.64E-05	7.45E-05	6.22E-05	6.53E-03
2498	497796.65, 3858722.63	0.0083	0.0042	0.0047	0.0084	0.0075	0.0201	0.0042	0.0042	1.14E-02	8.23E-04	3.14E-08	5.42E-05	1.54E-04	1.23E-04	1.25E-02	5.53E-03	8.23E-04	3.14E-08	2.64E-05	7.48E-05	5.98E-05	6.51E-03
2499	497896.65, 3858722.63	0.0083	0.0042	0.0047	0.0085	0.0076	0.0193	0.0042	0.0042	1.13E-02	8.31E-04	3.15E-08	5.45E-05	1.55E-04	1.18E-04	1.25E-02	5.51E-03	8.31E-04	3.15E-08	2.65E-05	7.53E-05	5.76E-05	6.50E-03
2500	497396.65, 3858822.63	0.0083	0.0041	0.0046	0.0082	0.0071	0.0229	0.0041	0.0041	1.12E-02	8.14E-04	3.10E-08	5.29E-05	1.45E-04	1.40E-04	1.24E-02	5.47E-03	8.14E-04	3.10E-08	2.57E-05	7.07E-05	6.81E-05	6.45E-03
2501	497496.65, 3858822.63	0.0083	0.0042	0.0046	0.0083	0.0072	0.0219	0.0042	0.0042	1.13E-02	8.18E-04	3.10E-08	5.31E-05	1.47E-04	1.34E-04	1.24E-02	5.48E-03	8.18E-04	3.10E-08	2.59E-05	7.14E-05	6.52E-05	6.46E-03
2502	497596.65, 3858822.63	0.0084	0.0042	0.0047	0.0084	0.0074	0.0211	0.0042	0.0042	1.14E-02	8.31E-04	3.13E-08	5.43E-05	1.51E-04	1.29E-04	1.26E-02	5.55E-03	8.31E-04	3.13E-08	2.64E-05	7.34E-05	6.29E-05	6.55E-03
2503	497696.65, 3858822.63	0.0084	0.0043	0.0047	0.0085	0.0074	0.0203	0.0043	0.0043	1.14E-02	8.39E-04	3.15E-08	5.45E-05	1.52E-04	1.24E-04	1.25E-02	5.53E-03	8.39E-04	3.15E-08	2.65E-05	7.39E-05	6.05E-05	6.53E-03
2504	497796.65, 3858822.63	0.0083	0.0043	0.0047	0.0085	0.0075	0.0195	0.0043	0.0043	1.13E-02	8.41E-04	3.14E-08	5.45E-05	1.53E-04	1.19E-04	1.25E-02	5.51E-03	8.41E-04	3.14E-08	2.66E-05	7.43E-05	5.81E-05	6.51E-03
2505	497896.65, 3858822.63	0.0083	0.0043	0.0047	0.0086	0.0076	0.0189	0.0044	0.0043	1.13E-02	8.55E-04	3.17E-08	5.53E-05	1.55E-04	1.16E-04	1.25E-02	5.51E-03	8.55E-04	3.17E-08	2.69E-05	7.53E-05	5.63E-05	6.53E-03
2506	497396.65, 3858922.63	0.0083	0.0042	0.0046	0.0083	0.0071	0.0219	0.0042	0.0042	1.13E-02	8.33E-04	3.08E-08	5.33E-05	1.45E-04	1.34E-04	1.24E-02	5.49E-03	8.33E-04	3.08E-08	2.60E-05	7.07E-05	6.53E-05	6.48E-03
2507	497496.65, 3858922.63	0.0084	0.0043	0.0046	0.0084	0.0073	0.0212	0.0043	0.0043	1.14E-02	8.47E-04	3.12E-08	5.42E-05	1.49E-04	1.29E-04	1.25E-02	5.53E-03	8.47E-04	3.12E-08	2.64E-05	7.24E-05	6.30E-05	6.54E-03
2508	497596.65, 3858922.63	0.0083	0.0043	0.0046	0.0084	0.0073	0.0202	0.0043	0.0043	1.13E-02	8.45E-04	3.10E-08	5.39E-05	1.48E-04	1.24E-04	1.24E-02	5.49E-03	8.45E-04	3.10E-08	2.62E-05	7.21E-05	6.03E-05	6.49E-03
2509	497696.65, 3858922.63	0.0083	0.0044	0.0047	0.0086	0.0074	0.0196	0.0044	0.0044	1.14E-02	8.59E-04	3.14E-08	5.51E-05	1.52E-04	1.20E-04	1.25E-02	5.53E-03	8.59E-04	3.14E-08	2.68E-05	7.39E-05	5.84E-05	6.54E-03
2510	497796.65, 3858922.63	0.0083	0.0044	0.0047	0.0086	0.0075	0.019	0.0044	0.0044	1.13E-02	8.71E-04	3.17E-08	5.55E-05	1.53E-04	1.16E-04	1.25E-02	5.51E-03	8.71E-04	3.17E-08	2.70E-05	7.47E-05	5.66E-05	6.54E-03
2511	497896.65, 3858922.63	0.0083	0.0045	0.0048	0.0088	0.0077	0.0185	0.0045	0.0045	1.13E-02	8.85E-04	3.20E-08	5.65E-05	1.56E-04	1.13E-04	1.25E-02	5.51E-03	8.85E-04	3.20E-08	2.75E-05	7.60E-05	5.50E-05	6.55E-03
2512	497364.44, 3858201.52	0.0078	0.0036	0.0044	0.0079	0.0074	0.0336	0.0036	0.0036	1.06E-02	7.11E-04	2.96E-08	5.10E-05	1.50E-04	2.06E-04	1.17E-02	5.14E-03	7.11E-04	2.96E-08	2.48E-05	7.30E-05	1.00E-04	6.05E-03
2513	497414.44, 3858201.52	0.0078	0.0036	0.0044	0.008	0.0074	0.0318	0.0036	0.0036	1.06E-02	7.13E-04	2.96E-08	5.11E-05	1.50E-04	1.94E-04	1.17E-02	5.18E-03	7.13E-04	2.96E-08	2.49E-05	7.31E-05	9.46E-05	6.08E-03
2514	497464.44, 3858201.52	0.0079	0.0036	0.0044	0.008	0.0074	0.0302	0.0036	0.0036	1.07E-02	7.17E-04	2.96E-08	5.13E-05	1.51E-04	1.85E-04	1.18E-02	5.20E-03	7.17E-04	2.96E-08	2.50E-05	7.34E-05	9.00E-05	6.11E-03
2515	497514.44, 3858201.52	0.0078	0.0037	0.0044	0.008	0.0074	0.029	0.0037	0.0037	1.07E-02	7.19E-04	2.98E-08	5.12E-05	1.51E-04	1.77E-04	1.18E-02	5.20E-03	7.19E-04	2.98E-08	2.49E-05	7.36E-05	8.62E-05	6.10E-03
2516	497564.44, 3858201.52	0.0078	0.0036	0.0044	0.0079	0.0074	0.0278	0.0036	0.0036	1.06E-02	7.17E-04	2.96E-08	5.09E-05	1.51E-04	1.70E-04	1.17E-02	5.18E-03	7.17E-04	2.96E-08	2.48E-05	7.33E-05	8.27E-05	6.07E-03
2517	497614.44, 3858201.52	0.0078	0.0036	0.0044	0.0079	0.0074	0.0267	0.0037	0.0036	1.06E-02	7.17E-04	2.96E-08	5.08E-05	1.50E-04	1.63E-04	1.17E-02	5.18E-03	7.17E-04	2.96E-08	2.47E-05	7.32E-05	7.95E-05	6.07E-03
2518	497364.44, 3858251.52	0.0079	0.0037	0.0044	0.008	0.0074	0.0316	0.0037	0.0037	1.07E-02	7.21E-04	2.99E-08	5.14E-05	1.50E-04	1.94E-04	1.18E-02	5.21E-03	7.21E-04	2.99E-08	2.50E-05	7.32E-05	9.42E-05	6.12E-03
2519	497414.44, 3858251.52	0.0079	0.0037	0.0045	0.008	0.0074	0.0302	0.0037	0.0037	1.08E-02	7.25E-04	3.00E-08	5.17E-05	1.52E-04	1.84E-04	1.19E-02	5.25E-03	7.25E-04	3.00E-08	2.51E-05	7.38E-05	8.98E-05	6.16E-03
2520	497464.44, 3858251.52	0.0079	0.0037	0.0044	0.008	0.0074	0.0289	0.0037	0.0037	1.07E-02	7.23E-04	2.98E-08	5.13E-05	1.50E-04	1.77E-04	1.18E-02	5.21E-03	7.23E-04	2.98E-08	2.50E-05	7.32E-05	8.60E-05	6.12E-03
2521	497514.44, 3858251.52	0.0078	0.0037	0.0044	0.0079	0.0073	0.0277	0.0037	0.0037	1.06E-02	7.19E-04	2.96E-08	5.08E-05	1.49E-04	1.69E-04	1.17E-02	5.16E-03	7.19E-04	2.96E-08	2.47E-05	7.26E-05	8.24E-05	6.06E-03
2522	497564.44, 3858251.52	0.0078	0.0037	0.0044	0.0079	0.0073	0.0266	0.0037	0.0037	1.06E-02	7.19E-04	2.95E-08	5.06E-05	1.48E-04	1.63E-04	1.16E-02	5.14E-03	7.19E-04	2.95E-08	2.46E-05	7.22E-05	7.92E-05	6.04E-03
2523	497614.44, 3858251.52	0.0077	0.0036	0.0044	0.0078	0.0072	0.0256	0.0037	0.0036	1.05E-02	7.17E-04	2.94E-08	5.03E-05	1.48E-04	1.57E-04	1.16E-02	5.12E-03	7.17E-04	2.94E-08	2.45E-05	7.19E-05	7.63E-05	6.01E-03
2524	497364.44, 3858301.52	0.0079	0.0037	0.0045	0.008	0.0073	0.0301	0.0037	0.0037	1.07E-02	7.27E-04	3.00E-08	5.13E-05	1.49E-04	1.84E-04	1.19E-02	5.23E-03	7.27E-04	3.00E-08	2.50E-05	7.28E-05	8.96E-05	6.14E-03
2525	497414.44, 3858301.52	0.0079	0.0037	0.0045	0.008	0.0074	0.0288	0.0037	0.0037	1.08E-02	7.29E-04	3.00E-08	5.15E-05	1.50E-04	1.76E-04	1.19E-02	5.25E-03	7.29E-04	3.00E-08	2.50E-05	7.31E-05	8.59E-05	6.16E-03
2526	497464.44, 3858301.52	0.0078	0.0037	0.0044	0.0079	0.0073	0.0277	0.0037	0.0037	1.07E-02	7.25E-04	2.98E-08	5.10E-05	1.49E-04	1.69E-04	1.18E-02	5.20E-03	7.25E-04	2.98E-08	2.48E-05	7.24E-05	8.25E-05	6.10E-03
2527	497514.44, 3858301.52	0.0078	0.0037	0.0044	0.0079	0.0072	0.0266	0.0037	0.0037	1.06E-02	7.23E-04	2.96E-08	5.06E-05	1.48E-04	1.63E-04	1.17E-02	5.16E-03	7.23E-04	2.96E-08	2.46E-05	7.19E-05	7.93E-05	6.06E-03
2528	497564.44, 3858301.52	0.0077	0.0037	0.0044	0.0078	0.0072	0.0256	0.0037	0.0037	1.05E-02	7.21E-04	2.94E-08	5.02E-05	1.46E-04	1.57E-04	1.16E-02	5.12E-03	7.21E-04	2.94E-08	2.44E-05	7.12E-05	7.63E-05	6.01E-03
2529	497614.44, 3858301.52	0.0077	0.0037	0.0044	0.0078	0.0071	0.0247	0.0037	0.0037	1.05E-02	7.19E-04	2.93E-08	4.99E-05	1.46E-04	1.51E-04	1.15E-02	5.09E-03	7.19E-04	2.93E-08	2.43E-05	7.09E-05	7.36E-05	5.98E-03
2530	497364.44, 3858351.52	0.0079	0.0037	0.0045	0.008	0.0073	0.0289	0.0037	0.0037	1.08E-02	7.33E-04	3.01E-08	5.15E-05	1.49E-04	1.77E-04	1.19E-02	5.25E-03	7.33E-04	3.01E-08	2.50E-05	7.25E-05	8.59E-05	6.16E-03
2531	497414.44, 3858351.52	0.0079	0.0037	0.0044	0.0079	0.0073	0.0277	0.0037	0.0037	1.07E-02	7.31E-04	2.99E-08	5.11E-05	1.48E-04	1.70E-04	1.18E-02	5.22E-03	7.31E-04	2.99E-08	2.49E-05	7.21E-05	8.26E-05	6.13E-03
2532	497464.44, 3858351.52	0.0078	0.0037	0.0044	0.0079	0.0072	0.0267	0.0037	0.0037	1.07E-02	7.31E-04	2.98E-08	5.08E-05	1.47E-04	1.63E-04	1.18E-02	5.20E-03	7.31E-04	2.98E-08	2.47E-05	7.18E-05	7.95E-05	6.10E-03
2533	497514.44, 3858351.52	0.0078	0.0037	0.0044	0.0079	0.0072	0.0257	0.0037	0.0037	1.06E-02	7.29E-04	2.96E-08	5.06E-05	1.47E-04	1.57E-04	1.17E-02	5.17E-03	7.29E-04	2.96E-08	2.46E-05	7.14E-05	7.66E-05	6.07E-03
2534	497564.44, 3858351.52	0.0077	0.0037	0.0044	0.0078	0.0071	0.0248	0.0037	0.0037	1.05E-02	7.25E-04	2.94E-08	5.00E-05	1.45E-04	1.52E-04	1.16E-02	5.11E-03	7.25E-04	2.94E-08	2.43E-05	7.06E-05	7.38E-05	6.00E-03
2535	497614.44, 3858351.52	0.0077	0.0037	0.0044	0.0077	0.0071	0.024	0.0037	0.0037	1.05E-02	7.23E-04	2.93E-08	4.97E-05	1.44E-04	1.47E-04	1.15E-02	5.09E-03	7.23E-04	2.93E-08	2.42E-05	7.03E-05	7.13E-05	5.98E-03
2536	497364.44, 3858401.52	0.0079	0.0037	0.0044	0.0079	0.0072	0.0277	0.0037	0.0037	1.07E-02	7.35E-04	2.99E-08	5.11E-05	1.46E-04	1.69E-04	1.18E-02	5.23E-03	7.35E-04	2.99E-08	2.49E-05	7.13E-05	8.25E-05	6.14E-03
2537	497414.44, 3858401.52	0.0079	0.0037	0.0044	0.0079	0.0072	0.0267	0.0037	0.0037	1.07E-02	7.35E-04	2.99E-08	5.08E-05	1.46E-04	1.64E-04	1.18E-02	5.20E-03	7.35E-04	2.99E-08	2.47E-05	7.13E-05	7.96E-05	6.11E-03
2538	497464.44, 3858401.52	0.0078	0.0037	0.0044	0.0078	0.0071	0.0258	0.0037	0.0037	1.06E-02	7.33E-04	2.97E-08	5.04E-05	1.45E-04	1.58E-04	1.17E-02	5.17E-03	7.33E-04	2.97E-08	2.45E-05	7.08E-05	7.68E-05	6.07E-03

2539	497514.44, 3858401.52	0.0078	0.0037	0.0044	0.0078	0.0071	0.0249	0.0037	0.0037	1.06E-02	7.31E-04	2.96E-08	5.02E-05	1.45E-04	1.52E-04	1.16E-02	5.14E-03	7.31E-04	2.96E-08	2.44E-05	7.04E-05	7.42E-05	6.04E-03
2540	497564.44, 3858401.52	0.0078	0.0037	0.0044	0.0078	0.0071	0.0241	0.0037	0.0037	1.06E-02	7.35E-04	2.96E-08	5.04E-05	1.45E-04	1.48E-04	1.17E-02	5.17E-03	7.35E-04	2.96E-08	2.45E-05	7.08E-05	7.18E-05	6.07E-03
2541	497614.44, 3858401.52	0.0079	0.0037	0.0044	0.0079	0.0072	0.0233	0.0038	0.0037	1.07E-02	7.35E-04	2.96E-08	5.06E-05	1.46E-04	1.43E-04	1.18E-02	5.20E-03	7.35E-04	2.96E-08	2.46E-05	7.10E-05	6.95E-05	6.10E-03
2542	493478.11, 3860497.94	0.0087	0.0182	0.0059	0.0148	0.0043	0.0444	0.0182	0.0182	1.18E-02	3.59E-03	3.99E-08	9.49E-05	8.69E-05	2.72E-04	1.58E-02	5.74E-03	3.59E-03	3.99E-08	4.62E-05	4.23E-05	1.32E-04	9.55E-03
2543	493528.11, 3860497.94	0.0086	0.0179	0.0059	0.0146	0.0042	0.0438	0.0178	0.0179	1.17E-02	3.52E-03	3.97E-08	9.39E-05	8.61E-05	2.68E-04	1.56E-02	5.68E-03	3.52E-03	3.97E-08	4.57E-05	4.19E-05	1.30E-04	9.42E-03
2544	493478.11, 3860547.94	0.0083	0.019	0.0056	0.0141	0.0042	0.0366	0.0189	0.019	1.14E-02	3.74E-03	3.79E-08	9.08E-05	8.59E-05	2.24E-04	1.55E-02	5.53E-03	3.74E-03	3.79E-08	4.42E-05	4.18E-05	1.09E-04	9.46E-03
2545	493528.11, 3860547.94	0.0083	0.0186	0.0056	0.014	0.0042	0.0362	0.0186	0.0186	1.12E-02	3.67E-03	3.77E-08	9.00E-05	8.50E-05	2.21E-04	1.53E-02	5.47E-03	3.67E-03	3.77E-08	4.38E-05	4.14E-05	1.08E-04	9.34E-03
2546	493478.11, 3860597.94	0.008	0.0198	0.0054	0.0135	0.0042	0.0308	0.0197	0.0198	1.09E-02	3.89E-03	3.61E-08	8.70E-05	8.46E-05	1.89E-04	1.52E-02	5.32E-03	3.89E-03	3.61E-08	4.23E-05	4.12E-05	9.18E-05	9.39E-03
2547	493528.11, 3860597.94	0.008	0.0194	0.0053	0.0134	0.0041	0.0306	0.0194	0.0194	1.08E-02	3.82E-03	3.59E-08	8.62E-05	8.40E-05	1.87E-04	1.50E-02	5.27E-03	3.82E-03	3.59E-08	4.20E-05	4.09E-05	9.10E-05	9.27E-03
2548	493561.88, 3860524.64	0.0084	0.018	0.0057	0.0142	0.0042	0.0391	0.018	0.018	1.14E-02	3.55E-03	3.86E-08	9.12E-05	8.50E-05	2.39E-04	1.53E-02	5.53E-03	3.55E-03	3.86E-08	4.44E-05	4.14E-05	1.16E-04	9.29E-03
2549	493591.88, 3860524.64	0.0083	0.0178	0.0057	0.0141	0.0042	0.0389	0.0177	0.0178	1.13E-02	3.50E-03	3.85E-08	9.07E-05	8.46E-05	2.38E-04	1.52E-02	5.51E-03	3.50E-03	3.85E-08	4.41E-05	4.12E-05	1.16E-04	9.22E-03
2550	493561.88, 3860554.64	0.0082	0.0185	0.0056	0.0138	0.0041	0.0351	0.0184	0.0185	1.11E-02	3.64E-03	3.74E-08	8.90E-05	8.44E-05	2.15E-04	1.52E-02	5.41E-03	3.64E-03	3.74E-08	4.33E-05	4.11E-05	1.04E-04	9.25E-03
2551	493591.88, 3860554.64	0.0081	0.0182	0.0056	0.0138	0.0041	0.035	0.0181	0.0182	1.11E-02	3.58E-03	3.74E-08	8.85E-05	8.40E-05	2.14E-04	1.51E-02	5.39E-03	3.58E-03	3.74E-08	4.31E-05	4.09E-05	1.04E-04	9.17E-03
2552	492880.5, 3860293.11	0.0117	0.0214	0.0077	0.0218	0.0049	0.4494	0.0214	0.0214	1.59E-02	4.22E-03	5.20E-08	1.40E-04	9.95E-05	2.75E-03	2.31E-02	7.75E-03	4.22E-03	5.20E-08	6.83E-05	4.84E-05	1.34E-03	1.34E-02
2553	492930.5, 3860293.11	0.0115	0.0207	0.0077	0.0213	0.0049	0.4103	0.0207	0.0207	1.57E-02	4.08E-03	5.19E-08	1.37E-04	9.93E-05	2.51E-03	2.25E-02	7.63E-03	4.08E-03	5.19E-08	6.68E-05	4.83E-05	1.22E-03	1.30E-02
2554	492980.5, 3860293.11	0.0114	0.02	0.0077	0.0209	0.0049	0.3881	0.0199	0.02	1.55E-02	3.93E-03	5.16E-08	1.34E-04	9.89E-05	2.37E-03	2.20E-02	7.53E-03	3.93E-03	5.16E-08	6.54E-05	4.81E-05	1.16E-03	1.27E-02
2555	493030.5, 3860293.11	0.0113	0.0188	0.0075	0.0203	0.0049	0.3614	0.0187	0.0188	1.54E-02	3.70E-03	5.05E-08	1.31E-04	9.91E-05	2.21E-03	2.15E-02	7.48E-03	3.70E-03	5.05E-08	6.37E-05	4.82E-05	1.08E-03	1.24E-02
2556	493080.5, 3860293.11	0.0113	0.0176	0.0073	0.0197	0.0049	0.3439	0.0176	0.0176	1.53E-02	3.47E-03	4.92E-08	1.26E-04	9.93E-05	2.10E-03	2.11E-02	7.47E-03	3.47E-03	4.92E-08	6.16E-05	4.83E-05	1.02E-03	1.21E-02
2557	493130.5, 3860293.11	0.011	0.0177	0.0074	0.0195	0.0048	0.3469	0.0177	0.0177	1.50E-02	3.49E-03	4.96E-08	1.25E-04	9.79E-05	2.12E-03	2.08E-02	7.30E-03	3.49E-03	4.96E-08	6.11E-05	4.77E-05	1.03E-03	1.19E-02
2558	493180.5, 3860293.11	0.0108	0.0177	0.0074	0.0192	0.0047	0.3369	0.0176	0.0177	1.47E-02	3.48E-03	4.98E-08	1.24E-04	9.65E-05	2.06E-03	2.05E-02	7.15E-03	3.48E-03	4.98E-08	6.02E-05	4.70E-05	1.00E-03	1.17E-02
2559	493230.5, 3860293.11	0.0106	0.0174	0.0074	0.0189	0.0047	0.3321	0.0173	0.0174	1.45E-02	3.42E-03	4.96E-08	1.21E-04	9.54E-05	2.03E-03	2.01E-02	7.04E-03	3.42E-03	4.96E-08	5.91E-05	4.65E-05	9.89E-04	1.16E-02
2560	493280.5, 3860293.11	0.0106	0.0167	0.0073	0.0185	0.0047	0.3389	0.0167	0.0167	1.44E-02	3.30E-03	4.88E-08	1.19E-04	9.50E-05	2.07E-03	1.99E-02	6.99E-03	3.30E-03	4.88E-08	5.79E-05	4.63E-05	1.01E-03	1.14E-02
2561	493330.5, 3860293.11	0.0104	0.0163	0.0072	0.0181	0.0046	0.3319	0.0162	0.0163	1.42E-02	3.21E-03	4.83E-08	1.17E-04	9.42E-05	2.03E-03	1.97E-02	6.92E-03	3.21E-03	4.83E-08	5.68E-05	4.59E-05	9.89E-04	1.12E-02
2562	493380.5, 3860293.11	0.0103	0.0159	0.0071	0.0178	0.0046	0.3238	0.0158	0.0159	1.41E-02	3.13E-03	4.79E-08	1.15E-04	9.32E-05	1.98E-03	1.94E-02	6.85E-03	3.13E-03	4.79E-08	5.58E-05	4.54E-05	9.64E-04	1.10E-02
2563	492880.5, 3860343.11	0.0112	0.0224	0.0072	0.0204	0.0048	0.3191	0.0224	0.0224	1.53E-02	4.42E-03	4.88E-08	1.31E-04	9.73E-05	1.95E-03	2.19E-02	7.43E-03	4.42E-03	4.88E-08	6.39E-05	4.74E-05	9.50E-04	1.29E-02
2564	492930.5, 3860343.11	0.011	0.0217	0.0072	0.0201	0.0048	0.2311	0.0217	0.0217	1.50E-02	4.27E-03	4.87E-08	1.29E-04	9.71E-05	1.41E-03	2.09E-02	7.32E-03	4.27E-03	4.87E-08	6.28E-05	4.73E-05	6.88E-04	1.24E-02
2565	492980.5, 3860343.11	0.011	0.0204	0.0072	0.0197	0.0048	0.1823	0.0204	0.0204	1.49E-02	4.02E-03	4.87E-08	1.27E-04	9.79E-05	1.12E-03	2.03E-02	7.28E-03	4.02E-03	4.87E-08	6.16E-05	4.77E-05	5.43E-04	1.19E-02
2566	493030.5, 3860343.11	0.0108	0.0198	0.0072	0.0193	0.0048	0.1622	0.0197	0.0198	1.47E-02	3.89E-03	4.84E-08	1.24E-04	9.73E-05	9.92E-04	1.98E-02	7.18E-03	3.89E-03	4.84E-08	6.06E-05	4.74E-05	4.83E-04	1.17E-02
2567	493080.5, 3860343.11	0.0108	0.0186	0.007	0.0189	0.0048	0.1462	0.0186	0.0186	1.47E-02	3.67E-03	4.73E-08	1.21E-04	9.77E-05	8.94E-04	1.95E-02	7.15E-03	3.67E-03	4.73E-08	5.91E-05	4.76E-05	4.35E-04	1.14E-02
2568	493130.5, 3860343.11	0.0106	0.0184	0.007	0.0186	0.0047	0.1424	0.0183	0.0184	1.44E-02	3.62E-03	4.73E-08	1.20E-04	9.67E-05	8.71E-04	1.92E-02	7.03E-03	3.62E-03	4.73E-08	5.82E-05	4.71E-05	4.24E-04	1.12E-02
2569	493180.5, 3860343.11	0.0104	0.0184	0.0071	0.0184	0.0047	0.1378	0.0183	0.0184	1.41E-02	3.61E-03	4.76E-08	1.18E-04	9.52E-05	8.43E-04	1.88E-02	6.89E-03	3.61E-03	4.76E-08	5.75E-05	4.64E-05	4.10E-04	1.10E-02
2570	493230.5, 3860343.11	0.0103	0.018	0.007	0.0181	0.0046	0.1338	0.018	0.018	1.40E-02	3.55E-03	4.74E-08	1.16E-04	9.44E-05	8.19E-04	1.85E-02	6.79E-03	3.55E-03	4.74E-08	5.66E-05	4.60E-05	3.99E-04	1.08E-02
2571	493280.5, 3860343.11	0.0102	0.0174	0.007	0.0177	0.0046	0.1328	0.0173	0.0174	1.39E-02	3.42E-03	4.68E-08	1.14E-04	9.38E-05	8.12E-04	1.83E-02	6.75E-03	3.42E-03	4.68E-08	5.55E-05	4.57E-05	3.95E-04	1.07E-02
2572	493330.5, 3860343.11	0.0101	0.0168	0.0069	0.0174	0.0046	0.1313	0.0168	0.0168	1.37E-02	3.31E-03	4.63E-08	1.12E-04	9.32E-05	8.03E-04	1.81E-02	6.69E-03	3.31E-03	4.63E-08	5.45E-05	4.54E-05	3.91E-04	1.05E-02
2573	493380.5, 3860343.11	0.01	0.0165	0.0068	0.0172	0.0045	0.1295	0.0164	0.0165	1.36E-02	3.24E-03	4.60E-08	1.10E-04	9.24E-05	7.92E-04	1.78E-02	6.61E-03	3.24E-03	4.60E-08	5.37E-05	4.50E-05	3.86E-04	1.03E-02
2574	492880.5, 3860393.11	0.0107	0.0235	0.0068	0.0191	0.0047	0.2663	0.0235	0.0235	1.46E-02	4.63E-03	4.59E-08	1.23E-04	9.48E-05	1.63E-03	2.11E-02	7.10E-03	4.63E-03	4.59E-08	5.97E-05	4.62E-05	7.93E-04	1.26E-02
2575	492930.5, 3860393.11	0.0106	0.0226	0.0068	0.0188	0.0047	0.1775	0.0226	0.0226	1.44E-02	4.46E-03	4.59E-08	1.21E-04	9.50E-05	1.09E-03	2.02E-02	7.02E-03	4.46E-03	4.59E-08	5.89E-05	4.63E-05	5.29E-04	1.21E-02
2576	492980.5, 3860393.11	0.0105	0.0216	0.0069	0.0186	0.0047	0.1361	0.0216	0.0216	1.43E-02	4.25E-03	4.61E-08	1.19E-04	9.54E-05	8.33E-04	1.96E-02	6.95E-03	4.25E-03	4.61E-08	5.81E-05	4.65E-05	4.05E-04	1.17E-02
2577	493030.5, 3860393.11	0.0104	0.0207	0.0069	0.0183	0.0047	0.1145	0.0207	0.0207	1.41E-02	4.08E-03	4.62E-08	1.18E-04	9.54E-05	7.01E-04	1.91E-02	6.88E-03	4.08E-03	4.62E-08	5.73E-05	4.65E-05	3.41E-04	1.14E-02
2578	493080.5, 3860393.11	0.0104	0.0195	0.0067	0.0179	0.0047	0.0999	0.0195	0.0195	1.41E-02	3.85E-03	4.54E-08	1.15E-04	9.59E-05	6.11E-04	1.88E-02	6.86E-03	3.85E-03	4.54E-08	5.62E-05	4.67E-05	2.98E-04	1.11E-02
2579	493130.5, 3860393.11	0.0102	0.0193	0.0068	0.0177	0.0047	0.0944	0.0193	0.0193	1.38E-02	3.81E-03	4.55E-08	1.14E-04	9.50E-05	5.78E-04	1.84E-02	6.74E-03	3.81E-03	4.55E-08	5.55E-05	4.63E-05	2.81E-04	1.09E-02
2580	493180.5, 3860393.11	0.01	0.0193	0.0068	0.0175	0.0046	0.0899	0.0192	0.0193	1.36E-02	3.79E-03	4.56E-08	1.13E-04	9.38E-05	5.50E-04	1.81E-02	6.61E-03	3.79E-03	4.56E-08	5.48E-05	4.57E-05	2.68E-04	1.08E-02
2581	493230.5, 3860393.11	0.0099	0.0188	0.0067	0.0173	0.0046	0.0862	0.0187	0.0188	1.34E-02	3.70E-03	4.54E-08	1.11E-04	9.30E-05	5.28E-04	1.79E-02	6.54E-03	3.70E-03	4.54E-08	5.40E-05	4.53E-05	2.57E-04	1.06E-02
2582	493280.5, 3860393.11	0.0098	0.018	0.0067	0.017	0.0046	0.084	0.018	0.018	1.34E-02	3.55E-03	4.48E-08	1.09E-04	9.28E-05	5.14E-04	1.76E-02	6.50E-03	3.55E-03	4.48E-08	5.32E-05	4.52E-05	2.50E-04	1.04E-02
2583	493330.5, 3860393.11	0.0097	0.0175	0.0066	0.0167	0.0045	0.0824	0.0174	0.0175	1.32E-02	3.44E-03	4.44E-08	1.07E-04	9.22E-05	5.04E-04	1.74E-02	6.45E-03	3.44E-03	4.44E-08	5.23E-05	4.49E-05	2.45E-04	1.02E-02
2584	493380.5, 3860393.11	0.0096	0.017	0.0065	0.0165	0.0045	0.0811	0.017	0.017	1.31E-02	3.35E-03	4.40E-08	1.06E-04	9.14E-05	4.96E-04	1.72E-02	6.38E-03	3.35E-03	4.40E-08	5.16E-05	4.45E-05	2.42E-04	1.01E-02
2585	492880.5, 3860443.11	0.0103	0.0246	0.0064	0.0178	0.0045	0.1241	0.0246	0.0246	1.40E-02	4.84E-03	4.32E-08	1.14E-04	9.24E-05	7.59E-04	1.98E-02	6.80E-03	4.84E-03	4.32E-08	5.57E-05	4.50E-05	3.70E-04	1.21E-02
2586	492930.5, 3860443.11	0.0101	0.0238	0.0064	0.0176	0.0045	0.105	0.0238	0.0238	1.38E-02	4.69E-03	4.32E-08	1.13E-04	9.24E-05	6.42E-04	1.93E-02	6.71E-03	4.69E-03	4.32E-08	5.50E-05	4.50E-05	3.13E-04	1.18E-02
2587	492980.5, 3860443.11	0.01	0.0228	0.0064	0.0174	0.0046	0.0913	0.0228	0.0228	1.36E-02	4.49E-03	4.33E-08	1.12E-04	9.28E-05	5.58E-04	1.89E-02	6.64E-03	4.49E-03	4.33E-08	5.45E-05	4.52E-05	2.72E-04	1.15E-02
2588	493030.5, 3860443.11	0.0099	0.0219	0.0065	0.0172	0.0046	0.0816	0.0219	0.0219	1.35E-02	4.31E-03	4.34E-08	1.11E-04	9.32E-05	5.00E-04	1.85E-02	6.58E-03	4.31E-03	4.34E-08	5.40E-05	4.54E-05	2.43E-04	1.12E-02
2589	493080.5, 3860443.11	0.0098	0.0212	0.0064	0.017	0.0046	0.0749	0.0212	0.0212	1.34E-02	4.17E-03	4.34E-08	1.10E-04	9.30E-05	4.59E-04	1.82E-02	6.51E-03	4.17E-03	4.34E-08	5.33E-05	4.53E-05	2.23E-04	1.10E-02
2590	493130.5, 3860443.11	0.0097	0.0205	0.0064	0.0168	0.0046	0.0701	0.0205	0.0205	1.32E-02	4.04E-03	4.33E-08	1.08E-04	9.28E-05	4.29E-04	1.79E-02	6.44E-03	4.04E-03	4.33E-08	5.27E-05	4.52E-05	2.09E-04	1.08E-02
2591	493180.5, 3860443.11	0.0096	0.0203	0.0064	0.0166	0.0045	0.0666	0.0203	0.0203	1.30E-02	4.00E-03	4.29E-08	1.07E-04	9.18E-05	4.08E-04	1.76E-02	6.34E-03	4.00E-03	4.29E-08	5.20E-05	4.47E-05	1.98E-04	1.06E-02
2592	493230.5, 3860443.11	0.0095	0.0195	0.0064	0.0164	0.0045	0.064	0.0194	0.0195	1.29E-02	3.84E-03	4.31E-08	1.06E-04	9.18E-05	3.92E-04	1.74E-02	6.30E-03	3.84E-03	4.31E-08	5.14E-05	4.47E-05	1.91E-04	1.04E-02
2593	493280.5, 3860443.11	0.0094	0.0188	0.0064	0.0162	0.0045	0.0621	0.0188	0.0188	1.28E-02	3.71E-03	4.30E-08	1.04E-04	9.14E-05	3.80E-04	1.71E-02	6.25E-03	3.71E-03	4.30E-08	5.08E-05	4.45E-05	1.85E-04	1.02E-02
2594	493330.5, 3860443.11	0.0094	0.0181	0.0063	0.016	0.0045	0.0607	0.0181	0.0181	1.28E-02	3.57E-03	4.25E-08	1.03E-04	9.12E-05	3.71E-04	1.69E-02	6.21E-03	3.57E-03	4.25E-08	5.01E-05	4.44E-05	1.81E-04	1.01E-02
2595	493380.5, 3860443.11	0.0093	0.0178	0.0063	0.0158	0.0044	0.0595	0.0177	0.0178	1.26E-02	3.50E-03	4.24E-08	1.02E-04	9.04E-05	3.64E-04	1.67E-02	6.14E-03	3.50E-03	4.24E-08	4.95E-05	4.40E-05	1.77E-04	9.92E-03
2596	493180.5, 3860493.11	0.0092	0.0211	0.006	0.0158	0.0044	0.0512	0.0211	0.0211	1.25E-02	4.16E-03	4.07E-08	1.01E-04	9.01E-05	3.13E-04	1.72E-02	6.10E-03	4.16E-03	4.07E-08	4.93E-05	4.39E-05	1.52E-04	1.05E-02
2597	493230.5, 3860493.11	0.0091	0.0204	0.0061	0.0156	0.0044	0.0499	0.0204	0.0204	1.24E-02	4.01E-03	4.07E-08	1.00E-04	9.01E-05	3.05E-04	1.69E-02	6.04E-03	4.01E-03	4.07E-08	4.89E-05	4.39E-05	1.48E-04	1.03E-02
2598	493280.5, 3860493.11	0.0091	0.0197	0.0061	0.0155	0.0044	0.0487	0.0196	0.0197	1.23E-02	3.87E-03	4.08E-08	9.94E-05	8.99E-05	2.98E-04	1.67E-02	6.00E-03	3.87E-03	4.08E-08	4.84E-05	4.38E-05	1.45E-04	1.01E-02
2599	493330.5, 3860493.11	0.009	0.0191	0.0061	0.0153	0.0044	0.0477	0.019	0.0191	1.22E-02	3.75E-03	4.08E-08	9.84E-05	8.95E-05	2.92E-04	1.65E-02	5.96E-03	3.75E-03	4.08E-08	4.79E-05	4.36E-05	1.42E-04	9.95E-03
2600	493380.5, 3860493.11	0.0089	0.0187	0.006	0.0151	0.0044	0.0469	0.0187	0.0187	1.21E-02	3.68E-03	4.06E-08	9.73E-05	8.89E-05	2.87E-04	1.63E-02	5.89E-03	3.68E-03	4.06E-08	4.74E-05	4.33E-05	1.40E-04	9.81E-03

2601	493330.5, 3860543.11	0.0086	0.0199	0.0057	0.0146	0.0043	0.0387	0.0199	0.0199	1.18E-02	3.93E-03	3.87E-08	9.38E-05	8.81E-05	2.37E-04	1.61E-02	5.73E-03	3.93E-03	3.87E-08	4.56E-05	4.29E-05	1.15E-04	9.86E-03
2602	493380.5, 3860543.11	0.0086	0.0195	0.0057	0.0145	0.0043	0.0383	0.0195	0.0195	1.16E-02	3.85E-03	3.85E-08	9.29E-05	8.75E-05	2.34E-04	1.59E-02	5.67E-03	3.85E-03	3.85E-08	4.52E-05	4.26E-05	1.14E-04	9.72E-03
2603	494135.94, 3860876.85	0.0061	0.0201	0.004	0.0101	0.0035	0.0149	0.0201	0.0201	8.26E-03	3.97E-03	2.72E-08	6.51E-05	7.18E-05	9.13E-05	1.25E-02	4.02E-03	3.97E-03	2.72E-08	3.17E-05	3.49E-05	4.44E-05	8.10E-03
2604	494185.94, 3860876.85	0.006	0.0198	0.004	0.0101	0.0035	0.0148	0.0198	0.0198	8.22E-03	3.90E-03	2.71E-08	6.47E-05	7.12E-05	9.06E-05	1.24E-02	4.00E-03	3.90E-03	2.71E-08	3.15E-05	3.46E-05	4.41E-05	8.02E-03
2605	494135.94, 3860926.85	0.0059	0.0215	0.0039	0.0098	0.0035	0.0137	0.0214	0.0215	7.98E-03	4.23E-03	2.61E-08	6.30E-05	7.10E-05	8.36E-05	1.24E-02	3.88E-03	4.23E-03	2.61E-08	3.07E-05	3.45E-05	4.07E-05	8.22E-03
2606	494185.94, 3860926.85	0.0058	0.0211	0.0039	0.0098	0.0035	0.0136	0.0211	0.0211	7.95E-03	4.16E-03	2.61E-08	6.27E-05	7.06E-05	8.32E-05	1.23E-02	3.87E-03	4.16E-03	2.61E-08	3.05E-05	3.43E-05	4.05E-05	8.13E-03
2607	494135.94, 3860976.85	0.0057	0.023	0.0037	0.0095	0.0034	0.0126	0.023	0.023	7.71E-03	4.54E-03	2.50E-08	6.10E-05	7.02E-05	7.71E-05	1.25E-02	3.75E-03	4.54E-03	2.50E-08	2.97E-05	3.42E-05	3.75E-05	8.39E-03
2608	494185.94, 3860976.85	0.0056	0.0226	0.0037	0.0095	0.0034	0.0126	0.0226	0.0226	7.68E-03	4.45E-03	2.50E-08	6.09E-05	6.98E-05	7.68E-05	1.23E-02	3.74E-03	4.45E-03	2.50E-08	2.96E-05	3.40E-05	3.74E-05	8.29E-03
2609	494135.94, 3861026.85	0.0055	0.0249	0.0036	0.0092	0.0034	0.0117	0.0249	0.0249	7.45E-03	4.91E-03	2.40E-08	5.92E-05	6.91E-05	7.13E-05	1.26E-02	3.62E-03	4.91E-03	2.40E-08	2.88E-05	3.37E-05	3.47E-05	8.63E-03
2610	494185.94, 3861026.85	0.0055	0.0244	0.0036	0.0092	0.0034	0.0116	0.0244	0.0244	7.42E-03	4.81E-03	2.40E-08	5.90E-05	6.89E-05	7.12E-05	1.24E-02	3.61E-03	4.81E-03	2.40E-08	2.87E-05	3.36E-05	3.46E-05	8.52E-03
2611	494135.94, 3861076.85	0.0053	0.0272	0.0034	0.0089	0.0033	0.0108	0.0272	0.0272	7.19E-03	5.36E-03	2.30E-08	5.74E-05	6.81E-05	6.63E-05	1.27E-02	3.50E-03	5.36E-03	2.30E-08	2.79E-05	3.32E-05	3.23E-05	8.95E-03
2612	494185.94, 3861076.85	0.0053	0.0266	0.0034	0.0089	0.0033	0.0108	0.0266	0.0266	7.16E-03	5.24E-03	2.30E-08	5.72E-05	6.79E-05	6.62E-05	1.26E-02	3.49E-03	5.24E-03	2.30E-08	2.78E-05	3.31E-05	3.22E-05	8.82E-03
2613	490360.04, 3858710.04	0.0302	0.0192	0.0192	0.069	0.0166	0.0382	0.0181	0.0192	4.10E-02	3.78E-03	1.29E-07	4.44E-04	3.39E-04	2.33E-04	4.58E-02	2.00E-02	3.78E-03	1.29E-07	2.16E-04	1.65E-04	1.14E-04	2.43E-02
2614	490410.04, 3858710.04	0.0297	0.0187	0.0197	0.0671	0.0167	0.0371	0.0176	0.0187	4.04E-02	3.67E-03	1.33E-07	4.31E-04	3.40E-04	2.27E-04	4.51E-02	1.97E-02	3.67E-03	1.33E-07	2.10E-04	1.65E-04	1.10E-04	2.38E-02
2615	490460.04, 3858710.04	0.0294	0.018	0.0198	0.0649	0.0167	0.0359	0.0171	0.018	4.00E-02	3.55E-03	1.33E-07	4.18E-04	3.41E-04	2.20E-04	4.45E-02	1.95E-02	3.55E-03	1.33E-07	2.03E-04	1.66E-04	1.07E-04	2.35E-02
2616	490510.04, 3858710.04	0.029	0.0175	0.0195	0.0631	0.0167	0.0349	0.0166	0.0175	3.94E-02	3.46E-03	1.32E-07	4.06E-04	3.41E-04	2.14E-04	4.38E-02	1.92E-02	3.46E-03	1.32E-07	1.98E-04	1.66E-04	1.04E-04	2.31E-02
2617	490560.04, 3858710.04	0.0286	0.0171	0.0193	0.0616	0.0167	0.0341	0.0162	0.0171	3.89E-02	3.37E-03	1.30E-07	3.96E-04	3.41E-04	2.08E-04	4.32E-02	1.89E-02	3.37E-03	1.30E-07	1.93E-04	1.66E-04	1.01E-04	2.28E-02
2618	490610.04, 3858710.04	0.0282	0.0167	0.0191	0.0601	0.0167	0.0332	0.0158	0.0167	3.84E-02	3.29E-03	1.29E-07	3.87E-04	3.41E-04	2.03E-04	4.26E-02	1.87E-02	3.29E-03	1.29E-07	1.88E-04	1.66E-04	9.90E-05	2.24E-02
2619	490660.04, 3858710.04	0.0278	0.0164	0.0192	0.0591	0.0167	0.0326	0.0155	0.0164	3.78E-02	3.22E-03	1.29E-07	3.80E-04	3.40E-04	1.99E-04	4.19E-02	1.84E-02	3.22E-03	1.29E-07	1.85E-04	1.66E-04	9.71E-05	2.21E-02
2620	490710.04, 3858710.04	0.0274	0.0159	0.0192	0.0576	0.0167	0.0317	0.0151	0.0159	3.74E-02	3.13E-03	1.29E-07	3.70E-04	3.41E-04	1.94E-04	4.14E-02	1.82E-02	3.13E-03	1.29E-07	1.80E-04	1.66E-04	9.44E-05	2.18E-02
2621	490760.04, 3858710.04	0.0271	0.0155	0.0193	0.0561	0.0168	0.0309	0.0147	0.0155	3.69E-02	3.05E-03	1.30E-07	3.61E-04	3.42E-04	1.89E-04	4.09E-02	1.80E-02	3.05E-03	1.30E-07	1.76E-04	1.66E-04	9.21E-05	2.15E-02
2622	490810.04, 3858710.04	0.0268	0.0151	0.0193	0.0545	0.0168	0.0302	0.0143	0.0151	3.65E-02	2.98E-03	1.30E-07	3.51E-04	3.42E-04	1.85E-04	4.03E-02	1.78E-02	2.98E-03	1.30E-07	1.71E-04	1.67E-04	8.99E-05	2.12E-02
2623	490860.04, 3858710.04	0.0265	0.0147	0.0193	0.0527	0.0168	0.0294	0.0139	0.0147	3.61E-02	2.89E-03	1.30E-07	3.39E-04	3.43E-04	1.80E-04	3.99E-02	1.76E-02	2.89E-03	1.30E-07	1.65E-04	1.67E-04	8.74E-05	2.09E-02
2624	490360.04, 3858760.04	0.0304	0.02	0.0211	0.0671	0.0157	0.0391	0.0189	0.02	4.13E-02	3.94E-03	1.42E-07	4.31E-04	3.21E-04	2.39E-04	4.63E-02	2.01E-02	3.94E-03	1.42E-07	2.10E-04	1.56E-04	1.16E-04	2.45E-02
2625	490410.04, 3858760.04	0.0299	0.0194	0.0213	0.0649	0.0158	0.0379	0.0183	0.0194	4.07E-02	3.82E-03	1.43E-07	4.18E-04	3.21E-04	2.32E-04	4.55E-02	1.98E-02	3.82E-03	1.43E-07	2.03E-04	1.56E-04	1.13E-04	2.41E-02
2626	490460.04, 3858760.04	0.0295	0.0188	0.0211	0.0628	0.0158	0.0367	0.0177	0.0188	4.02E-02	3.70E-03	1.42E-07	4.04E-04	3.22E-04	2.25E-04	4.48E-02	1.96E-02	3.70E-03	1.42E-07	1.97E-04	1.57E-04	1.09E-04	2.37E-02
2627	490510.04, 3858760.04	0.0292	0.0182	0.0208	0.0608	0.0158	0.0356	0.0172	0.0182	3.97E-02	3.58E-03	1.40E-07	3.91E-04	3.22E-04	2.18E-04	4.42E-02	1.93E-02	3.58E-03	1.40E-07	1.90E-04	1.57E-04	1.06E-04	2.33E-02
2628	490560.04, 3858760.04	0.0288	0.0176	0.0207	0.0591	0.0158	0.0346	0.0167	0.0176	3.91E-02	3.48E-03	1.39E-07	3.80E-04	3.22E-04	2.12E-04	4.35E-02	1.91E-02	3.48E-03	1.39E-07	1.85E-04	1.57E-04	1.03E-04	2.30E-02
2629	490610.04, 3858760.04	0.0284	0.0171	0.0207	0.0575	0.0158	0.0336	0.0162	0.0171	3.86E-02	3.37E-03	1.39E-07	3.70E-04	3.22E-04	2.06E-04	4.29E-02	1.88E-02	3.37E-03	1.39E-07	1.80E-04	1.57E-04	1.00E-04	2.26E-02
2630	490660.04, 3858760.04	0.028	0.0167	0.0208	0.0561	0.0158	0.0328	0.0158	0.0167	3.81E-02	3.28E-03	1.40E-07	3.61E-04	3.21E-04	2.00E-04	4.23E-02	1.86E-02	3.28E-03	1.40E-07	1.76E-04	1.56E-04	9.76E-05	2.23E-02
2631	490710.04, 3858760.04	0.0277	0.0162	0.021	0.0547	0.0158	0.0319	0.0154	0.0162	3.77E-02	3.20E-03	1.41E-07	3.52E-04	3.21E-04	1.95E-04	4.17E-02	1.83E-02	3.20E-03	1.41E-07	1.71E-04	1.56E-04	9.51E-05	2.20E-02
2632	490760.04, 3858760.04	0.0274	0.0158	0.021	0.053	0.0158	0.031	0.0149	0.0158	3.72E-02	3.10E-03	1.42E-07	3.41E-04	3.21E-04	1.90E-04	4.12E-02	1.81E-02	3.10E-03	1.42E-07	1.66E-04	1.56E-04	9.24E-05	2.16E-02
2633	490810.04, 3858760.04	0.027	0.0153	0.021	0.0513	0.0158	0.0302	0.0145	0.0153	3.68E-02	3.02E-03	1.41E-07	3.30E-04	3.21E-04	1.85E-04	4.07E-02	1.79E-02	3.02E-03	1.41E-07	1.61E-04	1.56E-04	9.00E-05	2.13E-02
2634	490860.04, 3858760.04	0.0267	0.015	0.0209	0.0497	0.0158	0.0295	0.0142	0.015	3.64E-02	2.95E-03	1.41E-07	3.20E-04	3.22E-04	1.80E-04	4.02E-02	1.77E-02	2.95E-03	1.41E-07	1.56E-04	1.57E-04	8.79E-05	2.11E-02
2635	490360.04, 3858810.04	0.0306	0.0208	0.0231	0.066	0.015	0.04	0.0197	0.0208	4.17E-02	4.10E-03	1.56E-07	4.24E-04	3.05E-04	2.44E-04	4.68E-02	2.03E-02	4.10E-03	1.56E-07	2.07E-04	1.49E-04	1.19E-04	2.49E-02
2636	490410.04, 3858810.04	0.0302	0.0201	0.023	0.0637	0.015	0.0387	0.019	0.0201	4.11E-02	3.96E-03	1.55E-07	4.10E-04	3.06E-04	2.37E-04	4.60E-02	2.00E-02	3.96E-03	1.55E-07	1.99E-04	1.49E-04	1.15E-04	2.44E-02
2637	490460.04, 3858810.04	0.0298	0.0194	0.0228	0.0615	0.015	0.0374	0.0184	0.0194	4.05E-02	3.83E-03	1.53E-07	3.95E-04	3.06E-04	2.29E-04	4.53E-02	1.97E-02	3.83E-03	1.53E-07	1.92E-04	1.49E-04	1.11E-04	2.40E-02
2638	490510.04, 3858810.04	0.0293	0.0189	0.0228	0.0597	0.015	0.0364	0.0179	0.0189	3.99E-02	3.72E-03	1.53E-07	3.84E-04	3.05E-04	2.22E-04	4.46E-02	1.94E-02	3.72E-03	1.53E-07	1.87E-04	1.49E-04	1.08E-04	2.36E-02
2639	490560.04, 3858810.04	0.0289	0.0183	0.0229	0.058	0.015	0.0353	0.0173	0.0183	3.94E-02	3.61E-03	1.54E-07	3.73E-04	3.05E-04	2.16E-04	4.39E-02	1.92E-02	3.61E-03	1.54E-07	1.81E-04	1.48E-04	1.05E-04	2.32E-02
2640	490610.04, 3858810.04	0.0286	0.0177	0.023	0.0561	0.0149	0.0342	0.0167	0.0177	3.89E-02	3.48E-03	1.55E-07	3.61E-04	3.05E-04	2.09E-04	4.33E-02	1.89E-02	3.48E-03	1.55E-07	1.76E-04	1.48E-04	1.02E-04	2.29E-02
2641	490660.04, 3858810.04	0.0282	0.0172	0.0232	0.0545	0.0149	0.0332	0.0163	0.0172	3.84E-02	3.38E-03	1.56E-07	3.50E-04	3.04E-04	2.03E-04	4.26E-02	1.87E-02	3.38E-03	1.56E-07	1.71E-04	1.48E-04	9.89E-05	2.25E-02
2642	490710.04, 3858810.04	0.0279	0.0166	0.0232	0.0527	0.0149	0.0322	0.0158	0.0166	3.80E-02	3.28E-03	1.56E-07	3.39E-04	3.04E-04	1.97E-04	4.21E-02	1.85E-02	3.28E-03	1.56E-07	1.65E-04	1.48E-04	9.60E-05	2.22E-02
2643	490760.04, 3858810.04	0.0276	0.016	0.0231	0.0507	0.0149	0.0311	0.0152	0.016	3.76E-02	3.16E-03	1.55E-07	3.26E-04	3.04E-04	1.91E-04	4.16E-02	1.83E-02	3.16E-03	1.55E-07	1.59E-04	1.48E-04	9.27E-05	2.18E-02
2644	490810.04, 3858810.04	0.0272	0.0157	0.023	0.0493	0.0149	0.0305	0.0149	0.0157	3.71E-02	3.09E-03	1.55E-07	3.17E-04	3.03E-04	1.87E-04	4.10E-02	1.80E-02	3.09E-03	1.55E-07	1.54E-04	1.48E-04	9.08E-05	2.15E-02
2645	490860.04, 3858810.04	0.0269	0.0152	0.0228	0.0475	0.0149	0.0296	0.0145	0.0152	3.67E-02	3.00E-03	1.53E-07	3.06E-04	3.03E-04	1.81E-04	4.05E-02	1.78E-02	3.00E-03	1.53E-07	1.49E-04	1.47E-04	8.82E-05	2.12E-02
2646	490360.04, 3858860.04	0.031	0.0216	0.0255	0.0655	0.0143	0.0407	0.0204	0.0216	4.22E-02	4.25E-03	1.72E-07	4.21E-04	2.91E-04	2.49E-04	4.74E-02	2.05E-02	4.25E-03	1.72E-07	2.05E-04	1.42E-04	1.21E-04	2.53E-02
2647	490410.04, 3858860.04	0.0305	0.021	0.0255	0.0634	0.0143	0.0396	0.0199	0.021	4.15E-02	4.13E-03	1.72E-07	4.08E-04	2.91E-04	2.42E-04	4.66E-02	2.02E-02	4.13E-03	1.72E-07	1.99E-04	1.42E-04	1.18E-04	2.48E-02
2648	490460.04, 3858860.04	0.0301	0.0202	0.0255	0.061	0.0143	0.0382	0.0191	0.0202	4.09E-02	3.98E-03	1.71E-07	3.92E-04	2.91E-04	2.34E-04	4.58E-02	1.99E-02	3.98E-03	1.71E-07	1.91E-04	1.42E-04	1.14E-04	2.43E-02
2649	490510.04, 3858860.04	0.0295	0.0197	0.0258	0.0593	0.0142	0.0372	0.0186	0.0197	4.02E-02	3.87E-03	1.74E-07	3.82E-04	2.90E-04	2.28E-04	4.50E-02	1.96E-02	3.87E-03	1.74E-07	1.86E-04	1.41E-04	1.11E-04	2.39E-02
2650	490560.04, 3858860.04	0.0292	0.019	0.026	0.0574	0.0142	0.036	0.018	0.019	3.97E-02	3.74E-03	1.75E-07	3.69E-04	2.90E-04	2.20E-04	4.43E-02	1.93E-02	3.74E-03	1.75E-07	1.80E-04	1.41E-04	1.07E-04	2.35E-02
2651	490610.04, 3858860.04	0.0288	0.0182	0.026	0.0551	0.0142	0.0346	0.0173	0.0182	3.93E-02	3.59E-03	1.75E-07	3.55E-04	2.90E-04	2.12E-04	4.37E-02	1.91E-02	3.59E-03	1.75E-07	1.73E-04	1.41E-04	1.03E-04	2.31E-02
2652	490660.04, 3858860.04	0.0285	0.0177	0.0261	0.0534	0.0142	0.0336	0.0168	0.0177	3.87E-02	3.48E-03	1.76E-07	3.43E-04	2.90E-04	2.06E-04	4.31E-02	1.89E-02	3.48E-03	1.76E-07	1.67E-04	1.41E-04	1.00E-04	2.27E-02
2653	490710.04, 3858860.04	0.028	0.0172	0.026	0.0518	0.0142	0.0328	0.0163	0.0172	3.82E-02	3.39E-03	1.75E-07	3.33E-04	2.89E-04	2.01E-04	4.24E-02	1.86E-02	3.39E-03	1.75E-07	1.62E-04	1.40E-04	9.76E-05	2.24E-02
2654	490760.04, 3858860.04	0.0278	0.0166	0.0257	0.0497	0.0141	0.0317	0.0157	0.0166	3.78E-02	3.26E-03	1.73E-07	3.20E-04	2.88E-04	1.94E-04	4.18E-02	1.84E-02	3.26E-03	1.73E-07	1.56E-04	1.40E-04	9.43E-05	2.20E-02
2655	490810.04, 3858860.04	0.0275	0.016	0.0254	0.0477	0.0141	0.0307	0.0152	0.016	3.74E-02	3.15E-03	1.71E-07	3.07E-04	2.87E-04	1.88E-04	4.13E-02	1.82E-02	3.15E-03	1.71E-07	1.49E-04	1.40E-04	9.13E-05	2.17E-02
2656	490860.04, 3858860.04	0.0272	0.0155	0.025	0.0457	0.0141	0.0297	0.0147	0.0155	3.70E-02	3.05E-03	1.68E-07	2.94E-04	2.87E-04	1.82E-04	4.08E-02	1.80E-02	3.05E-03	1.68E-07	1.43E-04	1.39E-04	8.84E-05	2.14E-02
2657	490360.04, 3858910.04	0.0313	0.0228	0.0292	0.0665	0.0135	0.0422	0.0216	0.0228	4.26E-02	4.48E-03	1.96E-07	4.27E-04	2.76E-04	2.58E-04	4.80E-02	2.07E-02	4.48E-03	1.96E-07	2.08E-04	1.34E-04	1.26E-04	2.57E-02
2658	490410.04, 3858910.04	0.0308	0.022	0.0294	0.0639	0.0136	0.0408	0.0208	0.022	4.19E-02	4.33E-03	1.98E-07	4.11E-04	2.77E-04	2.49E-04	4.71E-02	2.04E-02	4.33E-03	1.98E-07	2.00E-04	1.35E-04	1.21E-04	2.52E-02
2659	490460.04, 3858910.04	0.0303	0.0212	0.0297	0.0615	0.0136	0.0393	0.0201	0.0212	4.12E-02	4.17E-03	2.00E-07	3.96E-04	2.77E-04	2.41E-04	4.63E-02	2.01E-02	4.17E-03	2.00E-07	1.93E-04	1.35E-04	1.17E-04	2.47E-02
2660	490510.04, 3858910.04	0.0298	0.0204	0.0299	0.0592	0.0136	0.0379	0.0194	0.0204	4.06E-02	4.02E-03	2.02E-07	3.81E-04	2.78E-04	2.32E-04	4.55E-02	1.98E-02	4.02E-03	2.02E-07	1.85E-04	1.35E-04	1.13E-04	2.42E-02
2661	490560.04, 3858910.04	0.0295	0.0196	0.03	0.057	0.0136	0.0366	0.0186	0.0196	4.01E-02	3.86E-03	2.02E-07	3.67E-04	2.78E-04	2.24E-04	4.48E-02	1.95E-02	3.86E-03	2.02E-07	1.78E-04	1.35E-04	1.09E-04	2.38E-02
2662	490610.04, 3858910.04	0.0291	0.0189	0.0298	0.0548	0.0136	0.0352	0.0179	0.0189	3.96E-02	3.71E-03	2.01E-07	3.52E-04	2.77E-04	2.16E-04	4.42E-02	1.93E-02	3.71E-03	2.01E-07	1.72E-04	1.35E-04	1.05E-04	2.34E-02

2663	490660.04, 3858910.04	0.0287	0.0182	0.0296	0.0529	0.0136	0.0341	0.0173	0.0182	3.90E-02	3.59E-03	1.99E-07	3.40E-04	2.77E-04	2.09E-04	4.35E-02	1.90E-02	3.59E-03	1.99E-07	1.65E-04	1.35E-04	1.02E-04	2.30E-02
2664	490710.04, 3858910.04	0.0283	0.0176	0.0292	0.0507	0.0135	0.033	0.0167	0.0176	3.86E-02	3.46E-03	1.97E-07	3.26E-04	2.76E-04	2.02E-04	4.28E-02	1.88E-02	3.46E-03	1.97E-07	1.59E-04	1.34E-04	9.83E-05	2.26E-02
2665	490760.04, 3858910.04	0.028	0.0169	0.0287	0.0484	0.0135	0.0318	0.0161	0.0169	3.82E-02	3.33E-03	1.94E-07	3.11E-04	2.75E-04	1.95E-04	4.23E-02	1.86E-02	3.33E-03	1.94E-07	1.52E-04	1.34E-04	9.47E-05	2.23E-02
2666	490810.04, 3858910.04	0.0277	0.0164	0.0285	0.0466	0.0134	0.0309	0.0156	0.0164	3.77E-02	3.22E-03	1.92E-07	3.00E-04	2.74E-04	1.89E-04	4.17E-02	1.84E-02	3.22E-03	1.92E-07	1.46E-04	1.33E-04	9.19E-05	2.20E-02
2667	490860.04, 3858910.04	0.0274	0.0157	0.0281	0.0445	0.0133	0.0298	0.015	0.0157	3.74E-02	3.10E-03	1.89E-07	2.86E-04	2.72E-04	1.82E-04	4.12E-02	1.82E-02	3.10E-03	1.89E-07	1.39E-04	1.32E-04	8.87E-05	2.16E-02
2668	490360.04, 3858960.04	0.0317	0.0239	0.0347	0.0676	0.0129	0.0434	0.0227	0.0239	4.31E-02	4.70E-03	2.33E-07	4.35E-04	2.63E-04	2.66E-04	4.88E-02	2.10E-02	4.70E-03	2.33E-07	2.12E-04	1.28E-04	1.29E-04	2.62E-02
2669	490410.04, 3858960.04	0.0312	0.0229	0.035	0.0647	0.013	0.0418	0.0218	0.0229	4.24E-02	4.51E-03	2.36E-07	4.16E-04	2.64E-04	2.55E-04	4.79E-02	2.06E-02	4.51E-03	2.36E-07	2.02E-04	1.29E-04	1.24E-04	2.56E-02
2670	490460.04, 3858960.04	0.0307	0.022	0.0353	0.0618	0.013	0.0401	0.0209	0.022	4.18E-02	4.33E-03	2.37E-07	3.98E-04	2.65E-04	2.45E-04	4.70E-02	2.03E-02	4.33E-03	2.37E-07	1.94E-04	1.29E-04	1.19E-04	2.51E-02
2671	490510.04, 3858960.04	0.0302	0.0211	0.0352	0.0594	0.013	0.0386	0.0201	0.0211	4.11E-02	4.16E-03	2.37E-07	3.82E-04	2.66E-04	2.36E-04	4.62E-02	2.00E-02	4.16E-03	2.37E-07	1.86E-04	1.29E-04	1.15E-04	2.46E-02
2672	490560.04, 3858960.04	0.0298	0.0203	0.035	0.0571	0.013	0.0372	0.0193	0.0203	4.05E-02	4.00E-03	2.36E-07	3.67E-04	2.66E-04	2.28E-04	4.54E-02	1.97E-02	4.00E-03	2.36E-07	1.79E-04	1.29E-04	1.11E-04	2.41E-02
2673	490610.04, 3858960.04	0.0294	0.0194	0.0344	0.0545	0.013	0.0357	0.0185	0.0194	4.00E-02	3.83E-03	2.32E-07	3.50E-04	2.66E-04	2.18E-04	4.47E-02	1.95E-02	3.83E-03	2.32E-07	1.71E-04	1.29E-04	1.06E-04	2.37E-02
2674	490660.04, 3858960.04	0.0289	0.0189	0.0341	0.0527	0.013	0.0347	0.018	0.0189	3.94E-02	3.72E-03	2.30E-07	3.39E-04	2.65E-04	2.13E-04	4.39E-02	1.92E-02	3.72E-03	2.30E-07	1.65E-04	1.29E-04	1.03E-04	2.33E-02
2675	490710.04, 3858960.04	0.0286	0.0181	0.0336	0.0502	0.013	0.0334	0.0172	0.0181	3.90E-02	3.56E-03	2.26E-07	3.23E-04	2.64E-04	2.04E-04	4.33E-02	1.90E-02	3.56E-03	2.26E-07	1.57E-04	1.29E-04	9.94E-05	2.29E-02
2676	490760.04, 3858960.04	0.0283	0.0174	0.0331	0.048	0.0129	0.0322	0.0166	0.0174	3.85E-02	3.42E-03	2.23E-07	3.08E-04	2.63E-04	1.97E-04	4.27E-02	1.87E-02	3.42E-03	2.23E-07	1.50E-04	1.28E-04	9.59E-05	2.25E-02
2677	490810.04, 3858960.04	0.028	0.0167	0.0327	0.0458	0.0128	0.0311	0.016	0.0167	3.81E-02	3.30E-03	2.20E-07	2.95E-04	2.62E-04	1.90E-04	4.21E-02	1.85E-02	3.30E-03	2.20E-07	1.44E-04	1.27E-04	9.25E-05	2.22E-02
2678	490860.04, 3858960.04	0.0277	0.0161	0.0321	0.0437	0.0127	0.0299	0.0153	0.0161	3.78E-02	3.16E-03	2.16E-07	2.81E-04	2.60E-04	1.83E-04	4.16E-02	1.84E-02	3.16E-03	2.16E-07	1.37E-04	1.26E-04	8.90E-05	2.19E-02
2679	490360.04, 3859010.04	0.0322	0.0251	0.0428	0.0693	0.0123	0.0449	0.024	0.0251	4.38E-02	4.95E-03	2.88E-07	4.46E-04	2.50E-04	2.75E-04	4.97E-02	2.13E-02	4.95E-03	2.88E-07	2.17E-04	1.22E-04	1.34E-04	2.67E-02
2680	490410.04, 3859010.04	0.0316	0.024	0.0429	0.0659	0.0123	0.0429	0.0229	0.024	4.30E-02	4.72E-03	2.89E-07	4.24E-04	2.52E-04	2.63E-04	4.87E-02	2.09E-02	4.72E-03	2.89E-07	2.06E-04	1.23E-04	1.28E-04	2.61E-02
2681	490460.04, 3859010.04	0.0311	0.0228	0.0425	0.0625	0.0124	0.0409	0.0218	0.0228	4.24E-02	4.49E-03	2.86E-07	4.02E-04	2.53E-04	2.50E-04	4.78E-02	2.06E-02	4.49E-03	2.86E-07	1.96E-04	1.23E-04	1.22E-04	2.56E-02
2682	490510.04, 3859010.04	0.0307	0.0217	0.0418	0.0594	0.0125	0.039	0.0207	0.0217	4.18E-02	4.27E-03	2.81E-07	3.82E-04	2.54E-04	2.39E-04	4.69E-02	2.03E-02	4.27E-03	2.81E-07	1.86E-04	1.24E-04	1.16E-04	2.50E-02
2683	490560.04, 3859010.04	0.0302	0.021	0.0413	0.0572	0.0125	0.0378	0.02	0.021	4.11E-02	4.13E-03	2.78E-07	3.68E-04	2.54E-04	2.31E-04	4.61E-02	2.00E-02	4.13E-03	2.78E-07	1.79E-04	1.24E-04	1.13E-04	2.45E-02
2684	490610.04, 3859010.04	0.0298	0.02	0.0406	0.0544	0.0125	0.0362	0.0191	0.02	4.05E-02	3.95E-03	2.73E-07	3.50E-04	2.55E-04	2.21E-04	4.53E-02	1.97E-02	3.95E-03	2.73E-07	1.70E-04	1.24E-04	1.08E-04	2.41E-02
2685	490660.04, 3859010.04	0.0293	0.0195	0.0403	0.0526	0.0125	0.0352	0.0186	0.0195	3.99E-02	3.83E-03	2.71E-07	3.38E-04	2.54E-04	2.15E-04	4.45E-02	1.94E-02	3.83E-03	2.71E-07	1.65E-04	1.24E-04	1.05E-04	2.36E-02
2686	490710.04, 3859010.04	0.029	0.0186	0.0395	0.0499	0.0124	0.0337	0.0178	0.0186	3.94E-02	3.66E-03	2.66E-07	3.21E-04	2.54E-04	2.06E-04	4.39E-02	1.92E-02	3.66E-03	2.66E-07	1.56E-04	1.23E-04	1.00E-04	2.32E-02
2687	490760.04, 3859010.04	0.0286	0.0178	0.0387	0.0475	0.0124	0.0325	0.017	0.0178	3.90E-02	3.51E-03	2.61E-07	3.06E-04	2.52E-04	1.99E-04	4.32E-02	1.90E-02	3.51E-03	2.61E-07	1.49E-04	1.23E-04	9.66E-05	2.28E-02
2688	490810.04, 3859010.04	0.0283	0.0171	0.0377	0.0453	0.0123	0.0312	0.0164	0.0171	3.85E-02	3.36E-03	2.54E-07	2.91E-04	2.51E-04	1.91E-04	4.26E-02	1.88E-02	3.36E-03	2.54E-07	1.42E-04	1.22E-04	9.30E-05	2.25E-02
2689	490860.04, 3859010.04	0.028	0.0165	0.0367	0.0433	0.0122	0.0302	0.0158	0.0165	3.81E-02	3.24E-03	2.47E-07	2.79E-04	2.49E-04	1.85E-04	4.21E-02	1.86E-02	3.24E-03	2.47E-07	1.36E-04	1.21E-04	8.98E-05	2.21E-02
2690	490360.04, 3859060.04	0.0327	0.0264	0.054	0.0714	0.0116	0.0464	0.0253	0.0264	4.45E-02	5.21E-03	3.63E-07	4.59E-04	2.37E-04	2.84E-04	5.07E-02	2.17E-02	5.21E-03	3.63E-07	2.24E-04	1.16E-04	1.38E-04	2.74E-02
2691	490410.04, 3859060.04	0.0322	0.0249	0.0529	0.0671	0.0118	0.0438	0.0239	0.0249	4.38E-02	4.91E-03	3.56E-07	4.31E-04	2.40E-04	2.68E-04	4.97E-02	2.13E-02	4.91E-03	3.56E-07	2.10E-04	1.17E-04	1.31E-04	2.67E-02
2692	490460.04, 3859060.04	0.0317	0.0237	0.0519	0.0635	0.0118	0.0418	0.0227	0.0237	4.31E-02	4.67E-03	3.50E-07	4.08E-04	2.41E-04	2.56E-04	4.87E-02	2.10E-02	4.67E-03	3.50E-07	1.99E-04	1.18E-04	1.24E-04	2.61E-02
2693	490510.04, 3859060.04	0.0311	0.0227	0.051	0.0604	0.0119	0.04	0.0217	0.0227	4.24E-02	4.46E-03	3.43E-07	3.89E-04	2.43E-04	2.45E-04	4.77E-02	2.06E-02	4.46E-03	3.43E-07	1.89E-04	1.18E-04	1.19E-04	2.55E-02
2694	490560.04, 3859060.04	0.0307	0.0215	0.0499	0.0572	0.0119	0.0382	0.0206	0.0215	4.18E-02	4.24E-03	3.36E-07	3.68E-04	2.44E-04	2.33E-04	4.69E-02	2.03E-02	4.24E-03	3.36E-07	1.79E-04	1.19E-04	1.14E-04	2.50E-02
2695	490610.04, 3859060.04	0.0302	0.0207	0.0491	0.0548	0.012	0.0368	0.0199	0.0207	4.11E-02	4.08E-03	3.30E-07	3.52E-04	2.44E-04	2.25E-04	4.60E-02	2.00E-02	4.08E-03	3.30E-07	1.71E-04	1.19E-04	1.10E-04	2.45E-02
2696	490660.04, 3859060.04	0.0297	0.02	0.0482	0.0525	0.012	0.0356	0.0192	0.02	4.04E-02	3.94E-03	3.24E-07	3.38E-04	2.44E-04	2.18E-04	4.52E-02	1.97E-02	3.94E-03	3.24E-07	1.64E-04	1.19E-04	1.06E-04	2.40E-02
2697	490710.04, 3859060.04	0.0294	0.0191	0.0465	0.0497	0.0119	0.034	0.0183	0.0191	4.00E-02	3.75E-03	3.13E-07	3.20E-04	2.43E-04	2.08E-04	4.45E-02	1.94E-02	3.75E-03	3.13E-07	1.56E-04	1.18E-04	1.01E-04	2.36E-02
2698	490760.04, 3859060.04	0.029	0.0182	0.0448	0.0472	0.0119	0.0327	0.0175	0.0182	3.95E-02	3.59E-03	3.02E-07	3.04E-04	2.42E-04	2.00E-04	4.38E-02	1.92E-02	3.59E-03	3.02E-07	1.48E-04	1.18E-04	9.74E-05	2.32E-02
2699	490810.04, 3859060.04	0.0287	0.0175	0.0429	0.0449	0.0118	0.0314	0.0168	0.0175	3.91E-02	3.44E-03	2.89E-07	2.89E-04	2.40E-04	1.92E-04	4.32E-02	1.90E-02	3.44E-03	2.89E-07	1.41E-04	1.17E-04	9.35E-05	2.28E-02
2700	490860.04, 3859060.04	0.0284	0.0168	0.0411	0.0429	0.0116	0.0303	0.0161	0.0168	3.86E-02	3.31E-03	2.77E-07	2.76E-04	2.37E-04	1.85E-04	4.26E-02	1.88E-02	3.31E-03	2.77E-07	1.34E-04	1.16E-04	9.02E-05	2.24E-02
2701	490360.04, 3859110.04	0.0333	0.0282	0.0695	0.0748	0.011	0.0485	0.0271	0.0282	4.53E-02	5.55E-03	4.68E-07	4.81E-04	2.25E-04	2.97E-04	5.18E-02	2.20E-02	5.55E-03	4.68E-07	2.34E-04	1.09E-04	1.45E-04	2.81E-02
2702	490410.04, 3859110.04	0.0327	0.0265	0.0674	0.0698	0.0112	0.0457	0.0254	0.0265	4.45E-02	5.21E-03	4.54E-07	4.49E-04	2.27E-04	2.79E-04	5.07E-02	2.17E-02	5.21E-03	4.54E-07	2.19E-04	1.11E-04	1.36E-04	2.74E-02
2703	490460.04, 3859110.04	0.0321	0.0252	0.0659	0.0661	0.0112	0.0436	0.0242	0.0252	4.37E-02	4.96E-03	4.44E-07	4.25E-04	2.29E-04	2.66E-04	4.96E-02	2.13E-02	4.96E-03	4.44E-07	2.07E-04	1.12E-04	1.30E-04	2.67E-02
2704	490510.04, 3859110.04	0.0317	0.0235	0.0634	0.0615	0.0113	0.0409	0.0226	0.0235	4.31E-02	4.64E-03	4.27E-07	3.95E-04	2.31E-04	2.50E-04	4.87E-02	2.10E-02	4.64E-03	4.27E-07	1.92E-04	1.13E-04	1.22E-04	2.61E-02
2705	490560.04, 3859110.04	0.0312	0.0224	0.0613	0.0582	0.0114	0.039	0.0215	0.0224	4.24E-02	4.42E-03	4.13E-07	3.74E-04	2.33E-04	2.39E-04	4.77E-02	2.07E-02	4.42E-03	4.13E-07	1.82E-04	1.13E-04	1.16E-04	2.55E-02
2706	490610.04, 3859110.04	0.0307	0.0213	0.0589	0.055	0.0114	0.0373	0.0205	0.0213	4.18E-02	4.20E-03	3.96E-07	3.54E-04	2.33E-04	2.28E-04	4.68E-02	2.04E-02	4.20E-03	3.96E-07	1.72E-04	1.13E-04	1.11E-04	2.49E-02
2707	490660.04, 3859110.04	0.0303	0.0202	0.0559	0.0518	0.0114	0.0355	0.0195	0.0202	4.13E-02	3.99E-03	3.77E-07	3.33E-04	2.33E-04	2.17E-04	4.61E-02	2.01E-02	3.99E-03	3.77E-07	1.62E-04	1.13E-04	1.06E-04	2.45E-02
2708	490710.04, 3859110.04	0.0299	0.0195	0.0536	0.0496	0.0114	0.0343	0.0187	0.0195	4.07E-02	3.84E-03	3.61E-07	3.19E-04	2.33E-04	2.10E-04	4.53E-02	1.98E-02	3.84E-03	3.61E-07	1.55E-04	1.13E-04	1.02E-04	2.40E-02
2709	490760.04, 3859110.04	0.0295	0.0187	0.0508	0.0472	0.0114	0.0329	0.018	0.0187	4.01E-02	3.68E-03	3.42E-07	3.03E-04	2.32E-04	2.01E-04	4.45E-02	1.95E-02	3.68E-03	3.42E-07	1.48E-04	1.13E-04	9.81E-05	2.36E-02
2710	490810.04, 3859110.04	0.0291	0.0178	0.0479	0.0448	0.0113	0.0316	0.0172	0.0178	3.97E-02	3.51E-03	3.22E-07	2.88E-04	2.31E-04	1.93E-04	4.39E-02	1.93E-02	3.51E-03	3.22E-07	1.40E-04	1.12E-04	9.40E-05	2.32E-02
2711	490860.04, 3859110.04	0.0288	0.0171	0.045	0.0426	0.0112	0.0303	0.0164	0.0171	3.93E-02	3.36E-03	3.03E-07	2.74E-04	2.29E-04	1.85E-04	4.33E-02	1.91E-02	3.36E-03	3.03E-07	1.33E-04	1.11E-04	9.02E-05	2.28E-02
2712	490360.04, 3859160.04	0.0339	0.0303	0.0919	0.0796	0.0104	0.0513	0.0292	0.0303	4.62E-02	5.97E-03	6.19E-07	5.12E-04	2.12E-04	3.14E-04	5.32E-02	2.25E-02	5.97E-03	6.19E-07	2.49E-04	1.03E-04	1.53E-04	2.89E-02
2713	490410.04, 3859160.04	0.0333	0.0284	0.0881	0.074	0.0106	0.0481	0.0274	0.0284	4.53E-02	5.59E-03	5.93E-07	4.76E-04	2.15E-04	2.95E-04	5.19E-02	2.21E-02	5.59E-03	5.93E-07	2.32E-04	1.05E-04	1.43E-04	2.81E-02
2714	490460.04, 3859160.04	0.0327	0.0267	0.0842	0.0692	0.0107	0.0454	0.0258	0.0267	4.45E-02	5.27E-03	5.67E-07	4.45E-04	2.17E-04	2.78E-04	5.07E-02	2.17E-02	5.27E-03	5.67E-07	2.17E-04	1.06E-04	1.35E-04	2.74E-02
2715	490510.04, 3859160.04	0.0321	0.0252	0.0799	0.0648	0.0108	0.043	0.0243	0.0252	4.37E-02	4.96E-03	5.38E-07	4.16E-04	2.19E-04	2.63E-04	4.96E-02	2.13E-02	4.96E-03	5.38E-07	2.03E-04	1.07E-04	1.28E-04	2.67E-02
2716	490560.04, 3859160.04	0.0317	0.0236	0.0748	0.0603	0.0108	0.0404	0.0228	0.0236	4.31E-02	4.66E-03	5.04E-07	3.88E-04	2.21E-04	2.47E-04	4.86E-02	2.10E-02	4.66E-03	5.04E-07	1.89E-04	1.08E-04	1.20E-04	2.61E-02
2717	490610.04, 3859160.04	0.0311	0.0225	0.0706	0.057	0.0109	0.0386	0.0217	0.0225	4.24E-02	4.43E-03	4.75E-07	3.67E-04	2.22E-04	2.36E-04	4.76E-02	2.06E-02	4.43E-03	4.75E-07	1.78E-04	1.08E-04	1.15E-04	2.55E-02
2718	490660.04, 3859160.04	0.0309	0.0209	0.0644	0.0525	0.0109	0.0361	0.0202	0.0209	4.20E-02	4.12E-03	4.34E-07	3.38E-04	2.22E-04	2.21E-04	4.69E-02	2.05E-02	4.12E-03	4.34E-07	1.64E-04	1.08E-04	1.07E-04	2.50E-02
2719	490710.04, 3859160.04	0.0304	0.0201	0.0606	0.05	0.0109	0.0347	0.0194	0.0201	4.14E-02	3.95E-03	4.08E-07	3.22E-04	2.22E-04	2.12E-04	4.61E-02	2.01E-02	3.95E-03	4.08E-07	1.57E-04	1.08E-04	1.03E-04	2.45E-02
2720	490760.04, 3859160.04	0.0301	0.019	0.0559	0.0469	0.0109	0.0329	0.0183	0.019	4.10E-02	3.74E-03	3.76E-07	3.02E-04	2.23E-04	2.01E-04	4.54E-02	1.99E-02	3.74E-03	3.76E-07	1.47E-04	1.09E-04	9.81E-05	2.40E-02
2721	490810.04, 3859160.04	0.0297	0.0183	0.0525	0.0449	0.0109	0.0318	0.0176	0.0183	4.04E-02	3.60E-03	3.54E-07	2.89E-04	2.22E-04	1.94E-04	4.47E-02	1.96E-02	3.60E-03	3.54E-07	1.41E-04	1.08E-04	9.46E-05	2.36E-02
2722	490860.04, 3859160.04	0.0293	0.0176	0.0493	0.0429	0.0108	0.0306	0.017	0.0176	3.98E-02	3.46E-03	3.32E-07	2.76E-04	2.21E-04	1.87E-04	4.40E-02	1.94E-02	3.46E-03	3.32E-07	1.34E-04	1.08E-04	9.13E-05	2.32E-02
2723	490360.04, 3859210.04	0.0347	0.0328	0.1214	0.0859	0.0098	0.0548	0.0318	0.0328	4.72E-02	6.47E-03	8.17E-07	5.53E-04	2.01E-04	3.36E-04	5.48E-02	2.30E-02	6.47E-03	8.17E-07	2.69E-04	9.77E-05	1.63E-04	3.00E-02
2724	490410.04, 3859210.04	0.0339	0.0311	0.1142	0.0805	0.01	0.0519	0.0301	0.0311	4.61E-02	6.12E-03	7.69E-07	5.18E-04	2.03E-04	3.18E-04	5.33E-02	2.24E-02	6.12E-03	7.69E-07	2.52E-04	9.88E-05	1.55E-04	2.91E-02

2725	490460.04, 3859210.04	0.0333	0.0286	0.1053	0.0733	0.0101	0.0479	0.0277	0.0286	4.54E-02	5.64E-03	7.09E-07	4.72E-04	2.06E-04	2.93E-04	5.20E-02	2.21E-02	5.64E-03	7.09E-07	2.30E-04	1.00E-04	1.43E-04	2.82E-02
2726	490510.04, 3859210.04	0.0327	0.0268	0.0973	0.0681	0.0102	0.045	0.0259	0.0268	4.46E-02	5.28E-03	6.55E-07	4.38E-04	2.08E-04	2.75E-04	5.08E-02	2.17E-02	5.28E-03	6.55E-07	2.13E-04	1.01E-04	1.34E-04	2.74E-02
2727	490560.04, 3859210.04	0.0321	0.0254	0.0905	0.0641	0.0103	0.0428	0.0246	0.0254	4.37E-02	5.01E-03	6.09E-07	4.13E-04	2.10E-04	2.62E-04	4.96E-02	2.13E-02	5.01E-03	6.09E-07	2.01E-04	1.02E-04	1.27E-04	2.67E-02
2728	490610.04, 3859210.04	0.0316	0.024	0.0833	0.0599	0.0104	0.0404	0.0232	0.024	4.30E-02	4.72E-03	5.61E-07	3.85E-04	2.11E-04	2.47E-04	4.86E-02	2.09E-02	4.72E-03	5.61E-07	1.88E-04	1.03E-04	1.20E-04	2.61E-02
2729	490660.04, 3859210.04	0.0313	0.0223	0.0752	0.0552	0.0104	0.0377	0.0215	0.0223	4.26E-02	4.39E-03	5.06E-07	3.55E-04	2.12E-04	2.31E-04	4.77E-02	2.07E-02	4.39E-03	5.06E-07	1.73E-04	1.03E-04	1.12E-04	2.55E-02
2730	490710.04, 3859210.04	0.0308	0.0211	0.0695	0.052	0.0104	0.0359	0.0204	0.0211	4.19E-02	4.16E-03	4.68E-07	3.35E-04	2.13E-04	2.20E-04	4.68E-02	2.04E-02	4.16E-03	4.68E-07	1.63E-04	1.03E-04	1.07E-04	2.49E-02
2731	490760.04, 3859210.04	0.0305	0.02	0.0627	0.0487	0.0105	0.0341	0.0194	0.02	4.15E-02	3.94E-03	4.22E-07	3.14E-04	2.13E-04	2.08E-04	4.62E-02	2.02E-02	3.94E-03	4.22E-07	1.53E-04	1.04E-04	1.01E-04	2.45E-02
2732	490810.04, 3859210.04	0.0299	0.0194	0.0593	0.0471	0.0105	0.0332	0.0188	0.0194	4.07E-02	3.83E-03	4.00E-07	3.03E-04	2.14E-04	2.03E-04	4.52E-02	1.98E-02	3.83E-03	4.00E-07	1.48E-04	1.04E-04	9.88E-05	2.40E-02
2733	490860.04, 3859210.04	0.0294	0.0189	0.0561	0.0456	0.0105	0.0323	0.0183	0.0189	4.00E-02	3.72E-03	3.78E-07	2.93E-04	2.13E-04	1.98E-04	4.44E-02	1.94E-02	3.72E-03	3.78E-07	1.43E-04	1.04E-04	9.63E-05	2.35E-02
2734	490360.04, 3859260.04	0.0357	0.0357	0.1538	0.0937	0.0093	0.059	0.0348	0.0357	4.86E-02	7.03E-03	1.04E-06	6.03E-04	1.90E-04	3.61E-04	5.68E-02	2.37E-02	7.03E-03	1.04E-06	2.93E-04	9.26E-05	1.76E-04	3.13E-02
2735	490410.04, 3859260.04	0.0348	0.0335	0.1404	0.0866	0.0094	0.0552	0.0326	0.0335	4.74E-02	6.59E-03	9.45E-07	5.57E-04	1.93E-04	3.38E-04	5.51E-02	2.31E-02	6.59E-03	9.45E-07	2.71E-04	9.37E-05	1.65E-04	3.02E-02
2736	490460.04, 3859260.04	0.034	0.0316	0.1286	0.0809	0.0095	0.0522	0.0308	0.0316	4.62E-02	6.23E-03	8.66E-07	5.20E-04	1.94E-04	3.19E-04	5.35E-02	2.25E-02	6.23E-03	8.66E-07	2.53E-04	9.46E-05	1.55E-04	2.92E-02
2737	490510.04, 3859260.04	0.0332	0.0299	0.118	0.0757	0.0096	0.0494	0.029	0.0299	4.51E-02	5.89E-03	7.95E-07	4.87E-04	1.96E-04	3.02E-04	5.20E-02	2.20E-02	5.89E-03	7.95E-07	2.37E-04	9.55E-05	1.47E-04	2.83E-02
2738	490560.04, 3859260.04	0.0326	0.028	0.1072	0.0702	0.0097	0.0463	0.0272	0.028	4.43E-02	5.51E-03	7.22E-07	4.51E-04	1.98E-04	2.83E-04	5.08E-02	2.16E-02	5.51E-03	7.22E-07	2.20E-04	9.66E-05	1.38E-04	2.75E-02
2739	490610.04, 3859260.04	0.0321	0.0259	0.0962	0.0643	0.0098	0.043	0.0252	0.0259	4.37E-02	5.10E-03	6.48E-07	4.14E-04	2.00E-04	2.63E-04	4.97E-02	2.13E-02	5.10E-03	6.48E-07	2.01E-04	9.76E-05	1.28E-04	2.68E-02
2740	490660.04, 3859260.04	0.0314	0.0249	0.0892	0.0614	0.0099	0.0415	0.0242	0.0249	4.27E-02	4.91E-03	6.01E-07	3.95E-04	2.02E-04	2.54E-04	4.85E-02	2.08E-02	4.91E-03	6.01E-07	1.92E-04	9.82E-05	1.24E-04	2.61E-02
2741	490710.04, 3859260.04	0.0308	0.0236	0.0821	0.0578	0.01	0.0394	0.0229	0.0236	4.19E-02	4.65E-03	5.53E-07	3.72E-04	2.03E-04	2.41E-04	4.74E-02	2.04E-02	4.65E-03	5.53E-07	1.81E-04	9.88E-05	1.17E-04	2.55E-02
2742	490760.04, 3859260.04	0.0305	0.0221	0.0731	0.0536	0.01	0.037	0.0215	0.0221	4.15E-02	4.36E-03	4.92E-07	3.45E-04	2.03E-04	2.27E-04	4.66E-02	2.02E-02	4.36E-03	4.92E-07	1.68E-04	9.90E-05	1.10E-04	2.49E-02
2743	490810.04, 3859260.04	0.0299	0.0214	0.068	0.0514	0.01	0.0358	0.0207	0.0214	4.07E-02	4.21E-03	4.58E-07	3.31E-04	2.04E-04	2.19E-04	4.57E-02	1.98E-02	4.21E-03	4.58E-07	1.61E-04	9.92E-05	1.07E-04	2.44E-02
2744	490860.04, 3859260.04	0.0294	0.0206	0.0633	0.0494	0.01	0.0346	0.02	0.0206	4.00E-02	4.06E-03	4.26E-07	3.18E-04	2.04E-04	2.12E-04	4.48E-02	1.95E-02	4.06E-03	4.26E-07	1.55E-04	9.93E-05	1.03E-04	2.39E-02
2745	490360.04, 3859310.04	0.0369	0.04	0.1861	0.1067	0.0088	0.0661	0.0391	0.04	5.02E-02	7.87E-03	1.25E-06	6.87E-04	1.80E-04	4.04E-04	5.94E-02	2.44E-02	7.87E-03	1.25E-06	3.34E-04	8.76E-05	1.97E-04	3.29E-02
2746	490410.04, 3859310.04	0.0358	0.0372	0.1656	0.0975	0.0089	0.0612	0.0364	0.0372	4.88E-02	7.33E-03	1.12E-06	6.27E-04	1.82E-04	3.75E-04	5.73E-02	2.37E-02	7.33E-03	1.12E-06	3.05E-04	8.86E-05	1.82E-04	3.16E-02
2747	490460.04, 3859310.04	0.0348	0.0349	0.1483	0.09	0.009	0.0572	0.0341	0.0349	4.74E-02	6.87E-03	9.99E-07	5.79E-04	1.84E-04	3.50E-04	5.54E-02	2.31E-02	6.87E-03	9.99E-07	2.82E-04	8.94E-05	1.70E-04	3.05E-02
2748	490510.04, 3859310.04	0.0339	0.033	0.1338	0.084	0.0091	0.054	0.0322	0.033	4.62E-02	6.51E-03	9.01E-07	5.41E-04	1.86E-04	3.30E-04	5.37E-02	2.25E-02	6.51E-03	9.01E-07	2.63E-04	9.03E-05	1.61E-04	2.95E-02
2749	490560.04, 3859310.04	0.0331	0.0312	0.121	0.0785	0.0092	0.051	0.0305	0.0312	4.50E-02	6.15E-03	8.15E-07	5.05E-04	1.87E-04	3.12E-04	5.22E-02	2.19E-02	6.15E-03	8.15E-07	2.46E-04	9.11E-05	1.52E-04	2.86E-02
2750	490610.04, 3859310.04	0.0323	0.0297	0.11	0.0739	0.0093	0.0485	0.029	0.0297	4.39E-02	5.85E-03	7.41E-07	4.75E-04	1.89E-04	2.97E-04	5.08E-02	2.14E-02	5.85E-03	7.41E-07	2.31E-04	9.19E-05	1.44E-04	2.77E-02
2751	490660.04, 3859310.04	0.0316	0.0281	0.0999	0.0691	0.0094	0.0459	0.0274	0.0281	4.30E-02	5.53E-03	6.73E-07	4.44E-04	1.91E-04	2.81E-04	4.95E-02	2.09E-02	5.53E-03	6.73E-07	2.16E-04	9.28E-05	1.37E-04	2.69E-02
2752	490710.04, 3859310.04	0.0312	0.026	0.0891	0.0633	0.0095	0.0426	0.0253	0.026	4.25E-02	5.12E-03	6.00E-07	4.07E-04	1.93E-04	2.60E-04	4.84E-02	2.07E-02	5.12E-03	6.00E-07	1.98E-04	9.38E-05	1.27E-04	2.62E-02
2753	490760.04, 3859310.04	0.0306	0.0246	0.0808	0.0594	0.0095	0.0404	0.024	0.0246	4.17E-02	4.85E-03	5.44E-07	3.82E-04	1.94E-04	2.47E-04	4.74E-02	2.03E-02	4.85E-03	5.44E-07	1.86E-04	9.45E-05	1.20E-04	2.56E-02
2754	490810.04, 3859310.04	0.03	0.0236	0.0744	0.0567	0.0096	0.0388	0.023	0.0236	4.09E-02	4.65E-03	5.01E-07	3.64E-04	1.95E-04	2.38E-04	4.63E-02	1.99E-02	4.65E-03	5.01E-07	1.77E-04	9.49E-05	1.16E-04	2.49E-02
2755	490860.04, 3859310.04	0.0296	0.0225	0.068	0.0536	0.0096	0.0371	0.0219	0.0225	4.02E-02	4.43E-03	4.58E-07	3.45E-04	1.96E-04	2.27E-04	4.54E-02	1.96E-02	4.43E-03	4.58E-07	1.68E-04	9.52E-05	1.10E-04	2.44E-02
2756	490360.04, 3859360.04	0.0384	0.0455	0.2078	0.1263	0.0084	0.0764	0.0448	0.0455	5.23E-02	8.96E-03	1.40E-06	8.12E-04	1.70E-04	4.68E-04	6.27E-02	2.55E-02	8.96E-03	1.40E-06	3.95E-04	8.29E-05	2.28E-04	3.51E-02
2757	490410.04, 3859360.04	0.037	0.0425	0.1819	0.1148	0.0084	0.0704	0.0418	0.0425	5.04E-02	8.37E-03	1.22E-06	7.38E-04	1.72E-04	4.31E-04	6.01E-02	2.45E-02	8.37E-03	1.22E-06	3.59E-04	8.36E-05	2.10E-04	3.36E-02
2758	490460.04, 3859360.04	0.0358	0.0399	0.1607	0.1054	0.0085	0.0654	0.0392	0.0399	4.87E-02	7.85E-03	1.08E-06	6.78E-04	1.73E-04	4.00E-04	5.78E-02	2.37E-02	7.85E-03	1.08E-06	3.30E-04	8.44E-05	1.95E-04	3.22E-02
2759	490510.04, 3859360.04	0.0347	0.0375	0.143	0.0972	0.0086	0.0611	0.0368	0.0375	4.72E-02	7.39E-03	9.63E-07	6.25E-04	1.75E-04	3.74E-04	5.58E-02	2.30E-02	7.39E-03	9.63E-07	3.04E-04	8.52E-05	1.82E-04	3.10E-02
2760	490560.04, 3859360.04	0.0338	0.0351	0.1274	0.0892	0.0087	0.0568	0.0344	0.0351	4.60E-02	6.91E-03	8.58E-07	5.74E-04	1.77E-04	3.47E-04	5.40E-02	2.24E-02	6.91E-03	8.58E-07	2.79E-04	8.62E-05	1.69E-04	2.98E-02
2761	490610.04, 3859360.04	0.033	0.0329	0.1142	0.0824	0.0088	0.0531	0.0322	0.0329	4.49E-02	6.48E-03	7.69E-07	5.30E-04	1.79E-04	3.25E-04	5.24E-02	2.18E-02	6.48E-03	7.69E-07	2.58E-04	8.71E-05	1.58E-04	2.88E-02
2762	490660.04, 3859360.04	0.0322	0.0311	0.1031	0.0768	0.0089	0.0501	0.0304	0.0311	4.38E-02	6.13E-03	6.94E-07	4.94E-04	1.81E-04	3.06E-04	5.09E-02	2.13E-02	6.13E-03	6.94E-07	2.41E-04	8.80E-05	1.49E-04	2.79E-02
2763	490710.04, 3859360.04	0.0315	0.0291	0.0927	0.0711	0.009	0.0469	0.0285	0.0291	4.29E-02	5.74E-03	6.24E-07	4.57E-04	1.83E-04	2.87E-04	4.96E-02	2.09E-02	5.74E-03	6.24E-07	2.23E-04	8.88E-05	1.40E-04	2.71E-02
2764	490760.04, 3859360.04	0.031	0.0273	0.0834	0.0659	0.009	0.0439	0.0267	0.0273	4.22E-02	5.37E-03	5.62E-07	4.24E-04	1.84E-04	2.69E-04	4.84E-02	2.05E-02	5.37E-03	5.62E-07	2.06E-04	8.97E-05	1.31E-04	2.63E-02
2765	490810.04, 3859360.04	0.0303	0.0263	0.0769	0.063	0.0091	0.0424	0.0257	0.0263	4.12E-02	5.18E-03	5.18E-07	4.05E-04	1.86E-04	2.59E-04	4.72E-02	2.01E-02	5.18E-03	5.18E-07	1.97E-04	9.03E-05	1.26E-04	2.57E-02
2766	490860.04, 3859360.04	0.0297	0.025	0.0704	0.0595	0.0092	0.0404	0.0245	0.025	4.04E-02	4.93E-03	4.74E-07	3.83E-04	1.87E-04	2.47E-04	4.62E-02	1.97E-02	4.93E-03	4.74E-07	1.86E-04	9.09E-05	1.20E-04	2.50E-02
2767	490360.04, 3859410.04	0.0405	0.0528	0.2062	0.1574	0.0079	0.0921	0.0523	0.0528	5.51E-02	1.04E-02	1.39E-06	1.01E-03	1.62E-04	5.64E-04	6.72E-02	2.68E-02	1.04E-02	1.39E-06	4.93E-04	7.86E-05	2.74E-04	3.81E-02
2768	490410.04, 3859410.04	0.0386	0.0491	0.1792	0.1402	0.008	0.0832	0.0485	0.0491	5.26E-02	9.68E-03	1.21E-06	9.02E-04	1.63E-04	5.09E-04	6.38E-02	2.56E-02	9.68E-03	1.21E-06	4.39E-04	7.92E-05	2.48E-04	3.60E-02
2769	490460.04, 3859410.04	0.0371	0.0458	0.1573	0.1262	0.008	0.0759	0.0452	0.0458	5.05E-02	9.03E-03	1.06E-06	8.12E-04	1.64E-04	4.65E-04	6.10E-02	2.46E-02	9.03E-03	1.06E-06	3.95E-04	7.98E-05	2.26E-04	3.43E-02
2770	490510.04, 3859410.04	0.0358	0.0429	0.1393	0.1145	0.0081	0.0698	0.0422	0.0429	4.87E-02	8.44E-03	9.38E-07	7.37E-04	1.66E-04	4.27E-04	5.85E-02	2.37E-02	8.44E-03	9.38E-07	3.59E-04	8.06E-05	2.08E-04	3.28E-02
2771	490560.04, 3859410.04	0.0347	0.0402	0.1243	0.1047	0.0082	0.0647	0.0396	0.0402	4.72E-02	7.92E-03	8.37E-07	6.74E-04	1.67E-04	3.96E-04	5.63E-02	2.30E-02	7.92E-03	8.37E-07	3.28E-04	8.13E-05	1.93E-04	3.15E-02
2772	490610.04, 3859410.04	0.0337	0.0378	0.1116	0.0963	0.0083	0.0603	0.0372	0.0378	4.58E-02	7.44E-03	7.52E-07	6.20E-04	1.69E-04	3.69E-04	5.44E-02	2.23E-02	7.44E-03	7.52E-07	3.02E-04	8.21E-05	1.79E-04	3.03E-02
2773	490660.04, 3859410.04	0.0328	0.0351	0.1002	0.0877	0.0084	0.0556	0.0345	0.0351	4.47E-02	6.91E-03	6.75E-07	5.64E-04	1.71E-04	3.40E-04	5.27E-02	2.18E-02	6.91E-03	6.75E-07	2.74E-04	8.31E-05	1.66E-04	2.92E-02
2774	490710.04, 3859410.04	0.0321	0.0328	0.0906	0.0809	0.0085	0.0519	0.0322	0.0328	4.37E-02	6.47E-03	6.10E-07	5.20E-04	1.73E-04	3.18E-04	5.12E-02	2.13E-02	6.47E-03	6.10E-07	2.53E-04	8.40E-05	1.55E-04	2.82E-02
2775	490760.04, 3859410.04	0.0315	0.0305	0.0816	0.0741	0.0086	0.0483	0.03	0.0305	4.28E-02	6.01E-03	5.50E-07	4.77E-04	1.75E-04	2.95E-04	4.98E-02	2.08E-02	6.01E-03	5.50E-07	2.32E-04	8.50E-05	1.44E-04	2.73E-02
2776	490810.04, 3859410.04	0.0307	0.0293	0.075	0.0703	0.0086	0.0463	0.0287	0.0293	4.18E-02	5.77E-03	5.05E-07	4.52E-04	1.76E-04	2.83E-04	4.85E-02	2.04E-02	5.77E-03	5.05E-07	2.20E-04	8.57E-05	1.38E-04	2.66E-02
2777	490860.04, 3859410.04	0.0299	0.0283	0.0696	0.0673	0.0087	0.0447	0.0277	0.0283	4.08E-02	5.57E-03	4.69E-07	4.33E-04	1.77E-04	2.73E-04	4.72E-02	1.98E-02	5.57E-03	4.69E-07	2.11E-04	8.63E-05	1.33E-04	2.58E-02
2778	490360.04, 3859460.04	0.0433	0.0631	0.1819	0.2111	0.0075	0.117	0.0628	0.0631	5.90E-02	1.24E-02	1.22E-06	1.36E-03	1.54E-04	7.16E-04	7.36E-02	2.87E-02	1.24E-02	1.22E-06	6.61E-04	7.48E-05	3.48E-04	4.22E-02
2779	490410.04, 3859460.04	0.041	0.0578	0.1589	0.1793	0.0076	0.1013	0.0574	0.0578	5.58E-02	1.14E-02	1.07E-06	1.15E-03	1.55E-04	6.20E-04	6.91E-02	2.72E-02	1.14E-02	1.07E-06	5.61E-04	7.53E-05	3.02E-04	3.95E-02
2780	490460.04, 3859460.04	0.0391	0.0535	0.1405	0.1572	0.0076	0.0903	0.0531	0.0535	5.32E-02	1.05E-02	9.46E-07	1.01E-03	1.56E-04	5.52E-04	6.55E-02	2.59E-02	1.05E-02	9.46E-07	4.92E-04	7.58E-05	2.69E-04	3.73E-02
2781	490510.04, 3859460.04	0.0375	0.0497	0.1252	0.1395	0.0077	0.0815	0.0493	0.0497	5.10E-02	9.80E-03	8.43E-07	8.97E-04	1.57E-04	4.98E-04	6.24E-02	2.48E-02	9.80E-03	8.43E-07	4.37E-04	7.64E-05	2.43E-04	3.54E-02
2782	490560.04, 3859460.04	0.0361	0.0464	0.1125	0.1255	0.0078	0.0745	0.0459	0.0464	4.91E-02	9.14E-03	7.57E-07	8.08E-04	1.58E-04	4.56E-04	5.97E-02	2.39E-02	9.14E-03	7.57E-07	3.93E-04	7.71E-05	2.22E-04	3.37E-02
2783	490610.04, 3859460.04	0.0349	0.0433	0.1014	0.1134	0.0078	0.0684	0.0428	0.0433	4.75E-02	8.52E-03	6.83E-07	7.29E-04	1.60E-04	4.19E-04	5.73E-02	2.31E-02	8.52E-03	6.83E-07	3.55E-04	7.78E-05	2.04E-04	3.23E-02
2784	490660.04, 3859460.04	0.0338	0.0403	0.0919	0.1029	0.0079	0.0631	0.0398	0.0403	4.61E-02	7.94E-03	6.19E-07	6.62E-04	1.62E-04	3.86E-04	5.52E-02	2.24E-02	7.94E-03	6.19E-07	3.22E-04	7.87E-05	1.88E-04	3.09E-02
2785	490710.04, 3859460.04	0.0328	0.0379	0.084	0.0948	0.008	0.0589	0.0374	0.0379	4.47E-02	7.46E-03	5.65E-07	6.10E-04	1.63E-04	3.60E-04	5.33E-02	2.18E-02	7.46E-03	5.65E-07	2.97E-04	7.94E-05	1.75E-04	2.98E-02
2786	490760.04, 3859460.04	0.032	0.0355	0.0766	0.0872	0.0081	0.055	0.035	0.0355	4.36E-02	6.99E-03	5.16E-07	5.61E-04	1.65E-04	3.37E-04	5.16E-02	2.12E-02	6.99E-03	5.16E-07	2.73E-04	8.03E-05	1.64E-04	2.87E-02

2787	490810.04, 3859460.04	0.0313	0.0334	0.0703	0.0808	0.0082	0.0517	0.0329	0.0334	4.25E-02	6.57E-03	4.73E-07	5.20E-04	1.67E-04	3.16E-04	5.01E-02	2.07E-02	6.57E-03	4.73E-07	2.53E-04	8.11E-05	1.54E-04	2.78E-02
2788	490860.04, 3859460.04	0.0304	0.0319	0.0653	0.0764	0.0082	0.0494	0.0315	0.0319	4.14E-02	6.29E-03	4.40E-07	4.91E-04	1.68E-04	3.02E-04	4.87E-02	2.02E-02	6.29E-03	4.40E-07	2.39E-04	8.17E-05	1.47E-04	2.69E-02
2789	490360.04, 3859510.04	0.0489	0.0788	0.1491	0.3158	0.0072	0.158	0.0786	0.0788	6.66E-02	1.55E-02	1.00E-06	2.03E-03	1.46E-04	9.67E-04	8.53E-02	3.24E-02	1.55E-02	1.00E-06	9.89E-04	7.13E-05	4.70E-04	4.95E-02
2790	490410.04, 3859510.04	0.0454	0.0713	0.133	0.2543	0.0072	0.132	0.0712	0.0713	6.19E-02	1.40E-02	8.96E-07	1.64E-03	1.47E-04	8.08E-04	7.85E-02	3.01E-02	1.40E-02	8.96E-07	7.96E-04	7.17E-05	3.93E-04	4.54E-02
2791	490460.04, 3859510.04	0.0426	0.0648	0.1192	0.2108	0.0073	0.1126	0.0646	0.0648	5.81E-02	1.28E-02	8.03E-07	1.36E-03	1.48E-04	6.89E-04	7.30E-02	2.83E-02	1.28E-02	8.03E-07	6.60E-04	7.23E-05	3.35E-04	4.21E-02
2792	490510.04, 3859510.04	0.0403	0.0595	0.1076	0.1803	0.0073	0.0991	0.0593	0.0595	5.49E-02	1.17E-02	7.25E-07	1.16E-03	1.49E-04	6.06E-04	6.85E-02	2.67E-02	1.17E-02	7.25E-07	5.64E-04	7.28E-05	2.95E-04	3.94E-02
2793	490560.04, 3859510.04	0.0384	0.055	0.0976	0.1575	0.0074	0.0887	0.0547	0.055	5.23E-02	1.08E-02	6.57E-07	1.01E-03	1.51E-04	5.43E-04	6.48E-02	2.54E-02	1.08E-02	6.57E-07	4.93E-04	7.33E-05	2.64E-04	3.71E-02
2794	490610.04, 3859510.04	0.0368	0.0508	0.0889	0.1391	0.0075	0.0801	0.0505	0.0508	5.00E-02	1.00E-02	5.99E-07	8.94E-04	1.52E-04	4.90E-04	6.16E-02	2.44E-02	1.00E-02	5.99E-07	4.35E-04	7.40E-05	2.38E-04	3.51E-02
2795	490660.04, 3859510.04	0.0354	0.0471	0.0814	0.1244	0.0075	0.0731	0.0468	0.0471	4.81E-02	9.28E-03	5.48E-07	8.00E-04	1.53E-04	4.47E-04	5.88E-02	2.34E-02	9.28E-03	5.48E-07	3.90E-04	7.47E-05	2.18E-04	3.34E-02
2796	490710.04, 3859510.04	0.0342	0.0438	0.0747	0.1123	0.0076	0.0673	0.0435	0.0438	4.65E-02	8.62E-03	5.03E-07	7.22E-04	1.55E-04	4.11E-04	5.64E-02	2.26E-02	8.62E-03	5.03E-07	3.52E-04	7.53E-05	2.00E-04	3.19E-02
2797	490760.04, 3859510.04	0.0331	0.0409	0.0689	0.1025	0.0077	0.0624	0.0406	0.0409	4.50E-02	8.06E-03	4.64E-07	6.59E-04	1.56E-04	3.82E-04	5.43E-02	2.19E-02	8.06E-03	4.64E-07	3.21E-04	7.61E-05	1.86E-04	3.06E-02
2798	490810.04, 3859510.04	0.0321	0.0385	0.0639	0.0948	0.0077	0.0586	0.0382	0.0385	4.37E-02	7.59E-03	4.30E-07	6.09E-04	1.58E-04	3.58E-04	5.24E-02	2.13E-02	7.59E-03	4.30E-07	2.97E-04	7.67E-05	1.74E-04	2.94E-02
2799	490860.04, 3859510.04	0.0312	0.0362	0.0593	0.0877	0.0078	0.0551	0.0359	0.0362	4.25E-02	7.14E-03	4.00E-07	5.64E-04	1.59E-04	3.37E-04	5.07E-02	2.07E-02	7.14E-03	4.00E-07	2.75E-04	7.75E-05	1.64E-04	2.83E-02
2800	490360.04, 3859560.04	0.0642	0.1046	0.1166	0.6112	0.0069	0.2483	0.1049	0.1046	8.75E-02	2.06E-02	7.85E-07	3.93E-03	1.40E-04	1.52E-03	1.14E-01	4.26E-02	2.06E-02	7.85E-07	1.91E-03	6.82E-05	7.39E-04	6.59E-02
2801	490410.04, 3859560.04	0.0559	0.0927	0.1071	0.4249	0.0069	0.191	0.093	0.0927	7.61E-02	1.83E-02	7.21E-07	2.73E-03	1.41E-04	1.17E-03	9.85E-02	3.71E-02	1.83E-02	7.21E-07	1.33E-03	6.85E-05	5.69E-04	5.73E-02
2802	490460.04, 3859560.04	0.0499	0.0828	0.0981	0.3213	0.0069	0.1549	0.0831	0.0828	6.80E-02	1.63E-02	6.60E-07	2.07E-03	1.42E-04	9.47E-04	8.74E-02	3.31E-02	1.63E-02	6.60E-07	1.01E-03	6.89E-05	4.61E-04	5.09E-02
2803	490510.04, 3859560.04	0.0456	0.0739	0.0898	0.2558	0.007	0.1293	0.0741	0.0739	6.21E-02	1.46E-02	6.05E-07	1.65E-03	1.43E-04	7.91E-04	7.93E-02	3.02E-02	1.46E-02	6.05E-07	8.01E-04	6.94E-05	3.85E-04	4.61E-02
2804	490560.04, 3859560.04	0.0424	0.0674	0.0829	0.2129	0.007	0.1118	0.0674	0.0674	5.77E-02	1.33E-02	5.59E-07	1.37E-03	1.43E-04	6.84E-04	7.31E-02	2.81E-02	1.33E-02	5.59E-07	6.66E-04	6.98E-05	3.33E-04	4.24E-02
2805	490610.04, 3859560.04	0.0398	0.0615	0.0765	0.1812	0.0071	0.0983	0.0615	0.0615	5.42E-02	1.21E-02	5.15E-07	1.17E-03	1.45E-04	6.01E-04	6.82E-02	2.64E-02	1.21E-02	5.15E-07	5.67E-04	7.04E-05	2.93E-04	3.94E-02
2806	490660.04, 3859560.04	0.0378	0.0564	0.0709	0.1577	0.0072	0.0879	0.0564	0.0564	5.14E-02	1.11E-02	4.77E-07	1.01E-03	1.46E-04	5.38E-04	6.42E-02	2.50E-02	1.11E-02	4.77E-07	4.94E-04	7.10E-05	2.62E-04	3.70E-02
2807	490710.04, 3859560.04	0.0361	0.0519	0.0657	0.139	0.0072	0.0794	0.0519	0.0519	4.91E-02	1.02E-02	4.42E-07	8.94E-04	1.47E-04	4.86E-04	6.08E-02	2.39E-02	1.02E-02	4.42E-07	4.35E-04	7.16E-05	2.36E-04	3.49E-02
2808	490760.04, 3859560.04	0.0347	0.0477	0.061	0.1235	0.0073	0.0721	0.0476	0.0477	4.72E-02	9.40E-03	4.10E-07	7.94E-04	1.49E-04	4.41E-04	5.80E-02	2.30E-02	9.40E-03	4.10E-07	3.87E-04	7.24E-05	2.15E-04	3.30E-02
2809	490810.04, 3859560.04	0.0334	0.0443	0.0569	0.1118	0.0074	0.0666	0.0442	0.0443	4.55E-02	8.73E-03	3.83E-07	7.19E-04	1.50E-04	4.07E-04	5.55E-02	2.21E-02	8.73E-03	3.83E-07	3.50E-04	7.30E-05	1.98E-04	3.15E-02
2810	490860.04, 3859560.04	0.0324	0.0413	0.0531	0.102	0.0074	0.0618	0.0411	0.0413	4.40E-02	8.13E-03	3.58E-07	6.56E-04	1.52E-04	3.78E-04	5.34E-02	2.14E-02	8.13E-03	3.58E-07	3.19E-04	7.38E-05	1.84E-04	3.01E-02
2811	490187.25, 3859422.08	0.0529	0.0753	0.3662	0.3032	0.0077	0.1633	0.0752	0.0753	7.20E-02	1.48E-02	2.47E-06	1.95E-03	1.56E-04	9.99E-04	8.99E-02	3.50E-02	1.48E-02	2.47E-06	9.49E-04	7.60E-05	4.86E-04	5.14E-02
2812	490237.25, 3859422.08	0.0484	0.0682	0.3017	0.2466	0.0077	0.1364	0.0679	0.0682	6.59E-02	1.34E-02	2.03E-06	1.59E-03	1.57E-04	8.35E-04	8.19E-02	3.21E-02	1.34E-02	2.03E-06	7.72E-04	7.63E-05	4.06E-04	4.68E-02
2813	490287.25, 3859422.08	0.0448	0.0622	0.2534	0.2078	0.0077	0.1174	0.0618	0.0622	6.10E-02	1.23E-02	1.71E-06	1.34E-03	1.58E-04	7.18E-04	7.55E-02	2.97E-02	1.23E-02	1.71E-06	6.51E-04	7.68E-05	3.50E-04	4.30E-02
2814	490337.25, 3859422.08	0.0421	0.0569	0.216	0.1776	0.0078	0.1021	0.0564	0.0569	5.73E-02	1.12E-02	1.45E-06	1.14E-03	1.59E-04	6.25E-04	7.05E-02	2.79E-02	1.12E-02	1.45E-06	5.56E-04	7.74E-05	3.04E-04	4.01E-02
2815	490187.25, 3859472.08	0.0648	0.0947	0.296	0.5673	0.0073	0.2742	0.0949	0.0947	8.83E-02	1.87E-02	1.99E-06	3.65E-03	1.49E-04	1.68E-03	1.12E-01	4.30E-02	1.87E-02	1.99E-06	1.78E-03	7.27E-05	8.17E-04	6.43E-02
2816	490237.25, 3859472.08	0.0554	0.0845	0.2507	0.4022	0.0074	0.205	0.0844	0.0845	7.54E-02	1.67E-02	1.69E-06	2.59E-03	1.50E-04	1.25E-03	9.60E-02	3.67E-02	1.67E-02	1.69E-06	1.26E-03	7.30E-05	6.11E-04	5.53E-02
2817	490287.25, 3859472.08	0.0494	0.0759	0.2136	0.3067	0.0074	0.1622	0.0757	0.0759	6.73E-02	1.50E-02	1.44E-06	1.97E-03	1.51E-04	9.92E-04	8.54E-02	3.28E-02	1.50E-02	1.44E-06	9.60E-04	7.34E-05	4.83E-04	4.92E-02
2818	490337.25, 3859472.08	0.0456	0.069	0.1853	0.2491	0.0074	0.1347	0.0688	0.069	6.21E-02	1.36E-02	1.25E-06	1.60E-03	1.52E-04	8.24E-04	7.83E-02	3.02E-02	1.36E-02	1.25E-06	7.80E-04	7.38E-05	4.01E-04	4.51E-02
2819	490297.07, 3859500.42	0.0524	0.0854	0.1822	0.3967	0.0072	0.196	0.0853	0.0854	7.14E-02	1.68E-02	1.23E-06	2.55E-03	1.47E-04	1.20E-03	9.21E-02	3.47E-02	1.68E-02	1.23E-06	1.24E-03	7.16E-05	5.84E-04	5.35E-02
2820	490327.07, 3859500.42	0.0498	0.0805	0.1692	0.3383	0.0072	0.1702	0.0803	0.0805	6.78E-02	1.59E-02	1.14E-06	2.18E-03	1.47E-04	1.04E-03	8.71E-02	3.30E-02	1.59E-02	1.14E-06	1.06E-03	7.17E-05	5.07E-04	5.05E-02
2821	490297.07, 3859530.42	0.0612	0.1016	0.1551	0.6217	0.007	0.2611	0.1016	0.1016	8.33E-02	2.00E-02	1.04E-06	4.00E-03	1.43E-04	1.60E-03	1.09E-01	4.05E-02	2.00E-02	1.04E-06	1.95E-03	6.96E-05	7.78E-04	6.33E-02
2822	490327.07, 3859530.42	0.0574	0.0945	0.146	0.4914	0.007	0.2179	0.0945	0.0945	7.82E-02	1.86E-02	9.83E-07	3.16E-03	1.43E-04	1.33E-03	1.01E-01	3.80E-02	1.86E-02	9.83E-07	1.54E-03	6.98E-05	6.49E-04	5.89E-02
2823	490319.73, 3859055.34	0.0331	0.0276	0.0532	0.075	0.0116	0.0484	0.0264	0.0276	4.51E-02	5.43E-03	3.58E-07	4.82E-04	2.36E-04	2.96E-04	5.15E-02	2.19E-02	5.43E-03	3.58E-07	2.35E-04	1.15E-04	1.44E-04	2.79E-02
2824	490319.73, 3859105.34	0.0337	0.0293	0.0691	0.0786	0.011	0.0506	0.0282	0.0293	4.59E-02	5.78E-03	4.65E-07	5.05E-04	2.24E-04	3.10E-04	5.27E-02	2.23E-02	5.78E-03	4.65E-07	2.46E-04	1.09E-04	1.51E-04	2.86E-02
2825	490069.73, 3859155.34	0.0398	0.0416	0.0935	0.1209	0.0099	0.0729	0.0403	0.0416	5.41E-02	8.20E-03	6.30E-07	7.78E-04	2.02E-04	4.46E-04	6.38E-02	2.63E-02	8.20E-03	6.30E-07	3.79E-04	9.81E-05	2.17E-04	3.52E-02
2826	490119.73, 3859155.34	0.0384	0.0393	0.0961	0.1113	0.01	0.0681	0.038	0.0393	5.23E-02	7.74E-03	6.47E-07	7.16E-04	2.03E-04	4.17E-04	6.14E-02	2.55E-02	7.74E-03	6.47E-07	3.49E-04	9.88E-05	2.03E-04	3.38E-02
2827	490269.73, 3859155.34	0.0352	0.0336	0.0952	0.0902	0.0102	0.0571	0.0325	0.0336	4.79E-02	6.62E-03	6.41E-07	5.80E-04	2.08E-04	3.50E-04	5.57E-02	2.33E-02	6.62E-03	6.41E-07	2.82E-04	1.01E-04	1.70E-04	3.05E-02
2828	490319.73, 3859155.34	0.0344	0.0317	0.0922	0.0839	0.0104	0.0537	0.0306	0.0317	4.68E-02	6.24E-03	6.21E-07	5.40E-04	2.11E-04	3.29E-04	5.41E-02	2.28E-02	6.24E-03	6.21E-07	2.63E-04	1.03E-04	1.60E-04	2.96E-02
2829	490069.73, 3859205.34	0.0413	0.0468	0.1462	0.1388	0.0093	0.0821	0.0456	0.0468	5.62E-02	9.22E-03	9.85E-07	8.93E-04	1.90E-04	5.02E-04	6.70E-02	2.74E-02	9.22E-03	9.85E-07	4.35E-04	9.27E-05	2.45E-04	3.74E-02
2830	490119.73, 3859205.34	0.0397	0.0441	0.147	0.1267	0.0094	0.0762	0.043	0.0441	5.40E-02	8.70E-03	9.90E-07	8.15E-04	1.91E-04	4.66E-04	6.42E-02	2.63E-02	8.70E-03	9.90E-07	3.97E-04	9.30E-05	2.27E-04	3.57E-02
2831	490169.73, 3859205.34	0.0383	0.0416	0.1436	0.116	0.0095	0.0708	0.0404	0.0416	5.22E-02	8.19E-03	9.67E-07	7.46E-04	1.93E-04	4.33E-04	6.17E-02	2.54E-02	8.19E-03	9.67E-07	3.63E-04	9.38E-05	2.11E-04	3.42E-02
2832	490219.73, 3859205.34	0.0372	0.0389	0.1376	0.1063	0.0096	0.0658	0.0378	0.0389	5.06E-02	7.66E-03	9.26E-07	6.84E-04	1.95E-04	4.02E-04	5.96E-02	2.46E-02	7.66E-03	9.26E-07	3.33E-04	9.49E-05	1.96E-04	3.29E-02
2833	490269.73, 3859205.34	0.0362	0.0363	0.1303	0.0973	0.0097	0.0609	0.0352	0.0363	4.93E-02	7.15E-03	8.78E-07	6.26E-04	1.98E-04	3.73E-04	5.77E-02	2.40E-02	7.15E-03	8.78E-07	3.05E-04	9.62E-05	1.81E-04	3.17E-02
2834	490319.73, 3859205.34	0.0353	0.0343	0.1241	0.0906	0.0098	0.0574	0.0332	0.0343	4.80E-02	6.75E-03	8.35E-07	5.83E-04	2.00E-04	3.51E-04	5.59E-02	2.34E-02	6.75E-03	8.35E-07	2.84E-04	9.73E-05	1.71E-04	3.07E-02
2835	490069.73, 3859255.34	0.0434	0.053	0.2365	0.1639	0.0089	0.0944	0.0521	0.053	5.91E-02	1.04E-02	1.59E-06	1.05E-03	1.81E-04	5.78E-04	7.13E-02	2.88E-02	1.04E-02	1.59E-06	5.13E-04	8.83E-05	2.81E-04	4.01E-02
2836	490119.73, 3859255.34	0.0415	0.0496	0.2255	0.1466	0.0089	0.0862	0.0486	0.0496	5.65E-02	9.77E-03	1.52E-06	9.43E-04	1.82E-04	5.27E-04	6.79E-02	2.75E-02	9.77E-03	1.52E-06	4.59E-04	8.85E-05	2.57E-04	3.81E-02
2837	490169.73, 3859255.34	0.0399	0.0464	0.2107	0.1324	0.009	0.0792	0.0454	0.0464	5.43E-02	9.13E-03	1.42E-06	8.51E-04	1.83E-04	4.85E-04	6.49E-02	2.64E-02	9.13E-03	1.42E-06	4.14E-04	8.90E-05	2.36E-04	3.63E-02
2838	490219.73, 3859255.34	0.0386	0.0432	0.1939	0.1198	0.0091	0.0728	0.0422	0.0432	5.25E-02	8.50E-03	1.31E-06	7.70E-04	1.85E-04	4.45E-04	6.24E-02	2.55E-02	8.50E-03	1.31E-06	3.75E-04	8.99E-05	2.17E-04	3.47E-02
2839	490269.73, 3859255.34	0.0374	0.0402	0.1775	0.109	0.0092	0.0671	0.0393	0.0402	5.09E-02	7.92E-03	1.20E-06	7.01E-04	1.87E-04	4.11E-04	6.01E-02	2.48E-02	7.92E-03	1.20E-06	3.41E-04	9.10E-05	2.00E-04	3.33E-02
2840	490319.73, 3859255.34	0.0363	0.0377	0.1628	0.1004	0.0093	0.0627	0.0368	0.0377	4.94E-02	7.43E-03	1.10E-06	6.46E-04	1.89E-04	3.83E-04	5.81E-02	2.40E-02	7.43E-03	1.10E-06	3.14E-04	9.19E-05	1.87E-04	3.21E-02
2841	490069.73, 3859305.34	0.0466	0.0614	0.3795	0.204	0.0085	0.1136	0.0608	0.0614	6.35E-02	1.21E-02	2.56E-06	1.31E-03	1.73E-04	6.95E-04	7.77E-02	3.09E-02	1.21E-02	2.56E-06	6.39E-04	8.42E-05	3.38E-04	4.41E-02
2842	490119.73, 3859305.34	0.0442	0.0568	0.3372	0.1776	0.0085	0.1015	0.0561	0.0568	6.01E-02	1.12E-02	2.27E-06	1.14E-03	1.73E-04	6.21E-04	7.32E-02	2.93E-02	1.12E-02	2.27E-06	5.56E-04	8.43E-05	3.02E-04	4.14E-02
2843	490169.73, 3859305.34	0.0421	0.0526	0.2966	0.1571	0.0085	0.0918	0.0519	0.0526	5.74E-02	1.04E-02	2.00E-06	1.01E-03	1.74E-04	5.62E-04	6.95E-02	2.79E-02	1.04E-02	2.00E-06	4.92E-04	8.47E-05	2.73E-04	3.91E-02
2844	490219.73, 3859305.34	0.0404	0.0488	0.26	0.14	0.0086	0.0833	0.048	0.0488	5.51E-02	9.61E-03	1.75E-06	9.01E-04	1.75E-04	5.10E-04	6.63E-02	2.68E-02	9.61E-03	1.75E-06	4.38E-04	8.54E-05	2.48E-04	3.72E-02
2845	490269.73, 3859305.34	0.039	0.0453	0.2288	0.126	0.0087	0.0762	0.0444	0.0453	5.30E-02	8.92E-03	1.54E-06	8.11E-04	1.77E-04	4.66E-04	6.34E-02	2.58E-02	8.92E-03	1.54E-06	3.95E-04	8.62E-05	2.27E-04	3.54E-02
2846	490319.73, 3859305.34	0.0377	0.042	0.2019	0.114	0.0088	0.0699	0.0412	0.042	5.13E-02	8.27E-03	1.36E-06	7.33E-04	1.79E-04	4.28E-04	6.09E-02	2.50E-02	8.27E-03	1.36E-06	3.57E-04	8.72E-05	2.08E-04	3.39E-02
2847	490069.73, 3859355.34	0.0526	0.0734	0.557	0.2815	0.0081	0.15	0.0732	0.0734	7.16E-02	1.45E-02	3.75E-06	1.81E-03	1.65E-04	9.18E-04	8.90E-02	3.49E-02	1.45E-02	3.75E-06	8.81E-04	8.03E-05	4.47E-04	5.07E-02
2848	490119.73, 3859355.34	0.0487	0.0669	0.458	0.2332	0.0081	0.129	0.0665	0.0669	6.63E-02	1.32E-02	3.08E-06	1.50E-03	1.65E-04	7.89E-04	8.19E-02	3.23E-02	1.32E-02	3.08E-06	7.30E-04	8.03E-05	3.84E-04	4.66E-02

2849	490169.73, 3859355.34	0.0457	0.0612	0.3796	0.1989	0.0081	0.1131	0.0607	0.0612	6.22E-02	1.21E-02	2.56E-06	1.28E-03	1.66E-04	6.92E-04	7.64E-02	3.03E-02	1.21E-02	2.56E-06	6.23E-04	8.06E-05	3.37E-04	4.34E-02
2850	490219.73, 3859355.34	0.0433	0.0561	0.3178	0.1729	0.0082	0.1003	0.0555	0.0561	5.89E-02	1.10E-02	2.14E-06	1.11E-03	1.67E-04	6.13E-04	7.19E-02	2.87E-02	1.10E-02	2.14E-06	5.41E-04	8.12E-05	2.99E-04	4.07E-02
2851	490269.73, 3859355.34	0.0412	0.0518	0.2703	0.1524	0.0082	0.09	0.0511	0.0518	5.61E-02	1.02E-02	1.82E-06	9.81E-04	1.68E-04	5.51E-04	6.80E-02	2.73E-02	1.02E-02	1.82E-06	4.77E-04	8.18E-05	2.68E-04	3.83E-02
2852	490319.73, 3859355.34	0.0395	0.0478	0.232	0.1357	0.0083	0.0813	0.0471	0.0478	5.37E-02	9.42E-03	1.56E-06	8.73E-04	1.70E-04	4.97E-04	6.47E-02	2.62E-02	9.42E-03	1.56E-06	4.25E-04	8.26E-05	2.42E-04	3.63E-02
2853	490069.73, 3859405.34	0.0648	0.0911	0.652	0.4761	0.0077	0.2376	0.0913	0.0911	8.82E-02	1.79E-02	4.39E-06	3.06E-03	1.58E-04	1.45E-03	1.11E-01	4.29E-02	1.79E-02	4.39E-06	1.49E-03	7.68E-05	7.08E-04	6.31E-02
2854	490119.73, 3859405.34	0.0571	0.0811	0.5076	0.355	0.0077	0.1867	0.0811	0.0811	7.77E-02	1.60E-02	3.42E-06	2.28E-03	1.58E-04	1.14E-03	9.73E-02	3.78E-02	1.60E-02	3.42E-06	1.11E-03	7.68E-05	5.56E-04	5.56E-02
2855	490169.73, 3859405.34	0.0517	0.073	0.4055	0.2813	0.0078	0.1532	0.0728	0.073	7.04E-02	1.44E-02	2.73E-06	1.81E-03	1.58E-04	9.37E-04	8.77E-02	3.43E-02	1.44E-02	2.73E-06	8.81E-04	7.70E-05	4.56E-04	5.01E-02
2856	490219.73, 3859405.34	0.0478	0.0663	0.3319	0.2324	0.0078	0.1298	0.066	0.0663	6.50E-02	1.31E-02	2.24E-06	1.50E-03	1.59E-04	7.94E-04	8.05E-02	3.17E-02	1.31E-02	2.24E-06	7.28E-04	7.74E-05	3.87E-04	4.59E-02
2857	490269.73, 3859405.34	0.0446	0.0604	0.2765	0.1973	0.0079	0.1123	0.0599	0.0604	6.07E-02	1.19E-02	1.86E-06	1.27E-03	1.60E-04	6.87E-04	7.47E-02	2.95E-02	1.19E-02	1.86E-06	6.18E-04	7.79E-05	3.35E-04	4.25E-02
2858	490319.73, 3859405.34	0.042	0.0553	0.2343	0.1698	0.0079	0.0985	0.0548	0.0553	5.72E-02	1.09E-02	1.58E-06	1.09E-03	1.61E-04	6.03E-04	6.99E-02	2.78E-02	1.09E-02	1.58E-06	5.32E-04	7.85E-05	2.93E-04	3.96E-02
2859	490161.89, 3859541.83	0.074	0.1656	0.1836	0.3564	0.0069	0.2288	0.1657	0.1656	1.01E-01	3.26E-02	1.24E-06	2.29E-03	1.41E-04	1.40E-03	1.37E-01	4.90E-02	3.26E-02	1.24E-06	1.12E-03	6.85E-05	6.81E-04	8.35E-02
2860	490171.89, 3859541.83	0.073	0.1598	0.1805	0.4021	0.0069	0.2581	0.1598	0.1598	9.94E-02	3.15E-02	1.22E-06	2.59E-03	1.41E-04	1.58E-03	1.35E-01	4.84E-02	3.15E-02	1.22E-06	1.26E-03	6.85E-05	7.69E-04	8.20E-02
2861	490161.89, 3859551.83	0.0737	0.1829	0.1674	0.2878	0.0069	0.1887	0.1829	0.1829	1.00E-01	3.60E-02	1.13E-06	1.85E-03	1.40E-04	1.15E-03	1.40E-01	4.88E-02	3.60E-02	1.13E-06	9.01E-04	6.80E-05	5.62E-04	8.64E-02
2862	490171.89, 3859551.83	0.073	0.1759	0.165	0.318	0.0069	0.2097	0.1759	0.1759	9.93E-02	3.47E-02	1.11E-06	2.05E-03	1.40E-04	1.28E-03	1.37E-01	4.84E-02	3.47E-02	1.11E-06	9.96E-04	6.80E-05	6.24E-04	8.47E-02
2863	489799.72, 3859348.21	0.0819	0.1554	0.7395	0.344	0.0084	0.2481	0.1582	0.1554	1.12E-01	3.06E-02	4.98E-06	2.21E-03	1.70E-04	1.52E-03	1.46E-01	5.43E-02	3.06E-02	4.98E-06	1.08E-03	8.29E-05	7.39E-04	8.68E-02
2864	489819.72, 3859348.21	0.0797	0.1429	0.8567	0.455	0.0083	0.3477	0.1451	0.1429	1.09E-01	2.82E-02	5.77E-06	2.93E-03	1.69E-04	2.13E-03	1.42E-01	5.28E-02	2.82E-02	5.77E-06	1.42E-03	8.25E-05	1.04E-03	8.35E-02
2865	489799.72, 3859368.21	0.0866	0.1847	1.2052	0.246	0.0082	0.1722	0.189	0.1847	1.18E-01	3.64E-02	8.12E-06	1.58E-03	1.68E-04	1.05E-03	1.57E-01	5.74E-02	3.64E-02	8.12E-06	7.70E-04	8.18E-05	5.13E-04	9.52E-02
2866	489819.72, 3859368.21	0.0856	0.1674	1.4633	0.302	0.0082	0.2171	0.1709	0.1674	1.16E-01	3.30E-02	9.85E-06	1.94E-03	1.67E-04	1.33E-03	1.53E-01	5.67E-02	3.30E-02	9.85E-06	9.45E-04	8.14E-05	6.47E-04	9.14E-02
2867	489775.41, 3859329.72	0.0826	0.1494	0.5015	0.3618	0.0085	0.2592	0.1519	0.1494	1.12E-01	2.94E-02	3.38E-06	2.33E-03	1.73E-04	1.59E-03	1.46E-01	5.48E-02	2.94E-02	3.38E-06	1.13E-03	8.44E-05	7.72E-04	8.62E-02
2868	489795.41, 3859329.72	0.0796	0.1378	0.5073	0.4842	0.0085	0.3283	0.1397	0.1378	1.08E-01	2.71E-02	3.42E-06	3.11E-03	1.73E-04	2.01E-03	1.41E-01	5.27E-02	2.71E-02	3.42E-06	1.52E-03	8.40E-05	9.78E-04	8.25E-02
2869	489775.41, 3859349.72	0.0846	0.1762	0.697	0.2568	0.0084	0.179	0.1801	0.1762	1.15E-01	3.47E-02	4.69E-06	1.65E-03	1.71E-04	1.09E-03	1.53E-01	5.60E-02	3.47E-02	4.69E-06	8.04E-04	8.33E-05	5.33E-04	9.22E-02
2870	489795.41, 3859349.72	0.0828	0.1603	0.743	0.3175	0.0084	0.2271	0.1634	0.1603	1.13E-01	3.16E-02	5.00E-06	2.04E-03	1.70E-04	1.39E-03	1.48E-01	5.48E-02	3.16E-02	5.00E-06	9.94E-04	8.29E-05	6.76E-04	8.82E-02
2871	489595.05, 3859219.43	0.0853	0.1375	0.1111	0.3228	0.0096	0.2106	0.1393	0.1375	1.16E-01	2.71E-02	7.48E-07	2.08E-03	1.96E-04	1.29E-03	1.47E-01	5.65E-02	2.71E-02	7.48E-07	1.01E-03	9.54E-05	6.27E-04	8.53E-02
2872	489615.05, 3859219.43	0.0826	0.1273	0.1164	0.4122	0.0096	0.2769	0.1286	0.1273	1.12E-01	2.51E-02	7.84E-07	2.65E-03	1.95E-04	1.69E-03	1.42E-01	5.48E-02	2.51E-02	7.84E-07	1.29E-03	9.48E-05	8.25E-04	8.20E-02
2873	489595.05, 3859239.43	0.0886	0.1602	0.1307	0.2422	0.0095	0.1545	0.163	0.1602	1.21E-01	3.16E-02	8.80E-07	1.56E-03	1.94E-04	9.45E-04	1.55E-01	5.87E-02	3.16E-02	8.80E-07	7.58E-04	9.42E-05	4.60E-04	9.16E-02
2874	489615.05, 3859239.43	0.0871	0.1467	0.1376	0.2883	0.0094	0.1888	0.1488	0.1467	1.19E-01	2.89E-02	9.27E-07	1.85E-03	1.92E-04	1.16E-03	1.51E-01	5.77E-02	2.89E-02	9.27E-07	9.03E-04	9.36E-05	5.62E-04	8.82E-02
2875	489372.4, 3859092.58	0.0801	0.1334	0.0378	0.301	0.0113	0.1532	0.1395	0.1334	1.09E-01	2.63E-02	2.55E-07	1.94E-03	2.31E-04	9.38E-04	1.38E-01	5.31E-02	2.63E-02	2.55E-07	9.42E-04	1.12E-04	4.56E-04	8.09E-02
2876	489422.4, 3859092.58	0.0778	0.1121	0.0401	0.4483	0.0111	0.2638	0.115	0.1121	1.06E-01	2.21E-02	2.70E-07	2.88E-03	2.26E-04	1.61E-03	1.33E-01	5.15E-02	2.21E-02	2.70E-07	1.40E-03	1.10E-04	7.86E-04	7.59E-02
2877	489372.4, 3859142.58	0.0886	0.2018	0.0454	0.2123	0.0111	0.0971	0.218	0.2018	1.21E-01	3.98E-02	3.06E-07	1.37E-03	2.25E-04	5.94E-04	1.63E-01	5.87E-02	3.98E-02	3.06E-07	6.65E-04	1.10E-04	2.89E-04	9.95E-02
2878	489422.4, 3859142.58	0.0875	0.1578	0.0497	0.2359	0.0108	0.1264	0.1657	0.1578	1.19E-01	3.11E-02	3.35E-07	1.52E-03	2.20E-04	7.73E-04	1.53E-01	5.80E-02	3.11E-02	3.35E-07	7.39E-04	1.07E-04	3.76E-04	9.03E-02
2879	488870.84, 3858666.64	0.0955	0.0654	0.019	0.2887	0.0188	0.1935	0.085	0.0654	1.30E-01	1.29E-02	1.28E-07	1.86E-03	3.83E-04	1.18E-03	1.46E-01	6.33E-02	1.29E-02	1.28E-07	9.04E-04	1.87E-04	5.76E-04	7.78E-02
2880	488900.84, 3858666.64	0.0874	0.062	0.0191	0.4824	0.0186	0.2932	0.0777	0.062	1.19E-01	1.22E-02	1.28E-07	3.10E-03	3.80E-04	1.79E-03	1.36E-01	5.79E-02	1.22E-02	1.28E-07	1.51E-03	1.85E-04	8.73E-04	7.27E-02
2881	488870.84, 3858696.64	0.0917	0.0728	0.0185	0.1989	0.0183	0.1416	0.0966	0.0728	1.25E-01	1.43E-02	1.25E-07	1.28E-03	3.72E-04	8.66E-04	1.42E-01	6.08E-02	1.43E-02	1.25E-07	6.23E-04	1.81E-04	4.22E-04	7.63E-02
2882	488900.84, 3858696.64	0.0848	0.0686	0.0186	0.2809	0.0181	0.1863	0.0874	0.0686	1.15E-01	1.35E-02	1.25E-07	1.81E-03	3.70E-04	1.14E-03	1.32E-01	5.62E-02	1.35E-02	1.25E-07	8.79E-04	1.80E-04	5.55E-04	7.13E-02
2883	488889.67, 3858683.97	0.0883	0.067	0.0188	0.2902	0.0184	0.1926	0.0858	0.067	1.20E-01	1.32E-02	1.26E-07	1.87E-03	3.75E-04	1.18E-03	1.37E-01	5.85E-02	1.32E-02	1.26E-07	9.09E-04	1.83E-04	5.74E-04	7.33E-02
2884	488919.67, 3858683.97	0.082	0.0634	0.0188	0.4822	0.0182	0.2904	0.0786	0.0634	1.12E-01	1.25E-02	1.27E-07	3.10E-03	3.72E-04	1.78E-03	1.29E-01	5.43E-02	1.25E-02	1.27E-07	1.51E-03	1.81E-04	8.65E-04	6.94E-02
2885	488889.67, 3858713.97	0.0862	0.0748	0.0184	0.2005	0.0179	0.1412	0.0982	0.0748	1.17E-01	1.47E-02	1.24E-07	1.29E-03	3.65E-04	8.64E-04	1.35E-01	5.71E-02	1.47E-02	1.24E-07	6.28E-04	1.78E-04	4.20E-04	7.31E-02
2886	488919.67, 3858713.97	0.0806	0.0703	0.0185	0.2827	0.0177	0.1857	0.0889	0.0703	1.10E-01	1.38E-02	1.24E-07	1.82E-03	3.62E-04	1.14E-03	1.27E-01	5.34E-02	1.38E-02	1.24E-07	8.85E-04	1.76E-04	5.53E-04	6.89E-02
2887	488906.61, 3858703.33	0.0833	0.0694	0.0186	0.2758	0.018	0.183	0.0884	0.0694	1.13E-01	1.37E-02	1.25E-07	1.77E-03	3.67E-04	1.12E-03	1.30E-01	5.52E-02	1.37E-02	1.25E-07	8.64E-04	1.78E-04	5.45E-04	7.05E-02
2888	488936.61, 3858703.33	0.0782	0.0655	0.0186	0.4474	0.0178	0.271	0.0807	0.0655	1.06E-01	1.29E-02	1.25E-07	2.88E-03	3.63E-04	1.66E-03	1.24E-01	5.18E-02	1.29E-02	1.25E-07	1.40E-03	1.77E-04	8.07E-04	6.71E-02
2889	488906.61, 3858733.33	0.0826	0.0777	0.0182	0.1952	0.0175	0.1368	0.1018	0.0777	1.12E-01	1.53E-02	1.22E-07	1.26E-03	3.58E-04	8.37E-04	1.30E-01	5.47E-02	1.53E-02	1.22E-07	6.11E-04	1.74E-04	4.07E-04	7.12E-02
2890	488936.61, 3858733.33	0.0778	0.0729	0.0183	0.2708	0.0174	0.1775	0.092	0.0729	1.06E-01	1.44E-02	1.23E-07	1.74E-03	3.54E-04	1.09E-03	1.23E-01	5.16E-02	1.44E-02	1.23E-07	8.48E-04	1.72E-04	5.29E-04	6.75E-02
2891	488637.63, 3858467.85	0.1058	0.0529	0.0263	0.2224	0.024	0.1736	0.0888	0.0529	1.44E-01	1.04E-02	1.77E-07	1.43E-03	4.90E-04	1.06E-03	1.57E-01	7.01E-02	1.04E-02	1.77E-07	6.96E-04	2.38E-04	5.17E-04	8.20E-02
2892	488662.63, 3858467.85	0.0989	0.0511	0.0261	0.3146	0.0241	0.2276	0.0816	0.0511	1.35E-01	1.01E-02	1.76E-07	2.02E-03	4.91E-04	1.39E-03	1.49E-01	6.55E-02	1.01E-02	1.76E-07	9.85E-04	2.39E-04	6.78E-04	7.75E-02
2893	488637.63, 3858492.85	0.104	0.0568	0.025	0.1677	0.0232	0.1386	0.0982	0.0568	1.42E-01	1.12E-02	1.68E-07	1.08E-03	4.72E-04	8.48E-04	1.55E-01	6.89E-02	1.12E-02	1.68E-07	5.25E-04	2.30E-04	4.13E-04	8.13E-02
2894	488662.63, 3858492.85	0.0989	0.0546	0.0249	0.2172	0.0233	0.1681	0.0895	0.0546	1.35E-01	1.08E-02	1.67E-07	1.40E-03	4.74E-04	1.03E-03	1.48E-01	6.55E-02	1.08E-02	1.67E-07	6.80E-04	2.31E-04	5.01E-04	7.77E-02
2895	488687.63, 3858492.85	0.0957	0.0526	0.0247	0.3047	0.0233	0.2194	0.0821	0.0526	1.30E-01	1.04E-02	1.66E-07	1.96E-03	4.76E-04	1.34E-03	1.44E-01	6.34E-02	1.04E-02	1.66E-07	9.54E-04	2.32E-04	6.53E-04	7.56E-02
2896	488637.63, 3858517.85	0.1068	0.0613	0.0238	0.1349	0.0223	0.1176	0.1099	0.0613	1.45E-01	1.21E-02	1.60E-07	8.68E-04	4.55E-04	7.20E-04	1.59E-01	7.07E-02	1.21E-02	1.60E-07	4.22E-04	2.21E-04	3.50E-04	8.38E-02
2897	488662.63, 3858517.85	0.1026	0.0587	0.0237	0.1651	0.0225	0.1351	0.099	0.0587	1.40E-01	1.16E-02	1.60E-07	1.06E-03	4.58E-04	8.27E-04	1.54E-01	6.80E-02	1.16E-02	1.60E-07	5.17E-04	2.23E-04	4.02E-04	8.07E-02
2898	488687.63, 3858517.85	0.1004	0.0564	0.0236	0.2123	0.0225	0.163	0.0902	0.0564	1.37E-01	1.11E-02	1.59E-07	1.37E-03	4.60E-04	9.97E-04	1.51E-01	6.65E-02	1.11E-02	1.59E-07	6.65E-04	2.24E-04	4.85E-04	7.90E-02
2899	488194.42, 3857168.98	0.0424	0.0139	0.0129	0.0491	1.6498	0.0379	0.0217	0.0139	5.77E-02	2.73E-03	8.68E-08	3.16E-04	3.36E-02	2.32E-04	9.47E-02	2.81E-02	2.73E-03	8.68E-08	1.54E-04	1.64E-02	1.13E-04	4.75E-02
2900	488244.42, 3857168.98	0.0413	0.0138	0.0129	0.0469	1.3656	0.0369	0.0209	0.0138	5.62E-02	2.71E-03	8.68E-08	3.02E-04	2.79E-02	2.26E-04	8.73E-02	2.73E-02	2.71E-03	8.68E-08	1.47E-04	1.36E-02	1.10E-04	4.39E-02
2901	488294.42, 3857168.98	0.0402	0.0136	0.0128	0.045	1.1677	0.0359	0.0202	0.0136	5.47E-02	2.69E-03	8.65E-08	2.89E-04	2.38E-02	2.20E-04	8.17E-02	2.66E-02	2.69E-03	8.65E-08	1.41E-04	1.16E-02	1.07E-04	4.12E-02
2902	488244.42, 3857218.98	0.0424	0.0141	0.0133	0.0496	1.5395	0.0388	0.0217	0.0141	5.77E-02	2.78E-03	8.94E-08	3.19E-04	3.14E-02	2.37E-04	9.24E-02	2.81E-02	2.78E-03	8.94E-08	1.55E-04	1.53E-02	1.16E-04	4.64E-02
2903	488294.42, 3857218.98	0.0412	0.014	0.0133	0.0474	1.2801	0.0377	0.0209	0.014	5.61E-02	2.76E-03	8.97E-08	3.05E-04	2.61E-02	2.30E-04	8.55E-02	2.73E-02	2.76E-03	8.97E-08	1.48E-04	1.27E-02	1.12E-04	4.30E-02
2904	488294.42, 3857268.98	0.0423	0.0144	0.0142	0.05	1.3488	0.0396	0.0217	0.0144	5.76E-02	2.84E-03	9.54E-08	3.22E-04	2.75E-02	2.42E-04	8.85E-02	2.80E-02	2.84E-03	9.54E-08	1.57E-04	1.34E-02	1.18E-04	4.46E-02
2905	488139.13, 3857111.68	0.0424	0.0136	0.012	0.0486	1.6411	0.0369	0.0216	0.0136	5.77E-02	2.68E-03	8.07E-08	3.12E-04	3.35E-02	2.26E-04	9.44E-02	2.81E-02	2.68E-03	8.07E-08	1.52E-04	1.63E-02	1.10E-04	4.73E-02
2906	488189.13, 3857111.68	0.0412	0.0135	0.0125	0.0464	1.3707	0.0359	0.0208	0.0135	5.61E-02	2.67E-03	8.38E-08	2.98E-04	2.80E-02	2.20E-04	8.73E-02	2.73E-02	2.67E-03	8.38E-08	1.45E-04	1.36E-02	1.07E-04	4.38E-02
2907	488189.13, 3857161.68	0.0424	0.0138	0.0128	0.049	1.6433	0.0377	0.0216	0.0138	5.77E-02	2.72E-03	8.64E-08	3.15E-04	3.35E-02	2.31E-04	9.44E-02	2.81E-02	2.72E-03	8.64E-08	1.53E-04	1.63E-02	1.12E-04	4.74E-02
2908	487951.04, 3856961.26	0.0435	0.0132	0.0103	0.0493	2.0013	0.0361	0.022	0.0132	5.92E-02	2.59E-03	6.91E-08	3.17E-04	4.08E-02	2.21E-04	1.03E-01	2.88E-02	2.59E-03	6.91E-08	1.54E-04	1.99E-02	1.07E-04	5.15E-02
2909	488001.04, 3856961.26	0.0423	0.013	0.0103	0.047	1.5962	0.0349	0.0213	0.013	5.76E-02	2.56E-03	6.96E-08	3.02E-04	3.26E-02	2.13E-04	9.32E-02	2.80E-02	2.56E-03	6.96E-08	1.47E-04	1.58E-02	1.04E-04	4.67E-02
2910	488051.04, 3856961.26	0.0413	0.0128	0.0104	0.0449	1.3253	0.0338	0.0206	0.0128	5.62E-02	2.53E-03	7.00E-08	2.89E-04	2.70E-02	2.07E-04	8.63E-02	2.74E-02	2.53E-03	7.00E-08	1.41E-04	1.32E-02	1.01E-04	4.33E-02

2911	488101.04, 3856961.26	0.0402	0.0128	0.0106	0.043	1.1196	0.0329	0.0199	0.0128	5.47E-02	2.52E-03	7.13E-08	2.77E-04	2.28E-02	2.01E-04	8.05E-02	2.66E-02	2.52E-03	7.13E-08	1.35E-04	1.11E-02	9.79E-05	4.05E-02
2912	487951.04, 3857011.26	0.0445	0.0135	0.0102	0.0522	2.2931	0.0379	0.0229	0.0135	6.06E-02	2.67E-03	6.88E-08	3.36E-04	4.68E-02	2.32E-04	1.11E-01	2.95E-02	2.67E-03	6.88E-08	1.64E-04	2.28E-02	1.13E-04	5.52E-02
2913	488001.04, 3857011.26	0.0434	0.0133	0.0103	0.0496	1.8665	0.0366	0.0221	0.0133	5.91E-02	2.62E-03	6.92E-08	3.19E-04	3.81E-02	2.24E-04	1.00E-01	2.87E-02	2.62E-03	6.92E-08	1.55E-04	1.85E-02	1.09E-04	5.02E-02
2914	488051.04, 3857011.26	0.0423	0.0131	0.0104	0.0473	1.5378	0.0353	0.0213	0.0131	5.76E-02	2.59E-03	7.00E-08	3.04E-04	3.14E-02	2.16E-04	9.20E-02	2.80E-02	2.59E-03	7.00E-08	1.48E-04	1.53E-02	1.05E-04	4.61E-02
2915	488101.04, 3857011.26	0.0411	0.0131	0.0107	0.0452	1.2888	0.0343	0.0206	0.0131	5.60E-02	2.58E-03	7.21E-08	2.91E-04	2.63E-02	2.10E-04	8.53E-02	2.72E-02	2.58E-03	7.21E-08	1.42E-04	1.28E-02	1.02E-04	4.29E-02
2916	488001.04, 3857061.26	0.0445	0.0137	0.0103	0.0526	2.2739	0.0385	0.023	0.0137	6.06E-02	2.69E-03	6.96E-08	3.38E-04	4.64E-02	2.36E-04	1.10E-01	2.95E-02	2.69E-03	6.96E-08	1.65E-04	2.26E-02	1.15E-04	5.51E-02
2917	488051.04, 3857061.26	0.0433	0.0135	0.0106	0.05	1.8457	0.0372	0.0221	0.0135	5.90E-02	2.67E-03	7.12E-08	3.21E-04	3.76E-02	2.27E-04	9.98E-02	2.87E-02	2.67E-03	7.12E-08	1.56E-04	1.83E-02	1.11E-04	5.00E-02
2918	488101.04, 3857061.26	0.0421	0.0134	0.011	0.0476	1.5264	0.036	0.0213	0.0134	5.74E-02	2.64E-03	7.42E-08	3.06E-04	3.11E-02	2.20E-04	9.17E-02	2.79E-02	2.64E-03	7.42E-08	1.49E-04	1.52E-02	1.07E-04	4.60E-02
2919	487638.98, 3856673.79	0.0449	0.0122	0.0119	0.0487	0.2908	0.0342	0.0222	0.0122	6.11E-02	2.40E-03	7.99E-08	3.14E-04	5.93E-03	2.09E-04	7.00E-02	2.97E-02	2.40E-03	7.99E-08	1.53E-04	2.89E-03	1.02E-04	3.53E-02
2920	487688.98, 3856673.79	0.0437	0.012	0.0117	0.0464	0.3097	0.033	0.0214	0.012	5.95E-02	2.37E-03	7.90E-08	2.99E-04	6.32E-03	2.02E-04	6.87E-02	2.90E-02	2.37E-03	7.90E-08	1.45E-04	3.07E-03	9.84E-05	3.47E-02
2921	487638.98, 3856723.79	0.0459	0.0125	0.0116	0.0517	0.4178	0.0358	0.0232	0.0125	6.25E-02	2.46E-03	7.81E-08	3.32E-04	8.52E-03	2.19E-04	7.41E-02	3.04E-02	2.46E-03	7.81E-08	1.62E-04	4.15E-03	1.07E-04	3.73E-02
2922	487688.98, 3856723.79	0.0447	0.0124	0.0115	0.049	0.4565	0.0346	0.0223	0.0124	6.09E-02	2.43E-03	7.73E-08	3.15E-04	9.31E-03	2.12E-04	7.31E-02	2.96E-02	2.43E-03	7.73E-08	1.54E-04	4.53E-03	1.03E-04	3.68E-02
2923	486324.61, 3855740.57	0.0545	0.0108	0.029	0.0613	0.0152	0.0369	0.0276	0.0108	7.42E-02	2.13E-03	1.96E-07	3.94E-04	3.10E-04	2.26E-04	7.72E-02	3.61E-02	2.13E-03	1.96E-07	1.92E-04	1.51E-04	1.10E-04	3.87E-02
2924	486374.61, 3855740.57	0.0533	0.0105	0.0278	0.0561	0.0152	0.0345	0.0258	0.0105	7.25E-02	2.06E-03	1.87E-07	3.61E-04	3.10E-04	2.11E-04	7.54E-02	3.53E-02	2.06E-03	1.87E-07	1.76E-04	1.51E-04	1.03E-04	3.78E-02
2925	486424.61, 3855740.57	0.0518	0.0103	0.027	0.0525	0.0153	0.0329	0.0245	0.0103	7.06E-02	2.02E-03	1.82E-07	3.38E-04	3.12E-04	2.01E-04	7.34E-02	3.43E-02	2.02E-03	1.82E-07	1.64E-04	1.52E-04	9.78E-05	3.68E-02
2926	486324.61, 3855790.57	0.0567	0.0111	0.0305	0.067	0.0161	0.0392	0.0291	0.0111	7.72E-02	2.18E-03	2.05E-07	4.31E-04	3.29E-04	2.40E-04	8.03E-02	3.76E-02	2.18E-03	2.05E-07	2.10E-04	1.60E-04	1.17E-04	4.02E-02
2927	486374.61, 3855790.57	0.0553	0.0107	0.0292	0.061	0.0162	0.0366	0.0271	0.0107	7.52E-02	2.11E-03	1.96E-07	3.93E-04	3.30E-04	2.24E-04	7.83E-02	3.66E-02	2.11E-03	1.96E-07	1.91E-04	1.61E-04	1.09E-04	3.92E-02
2928	486424.61, 3855790.57	0.0536	0.0106	0.0285	0.0572	0.0163	0.035	0.0259	0.0106	7.30E-02	2.08E-03	1.92E-07	3.68E-04	3.33E-04	2.14E-04	7.60E-02	3.55E-02	2.08E-03	1.92E-07	1.79E-04	1.62E-04	1.04E-04	3.80E-02
2929	486324.61, 3855840.57	0.0591	0.0113	0.0318	0.0738	0.0171	0.042	0.0308	0.0113	8.05E-02	2.23E-03	2.14E-07	4.75E-04	3.48E-04	2.57E-04	8.38E-02	3.92E-02	2.23E-03	2.14E-07	2.31E-04	1.69E-04	1.25E-04	4.19E-02
2930	486374.61, 3855840.57	0.0572	0.0111	0.0308	0.068	0.0173	0.0396	0.0291	0.0111	7.78E-02	2.19E-03	2.07E-07	4.37E-04	3.53E-04	2.42E-04	8.11E-02	3.79E-02	2.19E-03	2.07E-07	2.13E-04	1.72E-04	1.18E-04	4.06E-02
2931	486424.61, 3855840.57	0.0555	0.0109	0.0298	0.0627	0.0175	0.0374	0.0275	0.0109	7.56E-02	2.14E-03	2.00E-07	4.03E-04	3.57E-04	2.29E-04	7.87E-02	3.68E-02	2.14E-03	2.00E-07	1.96E-04	1.74E-04	1.11E-04	3.94E-02
2932	486324.61, 3855890.57	0.0615	0.0117	0.0333	0.0839	0.0182	0.046	0.0334	0.0117	8.37E-02	2.31E-03	2.24E-07	5.40E-04	3.71E-04	2.81E-04	8.72E-02	4.07E-02	2.31E-03	2.24E-07	2.63E-04	1.80E-04	1.37E-04	4.36E-02
2933	486374.61, 3855890.57	0.0594	0.0115	0.032	0.0763	0.0185	0.043	0.0313	0.0115	8.08E-02	2.26E-03	2.16E-07	4.90E-04	3.77E-04	2.63E-04	8.42E-02	3.93E-02	2.26E-03	2.16E-07	2.39E-04	1.84E-04	1.28E-04	4.22E-02
2934	486424.61, 3855890.57	0.0575	0.0112	0.0308	0.0696	0.0187	0.0403	0.0294	0.0112	7.83E-02	2.21E-03	2.07E-07	4.48E-04	3.82E-04	2.46E-04	8.16E-02	3.81E-02	2.21E-03	2.07E-07	2.18E-04	1.86E-04	1.20E-04	4.09E-02
2935	488735.69, 3858285.64	0.0911	0.0327	0.0351	0.1946	0.0317	0.1328	0.044	0.0327	1.24E-01	6.44E-03	2.36E-07	1.25E-03	6.47E-04	8.12E-04	1.33E-01	6.04E-02	6.44E-03	2.36E-07	6.09E-04	3.15E-04	3.95E-04	6.81E-02
2936	488765.69, 3858285.64	0.0843	0.0319	0.0343	0.174	0.0316	0.1222	0.0419	0.0319	1.15E-01	6.28E-03	2.31E-07	1.12E-03	6.44E-04	7.48E-04	1.24E-01	5.59E-02	6.28E-03	2.31E-07	5.45E-04	3.14E-04	3.64E-04	6.34E-02
2937	488735.69, 3858315.64	0.0875	0.0343	0.0335	0.2263	0.0301	0.147	0.0465	0.0343	1.19E-01	6.76E-03	2.25E-07	1.46E-03	6.14E-04	8.99E-04	1.29E-01	5.80E-02	6.76E-03	2.25E-07	7.08E-04	2.99E-04	4.38E-04	6.62E-02
2938	488765.69, 3858315.64	0.0818	0.0334	0.0328	0.1982	0.03	0.1333	0.0442	0.0334	1.11E-01	6.58E-03	2.21E-07	1.27E-03	6.11E-04	8.16E-04	1.21E-01	5.42E-02	6.58E-03	2.21E-07	6.20E-04	2.98E-04	3.97E-04	6.21E-02
2939	478676.63, 3849871.93	0.0079	0.039	0.0007	0.0012	0.0014	0.0013	0.0392	0.039	1.08E-02	7.68E-03	4.85E-09	7.98E-06	2.94E-05	8.02E-06	1.85E-02	5.26E-03	7.68E-03	4.85E-09	3.88E-06	1.43E-05	3.90E-06	1.30E-02
2940	479326.63, 3849871.93	0.006	0.0234	0.0007	0.0011	0.0015	0.0012	0.0235	0.0234	8.14E-03	4.60E-03	4.71E-09	7.20E-06	2.96E-05	7.46E-06	1.28E-02	3.96E-03	4.60E-03	4.71E-09	3.51E-06	1.44E-05	3.63E-06	8.59E-03
2941	479376.63, 3849871.93	0.0059	0.0227	0.0007	0.0011	0.0014	0.0012	0.0228	0.0227	8.01E-03	4.46E-03	4.71E-09	7.20E-06	2.94E-05	7.40E-06	1.25E-02	3.90E-03	4.46E-03	4.71E-09	3.51E-06	1.43E-05	3.60E-06	8.38E-03
2942	479426.63, 3849871.93	0.0058	0.0221	0.0007	0.0011	0.0014	0.0012	0.0222	0.0221	7.87E-03	4.35E-03	4.71E-09	7.20E-06	2.92E-05	7.40E-06	1.23E-02	3.83E-03	4.35E-03	4.71E-09	3.51E-06	1.42E-05	3.60E-06	8.21E-03
2943	478726.63, 3849921.93	0.0084	0.0411	0.0007	0.0013	0.0015	0.0013	0.0413	0.0411	1.14E-02	8.09E-03	4.92E-09	8.04E-06	2.96E-05	8.08E-06	1.95E-02	5.55E-03	8.09E-03	4.92E-09	3.91E-06	1.44E-05	3.93E-06	1.37E-02
2944	478776.63, 3849921.93	0.0081	0.0391	0.0007	0.0013	0.0015	0.0013	0.0393	0.0391	1.10E-02	7.70E-03	4.92E-09	8.04E-06	2.98E-05	8.14E-06	1.88E-02	5.36E-03	7.70E-03	4.92E-09	3.91E-06	1.45E-05	3.96E-06	1.31E-02
2945	478826.63, 3849921.93	0.0079	0.0373	0.0007	0.0012	0.0015	0.0013	0.0374	0.0373	1.07E-02	7.34E-03	4.92E-09	7.98E-06	3.00E-05	8.14E-06	1.81E-02	5.20E-03	7.34E-03	4.92E-09	3.88E-06	1.46E-05	3.96E-06	1.26E-02
2946	478976.63, 3849921.93	0.0073	0.0327	0.0007	0.0012	0.0015	0.0013	0.0328	0.0327	9.90E-03	6.44E-03	4.85E-09	7.85E-06	3.02E-05	8.08E-06	1.64E-02	4.82E-03	6.44E-03	4.85E-09	3.82E-06	1.47E-05	3.93E-06	1.13E-02
2947	479026.63, 3849921.93	0.0071	0.0315	0.0007	0.0012	0.0015	0.0013	0.0316	0.0315	9.64E-03	6.21E-03	4.85E-09	7.78E-06	3.04E-05	8.08E-06	1.59E-02	4.69E-03	6.21E-03	4.85E-09	3.79E-06	1.48E-05	3.93E-06	1.09E-02
2948	479076.63, 3849921.93	0.0069	0.0304	0.0007	0.0012	0.0015	0.0013	0.0305	0.0304	9.43E-03	5.98E-03	4.85E-09	7.72E-06	3.04E-05	8.02E-06	1.55E-02	4.59E-03	5.98E-03	4.85E-09	3.76E-06	1.48E-05	3.90E-06	1.06E-02
2949	479126.63, 3849921.93	0.0068	0.0292	0.0007	0.0012	0.0015	0.0013	0.0293	0.0292	9.24E-03	5.75E-03	4.85E-09	7.65E-06	3.04E-05	7.95E-06	1.50E-02	4.50E-03	5.75E-03	4.85E-09	3.73E-06	1.48E-05	3.87E-06	1.03E-02
2950	479176.63, 3849921.93	0.0066	0.0282	0.0007	0.0012	0.0015	0.0013	0.0283	0.0282	9.04E-03	5.56E-03	4.85E-09	7.59E-06	3.04E-05	7.89E-06	1.46E-02	4.40E-03	5.56E-03	4.85E-09	3.69E-06	1.48E-05	3.84E-06	9.98E-03
2951	479226.63, 3849921.93	0.0065	0.0271	0.0007	0.0012	0.0015	0.0013	0.0272	0.0271	8.90E-03	5.33E-03	4.78E-09	7.53E-06	3.02E-05	7.77E-06	1.43E-02	4.33E-03	5.33E-03	4.78E-09	3.66E-06	1.47E-05	3.78E-06	9.69E-03
2952	479276.63, 3849921.93	0.0065	0.0257	0.0007	0.0012	0.0015	0.0013	0.0257	0.0257	8.81E-03	5.06E-03	4.78E-09	7.40E-06	3.02E-05	7.65E-06	1.39E-02	4.29E-03	5.06E-03	4.78E-09	3.60E-06	1.47E-05	3.72E-06	9.36E-03
2953	479326.63, 3849921.93	0.0063	0.0254	0.0007	0.0012	0.0015	0.0013	0.0255	0.0254	8.56E-03	5.00E-03	4.78E-09	7.40E-06	3.00E-05	7.71E-06	1.36E-02	4.17E-03	5.00E-03	4.78E-09	3.60E-06	1.46E-05	3.75E-06	9.19E-03
2954	479376.63, 3849921.93	0.0062	0.0241	0.0007	0.0011	0.0015	0.0012	0.0242	0.0241	8.48E-03	4.75E-03	4.78E-09	7.33E-06	2.98E-05	7.59E-06	1.33E-02	4.13E-03	4.75E-03	4.78E-09	3.57E-06	1.45E-05	3.69E-06	8.90E-03
2955	479426.63, 3849921.93	0.0061	0.0237	0.0007	0.0011	0.0015	0.0012	0.0238	0.0237	8.29E-03	4.67E-03	4.78E-09	7.33E-06	2.96E-05	7.59E-06	1.30E-02	4.04E-03	4.67E-03	4.78E-09	3.57E-06	1.44E-05	3.69E-06	8.72E-03
2956	478726.63, 3849971.93	0.0092	0.0458	0.0007	0.0013	0.0015	0.0013	0.046	0.0458	1.25E-02	9.02E-03	4.98E-09	8.10E-06	2.96E-05	8.14E-06	2.16E-02	6.10E-03	9.02E-03	4.98E-09	3.95E-06	1.44E-05	3.96E-06	1.51E-02
2957	478776.63, 3849971.93	0.0089	0.0433	0.0007	0.0013	0.0015	0.0013	0.0435	0.0433	1.21E-02	8.54E-03	4.98E-09	8.10E-06	2.98E-05	8.20E-06	2.06E-02	5.87E-03	8.54E-03	4.98E-09	3.95E-06	1.45E-05	3.99E-06	1.44E-02
2958	478826.63, 3849971.93	0.0086	0.0411	0.0007	0.0013	0.0015	0.0013	0.0413	0.0411	1.17E-02	8.10E-03	4.98E-09	8.10E-06	3.00E-05	8.20E-06	1.98E-02	5.67E-03	8.10E-03	4.98E-09	3.95E-06	1.46E-05	3.99E-06	1.38E-02
2959	478976.63, 3849971.93	0.0078	0.0358	0.0007	0.0012	0.0015	0.0014	0.0359	0.0358	1.06E-02	7.04E-03	4.92E-09	7.98E-06	3.04E-05	8.26E-06	1.77E-02	5.18E-03	7.04E-03	4.92E-09	3.88E-06	1.48E-05	4.02E-06	1.22E-02
2960	479026.63, 3849971.93	0.0076	0.0342	0.0007	0.0012	0.0015	0.0013	0.0343	0.0342	1.04E-02	6.74E-03	4.92E-09	7.91E-06	3.04E-05	8.20E-06	1.72E-02	5.06E-03	6.74E-03	4.92E-09	3.85E-06	1.48E-05	3.99E-06	1.18E-02
2961	479076.63, 3849971.93	0.0075	0.0328	0.0007	0.0012	0.0015	0.0013	0.0329	0.0328	1.02E-02	6.46E-03	4.92E-09	7.85E-06	3.06E-05	8.14E-06	1.67E-02	4.94E-03	6.46E-03	4.92E-09	3.82E-06	1.49E-05	3.96E-06	1.14E-02
2962	479126.63, 3849971.93	0.0073	0.0315	0.0007	0.0012	0.0015	0.0013	0.0316	0.0315	9.91E-03	6.21E-03	4.92E-09	7.78E-06	3.06E-05	8.08E-06	1.62E-02	4.82E-03	6.21E-03	4.92E-09	3.79E-06	1.49E-05	3.93E-06	1.11E-02
2963	479176.63, 3849971.93	0.0071	0.0303	0.0007	0.0012	0.0015	0.0013	0.0304	0.0303	9.68E-03	5.98E-03	4.92E-09	7.72E-06	3.06E-05	8.02E-06	1.57E-02	4.71E-03	5.98E-03	4.92E-09	3.76E-06	1.49E-05	3.90E-06	1.07E-02
2964	479226.63, 3849971.93	0.0071	0.0285	0.0007	0.0012	0.0015	0.0013	0.0286	0.0285	9.61E-03	5.62E-03	4.85E-09	7.59E-06	3.06E-05	7.83E-06	1.53E-02	4.68E-03	5.62E-03	4.85E-09	3.69E-06	1.49E-05	3.81E-06	1.03E-02
2965	479276.63, 3849971.93	0.0068	0.028	0.0007	0.0012	0.0015	0.0013	0.0281	0.028	9.31E-03	5.51E-03	4.85E-09	7.59E-06	3.04E-05	7.89E-06	1.49E-02	4.53E-03	5.51E-03	4.85E-09	3.69E-06	1.48E-05	3.84E-06	1.01E-02
2966	479326.63, 3849971.93	0.0067	0.0273	0.0007	0.0012	0.0015	0.0013	0.0274	0.0273	9.05E-03	5.38E-03	4.85E-09	7.59E-06	3.04E-05	7.89E-06	1.45E-02	4.41E-03	5.38E-03	4.85E-09	3.69E-06	1.48E-05	3.84E-06	9.81E-03
2967	479376.63, 3849971.93	0.0066	0.026	0.0007	0.0012	0.0015	0.0013	0.0261	0.026	8.99E-03	5.12E-03	4.85E-09	7.46E-06	3.02E-05	7.71E-06	1.41E-02	4.37E-03	5.12E-03	4.85E-09	3.63E-06	1.47E-05	3.75E-06	9.51E-03
2968	479426.63, 3849971.93	0.0065	0.0253	0.0007	0.0012	0.0015	0.0013	0.0253	0.0253	8.81E-03	4.97E-03	4.85E-09	7.46E-06	3.00E-05	7.71E-06	1.38E-02	4.29E-03	4.97E-03	4.85E-09	3.63E-06	1.46E-05	3.75E-06	9.28E-03
2969	478726.63, 3850021.93	0.0103	0.0518	0.0008	0.0013	0.0015	0.0013	0.0519	0.0518	1.40E-02	1.02E-02	5.05E-09	8.17E-06	2.96E-05	8.14E-06	2.42E-02	6.81E-03	1.02E-02	5.05E-09	3.98E-06	1.44E-05	3.96E-06	1.70E-02
2970	478776.63, 3850021.93	0.0098	0.0486	0.0008	0.0013	0.0015	0.0013	0.0488	0.0486	1.34E-02	9.58E-03	5.05E-09	8.17E-06	2.98E-05	8.20E-06	2.30E-02	6.52E-03	9.58E-03	5.05E-09	3.98E-06	1.45E-05	3.99E-06	1.61E-02
2971	478826.63, 3850021.93	0.0095	0.0459	0.0008	0.0013	0.0015	0.0014	0.046	0.0459	1.29E-02	9.03E-03	5.05E-09	8.17E-06	3.00E-05	8.26E-06	2.20E-02	6.27E-03	9.03E-03	5.05E-09	3.98E-06	1.46E-05	4.02E-06	1.53E-02
2972	478976.63, 3850021.93	0.0085	0.0392	0.0007	0.0013	0.0015	0.0014	0.0393	0.0392	1.16E-02	7.73E-03	4.98E-09	8.10E-06	3.04E-05	8.32E-06	1.94E-02	5.65E-03	7.73E-03	4.98E-09	3.95E-06	1.48E-05	4.05E-06	1.34E-02

2973	478726.63, 3850071.93	0.0117	0.0597	0.0008	0.0013	0.0015	0.0013	0.0597	0.0597	1.59E-02	1.18E-02	5.12E-09	8.23E-06	2.96E-05	8.20E-06	2.77E-02	7.74E-03	1.18E-02	5.12E-09	4.01E-06	1.44E-05	3.99E-06	1.95E-02
2974	478776.63, 3850071.93	0.0111	0.0555	0.0008	0.0013	0.0015	0.0014	0.0556	0.0555	1.51E-02	1.09E-02	5.12E-09	8.30E-06	2.98E-05	8.26E-06	2.61E-02	7.36E-03	1.09E-02	5.12E-09	4.04E-06	1.45E-05	4.02E-06	1.83E-02
2975	478826.63, 3850071.93	0.0106	0.0519	0.0008	0.0013	0.0015	0.0014	0.052	0.0519	1.45E-02	1.02E-02	5.12E-09	8.30E-06	3.00E-05	8.32E-06	2.47E-02	7.04E-03	1.02E-02	5.12E-09	4.04E-06	1.46E-05	4.05E-06	1.73E-02
2976	478876.63, 3850071.93	0.0102	0.0487	0.0008	0.0013	0.0015	0.0014	0.0488	0.0487	1.39E-02	9.60E-03	5.05E-09	8.30E-06	3.02E-05	8.38E-06	2.35E-02	6.75E-03	9.60E-03	5.05E-09	4.04E-06	1.47E-05	4.08E-06	1.64E-02
2977	478976.63, 3850071.93	0.0094	0.0435	0.0008	0.0013	0.0015	0.0014	0.0436	0.0435	1.29E-02	8.56E-03	5.05E-09	8.23E-06	3.04E-05	8.44E-06	2.15E-02	6.26E-03	8.56E-03	5.05E-09	4.01E-06	1.48E-05	4.11E-06	1.48E-02
2978	478726.63, 3850121.93	0.0137	0.0705	0.0008	0.0013	0.0015	0.0013	0.0705	0.0705	1.86E-02	1.39E-02	5.19E-09	8.30E-06	2.96E-05	8.20E-06	3.25E-02	9.05E-03	1.39E-02	5.19E-09	4.04E-06	1.44E-05	3.99E-06	2.30E-02
2979	478776.63, 3850121.93	0.0129	0.0647	0.0008	0.0013	0.0015	0.0014	0.0647	0.0647	1.75E-02	1.27E-02	5.19E-09	8.36E-06	2.98E-05	8.26E-06	3.03E-02	8.52E-03	1.27E-02	5.19E-09	4.07E-06	1.45E-05	4.02E-06	2.13E-02
2980	478826.63, 3850121.93	0.0122	0.0598	0.0008	0.0013	0.0015	0.0014	0.0598	0.0598	1.66E-02	1.18E-02	5.19E-09	8.36E-06	3.00E-05	8.32E-06	2.84E-02	8.07E-03	1.18E-02	5.19E-09	4.07E-06	1.46E-05	4.05E-06	1.99E-02
2981	478876.63, 3850121.93	0.0116	0.0556	0.0008	0.0013	0.0015	0.0014	0.0557	0.0556	1.58E-02	1.10E-02	5.12E-09	8.36E-06	3.02E-05	8.38E-06	2.68E-02	7.69E-03	1.10E-02	5.12E-09	4.07E-06	1.47E-05	4.08E-06	1.87E-02
2982	478976.63, 3850121.93	0.0106	0.0488	0.0008	0.0013	0.0015	0.0014	0.0489	0.0488	1.45E-02	9.62E-03	5.12E-09	8.36E-06	3.06E-05	8.50E-06	2.41E-02	7.04E-03	9.62E-03	5.12E-09	4.07E-06	1.49E-05	4.14E-06	1.67E-02
2983	479026.63, 3850121.93	0.0102	0.0461	0.0008	0.0013	0.0015	0.0014	0.0461	0.0461	1.39E-02	9.07E-03	5.12E-09	8.30E-06	3.06E-05	8.50E-06	2.30E-02	6.77E-03	9.07E-03	5.12E-09	4.04E-06	1.49E-05	4.14E-06	1.59E-02
2984	479076.63, 3850121.93	0.0099	0.0435	0.0008	0.0013	0.0015	0.0014	0.0436	0.0435	1.34E-02	8.58E-03	5.12E-09	8.30E-06	3.08E-05	8.50E-06	2.21E-02	6.54E-03	8.58E-03	5.12E-09	4.04E-06	1.50E-05	4.14E-06	1.51E-02
2985	479126.63, 3850121.93	0.0095	0.0413	0.0008	0.0013	0.0015	0.0014	0.0413	0.0413	1.30E-02	8.13E-03	5.12E-09	8.23E-06	3.10E-05	8.50E-06	2.12E-02	6.32E-03	8.13E-03	5.12E-09	4.01E-06	1.51E-05	4.14E-06	1.45E-02
2986	478776.63, 3850171.93	0.0154	0.0778	0.0008	0.0013	0.0015	0.0014	0.0776	0.0778	2.10E-02	1.53E-02	5.25E-09	8.36E-06	2.98E-05	8.26E-06	3.63E-02	1.02E-02	1.53E-02	5.25E-09	4.07E-06	1.45E-05	4.02E-06	2.56E-02
2987	478826.63, 3850171.93	0.0144	0.0708	0.0008	0.0013	0.0015	0.0014	0.0707	0.0708	1.96E-02	1.39E-02	5.25E-09	8.43E-06	3.00E-05	8.38E-06	3.36E-02	9.53E-03	1.39E-02	5.25E-09	4.10E-06	1.46E-05	4.08E-06	2.35E-02
2988	478876.63, 3850171.93	0.0135	0.0649	0.0008	0.0013	0.0015	0.0014	0.0649	0.0649	1.84E-02	1.28E-02	5.19E-09	8.43E-06	3.02E-05	8.44E-06	3.13E-02	8.97E-03	1.28E-02	5.19E-09	4.10E-06	1.47E-05	4.11E-06	2.18E-02
2989	478976.63, 3850171.93	0.0122	0.0558	0.0008	0.0013	0.0015	0.0014	0.0558	0.0558	1.66E-02	1.10E-02	5.19E-09	8.43E-06	3.06E-05	8.57E-06	2.76E-02	8.06E-03	1.10E-02	5.19E-09	4.10E-06	1.49E-05	4.17E-06	1.91E-02
2990	479026.63, 3850171.93	0.0116	0.0521	0.0008	0.0013	0.0015	0.0014	0.0522	0.0521	1.58E-02	1.03E-02	5.19E-09	8.43E-06	3.06E-05	8.63E-06	2.61E-02	7.70E-03	1.03E-02	5.19E-09	4.10E-06	1.49E-05	4.20E-06	1.80E-02
2991	479076.63, 3850171.93	0.0112	0.049	0.0008	0.0013	0.0015	0.0014	0.049	0.049	1.52E-02	9.65E-03	5.19E-09	8.43E-06	3.08E-05	8.63E-06	2.49E-02	7.40E-03	9.65E-03	5.19E-09	4.10E-06	1.50E-05	4.20E-06	1.71E-02
2992	479126.63, 3850171.93	0.0107	0.0462	0.0008	0.0013	0.0015	0.0014	0.0462	0.0462	1.46E-02	9.09E-03	5.19E-09	8.36E-06	3.10E-05	8.63E-06	2.37E-02	7.11E-03	9.09E-03	5.19E-09	4.07E-06	1.51E-05	4.20E-06	1.62E-02
2993	479176.63, 3850171.93	0.0103	0.0437	0.0008	0.0013	0.0015	0.0014	0.0437	0.0437	1.40E-02	8.60E-03	5.12E-09	8.36E-06	3.12E-05	8.63E-06	2.27E-02	6.83E-03	8.60E-03	5.12E-09	4.07E-06	1.52E-05	4.20E-06	1.55E-02
2994	479226.63, 3850171.93	0.0099	0.0415	0.0008	0.0013	0.0015	0.0014	0.0416	0.0415	1.35E-02	8.18E-03	5.12E-09	8.30E-06	3.12E-05	8.63E-06	2.17E-02	6.55E-03	8.18E-03	5.12E-09	4.04E-06	1.52E-05	4.20E-06	1.48E-02
2995	479276.63, 3850171.93	0.0095	0.0396	0.0008	0.0013	0.0015	0.0014	0.0396	0.0396	1.30E-02	7.80E-03	5.12E-09	8.30E-06	3.12E-05	8.57E-06	2.08E-02	6.31E-03	7.80E-03	5.12E-09	4.04E-06	1.52E-05	4.17E-06	1.41E-02
2996	479326.63, 3850171.93	0.0093	0.0378	0.0008	0.0013	0.0015	0.0014	0.0378	0.0378	1.26E-02	7.44E-03	5.12E-09	8.23E-06	3.14E-05	8.50E-06	2.01E-02	6.13E-03	7.44E-03	5.12E-09	4.01E-06	1.53E-05	4.14E-06	1.36E-02
2997	479376.63, 3850171.93	0.009	0.0361	0.0008	0.0013	0.0015	0.0014	0.0361	0.0361	1.23E-02	7.11E-03	5.12E-09	8.17E-06	3.14E-05	8.44E-06	1.94E-02	5.97E-03	7.11E-03	5.12E-09	3.98E-06	1.53E-05	4.11E-06	1.31E-02
2998	478676.63, 3850221.93	0.0248	0.1318	0.0008	0.0013	0.0014	0.0013	0.1304	0.1318	3.37E-02	2.60E-02	5.39E-09	8.30E-06	2.94E-05	8.08E-06	5.97E-02	1.64E-02	2.60E-02	5.39E-09	4.04E-06	1.43E-05	3.93E-06	4.24E-02
2999	478726.63, 3850221.93	0.0216	0.1123	0.0008	0.0013	0.0015	0.0013	0.1114	0.1123	2.93E-02	2.21E-02	5.39E-09	8.36E-06	2.96E-05	8.20E-06	5.15E-02	1.43E-02	2.21E-02	5.39E-09	4.07E-06	1.44E-05	3.99E-06	3.64E-02
3000	478976.63, 3850221.93	0.0142	0.0651	0.0008	0.0013	0.0015	0.0014	0.065	0.0651	1.94E-02	1.28E-02	5.25E-09	8.56E-06	3.06E-05	8.63E-06	3.23E-02	9.44E-03	1.28E-02	5.25E-09	4.16E-06	1.49E-05	4.20E-06	2.23E-02
3001	479026.63, 3850221.93	0.0135	0.0602	0.0008	0.0013	0.0015	0.0014	0.0601	0.0602	1.84E-02	1.18E-02	5.25E-09	8.56E-06	3.08E-05	8.69E-06	3.03E-02	8.93E-03	1.18E-02	5.25E-09	4.16E-06	1.50E-05	4.23E-06	2.08E-02
3002	479076.63, 3850221.93	0.0129	0.0559	0.0008	0.0013	0.0015	0.0014	0.0559	0.0559	1.75E-02	1.10E-02	5.25E-09	8.49E-06	3.08E-05	8.69E-06	2.86E-02	8.52E-03	1.10E-02	5.25E-09	4.13E-06	1.50E-05	4.23E-06	1.96E-02
3003	479126.63, 3850221.93	0.0123	0.0523	0.0008	0.0013	0.0015	0.0014	0.0523	0.0523	1.67E-02	1.03E-02	5.25E-09	8.49E-06	3.10E-05	8.75E-06	2.71E-02	8.14E-03	1.03E-02	5.25E-09	4.13E-06	1.51E-05	4.26E-06	1.85E-02
3004	479176.63, 3850221.93	0.0117	0.0491	0.0008	0.0013	0.0015	0.0014	0.0491	0.0491	1.60E-02	9.68E-03	5.19E-09	8.49E-06	3.12E-05	8.75E-06	2.57E-02	7.77E-03	9.68E-03	5.19E-09	4.13E-06	1.52E-05	4.26E-06	1.75E-02
3005	479226.63, 3850221.93	0.0112	0.0463	0.0008	0.0013	0.0015	0.0014	0.0463	0.0463	1.53E-02	9.13E-03	5.19E-09	8.43E-06	3.12E-05	8.75E-06	2.44E-02	7.43E-03	9.13E-03	5.19E-09	4.10E-06	1.52E-05	4.26E-06	1.66E-02
3006	479276.63, 3850221.93	0.0108	0.0439	0.0008	0.0013	0.0015	0.0014	0.0439	0.0439	1.47E-02	8.64E-03	5.19E-09	8.43E-06	3.14E-05	8.69E-06	2.34E-02	7.14E-03	8.64E-03	5.19E-09	4.10E-06	1.53E-05	4.23E-06	1.58E-02
3007	479326.63, 3850221.93	0.0104	0.0417	0.0008	0.0013	0.0015	0.0014	0.0417	0.0417	1.42E-02	8.21E-03	5.19E-09	8.36E-06	3.14E-05	8.69E-06	2.25E-02	6.92E-03	8.21E-03	5.19E-09	4.07E-06	1.53E-05	4.23E-06	1.51E-02
3008	479376.63, 3850221.93	0.0101	0.0397	0.0008	0.0013	0.0016	0.0014	0.0397	0.0397	1.38E-02	7.81E-03	5.19E-09	8.30E-06	3.16E-05	8.63E-06	2.17E-02	6.72E-03	7.81E-03	5.19E-09	4.04E-06	1.54E-05	4.20E-06	1.46E-02
3009	478676.63, 3850271.93	0.0386	0.2021	0.0008	0.0013	0.0014	0.0013	0.198	0.2021	5.25E-02	3.98E-02	5.45E-09	8.30E-06	2.94E-05	8.08E-06	9.23E-02	2.56E-02	3.98E-02	5.45E-09	4.04E-06	1.43E-05	3.93E-06	6.54E-02
3010	478726.63, 3850271.93	0.031	0.1603	0.0008	0.0013	0.0015	0.0013	0.1579	0.1603	4.22E-02	3.16E-02	5.45E-09	8.36E-06	2.96E-05	8.20E-06	7.39E-02	2.06E-02	3.16E-02	5.45E-09	4.07E-06	1.44E-05	3.99E-06	5.22E-02
3011	478976.63, 3850271.93	0.0171	0.0785	0.0008	0.0013	0.0015	0.0014	0.0781	0.0785	2.33E-02	1.55E-02	5.32E-09	8.62E-06	3.06E-05	8.63E-06	3.88E-02	1.14E-02	1.55E-02	5.32E-09	4.20E-06	1.49E-05	4.20E-06	2.68E-02
3012	479026.63, 3850271.93	0.0161	0.0713	0.0008	0.0013	0.0015	0.0014	0.071	0.0713	2.19E-02	1.40E-02	5.32E-09	8.62E-06	3.08E-05	8.75E-06	3.60E-02	1.06E-02	1.40E-02	5.32E-09	4.20E-06	1.50E-05	4.26E-06	2.47E-02
3013	479076.63, 3850271.93	0.0152	0.0653	0.0008	0.0013	0.0015	0.0014	0.0652	0.0653	2.07E-02	1.29E-02	5.32E-09	8.62E-06	3.10E-05	8.75E-06	3.36E-02	1.01E-02	1.29E-02	5.32E-09	4.20E-06	1.51E-05	4.26E-06	2.30E-02
3014	479126.63, 3850271.93	0.0144	0.0604	0.0008	0.0013	0.0015	0.0014	0.0603	0.0604	1.96E-02	1.19E-02	5.32E-09	8.62E-06	3.10E-05	8.81E-06	3.16E-02	9.56E-03	1.19E-02	5.32E-09	4.20E-06	1.51E-05	4.29E-06	2.15E-02
3015	479176.63, 3850271.93	0.0137	0.0561	0.0008	0.0013	0.0015	0.0014	0.056	0.0561	1.86E-02	1.11E-02	5.32E-09	8.62E-06	3.12E-05	8.81E-06	2.97E-02	9.07E-03	1.11E-02	5.32E-09	4.20E-06	1.52E-05	4.29E-06	2.01E-02
3016	479226.63, 3850271.93	0.013	0.0524	0.0008	0.0013	0.0015	0.0015	0.0524	0.0524	1.77E-02	1.03E-02	5.25E-09	8.56E-06	3.14E-05	8.87E-06	2.81E-02	8.63E-03	1.03E-02	5.25E-09	4.16E-06	1.53E-05	4.32E-06	1.90E-02
3017	479276.63, 3850271.93	0.0125	0.0493	0.0008	0.0013	0.0015	0.0014	0.0492	0.0493	1.70E-02	9.70E-03	5.25E-09	8.56E-06	3.14E-05	8.81E-06	2.68E-02	8.29E-03	9.70E-03	5.25E-09	4.16E-06	1.53E-05	4.29E-06	1.80E-02
3018	479326.63, 3850271.93	0.0121	0.0465	0.0008	0.0013	0.0016	0.0014	0.0465	0.0465	1.65E-02	9.16E-03	5.25E-09	8.49E-06	3.16E-05	8.81E-06	2.57E-02	8.02E-03	9.16E-03	5.25E-09	4.13E-06	1.54E-05	4.29E-06	1.72E-02
3019	479376.63, 3850271.93	0.0118	0.0439	0.0008	0.0013	0.0016	0.0014	0.0439	0.0439	1.60E-02	8.66E-03	5.25E-09	8.43E-06	3.16E-05	8.75E-06	2.47E-02	7.79E-03	8.66E-03	5.25E-09	4.10E-06	1.54E-05	4.26E-06	1.65E-02
3020	479053.24, 3850293.52	0.017	0.0736	0.0008	0.0013	0.0015	0.0014	0.0733	0.0736	2.31E-02	1.45E-02	5.32E-09	8.62E-06	3.08E-05	8.75E-06	3.76E-02	1.12E-02	1.45E-02	5.32E-09	4.20E-06	1.50E-05	4.26E-06	2.58E-02
3021	479103.24, 3850293.52	0.0161	0.0673	0.0008	0.0014	0.0015	0.0014	0.0671	0.0673	2.19E-02	1.33E-02	5.32E-09	8.68E-06	3.10E-05	8.81E-06	3.52E-02	1.06E-02	1.33E-02	5.32E-09	4.23E-06	1.51E-05	4.29E-06	2.39E-02
3022	479153.24, 3850293.52	0.0152	0.062	0.0008	0.0013	0.0015	0.0015	0.0619	0.062	2.07E-02	1.22E-02	5.32E-09	8.62E-06	3.12E-05	8.87E-06	3.29E-02	1.01E-02	1.22E-02	5.32E-09	4.20E-06	1.52E-05	4.32E-06	2.23E-02
3023	479203.24, 3850293.52	0.0144	0.0575	0.0008	0.0013	0.0015	0.0015	0.0574	0.0575	1.96E-02	1.13E-02	5.32E-09	8.62E-06	3.14E-05	8.87E-06	3.10E-02	9.54E-03	1.13E-02	5.32E-09	4.20E-06	1.53E-05	4.32E-06	2.09E-02
3024	479253.24, 3850293.52	0.0138	0.0537	0.0008	0.0013	0.0015	0.0015	0.0536	0.0537	1.87E-02	1.06E-02	5.32E-09	8.62E-06	3.14E-05	8.87E-06	2.94E-02	9.12E-03	1.06E-02	5.32E-09	4.20E-06	1.53E-05	4.32E-06	1.97E-02
3025	479303.24, 3850293.52	0.0133	0.0504	0.0008	0.0013	0.0016	0.0015	0.0503	0.0504	1.81E-02	9.92E-03	5.32E-09	8.56E-06	3.16E-05	8.87E-06	2.80E-02	8.79E-03	9.92E-03	5.32E-09	4.16E-06	1.54E-05	4.32E-06	1.87E-02
3026	479353.24, 3850293.52	0.0129	0.0474	0.0008	0.0013	0.0016	0.0014	0.0474	0.0474	1.75E-02	9.34E-03	5.25E-09	8.49E-06	3.16E-05	8.81E-06	2.69E-02	8.52E-03	9.34E-03	5.25E-09	4.13E-06	1.54E-05	4.29E-06	1.79E-02
3027	479153.24, 3850343.52	0.0192	0.0739	0.0008	0.0014	0.0015	0.0015	0.0736	0.0739	2.61E-02	1.46E-02	5.39E-09	8.75E-06	3.12E-05	8.93E-06	4.07E-02	1.27E-02	1.46E-02	5.39E-09	4.26E-06	1.52E-05	4.35E-06	2.73E-02
3028	479203.24, 3850343.52	0.0181	0.0676	0.0008	0.0014	0.0015	0.0015	0.0673	0.0676	2.47E-02	1.33E-02	5.39E-09	8.75E-06	3.14E-05	8.99E-06	3.80E-02	1.20E-02	1.33E-02	5.39E-09	4.26E-06	1.53E-05	4.38E-06	2.53E-02
3029	479253.24, 3850343.52	0.0173	0.0623	0.0008	0.0014	0.0015	0.0015	0.0621	0.0623	2.36E-02	1.23E-02	5.39E-09	8.75E-06	3.14E-05	8.99E-06	3.59E-02	1.15E-02	1.23E-02	5.39E-09	4.26E-06	1.53E-05	4.38E-06	2.38E-02
3030	479303.24, 3850343.52	0.0166	0.0578	0.0008	0.0014	0.0016	0.0015	0.0577	0.0578	2.26E-02	1.14E-02	5.39E-09	8.68E-06	3.16E-05	8.99E-06	3.41E-02	1.10E-02	1.14E-02	5.39E-09	4.23E-06	1.54E-05	4.38E-06	2.24E-02
3031	479353.24, 3850343.52	0.016	0.0539	0.0008	0.0013	0.0016	0.0015	0.0538	0.0539	2.17E-02	1.06E-02	5.32E-09	8.62E-06	3.18E-05	8.93E-06	3.24E-02	1.06E-02	1.06E-02	5.32E-09	4.20E-06	1.55E-05	4.35E-06	2.12E-02
3032	479203.24, 3850393.52	0.0275	0.0822	0.0008	0.0014	0.0015	0.0015	0.0817	0.0822	3.74E-02	1.62E-02	5.45E-09	8.81E-06	3.14E-05	9.06E-06	5.37E-02	1.82E-02	1.62E-02	5.45E-09	4.29E-06	1.53E-05	4.41E-06	3.44E-02
3033	479253.24, 3850393.52	0.0252	0.0745	0.0008	0.0014	0.0016	0.0015	0.0741	0.0745	3.43E-02	1.47E-02	5.45E-09	8.81E-06	3.16E-05	9.06E-06	4.90E-02	1.67E-02	1.47E-02	5.45E-09	4.29E-06	1.54E-05	4.41E-06	3.14E-02
3034	479303.24, 3850393.52	0.0231	0.0681	0.0008	0.0014	0.0016	0.0015	0.0678	0.0681	3.15E-02	1.34E-02	5.45E-09	8.81E-06	3.16E-05	9.06E-06	4.50E-02	1.53E-02	1.34E-02	5.45E-09	4.29E-06	1.54E-05	4.41E-06	2.88E-02

3035	479353.24, 3850393.52	0.0214	0.0627	0.0008	0.0014	0.0016	0.0015	0.0625	0.0627	2.91E-02	1.24E-02	5.39E-09	8.75E-06	3.18E-05	9.06E-06	4.16E-02	1.42E-02	1.24E-02	5.39E-09	4.26E-06	1.55E-05	4.41E-06	2.66E-02
3036	479403.24, 3850393.52	0.02	0.0581	0.0008	0.0014	0.0016	0.0015	0.0579	0.0581	2.72E-02	1.14E-02	5.39E-09	8.75E-06	3.20E-05	9.06E-06	3.87E-02	1.32E-02	1.14E-02	5.39E-09	4.26E-06	1.56E-05	4.41E-06	2.47E-02
3037	479453.24, 3850393.52	0.0187	0.054	0.0008	0.0014	0.0016	0.0015	0.0538	0.054	2.55E-02	1.06E-02	5.39E-09	8.68E-06	3.22E-05	8.99E-06	3.62E-02	1.24E-02	1.06E-02	5.39E-09	4.23E-06	1.57E-05	4.38E-06	2.31E-02
3038	479503.24, 3850393.52	0.0177	0.0503	0.0008	0.0013	0.0016	0.0015	0.0502	0.0503	2.41E-02	9.91E-03	5.39E-09	8.62E-06	3.22E-05	8.87E-06	3.40E-02	1.17E-02	9.91E-03	5.39E-09	4.20E-06	1.57E-05	4.32E-06	2.17E-02
3039	479303.24, 3850443.52	0.0371	0.0831	0.0008	0.0014	0.0016	0.0015	0.0825	0.0831	5.05E-02	1.64E-02	5.52E-09	8.88E-06	3.18E-05	9.18E-06	6.69E-02	2.46E-02	1.64E-02	5.52E-09	4.32E-06	1.55E-05	4.47E-06	4.10E-02
3040	479353.24, 3850443.52	0.0316	0.0751	0.0008	0.0014	0.0016	0.0015	0.0746	0.0751	4.30E-02	1.48E-02	5.45E-09	8.88E-06	3.20E-05	9.18E-06	5.79E-02	2.09E-02	1.48E-02	5.45E-09	4.32E-06	1.56E-05	4.47E-06	3.58E-02
3041	479403.24, 3850443.52	0.0277	0.0684	0.0008	0.0014	0.0016	0.0015	0.068	0.0684	3.78E-02	1.35E-02	5.45E-09	8.88E-06	3.22E-05	9.12E-06	5.13E-02	1.84E-02	1.35E-02	5.45E-09	4.32E-06	1.57E-05	4.44E-06	3.19E-02
3042	479453.24, 3850443.52	0.0249	0.0627	0.0008	0.0014	0.0016	0.0015	0.0624	0.0627	3.40E-02	1.24E-02	5.45E-09	8.81E-06	3.22E-05	9.12E-06	4.64E-02	1.65E-02	1.24E-02	5.45E-09	4.29E-06	1.57E-05	4.44E-06	2.89E-02
3043	479503.24, 3850443.52	0.0228	0.0577	0.0008	0.0014	0.0016	0.0015	0.0575	0.0577	3.10E-02	1.14E-02	5.45E-09	8.75E-06	3.24E-05	9.06E-06	4.25E-02	1.51E-02	1.14E-02	5.45E-09	4.26E-06	1.58E-05	4.41E-06	2.65E-02
3044	480327.18, 3850987.04	0.022	0.1013	0.0009	0.0015	0.0017	0.0016	0.1009	0.1013	3.00E-02	2.00E-02	6.26E-09	9.71E-06	3.53E-05	9.97E-06	5.00E-02	1.46E-02	2.00E-02	6.26E-09	4.73E-06	1.72E-05	4.85E-06	3.46E-02
3045	480377.18, 3850987.04	0.0198	0.0894	0.0009	0.0015	0.0017	0.0016	0.0892	0.0894	2.69E-02	1.76E-02	6.26E-09	9.71E-06	3.53E-05	9.97E-06	4.46E-02	1.31E-02	1.76E-02	6.26E-09	4.73E-06	1.72E-05	4.85E-06	3.07E-02
3046	480427.18, 3850987.04	0.018	0.0798	0.0009	0.0015	0.0017	0.0016	0.0798	0.0798	2.45E-02	1.57E-02	6.26E-09	9.65E-06	3.53E-05	9.91E-06	4.03E-02	1.19E-02	1.57E-02	6.26E-09	4.70E-06	1.72E-05	4.82E-06	2.77E-02
3047	480477.18, 3850987.04	0.0167	0.0718	0.0009	0.0015	0.0017	0.0016	0.0719	0.0718	2.27E-02	1.41E-02	6.33E-09	9.65E-06	3.51E-05	9.91E-06	3.69E-02	1.10E-02	1.41E-02	6.33E-09	4.70E-06	1.71E-05	4.82E-06	2.52E-02
3048	480327.18, 3851037.04	0.0294	0.139	0.0009	0.0015	0.0018	0.0017	0.1381	0.139	4.00E-02	2.74E-02	6.33E-09	9.91E-06	3.57E-05	1.02E-05	6.75E-02	1.95E-02	2.74E-02	6.33E-09	4.82E-06	1.74E-05	4.94E-06	4.69E-02
3049	480377.18, 3851037.04	0.0249	0.1177	0.0009	0.0015	0.0018	0.0017	0.1172	0.1177	3.38E-02	2.32E-02	6.33E-09	9.84E-06	3.57E-05	1.01E-05	5.71E-02	1.65E-02	2.32E-02	6.33E-09	4.79E-06	1.74E-05	4.91E-06	3.97E-02
3050	480427.18, 3851037.04	0.0217	0.1016	0.0009	0.0015	0.0018	0.0017	0.1015	0.1016	2.96E-02	2.00E-02	6.33E-09	9.84E-06	3.57E-05	1.01E-05	4.97E-02	1.44E-02	2.00E-02	6.33E-09	4.79E-06	1.74E-05	4.91E-06	3.45E-02
3051	480477.18, 3851037.04	0.0195	0.0893	0.001	0.0015	0.0017	0.0016	0.0893	0.0893	2.65E-02	1.76E-02	6.40E-09	9.78E-06	3.55E-05	1.00E-05	4.42E-02	1.29E-02	1.76E-02	6.40E-09	4.76E-06	1.73E-05	4.88E-06	3.05E-02
3052	480622.06, 3851087.39	0.0178	0.0804	0.001	0.0015	0.0018	0.0017	0.0807	0.0804	2.42E-02	1.58E-02	6.60E-09	9.91E-06	3.57E-05	1.02E-05	4.01E-02	1.18E-02	1.58E-02	6.60E-09	4.82E-06	1.74E-05	4.97E-06	2.76E-02
3053	480672.06, 3851087.39	0.0164	0.0724	0.001	0.0015	0.0017	0.0017	0.0728	0.0724	2.23E-02	1.43E-02	6.67E-09	9.91E-06	3.55E-05	1.03E-05	3.66E-02	1.08E-02	1.43E-02	6.67E-09	4.82E-06	1.73E-05	5.00E-06	2.51E-02
3054	480622.06, 3851137.39	0.0219	0.1034	0.001	0.0016	0.0018	0.0017	0.1038	0.1034	2.99E-02	2.04E-02	6.67E-09	1.00E-05	3.61E-05	1.03E-05	5.03E-02	1.45E-02	2.04E-02	6.67E-09	4.88E-06	1.76E-05	5.03E-06	3.49E-02
3055	480672.06, 3851137.39	0.0195	0.0905	0.001	0.0016	0.0018	0.0017	0.091	0.0905	2.66E-02	1.78E-02	6.73E-09	1.00E-05	3.61E-05	1.04E-05	4.45E-02	1.29E-02	1.78E-02	6.73E-09	4.88E-06	1.76E-05	5.06E-06	3.08E-02
3056	480722.06, 3851137.39	0.0177	0.0807	0.001	0.0016	0.0018	0.0017	0.0812	0.0807	2.41E-02	1.59E-02	6.80E-09	1.00E-05	3.59E-05	1.05E-05	4.01E-02	1.17E-02	1.59E-02	6.80E-09	4.88E-06	1.75E-05	5.09E-06	2.77E-02
3057	480622.06, 3851187.39	0.0305	0.1443	0.001	0.0016	0.0018	0.0017	0.1448	0.1443	4.15E-02	2.84E-02	6.73E-09	1.02E-05	3.65E-05	1.05E-05	6.99E-02	2.02E-02	2.84E-02	6.73E-09	4.98E-06	1.78E-05	5.12E-06	4.86E-02
3058	480672.06, 3851187.39	0.0255	0.1208	0.001	0.0016	0.0018	0.0017	0.1215	0.1208	3.47E-02	2.38E-02	6.80E-09	1.02E-05	3.65E-05	1.05E-05	5.85E-02	1.69E-02	2.38E-02	6.80E-09	4.98E-06	1.78E-05	5.12E-06	4.07E-02
3059	480722.06, 3851187.39	0.0221	0.1039	0.001	0.0016	0.0018	0.0017	0.1046	0.1039	3.01E-02	2.05E-02	6.87E-09	1.02E-05	3.63E-05	1.06E-05	5.06E-02	1.47E-02	2.05E-02	6.87E-09	4.98E-06	1.77E-05	5.15E-06	3.51E-02
3060	471363.09, 3845877.25	0.001	0.0037	0.0004	0.0006	0.0008	0.0007	0.0037	0.0037	1.29E-03	7.29E-04	2.69E-09	4.05E-06	1.63E-05	4.28E-06	2.05E-03	6.30E-04	7.29E-04	2.69E-09	1.97E-06	7.94E-06	2.08E-06	1.37E-03
3061	471863.09, 3845877.25	0.001	0.0037	0.0004	0.0006	0.0008	0.0007	0.0037	0.0037	1.31E-03	7.27E-04	2.76E-09	3.99E-06	1.61E-05	4.34E-06	2.06E-03	6.36E-04	7.27E-04	2.76E-09	1.94E-06	7.84E-06	2.11E-06	1.38E-03
3062	472363.09, 3845877.25	0.001	0.0043	0.0004	0.0006	0.0008	0.0007	0.0043	0.0043	1.33E-03	8.37E-04	2.90E-09	4.12E-06	1.63E-05	4.34E-06	2.20E-03	6.49E-04	8.37E-04	2.90E-09	2.00E-06	7.94E-06	2.11E-06	1.50E-03
3063	472863.09, 3845877.25	0.001	0.0041	0.0004	0.0006	0.0008	0.0007	0.0041	0.0041	1.29E-03	8.08E-04	2.90E-09	4.12E-06	1.65E-05	4.28E-06	2.13E-03	6.30E-04	8.08E-04	2.90E-09	2.00E-06	8.04E-06	2.08E-06	1.45E-03
3064	473363.09, 3845877.25	0.0009	0.0042	0.0004	0.0007	0.0009	0.0007	0.0043	0.0042	1.28E-03	8.27E-04	2.90E-09	4.37E-06	1.73E-05	4.28E-06	2.13E-03	6.23E-04	8.27E-04	2.90E-09	2.13E-06	8.44E-06	2.08E-06	1.46E-03
3065	473863.09, 3845877.25	0.0009	0.0043	0.0004	0.0007	0.0009	0.0007	0.0043	0.0043	1.25E-03	8.39E-04	2.83E-09	4.50E-06	1.82E-05	4.28E-06	2.12E-03	6.10E-04	8.39E-04	2.83E-09	2.19E-06	8.84E-06	2.08E-06	1.46E-03
3066	474363.09, 3845877.25	0.0009	0.0045	0.0004	0.0007	0.0009	0.0007	0.0046	0.0045	1.23E-03	8.90E-04	2.76E-09	4.37E-06	1.86E-05	4.22E-06	2.14E-03	5.96E-04	8.90E-04	2.76E-09	2.13E-06	9.03E-06	2.05E-06	1.50E-03
3067	474863.09, 3845877.25	0.0009	0.0047	0.0004	0.0007	0.0009	0.0007	0.0047	0.0047	1.24E-03	9.18E-04	2.76E-09	4.18E-06	1.79E-05	4.16E-06	2.18E-03	6.03E-04	9.18E-04	2.76E-09	2.04E-06	8.74E-06	2.03E-06	1.53E-03
3068	475363.09, 3845877.25	0.001	0.0047	0.0004	0.0006	0.0008	0.0007	0.0047	0.0047	1.29E-03	9.30E-04	2.76E-09	3.99E-06	1.67E-05	4.28E-06	2.25E-03	6.30E-04	9.30E-04	2.76E-09	1.94E-06	8.14E-06	2.08E-06	1.57E-03
3069	475863.09, 3845877.25	0.001	0.0046	0.0004	0.0006	0.0008	0.0007	0.0046	0.0046	1.33E-03	9.06E-04	2.76E-09	3.92E-06	1.55E-05	4.34E-06	2.26E-03	6.49E-04	9.06E-04	2.76E-09	1.91E-06	7.54E-06	2.11E-06	1.57E-03
3070	476363.09, 3845877.25	0.001	0.0044	0.0004	0.0006	0.0007	0.0007	0.0044	0.0044	1.33E-03	8.61E-04	2.76E-09	4.05E-06	1.47E-05	4.28E-06	2.22E-03	6.49E-04	8.61E-04	2.76E-09	1.97E-06	7.15E-06	2.08E-06	1.52E-03
3071	476863.09, 3845877.25	0.0009	0.0041	0.0004	0.0006	0.0007	0.0007	0.0042	0.0041	1.28E-03	8.10E-04	2.76E-09	4.12E-06	1.45E-05	4.22E-06	2.11E-03	6.23E-04	8.10E-04	2.76E-09	2.00E-06	7.05E-06	2.05E-06	1.44E-03
3072	477363.09, 3845877.25	0.0009	0.0039	0.0004	0.0007	0.0008	0.0007	0.004	0.0039	1.23E-03	7.68E-04	2.76E-09	4.18E-06	1.59E-05	4.16E-06	2.02E-03	5.96E-04	7.68E-04	2.76E-09	2.04E-06	7.74E-06	2.03E-06	1.38E-03
3073	477863.09, 3845877.25	0.0009	0.0037	0.0004	0.0006	0.0009	0.0007	0.0037	0.0037	1.20E-03	7.21E-04	2.76E-09	4.05E-06	1.79E-05	4.10E-06	1.95E-03	5.83E-04	7.21E-04	2.76E-09	1.97E-06	8.74E-06	2.00E-06	1.32E-03
3074	478363.09, 3845877.25	0.0009	0.0035	0.0004	0.0006	0.0009	0.0007	0.0036	0.0035	1.21E-03	6.93E-04	2.76E-09	3.92E-06	1.73E-05	4.04E-06	1.93E-03	5.90E-04	6.93E-04	2.76E-09	1.91E-06	8.44E-06	1.97E-06	1.30E-03
3075	478863.09, 3845877.25	0.0009	0.0034	0.0004	0.0006	0.0007	0.0007	0.0034	0.0034	1.21E-03	6.68E-04	2.76E-09	3.92E-06	1.49E-05	4.04E-06	1.90E-03	5.90E-04	6.68E-04	2.76E-09	1.91E-06	7.25E-06	1.97E-06	1.27E-03
3076	479363.09, 3845877.25	0.0009	0.0033	0.0004	0.0006	0.0007	0.0007	0.0034	0.0033	1.25E-03	6.54E-04	2.76E-09	3.92E-06	1.41E-05	4.10E-06	1.93E-03	6.10E-04	6.54E-04	2.76E-09	1.91E-06	6.85E-06	2.00E-06	1.27E-03
3077	479863.09, 3845877.25	0.001	0.0032	0.0004	0.0006	0.0007	0.0007	0.0032	0.0032	1.31E-03	6.28E-04	2.90E-09	3.92E-06	1.37E-05	4.16E-06	1.96E-03	6.36E-04	6.28E-04	2.90E-09	1.91E-06	6.65E-06	2.03E-06	1.28E-03
3078	480363.09, 3845877.25	0.001	0.003	0.0005	0.0006	0.0007	0.0007	0.003	0.003	1.35E-03	5.87E-04	3.03E-09	3.86E-06	1.37E-05	4.16E-06	1.96E-03	6.56E-04	5.87E-04	3.03E-09	1.88E-06	6.65E-06	2.03E-06	1.25E-03
3079	480863.09, 3845877.25	0.001	0.0029	0.0005	0.0006	0.0007	0.0007	0.0029	0.0029	1.36E-03	5.61E-04	3.10E-09	3.86E-06	1.43E-05	4.22E-06	1.95E-03	6.63E-04	5.61E-04	3.10E-09	1.88E-06	6.95E-06	2.05E-06	1.24E-03
3080	481363.09, 3845877.25	0.001	0.0027	0.0005	0.0006	0.0007	0.0007	0.0028	0.0027	1.33E-03	5.38E-04	3.10E-09	3.92E-06	1.47E-05	4.16E-06	1.89E-03	6.49E-04	5.38E-04	3.10E-09	1.91E-06	7.15E-06	2.03E-06	1.20E-03
3081	481863.09, 3845877.25	0.0009	0.0026	0.0004	0.0006	0.0007	0.0007	0.0026	0.0026	1.25E-03	5.12E-04	2.90E-09	3.86E-06	1.49E-05	4.10E-06	1.79E-03	6.10E-04	5.12E-04	2.90E-09	1.88E-06	7.25E-06	2.00E-06	1.13E-03
3082	482363.09, 3845877.25	0.0009	0.0025	0.0004	0.0006	0.0007	0.0007	0.0025	0.0025	1.20E-03	4.87E-04	2.83E-09	3.86E-06	1.43E-05	4.04E-06	1.71E-03	5.83E-04	4.87E-04	2.83E-09	1.88E-06	6.95E-06	1.97E-06	1.08E-03
3083	482863.09, 3845877.25	0.0008	0.0022	0.0004	0.0006	0.0007	0.0006	0.0022	0.0022	1.14E-03	4.33E-04	2.76E-09	3.67E-06	1.43E-05	3.92E-06	1.60E-03	5.57E-04	4.33E-04	2.76E-09	1.78E-06	6.95E-06	1.91E-06	1.00E-03
3084	483363.09, 3845877.25	0.0008	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.13E-03	4.08E-04	2.69E-09	3.60E-06	1.51E-05	3.85E-06	1.56E-03	5.50E-04	4.08E-04	2.69E-09	1.75E-06	7.35E-06	1.88E-06	9.69E-04
3085	483863.09, 3845877.25	0.0009	0.0022	0.0004	0.0006	0.0008	0.0006	0.0023	0.0022	1.20E-03	4.39E-04	2.83E-09	3.80E-06	1.61E-05	3.92E-06	1.66E-03	5.83E-04	4.39E-04	2.83E-09	1.85E-06	7.84E-06	1.91E-06	1.03E-03
3086	484363.09, 3845877.25	0.0009	0.0022	0.0004	0.0006	0.0008	0.0006	0.0022	0.0022	1.18E-03	4.35E-04	2.90E-09	3.80E-06	1.57E-05	3.85E-06	1.64E-03	5.77E-04	4.35E-04	2.90E-09	1.85E-06	7.64E-06	1.88E-06	1.02E-03
3087	484863.09, 3845877.25	0.0009	0.0022	0.0004	0.0006	0.0007	0.0006	0.0022	0.0022	1.16E-03	4.26E-04	2.83E-09	3.73E-06	1.49E-05	3.79E-06	1.61E-03	5.63E-04	4.26E-04	2.83E-09	1.82E-06	7.25E-06	1.85E-06	1.00E-03
3088	485363.09, 3845877.25	0.0008	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.13E-03	4.10E-04	2.76E-09	3.73E-06	1.37E-05	3.67E-06	1.56E-03	5.50E-04	4.10E-04	2.76E-09	1.82E-06	6.65E-06	1.79E-06	9.70E-04
3089	485863.09, 3845877.25	0.0008	0.0021	0.0004	0.0006	0.0006	0.0006	0.0021	0.0021	1.14E-03	4.10E-04	2.83E-09	3.73E-06	1.24E-05	3.67E-06	1.57E-03	5.57E-04	4.10E-04	2.83E-09	1.82E-06	6.06E-06	1.79E-06	9.76E-04
3090	486363.09, 3845877.25	0.0009	0.0021	0.0004	0.0006	0.0006	0.0006	0.0021	0.0021	1.16E-03	4.04E-04	2.83E-09	3.67E-06	1.24E-05	3.67E-06	1.58E-03	5.63E-04	4.04E-04	2.83E-09	1.78E-06	6.06E-06	1.79E-06	9.77E-04
3091	486863.09, 3845877.25	0.0008	0.002	0.0004	0.0006	0.0006	0.0006	0.002	0.002	1.14E-03	3.88E-04	2.76E-09	3.54E-06	1.26E-05	3.61E-06	1.55E-03	5.57E-04	3.88E-04	2.76E-09	1.72E-06	6.15E-06	1.76E-06	9.54E-04
3092	487363.09, 3845877.25	0.0009	0.0019	0.0004	0.0006	0.0006	0.0006	0.002	0.0019	1.16E-03	3.82E-04	2.69E-09	3.54E-06	1.28E-05	3.61E-06	1.56E-03	5.63E-04	3.82E-04	2.69E-09	1.72E-06	6.25E-06	1.76E-06	9.55E-04
3093	487863.09, 3845877.25	0.0008	0.0019	0.0004	0.0005	0.0007	0.0006	0.0019	0.0019	1.14E-03	3.68E-04	2.63E-09	3.47E-06	1.35E-05	3.55E-06	1.53E-03	5.57E-04	3.68E-04	2.63E-09	1.69E-06	6.55E-06	1.73E-06	9.35E-04
3094	488363.09, 3845877.25	0.0008	0.0018	0.0004	0.0005	0.0007	0.0006	0.0019	0.0018	1.14E-03	3.61E-04	2.63E-09	3.41E-06	1.43E-05	3.55E-06	1.53E-03	5.57E-04	3.61E-04	2.63E-09	1.66E-06	6.95E-06	1.73E-06	9.28E-04
3095	488863.09, 3845877.25	0.0009	0.0019	0.0004	0.0005	0.0007	0.0006	0.0019	0.0019	1.20E-03	3.78E-04	2.69E-09	3.47E-06	1.39E-05	3.61E-06	1.60E-03	5.83E-04	3.78E-04	2.69E-09	1.69E-06	6.75E-06	1.76E-06	9.72E-04
3096	489363.09, 3845877.25	0.0009	0.0019	0.0004	0.0005	0.0006	0.0006	0.0019	0.0019	1.21E-03	3.74E-04	2.69E-09	3.47E-06	1.28E-05	3.61E-06	1.61E-03	5.90E-04	3.74E-04	2.69E-09	1.69E-06	6.25E-06	1.76E-06	9.74E-04

3097	489863.09, 3845877.25	0.0009	0.0018	0.0004	0.0005	0.0006	0.0006	0.0019	0.0018	1.18E-03	3.62E-04	2.76E-09	3.41E-06	1.26E-05	3.61E-06	1.57E-03	5.77E-04	3.62E-04	2.76E-09	1.66E-06	6.15E-06	1.76E-06	9.49E-04
3098	490363.09, 3845877.25	0.0009	0.0018	0.0004	0.0005	0.0006	0.0006	0.0018	0.0018	1.17E-03	3.45E-04	2.76E-09	3.34E-06	1.26E-05	3.55E-06	1.54E-03	5.70E-04	3.45E-04	2.76E-09	1.63E-06	6.15E-06	1.73E-06	9.24E-04
3099	490863.09, 3845877.25	0.0008	0.0016	0.0004	0.0005	0.0006	0.0006	0.0016	0.0016	1.14E-03	3.11E-04	2.69E-09	3.22E-06	1.28E-05	3.49E-06	1.47E-03	5.57E-04	3.11E-04	2.69E-09	1.57E-06	6.25E-06	1.70E-06	8.77E-04
3100	491363.09, 3845877.25	0.0009	0.0017	0.0004	0.0005	0.0007	0.0006	0.0017	0.0017	1.18E-03	3.27E-04	2.76E-09	3.34E-06	1.37E-05	3.61E-06	1.53E-03	5.77E-04	3.27E-04	2.76E-09	1.63E-06	6.65E-06	1.76E-06	9.14E-04
3101	491863.09, 3845877.25	0.0009	0.0017	0.0004	0.0005	0.0007	0.0006	0.0017	0.0017	1.23E-03	3.33E-04	2.90E-09	3.47E-06	1.41E-05	3.67E-06	1.58E-03	5.96E-04	3.33E-04	2.90E-09	1.69E-06	6.85E-06	1.79E-06	9.40E-04
3102	492363.09, 3845877.25	0.0009	0.0016	0.0004	0.0005	0.0007	0.0006	0.0016	0.0016	1.20E-03	3.09E-04	2.90E-09	3.41E-06	1.35E-05	3.61E-06	1.53E-03	5.83E-04	3.09E-04	2.90E-09	1.66E-06	6.55E-06	1.76E-06	9.02E-04
3103	492863.09, 3845877.25	0.0009	0.0017	0.0005	0.0006	0.0007	0.0006	0.0017	0.0017	1.27E-03	3.31E-04	3.03E-09	3.54E-06	1.37E-05	3.79E-06	1.62E-03	6.16E-04	3.31E-04	3.03E-09	1.72E-06	6.65E-06	1.85E-06	9.57E-04
3104	493363.09, 3845877.25	0.001	0.0017	0.0005	0.0006	0.0007	0.0006	0.0017	0.0017	1.31E-03	3.37E-04	3.10E-09	3.60E-06	1.37E-05	3.85E-06	1.66E-03	6.36E-04	3.37E-04	3.10E-09	1.75E-06	6.65E-06	1.88E-06	9.83E-04
3105	493863.09, 3845877.25	0.001	0.0017	0.0005	0.0006	0.0007	0.0007	0.0018	0.0017	1.35E-03	3.41E-04	3.16E-09	3.73E-06	1.41E-05	3.98E-06	1.71E-03	6.56E-04	3.41E-04	3.16E-09	1.82E-06	6.85E-06	1.94E-06	1.01E-03
3106	494363.09, 3845877.25	0.001	0.0017	0.0005	0.0006	0.0007	0.0007	0.0018	0.0017	1.39E-03	3.43E-04	3.30E-09	3.80E-06	1.43E-05	4.04E-06	1.75E-03	6.76E-04	3.43E-04	3.30E-09	1.85E-06	6.95E-06	1.97E-06	1.03E-03
3107	494863.09, 3845877.25	0.001	0.0017	0.0005	0.0006	0.0007	0.0007	0.0018	0.0017	1.42E-03	3.43E-04	3.37E-09	3.86E-06	1.43E-05	4.10E-06	1.78E-03	6.89E-04	3.43E-04	3.37E-09	1.88E-06	6.95E-06	2.00E-06	1.04E-03
3108	495363.09, 3845877.25	0.0011	0.0018	0.0005	0.0006	0.0007	0.0007	0.0018	0.0018	1.44E-03	3.45E-04	3.43E-09	3.99E-06	1.43E-05	4.22E-06	1.81E-03	7.02E-04	3.45E-04	3.43E-09	1.94E-06	6.95E-06	2.05E-06	1.06E-03
3109	495863.09, 3845877.25	0.0011	0.0018	0.0005	0.0006	0.0007	0.0007	0.0018	0.0018	1.48E-03	3.47E-04	3.50E-09	4.05E-06	1.47E-05	4.28E-06	1.85E-03	7.22E-04	3.47E-04	3.50E-09	1.97E-06	7.15E-06	2.08E-06	1.08E-03
3110	496363.09, 3845877.25	0.0011	0.0018	0.0005	0.0006	0.0008	0.0007	0.0018	0.0018	1.52E-03	3.49E-04	3.64E-09	4.12E-06	1.59E-05	4.41E-06	1.90E-03	7.42E-04	3.49E-04	3.64E-09	2.00E-06	7.74E-06	2.14E-06	1.10E-03
3111	496863.09, 3845877.25	0.0011	0.0018	0.0006	0.0007	0.0008	0.0007	0.0018	0.0018	1.55E-03	3.47E-04	3.70E-09	4.18E-06	1.67E-05	4.53E-06	1.92E-03	7.55E-04	3.47E-04	3.70E-09	2.04E-06	8.14E-06	2.20E-06	1.11E-03
3112	497363.09, 3845877.25	0.0012	0.0018	0.0006	0.0007	0.0009	0.0008	0.0018	0.0018	1.58E-03	3.47E-04	3.91E-09	4.25E-06	1.75E-05	4.65E-06	1.95E-03	7.69E-04	3.47E-04	3.91E-09	2.07E-06	8.54E-06	2.26E-06	1.13E-03
3113	497863.09, 3845877.25	0.0012	0.0018	0.0006	0.0007	0.0009	0.0008	0.0018	0.0018	1.62E-03	3.45E-04	4.04E-09	4.37E-06	1.82E-05	4.77E-06	1.99E-03	7.89E-04	3.45E-04	4.04E-09	2.13E-06	8.84E-06	2.32E-06	1.15E-03
3114	498363.09, 3845877.25	0.0012	0.0017	0.0006	0.0007	0.0009	0.0008	0.0018	0.0017	1.66E-03	3.43E-04	4.17E-09	4.44E-06	1.90E-05	4.83E-06	2.03E-03	8.08E-04	3.43E-04	4.17E-09	2.16E-06	9.23E-06	2.35E-06	1.17E-03
3115	471363.09, 3846377.25	0.0011	0.068	0.0005	0.0007	0.0009	0.0008	0.0685	0.068	1.43E-03	1.34E-02	3.03E-09	4.70E-06	1.92E-05	4.83E-06	1.48E-02	6.96E-04	1.34E-02	3.03E-09	2.29E-06	9.33E-06	2.35E-06	1.41E-02
3116	471863.09, 3846377.25	0.001	0.0574	0.0004	0.0007	0.0009	0.0008	0.0578	0.0574	1.42E-03	1.13E-02	2.90E-09	4.50E-06	1.82E-05	4.71E-06	1.27E-02	6.89E-04	1.13E-02	2.90E-09	2.19E-06	8.84E-06	2.29E-06	1.20E-02
3117	472363.09, 3846377.25	0.001	0.0175	0.0004	0.0007	0.0008	0.0007	0.0176	0.0175	1.39E-03	3.44E-03	2.90E-09	4.18E-06	1.69E-05	4.53E-06	4.85E-03	6.76E-04	3.44E-03	2.90E-09	2.04E-06	8.24E-06	2.20E-06	4.13E-03
3118	472863.09, 3846377.25	0.001	0.0121	0.0005	0.0007	0.0008	0.0007	0.0122	0.0121	1.40E-03	2.39E-03	3.03E-09	4.25E-06	1.69E-05	4.53E-06	3.82E-03	6.83E-04	2.39E-03	3.03E-09	2.07E-06	8.24E-06	2.20E-06	3.08E-03
3119	473363.09, 3846377.25	0.001	0.0096	0.0005	0.0007	0.0008	0.0007	0.0096	0.0096	1.40E-03	1.88E-03	3.10E-09	4.31E-06	1.71E-05	4.53E-06	3.31E-03	6.83E-04	1.88E-03	3.10E-09	2.10E-06	8.34E-06	2.20E-06	2.58E-03
3120	473863.09, 3846377.25	0.001	0.0086	0.0005	0.0007	0.0009	0.0007	0.0086	0.0086	1.39E-03	1.68E-03	3.16E-09	4.57E-06	1.79E-05	4.53E-06	3.10E-03	6.76E-04	1.68E-03	3.16E-09	2.22E-06	8.74E-06	2.20E-06	2.37E-03
3121	474363.09, 3846377.25	0.001	0.0077	0.0005	0.0008	0.0009	0.0007	0.0078	0.0077	1.36E-03	1.52E-03	3.03E-09	4.82E-06	1.90E-05	4.53E-06	2.91E-03	6.63E-04	1.52E-03	3.03E-09	2.35E-06	9.23E-06	2.20E-06	2.20E-03
3122	474863.09, 3846377.25	0.001	0.0073	0.0004	0.0007	0.001	0.0007	0.0074	0.0073	1.35E-03	1.43E-03	2.96E-09	4.70E-06	1.98E-05	4.47E-06	2.81E-03	6.56E-04	1.43E-03	2.96E-09	2.29E-06	9.63E-06	2.17E-06	2.10E-03
3123	475363.09, 3846377.25	0.001	0.0068	0.0004	0.0007	0.0009	0.0007	0.0068	0.0068	1.35E-03	1.33E-03	2.90E-09	4.50E-06	1.92E-05	4.47E-06	2.71E-03	6.56E-04	1.33E-03	2.90E-09	2.19E-06	9.33E-06	2.17E-06	2.00E-03
3124	475863.09, 3846377.25	0.001	0.0064	0.0004	0.0007	0.0009	0.0008	0.0064	0.0064	1.39E-03	1.25E-03	2.90E-09	4.25E-06	1.77E-05	4.59E-06	2.67E-03	6.76E-04	1.25E-03	2.90E-09	2.07E-06	8.64E-06	2.23E-06	1.94E-03
3125	476363.09, 3846377.25	0.0011	0.0059	0.0004	0.0006	0.0008	0.0007	0.0059	0.0059	1.43E-03	1.15E-03	2.90E-09	4.12E-06	1.63E-05	4.53E-06	2.61E-03	6.96E-04	1.15E-03	2.90E-09	2.00E-06	7.94E-06	2.20E-06	1.86E-03
3126	476863.09, 3846377.25	0.001	0.0054	0.0004	0.0007	0.0008	0.0007	0.0055	0.0054	1.42E-03	1.07E-03	2.90E-09	4.31E-06	1.53E-05	4.53E-06	2.51E-03	6.89E-04	1.07E-03	2.90E-09	2.10E-06	7.45E-06	2.20E-06	1.77E-03
3127	477363.09, 3846377.25	0.001	0.005	0.0004	0.0007	0.0008	0.0007	0.0051	0.005	1.36E-03	9.89E-04	2.90E-09	4.37E-06	1.53E-05	4.47E-06	2.37E-03	6.63E-04	9.89E-04	2.90E-09	2.13E-06	7.45E-06	2.17E-06	1.66E-03
3128	477863.09, 3846377.25	0.001	0.0046	0.0004	0.0007	0.0008	0.0007	0.0047	0.0046	1.32E-03	9.12E-04	2.90E-09	4.37E-06	1.69E-05	4.41E-06	2.26E-03	6.43E-04	9.12E-04	2.90E-09	2.13E-06	8.24E-06	2.14E-06	1.57E-03
3129	478363.09, 3846377.25	0.001	0.0044	0.0004	0.0007	0.001	0.0007	0.0044	0.0044	1.32E-03	8.57E-04	2.90E-09	4.25E-06	1.94E-05	4.28E-06	2.21E-03	6.43E-04	8.57E-04	2.90E-09	2.07E-06	9.43E-06	2.08E-06	1.51E-03
3130	478863.09, 3846377.25	0.001	0.0042	0.0004	0.0007	0.0009	0.0007	0.0042	0.0042	1.33E-03	8.25E-04	2.96E-09	4.18E-06	1.82E-05	4.28E-06	2.19E-03	6.49E-04	8.25E-04	2.96E-09	2.04E-06	8.84E-06	2.08E-06	1.49E-03
3131	479363.09, 3846377.25	0.001	0.004	0.0004	0.0007	0.0008	0.0007	0.004	0.004	1.35E-03	7.88E-04	2.96E-09	4.18E-06	1.55E-05	4.28E-06	2.16E-03	6.56E-04	7.88E-04	2.96E-09	2.04E-06	7.54E-06	2.08E-06	1.46E-03
3132	479863.09, 3846377.25	0.001	0.0038	0.0004	0.0007	0.0007	0.0007	0.0038	0.0038	1.39E-03	7.47E-04	2.96E-09	4.18E-06	1.47E-05	4.34E-06	2.16E-03	6.76E-04	7.47E-04	2.96E-09	2.04E-06	7.15E-06	2.11E-06	1.43E-03
3133	480363.09, 3846377.25	0.0011	0.0037	0.0005	0.0006	0.0007	0.0007	0.0037	0.0037	1.47E-03	7.21E-04	3.16E-09	4.12E-06	1.45E-05	4.47E-06	2.21E-03	7.16E-04	7.21E-04	3.16E-09	2.00E-06	7.05E-06	2.17E-06	1.45E-03
3134	480863.09, 3846377.25	0.0011	0.0034	0.0005	0.0006	0.0007	0.0007	0.0034	0.0034	1.48E-03	6.64E-04	3.23E-09	4.12E-06	1.47E-05	4.47E-06	2.17E-03	7.22E-04	6.64E-04	3.23E-09	2.00E-06	7.15E-06	2.17E-06	1.40E-03
3135	481363.09, 3846377.25	0.0011	0.0032	0.0005	0.0007	0.0008	0.0007	0.0033	0.0032	1.48E-03	6.36E-04	3.30E-09	4.18E-06	1.53E-05	4.41E-06	2.14E-03	7.22E-04	6.36E-04	3.30E-09	2.04E-06	7.45E-06	2.14E-06	1.37E-03
3136	481863.09, 3846377.25	0.0011	0.0031	0.0005	0.0006	0.0008	0.0007	0.0031	0.0031	1.43E-03	6.01E-04	3.10E-09	4.12E-06	1.57E-05	4.34E-06	2.05E-03	6.96E-04	6.01E-04	3.10E-09	2.00E-06	7.64E-06	2.11E-06	1.31E-03
3137	482363.09, 3846377.25	0.001	0.0029	0.0004	0.0006	0.0008	0.0007	0.0029	0.0029	1.33E-03	5.63E-04	2.96E-09	4.05E-06	1.55E-05	4.28E-06	1.92E-03	6.49E-04	5.63E-04	2.96E-09	1.97E-06	7.54E-06	2.08E-06	1.22E-03
3138	482863.09, 3846377.25	0.0009	0.0026	0.0004	0.0006	0.0007	0.0007	0.0027	0.0026	1.28E-03	5.14E-04	2.90E-09	3.92E-06	1.49E-05	4.22E-06	1.82E-03	6.23E-04	5.14E-04	2.90E-09	1.91E-06	7.25E-06	2.05E-06	1.15E-03
3139	483363.09, 3846377.25	0.001	0.0026	0.0004	0.0006	0.0008	0.0007	0.0027	0.0026	1.31E-03	5.18E-04	2.96E-09	3.99E-06	1.57E-05	4.28E-06	1.85E-03	6.36E-04	5.18E-04	2.96E-09	1.94E-06	7.64E-06	2.08E-06	1.17E-03
3140	483863.09, 3846377.25	0.001	0.0026	0.0005	0.0006	0.0008	0.0007	0.0026	0.0026	1.32E-03	5.04E-04	3.03E-09	3.99E-06	1.71E-05	4.16E-06	1.85E-03	6.43E-04	5.04E-04	3.03E-09	1.94E-06	8.34E-06	2.03E-06	1.16E-03
3141	484363.09, 3846377.25	0.0009	0.0024	0.0005	0.0006	0.0008	0.0007	0.0025	0.0024	1.28E-03	4.77E-04	3.03E-09	3.92E-06	1.67E-05	4.04E-06	1.78E-03	6.23E-04	4.77E-04	3.03E-09	1.91E-06	8.14E-06	1.97E-06	1.11E-03
3142	484863.09, 3846377.25	0.001	0.0025	0.0005	0.0006	0.0008	0.0007	0.0025	0.0025	1.29E-03	4.89E-04	3.10E-09	3.99E-06	1.65E-05	4.04E-06	1.81E-03	6.30E-04	4.89E-04	3.10E-09	1.94E-06	8.04E-06	1.97E-06	1.13E-03
3143	485363.09, 3846377.25	0.001	0.0025	0.0005	0.0006	0.0008	0.0007	0.0025	0.0025	1.29E-03	4.83E-04	3.03E-09	3.99E-06	1.53E-05	4.04E-06	1.80E-03	6.30E-04	4.83E-04	3.03E-09	1.94E-06	7.45E-06	1.97E-06	1.12E-03
3144	485863.09, 3846377.25	0.0009	0.0024	0.0005	0.0006	0.0007	0.0006	0.0024	0.0024	1.27E-03	4.63E-04	3.03E-09	3.99E-06	1.33E-05	3.92E-06	1.75E-03	6.16E-04	4.63E-04	3.03E-09	1.94E-06	6.45E-06	1.91E-06	1.09E-03
3145	486363.09, 3846377.25	0.0009	0.0022	0.0004	0.0006	0.0006	0.0006	0.0022	0.0022	1.23E-03	4.27E-04	2.90E-09	3.80E-06	1.31E-05	3.79E-06	1.67E-03	5.96E-04	4.27E-04	2.90E-09	1.85E-06	6.35E-06	1.85E-06	1.03E-03
3146	486863.09, 3846377.25	0.0009	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.23E-03	4.14E-04	2.90E-09	3.67E-06	1.33E-05	3.79E-06	1.66E-03	5.96E-04	4.14E-04	2.90E-09	1.78E-06	6.45E-06	1.85E-06	1.02E-03
3147	487363.09, 3846377.25	0.0009	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.25E-03	4.16E-04	2.83E-09	3.67E-06	1.35E-05	3.79E-06	1.69E-03	6.10E-04	4.16E-04	2.83E-09	1.78E-06	6.55E-06	1.85E-06	1.04E-03
3148	487863.09, 3846377.25	0.001	0.0022	0.0004	0.0006	0.0007	0.0006	0.0022	0.0022	1.29E-03	4.29E-04	2.90E-09	3.80E-06	1.49E-05	3.85E-06	1.75E-03	6.30E-04	4.29E-04	2.90E-09	1.85E-06	7.25E-06	1.88E-06	1.07E-03
3149	488363.09, 3846377.25	0.001	0.0021	0.0004	0.0006	0.0008	0.0006	0.0022	0.0021	1.31E-03	4.20E-04	2.90E-09	3.73E-06	1.57E-05	3.85E-06	1.75E-03	6.36E-04	4.20E-04	2.90E-09	1.82E-06	7.64E-06	1.88E-06	1.07E-03
3150	488863.09, 3846377.25	0.001	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.31E-03	4.14E-04	2.83E-09	3.67E-06	1.49E-05	3.85E-06	1.74E-03	6.36E-04	4.14E-04	2.83E-09	1.78E-06	7.25E-06	1.88E-06	1.06E-03
3151	489363.09, 3846377.25	0.001	0.0021	0.0004	0.0006	0.0007	0.0006	0.0021	0.0021	1.31E-03	4.08E-04	2.83E-09	3.67E-06	1.39E-05	3.85E-06	1.74E-03	6.36E-04	4.08E-04	2.83E-09	1.78E-06	6.75E-06	1.88E-06	1.05E-03
3152	489863.09, 3846377.25	0.001	0.002	0.0004	0.0006	0.0007	0.0006	0.002	0.002	1.31E-03	3.94E-04	2.96E-09	3.67E-06	1.35E-05	3.85E-06	1.72E-03	6.36E-04	3.94E-04	2.96E-09	1.78E-06	6.55E-06	1.88E-06	1.04E-03
3153	490363.09, 3846377.25	0.0009	0.0018	0.0004	0.0006	0.0007	0.0006	0.0019	0.0018	1.25E-03	3.61E-04	2.90E-09	3.54E-06	1.33E-05	3.73E-06	1.63E-03	6.10E-04	3.61E-04	2.90E-09	1.72E-06	6.45E-06	1.82E-06	9.80E-04
3154	490863.09, 3846377.25	0.0009	0.0018	0.0004	0.0005	0.0007	0.0006	0.0018	0.0018	1.25E-03	3.45E-04	2.90E-09	3.47E-06	1.39E-05	3.73E-06	1.62E-03	6.10E-04	3.45E-04	2.90E-09	1.69E-06	6.75E-06	1.82E-06	9.65E-04
3155	491363.09, 3846377.25	0.0009	0.0017	0.0004	0.0006	0.0007	0.0006	0.0017	0.0017	1.27E-03	3.39E-04	2.96E-09	3.54E-06	1.45E-05	3.79E-06	1.63E-03	6.16E-04	3.39E-04	2.96E-09	1.72E-06	7.05E-06	1.85E-06	9.66E-04
3156	491863.09, 3846377.25	0.001	0.0018	0.0005	0.0006	0.0007	0.0006	0.0018	0.0018	1.33E-03	3.59E-04	3.10E-09	3.67E-06	1.47E-05	3.92E-06	1.72E-03	6.49E-04	3.59E-04	3.10E-09	1.78E-06	7.15E-06	1.91E-06	1.02E-03
3157	492363.09, 3846377.25	0.001	0.0018	0.0005	0.0006	0.0007	0.0007	0.0018	0.0018	1.33E-03	3.49E-04	3.16E-09	3.67E-06	1.43E-05	3.98E-06	1.70E-03	6.49E-04	3.49E-04	3.16E-09	1.78E-06	6.95E-06	1.94E-06	1.01E-03
3158	492863.09, 3846377.25	0.001	0.0018	0.0005	0.0006	0.0007	0.0007	0.0018	0.0018	1.36E-03	3.49E-04	3.16E-09	3.73E-06	1.43E-05	4.04E-06	1.73E-03	6.63E-04	3.49E-04	3.16E-09	1.82E-06	6.95E-06	1.97E-06	1.02E-03

3159	493363.09, 3846377.25	0.001	0.0018	0.0005	0.0006	0.0007	0.0007	0.0018	0.0018	1.42E-03	3.61E-04	3.37E-09	3.86E-06	1.45E-05	4.16E-06	1.80E-03	6.89E-04	3.61E-04	3.37E-09	1.88E-06	7.05E-06	2.03E-06	1.06E-03
3160	493863.09, 3846377.25	0.0011	0.0018	0.0005	0.0006	0.0007	0.0007	0.0019	0.0018	1.47E-03	3.62E-04	3.50E-09	3.99E-06	1.49E-05	4.22E-06	1.86E-03	7.16E-04	3.62E-04	3.50E-09	1.94E-06	7.25E-06	2.05E-06	1.09E-03
3161	494363.09, 3846377.25	0.0011	0.0018	0.0005	0.0006	0.0007	0.0007	0.0019	0.0018	1.50E-03	3.62E-04	3.57E-09	4.05E-06	1.49E-05	4.34E-06	1.88E-03	7.29E-04	3.62E-04	3.57E-09	1.97E-06	7.25E-06	2.11E-06	1.10E-03
3162	494863.09, 3846377.25	0.0011	0.0019	0.0005	0.0007	0.0007	0.0007	0.0019	0.0019	1.52E-03	3.64E-04	3.64E-09	4.18E-06	1.49E-05	4.41E-06	1.91E-03	7.42E-04	3.64E-04	3.64E-09	2.04E-06	7.25E-06	2.14E-06	1.12E-03
3163	495363.09, 3846377.25	0.0012	0.0019	0.0006	0.0007	0.0008	0.0007	0.0019	0.0019	1.57E-03	3.64E-04	3.70E-09	4.31E-06	1.53E-05	4.53E-06	1.95E-03	7.62E-04	3.64E-04	3.70E-09	2.10E-06	7.45E-06	2.20E-06	1.14E-03
3164	495863.09, 3846377.25	0.0012	0.0019	0.0006	0.0007	0.0008	0.0008	0.0019	0.0019	1.61E-03	3.66E-04	3.84E-09	4.37E-06	1.63E-05	4.65E-06	2.00E-03	7.82E-04	3.66E-04	3.84E-09	2.13E-06	7.94E-06	2.26E-06	1.16E-03
3165	496363.09, 3846377.25	0.0012	0.0019	0.0006	0.0007	0.0009	0.0008	0.0019	0.0019	1.65E-03	3.68E-04	3.97E-09	4.44E-06	1.73E-05	4.77E-06	2.04E-03	8.02E-04	3.68E-04	3.97E-09	2.16E-06	8.44E-06	2.32E-06	1.18E-03
3166	496863.09, 3846377.25	0.0012	0.0019	0.0006	0.0007	0.0009	0.0008	0.0019	0.0019	1.69E-03	3.66E-04	4.11E-09	4.50E-06	1.82E-05	4.89E-06	2.08E-03	8.22E-04	3.66E-04	4.11E-09	2.19E-06	8.84E-06	2.38E-06	1.20E-03
3167	497363.09, 3846377.25	0.0013	0.0019	0.0006	0.0007	0.0009	0.0008	0.0019	0.0019	1.73E-03	3.66E-04	4.31E-09	4.63E-06	1.92E-05	5.02E-06	2.12E-03	8.42E-04	3.66E-04	4.31E-09	2.25E-06	9.33E-06	2.44E-06	1.22E-03
3168	497863.09, 3846377.25	0.0013	0.0019	0.0007	0.0007	0.001	0.0009	0.0019	0.0019	1.77E-03	3.64E-04	4.44E-09	4.70E-06	2.00E-05	5.20E-06	2.16E-03	8.61E-04	3.64E-04	4.44E-09	2.29E-06	9.73E-06	2.53E-06	1.24E-03
3169	498363.09, 3846377.25	0.0013	0.0018	0.0007	0.0008	0.001	0.0009	0.0019	0.0018	1.81E-03	3.61E-04	4.58E-09	4.82E-06	2.04E-05	5.32E-06	2.20E-03	8.81E-04	3.61E-04	4.58E-09	2.35E-06	9.93E-06	2.59E-06	1.26E-03
3170	471363.09, 3846877.25	0.0011	0.0093	0.0005	0.0008	0.001	0.0008	0.0094	0.0093	1.51E-03	1.84E-03	3.50E-09	5.02E-06	2.02E-05	5.08E-06	3.38E-03	7.36E-04	1.84E-03	3.50E-09	2.44E-06	9.83E-06	2.47E-06	2.59E-03
3171	471863.09, 3846877.25	0.0011	0.0198	0.0005	0.0008	0.001	0.0008	0.02	0.0198	1.52E-03	3.90E-03	3.30E-09	5.02E-06	2.04E-05	5.08E-06	5.46E-03	7.42E-04	3.90E-03	3.30E-09	2.44E-06	9.93E-06	2.47E-06	4.66E-03
3172	472363.09, 3846877.25	0.0011	0.2516	0.0005	0.0008	0.001	0.0008	0.253	0.2516	1.54E-03	4.96E-02	3.10E-09	4.89E-06	1.98E-05	5.02E-06	5.11E-02	7.49E-04	4.96E-02	3.10E-09	2.38E-06	9.63E-06	2.44E-06	5.03E-02
3173	472863.09, 3846877.25	0.0011	0.0301	0.0004	0.0007	0.0009	0.0008	0.0303	0.0301	1.50E-03	5.93E-03	2.96E-09	4.37E-06	1.79E-05	4.71E-06	7.46E-03	7.29E-04	5.93E-03	2.96E-09	2.13E-06	8.74E-06	2.29E-06	6.68E-03
3174	473363.09, 3846877.25	0.0011	0.0186	0.0005	0.0007	0.0009	0.0008	0.0187	0.0186	1.52E-03	3.66E-03	3.16E-09	4.44E-06	1.77E-05	4.77E-06	5.21E-03	7.42E-04	3.66E-03	3.16E-09	2.16E-06	8.64E-06	2.32E-06	4.42E-03
3175	473863.09, 3846877.25	0.0011	0.015	0.0005	0.0007	0.0009	0.0008	0.0151	0.015	1.54E-03	2.96E-03	3.37E-09	4.57E-06	1.79E-05	4.77E-06	4.53E-03	7.49E-04	2.96E-03	3.37E-09	2.22E-06	8.74E-06	2.32E-06	3.72E-03
3176	474363.09, 3846877.25	0.0011	0.0121	0.0005	0.0007	0.0009	0.0008	0.0122	0.0121	1.52E-03	2.37E-03	3.37E-09	4.76E-06	1.86E-05	4.77E-06	3.93E-03	7.42E-04	2.37E-03	3.37E-09	2.32E-06	9.03E-06	2.32E-06	3.13E-03
3177	474863.09, 3846877.25	0.0011	0.0102	0.0005	0.0008	0.001	0.0008	0.0104	0.0102	1.50E-03	2.01E-03	3.23E-09	5.08E-06	1.98E-05	4.83E-06	3.54E-03	7.29E-04	2.01E-03	3.23E-09	2.47E-06	9.63E-06	2.35E-06	2.76E-03
3178	475363.09, 3846877.25	0.0011	0.0089	0.0005	0.0008	0.001	0.0008	0.009	0.0089	1.47E-03	1.76E-03	3.10E-09	5.02E-06	2.08E-05	4.71E-06	3.26E-03	7.16E-04	1.76E-03	3.10E-09	2.44E-06	1.01E-05	2.29E-06	2.49E-03
3179	475863.09, 3846877.25	0.0011	0.0084	0.0005	0.0007	0.001	0.0008	0.0085	0.0084	1.48E-03	1.65E-03	3.10E-09	4.76E-06	2.04E-05	4.77E-06	3.16E-03	7.22E-04	1.65E-03	3.10E-09	2.32E-06	9.93E-06	2.32E-06	2.39E-03
3180	476363.09, 3846877.25	0.0011	0.0077	0.0005	0.0007	0.0009	0.0008	0.0077	0.0077	1.51E-03	1.51E-03	3.03E-09	4.50E-06	1.88E-05	4.89E-06	3.05E-03	7.36E-04	1.51E-03	3.03E-09	2.19E-06	9.13E-06	2.38E-06	2.26E-03
3181	476863.09, 3846877.25	0.0011	0.0069	0.0005	0.0007	0.0008	0.0008	0.007	0.0069	1.54E-03	1.37E-03	3.03E-09	4.37E-06	1.71E-05	4.77E-06	2.93E-03	7.49E-04	1.37E-03	3.03E-09	2.13E-06	8.34E-06	2.32E-06	2.13E-03
3182	477363.09, 3846877.25	0.0011	0.0064	0.0005	0.0007	0.0008	0.0008	0.0064	0.0064	1.54E-03	1.25E-03	3.03E-09	4.57E-06	1.61E-05	4.71E-06	2.82E-03	7.49E-04	1.25E-03	3.03E-09	2.22E-06	7.84E-06	2.29E-06	2.01E-03
3183	477863.09, 3846877.25	0.0011	0.0058	0.0005	0.0007	0.0008	0.0008	0.0059	0.0058	1.47E-03	1.14E-03	3.03E-09	4.63E-06	1.61E-05	4.71E-06	2.63E-03	7.16E-04	1.14E-03	3.03E-09	2.25E-06	7.84E-06	2.29E-06	1.87E-03
3184	478363.09, 3846877.25	0.0011	0.0054	0.0005	0.0007	0.0009	0.0008	0.0055	0.0054	1.46E-03	1.06E-03	3.10E-09	4.63E-06	1.84E-05	4.65E-06	2.54E-03	7.09E-04	1.06E-03	3.10E-09	2.25E-06	8.93E-06	2.26E-06	1.78E-03
3185	478863.09, 3846877.25	0.0011	0.0051	0.0005	0.0007	0.001	0.0008	0.0052	0.0051	1.47E-03	1.00E-03	3.16E-09	4.50E-06	2.10E-05	4.59E-06	2.51E-03	7.16E-04	1.00E-03	3.16E-09	2.19E-06	1.02E-05	2.23E-06	1.74E-03
3186	479363.09, 3846877.25	0.0011	0.0048	0.0005	0.0007	0.0009	0.0007	0.0048	0.0048	1.47E-03	9.42E-04	3.10E-09	4.44E-06	1.88E-05	4.53E-06	2.44E-03	7.16E-04	9.42E-04	3.10E-09	2.16E-06	9.13E-06	2.20E-06	1.67E-03
3187	479863.09, 3846877.25	0.0011	0.0043	0.0005	0.0007	0.0008	0.0007	0.0043	0.0043	1.46E-03	8.37E-04	3.10E-09	4.31E-06	1.59E-05	4.47E-06	2.32E-03	7.09E-04	8.37E-04	3.10E-09	2.10E-06	7.74E-06	2.17E-06	1.56E-03
3188	480363.09, 3846877.25	0.0011	0.0039	0.0005	0.0007	0.0008	0.0007	0.0039	0.0039	1.50E-03	7.64E-04	3.16E-09	4.18E-06	1.53E-05	4.53E-06	2.29E-03	7.29E-04	7.64E-04	3.16E-09	2.04E-06	7.45E-06	2.20E-06	1.51E-03
3189	480863.09, 3846877.25	0.0011	0.0037	0.0005	0.0007	0.0007	0.0008	0.0037	0.0037	1.55E-03	7.19E-04	3.37E-09	4.18E-06	1.51E-05	4.59E-06	2.29E-03	7.55E-04	7.19E-04	3.37E-09	2.04E-06	7.35E-06	2.23E-06	1.49E-03
3190	481363.09, 3846877.25	0.0012	0.0036	0.0005	0.0007	0.0008	0.0008	0.0036	0.0036	1.61E-03	7.09E-04	3.50E-09	4.31E-06	1.55E-05	4.65E-06	2.34E-03	7.82E-04	7.09E-04	3.50E-09	2.10E-06	7.54E-06	2.26E-06	1.50E-03
3191	481863.09, 3846877.25	0.0012	0.0035	0.0005	0.0007	0.0008	0.0008	0.0035	0.0035	1.58E-03	6.82E-04	3.30E-09	4.37E-06	1.61E-05	4.59E-06	2.29E-03	7.69E-04	6.82E-04	3.30E-09	2.13E-06	7.84E-06	2.23E-06	1.46E-03
3192	482363.09, 3846877.25	0.0011	0.0032	0.0005	0.0007	0.0008	0.0007	0.0032	0.0032	1.47E-03	6.28E-04	3.16E-09	4.25E-06	1.63E-05	4.47E-06	2.12E-03	7.16E-04	6.28E-04	3.16E-09	2.07E-06	7.94E-06	2.17E-06	1.36E-03
3193	482863.09, 3846877.25	0.0011	0.0031	0.0005	0.0007	0.0008	0.0007	0.0031	0.0031	1.47E-03	6.07E-04	3.10E-09	4.25E-06	1.59E-05	4.53E-06	2.10E-03	7.16E-04	6.07E-04	3.10E-09	2.07E-06	7.74E-06	2.20E-06	1.33E-03
3194	483363.09, 3846877.25	0.0011	0.003	0.0005	0.0007	0.0008	0.0007	0.003	0.003	1.46E-03	5.89E-04	3.16E-09	4.25E-06	1.59E-05	4.53E-06	2.07E-03	7.09E-04	5.89E-04	3.16E-09	2.07E-06	7.74E-06	2.20E-06	1.31E-03
3195	483863.09, 3846877.25	0.0011	0.0029	0.0005	0.0007	0.0009	0.0007	0.0029	0.0029	1.46E-03	5.71E-04	3.16E-09	4.25E-06	1.75E-05	4.47E-06	2.05E-03	7.09E-04	5.71E-04	3.16E-09	2.07E-06	8.54E-06	2.17E-06	1.29E-03
3196	484363.09, 3846877.25	0.0011	0.0029	0.0005	0.0007	0.0009	0.0007	0.0029	0.0029	1.46E-03	5.63E-04	3.23E-09	4.25E-06	1.88E-05	4.41E-06	2.05E-03	7.09E-04	5.63E-04	3.23E-09	2.07E-06	9.13E-06	2.14E-06	1.29E-03
3197	484863.09, 3846877.25	0.0011	0.0028	0.0005	0.0007	0.0009	0.0007	0.0028	0.0028	1.44E-03	5.46E-04	3.30E-09	4.18E-06	1.77E-05	4.28E-06	2.02E-03	7.02E-04	5.46E-04	3.30E-09	2.04E-06	8.64E-06	2.08E-06	1.26E-03
3198	485363.09, 3846877.25	0.0011	0.0027	0.0005	0.0007	0.0008	0.0007	0.0028	0.0027	1.44E-03	5.38E-04	3.23E-09	4.25E-06	1.67E-05	4.28E-06	2.01E-03	7.02E-04	5.38E-04	3.23E-09	2.07E-06	8.14E-06	2.08E-06	1.25E-03
3199	485863.09, 3846877.25	0.001	0.0026	0.0005	0.0007	0.0007	0.0007	0.0027	0.0026	1.42E-03	5.18E-04	3.16E-09	4.25E-06	1.45E-05	4.16E-06	1.96E-03	6.89E-04	5.18E-04	3.16E-09	2.07E-06	7.05E-06	2.03E-06	1.22E-03
3200	486363.09, 3846877.25	0.0011	0.0026	0.0005	0.0007	0.0007	0.0007	0.0027	0.0026	1.44E-03	5.20E-04	3.23E-09	4.25E-06	1.39E-05	4.22E-06	1.99E-03	7.02E-04	5.20E-04	3.23E-09	2.07E-06	6.75E-06	2.05E-06	1.23E-03
3201	486863.09, 3846877.25	0.001	0.0024	0.0005	0.0006	0.0007	0.0007	0.0025	0.0024	1.39E-03	4.81E-04	3.10E-09	4.05E-06	1.41E-05	4.10E-06	1.89E-03	6.76E-04	4.81E-04	3.10E-09	1.97E-06	6.85E-06	2.00E-06	1.17E-03
3202	487363.09, 3846877.25	0.001	0.0024	0.0005	0.0006	0.0007	0.0007	0.0025	0.0024	1.42E-03	4.79E-04	3.03E-09	4.05E-06	1.47E-05	4.16E-06	1.92E-03	6.89E-04	4.79E-04	3.03E-09	1.97E-06	7.15E-06	2.03E-06	1.18E-03
3203	487863.09, 3846877.25	0.0011	0.0024	0.0005	0.0006	0.0008	0.0007	0.0024	0.0024	1.43E-03	4.71E-04	3.03E-09	3.99E-06	1.55E-05	4.10E-06	1.92E-03	6.96E-04	4.71E-04	3.03E-09	1.94E-06	7.54E-06	2.00E-06	1.18E-03
3204	488363.09, 3846877.25	0.0011	0.0023	0.0005	0.0006	0.0008	0.0007	0.0024	0.0023	1.43E-03	4.57E-04	3.03E-09	3.92E-06	1.65E-05	4.10E-06	1.91E-03	6.96E-04	4.57E-04	3.03E-09	1.91E-06	8.04E-06	2.00E-06	1.16E-03
3205	488863.09, 3846877.25	0.0011	0.0023	0.0005	0.0006	0.0008	0.0007	0.0023	0.0023	1.43E-03	4.51E-04	3.03E-09	3.92E-06	1.57E-05	4.10E-06	1.90E-03	6.96E-04	4.51E-04	3.03E-09	1.91E-06	7.64E-06	2.00E-06	1.16E-03
3206	489363.09, 3846877.25	0.0011	0.0023	0.0005	0.0006	0.0007	0.0007	0.0023	0.0023	1.43E-03	4.45E-04	3.10E-09	3.92E-06	1.45E-05	4.16E-06	1.90E-03	6.96E-04	4.45E-04	3.10E-09	1.91E-06	7.05E-06	2.03E-06	1.15E-03
3207	489863.09, 3846877.25	0.0011	0.0022	0.0005	0.0006	0.0007	0.0007	0.0022	0.0022	1.43E-03	4.29E-04	3.16E-09	3.92E-06	1.45E-05	4.16E-06	1.88E-03	6.96E-04	4.29E-04	3.16E-09	1.91E-06	7.05E-06	2.03E-06	1.14E-03
3208	490363.09, 3846877.25	0.001	0.002	0.0005	0.0006	0.0007	0.0007	0.0021	0.002	1.39E-03	4.00E-04	3.16E-09	3.80E-06	1.43E-05	4.10E-06	1.81E-03	6.76E-04	4.00E-04	3.16E-09	1.85E-06	6.95E-06	2.00E-06	1.09E-03
3209	490863.09, 3846877.25	0.001	0.002	0.0005	0.0006	0.0007	0.0007	0.002	0.002	1.39E-03	3.86E-04	3.23E-09	3.80E-06	1.51E-05	4.10E-06	1.80E-03	6.76E-04	3.86E-04	3.23E-09	1.85E-06	7.35E-06	2.00E-06	1.07E-03
3210	491363.09, 3846877.25	0.001	0.0019	0.0005	0.0006	0.0008	0.0007	0.002	0.0019	1.42E-03	3.82E-04	3.30E-09	3.86E-06	1.55E-05	4.10E-06	1.82E-03	6.89E-04	3.82E-04	3.30E-09	1.88E-06	7.54E-06	2.00E-06	1.08E-03
3211	491863.09, 3846877.25	0.001	0.0019	0.0005	0.0006	0.0007	0.0007	0.0019	0.0019	1.42E-03	3.68E-04	3.30E-09	3.86E-06	1.51E-05	4.16E-06	1.81E-03	6.89E-04	3.68E-04	3.30E-09	1.88E-06	7.35E-06	2.03E-06	1.07E-03
3212	492363.09, 3846877.25	0.0011	0.002	0.0005	0.0006	0.0008	0.0007	0.002	0.002	1.50E-03	3.86E-04	3.43E-09	4.05E-06	1.53E-05	4.34E-06	1.91E-03	7.29E-04	3.86E-04	3.43E-09	1.97E-06	7.45E-06	2.11E-06	1.13E-03
3213	492863.09, 3846877.25	0.0011	0.002	0.0005	0.0006	0.0008	0.0007	0.002	0.002	1.52E-03	3.84E-04	3.50E-09	4.12E-06	1.53E-05	4.41E-06	1.93E-03	7.42E-04	3.84E-04	3.50E-09	2.00E-06	7.45E-06	2.14E-06	1.14E-03
3214	493363.09, 3846877.25	0.0012	0.002	0.0005	0.0007	0.0008	0.0007	0.002	0.002	1.57E-03	3.84E-04	3.64E-09	4.18E-06	1.55E-05	4.53E-06	1.97E-03	7.62E-04	3.84E-04	3.64E-09	2.04E-06	7.54E-06	2.20E-06	1.16E-03
3215	493863.09, 3846877.25	0.0012	0.002	0.0006	0.0007	0.0008	0.0008	0.002	0.002	1.59E-03	3.84E-04	3.84E-09	4.31E-06	1.57E-05	4.59E-06	2.00E-03	7.75E-04	3.84E-04	3.84E-09	2.10E-06	7.64E-06	2.23E-06	1.17E-03
3216	494363.09, 3846877.25	0.0012	0.0019	0.0006	0.0007	0.0008	0.0008	0.002	0.0019	1.62E-03	3.82E-04	3.91E-09	4.37E-06	1.55E-05	4.65E-06	2.03E-03	7.89E-04	3.82E-04	3.91E-09	2.13E-06	7.54E-06	2.26E-06	1.18E-03
3217	494863.09, 3846877.25	0.0012	0.0019	0.0006	0.0007	0.0008	0.0008	0.002	0.0019	1.66E-03	3.80E-04	3.97E-09	4.50E-06	1.57E-05	4.77E-06	2.07E-03	8.08E-04	3.80E-04	3.97E-09	2.19E-06	7.64E-06	2.32E-06	1.20E-03
3218	495363.09, 3846877.25	0.0012	0.0019	0.0006	0.0007	0.0008	0.0008	0.0019	0.0019	1.69E-03	3.78E-04	4.04E-09	4.57E-06	1.65E-05	4.89E-06	2.09E-03	8.22E-04	3.78E-04	4.04E-09	2.22E-06	8.04E-06	2.38E-06	1.21E-03
3219	495863.09, 3846877.25	0.0013	0.0019	0.0006	0.0007	0.0009	0.0008	0.0019	0.0019	1.73E-03	3.76E-04	4.24E-09	4.63E-06	1.77E-05	4.96E-06	2.13E-03	8.42E-04	3.76E-04	4.24E-09	2.25E-06	8.64E-06	2.41E-06	1.23E-03
3220	496363.09, 3846877.25	0.0013	0.0019	0.0007	0.0007	0.0009	0.0008	0.0019	0.0019	1.77E-03	3.76E-04	4.38E-09	4.70E-06	1.90E-05	5.14E-06	2.17E-03	8.61E-04	3.76E-04	4.38E-09	2.29E-06	9.23E-06	2.50E-06	1.25E-03

3221	496863.09, 3846877.25	0.0013	0.0019	0.0007	0.0008	0.001	0.0009	0.0019	0.0019	1.82E-03	3.78E-04	4.51E-09	4.82E-06	1.98E-05	5.32E-06	2.23E-03	8.88E-04	3.78E-04	4.51E-09	2.35E-06	9.63E-06	2.59E-06	1.28E-03
3222	497363.09, 3846877.25	0.0014	0.0019	0.0007	0.0008	0.001	0.0009	0.002	0.0019	1.89E-03	3.80E-04	4.71E-09	5.02E-06	2.08E-05	5.51E-06	2.30E-03	9.21E-04	3.80E-04	4.71E-09	2.44E-06	1.01E-05	2.68E-06	1.32E-03
3223	497863.09, 3846877.25	0.0014	0.0019	0.0007	0.0008	0.0011	0.0009	0.002	0.0019	1.96E-03	3.82E-04	4.92E-09	5.15E-06	2.18E-05	5.69E-06	2.38E-03	9.54E-04	3.82E-04	4.92E-09	2.50E-06	1.06E-05	2.77E-06	1.35E-03
3224	498363.09, 3846877.25	0.0015	0.0019	0.0008	0.0008	0.0011	0.001	0.0019	0.0019	2.00E-03	3.76E-04	5.05E-09	5.21E-06	2.18E-05	5.81E-06	2.41E-03	9.74E-04	3.76E-04	5.05E-09	2.54E-06	1.06E-05	2.83E-06	1.37E-03
3225	471363.09, 3847377.25	0.0012	0.006	0.0006	0.0008	0.001	0.0009	0.0061	0.006	1.65E-03	1.19E-03	3.97E-09	5.27E-06	2.08E-05	5.32E-06	2.87E-03	8.02E-04	1.19E-03	3.97E-09	2.57E-06	1.01E-05	2.59E-06	2.01E-03
3226	471863.09, 3847377.25	0.0012	0.0082	0.0006	0.0008	0.001	0.0009	0.0083	0.0082	1.66E-03	1.62E-03	3.84E-09	5.34E-06	2.12E-05	5.38E-06	3.31E-03	8.08E-04	1.62E-03	3.84E-09	2.60E-06	1.03E-05	2.62E-06	2.45E-03
3227	472363.09, 3847377.25	0.0012	0.0142	0.0005	0.0008	0.0011	0.0009	0.0143	0.0142	1.67E-03	2.79E-03	3.57E-09	5.34E-06	2.14E-05	5.38E-06	4.50E-03	8.15E-04	2.79E-03	3.57E-09	2.60E-06	1.04E-05	2.62E-06	3.62E-03
3228	472863.09, 3847377.25	0.0013	0.0636	0.0005	0.0008	0.001	0.0009	0.064	0.0636	1.70E-03	1.25E-02	3.30E-09	5.21E-06	2.12E-05	5.32E-06	1.43E-02	8.28E-04	1.25E-02	3.30E-09	2.54E-06	1.03E-05	2.59E-06	1.34E-02
3229	473363.09, 3847377.25	0.0012	0.0585	0.0005	0.0008	0.001	0.0008	0.059	0.0585	1.69E-03	1.15E-02	3.23E-09	4.89E-06	1.96E-05	5.14E-06	1.32E-02	8.22E-04	1.15E-02	3.23E-09	2.38E-06	9.53E-06	2.50E-06	1.24E-02
3230	473863.09, 3847377.25	0.0013	0.0275	0.0005	0.0007	0.0009	0.0008	0.0277	0.0275	1.72E-03	5.42E-03	3.37E-09	4.76E-06	1.88E-05	5.14E-06	7.16E-03	8.35E-04	5.42E-03	3.37E-09	2.32E-06	9.13E-06	2.50E-06	6.27E-03
3231	474363.09, 3847377.25	0.0013	0.0202	0.0005	0.0008	0.0009	0.0008	0.0203	0.0202	1.76E-03	3.97E-03	3.64E-09	4.82E-06	1.88E-05	5.08E-06	5.76E-03	8.55E-04	3.97E-03	3.64E-09	2.35E-06	9.13E-06	2.47E-06	4.84E-03
3232	474863.09, 3847377.25	0.0013	0.0149	0.0005	0.0008	0.001	0.0008	0.0151	0.0149	1.72E-03	2.94E-03	3.64E-09	5.02E-06	1.94E-05	5.02E-06	4.68E-03	8.35E-04	2.94E-03	3.64E-09	2.44E-06	9.43E-06	2.44E-06	3.79E-03
3233	475363.09, 3847377.25	0.0012	0.0119	0.0005	0.0008	0.001	0.0008	0.012	0.0119	1.66E-03	2.34E-03	3.43E-09	5.34E-06	2.04E-05	5.08E-06	4.03E-03	8.08E-04	2.34E-03	3.43E-09	2.60E-06	9.93E-06	2.47E-06	3.16E-03
3234	475863.09, 3847377.25	0.0012	0.0109	0.0005	0.0008	0.0011	0.0008	0.011	0.0109	1.65E-03	2.15E-03	3.37E-09	5.40E-06	2.18E-05	5.02E-06	3.82E-03	8.02E-04	2.15E-03	3.37E-09	2.63E-06	1.06E-05	2.44E-06	2.96E-03
3235	476363.09, 3847377.25	0.0012	0.01	0.0005	0.0008	0.0011	0.0008	0.0101	0.01	1.65E-03	1.96E-03	3.30E-09	5.15E-06	2.18E-05	5.14E-06	3.64E-03	8.02E-04	1.96E-03	3.30E-09	2.50E-06	1.06E-05	2.50E-06	2.78E-03
3236	476863.09, 3847377.25	0.0012	0.0087	0.0005	0.0007	0.001	0.0008	0.0088	0.0087	1.67E-03	1.72E-03	3.23E-09	4.76E-06	2.02E-05	5.14E-06	3.42E-03	8.15E-04	1.72E-03	3.23E-09	2.32E-06	9.83E-06	2.50E-06	2.55E-03
3237	477363.09, 3847377.25	0.0013	0.0079	0.0005	0.0007	0.0009	0.0008	0.008	0.0079	1.70E-03	1.55E-03	3.23E-09	4.70E-06	1.84E-05	5.08E-06	3.28E-03	8.28E-04	1.55E-03	3.23E-09	2.29E-06	8.93E-06	2.47E-06	2.40E-03
3238	477863.09, 3847377.25	0.0012	0.0071	0.0005	0.0008	0.0008	0.0008	0.0072	0.0071	1.69E-03	1.40E-03	3.23E-09	4.89E-06	1.71E-05	5.02E-06	3.12E-03	8.22E-04	1.40E-03	3.23E-09	2.38E-06	8.34E-06	2.44E-06	2.24E-03
3239	478363.09, 3847377.25	0.0012	0.0065	0.0005	0.0008	0.0009	0.0008	0.0066	0.0065	1.65E-03	1.28E-03	3.23E-09	4.95E-06	1.73E-05	4.96E-06	2.96E-03	8.02E-04	1.28E-03	3.23E-09	2.41E-06	8.44E-06	2.41E-06	2.10E-03
3240	478863.09, 3847377.25	0.0012	0.0061	0.0005	0.0008	0.001	0.0008	0.0062	0.0061	1.66E-03	1.21E-03	3.30E-09	4.95E-06	2.02E-05	4.96E-06	2.90E-03	8.08E-04	1.21E-03	3.30E-09	2.41E-06	9.83E-06	2.41E-06	2.03E-03
3241	479363.09, 3847377.25	0.0012	0.0054	0.0005	0.0007	0.0011	0.0008	0.0055	0.0054	1.61E-03	1.07E-03	3.23E-09	4.63E-06	2.16E-05	4.77E-06	2.71E-03	7.82E-04	1.07E-03	3.23E-09	2.25E-06	1.05E-05	2.32E-06	1.87E-03
3242	479863.09, 3847377.25	0.0011	0.0047	0.0005	0.0007	0.0009	0.0008	0.0047	0.0047	1.54E-03	9.18E-04	3.16E-09	4.44E-06	1.79E-05	4.59E-06	2.48E-03	7.49E-04	9.18E-04	3.16E-09	2.16E-06	8.74E-06	2.23E-06	1.68E-03
3243	480363.09, 3847377.25	0.0011	0.0039	0.0005	0.0007	0.0008	0.0007	0.004	0.0039	1.50E-03	7.76E-04	3.23E-09	4.25E-06	1.63E-05	4.53E-06	2.30E-03	7.29E-04	7.76E-04	3.23E-09	2.07E-06	7.94E-06	2.20E-06	1.52E-03
3244	480863.09, 3847377.25	0.0011	0.0037	0.0005	0.0007	0.0008	0.0007	0.0037	0.0037	1.50E-03	7.19E-04	3.37E-09	4.18E-06	1.59E-05	4.53E-06	2.24E-03	7.29E-04	7.19E-04	3.37E-09	2.04E-06	7.74E-06	2.20E-06	1.46E-03
3245	481363.09, 3847377.25	0.0012	0.0037	0.0005	0.0007	0.0008	0.0008	0.0037	0.0037	1.61E-03	7.29E-04	3.50E-09	4.31E-06	1.57E-05	4.65E-06	2.36E-03	7.82E-04	7.29E-04	3.50E-09	2.10E-06	7.64E-06	2.26E-06	1.52E-03
3246	481863.09, 3847377.25	0.0013	0.0039	0.0005	0.0007	0.0008	0.0008	0.004	0.0039	1.76E-03	7.70E-04	3.57E-09	4.63E-06	1.67E-05	4.83E-06	2.55E-03	8.55E-04	7.70E-04	3.57E-09	2.25E-06	8.14E-06	2.35E-06	1.64E-03
3247	482363.09, 3847377.25	0.0013	0.0038	0.0005	0.0007	0.0009	0.0008	0.0038	0.0038	1.73E-03	7.41E-04	3.50E-09	4.63E-06	1.73E-05	4.83E-06	2.50E-03	8.42E-04	7.41E-04	3.50E-09	2.25E-06	8.44E-06	2.35E-06	1.60E-03
3248	482863.09, 3847377.25	0.0013	0.0036	0.0005	0.0007	0.0008	0.0008	0.0036	0.0036	1.72E-03	7.01E-04	3.37E-09	4.50E-06	1.71E-05	4.83E-06	2.44E-03	8.35E-04	7.01E-04	3.37E-09	2.19E-06	8.34E-06	2.35E-06	1.55E-03
3249	483363.09, 3847377.25	0.0012	0.0034	0.0005	0.0007	0.0008	0.0008	0.0034	0.0034	1.65E-03	6.66E-04	3.30E-09	4.50E-06	1.65E-05	4.77E-06	2.34E-03	8.02E-04	6.66E-04	3.30E-09	2.19E-06	8.04E-06	2.32E-06	1.48E-03
3250	483863.09, 3847377.25	0.0012	0.0033	0.0005	0.0007	0.0009	0.0008	0.0033	0.0033	1.66E-03	6.48E-04	3.37E-09	4.50E-06	1.77E-05	4.77E-06	2.34E-03	8.08E-04	6.48E-04	3.37E-09	2.19E-06	8.64E-06	2.32E-06	1.47E-03
3251	484363.09, 3847377.25	0.0012	0.0033	0.0005	0.0007	0.001	0.0008	0.0033	0.0033	1.69E-03	6.46E-04	3.50E-09	4.57E-06	1.96E-05	4.77E-06	2.36E-03	8.22E-04	6.46E-04	3.50E-09	2.22E-06	9.53E-06	2.32E-06	1.48E-03
3252	484863.09, 3847377.25	0.0012	0.0032	0.0005	0.0007	0.001	0.0008	0.0032	0.0032	1.66E-03	6.23E-04	3.57E-09	4.57E-06	2.00E-05	4.65E-06	2.31E-03	8.08E-04	6.23E-04	3.57E-09	2.22E-06	9.73E-06	2.26E-06	1.45E-03
3253	485363.09, 3847377.25	0.0012	0.0031	0.0005	0.0007	0.0009	0.0008	0.0031	0.0031	1.65E-03	6.07E-04	3.50E-09	4.50E-06	1.92E-05	4.59E-06	2.28E-03	8.02E-04	6.07E-04	3.50E-09	2.19E-06	9.33E-06	2.23E-06	1.42E-03
3254	485863.09, 3847377.25	0.0012	0.003	0.0005	0.0007	0.0008	0.0007	0.0031	0.003	1.63E-03	5.97E-04	3.50E-09	4.57E-06	1.67E-05	4.53E-06	2.26E-03	7.95E-04	5.97E-04	3.50E-09	2.22E-06	8.14E-06	2.20E-06	1.40E-03
3255	486363.09, 3847377.25	0.0012	0.003	0.0005	0.0007	0.0007	0.0007	0.003	0.003	1.63E-03	5.89E-04	3.50E-09	4.57E-06	1.49E-05	4.53E-06	2.25E-03	7.95E-04	5.89E-04	3.50E-09	2.22E-06	7.25E-06	2.20E-06	1.40E-03
3256	486863.09, 3847377.25	0.0012	0.0028	0.0005	0.0007	0.0007	0.0007	0.0028	0.0028	1.59E-03	5.50E-04	3.43E-09	4.37E-06	1.49E-05	4.47E-06	2.17E-03	7.75E-04	5.50E-04	3.43E-09	2.13E-06	7.25E-06	2.17E-06	1.34E-03
3257	487363.09, 3847377.25	0.0012	0.0028	0.0005	0.0007	0.0008	0.0007	0.0028	0.0028	1.62E-03	5.44E-04	3.37E-09	4.37E-06	1.55E-05	4.47E-06	2.19E-03	7.89E-04	5.44E-04	3.37E-09	2.13E-06	7.54E-06	2.17E-06	1.34E-03
3258	487863.09, 3847377.25	0.0012	0.0026	0.0005	0.0007	0.0008	0.0007	0.0027	0.0026	1.58E-03	5.18E-04	3.30E-09	4.31E-06	1.65E-05	4.47E-06	2.12E-03	7.69E-04	5.18E-04	3.30E-09	2.10E-06	8.04E-06	2.17E-06	1.30E-03
3259	488363.09, 3847377.25	0.0012	0.0026	0.0005	0.0007	0.0009	0.0007	0.0026	0.0026	1.59E-03	5.04E-04	3.23E-09	4.25E-06	1.73E-05	4.41E-06	2.12E-03	7.75E-04	5.04E-04	3.23E-09	2.07E-06	8.44E-06	2.14E-06	1.29E-03
3260	488863.09, 3847377.25	0.0012	0.0025	0.0005	0.0007	0.0008	0.0007	0.0025	0.0025	1.59E-03	4.94E-04	3.30E-09	4.25E-06	1.65E-05	4.41E-06	2.11E-03	7.75E-04	4.94E-04	3.30E-09	2.07E-06	8.04E-06	2.14E-06	1.28E-03
3261	489363.09, 3847377.25	0.0012	0.0025	0.0005	0.0007	0.0008	0.0007	0.0025	0.0025	1.61E-03	4.85E-04	3.37E-09	4.25E-06	1.53E-05	4.47E-06	2.12E-03	7.82E-04	4.85E-04	3.37E-09	2.07E-06	7.45E-06	2.17E-06	1.28E-03
3262	489863.09, 3847377.25	0.0012	0.0024	0.0005	0.0007	0.0008	0.0007	0.0024	0.0024	1.57E-03	4.63E-04	3.43E-09	4.18E-06	1.53E-05	4.47E-06	2.05E-03	7.62E-04	4.63E-04	3.43E-09	2.04E-06	7.45E-06	2.17E-06	1.24E-03
3263	490363.09, 3847377.25	0.0011	0.0022	0.0005	0.0007	0.0008	0.0007	0.0023	0.0022	1.55E-03	4.41E-04	3.50E-09	4.18E-06	1.57E-05	4.47E-06	2.02E-03	7.55E-04	4.41E-04	3.50E-09	2.04E-06	7.64E-06	2.17E-06	1.21E-03
3264	490863.09, 3847377.25	0.0012	0.0022	0.0005	0.0007	0.0008	0.0007	0.0022	0.0022	1.57E-03	4.31E-04	3.57E-09	4.18E-06	1.65E-05	4.47E-06	2.02E-03	7.62E-04	4.31E-04	3.57E-09	2.04E-06	8.04E-06	2.17E-06	1.21E-03
3265	491363.09, 3847377.25	0.0012	0.0021	0.0005	0.0007	0.0008	0.0007	0.0022	0.0021	1.58E-03	4.22E-04	3.64E-09	4.25E-06	1.69E-05	4.53E-06	2.03E-03	7.69E-04	4.22E-04	3.64E-09	2.07E-06	8.24E-06	2.20E-06	1.20E-03
3266	491863.09, 3847377.25	0.0012	0.0022	0.0005	0.0007	0.0008	0.0008	0.0022	0.0022	1.63E-03	4.26E-04	3.64E-09	4.37E-06	1.63E-05	4.65E-06	2.08E-03	7.95E-04	4.26E-04	3.64E-09	2.13E-06	7.94E-06	2.26E-06	1.23E-03
3267	492363.09, 3847377.25	0.0012	0.0021	0.0006	0.0007	0.0008	0.0008	0.0021	0.0021	1.65E-03	4.14E-04	3.70E-09	4.37E-06	1.61E-05	4.71E-06	2.09E-03	8.02E-04	4.14E-04	3.70E-09	2.13E-06	7.84E-06	2.29E-06	1.23E-03
3268	492863.09, 3847377.25	0.0012	0.0021	0.0006	0.0007	0.0008	0.0008	0.0021	0.0021	1.69E-03	4.14E-04	3.91E-09	4.50E-06	1.61E-05	4.83E-06	2.13E-03	8.22E-04	4.14E-04	3.91E-09	2.19E-06	7.84E-06	2.35E-06	1.25E-03
3269	493363.09, 3847377.25	0.0013	0.0021	0.0006	0.0007	0.0008	0.0008	0.0021	0.0021	1.72E-03	4.10E-04	4.04E-09	4.57E-06	1.63E-05	4.89E-06	2.15E-03	8.35E-04	4.10E-04	4.04E-09	2.22E-06	7.94E-06	2.38E-06	1.26E-03
3270	493863.09, 3847377.25	0.0013	0.002	0.0006	0.0007	0.0008	0.0008	0.0021	0.002	1.73E-03	4.00E-04	4.17E-09	4.63E-06	1.63E-05	4.96E-06	2.15E-03	8.42E-04	4.00E-04	4.17E-09	2.25E-06	7.94E-06	2.41E-06	1.25E-03
3271	494363.09, 3847377.25	0.0013	0.002	0.0006	0.0007	0.0008	0.0008	0.002	0.002	1.74E-03	3.92E-04	4.17E-09	4.70E-06	1.65E-05	5.02E-06	2.16E-03	8.48E-04	3.92E-04	4.17E-09	2.29E-06	8.04E-06	2.44E-06	1.25E-03
3272	494863.09, 3847377.25	0.0013	0.002	0.0006	0.0008	0.0008	0.0008	0.002	0.002	1.77E-03	3.86E-04	4.31E-09	4.82E-06	1.71E-05	5.08E-06	2.18E-03	8.61E-04	3.86E-04	4.31E-09	2.35E-06	8.34E-06	2.47E-06	1.26E-03
3273	495363.09, 3847377.25	0.0013	0.0019	0.0007	0.0008	0.0009	0.0009	0.002	0.0019	1.81E-03	3.82E-04	4.44E-09	4.89E-06	1.82E-05	5.20E-06	2.22E-03	8.81E-04	3.82E-04	4.44E-09	2.38E-06	8.84E-06	2.53E-06	1.28E-03
3274	495863.09, 3847377.25	0.0014	0.0019	0.0007	0.0008	0.0009	0.0009	0.002	0.0019	1.85E-03	3.80E-04	4.65E-09	4.95E-06	1.90E-05	5.38E-06	2.26E-03	9.01E-04	3.80E-04	4.65E-09	2.41E-06	9.23E-06	2.62E-06	1.30E-03
3275	496363.09, 3847377.25	0.0014	0.0019	0.0007	0.0008	0.001	0.0009	0.002	0.0019	1.89E-03	3.78E-04	4.78E-09	5.08E-06	2.00E-05	5.51E-06	2.30E-03	9.21E-04	3.78E-04	4.78E-09	2.47E-06	9.73E-06	2.68E-06	1.31E-03
3276	496863.09, 3847377.25	0.0014	0.0019	0.0007	0.0008	0.0011	0.0009	0.002	0.0019	1.96E-03	3.82E-04	4.98E-09	5.21E-06	2.14E-05	5.75E-06	2.38E-03	9.54E-04	3.82E-04	4.98E-09	2.54E-06	1.04E-05	2.80E-06	1.35E-03
3277	497363.09, 3847377.25	0.0015	0.002	0.0008	0.0008	0.0011	0.001	0.002	0.002	2.04E-03	3.86E-04	5.25E-09	5.40E-06	2.24E-05	6.00E-06	2.46E-03	9.94E-04	3.86E-04	5.25E-09	2.63E-06	1.09E-05	2.92E-06	1.40E-03
3278	497863.09, 3847377.25	0.0016	0.002	0.0008	0.0009	0.0011	0.001	0.002	0.002	2.15E-03	3.94E-04	5.52E-09	5.60E-06	2.33E-05	6.24E-06	2.58E-03	1.05E-03	3.94E-04	5.52E-09	2.72E-06	1.13E-05	3.04E-06	1.46E-03
3279	498363.09, 3847377.25	0.0016	0.002	0.0009	0.0009	0.0011	0.001	0.002	0.002	2.21E-03	3.92E-04	5.72E-09	5.79E-06	2.30E-05	6.36E-06	2.63E-03	1.07E-03	3.92E-04	5.72E-09	2.82E-06	1.12E-05	3.10E-06	1.48E-03
3280	471363.09, 3847877.25	0.0013	0.0048	0.0006	0.0008	0.0011	0.0009	0.0048	0.0048	1.77E-03	9.38E-04	4.17E-09	5.34E-06	2.18E-05	5.57E-06	2.74E-03	8.61E-04	9.38E-04	4.17E-09	2.60E-06	1.06E-05	2.71E-06	1.82E-03
3281	471863.09, 3847877.25	0.0013	0.0058	0.0006	0.0009	0.0011	0.0009	0.0058	0.0058	1.80E-03	1.13E-03	4.24E-09	5.53E-06	2.20E-05	5.63E-06	2.97E-03	8.75E-04	1.13E-03	4.24E-09	2.69E-06	1.07E-05	2.74E-06	2.03E-03
3282	472363.09, 3847877.25	0.0014	0.0076	0.0006	0.0009	0.0011	0.0009	0.0076	0.0076	1.84E-03	1.49E-03	4.17E-09	5.66E-06	2.22E-05	5.69E-06	3.36E-03	8.95E-04	1.49E-03	4.17E-09	2.76E-06	1.08E-05	2.77E-06	2.40E-03

3283	472863.09, 3847877.25	0.0014	0.0112	0.0006	0.0009	0.0011	0.0009	0.0113	0.0112	1.89E-03	2.21E-03	3.97E-09	5.66E-06	2.26E-05	5.69E-06	4.13E-03	9.21E-04	2.21E-03	3.97E-09	2.76E-06	1.10E-05	2.77E-06	3.14E-03
3284	473363.09, 3847877.25	0.0014	0.0222	0.0006	0.0009	0.0011	0.0009	0.0223	0.0222	1.96E-03	4.37E-03	3.70E-09	5.60E-06	2.26E-05	5.75E-06	6.36E-03	9.54E-04	4.37E-03	3.70E-09	2.72E-06	1.10E-05	2.80E-06	5.34E-03
3285	473863.09, 3847877.25	0.0015	0.3923	0.0005	0.0009	0.0011	0.0009	0.3891	0.3923	2.07E-03	7.73E-02	3.50E-09	5.47E-06	2.20E-05	5.69E-06	7.94E-02	1.01E-03	7.73E-02	3.50E-09	2.66E-06	1.07E-05	2.77E-06	7.83E-02
3286	474363.09, 3847877.25	0.0015	0.0422	0.0005	0.0008	0.001	0.0009	0.0427	0.0422	2.10E-03	8.31E-03	3.57E-09	5.08E-06	2.04E-05	5.51E-06	1.04E-02	1.02E-03	8.31E-03	3.57E-09	2.47E-06	9.93E-06	2.68E-06	9.34E-03
3287	474863.09, 3847877.25	0.0015	0.0256	0.0006	0.0008	0.001	0.0009	0.0258	0.0256	2.10E-03	5.04E-03	3.91E-09	5.15E-06	2.00E-05	5.45E-06	7.17E-03	1.02E-03	5.04E-03	3.91E-09	2.50E-06	9.73E-06	2.65E-06	6.08E-03
3288	475363.09, 3847877.25	0.0015	0.0172	0.0006	0.0008	0.001	0.0009	0.0173	0.0172	1.97E-03	3.38E-03	3.84E-09	5.21E-06	2.02E-05	5.32E-06	5.39E-03	9.61E-04	3.38E-03	3.84E-09	2.54E-06	9.83E-06	2.59E-06	4.36E-03
3289	475863.09, 3847877.25	0.0014	0.0132	0.0005	0.0009	0.001	0.0009	0.0133	0.0132	1.87E-03	2.60E-03	3.64E-09	5.53E-06	2.12E-05	5.32E-06	4.50E-03	9.08E-04	2.60E-03	3.64E-09	2.69E-06	1.03E-05	2.59E-06	3.52E-03
3290	476363.09, 3847877.25	0.0014	0.0126	0.0005	0.0009	0.0011	0.0009	0.0127	0.0126	1.88E-03	2.47E-03	3.64E-09	5.85E-06	2.30E-05	5.45E-06	4.39E-03	9.15E-04	2.47E-03	3.64E-09	2.85E-06	1.12E-05	2.65E-06	3.41E-03
3291	476863.09, 3847877.25	0.0014	0.011	0.0005	0.0009	0.0011	0.0009	0.0111	0.011	1.88E-03	2.17E-03	3.50E-09	5.53E-06	2.33E-05	5.57E-06	4.08E-03	9.15E-04	2.17E-03	3.50E-09	2.69E-06	1.13E-05	2.71E-06	3.10E-03
3292	477363.09, 3847877.25	0.0014	0.0097	0.0005	0.0008	0.0011	0.0009	0.0098	0.0097	1.91E-03	1.92E-03	3.43E-09	5.15E-06	2.16E-05	5.57E-06	3.86E-03	9.28E-04	1.92E-03	3.43E-09	2.50E-06	1.05E-05	2.71E-06	2.86E-03
3293	477863.09, 3847877.25	0.0014	0.0088	0.0005	0.0008	0.001	0.0009	0.0089	0.0088	1.95E-03	1.74E-03	3.43E-09	5.08E-06	1.94E-05	5.38E-06	3.71E-03	9.48E-04	1.74E-03	3.43E-09	2.47E-06	9.43E-06	2.62E-06	2.70E-03
3294	478363.09, 3847877.25	0.0014	0.008	0.0005	0.0008	0.0009	0.0009	0.0081	0.008	1.92E-03	1.57E-03	3.43E-09	5.21E-06	1.82E-05	5.32E-06	3.52E-03	9.34E-04	1.57E-03	3.43E-09	2.54E-06	8.84E-06	2.59E-06	2.52E-03
3295	478863.09, 3847877.25	0.0014	0.0073	0.0005	0.0008	0.0009	0.0009	0.0075	0.0073	1.92E-03	1.45E-03	3.43E-09	5.34E-06	1.86E-05	5.32E-06	3.39E-03	9.34E-04	1.45E-03	3.43E-09	2.60E-06	9.03E-06	2.59E-06	2.39E-03
3296	479363.09, 3847877.25	0.0013	0.0062	0.0005	0.0008	0.001	0.0008	0.0062	0.0062	1.80E-03	1.21E-03	3.37E-09	4.95E-06	2.04E-05	5.02E-06	3.04E-03	8.75E-04	1.21E-03	3.37E-09	2.41E-06	9.93E-06	2.44E-06	2.10E-03
3297	479863.09, 3847877.25	0.0012	0.0048	0.0005	0.0007	0.0009	0.0008	0.0048	0.0048	1.63E-03	9.42E-04	3.30E-09	4.50E-06	1.90E-05	4.71E-06	2.60E-03	7.95E-04	9.42E-04	3.30E-09	2.19E-06	9.23E-06	2.29E-06	1.75E-03
3298	480363.09, 3847877.25	0.0013	0.0047	0.0005	0.0007	0.0009	0.0008	0.0047	0.0047	1.72E-03	9.26E-04	3.37E-09	4.57E-06	1.79E-05	4.77E-06	2.67E-03	8.35E-04	9.26E-04	3.37E-09	2.22E-06	8.74E-06	2.32E-06	1.77E-03
3299	480863.09, 3847877.25	0.0013	0.0043	0.0005	0.0007	0.0008	0.0008	0.0044	0.0043	1.73E-03	8.53E-04	3.57E-09	4.50E-06	1.71E-05	4.83E-06	2.61E-03	8.42E-04	8.53E-04	3.57E-09	2.19E-06	8.34E-06	2.35E-06	1.71E-03
3300	481363.09, 3847877.25	0.0013	0.0042	0.0006	0.0007	0.0008	0.0008	0.0042	0.0042	1.81E-03	8.29E-04	3.70E-09	4.57E-06	1.67E-05	4.96E-06	2.67E-03	8.81E-04	8.29E-04	3.70E-09	2.22E-06	8.14E-06	2.41E-06	1.72E-03
3301	481863.09, 3847877.25	0.0015	0.0046	0.0006	0.0008	0.0008	0.0009	0.0046	0.0046	2.06E-03	9.02E-04	3.77E-09	4.95E-06	1.71E-05	5.20E-06	2.99E-03	1.00E-03	9.02E-04	3.77E-09	2.41E-06	8.34E-06	2.53E-06	1.92E-03
3302	482363.09, 3847877.25	0.0015	0.0043	0.0006	0.0008	0.0009	0.0009	0.0044	0.0043	2.00E-03	8.53E-04	3.70E-09	4.95E-06	1.82E-05	5.20E-06	2.88E-03	9.74E-04	8.53E-04	3.70E-09	2.41E-06	8.84E-06	2.53E-06	1.84E-03
3303	482863.09, 3847877.25	0.0014	0.0041	0.0005	0.0008	0.0009	0.0008	0.0041	0.0041	1.93E-03	7.98E-04	3.64E-09	4.82E-06	1.84E-05	5.14E-06	2.76E-03	9.41E-04	7.98E-04	3.64E-09	2.35E-06	8.93E-06	2.50E-06	1.75E-03
3304	483363.09, 3847877.25	0.0014	0.0039	0.0005	0.0007	0.0009	0.0008	0.0039	0.0039	1.93E-03	7.58E-04	3.50E-09	4.76E-06	1.77E-05	5.14E-06	2.72E-03	9.41E-04	7.58E-04	3.50E-09	2.32E-06	8.64E-06	2.50E-06	1.71E-03
3305	483863.09, 3847877.25	0.0014	0.0037	0.0005	0.0008	0.0009	0.0008	0.0038	0.0037	1.96E-03	7.37E-04	3.64E-09	4.82E-06	1.82E-05	5.14E-06	2.73E-03	9.54E-04	7.37E-04	3.64E-09	2.35E-06	8.84E-06	2.50E-06	1.70E-03
3306	484363.09, 3847877.25	0.0015	0.0037	0.0006	0.0008	0.001	0.0008	0.0038	0.0037	1.97E-03	7.29E-04	3.77E-09	4.89E-06	2.02E-05	5.14E-06	2.73E-03	9.61E-04	7.29E-04	3.77E-09	2.38E-06	9.83E-06	2.50E-06	1.70E-03
3307	484863.09, 3847877.25	0.0014	0.0036	0.0006	0.0008	0.0011	0.0008	0.0036	0.0036	1.95E-03	7.05E-04	3.84E-09	4.89E-06	2.14E-05	5.08E-06	2.68E-03	9.48E-04	7.05E-04	3.84E-09	2.38E-06	1.04E-05	2.47E-06	1.67E-03
3308	485363.09, 3847877.25	0.0014	0.0035	0.0006	0.0008	0.001	0.0008	0.0036	0.0035	1.93E-03	6.93E-04	3.77E-09	4.95E-06	2.12E-05	5.02E-06	2.66E-03	9.41E-04	6.93E-04	3.77E-09	2.41E-06	1.03E-05	2.44E-06	1.65E-03
3309	485863.09, 3847877.25	0.0014	0.0035	0.0006	0.0008	0.001	0.0008	0.0035	0.0035	1.92E-03	6.80E-04	3.77E-09	4.95E-06	1.94E-05	4.96E-06	2.63E-03	9.34E-04	6.80E-04	3.77E-09	2.41E-06	9.43E-06	2.41E-06	1.63E-03
3310	486363.09, 3847877.25	0.0014	0.0033	0.0006	0.0008	0.0008	0.0008	0.0033	0.0033	1.85E-03	6.46E-04	3.70E-09	4.89E-06	1.63E-05	4.83E-06	2.52E-03	9.01E-04	6.46E-04	3.70E-09	2.38E-06	7.94E-06	2.35E-06	1.56E-03
3311	486863.09, 3847877.25	0.0013	0.0031	0.0006	0.0007	0.0008	0.0008	0.0032	0.0031	1.81E-03	6.19E-04	3.70E-09	4.76E-06	1.59E-05	4.77E-06	2.45E-03	8.81E-04	6.19E-04	3.70E-09	2.32E-06	7.74E-06	2.32E-06	1.51E-03
3312	487363.09, 3847877.25	0.0013	0.003	0.0006	0.0007	0.0008	0.0008	0.0031	0.003	1.81E-03	5.97E-04	3.70E-09	4.70E-06	1.65E-05	4.77E-06	2.43E-03	8.81E-04	5.97E-04	3.70E-09	2.29E-06	8.04E-06	2.32E-06	1.49E-03
3313	487863.09, 3847877.25	0.0013	0.0029	0.0005	0.0007	0.0009	0.0008	0.0029	0.0029	1.78E-03	5.69E-04	3.50E-09	4.57E-06	1.73E-05	4.77E-06	2.38E-03	8.68E-04	5.69E-04	3.50E-09	2.22E-06	8.44E-06	2.32E-06	1.45E-03
3314	488363.09, 3847877.25	0.0013	0.0028	0.0005	0.0007	0.0009	0.0008	0.0028	0.0028	1.78E-03	5.52E-04	3.50E-09	4.57E-06	1.84E-05	4.83E-06	2.36E-03	8.68E-04	5.52E-04	3.50E-09	2.22E-06	8.93E-06	2.35E-06	1.43E-03
3315	488863.09, 3847877.25	0.0013	0.0027	0.0005	0.0007	0.0009	0.0008	0.0028	0.0027	1.80E-03	5.40E-04	3.57E-09	4.63E-06	1.73E-05	4.83E-06	2.36E-03	8.75E-04	5.40E-04	3.57E-09	2.25E-06	8.44E-06	2.35E-06	1.43E-03
3316	489363.09, 3847877.25	0.0013	0.0027	0.0006	0.0007	0.0008	0.0008	0.0027	0.0027	1.80E-03	5.28E-04	3.70E-09	4.63E-06	1.63E-05	4.89E-06	2.35E-03	8.75E-04	5.28E-04	3.70E-09	2.25E-06	7.94E-06	2.38E-06	1.42E-03
3317	489863.09, 3847877.25	0.0014	0.0027	0.0006	0.0007	0.0009	0.0008	0.0027	0.0027	1.85E-03	5.24E-04	3.91E-09	4.76E-06	1.73E-05	4.96E-06	2.40E-03	9.01E-04	5.24E-04	3.91E-09	2.32E-06	8.44E-06	2.41E-06	1.44E-03
3318	490363.09, 3847877.25	0.0014	0.0026	0.0006	0.0007	0.0009	0.0008	0.0026	0.0026	1.84E-03	5.08E-04	3.97E-09	4.70E-06	1.77E-05	5.02E-06	2.37E-03	8.95E-04	5.08E-04	3.97E-09	2.29E-06	8.64E-06	2.44E-06	1.42E-03
3319	490863.09, 3847877.25	0.0014	0.0025	0.0006	0.0007	0.0009	0.0008	0.0025	0.0025	1.84E-03	4.91E-04	3.97E-09	4.76E-06	1.90E-05	5.08E-06	2.36E-03	8.95E-04	4.91E-04	3.97E-09	2.32E-06	9.23E-06	2.47E-06	1.40E-03
3320	491363.09, 3847877.25	0.0013	0.0024	0.0006	0.0007	0.0009	0.0008	0.0024	0.0024	1.80E-03	4.65E-04	3.91E-09	4.70E-06	1.79E-05	5.08E-06	2.29E-03	8.75E-04	4.65E-04	3.91E-09	2.29E-06	8.74E-06	2.47E-06	1.35E-03
3321	491863.09, 3847877.25	0.0013	0.0023	0.0006	0.0007	0.0009	0.0008	0.0023	0.0023	1.81E-03	4.55E-04	3.97E-09	4.76E-06	1.73E-05	5.08E-06	2.29E-03	8.81E-04	4.55E-04	3.97E-09	2.32E-06	8.44E-06	2.47E-06	1.35E-03
3322	492363.09, 3847877.25	0.0014	0.0023	0.0006	0.0008	0.0009	0.0009	0.0023	0.0023	1.84E-03	4.47E-04	4.17E-09	4.82E-06	1.73E-05	5.20E-06	2.31E-03	8.95E-04	4.47E-04	4.17E-09	2.35E-06	8.44E-06	2.53E-06	1.36E-03
3323	492863.09, 3847877.25	0.0014	0.0022	0.0007	0.0008	0.0009	0.0009	0.0023	0.0022	1.85E-03	4.39E-04	4.38E-09	4.89E-06	1.75E-05	5.26E-06	2.32E-03	9.01E-04	4.39E-04	4.38E-09	2.38E-06	8.54E-06	2.56E-06	1.35E-03
3324	493363.09, 3847877.25	0.0014	0.0021	0.0007	0.0008	0.0009	0.0009	0.0022	0.0021	1.84E-03	4.20E-04	4.44E-09	4.89E-06	1.73E-05	5.26E-06	2.29E-03	8.95E-04	4.20E-04	4.44E-09	2.38E-06	8.44E-06	2.56E-06	1.33E-03
3325	493863.09, 3847877.25	0.0014	0.0021	0.0007	0.0008	0.0009	0.0009	0.0021	0.0021	1.84E-03	4.06E-04	4.51E-09	4.95E-06	1.73E-05	5.32E-06	2.27E-03	8.95E-04	4.06E-04	4.51E-09	2.41E-06	8.44E-06	2.59E-06	1.31E-03
3326	494363.09, 3847877.25	0.0014	0.002	0.0007	0.0008	0.0009	0.0009	0.002	0.002	1.87E-03	3.96E-04	4.65E-09	5.02E-06	1.77E-05	5.38E-06	2.29E-03	9.08E-04	3.96E-04	4.65E-09	2.44E-06	8.64E-06	2.62E-06	1.32E-03
3327	494863.09, 3847877.25	0.0014	0.002	0.0007	0.0008	0.0009	0.0009	0.002	0.002	1.91E-03	3.92E-04	4.78E-09	5.15E-06	1.88E-05	5.51E-06	2.33E-03	9.28E-04	3.92E-04	4.78E-09	2.50E-06	9.13E-06	2.68E-06	1.33E-03
3328	495363.09, 3847877.25	0.0014	0.0019	0.0007	0.0008	0.001	0.0009	0.002	0.0019	1.93E-03	3.82E-04	4.92E-09	5.21E-06	1.98E-05	5.63E-06	2.35E-03	9.41E-04	3.82E-04	4.92E-09	2.54E-06	9.63E-06	2.74E-06	1.34E-03
3329	495863.09, 3847877.25	0.0014	0.0018	0.0007	0.0008	0.001	0.0009	0.0018	0.0018	1.91E-03	3.59E-04	4.98E-09	5.21E-06	2.00E-05	5.63E-06	2.30E-03	9.28E-04	3.59E-04	4.98E-09	2.54E-06	9.73E-06	2.74E-06	1.30E-03
3330	496363.09, 3847877.25	0.0015	0.0019	0.0008	0.0009	0.001	0.001	0.002	0.0019	2.04E-03	3.78E-04	5.32E-09	5.47E-06	2.12E-05	6.00E-06	2.45E-03	9.94E-04	3.78E-04	5.32E-09	2.66E-06	1.03E-05	2.92E-06	1.39E-03
3331	496863.09, 3847877.25	0.0016	0.0019	0.0008	0.0009	0.0011	0.001	0.002	0.0019	2.11E-03	3.82E-04	5.59E-09	5.66E-06	2.26E-05	6.18E-06	2.53E-03	1.03E-03	3.82E-04	5.59E-09	2.76E-06	1.10E-05	3.01E-06	1.43E-03
3332	497363.09, 3847877.25	0.0016	0.002	0.0009	0.0009	0.0012	0.0011	0.002	0.002	2.19E-03	3.88E-04	5.86E-09	5.85E-06	2.35E-05	6.42E-06	2.62E-03	1.07E-03	3.88E-04	5.86E-09	2.85E-06	1.14E-05	3.13E-06	1.47E-03
3333	497863.09, 3847877.25	0.0017	0.0021	0.0009	0.001	0.0012	0.0011	0.0021	0.0021	2.36E-03	4.06E-04	6.20E-09	6.18E-06	2.43E-05	6.79E-06	2.80E-03	1.15E-03	4.06E-04	6.20E-09	3.01E-06	1.18E-05	3.31E-06	1.57E-03
3334	498363.09, 3847877.25	0.0018	0.0021	0.0009	0.001	0.0012	0.0012	0.0021	0.0021	2.44E-03	4.08E-04	6.33E-09	6.43E-06	2.43E-05	7.04E-06	2.88E-03	1.19E-03	4.08E-04	6.33E-09	3.13E-06	1.18E-05	3.42E-06	1.61E-03
3335	471363.09, 3848377.25	0.0014	0.0041	0.0006	0.0009	0.0011	0.001	0.0041	0.0041	1.88E-03	7.98E-04	4.31E-09	5.47E-06	2.18E-05	5.81E-06	2.71E-03	9.15E-04	7.98E-04	4.31E-09	2.66E-06	1.06E-05	2.83E-06	1.73E-03
3336	471863.09, 3848377.25	0.0014	0.0047	0.0007	0.0009	0.0011	0.001	0.0047	0.0047	1.93E-03	9.24E-04	4.38E-09	5.60E-06	2.28E-05	5.87E-06	2.89E-03	9.41E-04	9.24E-04	4.38E-09	2.72E-06	1.11E-05	2.86E-06	1.88E-03
3337	472363.09, 3848377.25	0.0015	0.0056	0.0007	0.0009	0.0011	0.001	0.0056	0.0056	2.00E-03	1.10E-03	4.51E-09	5.72E-06	2.33E-05	5.93E-06	3.14E-03	9.74E-04	1.10E-03	4.51E-09	2.79E-06	1.13E-05	2.89E-06	2.09E-03
3338	472863.09, 3848377.25	0.0015	0.007	0.0007	0.0009	0.0012	0.001	0.007	0.007	2.08E-03	1.37E-03	4.51E-09	5.98E-06	2.35E-05	6.00E-06	3.49E-03	1.01E-03	1.37E-03	4.51E-09	2.91E-06	1.14E-05	2.92E-06	2.40E-03
3339	473363.09, 3848377.25	0.0016	0.0094	0.0007	0.0009	0.0012	0.001	0.0095	0.0094	2.22E-03	1.85E-03	4.38E-09	6.05E-06	2.39E-05	6.06E-06	4.11E-03	1.08E-03	1.85E-03	4.38E-09	2.94E-06	1.16E-05	2.95E-06	2.95E-03
3340	473863.09, 3848377.25	0.0019	0.0153	0.0006	0.0009	0.0012	0.001	0.0154	0.0153	2.57E-03	3.01E-03	4.04E-09	6.05E-06	2.41E-05	6.12E-06	5.62E-03	1.25E-03	3.01E-03	4.04E-09	2.94E-06	1.17E-05	2.98E-06	4.28E-03
3341	474363.09, 3848377.25	0.0043	0.0678	0.0006	0.0009	0.0012	0.001	0.0683	0.0678	5.83E-03	1.33E-02	3.77E-09	5.92E-06	2.39E-05	6.06E-06	1.92E-02	2.84E-03	1.33E-02	3.77E-09	2.88E-06	1.16E-05	2.95E-06	1.62E-02
3342	474863.09, 3848377.25	0.0023	0.0546	0.0006	0.0009	0.0011	0.001	0.055	0.0546	3.14E-03	1.08E-02	3.77E-09	5.60E-06	2.24E-05	5.93E-06	1.39E-02	1.53E-03	1.08E-02	3.77E-09	2.72E-06	1.09E-05	2.89E-06	1.23E-02
3343	475363.09, 3848377.25	0.002	0.0306	0.0006	0.0009	0.0011	0.001	0.0308	0.0306	2.65E-03	6.03E-03	4.24E-09	5.53E-06	2.14E-05	5.87E-06	8.72E-03	1.29E-03	6.03E-03	4.24E-09	2.69E-06	1.04E-05	2.86E-06	7.34E-03
3344	475863.09, 3848377.25	0.0018	0.0197	0.0006	0.0009	0.001	0.0009	0.0199	0.0197	2.40E-03	3.89E-03	4.17E-09	5.53E-06	2.12E-05	5.69E-06	6.32E-03	1.17E-03	3.89E-03	4.17E-09	2.69E-06	1.03E-05	2.77E-06	5.07E-03

3345	476363.09, 3848377.25	0.0017	0.0148	0.0006	0.0009	0.0011	0.0009	0.015	0.0148	2.25E-03	2.92E-03	3.91E-09	5.85E-06	2.22E-05	5.63E-06	5.20E-03	1.09E-03	2.92E-03	3.91E-09	2.85E-06	1.08E-05	2.74E-06	4.03E-03
3346	476863.09, 3848377.25	0.0017	0.0144	0.0006	0.001	0.0012	0.001	0.0146	0.0144	2.31E-03	2.83E-03	3.91E-09	6.30E-06	2.43E-05	5.87E-06	5.19E-03	1.13E-03	2.83E-03	3.91E-09	3.07E-06	1.18E-05	2.86E-06	3.98E-03
3347	477363.09, 3848377.25	0.0017	0.0127	0.0006	0.0009	0.0012	0.001	0.0128	0.0127	2.29E-03	2.49E-03	3.77E-09	5.92E-06	2.47E-05	6.00E-06	4.82E-03	1.11E-03	2.49E-03	3.77E-09	2.88E-06	1.20E-05	2.92E-06	3.62E-03
3348	477863.09, 3848377.25	0.0017	0.0114	0.0006	0.0009	0.0011	0.001	0.0115	0.0114	2.27E-03	2.25E-03	3.70E-09	5.53E-06	2.33E-05	5.93E-06	4.56E-03	1.11E-03	2.25E-03	3.70E-09	2.69E-06	1.13E-05	2.89E-06	3.37E-03
3349	478363.09, 3848377.25	0.0017	0.0103	0.0006	0.0009	0.001	0.0009	0.0104	0.0103	2.30E-03	2.02E-03	3.70E-09	5.47E-06	2.08E-05	5.69E-06	4.35E-03	1.12E-03	2.02E-03	3.70E-09	2.66E-06	1.01E-05	2.77E-06	3.16E-03
3350	478863.09, 3848377.25	0.0017	0.0091	0.0005	0.0009	0.0009	0.0009	0.0092	0.0091	2.27E-03	1.79E-03	3.64E-09	5.53E-06	1.92E-05	5.57E-06	4.09E-03	1.11E-03	1.79E-03	3.64E-09	2.69E-06	9.33E-06	2.71E-06	2.91E-03
3351	479363.09, 3848377.25	0.0016	0.0075	0.0005	0.0008	0.0009	0.0009	0.0076	0.0075	2.15E-03	1.49E-03	3.57E-09	5.40E-06	1.92E-05	5.38E-06	3.67E-03	1.05E-03	1.49E-03	3.57E-09	2.63E-06	9.33E-06	2.62E-06	2.55E-03
3352	479863.09, 3848377.25	0.0013	0.0047	0.0005	0.0007	0.0009	0.0008	0.0048	0.0047	1.77E-03	9.30E-04	3.43E-09	4.50E-06	1.82E-05	4.77E-06	2.73E-03	8.61E-04	9.30E-04	3.43E-09	2.19E-06	8.84E-06	2.32E-06	1.80E-03
3353	480363.09, 3848377.25	0.0014	0.0053	0.0005	0.0007	0.001	0.0008	0.0053	0.0053	1.92E-03	1.04E-03	3.57E-09	4.76E-06	1.98E-05	5.02E-06	2.99E-03	9.34E-04	1.04E-03	3.57E-09	2.32E-06	9.63E-06	2.44E-06	1.99E-03
3354	480863.09, 3848377.25	0.0016	0.0058	0.0006	0.0008	0.0009	0.0009	0.0058	0.0058	2.16E-03	1.14E-03	3.77E-09	5.02E-06	1.92E-05	5.32E-06	3.33E-03	1.05E-03	1.14E-03	3.77E-09	2.44E-06	9.33E-06	2.59E-06	2.21E-03
3355	481363.09, 3848377.25	0.0017	0.0055	0.0006	0.0008	0.0009	0.0009	0.0056	0.0055	2.33E-03	1.09E-03	4.04E-09	5.15E-06	1.79E-05	5.51E-06	3.44E-03	1.13E-03	1.09E-03	4.04E-09	2.50E-06	8.74E-06	2.68E-06	2.23E-03
3356	481863.09, 3848377.25	0.0018	0.0053	0.0006	0.0008	0.0009	0.0009	0.0054	0.0053	2.44E-03	1.05E-03	4.11E-09	5.34E-06	1.77E-05	5.57E-06	3.52E-03	1.19E-03	1.05E-03	4.11E-09	2.60E-06	8.64E-06	2.71E-06	2.25E-03
3357	482363.09, 3848377.25	0.0018	0.0051	0.0006	0.0008	0.0009	0.0009	0.0052	0.0051	2.41E-03	1.00E-03	4.04E-09	5.40E-06	1.90E-05	5.63E-06	3.44E-03	1.17E-03	1.00E-03	4.04E-09	2.63E-06	9.23E-06	2.74E-06	2.19E-03
3358	482863.09, 3848377.25	0.0017	0.0047	0.0006	0.0008	0.001	0.0009	0.0048	0.0047	2.29E-03	9.24E-04	3.97E-09	5.27E-06	1.96E-05	5.57E-06	3.24E-03	1.11E-03	9.24E-04	3.97E-09	2.57E-06	9.53E-06	2.71E-06	2.05E-03
3359	483363.09, 3848377.25	0.0017	0.0045	0.0006	0.0008	0.001	0.0009	0.0045	0.0045	2.27E-03	8.79E-04	3.77E-09	5.21E-06	1.98E-05	5.57E-06	3.18E-03	1.11E-03	8.79E-04	3.77E-09	2.54E-06	9.63E-06	2.71E-06	2.00E-03
3360	483863.09, 3848377.25	0.0016	0.0042	0.0006	0.0008	0.0009	0.0009	0.0042	0.0042	2.23E-03	8.23E-04	3.84E-09	5.15E-06	1.88E-05	5.45E-06	3.09E-03	1.09E-03	8.23E-04	3.84E-09	2.50E-06	9.13E-06	2.65E-06	1.92E-03
3361	484363.09, 3848377.25	0.0017	0.0041	0.0006	0.0008	0.001	0.0009	0.0041	0.0041	2.25E-03	8.02E-04	3.97E-09	5.21E-06	2.04E-05	5.45E-06	3.08E-03	1.09E-03	8.02E-04	3.97E-09	2.54E-06	9.93E-06	2.65E-06	1.91E-03
3362	484863.09, 3848377.25	0.0017	0.0041	0.0006	0.0008	0.0011	0.0009	0.0041	0.0041	2.29E-03	8.02E-04	4.24E-09	5.34E-06	2.26E-05	5.57E-06	3.12E-03	1.11E-03	8.02E-04	4.24E-09	2.60E-06	1.10E-05	2.71E-06	1.93E-03
3363	485363.09, 3848377.25	0.0017	0.0039	0.0006	0.0008	0.0011	0.0009	0.004	0.0039	2.25E-03	7.74E-04	4.04E-09	5.34E-06	2.33E-05	5.38E-06	3.05E-03	1.09E-03	7.74E-04	4.04E-09	2.60E-06	1.13E-05	2.62E-06	1.88E-03
3364	485863.09, 3848377.25	0.0016	0.0038	0.0006	0.0008	0.0011	0.0009	0.0039	0.0038	2.19E-03	7.53E-04	3.97E-09	5.34E-06	2.18E-05	5.32E-06	2.98E-03	1.07E-03	7.53E-04	3.97E-09	2.60E-06	1.06E-05	2.59E-06	1.84E-03
3365	486363.09, 3848377.25	0.0016	0.0037	0.0006	0.0008	0.0009	0.0009	0.0037	0.0037	2.12E-03	7.19E-04	4.04E-09	5.27E-06	1.82E-05	5.20E-06	2.87E-03	1.03E-03	7.19E-04	4.04E-09	2.57E-06	8.84E-06	2.53E-06	1.77E-03
3366	486863.09, 3848377.25	0.0015	0.0035	0.0006	0.0008	0.0008	0.0008	0.0035	0.0035	2.07E-03	6.84E-04	4.04E-09	5.15E-06	1.69E-05	5.14E-06	2.78E-03	1.01E-03	6.84E-04	4.04E-09	2.50E-06	8.24E-06	2.50E-06	1.70E-03
3367	487363.09, 3848377.25	0.0015	0.0033	0.0006	0.0008	0.0009	0.0008	0.0033	0.0033	1.99E-03	6.42E-04	3.97E-09	5.02E-06	1.75E-05	5.14E-06	2.66E-03	9.68E-04	6.42E-04	3.97E-09	2.44E-06	8.54E-06	2.50E-06	1.62E-03
3368	487863.09, 3848377.25	0.0015	0.0032	0.0006	0.0008	0.0009	0.0009	0.0032	0.0032	1.99E-03	6.23E-04	3.77E-09	4.95E-06	1.86E-05	5.20E-06	2.64E-03	9.68E-04	6.23E-04	3.77E-09	2.41E-06	9.03E-06	2.53E-06	1.60E-03
3369	488363.09, 3848377.25	0.0015	0.0031	0.0006	0.0008	0.001	0.0009	0.0031	0.0031	2.00E-03	6.03E-04	3.77E-09	5.02E-06	1.94E-05	5.26E-06	2.63E-03	9.74E-04	6.03E-04	3.77E-09	2.44E-06	9.43E-06	2.56E-06	1.59E-03
3370	488863.09, 3848377.25	0.0015	0.003	0.0006	0.0008	0.0009	0.0009	0.003	0.003	2.01E-03	5.85E-04	3.91E-09	5.08E-06	1.84E-05	5.32E-06	2.63E-03	9.81E-04	5.85E-04	3.91E-09	2.47E-06	8.93E-06	2.59E-06	1.58E-03
3371	489363.09, 3848377.25	0.0015	0.0029	0.0006	0.0008	0.0009	0.0009	0.003	0.0029	2.04E-03	5.73E-04	4.17E-09	5.21E-06	1.79E-05	5.38E-06	2.64E-03	9.94E-04	5.73E-04	4.17E-09	2.54E-06	8.74E-06	2.62E-06	1.58E-03
3372	489863.09, 3848377.25	0.0015	0.0029	0.0006	0.0008	0.0009	0.0009	0.0029	0.0029	2.08E-03	5.69E-04	4.24E-09	5.27E-06	1.86E-05	5.45E-06	2.68E-03	1.01E-03	5.69E-04	4.24E-09	2.57E-06	9.03E-06	2.65E-06	1.60E-03
3373	490363.09, 3848377.25	0.0015	0.0028	0.0006	0.0008	0.001	0.0009	0.0028	0.0028	2.10E-03	5.52E-04	4.31E-09	5.21E-06	1.98E-05	5.51E-06	2.68E-03	1.02E-03	5.52E-04	4.31E-09	2.54E-06	9.63E-06	2.68E-06	1.59E-03
3374	490863.09, 3848377.25	0.0015	0.0027	0.0006	0.0008	0.001	0.0009	0.0027	0.0027	2.06E-03	5.26E-04	4.31E-09	5.21E-06	2.04E-05	5.57E-06	2.61E-03	1.00E-03	5.26E-04	4.31E-09	2.54E-06	9.93E-06	2.71E-06	1.54E-03
3375	491363.09, 3848377.25	0.0015	0.0026	0.0007	0.0008	0.001	0.0009	0.0026	0.0026	2.04E-03	5.04E-04	4.38E-09	5.21E-06	1.94E-05	5.57E-06	2.58E-03	9.94E-04	5.04E-04	4.38E-09	2.54E-06	9.43E-06	2.71E-06	1.51E-03
3376	491863.09, 3848377.25	0.0015	0.0025	0.0007	0.0008	0.0009	0.0009	0.0025	0.0025	2.04E-03	4.89E-04	4.51E-09	5.21E-06	1.88E-05	5.63E-06	2.56E-03	9.94E-04	4.89E-04	4.51E-09	2.54E-06	9.13E-06	2.74E-06	1.50E-03
3377	492363.09, 3848377.25	0.0015	0.0024	0.0007	0.0008	0.0009	0.0009	0.0024	0.0024	2.00E-03	4.63E-04	4.65E-09	5.21E-06	1.86E-05	5.63E-06	2.49E-03	9.74E-04	4.63E-04	4.65E-09	2.54E-06	9.03E-06	2.74E-06	1.45E-03
3378	492863.09, 3848377.25	0.0014	0.0022	0.0007	0.0008	0.0009	0.0009	0.0023	0.0022	1.96E-03	4.37E-04	4.78E-09	5.21E-06	1.82E-05	5.57E-06	2.43E-03	9.54E-04	4.37E-04	4.78E-09	2.54E-06	8.84E-06	2.71E-06	1.41E-03
3379	493363.09, 3848377.25	0.0015	0.0022	0.0007	0.0008	0.0009	0.0009	0.0022	0.0022	1.97E-03	4.24E-04	4.92E-09	5.27E-06	1.82E-05	5.63E-06	2.43E-03	9.61E-04	4.24E-04	4.92E-09	2.57E-06	8.84E-06	2.74E-06	1.40E-03
3380	493863.09, 3848377.25	0.0015	0.0021	0.0007	0.0008	0.0009	0.0009	0.0021	0.0021	1.99E-03	4.08E-04	4.98E-09	5.34E-06	1.86E-05	5.75E-06	2.43E-03	9.68E-04	4.08E-04	4.98E-09	2.60E-06	9.03E-06	2.80E-06	1.39E-03
3381	494363.09, 3848377.25	0.0015	0.002	0.0008	0.0008	0.001	0.001	0.002	0.002	2.00E-03	3.96E-04	5.05E-09	5.40E-06	1.96E-05	5.87E-06	2.43E-03	9.74E-04	3.96E-04	5.05E-09	2.63E-06	9.53E-06	2.86E-06	1.39E-03
3382	494863.09, 3848377.25	0.0015	0.002	0.0008	0.0009	0.001	0.001	0.002	0.002	2.06E-03	3.92E-04	5.25E-09	5.60E-06	2.06E-05	6.06E-06	2.48E-03	1.00E-03	3.92E-04	5.25E-09	2.72E-06	1.00E-05	2.95E-06	1.41E-03
3383	495363.09, 3848377.25	0.0015	0.0019	0.0008	0.0009	0.001	0.001	0.0019	0.0019	2.06E-03	3.74E-04	5.39E-09	5.60E-06	2.12E-05	6.06E-06	2.46E-03	1.00E-03	3.74E-04	5.39E-09	2.72E-06	1.03E-05	2.95E-06	1.39E-03
3384	495863.09, 3848377.25	0.0015	0.0019	0.0008	0.0009	0.0011	0.001	0.0019	0.0019	2.08E-03	3.66E-04	5.59E-09	5.72E-06	2.18E-05	6.18E-06	2.48E-03	1.01E-03	3.66E-04	5.59E-09	2.79E-06	1.06E-05	3.01E-06	1.40E-03
3385	496363.09, 3848377.25	0.0016	0.0019	0.0009	0.0009	0.0011	0.0011	0.0019	0.0019	2.16E-03	3.74E-04	5.99E-09	5.92E-06	2.28E-05	6.49E-06	2.57E-03	1.05E-03	3.74E-04	5.99E-09	2.88E-06	1.11E-05	3.16E-06	1.45E-03
3386	496863.09, 3848377.25	0.0016	0.0019	0.0009	0.0009	0.0011	0.0011	0.0019	0.0019	2.21E-03	3.64E-04	6.13E-09	6.05E-06	2.33E-05	6.61E-06	2.61E-03	1.07E-03	3.64E-04	6.13E-09	2.94E-06	1.13E-05	3.22E-06	1.46E-03
3387	497363.09, 3848377.25	0.0017	0.0019	0.001	0.001	0.0012	0.0011	0.002	0.0019	2.33E-03	3.78E-04	6.46E-09	6.30E-06	2.41E-05	6.91E-06	2.74E-03	1.13E-03	3.78E-04	6.46E-09	3.07E-06	1.17E-05	3.37E-06	1.53E-03
3388	497863.09, 3848377.25	0.0019	0.0021	0.001	0.0011	0.0013	0.0012	0.0022	0.0021	2.61E-03	4.22E-04	6.80E-09	6.88E-06	2.57E-05	7.53E-06	3.08E-03	1.27E-03	4.22E-04	6.80E-09	3.35E-06	1.25E-05	3.66E-06	1.71E-03
3389	498363.09, 3848377.25	0.002	0.0021	0.001	0.0011	0.0013	0.0013	0.0022	0.0021	2.67E-03	4.20E-04	6.94E-09	7.14E-06	2.63E-05	7.71E-06	3.13E-03	1.30E-03	4.20E-04	6.94E-09	3.48E-06	1.28E-05	3.75E-06	1.74E-03
3390	471363.09, 3848877.25	0.0014	0.0036	0.0007	0.0009	0.001	0.001	0.0036	0.0036	1.93E-03	6.99E-04	4.44E-09	5.79E-06	2.10E-05	6.06E-06	2.67E-03	9.41E-04	6.99E-04	4.44E-09	2.82E-06	1.02E-05	2.95E-06	1.66E-03
3391	471863.09, 3848877.25	0.0015	0.004	0.0007	0.0009	0.0011	0.001	0.004	0.004	2.00E-03	7.78E-04	4.58E-09	5.85E-06	2.20E-05	6.12E-06	2.81E-03	9.74E-04	7.78E-04	4.58E-09	2.85E-06	1.07E-05	2.98E-06	1.77E-03
3392	472363.09, 3848877.25	0.0015	0.0045	0.0007	0.0009	0.0012	0.001	0.0045	0.0045	2.08E-03	8.83E-04	4.71E-09	5.85E-06	2.35E-05	6.24E-06	3.00E-03	1.01E-03	8.83E-04	4.71E-09	2.85E-06	1.14E-05	3.04E-06	1.91E-03
3393	472863.09, 3848877.25	0.0016	0.0053	0.0007	0.0009	0.0012	0.001	0.0053	0.0053	2.18E-03	1.04E-03	4.78E-09	5.98E-06	2.45E-05	6.30E-06	3.25E-03	1.06E-03	1.04E-03	4.78E-09	2.91E-06	1.19E-05	3.07E-06	2.12E-03
3394	473363.09, 3848877.25	0.0017	0.0064	0.0007	0.001	0.0012	0.001	0.0065	0.0064	2.30E-03	1.27E-03	4.92E-09	6.24E-06	2.49E-05	6.36E-06	3.61E-03	1.12E-03	1.27E-03	4.92E-09	3.04E-06	1.21E-05	3.10E-06	2.41E-03
3395	473863.09, 3848877.25	0.0019	0.0085	0.0007	0.001	0.0012	0.0011	0.0086	0.0085	2.55E-03	1.68E-03	4.85E-09	6.43E-06	2.53E-05	6.49E-06	4.26E-03	1.24E-03	1.68E-03	4.85E-09	3.13E-06	1.23E-05	3.16E-06	2.94E-03
3396	474363.09, 3848877.25	0.0023	0.0132	0.0007	0.001	0.0013	0.0011	0.0134	0.0132	3.13E-03	2.61E-03	4.51E-09	6.56E-06	2.57E-05	6.55E-06	5.78E-03	1.52E-03	2.61E-03	4.51E-09	3.19E-06	1.25E-05	3.19E-06	4.15E-03
3397	474863.09, 3848877.25	0.0052	0.0427	0.0006	0.001	0.0013	0.0011	0.0431	0.0427	7.08E-03	8.42E-03	4.11E-09	6.37E-06	2.57E-05	6.49E-06	1.55E-02	3.45E-03	8.42E-03	4.11E-09	3.10E-06	1.25E-05	3.16E-06	1.19E-02
3398	475363.09, 3848877.25	0.0054	0.0921	0.0006	0.001	0.0012	0.0011	0.0928	0.0921	7.35E-03	1.81E-02	4.11E-09	6.18E-06	2.49E-05	6.49E-06	2.55E-02	3.58E-03	1.81E-02	4.11E-09	3.01E-06	1.21E-05	3.16E-06	2.17E-02
3399	475863.09, 3848877.25	0.0035	0.045	0.0007	0.0009	0.0012	0.0011	0.0453	0.045	4.70E-03	8.86E-03	4.51E-09	6.05E-06	2.35E-05	6.42E-06	1.36E-02	2.29E-03	8.86E-03	4.51E-09	2.94E-06	1.14E-05	3.13E-06	1.12E-02
3400	476363.09, 3848877.25	0.0028	0.0315	0.0007	0.0009	0.0011	0.001	0.0317	0.0315	3.85E-03	6.21E-03	4.65E-09	5.92E-06	2.26E-05	6.12E-06	1.01E-02	1.88E-03	6.21E-03	4.65E-09	2.88E-06	1.10E-05	2.98E-06	8.10E-03
3401	476863.09, 3848877.25	0.0025	0.0239	0.0006	0.001	0.0011	0.001	0.0241	0.0239	3.43E-03	4.71E-03	4.31E-09	6.18E-06	2.33E-05	6.06E-06	8.18E-03	1.67E-03	4.71E-03	4.31E-09	3.01E-06	1.13E-05	2.95E-06	6.40E-03
3402	477363.09, 3848877.25	0.0024	0.0216	0.0006	0.0011	0.0013	0.001	0.0219	0.0216	3.24E-03	4.26E-03	4.24E-09	6.82E-06	2.55E-05	6.36E-06	7.54E-03	1.58E-03	4.26E-03	4.24E-09	3.32E-06	1.24E-05	3.10E-06	5.86E-03
3403	477863.09, 3848877.25	0.0022	0.0177	0.0006	0.001	0.0013	0.0011	0.0178	0.0177	3.05E-03	3.48E-03	4.04E-09	6.43E-06	2.65E-05	6.55E-06	6.57E-03	1.48E-03	3.48E-03	4.04E-09	3.13E-06	1.29E-05	3.19E-06	4.98E-03
3404	478363.09, 3848877.25	0.0022	0.0149	0.0006	0.0009	0.0012	0.001	0.015	0.0149	2.98E-03	2.94E-03	3.97E-09	5.98E-06	2.51E-05	6.36E-06	5.96E-03	1.45E-03	2.94E-03	3.97E-09	2.91E-06	1.22E-05	3.10E-06	4.41E-03
3405	478863.09, 3848877.25	0.0022	0.0125	0.0006	0.0009	0.0011	0.001	0.0126	0.0125	2.97E-03	2.46E-03	3.91E-09	5.92E-06	2.24E-05	6.12E-06	5.46E-03	1.44E-03	2.46E-03	3.91E-09	2.88E-06	1.09E-05	2.98E-06	3.92E-03
3406	479363.09, 3848877.25	0.0021	0.0103	0.0006	0.0009	0.001	0.001	0.0104	0.0103	2.86E-03	2.02E-03	3.84E-09	5.85E-06	2.04E-05	5.93E-06	4.91E-03	1.39E-03	2.02E-03	3.84E-09	2.85E-06	9.93E-06	2.89E-06	3.43E-03

3407	479863.09, 3848877.25	0.002	0.0085	0.0006	0.0009	0.001	0.001	0.0086	0.0085	2.71E-03	1.68E-03	3.84E-09	5.79E-06	2.08E-05	5.81E-06	4.42E-03	1.32E-03	1.68E-03	3.84E-09	2.82E-06	1.01E-05	2.83E-06	3.01E-03
3408	480363.09, 3848877.25	0.002	0.008	0.0006	0.0009	0.0012	0.001	0.0081	0.008	2.75E-03	1.57E-03	3.91E-09	5.72E-06	2.47E-05	5.81E-06	4.36E-03	1.34E-03	1.57E-03	3.91E-09	2.79E-06	1.20E-05	2.83E-06	2.93E-03
3409	480863.09, 3848877.25	0.0021	0.0075	0.0006	0.0009	0.0012	0.001	0.0076	0.0075	2.87E-03	1.48E-03	4.11E-09	5.79E-06	2.51E-05	6.00E-06	4.39E-03	1.40E-03	1.48E-03	4.11E-09	2.82E-06	1.22E-05	2.92E-06	2.90E-03
3410	481363.09, 3848877.25	0.0022	0.0069	0.0007	0.0009	0.001	0.001	0.0069	0.0069	3.00E-03	1.36E-03	4.58E-09	5.72E-06	2.06E-05	6.12E-06	4.38E-03	1.46E-03	1.36E-03	4.58E-09	2.79E-06	1.00E-05	2.98E-06	2.83E-03
3411	481863.09, 3848877.25	0.0022	0.0062	0.0007	0.0009	0.0009	0.001	0.0062	0.0062	2.98E-03	1.21E-03	4.51E-09	5.72E-06	1.92E-05	6.00E-06	4.22E-03	1.45E-03	1.21E-03	4.51E-09	2.79E-06	9.33E-06	2.92E-06	2.68E-03
3412	482363.09, 3848877.25	0.002	0.0055	0.0006	0.0009	0.0009	0.001	0.0055	0.0055	2.72E-03	1.07E-03	4.24E-09	5.66E-06	1.90E-05	5.81E-06	3.83E-03	1.33E-03	1.07E-03	4.24E-09	2.76E-06	9.23E-06	2.83E-06	2.41E-03
3413	482863.09, 3848877.25	0.0019	0.0049	0.0006	0.0009	0.001	0.0009	0.005	0.0049	2.53E-03	9.67E-04	4.17E-09	5.47E-06	1.96E-05	5.75E-06	3.53E-03	1.23E-03	9.67E-04	4.17E-09	2.66E-06	9.53E-06	2.80E-06	2.21E-03
3414	483363.09, 3848877.25	0.0018	0.0045	0.0006	0.0008	0.001	0.0009	0.0046	0.0045	2.44E-03	8.87E-04	3.97E-09	5.34E-06	2.00E-05	5.69E-06	3.35E-03	1.19E-03	8.87E-04	3.97E-09	2.60E-06	9.73E-06	2.77E-06	2.09E-03
3415	483863.09, 3848877.25	0.0017	0.0043	0.0006	0.0008	0.001	0.0009	0.0044	0.0043	2.37E-03	8.49E-04	4.04E-09	5.34E-06	2.00E-05	5.69E-06	3.25E-03	1.15E-03	8.49E-04	4.04E-09	2.60E-06	9.73E-06	2.77E-06	2.02E-03
3416	484363.09, 3848877.25	0.0019	0.0045	0.0006	0.0009	0.001	0.001	0.0045	0.0045	2.55E-03	8.79E-04	4.31E-09	5.53E-06	2.08E-05	5.87E-06	3.46E-03	1.24E-03	8.79E-04	4.31E-09	2.69E-06	1.01E-05	2.86E-06	2.13E-03
3417	484863.09, 3848877.25	0.002	0.0046	0.0007	0.0009	0.0012	0.001	0.0046	0.0046	2.67E-03	8.96E-04	4.58E-09	5.85E-06	2.53E-05	6.06E-06	3.60E-03	1.30E-03	8.96E-04	4.58E-09	2.85E-06	1.23E-05	2.95E-06	2.21E-03
3418	485363.09, 3848877.25	0.0019	0.0044	0.0007	0.0009	0.0013	0.001	0.0044	0.0044	2.60E-03	8.61E-04	4.44E-09	5.85E-06	2.65E-05	5.93E-06	3.50E-03	1.27E-03	8.61E-04	4.44E-09	2.85E-06	1.29E-05	2.89E-06	2.15E-03
3419	485863.09, 3848877.25	0.0019	0.0042	0.0006	0.0009	0.0012	0.001	0.0043	0.0042	2.53E-03	8.27E-04	4.24E-09	5.79E-06	2.49E-05	5.81E-06	3.40E-03	1.23E-03	8.27E-04	4.24E-09	2.82E-06	1.21E-05	2.83E-06	2.08E-03
3420	486363.09, 3848877.25	0.0018	0.004	0.0007	0.0009	0.001	0.0009	0.004	0.004	2.41E-03	7.80E-04	4.38E-09	5.66E-06	2.02E-05	5.63E-06	3.22E-03	1.17E-03	7.80E-04	4.38E-09	2.76E-06	9.83E-06	2.74E-06	1.97E-03
3421	486863.09, 3848877.25	0.0017	0.0037	0.0007	0.0009	0.0009	0.0009	0.0038	0.0037	2.29E-03	7.31E-04	4.38E-09	5.53E-06	1.82E-05	5.57E-06	3.05E-03	1.11E-03	7.31E-04	4.38E-09	2.69E-06	8.84E-06	2.71E-06	1.86E-03
3422	487363.09, 3848877.25	0.0017	0.0036	0.0006	0.0009	0.0009	0.0009	0.0037	0.0036	2.29E-03	7.11E-04	4.24E-09	5.53E-06	1.88E-05	5.63E-06	3.03E-03	1.11E-03	7.11E-04	4.24E-09	2.69E-06	9.13E-06	2.74E-06	1.84E-03
3423	487863.09, 3848877.25	0.0017	0.0035	0.0006	0.0009	0.001	0.0009	0.0035	0.0035	2.25E-03	6.82E-04	4.11E-09	5.47E-06	1.98E-05	5.75E-06	2.96E-03	1.09E-03	6.82E-04	4.11E-09	2.66E-06	9.63E-06	2.80E-06	1.79E-03
3424	488363.09, 3848877.25	0.0017	0.0033	0.0006	0.0009	0.001	0.001	0.0034	0.0033	2.26E-03	6.58E-04	4.24E-09	5.53E-06	2.06E-05	5.81E-06	2.95E-03	1.10E-03	6.58E-04	4.24E-09	2.69E-06	1.00E-05	2.83E-06	1.77E-03
3425	488863.09, 3848877.25	0.0017	0.0032	0.0007	0.0009	0.001	0.001	0.0033	0.0032	2.26E-03	6.34E-04	4.51E-09	5.66E-06	1.94E-05	5.87E-06	2.93E-03	1.10E-03	6.34E-04	4.51E-09	2.76E-06	9.43E-06	2.86E-06	1.75E-03
3426	489363.09, 3848877.25	0.0017	0.0032	0.0007	0.0009	0.0009	0.001	0.0032	0.0032	2.27E-03	6.21E-04	4.65E-09	5.72E-06	1.92E-05	5.93E-06	2.93E-03	1.11E-03	6.21E-04	4.65E-09	2.79E-06	9.33E-06	2.89E-06	1.74E-03
3427	489863.09, 3848877.25	0.0017	0.0031	0.0007	0.0009	0.001	0.001	0.0031	0.0031	2.31E-03	6.09E-04	4.71E-09	5.79E-06	2.02E-05	6.00E-06	2.96E-03	1.13E-03	6.09E-04	4.71E-09	2.82E-06	9.83E-06	2.92E-06	1.75E-03
3428	490363.09, 3848877.25	0.0017	0.0029	0.0007	0.0009	0.0011	0.001	0.003	0.0029	2.30E-03	5.79E-04	4.65E-09	5.66E-06	2.14E-05	6.00E-06	2.91E-03	1.12E-03	5.79E-04	4.65E-09	2.76E-06	1.04E-05	2.92E-06	1.72E-03
3429	490863.09, 3848877.25	0.0017	0.0028	0.0007	0.0009	0.0011	0.001	0.0028	0.0028	2.27E-03	5.52E-04	4.71E-09	5.66E-06	2.16E-05	6.06E-06	2.86E-03	1.11E-03	5.52E-04	4.71E-09	2.76E-06	1.05E-05	2.95E-06	1.67E-03
3430	491363.09, 3848877.25	0.0017	0.0027	0.0007	0.0009	0.001	0.001	0.0027	0.0027	2.26E-03	5.30E-04	4.98E-09	5.72E-06	2.02E-05	6.12E-06	2.82E-03	1.10E-03	5.30E-04	4.98E-09	2.79E-06	9.83E-06	2.98E-06	1.65E-03
3431	491863.09, 3848877.25	0.0016	0.0025	0.0008	0.0009	0.001	0.001	0.0026	0.0025	2.21E-03	4.98E-04	5.05E-09	5.66E-06	1.96E-05	6.12E-06	2.74E-03	1.07E-03	4.98E-04	5.05E-09	2.76E-06	9.53E-06	2.98E-06	1.59E-03
3432	492363.09, 3848877.25	0.0016	0.0024	0.0008	0.0009	0.0009	0.001	0.0024	0.0024	2.15E-03	4.69E-04	5.25E-09	5.66E-06	1.92E-05	6.06E-06	2.65E-03	1.05E-03	4.69E-04	5.25E-09	2.76E-06	9.33E-06	2.95E-06	1.53E-03
3433	492863.09, 3848877.25	0.0016	0.0022	0.0008	0.0009	0.0009	0.001	0.0023	0.0022	2.11E-03	4.37E-04	5.32E-09	5.66E-06	1.92E-05	6.06E-06	2.58E-03	1.03E-03	4.37E-04	5.32E-09	2.76E-06	9.33E-06	2.95E-06	1.48E-03
3434	493363.09, 3848877.25	0.0015	0.0021	0.0008	0.0009	0.0009	0.001	0.0021	0.0021	2.07E-03	4.08E-04	5.32E-09	5.66E-06	1.92E-05	6.06E-06	2.51E-03	1.01E-03	4.08E-04	5.32E-09	2.76E-06	9.33E-06	2.95E-06	1.43E-03
3435	493863.09, 3848877.25	0.0016	0.0021	0.0008	0.0009	0.001	0.001	0.0021	0.0021	2.12E-03	4.04E-04	5.52E-09	5.79E-06	2.02E-05	6.24E-06	2.56E-03	1.03E-03	4.04E-04	5.52E-09	2.82E-06	9.83E-06	3.04E-06	1.45E-03
3436	494363.09, 3848877.25	0.0016	0.002	0.0008	0.0009	0.0011	0.0011	0.002	0.002	2.16E-03	3.94E-04	5.66E-09	5.92E-06	2.14E-05	6.42E-06	2.59E-03	1.05E-03	3.94E-04	5.66E-09	2.88E-06	1.04E-05	3.13E-06	1.46E-03
3437	494863.09, 3848877.25	0.0016	0.002	0.0009	0.001	0.0011	0.0011	0.002	0.002	2.22E-03	3.94E-04	5.93E-09	6.11E-06	2.26E-05	6.61E-06	2.65E-03	1.08E-03	3.94E-04	5.93E-09	2.97E-06	1.10E-05	3.22E-06	1.49E-03
3438	495363.09, 3848877.25	0.0017	0.002	0.0009	0.001	0.0012	0.0011	0.002	0.002	2.29E-03	3.90E-04	6.26E-09	6.24E-06	2.35E-05	6.79E-06	2.71E-03	1.11E-03	3.90E-04	6.26E-09	3.04E-06	1.14E-05	3.31E-06	1.52E-03
3439	495863.09, 3848877.25	0.0017	0.0019	0.001	0.001	0.0012	0.0011	0.0019	0.0019	2.27E-03	3.70E-04	6.40E-09	6.24E-06	2.37E-05	6.79E-06	2.68E-03	1.11E-03	3.70E-04	6.40E-09	3.04E-06	1.15E-05	3.31E-06	1.49E-03
3440	496363.09, 3848877.25	0.0017	0.0019	0.001	0.001	0.0012	0.0011	0.0019	0.0019	2.33E-03	3.66E-04	6.60E-09	6.43E-06	2.43E-05	6.98E-06	2.73E-03	1.13E-03	3.66E-04	6.60E-09	3.13E-06	1.18E-05	3.40E-06	1.52E-03
3441	496863.09, 3848877.25	0.0018	0.0019	0.001	0.001	0.0012	0.0012	0.002	0.0019	2.45E-03	3.80E-04	6.94E-09	6.69E-06	2.53E-05	7.34E-06	2.87E-03	1.19E-03	3.80E-04	6.94E-09	3.26E-06	1.23E-05	3.57E-06	1.59E-03
3442	497363.09, 3848877.25	0.002	0.0021	0.0011	0.0011	0.0013	0.0013	0.0022	0.0021	2.68E-03	4.16E-04	7.27E-09	7.20E-06	2.65E-05	7.89E-06	3.14E-03	1.31E-03	4.16E-04	7.27E-09	3.51E-06	1.29E-05	3.84E-06	1.74E-03
3443	497863.09, 3848877.25	0.0021	0.0022	0.0011	0.0012	0.0014	0.0013	0.0022	0.0022	2.83E-03	4.26E-04	7.54E-09	7.59E-06	2.79E-05	8.20E-06	3.30E-03	1.38E-03	4.26E-04	7.54E-09	3.69E-06	1.36E-05	3.99E-06	1.83E-03
3444	498363.09, 3848877.25	0.0022	0.0022	0.0012	0.0012	0.0015	0.0014	0.0022	0.0022	2.94E-03	4.31E-04	7.74E-09	7.98E-06	2.96E-05	8.50E-06	3.42E-03	1.43E-03	4.31E-04	7.74E-09	3.88E-06	1.44E-05	4.14E-06	1.89E-03
3445	471363.09, 3849377.25	0.0015	0.0031	0.0007	0.0009	0.0011	0.001	0.0031	0.0031	1.99E-03	6.13E-04	4.51E-09	5.98E-06	2.22E-05	6.30E-06	2.63E-03	9.68E-04	6.13E-04	4.51E-09	2.91E-06	1.08E-05	3.07E-06	1.60E-03
3446	471863.09, 3849377.25	0.0015	0.0034	0.0007	0.001	0.0011	0.0011	0.0035	0.0034	2.06E-03	6.78E-04	4.71E-09	6.18E-06	2.20E-05	6.42E-06	2.77E-03	1.00E-03	6.78E-04	4.71E-09	3.01E-06	1.07E-05	3.13E-06	1.70E-03
3447	472363.09, 3849377.25	0.0016	0.0038	0.0007	0.001	0.0011	0.0011	0.0039	0.0038	2.14E-03	7.53E-04	4.85E-09	6.24E-06	2.26E-05	6.55E-06	2.93E-03	1.04E-03	7.53E-04	4.85E-09	3.04E-06	1.10E-05	3.19E-06	1.81E-03
3448	472863.09, 3849377.25	0.0016	0.0043	0.0008	0.001	0.0012	0.0011	0.0043	0.0043	2.23E-03	8.49E-04	5.05E-09	6.30E-06	2.39E-05	6.67E-06	3.12E-03	1.09E-03	8.49E-04	5.05E-09	3.07E-06	1.16E-05	3.25E-06	1.95E-03
3449	473363.09, 3849377.25	0.0017	0.005	0.0008	0.001	0.0012	0.0011	0.0051	0.005	2.36E-03	9.93E-04	5.19E-09	6.37E-06	2.51E-05	6.73E-06	3.39E-03	1.15E-03	9.93E-04	5.19E-09	3.10E-06	1.22E-05	3.28E-06	2.16E-03
3450	473863.09, 3849377.25	0.0018	0.0061	0.0008	0.001	0.0013	0.0011	0.0062	0.0061	2.51E-03	1.20E-03	5.32E-09	6.50E-06	2.63E-05	6.79E-06	3.75E-03	1.22E-03	1.20E-03	5.32E-09	3.16E-06	1.28E-05	3.31E-06	2.44E-03
3451	474363.09, 3849377.25	0.002	0.0078	0.0008	0.0011	0.0013	0.0011	0.0078	0.0078	2.72E-03	1.53E-03	5.32E-09	6.75E-06	2.69E-05	6.85E-06	4.29E-03	1.33E-03	1.53E-03	5.32E-09	3.29E-06	1.31E-05	3.34E-06	2.87E-03
3452	474863.09, 3849377.25	0.0023	0.0107	0.0008	0.0011	0.0013	0.0012	0.0108	0.0107	3.08E-03	2.11E-03	5.12E-09	7.01E-06	2.73E-05	7.04E-06	5.23E-03	1.50E-03	2.11E-03	5.12E-09	3.41E-06	1.33E-05	3.42E-06	3.63E-03
3453	475363.09, 3849377.25	0.0028	0.0175	0.0007	0.0011	0.0014	0.0012	0.0177	0.0175	3.85E-03	3.44E-03	4.65E-09	7.01E-06	2.75E-05	7.04E-06	7.34E-03	1.88E-03	3.44E-03	4.65E-09	3.41E-06	1.34E-05	3.42E-06	5.34E-03
3454	475863.09, 3849377.25	0.0048	0.0302	0.0007	0.0011	0.0013	0.0012	0.0305	0.0302	6.48E-03	5.95E-03	4.58E-09	6.88E-06	2.71E-05	7.16E-06	1.25E-02	3.15E-03	5.95E-03	4.58E-09	3.35E-06	1.32E-05	3.48E-06	9.13E-03
3455	476363.09, 3849377.25	0.0095	0.0661	0.0007	0.0011	0.0013	0.0012	0.0664	0.0661	1.29E-02	1.30E-02	4.98E-09	6.75E-06	2.61E-05	7.16E-06	2.60E-02	6.29E-03	1.30E-02	4.98E-09	3.29E-06	1.27E-05	3.48E-06	1.93E-02
3456	476863.09, 3849377.25	0.0144	0.1828	0.0008	0.001	0.0012	0.0011	0.1849	0.1828	1.96E-02	3.60E-02	5.19E-09	6.56E-06	2.49E-05	6.79E-06	5.57E-02	9.55E-03	3.60E-02	5.19E-09	3.19E-06	1.21E-05	3.31E-06	4.56E-02
3457	477363.09, 3849377.25	0.0057	0.0525	0.0007	0.0011	0.0012	0.0011	0.053	0.0525	7.73E-03	1.04E-02	4.85E-09	6.75E-06	2.49E-05	6.61E-06	1.81E-02	3.76E-03	1.04E-02	4.85E-09	3.29E-06	1.21E-05	3.22E-06	1.41E-02
3458	477863.09, 3849377.25	0.0041	0.0315	0.0007	0.0011	0.0013	0.0011	0.0318	0.0315	5.57E-03	6.21E-03	4.51E-09	7.27E-06	2.65E-05	6.85E-06	1.18E-02	2.71E-03	6.21E-03	4.51E-09	3.54E-06	1.29E-05	3.34E-06	8.94E-03
3459	478363.09, 3849377.25	0.0036	0.0232	0.0007	0.0011	0.0014	0.0012	0.0234	0.0232	4.93E-03	4.57E-03	4.38E-09	7.08E-06	2.81E-05	7.22E-06	9.54E-03	2.40E-03	4.57E-03	4.38E-09	3.44E-06	1.37E-05	3.51E-06	6.99E-03
3460	478863.09, 3849377.25	0.0035	0.0175	0.0006	0.001	0.0013	0.0011	0.0176	0.0175	4.75E-03	3.46E-03	4.31E-09	6.43E-06	2.71E-05	6.73E-06	8.25E-03	2.31E-03	3.46E-03	4.31E-09	3.13E-06	1.32E-05	3.28E-06	5.79E-03
3461	479363.09, 3849377.25	0.0034	0.0143	0.0006	0.001	0.0012	0.0011	0.0145	0.0143	4.57E-03	2.82E-03	4.24E-09	6.43E-06	2.41E-05	6.55E-06	7.44E-03	2.23E-03	2.82E-03	4.24E-09	3.13E-06	1.17E-05	3.19E-06	5.07E-03
3462	479863.09, 3849377.25	0.003	0.0113	0.0006	0.001	0.0011	0.001	0.0114	0.0113	4.13E-03	2.22E-03	4.17E-09	6.30E-06	2.18E-05	6.36E-06	6.38E-03	2.01E-03	2.22E-03	4.17E-09	3.07E-06	1.06E-05	3.10E-06	4.24E-03
3463	480363.09, 3849377.25	0.003	0.0107	0.0006	0.001	0.0012	0.0011	0.0108	0.0107	4.14E-03	2.10E-03	4.31E-09	6.63E-06	2.35E-05	6.61E-06	6.28E-03	2.01E-03	2.10E-03	4.31E-09	3.22E-06	1.14E-05	3.22E-06	4.14E-03
3464	480863.09, 3849377.25	0.0029	0.0094	0.0007	0.001	0.0014	0.0011	0.0095	0.0094	3.91E-03	1.85E-03	4.38E-09	6.56E-06	2.86E-05	6.61E-06	5.80E-03	1.90E-03	1.85E-03	4.38E-09	3.19E-06	1.39E-05	3.22E-06	3.77E-03
3465	481363.09, 3849377.25	0.0027	0.008	0.0007	0.001	0.0013	0.0011	0.0081	0.008	3.73E-03	1.58E-03	4.78E-09	6.18E-06	2.59E-05	6.55E-06	5.35E-03	1.82E-03	1.58E-03	4.78E-09	3.01E-06	1.26E-05	3.19E-06	3.42E-03
3466	481863.09, 3849377.25	0.0025	0.0066	0.0007	0.0009	0.001	0.001	0.0067	0.0066	3.39E-03	1.30E-03	4.78E-09	5.92E-06	2.10E-05	6.30E-06	4.72E-03	1.65E-03	1.30E-03	4.78E-09	2.88E-06	1.02E-05	3.07E-06	2.96E-03
3467	482363.09, 3849377.25	0.0023	0.0059	0.0007	0.0009	0.001	0.001	0.0059	0.0059	3.13E-03	1.16E-03	4.51E-09	5.98E-06	2.02E-05	6.18E-06	4.32E-03	1.52E-03	1.16E-03	4.51E-09	2.91E-06	9.83E-06	3.01E-06	2.70E-03
3468	482863.09, 3849377.25	0.0021	0.0052	0.0007	0.0009	0.001	0.001	0.0052	0.0052	2.85E-03	1.02E-03	4.51E-09	5.72E-06	2.02E-05	6.06E-06	3.90E-03	1.39E-03	1.02E-03	4.51E-09	2.79E-06	9.83E-06	2.95E-06	2.42E-03

3469	483363.09, 3849377.25	0.002	0.0048	0.0006	0.0009	0.001	0.001	0.0048	0.0048	2.67E-03	9.38E-04	4.24E-09	5.66E-06	2.08E-05	6.00E-06	3.64E-03	1.30E-03	9.38E-04	4.24E-09	2.76E-06	1.01E-05	2.92E-06	2.25E-03
3470	483863.09, 3849377.25	0.0018	0.0043	0.0006	0.0009	0.001	0.001	0.0043	0.0043	2.46E-03	8.41E-04	4.24E-09	5.53E-06	2.10E-05	5.93E-06	3.34E-03	1.20E-03	8.41E-04	4.24E-09	2.69E-06	1.02E-05	2.89E-06	2.06E-03
3471	484363.09, 3849377.25	0.0021	0.0049	0.0007	0.0009	0.0011	0.0011	0.0049	0.0049	2.89E-03	9.57E-04	4.65E-09	5.98E-06	2.24E-05	6.42E-06	3.88E-03	1.40E-03	9.57E-04	4.65E-09	2.91E-06	1.09E-05	3.13E-06	2.38E-03
3472	484863.09, 3849377.25	0.0023	0.005	0.0007	0.001	0.0014	0.0011	0.0051	0.005	3.10E-03	9.91E-04	4.98E-09	6.37E-06	2.79E-05	6.55E-06	4.14E-03	1.51E-03	9.91E-04	4.98E-09	3.10E-06	1.36E-05	3.19E-06	2.52E-03
3473	485363.09, 3849377.25	0.0022	0.0048	0.0007	0.001	0.0015	0.0011	0.0049	0.0048	3.04E-03	9.50E-04	4.78E-09	6.37E-06	3.06E-05	6.49E-06	4.03E-03	1.48E-03	9.50E-04	4.78E-09	3.10E-06	1.49E-05	3.16E-06	2.45E-03
3474	485863.09, 3849377.25	0.002	0.0043	0.0007	0.0009	0.0013	0.001	0.0043	0.0043	2.68E-03	8.41E-04	4.51E-09	6.05E-06	2.55E-05	6.06E-06	3.56E-03	1.31E-03	8.41E-04	4.51E-09	2.94E-06	1.24E-05	2.95E-06	2.16E-03
3475	486363.09, 3849377.25	0.0018	0.0038	0.0007	0.0009	0.001	0.001	0.0039	0.0038	2.42E-03	7.53E-04	4.51E-09	5.79E-06	2.08E-05	5.81E-06	3.21E-03	1.18E-03	7.53E-04	4.51E-09	2.82E-06	1.01E-05	2.83E-06	1.95E-03
3476	486863.09, 3849377.25	0.0019	0.004	0.0007	0.0009	0.001	0.001	0.004	0.004	2.56E-03	7.84E-04	4.71E-09	6.05E-06	1.98E-05	6.12E-06	3.38E-03	1.25E-03	7.84E-04	4.71E-09	2.94E-06	9.63E-06	2.98E-06	2.05E-03
3477	487363.09, 3849377.25	0.0019	0.0039	0.0007	0.0009	0.001	0.001	0.004	0.0039	2.59E-03	7.68E-04	4.78E-09	6.05E-06	2.02E-05	6.30E-06	3.39E-03	1.26E-03	7.68E-04	4.78E-09	2.94E-06	9.83E-06	3.07E-06	2.04E-03
3478	487863.09, 3849377.25	0.0019	0.0037	0.0007	0.001	0.001	0.001	0.0038	0.0037	2.57E-03	7.37E-04	4.65E-09	6.11E-06	2.12E-05	6.36E-06	3.34E-03	1.25E-03	7.37E-04	4.65E-09	2.97E-06	1.03E-05	3.10E-06	2.01E-03
3479	488363.09, 3849377.25	0.0019	0.0036	0.0007	0.001	0.0011	0.0011	0.0037	0.0036	2.57E-03	7.07E-04	4.92E-09	6.18E-06	2.18E-05	6.42E-06	3.31E-03	1.25E-03	7.07E-04	4.92E-09	3.01E-06	1.06E-05	3.13E-06	1.98E-03
3480	488863.09, 3849377.25	0.0019	0.0035	0.0008	0.001	0.001	0.0011	0.0035	0.0035	2.57E-03	6.86E-04	5.12E-09	6.24E-06	2.08E-05	6.49E-06	3.29E-03	1.25E-03	6.86E-04	5.12E-09	3.04E-06	1.01E-05	3.16E-06	1.95E-03
3481	489363.09, 3849377.25	0.0019	0.0034	0.0008	0.001	0.001	0.0011	0.0034	0.0034	2.59E-03	6.66E-04	5.12E-09	6.37E-06	2.12E-05	6.61E-06	3.29E-03	1.26E-03	6.66E-04	5.12E-09	3.10E-06	1.03E-05	3.22E-06	1.94E-03
3482	489863.09, 3849377.25	0.0019	0.0033	0.0008	0.001	0.0011	0.0011	0.0033	0.0033	2.57E-03	6.40E-04	5.19E-09	6.37E-06	2.20E-05	6.67E-06	3.25E-03	1.25E-03	6.40E-04	5.19E-09	3.10E-06	1.07E-05	3.25E-06	1.91E-03
3483	490363.09, 3849377.25	0.0019	0.0031	0.0008	0.001	0.0011	0.0011	0.0031	0.0031	2.55E-03	6.05E-04	5.25E-09	6.24E-06	2.33E-05	6.67E-06	3.19E-03	1.24E-03	6.05E-04	5.25E-09	3.04E-06	1.13E-05	3.25E-06	1.86E-03
3484	490863.09, 3849377.25	0.0019	0.0029	0.0008	0.001	0.0011	0.0011	0.003	0.0029	2.53E-03	5.77E-04	5.45E-09	6.24E-06	2.26E-05	6.67E-06	3.15E-03	1.23E-03	5.77E-04	5.45E-09	3.04E-06	1.10E-05	3.25E-06	1.83E-03
3485	491363.09, 3849377.25	0.0019	0.0028	0.0008	0.001	0.0011	0.0011	0.0029	0.0028	2.52E-03	5.54E-04	5.66E-09	6.30E-06	2.14E-05	6.79E-06	3.11E-03	1.23E-03	5.54E-04	5.66E-09	3.07E-06	1.04E-05	3.31E-06	1.80E-03
3486	491863.09, 3849377.25	0.0018	0.0026	0.0009	0.001	0.001	0.0011	0.0027	0.0026	2.44E-03	5.18E-04	5.79E-09	6.30E-06	2.12E-05	6.79E-06	2.99E-03	1.19E-03	5.18E-04	5.79E-09	3.07E-06	1.03E-05	3.31E-06	1.72E-03
3487	492363.09, 3849377.25	0.0018	0.0025	0.0009	0.001	0.001	0.0011	0.0025	0.0025	2.38E-03	4.87E-04	5.93E-09	6.37E-06	2.10E-05	6.85E-06	2.90E-03	1.16E-03	4.87E-04	5.93E-09	3.10E-06	1.02E-05	3.34E-06	1.66E-03
3488	492863.09, 3849377.25	0.0017	0.0023	0.0009	0.001	0.001	0.0011	0.0023	0.0023	2.31E-03	4.45E-04	5.93E-09	6.24E-06	2.06E-05	6.73E-06	2.79E-03	1.13E-03	4.45E-04	5.93E-09	3.04E-06	1.00E-05	3.28E-06	1.59E-03
3489	493363.09, 3849377.25	0.0017	0.0022	0.0009	0.001	0.0011	0.0011	0.0022	0.0022	2.30E-03	4.26E-04	6.06E-09	6.37E-06	2.14E-05	6.85E-06	2.76E-03	1.12E-03	4.26E-04	6.06E-09	3.10E-06	1.04E-05	3.34E-06	1.56E-03
3490	493863.09, 3849377.25	0.0017	0.0021	0.0009	0.001	0.0011	0.0011	0.0021	0.0021	2.34E-03	4.12E-04	6.26E-09	6.43E-06	2.24E-05	6.98E-06	2.79E-03	1.14E-03	4.12E-04	6.26E-09	3.13E-06	1.09E-05	3.40E-06	1.57E-03
3491	494363.09, 3849377.25	0.0018	0.0021	0.001	0.001	0.0012	0.0012	0.0021	0.0021	2.41E-03	4.10E-04	6.60E-09	6.69E-06	2.41E-05	7.22E-06	2.86E-03	1.17E-03	4.10E-04	6.60E-09	3.26E-06	1.17E-05	3.51E-06	1.60E-03
3492	494863.09, 3849377.25	0.0019	0.0022	0.001	0.0011	0.0013	0.0012	0.0022	0.0022	2.57E-03	4.27E-04	7.00E-09	7.01E-06	2.57E-05	7.59E-06	3.04E-03	1.25E-03	4.27E-04	7.00E-09	3.41E-06	1.25E-05	3.69E-06	1.70E-03
3493	495363.09, 3849377.25	0.0019	0.0022	0.0011	0.0011	0.0013	0.0013	0.0022	0.0022	2.64E-03	4.27E-04	7.34E-09	7.14E-06	2.71E-05	7.83E-06	3.11E-03	1.29E-03	4.27E-04	7.34E-09	3.48E-06	1.32E-05	3.81E-06	1.73E-03
3494	495863.09, 3849377.25	0.0018	0.0019	0.0011	0.0011	0.0013	0.0012	0.002	0.0019	2.51E-03	3.76E-04	7.21E-09	6.95E-06	2.59E-05	7.53E-06	2.92E-03	1.22E-03	3.76E-04	7.21E-09	3.38E-06	1.26E-05	3.66E-06	1.62E-03
3495	496363.09, 3849377.25	0.0019	0.0019	0.0011	0.0011	0.0013	0.0012	0.0019	0.0019	2.52E-03	3.64E-04	7.21E-09	7.01E-06	2.61E-05	7.59E-06	2.92E-03	1.23E-03	3.64E-04	7.21E-09	3.41E-06	1.27E-05	3.69E-06	1.61E-03
3496	496863.09, 3849377.25	0.0021	0.0021	0.0012	0.0012	0.0014	0.0014	0.0021	0.0021	2.82E-03	4.10E-04	7.81E-09	7.65E-06	2.81E-05	8.32E-06	3.27E-03	1.37E-03	4.10E-04	7.81E-09	3.73E-06	1.37E-05	4.05E-06	1.80E-03
3497	497363.09, 3849377.25	0.0022	0.0021	0.0012	0.0012	0.0014	0.0014	0.0022	0.0021	2.93E-03	4.18E-04	8.01E-09	7.98E-06	2.94E-05	8.63E-06	3.39E-03	1.42E-03	4.18E-04	8.01E-09	3.88E-06	1.43E-05	4.20E-06	1.86E-03
3498	497863.09, 3849377.25	0.0024	0.0023	0.0013	0.0014	0.0016	0.0015	0.0024	0.0023	3.31E-03	4.59E-04	8.55E-09	8.81E-06	3.22E-05	9.36E-06	3.82E-03	1.61E-03	4.59E-04	8.55E-09	4.29E-06	1.57E-05	4.56E-06	2.09E-03
3499	498363.09, 3849377.25	0.0024	0.0023	0.0013	0.0014	0.0016	0.0015	0.0023	0.0023	3.28E-03	4.43E-04	8.62E-09	9.01E-06	3.32E-05	9.42E-06	3.78E-03	1.60E-03	4.43E-04	8.62E-09	4.38E-06	1.62E-05	4.59E-06	2.07E-03
3500	471363.09, 3849877.25	0.0015	0.0026	0.0007	0.0009	0.0013	0.001	0.0027	0.0026	2.03E-03	5.16E-04	4.44E-09	6.05E-06	2.57E-05	6.30E-06	2.58E-03	9.87E-04	5.16E-04	4.44E-09	2.94E-06	1.25E-05	3.07E-06	1.52E-03
3501	471863.09, 3849877.25	0.0016	0.0031	0.0007	0.001	0.0012	0.0011	0.0031	0.0031	2.14E-03	6.05E-04	4.71E-09	6.30E-06	2.49E-05	6.61E-06	2.78E-03	1.04E-03	6.05E-04	4.71E-09	3.07E-06	1.21E-05	3.22E-06	1.66E-03
3502	472363.09, 3849877.25	0.0016	0.0034	0.0007	0.001	0.0012	0.0011	0.0035	0.0034	2.22E-03	6.72E-04	4.98E-09	6.50E-06	2.41E-05	6.85E-06	2.93E-03	1.08E-03	6.72E-04	4.98E-09	3.16E-06	1.17E-05	3.34E-06	1.77E-03
3503	472863.09, 3849877.25	0.0017	0.0037	0.0008	0.001	0.0012	0.0011	0.0038	0.0037	2.27E-03	7.37E-04	5.19E-09	6.69E-06	2.39E-05	6.98E-06	3.05E-03	1.11E-03	7.37E-04	5.19E-09	3.26E-06	1.16E-05	3.40E-06	1.86E-03
3504	473363.09, 3849877.25	0.0017	0.0042	0.0008	0.0011	0.0012	0.0012	0.0042	0.0042	2.36E-03	8.23E-04	5.32E-09	6.82E-06	2.45E-05	7.10E-06	3.22E-03	1.15E-03	8.23E-04	5.32E-09	3.32E-06	1.19E-05	3.45E-06	1.99E-03
3505	473863.09, 3849877.25	0.0018	0.0048	0.0008	0.0011	0.0013	0.0012	0.0048	0.0048	2.44E-03	9.36E-04	5.52E-09	6.88E-06	2.57E-05	7.22E-06	3.41E-03	1.19E-03	9.36E-04	5.52E-09	3.35E-06	1.25E-05	3.51E-06	2.14E-03
3506	474363.09, 3849877.25	0.0019	0.0055	0.0009	0.0011	0.0013	0.0012	0.0056	0.0055	2.52E-03	1.09E-03	5.72E-09	6.95E-06	2.71E-05	7.28E-06	3.65E-03	1.23E-03	1.09E-03	5.72E-09	3.38E-06	1.32E-05	3.54E-06	2.33E-03
3507	474863.09, 3849877.25	0.0019	0.0065	0.0009	0.0011	0.0014	0.0012	0.0065	0.0065	2.61E-03	1.27E-03	5.86E-09	7.14E-06	2.83E-05	7.34E-06	3.93E-03	1.27E-03	1.27E-03	5.86E-09	3.48E-06	1.38E-05	3.57E-06	2.57E-03
3508	475363.09, 3849877.25	0.002	0.0078	0.0009	0.0012	0.0014	0.0012	0.0078	0.0078	2.76E-03	1.53E-03	5.72E-09	7.40E-06	2.92E-05	7.46E-06	4.33E-03	1.35E-03	1.53E-03	5.72E-09	3.60E-06	1.42E-05	3.63E-06	2.89E-03
3509	475863.09, 3849877.25	0.0024	0.0095	0.0008	0.0012	0.0015	0.0013	0.0096	0.0095	3.20E-03	1.86E-03	5.32E-09	7.59E-06	2.96E-05	7.65E-06	5.11E-03	1.56E-03	1.86E-03	5.32E-09	3.69E-06	1.44E-05	3.72E-06	3.44E-03
3510	476363.09, 3849877.25	0.0028	0.0121	0.0007	0.0012	0.0014	0.0013	0.0122	0.0121	3.80E-03	2.38E-03	4.98E-09	7.59E-06	2.94E-05	7.77E-06	6.22E-03	1.85E-03	2.38E-03	4.98E-09	3.69E-06	1.43E-05	3.78E-06	4.25E-03
3511	476863.09, 3849877.25	0.0036	0.0179	0.0008	0.0012	0.0014	0.0013	0.0181	0.0179	4.86E-03	3.53E-03	5.32E-09	7.46E-06	2.86E-05	7.83E-06	8.44E-03	2.37E-03	3.53E-03	5.32E-09	3.63E-06	1.39E-05	3.81E-06	5.92E-03
3512	477363.09, 3849877.25	0.0069	0.0424	0.0009	0.0011	0.0014	0.0012	0.0429	0.0424	9.35E-03	8.35E-03	5.79E-09	7.33E-06	2.75E-05	7.59E-06	1.77E-02	4.55E-03	8.35E-03	5.79E-09	3.57E-06	1.34E-05	3.69E-06	1.29E-02
3513	477863.09, 3849877.25	0.0304	0.2042	0.0008	0.0012	0.0013	0.0012	0.2028	0.2042	4.14E-02	4.02E-02	5.45E-09	7.40E-06	2.69E-05	7.28E-06	8.16E-02	2.01E-02	4.02E-02	5.45E-09	3.60E-06	1.31E-05	3.54E-06	6.04E-02
3514	478363.09, 3849877.25	0.0107	0.0557	0.0007	0.0012	0.0014	0.0012	0.0559	0.0557	1.46E-02	1.10E-02	4.98E-09	7.85E-06	2.81E-05	7.59E-06	2.56E-02	7.08E-03	1.10E-02	4.98E-09	3.82E-06	1.37E-05	3.69E-06	1.81E-02
3515	478863.09, 3849877.25	0.0072	0.0334	0.0007	0.0012	0.0015	0.0013	0.0336	0.0334	9.76E-03	6.59E-03	4.85E-09	7.85E-06	3.00E-05	8.08E-06	1.64E-02	4.75E-03	6.59E-03	4.85E-09	3.82E-06	1.46E-05	3.93E-06	1.14E-02
3516	479363.09, 3849877.25	0.0059	0.023	0.0007	0.0011	0.0014	0.0012	0.0231	0.023	8.09E-03	4.52E-03	4.71E-09	7.20E-06	2.94E-05	7.46E-06	1.27E-02	3.94E-03	4.52E-03	4.71E-09	3.51E-06	1.43E-05	3.63E-06	8.48E-03
3517	479863.09, 3849877.25	0.0052	0.0183	0.0007	0.0011	0.0013	0.0012	0.0184	0.0183	7.01E-03	3.60E-03	4.78E-09	7.27E-06	2.63E-05	7.34E-06	1.07E-02	3.41E-03	3.60E-03	4.78E-09	3.54E-06	1.28E-05	3.57E-06	7.03E-03
3518	480363.09, 3849877.25	0.0046	0.014	0.0007	0.0011	0.0012	0.0012	0.0141	0.014	6.24E-03	2.75E-03	4.85E-09	7.01E-06	2.39E-05	7.22E-06	9.02E-03	3.04E-03	2.75E-03	4.85E-09	3.41E-06	1.16E-05	3.51E-06	5.80E-03
3519	480863.09, 3849877.25	0.0041	0.0113	0.0007	0.0011	0.0013	0.0012	0.0115	0.0113	5.51E-03	2.23E-03	4.71E-09	7.08E-06	2.55E-05	7.04E-06	7.79E-03	2.68E-03	2.23E-03	4.71E-09	3.44E-06	1.24E-05	3.42E-06	4.94E-03
3520	481363.09, 3849877.25	0.0037	0.0097	0.0007	0.0011	0.0015	0.0012	0.0098	0.0097	5.00E-03	1.91E-03	4.98E-09	6.95E-06	3.02E-05	7.16E-06	6.95E-03	2.43E-03	1.91E-03	4.98E-09	3.38E-06	1.47E-05	3.48E-06	4.36E-03
3521	481863.09, 3849877.25	0.003	0.0075	0.0008	0.001	0.0012	0.0011	0.0076	0.0075	4.14E-03	1.48E-03	5.19E-09	6.37E-06	2.47E-05	6.73E-06	5.66E-03	2.01E-03	1.48E-03	5.19E-09	3.10E-06	1.20E-05	3.28E-06	3.51E-03
3522	482363.09, 3849877.25	0.0027	0.0064	0.0007	0.001	0.0011	0.0011	0.0065	0.0064	3.65E-03	1.27E-03	4.85E-09	6.30E-06	2.20E-05	6.55E-06	4.95E-03	1.78E-03	1.27E-03	4.85E-09	3.07E-06	1.07E-05	3.19E-06	3.06E-03
3523	482863.09, 3849877.25	0.0024	0.0057	0.0007	0.001	0.0011	0.0011	0.0058	0.0057	3.29E-03	1.12E-03	4.85E-09	6.18E-06	2.14E-05	6.49E-06	4.45E-03	1.60E-03	1.12E-03	4.85E-09	3.01E-06	1.04E-05	3.16E-06	2.74E-03
3524	483363.09, 3849877.25	0.0022	0.0051	0.0007	0.0009	0.0011	0.0011	0.0051	0.0051	2.98E-03	9.97E-04	4.65E-09	6.05E-06	2.16E-05	6.42E-06	4.01E-03	1.45E-03	9.97E-04	4.65E-09	2.94E-06	1.05E-05	3.13E-06	2.46E-03
3525	483863.09, 3849877.25	0.0021	0.0048	0.0007	0.0009	0.0011	0.0011	0.0049	0.0048	2.90E-03	9.48E-04	4.58E-09	6.05E-06	2.24E-05	6.42E-06	3.88E-03	1.41E-03	9.48E-04	4.58E-09	2.94E-06	1.09E-05	3.13E-06	2.38E-03
3526	484363.09, 3849877.25	0.0024	0.0053	0.0008	0.001	0.0012	0.0011	0.0054	0.0053	3.28E-03	1.04E-03	5.05E-09	6.50E-06	2.39E-05	6.98E-06	4.36E-03	1.60E-03	1.04E-03	5.05E-09	3.16E-06	1.16E-05	3.40E-06	2.65E-03
3527	484863.09, 3849877.25	0.0027	0.0056	0.0008	0.0011	0.0014	0.0012	0.0057	0.0056	3.64E-03	1.11E-03	5.39E-09	7.08E-06	2.81E-05	7.28E-06	4.78E-03	1.77E-03	1.11E-03	5.39E-09	3.44E-06	1.37E-05	3.54E-06	2.90E-03
3528	485363.09, 3849877.25	0.0025	0.0052	0.0008	0.0011	0.0016	0.0012	0.0053	0.0052	3.46E-03	1.03E-03	5.19E-09	6.95E-06	3.24E-05	7.10E-06	4.53E-03	1.68E-03	1.03E-03	5.19E-09	3.38E-06	1.58E-05	3.45E-06	2.73E-03
3529	485863.09, 3849877.25	0.0023	0.0047	0.0007	0.001	0.0015	0.0011	0.0048	0.0047	3.14E-03	9.34E-04	4.98E-09	6.69E-06	2.98E-05	6.73E-06	4.12E-03	1.53E-03	9.34E-04	4.98E-09	3.26E-06	1.45E-05	3.28E-06	2.49E-03
3530	486363.09, 3849877.25	0.0022	0.0044	0.0008	0.001	0.0012	0.0011	0.0045	0.0044	2.95E-03	8.75E-04	5.12E-09	6.63E-06	2.53E-05	6.67E-06	3.87E-03	1.44E-03	8.75E-04	5.12E-09	3.22E-06	1.23E-05	3.25E-06	2.33E-03

3531	486863.09, 3849877.25	0.0022	0.0044	0.0008	0.0011	0.0011	0.0011	0.0045	0.0044	3.02E-03	8.73E-04	5.32E-09	6.82E-06	2.22E-05	6.98E-06	3.93E-03	1.47E-03	8.73E-04	5.32E-09	3.32E-06	1.08E-05	3.40E-06	2.36E-03
3532	487363.09, 3849877.25	0.0022	0.0043	0.0008	0.0011	0.0011	0.0012	0.0043	0.0043	2.98E-03	8.37E-04	5.45E-09	6.82E-06	2.20E-05	7.04E-06	3.85E-03	1.45E-03	8.37E-04	5.45E-09	3.32E-06	1.07E-05	3.42E-06	2.31E-03
3533	487863.09, 3849877.25	0.0022	0.0041	0.0008	0.0011	0.0011	0.0012	0.0041	0.0041	2.93E-03	7.98E-04	5.66E-09	6.82E-06	2.30E-05	7.04E-06	3.76E-03	1.42E-03	7.98E-04	5.66E-09	3.32E-06	1.12E-05	3.42E-06	2.24E-03
3534	488363.09, 3849877.25	0.0021	0.0039	0.0008	0.0011	0.0012	0.0012	0.004	0.0039	2.91E-03	7.64E-04	5.66E-09	6.88E-06	2.35E-05	7.16E-06	3.72E-03	1.42E-03	7.64E-04	5.66E-09	3.35E-06	1.14E-05	3.48E-06	2.20E-03
3535	488863.09, 3849877.25	0.0021	0.0037	0.0008	0.0011	0.0011	0.0012	0.0038	0.0037	2.91E-03	7.37E-04	5.52E-09	7.08E-06	2.24E-05	7.28E-06	3.69E-03	1.42E-03	7.37E-04	5.52E-09	3.44E-06	1.09E-05	3.54E-06	2.17E-03
3536	489363.09, 3849877.25	0.0021	0.0036	0.0008	0.0011	0.0011	0.0012	0.0037	0.0036	2.91E-03	7.05E-04	5.66E-09	7.14E-06	2.33E-05	7.40E-06	3.66E-03	1.42E-03	7.05E-04	5.66E-09	3.48E-06	1.13E-05	3.60E-06	2.14E-03
3537	489863.09, 3849877.25	0.0021	0.0034	0.0009	0.0011	0.0013	0.0012	0.0035	0.0034	2.89E-03	6.70E-04	5.93E-09	7.14E-06	2.55E-05	7.46E-06	3.60E-03	1.40E-03	6.70E-04	5.93E-09	3.48E-06	1.24E-05	3.63E-06	2.09E-03
3538	490363.09, 3849877.25	0.0021	0.0032	0.0009	0.0011	0.0012	0.0012	0.0033	0.0032	2.85E-03	6.34E-04	6.20E-09	7.01E-06	2.53E-05	7.46E-06	3.52E-03	1.39E-03	6.34E-04	6.20E-09	3.41E-06	1.23E-05	3.63E-06	2.04E-03
3539	490863.09, 3849877.25	0.0021	0.0031	0.0009	0.0011	0.0012	0.0012	0.0031	0.0031	2.83E-03	6.05E-04	6.33E-09	7.01E-06	2.41E-05	7.59E-06	3.48E-03	1.38E-03	6.05E-04	6.33E-09	3.41E-06	1.17E-05	3.69E-06	2.00E-03
3540	491363.09, 3849877.25	0.0021	0.0029	0.001	0.0011	0.0011	0.0013	0.003	0.0029	2.83E-03	5.79E-04	6.53E-09	7.08E-06	2.30E-05	7.71E-06	3.45E-03	1.38E-03	5.79E-04	6.53E-09	3.44E-06	1.12E-05	3.75E-06	1.98E-03
3541	491863.09, 3849877.25	0.002	0.0028	0.001	0.0011	0.0011	0.0013	0.0028	0.0028	2.75E-03	5.42E-04	6.67E-09	7.14E-06	2.28E-05	7.77E-06	3.33E-03	1.34E-03	5.42E-04	6.67E-09	3.48E-06	1.11E-05	3.78E-06	1.90E-03
3542	492363.09, 3849877.25	0.002	0.0026	0.001	0.0011	0.0011	0.0013	0.0026	0.0026	2.70E-03	5.10E-04	6.80E-09	7.27E-06	2.24E-05	7.77E-06	3.24E-03	1.31E-03	5.10E-04	6.80E-09	3.54E-06	1.09E-05	3.78E-06	1.84E-03
3543	492863.09, 3849877.25	0.0019	0.0024	0.001	0.0011	0.0011	0.0013	0.0025	0.0024	2.64E-03	4.75E-04	6.94E-09	7.20E-06	2.28E-05	7.77E-06	3.15E-03	1.29E-03	4.75E-04	6.94E-09	3.51E-06	1.11E-05	3.78E-06	1.78E-03
3544	493363.09, 3849877.25	0.0019	0.0022	0.0011	0.0011	0.0012	0.0013	0.0023	0.0022	2.61E-03	4.41E-04	7.14E-09	7.20E-06	2.41E-05	7.77E-06	3.09E-03	1.27E-03	4.41E-04	7.14E-09	3.51E-06	1.17E-05	3.78E-06	1.73E-03
3545	493863.09, 3849877.25	0.0019	0.0021	0.0011	0.0011	0.0013	0.0013	0.0022	0.0021	2.61E-03	4.22E-04	7.34E-09	7.27E-06	2.55E-05	7.83E-06	3.08E-03	1.27E-03	4.22E-04	7.34E-09	3.54E-06	1.24E-05	3.81E-06	1.71E-03
3546	494363.09, 3849877.25	0.0021	0.0023	0.0012	0.0012	0.0014	0.0014	0.0023	0.0023	2.82E-03	4.49E-04	7.81E-09	7.72E-06	2.77E-05	8.38E-06	3.31E-03	1.37E-03	4.49E-04	7.81E-09	3.76E-06	1.35E-05	4.08E-06	1.84E-03
3547	494863.09, 3849877.25	0.0022	0.0024	0.0012	0.0013	0.0015	0.0015	0.0024	0.0024	3.00E-03	4.63E-04	8.28E-09	8.10E-06	3.00E-05	8.87E-06	3.51E-03	1.46E-03	4.63E-04	8.28E-09	3.95E-06	1.46E-05	4.32E-06	1.94E-03
3548	495363.09, 3849877.25	0.0021	0.0022	0.0012	0.0012	0.0015	0.0014	0.0022	0.0022	2.90E-03	4.26E-04	8.22E-09	7.91E-06	2.96E-05	8.63E-06	3.37E-03	1.41E-03	4.26E-04	8.22E-09	3.85E-06	1.44E-05	4.20E-06	1.86E-03
3549	495863.09, 3849877.25	0.0023	0.0023	0.0013	0.0013	0.0015	0.0015	0.0023	0.0023	3.08E-03	4.45E-04	8.55E-09	8.30E-06	3.04E-05	9.12E-06	3.57E-03	1.50E-03	4.45E-04	8.55E-09	4.04E-06	1.48E-05	4.44E-06	1.97E-03
3550	496363.09, 3849877.25	0.0023	0.0023	0.0013	0.0013	0.0015	0.0015	0.0023	0.0023	3.19E-03	4.45E-04	8.75E-09	8.56E-06	3.08E-05	9.36E-06	3.68E-03	1.55E-03	4.45E-04	8.75E-09	4.16E-06	1.50E-05	4.56E-06	2.02E-03
3551	496863.09, 3849877.25	0.0024	0.0023	0.0013	0.0014	0.0016	0.0016	0.0023	0.0023	3.27E-03	4.43E-04	8.89E-09	8.81E-06	3.24E-05	9.54E-06	3.76E-03	1.59E-03	4.43E-04	8.89E-09	4.29E-06	1.58E-05	4.65E-06	2.06E-03
3552	497363.09, 3849877.25	0.0026	0.0024	0.0014	0.0015	0.0017	0.0017	0.0025	0.0024	3.55E-03	4.67E-04	9.29E-09	9.52E-06	3.47E-05	1.01E-05	4.07E-03	1.73E-03	4.67E-04	9.29E-09	4.63E-06	1.69E-05	4.91E-06	2.22E-03
3553	497863.09, 3849877.25	0.0027	0.0024	0.0014	0.0016	0.0018	0.0017	0.0025	0.0024	3.68E-03	4.69E-04	9.49E-09	9.97E-06	3.65E-05	1.05E-05	4.20E-03	1.79E-03	4.69E-04	9.49E-09	4.85E-06	1.78E-05	5.09E-06	2.29E-03
3554	498363.09, 3849877.25	0.0027	0.0023	0.0014	0.0016	0.0019	0.0017	0.0024	0.0023	3.64E-03	4.55E-04	9.63E-09	1.02E-05	3.77E-05	1.05E-05	4.15E-03	1.77E-03	4.55E-04	9.63E-09	4.95E-06	1.84E-05	5.09E-06	2.25E-03
3555	471363.09, 3850377.25	0.0015	0.0019	0.0007	0.001	0.0013	0.001	0.002	0.0019	2.01E-03	3.78E-04	4.38E-09	6.11E-06	2.69E-05	6.30E-06	2.43E-03	9.81E-04	3.78E-04	4.38E-09	2.97E-06	1.31E-05	3.07E-06	1.38E-03
3556	471863.09, 3850377.25	0.0016	0.0025	0.0007	0.001	0.0014	0.0011	0.0025	0.0025	2.15E-03	4.85E-04	4.71E-09	6.43E-06	2.81E-05	6.61E-06	2.68E-03	1.05E-03	4.85E-04	4.71E-09	3.13E-06	1.37E-05	3.22E-06	1.55E-03
3557	472363.09, 3850377.25	0.0016	0.0028	0.0007	0.001	0.0014	0.0011	0.0029	0.0028	2.23E-03	5.52E-04	4.92E-09	6.63E-06	2.79E-05	6.85E-06	2.83E-03	1.09E-03	5.52E-04	4.92E-09	3.22E-06	1.36E-05	3.34E-06	1.66E-03
3558	472863.09, 3850377.25	0.0017	0.0033	0.0008	0.0011	0.0013	0.0012	0.0033	0.0033	2.33E-03	6.40E-04	5.32E-09	6.88E-06	2.71E-05	7.22E-06	3.01E-03	1.13E-03	6.40E-04	5.32E-09	3.35E-06	1.32E-05	3.51E-06	1.79E-03
3559	473363.09, 3850377.25	0.0018	0.0036	0.0008	0.0011	0.0013	0.0012	0.0036	0.0036	2.40E-03	7.01E-04	5.45E-09	7.08E-06	2.61E-05	7.40E-06	3.14E-03	1.17E-03	7.01E-04	5.45E-09	3.44E-06	1.27E-05	3.60E-06	1.89E-03
3560	473863.09, 3850377.25	0.0018	0.0039	0.0008	0.0011	0.0013	0.0012	0.004	0.0039	2.45E-03	7.74E-04	5.66E-09	7.33E-06	2.59E-05	7.59E-06	3.27E-03	1.19E-03	7.74E-04	5.66E-09	3.57E-06	1.26E-05	3.69E-06	1.99E-03
3561	474363.09, 3850377.25	0.0019	0.0044	0.0009	0.0012	0.0013	0.0013	0.0044	0.0044	2.53E-03	8.57E-04	5.86E-09	7.46E-06	2.67E-05	7.77E-06	3.43E-03	1.23E-03	8.57E-04	5.86E-09	3.63E-06	1.30E-05	3.78E-06	2.11E-03
3562	474863.09, 3850377.25	0.0019	0.0048	0.0009	0.0012	0.0014	0.0013	0.0049	0.0048	2.60E-03	9.53E-04	6.13E-09	7.59E-06	2.79E-05	7.95E-06	3.60E-03	1.27E-03	9.53E-04	6.13E-09	3.69E-06	1.36E-05	3.87E-06	2.24E-03
3563	475363.09, 3850377.25	0.002	0.0054	0.001	0.0012	0.0015	0.0013	0.0055	0.0054	2.71E-03	1.07E-03	6.40E-09	7.65E-06	2.96E-05	7.95E-06	3.82E-03	1.32E-03	1.07E-03	6.40E-09	3.73E-06	1.44E-05	3.87E-06	2.41E-03
3564	475863.09, 3850377.25	0.0022	0.0062	0.001	0.0012	0.0015	0.0013	0.0063	0.0062	2.93E-03	1.23E-03	6.40E-09	7.85E-06	3.10E-05	8.02E-06	4.20E-03	1.42E-03	1.23E-03	6.40E-09	3.82E-06	1.51E-05	3.90E-06	2.68E-03
3565	476363.09, 3850377.25	0.0024	0.0072	0.0009	0.0013	0.0016	0.0013	0.0073	0.0072	3.24E-03	1.43E-03	6.06E-09	8.17E-06	3.18E-05	8.20E-06	4.71E-03	1.58E-03	1.43E-03	6.06E-09	3.98E-06	1.55E-05	3.99E-06	3.03E-03
3566	476863.09, 3850377.25	0.0027	0.0087	0.0008	0.0013	0.0016	0.0014	0.0089	0.0087	3.62E-03	1.72E-03	5.59E-09	8.30E-06	3.20E-05	8.38E-06	5.39E-03	1.76E-03	1.72E-03	5.59E-09	4.04E-06	1.56E-05	4.08E-06	3.50E-03
3567	477363.09, 3850377.25	0.0031	0.0113	0.0009	0.0013	0.0015	0.0014	0.0114	0.0113	4.18E-03	2.22E-03	5.72E-09	8.23E-06	3.12E-05	8.57E-06	6.45E-03	2.03E-03	2.22E-03	5.72E-09	4.01E-06	1.52E-05	4.17E-06	4.28E-03
3568	477863.09, 3850377.25	0.004	0.0169	0.0009	0.0013	0.0015	0.0014	0.0171	0.0169	5.40E-03	3.33E-03	6.26E-09	8.04E-06	3.04E-05	8.32E-06	8.78E-03	2.63E-03	3.33E-03	6.26E-09	3.91E-06	1.48E-05	4.05E-06	5.98E-03
3569	478363.09, 3850377.25	0.0076	0.0397	0.0009	0.0012	0.0014	0.0013	0.0405	0.0397	1.04E-02	7.82E-03	6.06E-09	7.98E-06	2.92E-05	7.95E-06	1.82E-02	5.04E-03	7.82E-03	6.06E-09	3.88E-06	1.42E-05	3.87E-06	1.29E-02
3570	478863.09, 3850377.25	0.0457	0.2332	0.0008	0.0013	0.0015	0.0014	0.227	0.2332	6.22E-02	4.59E-02	5.59E-09	8.56E-06	3.02E-05	8.44E-06	1.08E-01	3.03E-02	4.59E-02	5.59E-09	4.16E-06	1.47E-05	4.11E-06	7.62E-02
3571	479363.09, 3850377.25	0.019	0.0587	0.0008	0.0014	0.0016	0.0015	0.0585	0.0587	2.59E-02	1.16E-02	5.39E-09	8.75E-06	3.18E-05	8.99E-06	3.75E-02	1.26E-02	1.16E-02	5.39E-09	4.26E-06	1.55E-05	4.38E-06	2.42E-02
3572	479863.09, 3850377.25	0.0119	0.0325	0.0008	0.0013	0.0016	0.0014	0.0325	0.0325	1.62E-02	6.39E-03	5.25E-09	8.17E-06	3.20E-05	8.32E-06	2.27E-02	7.90E-03	6.39E-03	5.25E-09	3.98E-06	1.56E-05	4.05E-06	1.43E-02
3573	480363.09, 3850377.25	0.0088	0.0224	0.0008	0.0012	0.0014	0.0013	0.0225	0.0224	1.20E-02	4.41E-03	5.52E-09	7.98E-06	2.90E-05	8.20E-06	1.65E-02	5.84E-03	4.41E-03	5.52E-09	3.88E-06	1.41E-05	3.99E-06	1.03E-02
3574	480863.09, 3850377.25	0.0069	0.0178	0.0008	0.0012	0.0013	0.0014	0.0179	0.0178	9.38E-03	3.50E-03	5.66E-09	7.98E-06	2.63E-05	8.26E-06	1.29E-02	4.57E-03	3.50E-03	5.66E-09	3.88E-06	1.28E-05	4.02E-06	8.08E-03
3575	481363.09, 3850377.25	0.0052	0.0123	0.0008	0.0012	0.0014	0.0013	0.0124	0.0123	7.12E-03	2.42E-03	5.32E-09	7.85E-06	2.79E-05	7.83E-06	9.58E-03	3.47E-03	2.42E-03	5.32E-09	3.82E-06	1.36E-05	3.81E-06	5.91E-03
3576	481863.09, 3850377.25	0.0046	0.0105	0.0009	0.0012	0.0016	0.0013	0.0106	0.0105	6.30E-03	2.07E-03	5.93E-09	7.65E-06	3.28E-05	8.02E-06	8.43E-03	3.07E-03	2.07E-03	5.93E-09	3.73E-06	1.60E-05	3.90E-06	5.17E-03
3577	482363.09, 3850377.25	0.0042	0.0091	0.0009	0.0012	0.0014	0.0013	0.0092	0.0091	5.66E-03	1.78E-03	5.79E-09	7.72E-06	2.77E-05	7.83E-06	7.49E-03	2.76E-03	1.78E-03	5.79E-09	3.76E-06	1.35E-05	3.81E-06	4.56E-03
3578	482863.09, 3850377.25	0.0033	0.0072	0.0008	0.0011	0.0012	0.0012	0.0073	0.0072	4.42E-03	1.42E-03	5.45E-09	7.14E-06	2.37E-05	7.34E-06	5.88E-03	2.15E-03	1.42E-03	5.45E-09	3.48E-06	1.15E-05	3.57E-06	3.59E-03
3579	483363.09, 3850377.25	0.0028	0.0062	0.0008	0.0011	0.0011	0.0012	0.0063	0.0062	3.77E-03	1.21E-03	5.32E-09	6.88E-06	2.33E-05	7.22E-06	5.02E-03	1.84E-03	1.21E-03	5.32E-09	3.35E-06	1.13E-05	3.51E-06	3.07E-03
3580	483863.09, 3850377.25	0.0028	0.006	0.0008	0.0011	0.0012	0.0012	0.0061	0.006	3.77E-03	1.18E-03	5.19E-09	7.14E-06	2.49E-05	7.46E-06	4.99E-03	1.84E-03	1.18E-03	5.19E-09	3.48E-06	1.21E-05	3.63E-06	3.04E-03
3581	484363.09, 3850377.25	0.0029	0.0061	0.0008	0.0012	0.0013	0.0013	0.0062	0.0061	3.96E-03	1.20E-03	5.66E-09	7.46E-06	2.73E-05	7.77E-06	5.20E-03	1.93E-03	1.20E-03	5.66E-09	3.63E-06	1.33E-05	3.78E-06	3.14E-03
3582	484863.09, 3850377.25	0.003	0.0061	0.0009	0.0012	0.0014	0.0013	0.0063	0.0061	4.13E-03	1.21E-03	5.79E-09	7.85E-06	2.86E-05	8.08E-06	5.38E-03	2.01E-03	1.21E-03	5.79E-09	3.82E-06	1.39E-05	3.93E-06	3.24E-03
3583	485363.09, 3850377.25	0.003	0.0058	0.0009	0.0012	0.0017	0.0013	0.0059	0.0058	4.02E-03	1.14E-03	5.72E-09	7.91E-06	3.41E-05	7.95E-06	5.21E-03	1.95E-03	1.14E-03	5.72E-09	3.85E-06	1.66E-05	3.87E-06	3.12E-03
3584	485863.09, 3850377.25	0.0028	0.0053	0.0009	0.0012	0.0018	0.0013	0.0054	0.0053	3.76E-03	1.05E-03	5.79E-09	7.65E-06	3.61E-05	7.71E-06	4.86E-03	1.83E-03	1.05E-03	5.79E-09	3.73E-06	1.76E-05	3.75E-06	2.90E-03
3585	486363.09, 3850377.25	0.0027	0.0051	0.0009	0.0012	0.0016	0.0013	0.0051	0.0051	3.64E-03	9.97E-04	5.72E-09	7.78E-06	3.26E-05	7.83E-06	4.68E-03	1.77E-03	9.97E-04	5.72E-09	3.79E-06	1.59E-05	3.81E-06	2.79E-03
3586	486863.09, 3850377.25	0.0026	0.0048	0.0009	0.0012	0.0013	0.0013	0.0049	0.0048	3.54E-03	9.50E-04	5.93E-09	7.85E-06	2.57E-05	7.89E-06	4.53E-03	1.72E-03	9.50E-04	5.93E-09	3.82E-06	1.25E-05	3.84E-06	2.69E-03
3587	487363.09, 3850377.25	0.0025	0.0045	0.001	0.0012	0.0012	0.0013	0.0046	0.0045	3.40E-03	8.92E-04	6.40E-09	7.72E-06	2.41E-05	7.89E-06	4.34E-03	1.66E-03	8.92E-04	6.40E-09	3.76E-06	1.17E-05	3.84E-06	2.57E-03
3588	487863.09, 3850377.25	0.0025	0.0043	0.001	0.0012	0.0013	0.0013	0.0044	0.0043	3.36E-03	8.53E-04	6.53E-09	7.78E-06	2.63E-05	8.02E-06	4.26E-03	1.64E-03	8.53E-04	6.53E-09	3.79E-06	1.28E-05	3.90E-06	2.51E-03
3589	488363.09, 3850377.25	0.0024	0.0041	0.0009	0.0012	0.0012	0.0013	0.0042	0.0041	3.32E-03	8.14E-04	6.20E-09	7.85E-06	2.51E-05	8.14E-06	4.18E-03	1.62E-03	8.14E-04	6.20E-09	3.82E-06	1.22E-05	3.96E-06	2.45E-03
3590	488863.09, 3850377.25	0.0024	0.004	0.0009	0.0013	0.0012	0.0014	0.004	0.004	3.32E-03	7.80E-04	6.33E-09	8.04E-06	2.43E-05	8.32E-06	4.14E-03	1.62E-03	7.80E-04	6.33E-09	3.91E-06	1.18E-05	4.05E-06	2.42E-03
3591	489363.09, 3850377.25	0.0024	0.0038	0.001	0.0013	0.0013	0.0014	0.0039	0.0038	3.32E-03	7.45E-04	6.67E-09	8.10E-06	2.59E-05	8.44E-06	4.11E-03	1.62E-03	7.45E-04	6.67E-09	3.95E-06	1.26E-05	4.11E-06	2.38E-03
3592	489863.09, 3850377.25	0.0024	0.0036	0.0011	0.0013	0.0014	0.0014	0.0036	0.0036	3.28E-03	7.03E-04	7.07E-09	8.10E-06	2.81E-05	8.50E-06	4.03E-03	1.60E-03	7.03E-04	7.07E-09	3.95E-06	1.37E-05	4.14E-06	2.32E-03

3593	490363.09, 3850377.25	0.0024	0.0034	0.0011	0.0013	0.0014	0.0014	0.0035	0.0034	3.24E-03	6.66E-04	7.41E-09	8.04E-06	2.79E-05	8.69E-06	3.95E-03	1.58E-03	6.66E-04	7.41E-09	3.91E-06	1.36E-05	4.23E-06	2.26E-03
3594	490863.09, 3850377.25	0.0024	0.0032	0.0011	0.0013	0.0013	0.0014	0.0033	0.0032	3.23E-03	6.36E-04	7.47E-09	8.17E-06	2.59E-05	8.81E-06	3.91E-03	1.57E-03	6.36E-04	7.47E-09	3.98E-06	1.26E-05	4.29E-06	2.23E-03
3595	491363.09, 3850377.25	0.0024	0.0031	0.0011	0.0013	0.0013	0.0015	0.0031	0.0031	3.23E-03	6.05E-04	7.54E-09	8.23E-06	2.61E-05	8.93E-06	3.87E-03	1.57E-03	6.05E-04	7.54E-09	4.01E-06	1.27E-05	4.35E-06	2.20E-03
3596	491863.09, 3850377.25	0.0023	0.0029	0.0012	0.0013	0.0012	0.0015	0.0029	0.0029	3.16E-03	5.63E-04	7.74E-09	8.30E-06	2.47E-05	8.93E-06	3.76E-03	1.54E-03	5.63E-04	7.74E-09	4.04E-06	1.20E-05	4.35E-06	2.12E-03
3597	492363.09, 3850377.25	0.0022	0.0027	0.0012	0.0013	0.0012	0.0015	0.0027	0.0027	3.05E-03	5.24E-04	8.01E-09	8.30E-06	2.47E-05	8.93E-06	3.62E-03	1.48E-03	5.24E-04	8.01E-09	4.04E-06	1.20E-05	4.35E-06	2.03E-03
3598	492863.09, 3850377.25	0.0022	0.0025	0.0012	0.0013	0.0013	0.0015	0.0026	0.0025	3.02E-03	4.98E-04	8.28E-09	8.30E-06	2.61E-05	8.99E-06	3.56E-03	1.47E-03	4.98E-04	8.28E-09	4.04E-06	1.27E-05	4.38E-06	1.99E-03
3599	493363.09, 3850377.25	0.0022	0.0024	0.0013	0.0013	0.0014	0.0015	0.0024	0.0024	3.00E-03	4.67E-04	8.42E-09	8.30E-06	2.75E-05	8.93E-06	3.51E-03	1.46E-03	4.67E-04	8.42E-09	4.04E-06	1.34E-05	4.35E-06	1.95E-03
3600	493863.09, 3850377.25	0.0023	0.0024	0.0013	0.0013	0.0015	0.0015	0.0025	0.0024	3.12E-03	4.73E-04	8.75E-09	8.62E-06	3.04E-05	9.30E-06	3.64E-03	1.52E-03	4.73E-04	8.75E-09	4.20E-06	1.48E-05	4.53E-06	2.01E-03
3601	494363.09, 3850377.25	0.0024	0.0024	0.0014	0.0014	0.0016	0.0016	0.0025	0.0024	3.23E-03	4.71E-04	9.09E-09	8.88E-06	3.20E-05	9.67E-06	3.75E-03	1.57E-03	4.71E-04	9.09E-09	4.32E-06	1.56E-05	4.71E-06	2.07E-03
3602	494863.09, 3850377.25	0.0025	0.0025	0.0014	0.0014	0.0017	0.0017	0.0025	0.0025	3.42E-03	4.83E-04	9.49E-09	9.20E-06	3.37E-05	1.02E-05	3.95E-03	1.66E-03	4.83E-04	9.49E-09	4.48E-06	1.64E-05	4.94E-06	2.17E-03
3603	495363.09, 3850377.25	0.0027	0.0025	0.0015	0.0015	0.0017	0.0017	0.0026	0.0025	3.65E-03	4.94E-04	9.76E-09	9.65E-06	3.45E-05	1.06E-05	4.20E-03	1.78E-03	4.94E-04	9.76E-09	4.70E-06	1.68E-05	5.15E-06	2.30E-03
3604	495863.09, 3850377.25	0.0026	0.0024	0.0015	0.0015	0.0017	0.0017	0.0025	0.0024	3.58E-03	4.73E-04	9.76E-09	9.65E-06	3.43E-05	1.05E-05	4.11E-03	1.74E-03	4.73E-04	9.76E-09	4.70E-06	1.67E-05	5.12E-06	2.24E-03
3605	496363.09, 3850377.25	0.0028	0.0025	0.0015	0.0016	0.0018	0.0018	0.0026	0.0025	3.81E-03	4.85E-04	1.00E-08	1.01E-05	3.61E-05	1.09E-05	4.35E-03	1.86E-03	4.85E-04	1.00E-08	4.92E-06	1.76E-05	5.30E-06	2.37E-03
3606	496863.09, 3850377.25	0.0029	0.0025	0.0015	0.0017	0.0019	0.0019	0.0026	0.0025	4.00E-03	4.94E-04	1.04E-08	1.07E-05	3.83E-05	1.13E-05	4.56E-03	1.95E-03	4.94E-04	1.04E-08	5.20E-06	1.87E-05	5.51E-06	2.47E-03
3607	497363.09, 3850377.25	0.003	0.0025	0.0016	0.0017	0.002	0.0019	0.0026	0.0025	4.08E-03	4.93E-04	1.06E-08	1.11E-05	4.00E-05	1.16E-05	4.64E-03	1.99E-03	4.93E-04	1.06E-08	5.42E-06	1.95E-05	5.63E-06	2.51E-03
3608	497863.09, 3850377.25	0.003	0.0024	0.0016	0.0018	0.0021	0.0019	0.0025	0.0024	4.08E-03	4.81E-04	1.08E-08	1.14E-05	4.18E-05	1.17E-05	4.63E-03	1.99E-03	4.81E-04	1.08E-08	5.54E-06	2.04E-05	5.69E-06	2.50E-03
3609	498363.09, 3850377.25	0.003	0.0024	0.0016	0.0018	0.0021	0.0019	0.0025	0.0024	4.08E-03	4.71E-04	1.10E-08	1.16E-05	4.34E-05	1.17E-05	4.62E-03	1.99E-03	4.71E-04	1.10E-08	5.64E-06	2.11E-05	5.72E-06	2.49E-03
3610	471363.09, 3850877.25	0.0016	0.002	0.0007	0.001	0.0013	0.0011	0.002	0.002	2.18E-03	3.92E-04	4.65E-09	6.56E-06	2.73E-05	6.85E-06	2.61E-03	1.06E-03	3.92E-04	4.65E-09	3.19E-06	1.33E-05	3.34E-06	1.47E-03
3611	471863.09, 3850877.25	0.0017	0.0022	0.0007	0.001	0.0014	0.0011	0.0023	0.0022	2.25E-03	4.35E-04	4.85E-09	6.69E-06	2.86E-05	6.98E-06	2.72E-03	1.09E-03	4.35E-04	4.85E-09	3.26E-06	1.39E-05	3.40E-06	1.55E-03
3612	472363.09, 3850877.25	0.0017	0.0025	0.0008	0.0011	0.0015	0.0012	0.0026	0.0025	2.31E-03	4.96E-04	5.12E-09	6.88E-06	3.00E-05	7.16E-06	2.85E-03	1.13E-03	4.96E-04	5.12E-09	3.35E-06	1.46E-05	3.48E-06	1.64E-03
3613	472863.09, 3850877.25	0.0018	0.0028	0.0008	0.0011	0.0015	0.0012	0.0029	0.0028	2.40E-03	5.59E-04	5.45E-09	7.14E-06	3.10E-05	7.40E-06	3.00E-03	1.17E-03	5.59E-04	5.45E-09	3.48E-06	1.51E-05	3.60E-06	1.75E-03
3614	473363.09, 3850877.25	0.0018	0.0029	0.0008	0.0011	0.0015	0.0012	0.003	0.0029	2.45E-03	5.73E-04	5.52E-09	7.20E-06	3.06E-05	7.53E-06	3.07E-03	1.19E-03	5.73E-04	5.52E-09	3.51E-06	1.49E-05	3.66E-06	1.79E-03
3615	473863.09, 3850877.25	0.0019	0.0033	0.0009	0.0012	0.0015	0.0013	0.0034	0.0033	2.56E-03	6.52E-04	5.86E-09	7.46E-06	2.98E-05	7.89E-06	3.26E-03	1.25E-03	6.52E-04	5.86E-09	3.63E-06	1.45E-05	3.84E-06	1.92E-03
3616	474363.09, 3850877.25	0.0019	0.0037	0.0009	0.0012	0.0014	0.0013	0.0037	0.0037	2.60E-03	7.19E-04	6.13E-09	7.85E-06	2.88E-05	8.20E-06	3.36E-03	1.27E-03	7.19E-04	6.13E-09	3.82E-06	1.40E-05	3.99E-06	2.01E-03
3617	474863.09, 3850877.25	0.002	0.004	0.0009	0.0013	0.0014	0.0014	0.004	0.004	2.70E-03	7.86E-04	6.33E-09	8.10E-06	2.86E-05	8.38E-06	3.53E-03	1.31E-03	7.86E-04	6.33E-09	3.95E-06	1.39E-05	4.08E-06	2.12E-03
3618	475363.09, 3850877.25	0.002	0.0044	0.001	0.0013	0.0014	0.0014	0.0044	0.0044	2.78E-03	8.59E-04	6.60E-09	8.30E-06	2.92E-05	8.63E-06	3.68E-03	1.35E-03	8.59E-04	6.60E-09	4.04E-06	1.42E-05	4.20E-06	2.23E-03
3619	475863.09, 3850877.25	0.0021	0.0048	0.001	0.0013	0.0015	0.0014	0.0049	0.0048	2.90E-03	9.50E-04	6.94E-09	8.43E-06	3.08E-05	8.81E-06	3.90E-03	1.41E-03	9.50E-04	6.94E-09	4.10E-06	1.50E-05	4.29E-06	2.38E-03
3620	476363.09, 3850877.25	0.0023	0.0054	0.0011	0.0013	0.0016	0.0014	0.0055	0.0054	3.14E-03	1.07E-03	7.21E-09	8.49E-06	3.24E-05	8.81E-06	4.26E-03	1.53E-03	1.07E-03	7.21E-09	4.13E-06	1.58E-05	4.29E-06	2.62E-03
3621	476863.09, 3850877.25	0.0025	0.0061	0.001	0.0014	0.0017	0.0015	0.0061	0.0061	3.38E-03	1.19E-03	7.00E-09	8.75E-06	3.39E-05	8.93E-06	4.62E-03	1.64E-03	1.19E-03	7.00E-09	4.26E-06	1.65E-05	4.35E-06	2.86E-03
3622	477363.09, 3850877.25	0.0027	0.007	0.001	0.0014	0.0017	0.0015	0.0071	0.007	3.64E-03	1.38E-03	6.46E-09	9.07E-06	3.47E-05	9.18E-06	5.07E-03	1.77E-03	1.38E-03	6.46E-09	4.41E-06	1.69E-05	4.47E-06	3.17E-03
3623	477863.09, 3850877.25	0.003	0.0084	0.0009	0.0014	0.0017	0.0016	0.0086	0.0084	4.02E-03	1.66E-03	6.33E-09	9.13E-06	3.45E-05	9.48E-06	5.73E-03	1.95E-03	1.66E-03	6.33E-09	4.45E-06	1.68E-05	4.62E-06	3.64E-03
3624	478363.09, 3850877.25	0.0035	0.0111	0.001	0.0014	0.0017	0.0015	0.0112	0.0111	4.75E-03	2.18E-03	6.94E-09	9.07E-06	3.37E-05	9.30E-06	6.98E-03	2.31E-03	2.18E-03	6.94E-09	4.41E-06	1.64E-05	4.53E-06	4.51E-03
3625	478863.09, 3850877.25	0.0047	0.0162	0.001	0.0014	0.0016	0.0015	0.0165	0.0162	6.34E-03	3.20E-03	6.94E-09	8.94E-06	3.28E-05	8.99E-06	9.59E-03	3.09E-03	3.20E-03	6.94E-09	4.35E-06	1.60E-05	4.38E-06	6.31E-03
3626	479363.09, 3850877.25	0.0083	0.0357	0.0009	0.0015	0.0016	0.0016	0.0368	0.0357	1.13E-02	7.02E-03	6.26E-09	9.39E-06	3.30E-05	9.54E-06	1.84E-02	5.51E-03	7.02E-03	6.26E-09	4.57E-06	1.61E-05	4.65E-06	1.26E-02
3627	479863.09, 3850877.25	0.0537	0.2799	0.0009	0.0015	0.0017	0.0016	0.2668	0.2799	7.32E-02	5.51E-02	5.99E-09	9.71E-06	3.43E-05	9.97E-06	1.28E-01	3.56E-02	5.51E-02	5.99E-09	4.73E-06	1.67E-05	4.85E-06	9.08E-02
3628	480363.09, 3850877.25	0.0157	0.0601	0.0009	0.0015	0.0017	0.0016	0.0601	0.0601	2.14E-02	1.18E-02	6.13E-09	9.39E-06	3.45E-05	9.61E-06	3.33E-02	1.04E-02	1.18E-02	6.13E-09	4.57E-06	1.68E-05	4.68E-06	2.23E-02
3629	480863.09, 3850877.25	0.0097	0.033	0.001	0.0014	0.0016	0.0016	0.0331	0.033	1.32E-02	6.49E-03	6.87E-09	9.20E-06	3.22E-05	9.79E-06	1.97E-02	6.42E-03	6.49E-03	6.87E-09	4.48E-06	1.57E-05	4.77E-06	1.29E-02
3630	481363.09, 3850877.25	0.0075	0.0223	0.001	0.0014	0.0014	0.0016	0.0226	0.0223	1.02E-02	4.40E-03	6.53E-09	9.26E-06	2.94E-05	9.54E-06	1.46E-02	4.95E-03	4.40E-03	6.53E-09	4.51E-06	1.43E-05	4.65E-06	9.37E-03
3631	481863.09, 3850877.25	0.0064	0.0161	0.001	0.0015	0.0016	0.0016	0.0162	0.0161	8.71E-03	3.17E-03	6.94E-09	9.58E-06	3.30E-05	9.85E-06	1.19E-02	4.24E-03	3.17E-03	6.94E-09	4.67E-06	1.61E-05	4.79E-06	7.43E-03
3632	482363.09, 3850877.25	0.0054	0.0118	0.001	0.0014	0.0018	0.0015	0.012	0.0118	7.30E-03	2.33E-03	6.87E-09	8.94E-06	3.69E-05	9.18E-06	9.68E-03	3.55E-03	2.33E-03	6.87E-09	4.35E-06	1.80E-05	4.47E-06	5.91E-03
3633	482863.09, 3850877.25	0.0045	0.0096	0.0009	0.0014	0.0014	0.0014	0.0097	0.0096	6.13E-03	1.88E-03	6.33E-09	8.75E-06	2.92E-05	8.81E-06	8.05E-03	2.98E-03	1.88E-03	6.33E-09	4.26E-06	1.42E-05	4.29E-06	4.89E-03
3634	483363.09, 3850877.25	0.0037	0.0078	0.0009	0.0013	0.0013	0.0014	0.008	0.0078	5.01E-03	1.54E-03	6.20E-09	8.36E-06	2.57E-05	8.38E-06	6.60E-03	2.44E-03	1.54E-03	6.20E-09	4.07E-06	1.25E-05	4.08E-06	4.00E-03
3635	483863.09, 3850877.25	0.0034	0.0071	0.0009	0.0013	0.0013	0.0014	0.0073	0.0071	4.66E-03	1.40E-03	5.93E-09	8.30E-06	2.73E-05	8.57E-06	6.10E-03	2.27E-03	1.40E-03	5.93E-09	4.04E-06	1.33E-05	4.17E-06	3.69E-03
3636	484363.09, 3850877.25	0.0035	0.007	0.001	0.0014	0.0016	0.0015	0.0071	0.007	4.75E-03	1.38E-03	6.46E-09	8.68E-06	3.20E-05	8.87E-06	6.18E-03	2.31E-03	1.38E-03	6.46E-09	4.23E-06	1.56E-05	4.32E-06	3.72E-03
3637	484863.09, 3850877.25	0.0034	0.0065	0.0009	0.0014	0.0015	0.0015	0.0067	0.0065	4.62E-03	1.29E-03	6.33E-09	8.68E-06	3.10E-05	8.93E-06	5.95E-03	2.25E-03	1.29E-03	6.33E-09	4.23E-06	1.51E-05	4.35E-06	3.56E-03
3638	485363.09, 3850877.25	0.0033	0.0062	0.001	0.0014	0.0017	0.0015	0.0064	0.0062	4.55E-03	1.23E-03	6.46E-09	8.94E-06	3.49E-05	9.12E-06	5.83E-03	2.21E-03	1.23E-03	6.46E-09	4.35E-06	1.70E-05	4.44E-06	3.47E-03
3639	485863.09, 3850877.25	0.0031	0.0056	0.001	0.0014	0.002	0.0015	0.0057	0.0056	4.23E-03	1.11E-03	6.53E-09	8.68E-06	3.98E-05	8.93E-06	5.40E-03	2.06E-03	1.11E-03	6.53E-09	4.23E-06	1.94E-05	4.35E-06	3.20E-03
3640	486363.09, 3850877.25	0.0031	0.0054	0.001	0.0014	0.0019	0.0015	0.0055	0.0054	4.22E-03	1.07E-03	6.46E-09	9.13E-06	3.90E-05	9.12E-06	5.35E-03	2.05E-03	1.07E-03	6.46E-09	4.45E-06	1.90E-05	4.44E-06	3.15E-03
3641	486863.09, 3850877.25	0.003	0.0051	0.0011	0.0014	0.0015	0.0015	0.0052	0.0051	4.08E-03	1.01E-03	7.21E-09	9.13E-06	3.06E-05	9.06E-06	5.14E-03	1.99E-03	1.01E-03	7.21E-09	4.45E-06	1.49E-05	4.41E-06	3.02E-03
3642	487363.09, 3850877.25	0.0029	0.0048	0.0011	0.0014	0.0013	0.0015	0.0049	0.0048	3.91E-03	9.42E-04	7.34E-09	9.01E-06	2.67E-05	9.06E-06	4.89E-03	1.90E-03	9.42E-04	7.34E-09	4.38E-06	1.30E-05	4.41E-06	2.87E-03
3643	487863.09, 3850877.25	0.0028	0.0045	0.0011	0.0014	0.0014	0.0015	0.0046	0.0045	3.83E-03	8.94E-04	7.21E-09	9.01E-06	2.88E-05	9.30E-06	4.77E-03	1.86E-03	8.94E-04	7.21E-09	4.38E-06	1.40E-05	4.53E-06	2.78E-03
3644	488363.09, 3850877.25	0.0028	0.0043	0.0011	0.0014	0.0014	0.0016	0.0044	0.0043	3.84E-03	8.53E-04	7.14E-09	9.13E-06	2.94E-05	9.48E-06	4.74E-03	1.87E-03	8.53E-04	7.14E-09	4.45E-06	1.43E-05	4.62E-06	2.75E-03
3645	488863.09, 3850877.25	0.0028	0.0041	0.0011	0.0015	0.0013	0.0016	0.0042	0.0041	3.83E-03	8.12E-04	7.54E-09	9.33E-06	2.69E-05	9.67E-06	4.68E-03	1.86E-03	8.12E-04	7.54E-09	4.54E-06	1.31E-05	4.71E-06	2.70E-03
3646	489363.09, 3850877.25	0.0028	0.0039	0.0012	0.0015	0.0014	0.0016	0.004	0.0039	3.83E-03	7.76E-04	8.35E-09	9.46E-06	2.92E-05	9.85E-06	4.65E-03	1.86E-03	7.76E-04	8.35E-09	4.60E-06	1.42E-05	4.79E-06	2.66E-03
3647	489863.09, 3850877.25	0.0028	0.0037	0.0013	0.0015	0.0015	0.0016	0.0038	0.0037	3.81E-03	7.35E-04	8.69E-09	9.58E-06	3.12E-05	1.00E-05	4.60E-03	1.86E-03	7.35E-04	8.69E-09	4.67E-06	1.52E-05	4.88E-06	2.62E-03
3648	490363.09, 3850877.25	0.0028	0.0036	0.0013	0.0015	0.0015	0.0017	0.0037	0.0036	3.81E-03	7.03E-04	8.62E-09	9.65E-06	3.02E-05	1.03E-05	4.57E-03	1.86E-03	7.03E-04	8.62E-09	4.70E-06	1.47E-05	5.00E-06	2.58E-03
3649	490863.09, 3850877.25	0.0028	0.0034	0.0013	0.0015	0.0014	0.0017	0.0035	0.0034	3.80E-03	6.70E-04	8.75E-09	9.71E-06	2.90E-05	1.05E-05	4.52E-03	1.85E-03	6.70E-04	8.75E-09	4.73E-06	1.41E-05	5.09E-06	2.54E-03
3650	491363.09, 3850877.25	0.0027	0.0032	0.0014	0.0015	0.0014	0.0017	0.0033	0.0032	3.73E-03	6.32E-04	9.09E-09	9.78E-06	2.92E-05	1.05E-05	4.41E-03	1.82E-03	6.32E-04	9.09E-09	4.76E-06	1.42E-05	5.09E-06	2.47E-03
3651	491863.09, 3850877.25	0.0027	0.003	0.0014	0.0015	0.0013	0.0017	0.0031	0.003	3.66E-03	5.93E-04	9.43E-09	9.84E-06	2.71E-05	1.05E-05	4.30E-03	1.78E-03	5.93E-04	9.43E-09	4.79E-06	1.32E-05	5.09E-06	2.40E-03
3652	492363.09, 3850877.25	0.0027	0.0028	0.0014	0.0015	0.0014	0.0017	0.0029	0.0028	3.62E-03	5.58E-04	9.70E-09	9.78E-06	2.86E-05	1.05E-05	4.23E-03	1.76E-03	5.58E-04	9.70E-09	4.76E-06	1.39E-05	5.09E-06	2.34E-03
3653	492863.09, 3850877.25	0.0026	0.0027	0.0015	0.0015	0.0015	0.0017	0.0028	0.0027	3.58E-03	5.32E-04	9.97E-09	9.78E-06	3.06E-05	1.06E-05	4.16E-03	1.74E-03	5.32E-04	9.97E-09	4.76E-06	1.49E-05	5.15E-06	2.30E-03
3654	493363.09, 3850877.25	0.0027	0.0026	0.0015	0.0015	0.0016	0.0018	0.0027	0.0026	3.61E-03	5.14E-04	1.01E-08	9.91E-06	3.34E-05	1.07E-05	4.18E-03	1.76E-03	5.14E-04	1.01E-08	4.82E-06	1.63E-05	5.21E-06	2.30E-03

3655	493863.09, 3850877.25	0.0028	0.0026	0.0016	0.0016	0.0018	0.0018	0.0027	0.0026	3.77E-03	5.18E-04	1.04E-08	1.04E-05	3.59E-05	1.11E-05	4.35E-03	1.84E-03	5.18E-04	1.04E-08	5.04E-06	1.75E-05	5.42E-06	2.38E-03
3656	494363.09, 3850877.25	0.0029	0.0026	0.0016	0.0016	0.0018	0.0019	0.0027	0.0026	3.88E-03	5.10E-04	1.06E-08	1.04E-05	3.69E-05	1.14E-05	4.45E-03	1.89E-03	5.10E-04	1.06E-08	5.07E-06	1.80E-05	5.54E-06	2.43E-03
3657	494863.09, 3850877.25	0.003	0.0026	0.0016	0.0017	0.0019	0.002	0.0027	0.0026	4.10E-03	5.16E-04	1.10E-08	1.09E-05	3.88E-05	1.19E-05	4.68E-03	1.99E-03	5.16E-04	1.10E-08	5.29E-06	1.89E-05	5.81E-06	2.54E-03
3658	495363.09, 3850877.25	0.0032	0.0027	0.0017	0.0018	0.0019	0.002	0.0028	0.0027	4.29E-03	5.26E-04	1.12E-08	1.13E-05	3.92E-05	1.24E-05	4.88E-03	2.09E-03	5.26E-04	1.12E-08	5.51E-06	1.91E-05	6.02E-06	2.64E-03
3659	495863.09, 3850877.25	0.0032	0.0026	0.0017	0.0018	0.002	0.002	0.0027	0.0026	4.34E-03	5.16E-04	1.14E-08	1.14E-05	4.02E-05	1.24E-05	4.92E-03	2.11E-03	5.16E-04	1.14E-08	5.57E-06	1.96E-05	6.05E-06	2.66E-03
3660	496363.09, 3850877.25	0.0033	0.0026	0.0017	0.0019	0.0021	0.0021	0.0027	0.0026	4.45E-03	5.14E-04	1.16E-08	1.19E-05	4.22E-05	1.26E-05	5.03E-03	2.17E-03	5.14E-04	1.16E-08	5.79E-06	2.05E-05	6.14E-06	2.71E-03
3661	496863.09, 3850877.25	0.0034	0.0026	0.0018	0.002	0.0022	0.0021	0.0028	0.0026	4.62E-03	5.20E-04	1.21E-08	1.26E-05	4.47E-05	1.30E-05	5.21E-03	2.25E-03	5.20E-04	1.21E-08	6.14E-06	2.17E-05	6.34E-06	2.80E-03
3662	497363.09, 3850877.25	0.0034	0.0026	0.0018	0.002	0.0023	0.0022	0.0027	0.0026	4.63E-03	5.08E-04	1.22E-08	1.29E-05	4.69E-05	1.32E-05	5.21E-03	2.25E-03	5.08E-04	1.22E-08	6.29E-06	2.28E-05	6.40E-06	2.80E-03
3663	497863.09, 3850877.25	0.0034	0.0025	0.0018	0.002	0.0024	0.0022	0.0026	0.0025	4.57E-03	4.94E-04	1.23E-08	1.31E-05	4.87E-05	1.32E-05	5.14E-03	2.23E-03	4.94E-04	1.23E-08	6.36E-06	2.37E-05	6.40E-06	2.76E-03
3664	498363.09, 3850877.25	0.0033	0.0024	0.0018	0.002	0.0025	0.0021	0.0026	0.0024	4.53E-03	4.81E-04	1.24E-08	1.29E-05	5.02E-05	1.31E-05	5.09E-03	2.21E-03	4.81E-04	1.24E-08	6.29E-06	2.44E-05	6.37E-06	2.72E-03
3665	471363.09, 3851377.25	0.0017	0.0019	0.0007	0.0011	0.0014	0.0012	0.002	0.0019	2.30E-03	3.80E-04	4.92E-09	7.20E-06	2.81E-05	7.34E-06	2.72E-03	1.12E-03	3.80E-04	4.92E-09	3.51E-06	1.37E-05	3.57E-06	1.52E-03
3666	471863.09, 3851377.25	0.0018	0.0022	0.0008	0.0012	0.0014	0.0013	0.0023	0.0022	2.41E-03	4.41E-04	5.25E-09	7.59E-06	2.94E-05	7.71E-06	2.90E-03	1.17E-03	4.41E-04	5.25E-09	3.69E-06	1.43E-05	3.75E-06	1.64E-03
3667	472363.09, 3851377.25	0.0018	0.0023	0.0008	0.0012	0.0015	0.0013	0.0024	0.0023	2.46E-03	4.57E-04	5.32E-09	7.59E-06	3.02E-05	7.77E-06	2.97E-03	1.20E-03	4.57E-04	5.32E-09	3.69E-06	1.47E-05	3.78E-06	1.68E-03
3668	472863.09, 3851377.25	0.0018	0.0024	0.0008	0.0012	0.0015	0.0013	0.0025	0.0024	2.51E-03	4.77E-04	5.39E-09	7.59E-06	3.10E-05	7.83E-06	3.03E-03	1.22E-03	4.77E-04	5.39E-09	3.69E-06	1.51E-05	3.81E-06	1.72E-03
3669	473363.09, 3851377.25	0.0019	0.0023	0.0008	0.0012	0.0016	0.0013	0.0024	0.0023	2.52E-03	4.59E-04	5.39E-09	7.46E-06	3.20E-05	7.77E-06	3.02E-03	1.23E-03	4.59E-04	5.39E-09	3.63E-06	1.56E-05	3.78E-06	1.71E-03
3670	473863.09, 3851377.25	0.0019	0.0025	0.0008	0.0012	0.0016	0.0013	0.0025	0.0025	2.61E-03	4.91E-04	5.66E-09	7.59E-06	3.32E-05	7.89E-06	3.15E-03	1.27E-03	4.91E-04	5.66E-09	3.69E-06	1.62E-05	3.84E-06	1.79E-03
3671	474363.09, 3851377.25	0.002	0.003	0.0009	0.0012	0.0017	0.0014	0.003	0.003	2.74E-03	5.85E-04	6.13E-09	7.91E-06	3.37E-05	8.32E-06	3.37E-03	1.33E-03	5.85E-04	6.13E-09	3.85E-06	1.64E-05	4.05E-06	1.94E-03
3672	474863.09, 3851377.25	0.0021	0.0034	0.001	0.0013	0.0016	0.0014	0.0034	0.0034	2.85E-03	6.68E-04	6.60E-09	8.23E-06	3.28E-05	8.75E-06	3.56E-03	1.39E-03	6.68E-04	6.60E-09	4.01E-06	1.60E-05	4.26E-06	2.08E-03
3673	475363.09, 3851377.25	0.0022	0.0037	0.001	0.0013	0.0016	0.0015	0.0038	0.0037	2.93E-03	7.33E-04	6.94E-09	8.62E-06	3.18E-05	9.06E-06	3.71E-03	1.42E-03	7.33E-04	6.94E-09	4.20E-06	1.55E-05	4.41E-06	2.18E-03
3674	475863.09, 3851377.25	0.0022	0.004	0.0011	0.0014	0.0015	0.0015	0.0041	0.004	3.04E-03	7.94E-04	7.14E-09	8.94E-06	3.14E-05	9.30E-06	3.88E-03	1.48E-03	7.94E-04	7.14E-09	4.35E-06	1.53E-05	4.53E-06	2.30E-03
3675	476363.09, 3851377.25	0.0024	0.0044	0.0011	0.0014	0.0016	0.0016	0.0045	0.0044	3.23E-03	8.69E-04	7.47E-09	9.20E-06	3.22E-05	9.61E-06	4.15E-03	1.57E-03	8.69E-04	7.47E-09	4.48E-06	1.57E-05	4.68E-06	2.46E-03
3676	476863.09, 3851377.25	0.0025	0.0049	0.0012	0.0015	0.0017	0.0016	0.0049	0.0049	3.40E-03	9.55E-04	7.81E-09	9.33E-06	3.39E-05	9.73E-06	4.41E-03	1.66E-03	9.55E-04	7.81E-09	4.54E-06	1.65E-05	4.74E-06	2.64E-03
3677	477363.09, 3851377.25	0.0026	0.0053	0.0012	0.0015	0.0018	0.0016	0.0054	0.0053	3.53E-03	1.05E-03	8.08E-09	9.58E-06	3.59E-05	9.85E-06	4.63E-03	1.72E-03	1.05E-03	8.08E-09	4.67E-06	1.75E-05	4.79E-06	2.79E-03
3678	477863.09, 3851377.25	0.0027	0.006	0.0011	0.0015	0.0018	0.0017	0.0061	0.006	3.72E-03	1.18E-03	7.68E-09	9.84E-06	3.75E-05	1.01E-05	4.96E-03	1.81E-03	1.18E-03	7.68E-09	4.79E-06	1.83E-05	4.91E-06	3.02E-03
3679	478363.09, 3851377.25	0.0029	0.007	0.0011	0.0016	0.0019	0.0017	0.0071	0.007	3.98E-03	1.37E-03	7.14E-09	1.02E-05	3.81E-05	1.05E-05	5.40E-03	1.94E-03	1.37E-03	7.14E-09	4.95E-06	1.86E-05	5.09E-06	3.33E-03
3680	478863.09, 3851377.25	0.0032	0.0084	0.0011	0.0016	0.0018	0.0017	0.0086	0.0084	4.32E-03	1.66E-03	7.68E-09	1.02E-05	3.73E-05	1.06E-05	6.03E-03	2.10E-03	1.66E-03	7.68E-09	4.98E-06	1.82E-05	5.15E-06	3.79E-03
3681	479363.09, 3851377.25	0.0035	0.0109	0.0012	0.0016	0.0018	0.0017	0.0111	0.0109	4.81E-03	2.15E-03	7.81E-09	1.01E-05	3.63E-05	1.02E-05	7.01E-03	2.34E-03	2.15E-03	7.81E-09	4.92E-06	1.77E-05	4.94E-06	4.51E-03
3682	479863.09, 3851377.25	0.0044	0.0159	0.0011	0.0016	0.0018	0.0018	0.0163	0.0159	5.94E-03	3.14E-03	7.14E-09	1.04E-05	3.61E-05	1.09E-05	9.13E-03	2.89E-03	3.14E-03	7.14E-09	5.04E-06	1.76E-05	5.30E-06	6.06E-03
3683	480363.09, 3851377.25	0.0074	0.0347	0.001	0.0017	0.0018	0.0019	0.0352	0.0347	1.01E-02	6.83E-03	6.94E-09	1.09E-05	3.71E-05	1.14E-05	1.70E-02	4.93E-03	6.83E-03	6.94E-09	5.32E-06	1.81E-05	5.54E-06	1.18E-02
3684	480863.09, 3851377.25	0.0526	0.3056	0.0011	0.0017	0.0019	0.0018	0.3117	0.3056	7.16E-02	6.02E-02	7.34E-09	1.07E-05	3.77E-05	1.13E-05	1.32E-01	3.49E-02	6.02E-02	7.34E-09	5.23E-06	1.84E-05	5.48E-06	9.51E-02
3685	481363.09, 3851377.25	0.0142	0.0559	0.0012	0.0016	0.0018	0.0019	0.0566	0.0559	1.93E-02	1.10E-02	7.88E-09	1.05E-05	3.59E-05	1.13E-05	3.04E-02	9.39E-03	1.10E-02	7.88E-09	5.13E-06	1.75E-05	5.51E-06	2.04E-02
3686	481863.09, 3851377.25	0.0087	0.027	0.0012	0.0017	0.0016	0.0019	0.0274	0.027	1.19E-02	5.32E-03	8.01E-09	1.11E-05	3.28E-05	1.16E-05	1.72E-02	5.77E-03	5.32E-03	8.01E-09	5.39E-06	1.60E-05	5.63E-06	1.11E-02
3687	482363.09, 3851377.25	0.0069	0.0176	0.0013	0.0017	0.0019	0.0019	0.0178	0.0176	9.42E-03	3.48E-03	8.62E-09	1.11E-05	3.77E-05	1.16E-05	1.30E-02	4.59E-03	3.48E-03	8.62E-09	5.42E-06	1.84E-05	5.63E-06	8.09E-03
3688	482863.09, 3851377.25	0.0056	0.0122	0.0011	0.0017	0.002	0.0017	0.0124	0.0122	7.64E-03	2.40E-03	7.47E-09	1.09E-05	4.06E-05	1.06E-05	1.01E-02	3.72E-03	2.40E-03	7.47E-09	5.29E-06	1.98E-05	5.18E-06	6.14E-03
3689	483363.09, 3851377.25	0.0045	0.0093	0.0011	0.0016	0.0015	0.0016	0.0095	0.0093	6.13E-03	1.83E-03	7.41E-09	1.00E-05	3.06E-05	9.85E-06	8.01E-03	2.98E-03	1.83E-03	7.41E-09	4.88E-06	1.49E-05	4.79E-06	4.84E-03
3690	483863.09, 3851377.25	0.004	0.0079	0.001	0.0015	0.0014	0.0016	0.0081	0.0079	5.42E-03	1.56E-03	6.94E-09	9.71E-06	2.88E-05	9.79E-06	7.03E-03	2.64E-03	1.56E-03	6.94E-09	4.73E-06	1.40E-05	4.77E-06	4.23E-03
3691	484363.09, 3851377.25	0.0041	0.0079	0.0011	0.0016	0.0018	0.0017	0.0081	0.0079	5.55E-03	1.55E-03	7.21E-09	1.04E-05	3.65E-05	1.05E-05	7.16E-03	2.70E-03	1.55E-03	7.21E-09	5.04E-06	1.78E-05	5.12E-06	4.28E-03
3692	484863.09, 3851377.25	0.0036	0.0066	0.001	0.0015	0.0017	0.0016	0.0067	0.0066	4.89E-03	1.29E-03	6.73E-09	9.46E-06	3.39E-05	9.79E-06	6.24E-03	2.38E-03	1.29E-03	6.73E-09	4.60E-06	1.65E-05	4.77E-06	3.70E-03
3693	485363.09, 3851377.25	0.0038	0.0067	0.0011	0.0016	0.0018	0.0018	0.0069	0.0067	5.19E-03	1.32E-03	7.61E-09	1.05E-05	3.61E-05	1.10E-05	6.56E-03	2.52E-03	1.32E-03	7.61E-09	5.10E-06	1.76E-05	5.33E-06	3.87E-03
3694	485863.09, 3851377.25	0.0036	0.006	0.0011	0.0016	0.0021	0.0017	0.0061	0.006	4.90E-03	1.17E-03	7.54E-09	1.03E-05	4.30E-05	1.05E-05	6.14E-03	2.39E-03	1.17E-03	7.54E-09	5.01E-06	2.09E-05	5.12E-06	3.59E-03
3695	486363.09, 3851377.25	0.0036	0.0058	0.0012	0.0017	0.0023	0.0018	0.0059	0.0058	4.96E-03	1.13E-03	8.01E-09	1.09E-05	4.65E-05	1.08E-05	6.16E-03	2.41E-03	1.13E-03	8.01E-09	5.29E-06	2.26E-05	5.24E-06	3.58E-03
3696	486863.09, 3851377.25	0.0035	0.0054	0.0012	0.0017	0.0018	0.0018	0.0055	0.0054	4.77E-03	1.06E-03	8.28E-09	1.07E-05	3.69E-05	1.07E-05	5.88E-03	2.32E-03	1.06E-03	8.28E-09	5.23E-06	1.80E-05	5.21E-06	3.40E-03
3697	487363.09, 3851377.25	0.0032	0.0048	0.0012	0.0016	0.0014	0.0017	0.005	0.0048	4.40E-03	9.50E-04	8.15E-09	1.04E-05	2.94E-05	1.05E-05	5.40E-03	2.14E-03	9.50E-04	8.15E-09	5.07E-06	1.43E-05	5.12E-06	3.11E-03
3698	487863.09, 3851377.25	0.0033	0.0047	0.0013	0.0017	0.0016	0.0018	0.0048	0.0047	4.49E-03	9.26E-04	8.42E-09	1.07E-05	3.18E-05	1.10E-05	5.47E-03	2.19E-03	9.26E-04	8.42E-09	5.23E-06	1.55E-05	5.36E-06	3.14E-03
3699	488363.09, 3851377.25	0.0033	0.0045	0.0013	0.0017	0.0016	0.0019	0.0046	0.0045	4.53E-03	8.87E-04	8.82E-09	1.09E-05	3.20E-05	1.14E-05	5.47E-03	2.21E-03	8.87E-04	8.82E-09	5.29E-06	1.56E-05	5.54E-06	3.12E-03
3700	488863.09, 3851377.25	0.0033	0.0043	0.0015	0.0017	0.0015	0.0019	0.0044	0.0043	4.55E-03	8.41E-04	9.90E-09	1.12E-05	3.00E-05	1.17E-05	5.44E-03	2.21E-03	8.41E-04	9.90E-09	5.45E-06	1.46E-05	5.69E-06	3.08E-03
3701	489363.09, 3851377.25	0.0033	0.0041	0.0015	0.0018	0.0016	0.002	0.0042	0.0041	4.53E-03	8.02E-04	1.02E-08	1.14E-05	3.30E-05	1.19E-05	5.39E-03	2.21E-03	8.02E-04	1.02E-08	5.57E-06	1.61E-05	5.81E-06	3.04E-03
3702	489863.09, 3851377.25	0.0033	0.0039	0.0015	0.0018	0.0017	0.002	0.004	0.0039	4.51E-03	7.60E-04	1.01E-08	1.16E-05	3.45E-05	1.21E-05	5.33E-03	2.19E-03	7.60E-04	1.01E-08	5.64E-06	1.68E-05	5.90E-06	2.98E-03
3703	490363.09, 3851377.25	0.0033	0.0037	0.0015	0.0018	0.0016	0.002	0.0038	0.0037	4.51E-03	7.25E-04	1.04E-08	1.17E-05	3.26E-05	1.23E-05	5.29E-03	2.19E-03	7.25E-04	1.04E-08	5.70E-06	1.59E-05	5.99E-06	2.95E-03
3704	490863.09, 3851377.25	0.0033	0.0035	0.0016	0.0018	0.0016	0.002	0.0036	0.0035	4.48E-03	6.90E-04	1.08E-08	1.17E-05	3.24E-05	1.24E-05	5.23E-03	2.18E-03	6.90E-04	1.08E-08	5.70E-06	1.58E-05	6.02E-06	2.90E-03
3705	491363.09, 3851377.25	0.0032	0.0033	0.0017	0.0018	0.0016	0.002	0.0035	0.0033	4.40E-03	6.50E-04	1.12E-08	1.17E-05	3.24E-05	1.24E-05	5.10E-03	2.14E-03	6.50E-04	1.12E-08	5.70E-06	1.58E-05	6.05E-06	2.82E-03
3706	491863.09, 3851377.25	0.0032	0.0031	0.0017	0.0018	0.0016	0.002	0.0033	0.0031	4.33E-03	6.17E-04	1.16E-08	1.18E-05	3.16E-05	1.24E-05	5.00E-03	2.11E-03	6.17E-04	1.16E-08	5.73E-06	1.54E-05	6.02E-06	2.75E-03
3707	492363.09, 3851377.25	0.0032	0.003	0.0018	0.0018	0.0017	0.002	0.0031	0.003	4.33E-03	5.91E-04	1.19E-08	1.18E-05	3.51E-05	1.25E-05	4.98E-03	2.11E-03	5.91E-04	1.19E-08	5.73E-06	1.71E-05	6.08E-06	2.73E-03
3708	492863.09, 3851377.25	0.0032	0.0029	0.0017	0.0018	0.0019	0.0021	0.003	0.0029	4.30E-03	5.61E-04	1.17E-08	1.17E-05	3.92E-05	1.25E-05	4.93E-03	2.09E-03	5.61E-04	1.17E-08	5.70E-06	1.91E-05	6.11E-06	2.69E-03
3709	493363.09, 3851377.25	0.003	0.0026	0.0017	0.0018	0.0019	0.002	0.0027	0.0026	4.07E-03	5.16E-04	1.15E-08	1.14E-05	3.85E-05	1.22E-05	4.65E-03	1.98E-03	5.16E-04	1.15E-08	5.54E-06	1.88E-05	5.96E-06	2.53E-03
3710	493863.09, 3851377.25	0.0031	0.0026	0.0018	0.0018	0.002	0.0021	0.0028	0.0026	4.25E-03	5.20E-04	1.19E-08	1.18E-05	4.02E-05	1.27E-05	4.83E-03	2.07E-03	5.20E-04	1.19E-08	5.73E-06	1.96E-05	6.16E-06	2.62E-03
3711	494363.09, 3851377.25	0.0034	0.0028	0.0019	0.0019	0.0021	0.0022	0.0029	0.0028	4.64E-03	5.46E-04	1.26E-08	1.24E-05	4.28E-05	1.35E-05	5.26E-03	2.26E-03	5.46E-04	1.26E-08	6.04E-06	2.08E-05	6.55E-06	2.84E-03
3712	494863.09, 3851377.25	0.0035	0.0027	0.0019	0.002	0.0021	0.0023	0.0029	0.0027	4.74E-03	5.38E-04	1.27E-08	1.27E-05	4.30E-05	1.38E-05	5.35E-03	2.31E-03	5.38E-04	1.27E-08	6.17E-06	2.09E-05	6.70E-06	2.88E-03
3713	495363.09, 3851377.25	0.0038	0.0028	0.002	0.0021	0.0022	0.0024	0.003	0.0028	5.11E-03	5.58E-04	1.32E-08	1.34E-05	4.51E-05	1.44E-05	5.74E-03	2.49E-03	5.58E-04	1.32E-08	6.54E-06	2.19E-05	7.03E-06	3.08E-03
3714	495863.09, 3851377.25	0.0038	0.0028	0.002	0.0022	0.0023	0.0024	0.003	0.0028	5.23E-03	5.54E-04	1.35E-08	1.39E-05	4.75E-05	1.46E-05	5.86E-03	2.54E-03	5.54E-04	1.35E-08	6.76E-06	2.31E-05	7.12E-06	3.14E-03
3715	496363.09, 3851377.25	0.0039	0.0028	0.002	0.0022	0.0025	0.0024	0.0029	0.0028	5.28E-03	5.46E-04	1.37E-08	1.43E-05	5.06E-05	1.47E-05	5.91E-03	2.57E-03	5.46E-04	1.37E-08	6.98E-06	2.46E-05	7.18E-06	3.16E-03
3716	496863.09, 3851377.25	0.0039	0.0027	0.0021	0.0023	0.0026	0.0024	0.0029	0.0027	5.28E-03	5.36E-04	1.39E-08	1.47E-05	5.32E-05	1.48E-05	5.90E-03	2.57E-03	5.36E-04	1.39E-08	7.17E-06	2.59E-05	7.21E-06	3.15E-03

3717	497363.09, 3851377.25	0.0039	0.0027	0.0021	0.0023	0.0027	0.0024	0.0028	0.0027	5.24E-03	5.24E-04	1.42E-08	1.49E-05	5.57E-05	1.49E-05	5.85E-03	2.55E-03	5.24E-04	1.42E-08	7.26E-06	2.71E-05	7.24E-06	3.12E-03
3718	497863.09, 3851377.25	0.0038	0.0026	0.0021	0.0023	0.0028	0.0024	0.0027	0.0026	5.16E-03	5.10E-04	1.40E-08	1.48E-05	5.73E-05	1.47E-05	5.76E-03	2.51E-03	5.10E-04	1.40E-08	7.20E-06	2.79E-05	7.18E-06	3.06E-03
3719	498363.09, 3851377.25	0.0037	0.0025	0.002	0.0022	0.0029	0.0024	0.0026	0.0025	5.02E-03	4.89E-04	1.37E-08	1.43E-05	5.85E-05	1.46E-05	5.60E-03	2.45E-03	4.89E-04	1.37E-08	6.98E-06	2.85E-05	7.09E-06	2.98E-03
3720	471363.09, 3851877.25	0.0018	0.0019	0.0008	0.0012	0.0014	0.0012	0.0019	0.0019	2.45E-03	3.72E-04	5.25E-09	7.40E-06	2.88E-05	7.59E-06	2.87E-03	1.19E-03	3.72E-04	5.25E-09	3.60E-06	1.40E-05	3.69E-06	1.59E-03
3721	471863.09, 3851877.25	0.0018	0.0019	0.0008	0.0012	0.0015	0.0013	0.0019	0.0019	2.49E-03	3.74E-04	5.32E-09	7.53E-06	2.96E-05	7.77E-06	2.91E-03	1.21E-03	3.74E-04	5.32E-09	3.66E-06	1.44E-05	3.78E-06	1.61E-03
3722	472363.09, 3851877.25	0.0019	0.0021	0.0008	0.0013	0.0015	0.0013	0.0021	0.0021	2.57E-03	4.08E-04	5.52E-09	8.04E-06	3.06E-05	8.14E-06	3.03E-03	1.25E-03	4.08E-04	5.52E-09	3.91E-06	1.49E-05	3.96E-06	1.68E-03
3723	472863.09, 3851877.25	0.002	0.0022	0.0009	0.0013	0.0016	0.0014	0.0023	0.0022	2.65E-03	4.39E-04	5.79E-09	8.36E-06	3.16E-05	8.44E-06	3.14E-03	1.29E-03	4.39E-04	5.79E-09	4.07E-06	1.54E-05	4.11E-06	1.76E-03
3724	473363.09, 3851877.25	0.002	0.0022	0.0008	0.0013	0.0016	0.0014	0.0022	0.0022	2.70E-03	4.27E-04	5.66E-09	8.30E-06	3.22E-05	8.38E-06	3.17E-03	1.31E-03	4.27E-04	5.66E-09	4.04E-06	1.57E-05	4.08E-06	1.76E-03
3725	473863.09, 3851877.25	0.002	0.0022	0.0009	0.0013	0.0016	0.0014	0.0023	0.0022	2.75E-03	4.37E-04	5.79E-09	8.36E-06	3.32E-05	8.50E-06	3.24E-03	1.34E-03	4.37E-04	5.79E-09	4.07E-06	1.62E-05	4.14E-06	1.80E-03
3726	474363.09, 3851877.25	0.0021	0.0025	0.0009	0.0013	0.0017	0.0014	0.0026	0.0025	2.86E-03	4.96E-04	6.13E-09	8.62E-06	3.51E-05	8.81E-06	3.41E-03	1.39E-03	4.96E-04	6.13E-09	4.20E-06	1.71E-05	4.29E-06	1.91E-03
3727	474863.09, 3851877.25	0.0022	0.0029	0.001	0.0014	0.0018	0.0015	0.0029	0.0029	2.98E-03	5.65E-04	6.60E-09	8.81E-06	3.67E-05	9.18E-06	3.60E-03	1.45E-03	5.65E-04	6.60E-09	4.29E-06	1.79E-05	4.47E-06	2.04E-03
3728	475363.09, 3851877.25	0.0023	0.0031	0.0011	0.0014	0.0018	0.0016	0.0032	0.0031	3.09E-03	6.19E-04	7.07E-09	9.01E-06	3.73E-05	9.54E-06	3.76E-03	1.50E-03	6.19E-04	7.07E-09	4.38E-06	1.82E-05	4.65E-06	2.15E-03
3729	475863.09, 3851877.25	0.0024	0.0034	0.0011	0.0014	0.0018	0.0016	0.0035	0.0034	3.23E-03	6.74E-04	7.47E-09	9.20E-06	3.65E-05	9.79E-06	3.96E-03	1.57E-03	6.74E-04	7.47E-09	4.48E-06	1.78E-05	4.77E-06	2.27E-03
3730	476363.09, 3851877.25	0.0025	0.0036	0.0011	0.0015	0.0017	0.0016	0.0036	0.0036	3.39E-03	7.03E-04	7.54E-09	9.46E-06	3.49E-05	9.85E-06	4.15E-03	1.65E-03	7.03E-04	7.54E-09	4.60E-06	1.70E-05	4.79E-06	2.38E-03
3731	476863.09, 3851877.25	0.0026	0.0039	0.0012	0.0015	0.0017	0.0017	0.004	0.0039	3.53E-03	7.76E-04	7.81E-09	9.91E-06	3.41E-05	1.03E-05	4.36E-03	1.72E-03	7.76E-04	7.81E-09	4.82E-06	1.66E-05	5.00E-06	2.52E-03
3732	477363.09, 3851877.25	0.0027	0.0043	0.0012	0.0016	0.0017	0.0018	0.0044	0.0043	3.66E-03	8.51E-04	8.28E-09	1.02E-05	3.53E-05	1.07E-05	4.57E-03	1.78E-03	8.51E-04	8.28E-09	4.98E-06	1.72E-05	5.21E-06	2.66E-03
3733	477863.09, 3851877.25	0.0028	0.0047	0.0013	0.0016	0.0019	0.0018	0.0048	0.0047	3.81E-03	9.34E-04	8.82E-09	1.05E-05	3.79E-05	1.09E-05	4.81E-03	1.86E-03	9.34E-04	8.82E-09	5.13E-06	1.85E-05	5.30E-06	2.82E-03
3734	478363.09, 3851877.25	0.0029	0.0052	0.0013	0.0017	0.002	0.0018	0.0053	0.0052	4.00E-03	1.02E-03	8.62E-09	1.08E-05	4.02E-05	1.10E-05	5.08E-03	1.95E-03	1.02E-03	8.62E-09	5.26E-06	1.96E-05	5.36E-06	3.00E-03
3735	478863.09, 3851877.25	0.003	0.0059	0.0012	0.0017	0.0021	0.0019	0.0061	0.0059	4.11E-03	1.17E-03	8.01E-09	1.12E-05	4.20E-05	1.15E-05	5.34E-03	2.00E-03	1.17E-03	8.01E-09	5.45E-06	2.05E-05	5.60E-06	3.20E-03
3736	479363.09, 3851877.25	0.0031	0.007	0.0013	0.0018	0.0021	0.002	0.0072	0.007	4.23E-03	1.38E-03	8.55E-09	1.16E-05	4.20E-05	1.21E-05	5.68E-03	2.06E-03	1.38E-03	8.55E-09	5.67E-06	2.05E-05	5.87E-06	3.47E-03
3737	479863.09, 3851877.25	0.0033	0.0085	0.0014	0.0018	0.002	0.0019	0.0087	0.0085	4.53E-03	1.68E-03	9.09E-09	1.18E-05	4.08E-05	1.19E-05	6.28E-03	2.21E-03	1.68E-03	9.09E-09	5.73E-06	1.99E-05	5.78E-06	3.92E-03
3738	480363.09, 3851877.25	0.0038	0.0111	0.0012	0.0018	0.002	0.0021	0.0113	0.0111	5.19E-03	2.19E-03	8.22E-09	1.18E-05	3.98E-05	1.27E-05	7.44E-03	2.52E-03	2.19E-03	8.22E-09	5.73E-06	1.94E-05	6.16E-06	4.74E-03
3739	480863.09, 3851877.25	0.0047	0.0174	0.0012	0.002	0.002	0.0022	0.0176	0.0174	6.44E-03	3.42E-03	8.08E-09	1.26E-05	4.06E-05	1.32E-05	9.93E-03	3.13E-03	3.42E-03	8.08E-09	6.14E-06	1.98E-05	6.43E-06	6.59E-03
3740	481363.09, 3851877.25	0.0128	0.078	0.0014	0.002	0.002	0.0023	0.0792	0.078	1.75E-02	1.54E-02	9.23E-09	1.27E-05	4.16E-05	1.38E-05	3.29E-02	8.51E-03	1.54E-02	9.23E-09	6.17E-06	2.03E-05	6.70E-06	2.39E-02
3741	481863.09, 3851877.25	0.0113	0.0539	0.0013	0.0019	0.002	0.0022	0.0543	0.0539	1.53E-02	1.06E-02	8.96E-09	1.24E-05	4.02E-05	1.35E-05	2.60E-02	7.46E-03	1.06E-02	8.96E-09	6.01E-06	1.96E-05	6.55E-06	1.81E-02
3742	482363.09, 3851877.25	0.008	0.0214	0.0015	0.002	0.0018	0.0022	0.0217	0.0214	1.09E-02	4.22E-03	1.01E-08	1.27E-05	3.59E-05	1.34E-05	1.52E-02	5.31E-03	4.22E-03	1.01E-08	6.20E-06	1.75E-05	6.52E-06	9.56E-03
3743	482863.09, 3851877.25	0.0061	0.0132	0.0013	0.0019	0.002	0.002	0.0135	0.0132	8.35E-03	2.61E-03	8.42E-09	1.23E-05	4.08E-05	1.21E-05	1.10E-02	4.06E-03	2.61E-03	8.42E-09	5.98E-06	1.99E-05	5.87E-06	6.70E-03
3744	483363.09, 3851877.25	0.0054	0.011	0.0013	0.002	0.0021	0.002	0.0113	0.011	7.37E-03	2.17E-03	8.82E-09	1.27E-05	4.32E-05	1.22E-05	9.60E-03	3.59E-03	2.17E-03	8.82E-09	6.20E-06	2.10E-05	5.96E-06	5.79E-03
3745	483863.09, 3851877.25	0.0049	0.0092	0.0013	0.0019	0.0016	0.002	0.0095	0.0092	6.66E-03	1.82E-03	8.55E-09	1.24E-05	3.34E-05	1.21E-05	8.54E-03	3.24E-03	1.82E-03	8.55E-09	6.01E-06	1.63E-05	5.90E-06	5.09E-03
3746	484363.09, 3851877.25	0.0047	0.0086	0.0012	0.002	0.0018	0.002	0.0089	0.0086	6.43E-03	1.69E-03	8.22E-09	1.27E-05	3.69E-05	1.25E-05	8.18E-03	3.13E-03	1.69E-03	8.22E-09	6.20E-06	1.80E-05	6.08E-06	4.85E-03
3747	484863.09, 3851877.25	0.0045	0.0076	0.0012	0.0019	0.0021	0.0021	0.0078	0.0076	6.09E-03	1.49E-03	8.01E-09	1.21E-05	4.32E-05	1.28E-05	7.65E-03	2.96E-03	1.49E-03	8.01E-09	5.89E-06	2.10E-05	6.25E-06	4.49E-03
3748	485363.09, 3851877.25	0.0044	0.007	0.0013	0.002	0.002	0.0022	0.0073	0.007	6.03E-03	1.38E-03	8.96E-09	1.28E-05	4.02E-05	1.32E-05	7.48E-03	2.94E-03	1.38E-03	8.96E-09	6.23E-06	1.96E-05	6.43E-06	4.35E-03
3749	485863.09, 3851877.25	0.0044	0.0066	0.0015	0.0021	0.0023	0.0022	0.0068	0.0066	6.00E-03	1.29E-03	9.83E-09	1.33E-05	4.65E-05	1.34E-05	7.37E-03	2.92E-03	1.29E-03	9.83E-09	6.45E-06	2.26E-05	6.52E-06	4.25E-03
3750	486363.09, 3851877.25	0.0043	0.0059	0.0014	0.002	0.0026	0.0022	0.0061	0.0059	5.80E-03	1.16E-03	9.56E-09	1.29E-05	5.30E-05	1.32E-05	7.04E-03	2.82E-03	1.16E-03	9.56E-09	6.29E-06	2.58E-05	6.40E-06	4.02E-03
3751	486863.09, 3851877.25	0.0042	0.0055	0.0014	0.0021	0.0022	0.0022	0.0057	0.0055	5.65E-03	1.09E-03	9.43E-09	1.33E-05	4.51E-05	1.32E-05	6.81E-03	2.75E-03	1.09E-03	9.43E-09	6.45E-06	2.19E-05	6.43E-06	3.87E-03
3752	487363.09, 3851877.25	0.004	0.0052	0.0015	0.0021	0.0017	0.0022	0.0054	0.0052	5.50E-03	1.02E-03	1.01E-08	1.33E-05	3.43E-05	1.35E-05	6.58E-03	2.68E-03	1.02E-03	1.01E-08	6.48E-06	1.67E-05	6.55E-06	3.73E-03
3753	487863.09, 3851877.25	0.0038	0.0047	0.0016	0.002	0.0017	0.0022	0.0049	0.0047	5.20E-03	9.24E-04	1.07E-08	1.29E-05	3.51E-05	1.35E-05	6.19E-03	2.53E-03	9.24E-04	1.07E-08	6.26E-06	1.71E-05	6.55E-06	3.49E-03
3754	488363.09, 3851877.25	0.0039	0.0045	0.0018	0.002	0.0017	0.0023	0.0046	0.0045	5.24E-03	8.79E-04	1.18E-08	1.31E-05	3.51E-05	1.38E-05	6.18E-03	2.55E-03	8.79E-04	1.18E-08	6.36E-06	1.71E-05	6.73E-06	3.46E-03
3755	488863.09, 3851877.25	0.0038	0.0042	0.0018	0.0021	0.0017	0.0023	0.0043	0.0042	5.12E-03	8.20E-04	1.19E-08	1.33E-05	3.37E-05	1.39E-05	6.00E-03	2.49E-03	8.20E-04	1.19E-08	6.45E-06	1.64E-05	6.76E-06	3.34E-03
3756	489363.09, 3851877.25	0.0037	0.0039	0.0018	0.0021	0.0018	0.0023	0.0041	0.0039	5.02E-03	7.68E-04	1.20E-08	1.34E-05	3.67E-05	1.40E-05	5.86E-03	2.45E-03	7.68E-04	1.20E-08	6.51E-06	1.79E-05	6.79E-06	3.24E-03
3757	489863.09, 3851877.25	0.0037	0.0037	0.0018	0.0021	0.0018	0.0023	0.0039	0.0037	5.00E-03	7.29E-04	1.23E-08	1.34E-05	3.67E-05	1.41E-05	5.79E-03	2.43E-03	7.29E-04	1.23E-08	6.54E-06	1.79E-05	6.85E-06	3.19E-03
3758	490363.09, 3851877.25	0.0037	0.0036	0.0019	0.0021	0.0017	0.0023	0.0037	0.0036	5.05E-03	7.01E-04	1.29E-08	1.36E-05	3.51E-05	1.43E-05	5.82E-03	2.46E-03	7.01E-04	1.29E-08	6.64E-06	1.71E-05	6.94E-06	3.19E-03
3759	490863.09, 3851877.25	0.0038	0.0035	0.002	0.0022	0.0018	0.0024	0.0036	0.0035	5.15E-03	6.80E-04	1.35E-08	1.39E-05	3.57E-05	1.45E-05	5.89E-03	2.50E-03	6.80E-04	1.35E-08	6.76E-06	1.74E-05	7.06E-06	3.22E-03
3760	491363.09, 3851877.25	0.0039	0.0034	0.0021	0.0022	0.0018	0.0024	0.0036	0.0034	5.24E-03	6.64E-04	1.39E-08	1.42E-05	3.67E-05	1.47E-05	5.97E-03	2.55E-03	6.64E-04	1.39E-08	6.89E-06	1.79E-05	7.18E-06	3.25E-03
3761	491863.09, 3851877.25	0.0039	0.0033	0.0021	0.0022	0.002	0.0025	0.0035	0.0033	5.30E-03	6.46E-04	1.41E-08	1.44E-05	4.06E-05	1.50E-05	6.01E-03	2.58E-03	6.46E-04	1.41E-08	7.01E-06	1.98E-05	7.30E-06	3.26E-03
3762	492363.09, 3851877.25	0.0038	0.0031	0.0021	0.0022	0.0022	0.0024	0.0033	0.0031	5.20E-03	6.15E-04	1.39E-08	1.42E-05	4.57E-05	1.49E-05	5.89E-03	2.53E-03	6.15E-04	1.39E-08	6.92E-06	2.22E-05	7.27E-06	3.18E-03
3763	492863.09, 3851877.25	0.0036	0.0028	0.002	0.0021	0.0022	0.0023	0.003	0.0028	4.85E-03	5.54E-04	1.37E-08	1.34E-05	4.51E-05	1.43E-05	5.47E-03	2.36E-03	5.54E-04	1.37E-08	6.54E-06	2.19E-05	6.94E-06	2.95E-03
3764	493363.09, 3851877.25	0.0039	0.003	0.0022	0.0023	0.0024	0.0025	0.0031	0.003	5.28E-03	5.83E-04	1.45E-08	1.45E-05	4.89E-05	1.52E-05	5.94E-03	2.57E-03	5.83E-04	1.45E-08	7.04E-06	2.38E-05	7.39E-06	3.19E-03
3765	493863.09, 3851877.25	0.0042	0.0031	0.0023	0.0024	0.0024	0.0027	0.0033	0.0031	5.77E-03	6.11E-04	1.52E-08	1.53E-05	4.96E-05	1.62E-05	6.46E-03	2.81E-03	6.11E-04	1.52E-08	7.45E-06	2.41E-05	7.89E-06	3.46E-03
3766	494363.09, 3851877.25	0.0042	0.003	0.0022	0.0024	0.0024	0.0026	0.0032	0.003	5.66E-03	5.85E-04	1.50E-08	1.51E-05	4.87E-05	1.61E-05	6.33E-03	2.76E-03	5.85E-04	1.50E-08	7.36E-06	2.37E-05	7.83E-06	3.38E-03
3767	494863.09, 3851877.25	0.0044	0.003	0.0023	0.0025	0.0025	0.0027	0.0032	0.003	5.96E-03	5.93E-04	1.55E-08	1.58E-05	5.12E-05	1.67E-05	6.64E-03	2.90E-03	5.93E-04	1.55E-08	7.70E-06	2.49E-05	8.13E-06	3.54E-03
3768	495363.09, 3851877.25	0.0045	0.003	0.0024	0.0025	0.0027	0.0028	0.0032	0.003	6.13E-03	5.93E-04	1.59E-08	1.61E-05	5.49E-05	1.70E-05	6.81E-03	2.98E-03	5.93E-04	1.59E-08	7.86E-06	2.67E-05	8.28E-06	3.62E-03
3769	495863.09, 3851877.25	0.0046	0.003	0.0024	0.0026	0.0029	0.0028	0.0032	0.003	6.19E-03	5.85E-04	1.61E-08	1.68E-05	5.91E-05	1.72E-05	6.87E-03	3.02E-03	5.85E-04	1.61E-08	8.17E-06	2.88E-05	8.37E-06	3.65E-03
3770	496363.09, 3851877.25	0.0045	0.0029	0.0024	0.0026	0.0031	0.0028	0.0031	0.0029	6.13E-03	5.71E-04	1.60E-08	1.70E-05	6.22E-05	1.70E-05	6.79E-03	2.98E-03	5.71E-04	1.60E-08	8.27E-06	3.03E-05	8.28E-06	3.60E-03
3771	496863.09, 3851877.25	0.0044	0.0028	0.0024	0.0027	0.0032	0.0028	0.003	0.0028	6.03E-03	5.56E-04	1.60E-08	1.72E-05	6.44E-05	1.69E-05	6.69E-03	2.94E-03	5.56E-04	1.60E-08	8.36E-06	3.14E-05	8.22E-06	3.54E-03
3772	497363.09, 3851877.25	0.0043	0.0027	0.0024	0.0026	0.0033	0.0027	0.0029	0.0027	5.91E-03	5.40E-04	1.58E-08	1.69E-05	6.65E-05	1.68E-05	6.55E-03	2.88E-03	5.40E-04	1.58E-08	8.20E-06	3.24E-05	8.16E-06	3.46E-03
3773	497863.09, 3851877.25	0.0042	0.0026	0.0023	0.0025	0.0034	0.0027	0.0028	0.0026	5.66E-03	5.14E-04	1.52E-08	1.62E-05	6.83E-05	1.63E-05	6.28E-03	2.76E-03	5.14E-04	1.52E-08	7.89E-06	3.33E-05	7.92E-06	3.32E-03
3774	498363.09, 3851877.25	0.004	0.0025	0.0022	0.0025	0.0035	0.0026	0.0026	0.0025	5.46E-03	4.93E-04	1.48E-08	1.58E-05	7.04E-05	1.60E-05	6.05E-03	2.66E-03	4.93E-04	1.48E-08	7.70E-06	3.42E-05	7.80E-06	3.20E-03
3775	471363.09, 3852377.25	0.0018	0.0017	0.0008	0.0011	0.0015	0.0012	0.0017	0.0017	2.49E-03	3.27E-04	5.25E-09	7.14E-06	3.00E-05	7.46E-06	2.86E-03	1.21E-03	3.27E-04	5.25E-09	3.48E-06	1.46E-05	3.63E-06	1.56E-03
3776	471863.09, 3852377.25	0.0019	0.0018	0.0008	0.0012	0.0015	0.0013	0.0018	0.0018	2.60E-03	3.55E-04	5.52E-09	7.46E-06	3.10E-05	7.77E-06	3.00E-03	1.27E-03	3.55E-04	5.52E-09	3.63E-06	1.51E-05	3.78E-06	1.64E-03
3777	472363.09, 3852377.25	0.002	0.0019	0.0009	0.0012	0.0015	0.0013	0.0019	0.0019	2.68E-03	3.76E-04	5.72E-09	7.78E-06	3.14E-05	8.08E-06	3.11E-03	1.31E-03	3.76E-04	5.72E-09	3.79E-06	1.53E-05	3.93E-06	1.70E-03
3778	472863.09, 3852377.25	0.002	0.002	0.0009	0.0013	0.0016	0.0014	0.002	0.002	2.76E-03	3.96E-04	5.99E-09	8.23E-06	3.22E-05	8.50E-06	3.21E-03	1.35E-03	3.96E-04	5.99E-09	4.01E-06	1.57E-05	4.14E-06	1.77E-03

3779	473363.09, 3852377.25	0.0021	0.0021	0.0009	0.0013	0.0016	0.0014	0.0021	0.0021	2.85E-03	4.12E-04	6.33E-09	8.56E-06	3.30E-05	8.81E-06	3.31E-03	1.39E-03	4.12E-04	6.33E-09	4.16E-06	1.61E-05	4.29E-06	1.82E-03
3780	473863.09, 3852377.25	0.0022	0.0021	0.001	0.0014	0.0017	0.0015	0.0022	0.0021	2.93E-03	4.20E-04	6.40E-09	8.88E-06	3.41E-05	9.06E-06	3.40E-03	1.42E-03	4.20E-04	6.40E-09	4.32E-06	1.66E-05	4.41E-06	1.87E-03
3781	474363.09, 3852377.25	0.0022	0.0022	0.001	0.0014	0.0017	0.0015	0.0022	0.0022	3.00E-03	4.29E-04	6.53E-09	9.20E-06	3.51E-05	9.24E-06	3.48E-03	1.46E-03	4.29E-04	6.53E-09	4.48E-06	1.71E-05	4.50E-06	1.91E-03
3782	474863.09, 3852377.25	0.0023	0.0026	0.001	0.0015	0.0018	0.0016	0.0026	0.0026	3.16E-03	5.08E-04	6.87E-09	9.71E-06	3.71E-05	9.79E-06	3.72E-03	1.54E-03	5.08E-04	6.87E-09	4.73E-06	1.81E-05	4.77E-06	2.07E-03
3783	475363.09, 3852377.25	0.0024	0.0027	0.001	0.0015	0.0019	0.0016	0.0028	0.0027	3.27E-03	5.28E-04	7.00E-09	9.91E-06	3.88E-05	1.00E-05	3.85E-03	1.59E-03	5.28E-04	7.00E-09	4.82E-06	1.89E-05	4.88E-06	2.15E-03
3784	475863.09, 3852377.25	0.0025	0.0028	0.0011	0.0016	0.002	0.0017	0.0029	0.0028	3.38E-03	5.50E-04	7.27E-09	1.00E-05	4.04E-05	1.03E-05	3.99E-03	1.64E-03	5.50E-04	7.27E-09	4.88E-06	1.97E-05	5.00E-06	2.22E-03
3785	476363.09, 3852377.25	0.0026	0.0029	0.0011	0.0016	0.002	0.0017	0.003	0.0029	3.50E-03	5.67E-04	7.61E-09	1.01E-05	4.12E-05	1.05E-05	4.13E-03	1.70E-03	5.67E-04	7.61E-09	4.92E-06	2.01E-05	5.12E-06	2.30E-03
3786	476863.09, 3852377.25	0.0027	0.0031	0.0012	0.0016	0.002	0.0018	0.0032	0.0031	3.65E-03	6.19E-04	8.15E-09	1.04E-05	4.08E-05	1.08E-05	4.33E-03	1.78E-03	6.19E-04	8.15E-09	5.04E-06	1.99E-05	5.27E-06	2.42E-03
3787	477363.09, 3852377.25	0.0028	0.0033	0.0012	0.0017	0.0019	0.0018	0.0034	0.0033	3.81E-03	6.48E-04	8.35E-09	1.06E-05	3.90E-05	1.11E-05	4.52E-03	1.86E-03	6.48E-04	8.35E-09	5.17E-06	1.90E-05	5.39E-06	2.53E-03
3788	477863.09, 3852377.25	0.0029	0.0031	0.0012	0.0017	0.0018	0.0018	0.0032	0.0031	3.89E-03	6.11E-04	8.01E-09	1.07E-05	3.69E-05	1.11E-05	4.56E-03	1.90E-03	6.11E-04	8.01E-09	5.20E-06	1.80E-05	5.39E-06	2.53E-03
3789	478363.09, 3852377.25	0.0029	0.0031	0.0012	0.0017	0.0019	0.0018	0.0032	0.0031	3.95E-03	6.03E-04	7.95E-09	1.09E-05	3.79E-05	1.12E-05	4.61E-03	1.92E-03	6.03E-04	7.95E-09	5.29E-06	1.85E-05	5.45E-06	2.55E-03
3790	478863.09, 3852377.25	0.0031	0.0038	0.0013	0.0018	0.0021	0.002	0.0039	0.0038	4.26E-03	7.39E-04	8.75E-09	1.17E-05	4.22E-05	1.19E-05	5.07E-03	2.07E-03	7.39E-04	8.75E-09	5.70E-06	2.05E-05	5.81E-06	2.85E-03
3791	479363.09, 3852377.25	0.0033	0.0044	0.0013	0.0019	0.0022	0.0021	0.0045	0.0044	4.51E-03	8.57E-04	8.75E-09	1.23E-05	4.51E-05	1.26E-05	5.43E-03	2.19E-03	8.57E-04	8.75E-09	5.98E-06	2.19E-05	6.14E-06	3.08E-03
3792	479863.09, 3852377.25	0.0034	0.0057	0.0014	0.002	0.0023	0.0022	0.0059	0.0057	4.64E-03	1.13E-03	9.43E-09	1.31E-05	4.73E-05	1.37E-05	5.85E-03	2.26E-03	1.13E-03	9.43E-09	6.39E-06	2.30E-05	6.67E-06	3.43E-03
3793	480363.09, 3852377.25	0.0035	0.0075	0.0016	0.0022	0.0023	0.0024	0.0076	0.0075	4.82E-03	1.47E-03	1.09E-08	1.40E-05	4.63E-05	1.44E-05	6.36E-03	2.35E-03	1.47E-03	1.09E-08	6.79E-06	2.25E-05	7.03E-06	3.85E-03
3794	480863.09, 3852377.25	0.0039	0.0097	0.0015	0.0022	0.0022	0.0025	0.0099	0.0097	5.35E-03	1.91E-03	9.83E-09	1.41E-05	4.49E-05	1.55E-05	7.33E-03	2.60E-03	1.91E-03	9.83E-09	6.86E-06	2.18E-05	7.56E-06	4.55E-03
3795	481363.09, 3852377.25	0.0049	0.0158	0.0015	0.0023	0.0022	0.0027	0.016	0.0158	6.64E-03	3.11E-03	9.97E-09	1.50E-05	4.51E-05	1.62E-05	9.83E-03	3.23E-03	3.11E-03	9.97E-09	7.30E-06	2.19E-05	7.89E-06	6.39E-03
3796	481863.09, 3852377.25	0.0147	0.0901	0.0017	0.0024	0.0023	0.0028	0.0916	0.0901	2.00E-02	1.77E-02	1.14E-08	1.56E-05	4.65E-05	1.74E-05	3.79E-02	9.75E-03	1.77E-02	1.14E-08	7.61E-06	2.26E-05	8.46E-06	2.75E-02
3797	482363.09, 3852377.25	0.0115	0.0502	0.0019	0.0025	0.0022	0.003	0.0505	0.0502	1.56E-02	9.90E-03	1.31E-08	1.58E-05	4.55E-05	1.85E-05	2.56E-02	7.59E-03	9.90E-03	1.31E-08	7.70E-06	2.21E-05	9.02E-06	1.75E-02
3798	482863.09, 3852377.25	0.0077	0.0213	0.002	0.0027	0.0021	0.0029	0.0218	0.0213	1.05E-02	4.19E-03	1.35E-08	1.72E-05	4.20E-05	1.75E-05	1.48E-02	5.13E-03	4.19E-03	1.35E-08	8.39E-06	2.05E-05	8.52E-06	9.36E-03
3799	483363.09, 3852377.25	0.0067	0.0131	0.0016	0.0026	0.0024	0.0026	0.0135	0.0131	9.07E-03	2.57E-03	1.06E-08	1.65E-05	4.92E-05	1.57E-05	1.17E-02	4.41E-03	2.57E-03	1.06E-08	8.05E-06	2.39E-05	7.65E-06	7.02E-03
3800	483863.09, 3852377.25	0.0059	0.0101	0.0016	0.0024	0.0023	0.0024	0.0104	0.0101	7.96E-03	1.98E-03	1.08E-08	1.51E-05	4.63E-05	1.47E-05	1.00E-02	3.88E-03	1.98E-03	1.08E-08	7.36E-06	2.25E-05	7.18E-06	5.89E-03
3801	484363.09, 3852377.25	0.0057	0.0092	0.0014	0.0025	0.0019	0.0027	0.0096	0.0092	7.72E-03	1.81E-03	9.63E-09	1.58E-05	3.81E-05	1.62E-05	9.60E-03	3.76E-03	1.81E-03	9.63E-09	7.70E-06	1.86E-05	7.89E-06	5.60E-03
3802	484863.09, 3852377.25	0.0055	0.0084	0.0015	0.0026	0.0024	0.0028	0.0088	0.0084	7.54E-03	1.65E-03	9.90E-09	1.67E-05	4.92E-05	1.70E-05	9.28E-03	3.67E-03	1.65E-03	9.90E-09	8.11E-06	2.39E-05	8.28E-06	5.37E-03
3803	485363.09, 3852377.25	0.0055	0.0077	0.0018	0.0027	0.0025	0.0029	0.0081	0.0077	7.46E-03	1.52E-03	1.19E-08	1.71E-05	5.16E-05	1.79E-05	9.07E-03	3.63E-03	1.52E-03	1.19E-08	8.33E-06	2.51E-05	8.70E-06	5.20E-03
3804	485863.09, 3852377.25	0.0054	0.0068	0.0019	0.0027	0.0024	0.0029	0.0072	0.0068	7.38E-03	1.35E-03	1.27E-08	1.72E-05	4.87E-05	1.77E-05	8.81E-03	3.59E-03	1.35E-03	1.27E-08	8.36E-06	2.37E-05	8.64E-06	4.98E-03
3805	486363.09, 3852377.25	0.0052	0.006	0.0017	0.0026	0.0029	0.0028	0.0063	0.006	7.09E-03	1.18E-03	1.13E-08	1.65E-05	5.93E-05	1.73E-05	8.36E-03	3.45E-03	1.18E-03	1.13E-08	8.05E-06	2.89E-05	8.40E-06	4.68E-03
3806	486863.09, 3852377.25	0.0051	0.0055	0.0018	0.0026	0.0026	0.0028	0.0058	0.0055	6.89E-03	1.09E-03	1.21E-08	1.69E-05	5.32E-05	1.73E-05	8.06E-03	3.35E-03	1.09E-03	1.21E-08	8.20E-06	2.59E-05	8.43E-06	4.48E-03
3807	487363.09, 3852377.25	0.0048	0.005	0.002	0.0026	0.0019	0.0028	0.0053	0.005	6.58E-03	9.91E-04	1.34E-08	1.66E-05	3.90E-05	1.71E-05	7.64E-03	3.20E-03	9.91E-04	1.34E-08	8.08E-06	1.90E-05	8.31E-06	4.23E-03
3808	487863.09, 3852377.25	0.0046	0.0046	0.0021	0.0025	0.0019	0.0028	0.0049	0.0046	6.28E-03	9.08E-04	1.43E-08	1.63E-05	3.94E-05	1.70E-05	7.26E-03	3.05E-03	9.08E-04	1.43E-08	7.95E-06	1.92E-05	8.28E-06	4.00E-03
3809	488363.09, 3852377.25	0.0044	0.0043	0.0022	0.0025	0.0019	0.0028	0.0045	0.0043	6.03E-03	8.39E-04	1.47E-08	1.61E-05	3.90E-05	1.69E-05	6.94E-03	2.94E-03	8.39E-04	1.47E-08	7.86E-06	1.90E-05	8.22E-06	3.81E-03
3810	488863.09, 3852377.25	0.0043	0.0039	0.0022	0.0025	0.0019	0.0027	0.0042	0.0039	5.79E-03	7.72E-04	1.47E-08	1.60E-05	3.83E-05	1.67E-05	6.63E-03	2.82E-03	7.72E-04	1.47E-08	7.76E-06	1.87E-05	8.13E-06	3.62E-03
3811	489363.09, 3852377.25	0.0042	0.0037	0.0023	0.0025	0.002	0.0027	0.0039	0.0037	5.66E-03	7.23E-04	1.52E-08	1.59E-05	4.06E-05	1.65E-05	6.46E-03	2.76E-03	7.23E-04	1.52E-08	7.73E-06	1.98E-05	8.01E-06	3.52E-03
3812	489863.09, 3852377.25	0.004	0.0034	0.0022	0.0024	0.0019	0.0026	0.0036	0.0034	5.40E-03	6.68E-04	1.50E-08	1.57E-05	3.83E-05	1.61E-05	6.14E-03	2.63E-03	6.68E-04	1.50E-08	7.64E-06	1.87E-05	7.83E-06	3.33E-03
3813	490363.09, 3852377.25	0.0042	0.0034	0.0023	0.0025	0.0019	0.0027	0.0037	0.0034	5.72E-03	6.74E-04	1.58E-08	1.63E-05	3.88E-05	1.66E-05	6.46E-03	2.78E-03	6.74E-04	1.58E-08	7.92E-06	1.89E-05	8.10E-06	3.49E-03
3814	490863.09, 3852377.25	0.0044	0.0034	0.0024	0.0026	0.002	0.0028	0.0037	0.0034	5.95E-03	6.70E-04	1.63E-08	1.67E-05	4.04E-05	1.70E-05	6.69E-03	2.90E-03	6.70E-04	1.63E-08	8.11E-06	1.97E-05	8.28E-06	3.60E-03
3815	491363.09, 3852377.25	0.0048	0.0035	0.0025	0.0028	0.0022	0.0029	0.0038	0.0035	6.48E-03	6.93E-04	1.70E-08	1.78E-05	4.47E-05	1.80E-05	7.25E-03	3.15E-03	6.93E-04	1.70E-08	8.64E-06	2.17E-05	8.76E-06	3.89E-03
3816	491863.09, 3852377.25	0.0048	0.0034	0.0026	0.0028	0.0026	0.003	0.0037	0.0034	6.56E-03	6.78E-04	1.73E-08	1.78E-05	5.24E-05	1.82E-05	7.33E-03	3.19E-03	6.78E-04	1.73E-08	8.67E-06	2.55E-05	8.88E-06	3.91E-03
3817	492363.09, 3852377.25	0.0048	0.0034	0.0026	0.0028	0.0028	0.003	0.0036	0.0034	6.59E-03	6.60E-04	1.74E-08	1.78E-05	5.71E-05	1.84E-05	7.34E-03	3.21E-03	6.60E-04	1.74E-08	8.67E-06	2.78E-05	8.96E-06	3.91E-03
3818	492863.09, 3852377.25	0.005	0.0033	0.0027	0.0028	0.0029	0.0031	0.0036	0.0033	6.78E-03	6.56E-04	1.80E-08	1.83E-05	5.85E-05	1.88E-05	7.53E-03	3.30E-03	6.56E-04	1.80E-08	8.89E-06	2.85E-05	9.17E-06	4.00E-03
3819	493363.09, 3852377.25	0.0052	0.0034	0.0028	0.003	0.0028	0.0032	0.0037	0.0034	7.12E-03	6.66E-04	1.86E-08	1.92E-05	5.79E-05	1.96E-05	7.88E-03	3.47E-03	6.66E-04	1.86E-08	9.33E-06	2.82E-05	9.56E-06	4.18E-03
3820	493863.09, 3852377.25	0.0052	0.0033	0.0028	0.0029	0.0028	0.0032	0.0036	0.0033	7.07E-03	6.46E-04	1.85E-08	1.88E-05	5.69E-05	1.95E-05	7.81E-03	3.44E-03	6.46E-04	1.85E-08	9.17E-06	2.77E-05	9.50E-06	4.13E-03
3821	494363.09, 3852377.25	0.0052	0.0032	0.0027	0.0029	0.0029	0.0032	0.0035	0.0032	7.01E-03	6.28E-04	1.85E-08	1.88E-05	5.93E-05	1.95E-05	7.74E-03	3.41E-03	6.28E-04	1.85E-08	9.17E-06	2.89E-05	9.47E-06	4.09E-03
3822	494863.09, 3852377.25	0.0053	0.0032	0.0028	0.003	0.0032	0.0032	0.0035	0.0032	7.17E-03	6.28E-04	1.85E-08	1.92E-05	6.44E-05	1.98E-05	7.91E-03	3.49E-03	6.28E-04	1.85E-08	9.33E-06	3.14E-05	9.65E-06	4.17E-03
3823	495363.09, 3852377.25	0.0054	0.0032	0.0028	0.0031	0.0035	0.0033	0.0035	0.0032	7.31E-03	6.26E-04	1.87E-08	1.99E-05	7.06E-05	2.02E-05	8.05E-03	3.56E-03	6.26E-04	1.87E-08	9.67E-06	3.43E-05	9.83E-06	4.24E-03
3824	495863.09, 3852377.25	0.0052	0.0031	0.0027	0.0031	0.0036	0.0032	0.0033	0.0031	7.13E-03	6.07E-04	1.84E-08	1.99E-05	7.32E-05	1.98E-05	7.85E-03	3.47E-03	6.07E-04	1.84E-08	9.67E-06	3.56E-05	9.65E-06	4.13E-03
3825	496363.09, 3852377.25	0.0051	0.003	0.0027	0.0031	0.0037	0.0032	0.0032	0.003	6.94E-03	5.85E-04	1.82E-08	1.99E-05	7.57E-05	1.93E-05	7.64E-03	3.38E-03	5.85E-04	1.82E-08	9.67E-06	3.68E-05	9.41E-06	4.02E-03
3826	496863.09, 3852377.25	0.005	0.0029	0.0027	0.003	0.0039	0.0031	0.0031	0.0029	6.79E-03	5.69E-04	1.78E-08	1.94E-05	7.87E-05	1.91E-05	7.48E-03	3.31E-03	5.69E-04	1.78E-08	9.46E-06	3.83E-05	9.29E-06	3.93E-03
3827	497363.09, 3852377.25	0.0047	0.0028	0.0025	0.0029	0.0039	0.003	0.003	0.0028	6.45E-03	5.42E-04	1.69E-08	1.85E-05	8.04E-05	1.84E-05	7.11E-03	3.14E-03	5.42E-04	1.69E-08	8.99E-06	3.91E-05	8.96E-06	3.74E-03
3828	497863.09, 3852377.25	0.0045	0.0026	0.0024	0.0028	0.004	0.0029	0.0028	0.0026	6.07E-03	5.10E-04	1.62E-08	1.77E-05	8.20E-05	1.77E-05	6.70E-03	2.96E-03	5.10E-04	1.62E-08	8.61E-06	3.99E-05	8.64E-06	3.52E-03
3829	498363.09, 3852377.25	0.0042	0.0025	0.0024	0.0027	0.0041	0.0028	0.0026	0.0025	5.75E-03	4.85E-04	1.59E-08	1.72E-05	8.32E-05	1.73E-05	6.35E-03	2.80E-03	4.85E-04	1.59E-08	8.39E-06	4.05E-05	8.43E-06	3.34E-03
3830	471363.09, 3852877.25	0.0019	0.0016	0.0008	0.0011	0.0018	0.0013	0.0016	0.0016	2.57E-03	3.17E-04	5.25E-09	7.27E-06	3.69E-05	7.65E-06	2.94E-03	1.25E-03	3.17E-04	5.25E-09	3.54E-06	1.80E-05	3.72E-06	1.59E-03
3831	471863.09, 3852877.25	0.002	0.0017	0.0008	0.0012	0.0018	0.0013	0.0017	0.0017	2.68E-03	3.37E-04	5.52E-09	7.59E-06	3.67E-05	7.95E-06	3.07E-03	1.31E-03	3.37E-04	5.52E-09	3.69E-06	1.79E-05	3.87E-06	1.67E-03
3832	472363.09, 3852877.25	0.002	0.0018	0.0009	0.0012	0.0018	0.0014	0.0018	0.0018	2.78E-03	3.55E-04	5.79E-09	7.91E-06	3.61E-05	8.26E-06	3.18E-03	1.35E-03	3.55E-04	5.79E-09	3.85E-06	1.76E-05	4.02E-06	1.73E-03
3833	472863.09, 3852877.25	0.0021	0.0019	0.0009	0.0013	0.0017	0.0014	0.0019	0.0019	2.86E-03	3.70E-04	6.06E-09	8.23E-06	3.55E-05	8.57E-06	3.28E-03	1.39E-03	3.70E-04	6.06E-09	4.01E-06	1.73E-05	4.17E-06	1.79E-03
3834	473363.09, 3852877.25	0.0022	0.002	0.001	0.0013	0.0017	0.0015	0.002	0.002	2.97E-03	3.90E-04	6.46E-09	8.62E-06	3.53E-05	8.93E-06	3.41E-03	1.44E-03	3.90E-04	6.46E-09	4.20E-06	1.72E-05	4.35E-06	1.86E-03
3835	473863.09, 3852877.25	0.0023	0.0021	0.001	0.0014	0.0017	0.0015	0.0021	0.0021	3.08E-03	4.14E-04	6.87E-09	9.07E-06	3.55E-05	9.42E-06	3.54E-03	1.50E-03	4.14E-04	6.87E-09	4.41E-06	1.73E-05	4.59E-06	1.94E-03
3836	474363.09, 3852877.25	0.0024	0.0022	0.0011	0.0015	0.0018	0.0016	0.0023	0.0022	3.20E-03	4.39E-04	7.27E-09	9.52E-06	3.67E-05	9.85E-06	3.69E-03	1.56E-03	4.39E-04	7.27E-09	4.63E-06	1.79E-05	4.79E-06	2.02E-03
3837	474863.09, 3852877.25	0.0024	0.0022	0.0011	0.0015	0.0018	0.0016	0.0022	0.0022	3.28E-03	4.31E-04	7.34E-09	9.71E-06	3.73E-05	9.97E-06	3.77E-03	1.60E-03	4.31E-04	7.34E-09	4.73E-06	1.82E-05	4.85E-06	2.06E-03
3838	475363.09, 3852877.25	0.0025	0.0024	0.0011	0.0016	0.0019	0.0017	0.0024	0.0024	3.43E-03	4.63E-04	7.68E-09	1.02E-05	3.90E-05	1.04E-05	3.95E-03	1.67E-03	4.63E-04	7.68E-09	4.95E-06	1.90E-05	5.06E-06	2.16E-03
3839	475863.09, 3852877.25	0.0026	0.0024	0.0012	0.0016	0.002	0.0018	0.0025	0.0024	3.55E-03	4.79E-04	7.81E-09	1.05E-05	4.04E-05	1.07E-05	4.09E-03	1.73E-03	4.79E-04	7.81E-09	5.10E-06	1.97E-05	5.21E-06	2.24E-03
3840	476363.09, 3852877.25	0.0027	0.0024	0.0012	0.0017	0.0021	0.0018	0.0025	0.0024	3.65E-03	4.79E-04	7.74E-09	1.07E-05	4.18E-05	1.08E-05	4.19E-03	1.78E-03	4.79E-04	7.74E-09	5.20E-06	2.04E-05	5.27E-06	2.29E-03

3841	476863.09, 3852877.25	0.0027	0.0024	0.0012	0.0017	0.0021	0.0018	0.0025	0.0024	3.68E-03	4.67E-04	7.74E-09	1.07E-05	4.28E-05	1.09E-05	4.21E-03	1.79E-03	4.67E-04	7.74E-09	5.20E-06	2.08E-05	5.30E-06	2.29E-03
3842	477363.09, 3852877.25	0.0027	0.0024	0.0012	0.0017	0.0022	0.0018	0.0024	0.0024	3.72E-03	4.65E-04	7.95E-09	1.07E-05	4.41E-05	1.10E-05	4.25E-03	1.81E-03	4.65E-04	7.95E-09	5.23E-06	2.14E-05	5.36E-06	2.31E-03
3843	477863.09, 3852877.25	0.0027	0.0023	0.0012	0.0017	0.0021	0.0018	0.0024	0.0023	3.73E-03	4.55E-04	8.01E-09	1.07E-05	4.34E-05	1.12E-05	4.25E-03	1.82E-03	4.55E-04	8.01E-09	5.20E-06	2.11E-05	5.45E-06	2.30E-03
3844	478363.09, 3852877.25	0.0026	0.0022	0.0012	0.0016	0.002	0.0018	0.0022	0.0022	3.57E-03	4.27E-04	8.01E-09	1.05E-05	4.04E-05	1.13E-05	4.06E-03	1.74E-03	4.27E-04	8.01E-09	5.13E-06	1.97E-05	5.48E-06	2.19E-03
3845	478863.09, 3852877.25	0.0028	0.0024	0.0013	0.0018	0.002	0.002	0.0025	0.0024	3.87E-03	4.79E-04	8.42E-09	1.13E-05	3.98E-05	1.20E-05	4.41E-03	1.88E-03	4.79E-04	8.42E-09	5.48E-06	1.94E-05	5.84E-06	2.39E-03
3846	479363.09, 3852877.25	0.0033	0.003	0.0014	0.0019	0.0021	0.0021	0.0031	0.003	4.44E-03	5.81E-04	9.16E-09	1.24E-05	4.24E-05	1.30E-05	5.09E-03	2.16E-03	5.81E-04	9.16E-09	6.04E-06	2.06E-05	6.34E-06	2.77E-03
3847	479863.09, 3852877.25	0.0038	0.0041	0.0016	0.0023	0.0024	0.0025	0.0042	0.0041	5.12E-03	7.98E-04	1.10E-08	1.45E-05	4.85E-05	1.50E-05	5.99E-03	2.49E-03	7.98E-04	1.10E-08	7.04E-06	2.36E-05	7.30E-06	3.33E-03
3848	480363.09, 3852877.25	0.0039	0.0056	0.0018	0.0025	0.0026	0.0028	0.0058	0.0056	5.30E-03	1.10E-03	1.20E-08	1.61E-05	5.22E-05	1.73E-05	6.48E-03	2.58E-03	1.10E-03	1.20E-08	7.86E-06	2.54E-05	8.43E-06	3.72E-03
3849	480863.09, 3852877.25	0.0042	0.007	0.002	0.0026	0.0026	0.003	0.0071	0.007	5.75E-03	1.37E-03	1.34E-08	1.69E-05	5.34E-05	1.80E-05	7.20E-03	2.80E-03	1.37E-03	1.34E-08	8.23E-06	2.60E-05	8.79E-06	4.21E-03
3850	481363.09, 3852877.25	0.0047	0.0094	0.0019	0.0028	0.0025	0.0034	0.0096	0.0094	6.45E-03	1.86E-03	1.26E-08	1.82E-05	5.18E-05	2.08E-05	8.40E-03	3.14E-03	1.86E-03	1.26E-08	8.86E-06	2.52E-05	1.01E-05	5.05E-03
3851	481863.09, 3852877.25	0.0061	0.0158	0.002	0.003	0.0025	0.0037	0.0161	0.0158	8.28E-03	3.12E-03	1.35E-08	1.93E-05	5.12E-05	2.26E-05	1.15E-02	4.03E-03	3.12E-03	1.35E-08	9.39E-06	2.49E-05	1.10E-05	7.19E-03
3852	482363.09, 3852877.25	0.0197	0.1086	0.0023	0.0033	0.0026	0.0042	0.1106	0.1086	2.68E-02	2.14E-02	1.52E-08	2.11E-05	5.26E-05	2.58E-05	4.82E-02	1.30E-02	2.14E-02	1.52E-08	1.03E-05	2.56E-05	1.25E-05	3.45E-02
3853	482863.09, 3852877.25	0.0133	0.0466	0.0029	0.0035	0.0026	0.0042	0.0475	0.0466	1.81E-02	9.18E-03	1.95E-08	2.26E-05	5.22E-05	2.55E-05	2.74E-02	8.83E-03	9.18E-03	1.95E-08	1.10E-05	2.54E-05	1.24E-05	1.81E-02
3854	483363.09, 3852877.25	0.0094	0.0195	0.0021	0.0037	0.0024	0.0039	0.0202	0.0195	1.27E-02	3.84E-03	1.38E-08	2.36E-05	4.89E-05	2.39E-05	1.67E-02	6.20E-03	3.84E-03	1.38E-08	1.15E-05	2.38E-05	1.16E-05	1.01E-02
3855	483863.09, 3852877.25	0.0082	0.0113	0.0021	0.0033	0.0028	0.0035	0.0119	0.0113	1.12E-02	2.22E-03	1.39E-08	2.13E-05	5.71E-05	2.15E-05	1.35E-02	5.45E-03	2.22E-03	1.39E-08	1.04E-05	2.78E-05	1.05E-05	7.71E-03
3856	484363.09, 3852877.25	0.0076	0.0101	0.0019	0.0036	0.0026	0.0039	0.0107	0.0101	1.03E-02	1.99E-03	1.29E-08	2.32E-05	5.28E-05	2.37E-05	1.24E-02	5.04E-03	1.99E-03	1.29E-08	1.13E-05	2.57E-05	1.15E-05	7.07E-03
3857	484863.09, 3852877.25	0.0073	0.0091	0.002	0.0038	0.0024	0.0042	0.0097	0.0091	9.95E-03	1.78E-03	1.34E-08	2.43E-05	4.89E-05	2.56E-05	1.18E-02	4.84E-03	1.78E-03	1.34E-08	1.18E-05	2.38E-05	1.25E-05	6.68E-03
3858	485363.09, 3852877.25	0.007	0.0071	0.0023	0.0035	0.0027	0.0039	0.0077	0.0071	9.52E-03	1.41E-03	1.56E-08	2.23E-05	5.59E-05	2.40E-05	1.10E-02	4.63E-03	1.41E-03	1.56E-08	1.08E-05	2.72E-05	1.17E-05	6.09E-03
3859	485863.09, 3852877.25	0.0067	0.0063	0.0023	0.0035	0.0026	0.0039	0.0068	0.0063	9.12E-03	1.23E-03	1.52E-08	2.23E-05	5.24E-05	2.37E-05	1.05E-02	4.44E-03	1.23E-03	1.52E-08	1.09E-05	2.55E-05	1.16E-05	5.72E-03
3860	486363.09, 3852877.25	0.0063	0.0056	0.0024	0.0034	0.003	0.0037	0.006	0.0056	8.62E-03	1.09E-03	1.60E-08	2.17E-05	6.10E-05	2.29E-05	9.82E-03	4.19E-03	1.09E-03	1.60E-08	1.06E-05	2.97E-05	1.11E-05	5.34E-03
3861	486863.09, 3852877.25	0.0061	0.0051	0.0025	0.0034	0.0029	0.0037	0.0056	0.0051	8.33E-03	1.01E-03	1.70E-08	2.19E-05	5.85E-05	2.26E-05	9.45E-03	4.06E-03	1.01E-03	1.70E-08	1.07E-05	2.85E-05	1.10E-05	5.12E-03
3862	487363.09, 3852877.25	0.0057	0.0047	0.0027	0.0033	0.0022	0.0036	0.0051	0.0047	7.81E-03	9.24E-04	1.81E-08	2.15E-05	4.41E-05	2.20E-05	8.83E-03	3.80E-03	9.24E-04	1.81E-08	1.05E-05	2.14E-05	1.07E-05	4.77E-03
3863	487863.09, 3852877.25	0.0055	0.0044	0.0029	0.0033	0.0022	0.0035	0.0048	0.0044	7.49E-03	8.59E-04	1.93E-08	2.11E-05	4.43E-05	2.16E-05	8.43E-03	3.64E-03	8.59E-04	1.93E-08	1.03E-05	2.15E-05	1.05E-05	4.55E-03
3864	488363.09, 3852877.25	0.0046	0.0037	0.0028	0.003	0.0021	0.0032	0.004	0.0037	6.32E-03	7.19E-04	1.85E-08	1.90E-05	4.20E-05	1.96E-05	7.12E-03	3.07E-03	7.19E-04	1.85E-08	9.24E-06	2.05E-05	9.56E-06	3.83E-03
3865	488863.09, 3852877.25	0.0049	0.0036	0.0028	0.003	0.0022	0.0033	0.004	0.0036	6.60E-03	7.15E-04	1.85E-08	1.96E-05	4.38E-05	1.99E-05	7.40E-03	3.21E-03	7.15E-04	1.85E-08	9.52E-06	2.13E-05	9.71E-06	3.97E-03
3866	489363.09, 3852877.25	0.0049	0.0035	0.0028	0.0031	0.0022	0.0033	0.0039	0.0035	6.67E-03	6.95E-04	1.87E-08	1.97E-05	4.53E-05	1.99E-05	7.45E-03	3.25E-03	6.95E-04	1.87E-08	9.61E-06	2.20E-05	9.71E-06	3.98E-03
3867	489863.09, 3852877.25	0.0049	0.0034	0.0028	0.0031	0.0021	0.0033	0.0038	0.0034	6.70E-03	6.76E-04	1.91E-08	1.98E-05	4.34E-05	1.99E-05	7.46E-03	3.26E-03	6.76E-04	1.91E-08	9.64E-06	2.11E-05	9.68E-06	3.98E-03
3868	490363.09, 3852877.25	0.0056	0.0037	0.003	0.0034	0.0023	0.0035	0.0041	0.0037	7.62E-03	7.27E-04	2.03E-08	2.16E-05	4.61E-05	2.14E-05	8.44E-03	3.71E-03	7.27E-04	2.03E-08	1.05E-05	2.24E-05	1.04E-05	4.48E-03
3869	490863.09, 3852877.25	0.0059	0.0037	0.0031	0.0035	0.0025	0.0036	0.0041	0.0037	7.98E-03	7.29E-04	2.11E-08	2.23E-05	5.00E-05	2.20E-05	8.80E-03	3.88E-03	7.29E-04	2.11E-08	1.09E-05	2.43E-05	1.07E-05	4.66E-03
3870	491363.09, 3852877.25	0.0061	0.0037	0.0033	0.0036	0.0029	0.0037	0.0041	0.0037	8.24E-03	7.29E-04	2.20E-08	2.28E-05	5.98E-05	2.25E-05	9.07E-03	4.01E-03	7.29E-04	2.20E-08	1.11E-05	2.91E-05	1.10E-05	4.79E-03
3871	491863.09, 3852877.25	0.0061	0.0036	0.0033	0.0035	0.0033	0.0037	0.004	0.0036	8.28E-03	7.17E-04	2.24E-08	2.27E-05	6.79E-05	2.26E-05	9.11E-03	4.03E-03	7.17E-04	2.24E-08	1.11E-05	3.31E-05	1.10E-05	4.80E-03
3872	492363.09, 3852877.25	0.0062	0.0036	0.0034	0.0035	0.0034	0.0037	0.004	0.0036	8.39E-03	7.07E-04	2.26E-08	2.28E-05	7.00E-05	2.28E-05	9.21E-03	4.08E-03	7.07E-04	2.26E-08	1.11E-05	3.41E-05	1.11E-05	4.85E-03
3873	492863.09, 3852877.25	0.0064	0.0036	0.0033	0.0036	0.0034	0.0038	0.004	0.0036	8.65E-03	7.09E-04	2.22E-08	2.34E-05	6.91E-05	2.34E-05	9.47E-03	4.21E-03	7.09E-04	2.22E-08	1.14E-05	3.37E-05	1.14E-05	4.97E-03
3874	493363.09, 3852877.25	0.0064	0.0036	0.0033	0.0037	0.0034	0.0039	0.004	0.0036	8.74E-03	7.05E-04	2.20E-08	2.37E-05	7.00E-05	2.37E-05	9.56E-03	4.25E-03	7.05E-04	2.20E-08	1.15E-05	3.41E-05	1.16E-05	5.02E-03
3875	493863.09, 3852877.25	0.0064	0.0035	0.0033	0.0037	0.0036	0.0038	0.0039	0.0035	8.65E-03	6.86E-04	2.19E-08	2.35E-05	7.40E-05	2.35E-05	9.45E-03	4.21E-03	6.86E-04	2.19E-08	1.14E-05	3.60E-05	1.14E-05	4.95E-03
3876	494363.09, 3852877.25	0.0063	0.0034	0.0032	0.0036	0.0039	0.0038	0.0038	0.0034	8.56E-03	6.70E-04	2.15E-08	2.32E-05	7.95E-05	2.34E-05	9.36E-03	4.17E-03	6.70E-04	2.15E-08	1.13E-05	3.87E-05	1.14E-05	4.90E-03
3877	494863.09, 3852877.25	0.0063	0.0034	0.0032	0.0036	0.0042	0.0038	0.0037	0.0034	8.54E-03	6.60E-04	2.15E-08	2.33E-05	8.55E-05	2.34E-05	9.33E-03	4.16E-03	6.60E-04	2.15E-08	1.13E-05	4.16E-05	1.14E-05	4.88E-03
3878	495363.09, 3852877.25	0.0061	0.0032	0.0031	0.0036	0.0043	0.0037	0.0036	0.0032	8.25E-03	6.34E-04	2.11E-08	2.30E-05	8.75E-05	2.28E-05	9.02E-03	4.02E-03	6.34E-04	2.11E-08	1.12E-05	4.26E-05	1.11E-05	4.72E-03
3879	495863.09, 3852877.25	0.0058	0.0031	0.0031	0.0036	0.0044	0.0036	0.0034	0.0031	7.95E-03	6.11E-04	2.08E-08	2.29E-05	9.04E-05	2.21E-05	8.70E-03	3.87E-03	6.11E-04	2.08E-08	1.11E-05	4.40E-05	1.08E-05	4.55E-03
3880	496363.09, 3852877.25	0.0058	0.003	0.003	0.0035	0.0047	0.0036	0.0033	0.003	7.83E-03	5.99E-04	2.04E-08	2.24E-05	9.50E-05	2.18E-05	8.57E-03	3.81E-03	5.99E-04	2.04E-08	1.09E-05	4.63E-05	1.06E-05	4.48E-03
3881	496863.09, 3852877.25	0.0056	0.0029	0.003	0.0034	0.0049	0.0035	0.0032	0.0029	7.61E-03	5.79E-04	1.99E-08	2.17E-05	9.95E-05	2.14E-05	8.33E-03	3.70E-03	5.79E-04	1.99E-08	1.06E-05	4.84E-05	1.04E-05	4.35E-03
3882	497363.09, 3852877.25	0.0051	0.0027	0.0028	0.0032	0.0049	0.0033	0.003	0.0027	6.98E-03	5.40E-04	1.87E-08	2.04E-05	9.89E-05	2.02E-05	7.66E-03	3.40E-03	5.40E-04	1.87E-08	9.93E-06	4.81E-05	9.83E-06	4.01E-03
3883	497863.09, 3852877.25	0.0044	0.0024	0.0026	0.0029	0.0046	0.003	0.0026	0.0024	6.02E-03	4.79E-04	1.72E-08	1.85E-05	9.34E-05	1.85E-05	6.63E-03	2.93E-03	4.79E-04	1.72E-08	9.02E-06	4.55E-05	8.99E-06	3.47E-03
3884	498363.09, 3852877.25	0.0043	0.0024	0.0025	0.0029	0.0046	0.003	0.0025	0.0024	5.84E-03	4.65E-04	1.70E-08	1.84E-05	9.28E-05	1.82E-05	6.43E-03	2.84E-03	4.65E-04	1.70E-08	8.95E-06	4.52E-05	8.88E-06	3.37E-03
3885	471363.09, 3853377.25	0.0019	0.0016	0.0008	0.0011	0.0018	0.0013	0.0016	0.0016	2.61E-03	3.07E-04	5.12E-09	7.27E-06	3.67E-05	7.71E-06	2.97E-03	1.27E-03	3.07E-04	5.12E-09	3.54E-06	1.79E-05	3.75E-06	1.60E-03
3886	471863.09, 3853377.25	0.002	0.0016	0.0008	0.0012	0.0019	0.0013	0.0017	0.0016	2.72E-03	3.21E-04	5.32E-09	7.59E-06	3.92E-05	8.02E-06	3.10E-03	1.33E-03	3.21E-04	5.32E-09	3.69E-06	1.91E-05	3.90E-06	1.67E-03
3887	472363.09, 3853377.25	0.0021	0.0017	0.0008	0.0012	0.002	0.0014	0.0017	0.0017	2.83E-03	3.35E-04	5.59E-09	7.98E-06	4.12E-05	8.38E-06	3.22E-03	1.38E-03	3.35E-04	5.59E-09	3.88E-06	2.01E-05	4.08E-06	1.74E-03
3888	472863.09, 3853377.25	0.0022	0.0018	0.0009	0.0013	0.0021	0.0014	0.0018	0.0018	2.94E-03	3.51E-04	5.93E-09	8.30E-06	4.24E-05	8.75E-06	3.35E-03	1.43E-03	3.51E-04	5.93E-09	4.04E-06	2.06E-05	4.26E-06	1.81E-03
3889	473363.09, 3853377.25	0.0022	0.0018	0.0009	0.0013	0.0021	0.0015	0.0019	0.0018	3.04E-03	3.62E-04	6.26E-09	8.62E-06	4.24E-05	9.06E-06	3.46E-03	1.48E-03	3.62E-04	6.26E-09	4.20E-06	2.06E-05	4.41E-06	1.87E-03
3890	473863.09, 3853377.25	0.0023	0.0019	0.001	0.0014	0.0021	0.0015	0.0019	0.0019	3.14E-03	3.76E-04	6.60E-09	9.01E-06	4.20E-05	9.36E-06	3.58E-03	1.53E-03	3.76E-04	6.60E-09	4.38E-06	2.05E-05	4.56E-06	1.94E-03
3891	474363.09, 3853377.25	0.0024	0.002	0.001	0.0015	0.002	0.0016	0.002	0.002	3.27E-03	3.90E-04	6.94E-09	9.39E-06	4.10E-05	9.73E-06	3.72E-03	1.59E-03	3.90E-04	6.94E-09	4.57E-06	2.00E-05	4.74E-06	2.01E-03
3892	474863.09, 3853377.25	0.0025	0.002	0.0011	0.0015	0.002	0.0016	0.002	0.002	3.38E-03	3.90E-04	7.21E-09	9.58E-06	4.02E-05	9.97E-06	3.83E-03	1.64E-03	3.90E-04	7.21E-09	4.67E-06	1.96E-05	4.85E-06	2.06E-03
3893	475363.09, 3853377.25	0.0026	0.002	0.0011	0.0015	0.002	0.0017	0.0021	0.002	3.50E-03	4.00E-04	7.41E-09	9.91E-06	4.02E-05	1.03E-05	3.96E-03	1.70E-03	4.00E-04	7.41E-09	4.82E-06	1.96E-05	5.03E-06	2.13E-03
3894	475863.09, 3853377.25	0.0027	0.0021	0.0012	0.0016	0.002	0.0018	0.0021	0.0021	3.64E-03	4.12E-04	7.74E-09	1.02E-05	4.10E-05	1.07E-05	4.11E-03	1.77E-03	4.12E-04	7.74E-09	4.98E-06	2.00E-05	5.21E-06	2.21E-03
3895	476363.09, 3853377.25	0.0027	0.0021	0.0012	0.0016	0.0021	0.0018	0.0021	0.0021	3.70E-03	4.08E-04	7.95E-09	1.04E-05	4.18E-05	1.08E-05	4.17E-03	1.80E-03	4.08E-04	7.95E-09	5.04E-06	2.04E-05	5.24E-06	2.24E-03
3896	476863.09, 3853377.25	0.0027	0.002	0.0012	0.0016	0.0021	0.0018	0.002	0.002	3.62E-03	3.94E-04	7.95E-09	1.03E-05	4.22E-05	1.08E-05	4.08E-03	1.76E-03	3.94E-04	7.95E-09	5.01E-06	2.05E-05	5.27E-06	2.19E-03
3897	477363.09, 3853377.25	0.0027	0.002	0.0012	0.0016	0.0021	0.0018	0.0021	0.002	3.72E-03	4.02E-04	8.28E-09	1.05E-05	4.34E-05	1.11E-05	4.18E-03	1.81E-03	4.02E-04	8.28E-09	5.13E-06	2.11E-05	5.42E-06	2.24E-03
3898	477863.09, 3853377.25	0.0028	0.0021	0.0013	0.0017	0.0022	0.0019	0.0021	0.0021	3.87E-03	4.14E-04	8.69E-09	1.09E-05	4.53E-05	1.16E-05	4.35E-03	1.88E-03	4.14E-04	8.69E-09	5.32E-06	2.20E-05	5.66E-06	2.33E-03
3899	478363.09, 3853377.25	0.0028	0.002	0.0013	0.0017	0.0023	0.0019	0.0021	0.002	3.84E-03	4.00E-04	8.96E-09	1.09E-05	4.61E-05	1.19E-05	4.31E-03	1.87E-03	4.00E-04	8.96E-09	5.32E-06	2.24E-05	5.78E-06	2.30E-03
3900	478863.09, 3853377.25	0.0027	0.002	0.0013	0.0017	0.0022	0.002	0.002	0.002	3.73E-03	3.86E-04	9.02E-09	1.09E-05	4.49E-05	1.21E-05	4.18E-03	1.82E-03	3.86E-04	9.02E-09	5.32E-06	2.18E-05	5.87E-06	2.23E-03
3901	479363.09, 3853377.25	0.0033	0.0024	0.0015	0.002	0.0023	0.0022	0.0025	0.0024	4.48E-03	4.77E-04	1.02E-08	1.28E-05	4.75E-05	1.37E-05	5.03E-03	2.18E-03	4.77E-04	1.02E-08	6.23E-06	2.31E-05	6.67E-06	2.69E-03
3902	479863.09, 3853377.25	0.004	0.003	0.0017	0.0023	0.0023	0.0026	0.0031	0.003	5.38E-03	5.95E-04	1.14E-08	1.48E-05	4.77E-05	1.57E-05	6.05E-03	2.62E-03	5.95E-04	1.14E-08	7.20E-06	2.32E-05	7.62E-06	3.25E-03

3903	480363.09, 3853377.25	0.0046	0.0042	0.0022	0.0028	0.0026	0.0031	0.0043	0.0042	6.22E-03	8.20E-04	1.45E-08	1.78E-05	5.24E-05	1.90E-05	7.13E-03	3.03E-03	8.20E-04	1.45E-08	8.67E-06	2.55E-05	9.23E-06	3.89E-03
3904	480863.09, 3853377.25	0.0051	0.0044	0.0021	0.003	0.0028	0.0034	0.0047	0.0044	6.96E-03	8.69E-04	1.42E-08	1.92E-05	5.69E-05	2.10E-05	7.92E-03	3.39E-03	8.69E-04	1.42E-08	9.36E-06	2.77E-05	1.02E-05	4.30E-03
3905	481363.09, 3853377.25	0.0057	0.0064	0.0026	0.0035	0.003	0.0042	0.0066	0.0064	7.76E-03	1.26E-03	1.72E-08	2.26E-05	6.16E-05	2.56E-05	9.13E-03	3.78E-03	1.26E-03	1.72E-08	1.10E-05	3.00E-05	1.24E-05	5.10E-03
3906	481863.09, 3853377.25	0.007	0.0101	0.0026	0.004	0.003	0.0055	0.0102	0.0101	9.46E-03	1.99E-03	1.77E-08	2.60E-05	6.08E-05	3.38E-05	1.16E-02	4.61E-03	1.99E-03	1.77E-08	1.26E-05	2.96E-05	1.65E-05	6.65E-03
3907	482363.09, 3853377.25	0.0111	0.0198	0.003	0.0048	0.0029	0.007	0.0198	0.0198	1.51E-02	3.91E-03	2.05E-08	3.06E-05	5.96E-05	4.30E-05	1.91E-02	7.34E-03	3.91E-03	2.05E-08	1.49E-05	2.90E-05	2.09E-05	1.13E-02
3908	482863.09, 3853377.25	0.0466	0.1295	0.0043	0.0058	0.003	0.0079	0.1421	0.1295	6.35E-02	2.55E-02	2.86E-08	3.70E-05	6.08E-05	4.80E-05	8.91E-02	3.09E-02	2.55E-02	2.86E-08	1.80E-05	2.96E-05	2.34E-05	5.65E-02
3909	483363.09, 3853377.25	0.0162	0.0253	0.0029	0.0063	0.003	0.0078	0.0274	0.0253	2.20E-02	4.98E-03	1.95E-08	4.02E-05	6.14E-05	4.74E-05	2.71E-02	1.07E-02	4.98E-03	1.95E-08	1.96E-05	2.99E-05	2.31E-05	1.58E-02
3910	483863.09, 3853377.25	0.0128	0.0148	0.003	0.0064	0.0029	0.0079	0.0166	0.0148	1.74E-02	2.92E-03	2.01E-08	4.11E-05	5.83E-05	4.83E-05	2.04E-02	8.45E-03	2.92E-03	2.01E-08	2.00E-05	2.84E-05	2.35E-05	1.14E-02
3911	484363.09, 3853377.25	0.0114	0.0114	0.0029	0.0069	0.0034	0.0082	0.013	0.0114	1.55E-02	2.24E-03	1.97E-08	4.41E-05	6.98E-05	5.04E-05	1.79E-02	7.53E-03	2.24E-03	1.97E-08	2.14E-05	3.40E-05	2.45E-05	9.85E-03
3912	484863.09, 3853377.25	0.0109	0.0083	0.0033	0.0065	0.0029	0.0073	0.0097	0.0083	1.48E-02	1.64E-03	2.21E-08	4.17E-05	5.85E-05	4.44E-05	1.66E-02	7.22E-03	1.64E-03	2.21E-08	2.03E-05	2.85E-05	2.16E-05	8.92E-03
3913	485363.09, 3853377.25	0.0096	0.0064	0.0032	0.0055	0.0027	0.0061	0.0075	0.0064	1.30E-02	1.26E-03	2.14E-08	3.52E-05	5.43E-05	3.73E-05	1.44E-02	6.34E-03	1.26E-03	2.14E-08	1.72E-05	2.64E-05	1.82E-05	7.66E-03
3914	485863.09, 3853377.25	0.0079	0.0054	0.0034	0.0048	0.0027	0.0053	0.0062	0.0054	1.07E-02	1.06E-03	2.30E-08	3.11E-05	5.55E-05	3.26E-05	1.19E-02	5.21E-03	1.06E-03	2.30E-08	1.52E-05	2.70E-05	1.59E-05	6.32E-03
3915	486363.09, 3853377.25	0.0079	0.0051	0.0036	0.0049	0.0032	0.0052	0.006	0.0051	1.07E-02	1.01E-03	2.42E-08	3.14E-05	6.44E-05	3.21E-05	1.18E-02	5.21E-03	1.01E-03	2.42E-08	1.53E-05	3.14E-05	1.56E-05	6.28E-03
3916	486863.09, 3853377.25	0.0077	0.0048	0.0039	0.0048	0.0033	0.0051	0.0056	0.0048	1.05E-02	9.53E-04	2.59E-08	3.11E-05	6.71E-05	3.10E-05	1.16E-02	5.11E-03	9.53E-04	2.59E-08	1.52E-05	3.27E-05	1.51E-05	6.13E-03
3917	487363.09, 3853377.25	0.0078	0.0047	0.0041	0.0049	0.0027	0.005	0.0055	0.0047	1.06E-02	9.28E-04	2.78E-08	3.16E-05	5.45E-05	3.07E-05	1.16E-02	5.16E-03	9.28E-04	2.78E-08	1.54E-05	2.65E-05	1.50E-05	6.14E-03
3918	487863.09, 3853377.25	0.0077	0.0046	0.0041	0.0049	0.0026	0.0049	0.0054	0.0046	1.05E-02	8.98E-04	2.77E-08	3.15E-05	5.26E-05	3.02E-05	1.15E-02	5.12E-03	8.98E-04	2.77E-08	1.53E-05	2.56E-05	1.47E-05	6.07E-03
3919	488363.09, 3853377.25	0.0078	0.0045	0.0042	0.0049	0.0026	0.0049	0.0053	0.0045	1.06E-02	8.81E-04	2.81E-08	3.15E-05	5.26E-05	3.01E-05	1.16E-02	5.17E-03	8.81E-04	2.81E-08	1.53E-05	2.56E-05	1.47E-05	6.11E-03
3920	488863.09, 3853377.25	0.0077	0.0043	0.0041	0.0048	0.0027	0.0048	0.005	0.0043	1.05E-02	8.47E-04	2.74E-08	3.09E-05	5.49E-05	2.93E-05	1.15E-02	5.12E-03	8.47E-04	2.74E-08	1.51E-05	2.67E-05	1.43E-05	6.03E-03
3921	489363.09, 3853377.25	0.0076	0.0042	0.004	0.0047	0.0028	0.0047	0.0049	0.0042	1.04E-02	8.18E-04	2.70E-08	3.02E-05	5.71E-05	2.86E-05	1.13E-02	5.05E-03	8.18E-04	2.70E-08	1.47E-05	2.78E-05	1.39E-05	5.92E-03
3922	489863.09, 3853377.25	0.0074	0.004	0.004	0.0045	0.0027	0.0045	0.0046	0.004	1.01E-02	7.86E-04	2.66E-08	2.91E-05	5.45E-05	2.76E-05	1.10E-02	4.91E-03	7.86E-04	2.66E-08	1.42E-05	2.65E-05	1.34E-05	5.75E-03
3923	490363.09, 3853377.25	0.0076	0.004	0.0041	0.0046	0.0029	0.0046	0.0046	0.004	1.03E-02	7.84E-04	2.74E-08	2.95E-05	5.83E-05	2.78E-05	1.12E-02	5.02E-03	7.84E-04	2.74E-08	1.43E-05	2.84E-05	1.36E-05	5.86E-03
3924	490863.09, 3853377.25	0.0076	0.0039	0.0041	0.0046	0.0034	0.0045	0.0046	0.0039	1.04E-02	7.74E-04	2.74E-08	2.95E-05	6.87E-05	2.78E-05	1.13E-02	5.06E-03	7.74E-04	2.74E-08	1.44E-05	3.35E-05	1.35E-05	5.90E-03
3925	491363.09, 3853377.25	0.0077	0.0039	0.0041	0.0046	0.004	0.0045	0.0045	0.0039	1.05E-02	7.64E-04	2.76E-08	2.94E-05	8.08E-05	2.78E-05	1.14E-02	5.10E-03	7.64E-04	2.76E-08	1.43E-05	3.93E-05	1.35E-05	5.93E-03
3926	491863.09, 3853377.25	0.0077	0.0038	0.0041	0.0045	0.0042	0.0045	0.0044	0.0038	1.04E-02	7.53E-04	2.76E-08	2.88E-05	8.50E-05	2.78E-05	1.13E-02	5.08E-03	7.53E-04	2.76E-08	1.40E-05	4.14E-05	1.35E-05	5.90E-03
3927	492363.09, 3853377.25	0.0077	0.0038	0.004	0.0045	0.0041	0.0046	0.0044	0.0038	1.05E-02	7.51E-04	2.70E-08	2.88E-05	8.32E-05	2.80E-05	1.14E-02	5.12E-03	7.51E-04	2.70E-08	1.40E-05	4.05E-05	1.36E-05	5.94E-03
3928	492863.09, 3853377.25	0.0078	0.0038	0.0039	0.0045	0.0042	0.0046	0.0044	0.0038	1.06E-02	7.49E-04	2.65E-08	2.91E-05	8.57E-05	2.83E-05	1.15E-02	5.14E-03	7.49E-04	2.65E-08	1.42E-05	4.17E-05	1.38E-05	5.96E-03
3929	493363.09, 3853377.25	0.0077	0.0037	0.004	0.0045	0.0046	0.0046	0.0043	0.0037	1.04E-02	7.37E-04	2.66E-08	2.86E-05	9.34E-05	2.81E-05	1.13E-02	5.08E-03	7.37E-04	2.66E-08	1.39E-05	4.55E-05	1.37E-05	5.89E-03
3930	493863.09, 3853377.25	0.0076	0.0037	0.0039	0.0044	0.0049	0.0045	0.0042	0.0037	1.03E-02	7.23E-04	2.60E-08	2.84E-05	1.01E-04	2.78E-05	1.12E-02	5.00E-03	7.23E-04	2.60E-08	1.38E-05	4.90E-05	1.35E-05	5.80E-03
3931	494363.09, 3853377.25	0.0073	0.0036	0.0038	0.0042	0.0052	0.0044	0.004	0.0036	9.99E-03	6.99E-04	2.55E-08	2.73E-05	1.06E-04	2.70E-05	1.09E-02	4.86E-03	6.99E-04	2.55E-08	1.33E-05	5.14E-05	1.32E-05	5.64E-03
3932	494863.09, 3853377.25	0.0071	0.0034	0.0037	0.0042	0.0054	0.0043	0.0038	0.0034	9.65E-03	6.74E-04	2.50E-08	2.68E-05	1.10E-04	2.63E-05	1.05E-02	4.70E-03	6.74E-04	2.50E-08	1.30E-05	5.33E-05	1.28E-05	5.45E-03
3933	495363.09, 3853377.25	0.0069	0.0033	0.0037	0.0042	0.0056	0.0042	0.0037	0.0033	9.41E-03	6.58E-04	2.48E-08	2.71E-05	1.13E-04	2.58E-05	1.02E-02	4.58E-03	6.58E-04	2.48E-08	1.32E-05	5.51E-05	1.26E-05	5.32E-03
3934	495863.09, 3853377.25	0.0067	0.0032	0.0036	0.004	0.0058	0.0041	0.0036	0.0032	9.07E-03	6.36E-04	2.39E-08	2.59E-05	1.18E-04	2.51E-05	9.87E-03	4.41E-03	6.36E-04	2.39E-08	1.26E-05	5.76E-05	1.22E-05	5.13E-03
3935	496363.09, 3853377.25	0.0064	0.0031	0.0034	0.0038	0.006	0.004	0.0034	0.0031	8.65E-03	6.09E-04	2.27E-08	2.46E-05	1.22E-04	2.42E-05	9.42E-03	4.21E-03	6.09E-04	2.27E-08	1.20E-05	5.92E-05	1.18E-05	4.90E-03
3936	496863.09, 3853377.25	0.0059	0.0029	0.0032	0.0036	0.0059	0.0038	0.0032	0.0029	8.06E-03	5.69E-04	2.13E-08	2.33E-05	1.20E-04	2.30E-05	8.80E-03	3.92E-03	5.69E-04	2.13E-08	1.14E-05	5.85E-05	1.12E-05	4.57E-03
3937	497363.09, 3853377.25	0.0053	0.0027	0.003	0.0034	0.0055	0.0035	0.0029	0.0027	7.26E-03	5.24E-04	1.99E-08	2.19E-05	1.13E-04	2.15E-05	7.94E-03	3.53E-03	5.24E-04	1.99E-08	1.07E-05	5.48E-05	1.05E-05	4.13E-03
3938	497863.09, 3853377.25	0.0044	0.0023	0.0026	0.003	0.005	0.0031	0.0024	0.0023	5.95E-03	4.45E-04	1.76E-08	1.94E-05	1.02E-04	1.90E-05	6.53E-03	2.90E-03	4.45E-04	1.76E-08	9.42E-06	4.94E-05	9.23E-06	3.41E-03
3939	498363.09, 3853377.25	0.0039	0.0021	0.0024	0.0028	0.0046	0.0029	0.0022	0.0021	5.35E-03	4.06E-04	1.62E-08	1.80E-05	9.38E-05	1.76E-05	5.89E-03	2.60E-03	4.06E-04	1.62E-08	8.77E-06	4.57E-05	8.58E-06	3.07E-03
3940	471363.09, 3853877.25	0.0019	0.0015	0.0008	0.0011	0.0015	0.0013	0.0015	0.0015	2.59E-03	2.97E-04	5.12E-09	7.14E-06	3.14E-05	7.71E-06	2.93E-03	1.26E-03	2.97E-04	5.12E-09	3.48E-06	1.53E-05	3.75E-06	1.58E-03
3941	471863.09, 3853877.25	0.002	0.0016	0.0008	0.0012	0.0017	0.0013	0.0016	0.0016	2.71E-03	3.11E-04	5.25E-09	7.59E-06	3.37E-05	8.08E-06	3.07E-03	1.32E-03	3.11E-04	5.25E-09	3.69E-06	1.64E-05	3.93E-06	1.65E-03
3942	472363.09, 3853877.25	0.0021	0.0016	0.0008	0.0012	0.0018	0.0014	0.0016	0.0016	2.83E-03	3.21E-04	5.45E-09	7.91E-06	3.63E-05	8.32E-06	3.21E-03	1.38E-03	3.21E-04	5.45E-09	3.85E-06	1.77E-05	4.05E-06	1.73E-03
3943	472863.09, 3853877.25	0.0022	0.0017	0.0009	0.0013	0.0019	0.0014	0.0017	0.0017	2.95E-03	3.33E-04	5.72E-09	8.23E-06	3.92E-05	8.69E-06	3.34E-03	1.44E-03	3.33E-04	5.72E-09	4.01E-06	1.91E-05	4.23E-06	1.80E-03
3944	473363.09, 3853877.25	0.0023	0.0017	0.0009	0.0013	0.0021	0.0015	0.0018	0.0017	3.06E-03	3.41E-04	5.93E-09	8.56E-06	4.22E-05	9.06E-06	3.46E-03	1.49E-03	3.41E-04	5.93E-09	4.16E-06	2.05E-05	4.41E-06	1.86E-03
3945	473863.09, 3853877.25	0.0023	0.0018	0.0009	0.0014	0.0022	0.0015	0.0018	0.0018	3.19E-03	3.49E-04	6.26E-09	8.88E-06	4.51E-05	9.36E-06	3.60E-03	1.55E-03	3.49E-04	6.26E-09	4.32E-06	2.19E-05	4.56E-06	1.93E-03
3946	474363.09, 3853877.25	0.0025	0.0018	0.001	0.0014	0.0023	0.0016	0.0019	0.0018	3.34E-03	3.61E-04	6.60E-09	9.26E-06	4.73E-05	9.79E-06	3.76E-03	1.62E-03	3.61E-04	6.60E-09	4.51E-06	2.30E-05	4.77E-06	2.02E-03
3947	474863.09, 3853877.25	0.0026	0.0019	0.001	0.0015	0.0024	0.0017	0.0019	0.0019	3.47E-03	3.70E-04	7.00E-09	9.58E-06	4.85E-05	1.02E-05	3.91E-03	1.69E-03	3.70E-04	7.00E-09	4.67E-06	2.36E-05	4.94E-06	2.09E-03
3948	475363.09, 3853877.25	0.0026	0.0019	0.0011	0.0015	0.0024	0.0017	0.0019	0.0019	3.57E-03	3.68E-04	7.27E-09	9.78E-06	4.79E-05	1.03E-05	4.00E-03	1.74E-03	3.68E-04	7.27E-09	4.76E-06	2.33E-05	5.03E-06	2.14E-03
3949	475863.09, 3853877.25	0.0026	0.0018	0.0011	0.0015	0.0023	0.0017	0.0018	0.0018	3.58E-03	3.55E-04	7.47E-09	9.78E-06	4.63E-05	1.05E-05	4.00E-03	1.74E-03	3.55E-04	7.47E-09	4.76E-06	2.25E-05	5.09E-06	2.13E-03
3950	476363.09, 3853877.25	0.0026	0.0018	0.0011	0.0015	0.0021	0.0017	0.0018	0.0018	3.47E-03	3.47E-04	7.61E-09	9.65E-06	4.36E-05	1.05E-05	3.88E-03	1.69E-03	3.47E-04	7.61E-09	4.70E-06	2.12E-05	5.12E-06	2.07E-03
3951	476863.09, 3853877.25	0.0025	0.0017	0.0012	0.0015	0.0021	0.0017	0.0017	0.0017	3.36E-03	3.33E-04	7.74E-09	9.52E-06	4.20E-05	1.06E-05	3.76E-03	1.64E-03	3.33E-04	7.74E-09	4.63E-06	2.05E-05	5.15E-06	2.00E-03
3952	477363.09, 3853877.25	0.0027	0.0018	0.0012	0.0016	0.0021	0.0018	0.0018	0.0018	3.62E-03	3.53E-04	8.22E-09	1.00E-05	4.32E-05	1.11E-05	4.04E-03	1.76E-03	3.53E-04	8.22E-09	4.88E-06	2.10E-05	5.42E-06	2.15E-03
3953	477863.09, 3853877.25	0.0029	0.0019	0.0013	0.0017	0.0022	0.0019	0.0019	0.0019	3.88E-03	3.78E-04	8.96E-09	1.07E-05	4.53E-05	1.17E-05	4.33E-03	1.89E-03	3.78E-04	8.96E-09	5.23E-06	2.20E-05	5.69E-06	2.30E-03
3954	478363.09, 3853877.25	0.003	0.002	0.0014	0.0017	0.0023	0.002	0.002	0.002	4.10E-03	3.90E-04	9.56E-09	1.12E-05	4.73E-05	1.23E-05	4.56E-03	1.99E-03	3.90E-04	9.56E-09	5.45E-06	2.30E-05	5.99E-06	2.42E-03
3955	478863.09, 3853877.25	0.0029	0.0018	0.0015	0.0017	0.0023	0.002	0.0018	0.0018	3.92E-03	3.61E-04	9.83E-09	1.10E-05	4.59E-05	1.25E-05	4.35E-03	1.91E-03	3.61E-04	9.83E-09	5.35E-06	2.23E-05	6.08E-06	2.30E-03
3956	479363.09, 3853877.25	0.0033	0.0021	0.0016	0.0019	0.0025	0.0023	0.0021	0.0021	4.51E-03	4.10E-04	1.10E-08	1.22E-05	5.14E-05	1.39E-05	4.99E-03	2.19E-03	4.10E-04	1.10E-08	5.95E-06	2.50E-05	6.76E-06	2.64E-03
3957	479863.09, 3853877.25	0.0042	0.0027	0.0019	0.0024	0.0029	0.0027	0.0027	0.0027	5.77E-03	5.26E-04	1.31E-08	1.52E-05	5.87E-05	1.65E-05	6.39E-03	2.81E-03	5.26E-04	1.31E-08	7.39E-06	2.86E-05	8.04E-06	3.38E-03
3958	480363.09, 3853877.25	0.0051	0.0033	0.0023	0.0028	0.003	0.0032	0.0034	0.0033	6.90E-03	6.48E-04	1.58E-08	1.83E-05	6.02E-05	1.98E-05	7.65E-03	3.36E-03	6.48E-04	1.58E-08	8.89E-06	2.93E-05	9.62E-06	4.06E-03
3959	480863.09, 3853877.25	0.0059	0.0045	0.0031	0.0035	0.003	0.0041	0.0046	0.0045	8.05E-03	8.79E-04	2.06E-08	2.25E-05	6.06E-05	2.51E-05	9.03E-03	3.92E-03	8.79E-04	2.06E-08	1.10E-05	2.95E-05	1.22E-05	4.85E-03
3960	481363.09, 3853877.25	0.0069	0.0058	0.0037	0.0042	0.0032	0.0054	0.0058	0.0058	9.37E-03	1.14E-03	2.50E-08	2.69E-05	6.42E-05	3.32E-05	1.06E-02	4.56E-03	1.14E-03	2.50E-08	1.31E-05	3.13E-05	1.62E-05	5.76E-03
3961	481863.09, 3853877.25	0.0087	0.0086	0.0046	0.0051	0.0034	0.0083	0.0081	0.0086	1.19E-02	1.69E-03	3.09E-08	3.31E-05	6.91E-05	5.08E-05	1.37E-02	5.77E-03	1.69E-03	3.09E-08	1.61E-05	3.37E-05	2.47E-05	7.54E-03
3962	482363.09, 3853877.25	0.0144	0.0153	0.0047	0.0075	0.0035	0.018	0.013	0.0153	1.96E-02	3.01E-03	3.15E-08	4.80E-05	7.22E-05	1.10E-04	2.28E-02	9.54E-03	3.01E-03	3.15E-08	2.34E-05	3.51E-05	5.37E-05	1.27E-02
3963	482863.09, 3853877.25	0.0751	0.2723	0.006	0.0178	0.0035	0.1376	0.0716	0.2723	1.02E-01	5.36E-02	4.07E-08	1.15E-04	7.22E-05	8.42E-04	1.57E-01	4.97E-02	5.36E-02	4.07E-08	5.59E-05	3.51E-05	4.10E-04	1.04E-01
3964	483363.09, 3853877.25	0.0516	0.0293	0.0053	0.0587	0.0036	0.085	0.046	0.0293	7.02E-02	5.77E-03	3.54E-08	3.78E-04	7.34E-05	5.20E-04	7.70E-02	3.42E-02	5.77E-03	3.54E-08	1.84E-04	3.57E-05	2.53E-04	4.04E-02

3965	483863.09, 3853877.25	0.0278	0.0169	0.0052	0.0319	0.0036	0.0329	0.0252	0.0169	3.78E-02	3.33E-03	3.51E-08	2.05E-04	7.42E-05	2.01E-04	4.16E-02	1.84E-02	3.33E-03	3.51E-08	9.98E-05	3.61E-05	9.78E-05	2.20E-02
3966	484363.09, 3853877.25	0.0212	0.0112	0.0062	0.0205	0.0035	0.0196	0.0169	0.0112	2.88E-02	2.20E-03	4.15E-08	1.32E-04	7.08E-05	1.20E-04	3.13E-02	1.40E-02	2.20E-03	4.15E-08	6.42E-05	3.44E-05	5.83E-05	1.64E-02
3967	484863.09, 3853877.25	0.0176	0.0081	0.0061	0.0142	0.0038	0.0133	0.0119	0.0081	2.40E-02	1.60E-03	4.11E-08	9.10E-05	7.83E-05	8.15E-05	2.58E-02	1.17E-02	1.60E-03	4.11E-08	4.43E-05	3.81E-05	3.97E-05	1.34E-02
3968	485363.09, 3853877.25	0.0133	0.006	0.006	0.0099	0.003	0.0096	0.0084	0.006	1.81E-02	1.18E-03	4.07E-08	6.37E-05	6.08E-05	5.84E-05	1.94E-02	8.79E-03	1.18E-03	4.07E-08	3.10E-05	2.96E-05	2.84E-05	1.01E-02
3969	485863.09, 3853877.25	0.013	0.0056	0.0064	0.0094	0.0033	0.0089	0.0078	0.0056	1.78E-02	1.10E-03	4.34E-08	6.06E-05	6.69E-05	5.44E-05	1.90E-02	8.64E-03	1.10E-03	4.34E-08	2.95E-05	3.26E-05	2.65E-05	9.83E-03
3970	486363.09, 3853877.25	0.012	0.0052	0.0064	0.0085	0.0037	0.008	0.0071	0.0052	1.63E-02	1.03E-03	4.31E-08	5.45E-05	7.49E-05	4.90E-05	1.75E-02	7.93E-03	1.03E-03	4.31E-08	2.65E-05	3.64E-05	2.39E-05	9.05E-03
3971	486863.09, 3853877.25	0.0111	0.0049	0.0061	0.0077	0.0041	0.0072	0.0065	0.0049	1.51E-02	9.71E-04	4.11E-08	4.93E-05	8.38E-05	4.43E-05	1.62E-02	7.35E-03	9.71E-04	4.11E-08	2.40E-05	4.08E-05	2.16E-05	8.41E-03
3972	487363.09, 3853877.25	0.0109	0.0049	0.0059	0.0074	0.0035	0.0069	0.0063	0.0049	1.48E-02	9.55E-04	3.98E-08	4.76E-05	7.12E-05	4.22E-05	1.60E-02	7.22E-03	9.55E-04	3.98E-08	2.32E-05	3.46E-05	2.05E-05	8.26E-03
3973	487863.09, 3853877.25	0.0111	0.0049	0.0061	0.0075	0.0032	0.0069	0.0064	0.0049	1.51E-02	9.63E-04	4.08E-08	4.80E-05	6.51E-05	4.21E-05	1.62E-02	7.34E-03	9.63E-04	4.08E-08	2.34E-05	3.17E-05	2.05E-05	8.37E-03
3974	488363.09, 3853877.25	0.0109	0.0048	0.0061	0.0072	0.0032	0.0067	0.0062	0.0048	1.48E-02	9.44E-04	4.08E-08	4.63E-05	6.53E-05	4.07E-05	1.59E-02	7.20E-03	9.44E-04	4.08E-08	2.25E-05	3.18E-05	1.98E-05	8.21E-03
3975	488863.09, 3853877.25	0.0108	0.0048	0.0059	0.0071	0.0036	0.0066	0.0061	0.0048	1.47E-02	9.38E-04	3.95E-08	4.57E-05	7.28E-05	4.03E-05	1.58E-02	7.16E-03	9.38E-04	3.95E-08	2.23E-05	3.54E-05	1.96E-05	8.17E-03
3976	489363.09, 3853877.25	0.0104	0.0045	0.0055	0.0066	0.0036	0.0062	0.0057	0.0045	1.41E-02	8.88E-04	3.73E-08	4.24E-05	7.34E-05	3.77E-05	1.51E-02	6.87E-03	8.88E-04	3.73E-08	2.06E-05	3.57E-05	1.83E-05	7.83E-03
3977	489863.09, 3853877.25	0.0102	0.0044	0.0055	0.0064	0.0036	0.006	0.0055	0.0044	1.39E-02	8.73E-04	3.72E-08	4.10E-05	7.40E-05	3.68E-05	1.49E-02	6.77E-03	8.73E-04	3.72E-08	1.99E-05	3.60E-05	1.79E-05	7.72E-03
3978	490363.09, 3853877.25	0.0099	0.0043	0.0054	0.0061	0.0041	0.0058	0.0052	0.0043	1.35E-02	8.43E-04	3.62E-08	3.92E-05	8.42E-05	3.55E-05	1.45E-02	6.59E-03	8.43E-04	3.62E-08	1.91E-05	4.10E-05	1.73E-05	7.51E-03
3979	490863.09, 3853877.25	0.0098	0.0042	0.0053	0.0059	0.005	0.0057	0.0051	0.0042	1.33E-02	8.25E-04	3.57E-08	3.81E-05	1.01E-04	3.46E-05	1.43E-02	6.48E-03	8.25E-04	3.57E-08	1.86E-05	4.93E-05	1.69E-05	7.39E-03
3980	491363.09, 3853877.25	0.0096	0.0041	0.0052	0.0058	0.0053	0.0056	0.0049	0.0041	1.31E-02	8.14E-04	3.52E-08	3.71E-05	1.08E-04	3.41E-05	1.41E-02	6.38E-03	8.14E-04	3.52E-08	1.80E-05	5.25E-05	1.66E-05	7.28E-03
3981	491863.09, 3853877.25	0.0094	0.0041	0.005	0.0056	0.0051	0.0055	0.0048	0.0041	1.28E-02	8.02E-04	3.37E-08	3.57E-05	1.04E-04	3.37E-05	1.38E-02	6.24E-03	8.02E-04	3.37E-08	1.74E-05	5.05E-05	1.64E-05	7.13E-03
3982	492363.09, 3853877.25	0.0093	0.0041	0.0049	0.0055	0.0054	0.0055	0.0048	0.0041	1.27E-02	8.02E-04	3.31E-08	3.52E-05	1.11E-04	3.35E-05	1.37E-02	6.17E-03	8.02E-04	3.31E-08	1.71E-05	5.39E-05	1.63E-05	7.06E-03
3983	492863.09, 3853877.25	0.0092	0.004	0.0049	0.0054	0.006	0.0055	0.0047	0.004	1.25E-02	7.94E-04	3.27E-08	3.48E-05	1.23E-04	3.33E-05	1.34E-02	6.06E-03	7.94E-04	3.27E-08	1.69E-05	5.98E-05	1.62E-05	6.95E-03
3984	493363.09, 3853877.25	0.0089	0.0039	0.0047	0.0053	0.0064	0.0054	0.0045	0.0039	1.22E-02	7.72E-04	3.16E-08	3.43E-05	1.31E-04	3.28E-05	1.31E-02	5.92E-03	7.72E-04	3.16E-08	1.67E-05	6.38E-05	1.60E-05	6.79E-03
3985	493863.09, 3853877.25	0.0087	0.0038	0.0046	0.0051	0.0068	0.0052	0.0043	0.0038	1.18E-02	7.49E-04	3.08E-08	3.27E-05	1.38E-04	3.19E-05	1.28E-02	5.75E-03	7.49E-04	3.08E-08	1.59E-05	6.74E-05	1.55E-05	6.60E-03
3986	494363.09, 3853877.25	0.0085	0.0037	0.0045	0.005	0.0071	0.0051	0.0042	0.0037	1.15E-02	7.31E-04	3.00E-08	3.21E-05	1.46E-04	3.11E-05	1.24E-02	5.60E-03	7.31E-04	3.00E-08	1.56E-05	7.09E-05	1.52E-05	6.43E-03
3987	494863.09, 3853877.25	0.0082	0.0036	0.0043	0.005	0.0074	0.0049	0.004	0.0036	1.11E-02	7.05E-04	2.89E-08	3.24E-05	1.51E-04	3.02E-05	1.20E-02	5.41E-03	7.05E-04	2.89E-08	1.58E-05	7.36E-05	1.47E-05	6.22E-03
3988	495363.09, 3853877.25	0.0076	0.0034	0.004	0.0046	0.0073	0.0046	0.0037	0.0034	1.03E-02	6.60E-04	2.66E-08	2.93E-05	1.49E-04	2.83E-05	1.12E-02	5.04E-03	6.60E-04	2.66E-08	1.43E-05	7.26E-05	1.38E-05	5.80E-03
3989	495863.09, 3853877.25	0.007	0.0032	0.0037	0.0043	0.0072	0.0044	0.0035	0.0032	9.58E-03	6.23E-04	2.47E-08	2.73E-05	1.46E-04	2.69E-05	1.04E-02	4.67E-03	6.23E-04	2.47E-08	1.33E-05	7.13E-05	1.31E-05	5.39E-03
3990	496363.09, 3853877.25	0.0067	0.003	0.0035	0.0041	0.007	0.0043	0.0033	0.003	9.09E-03	5.97E-04	2.36E-08	2.64E-05	1.44E-04	2.60E-05	9.89E-03	4.43E-03	5.97E-04	2.36E-08	1.29E-05	6.99E-05	1.27E-05	5.12E-03
3991	496863.09, 3853877.25	0.0061	0.0028	0.0033	0.0039	0.0066	0.004	0.003	0.0028	8.24E-03	5.54E-04	2.20E-08	2.50E-05	1.35E-04	2.44E-05	8.98E-03	4.01E-03	5.54E-04	2.20E-08	1.22E-05	6.59E-05	1.19E-05	4.65E-03
3992	497363.09, 3853877.25	0.0055	0.0026	0.0031	0.0037	0.0062	0.0038	0.0028	0.0026	7.54E-03	5.18E-04	2.09E-08	2.38E-05	1.27E-04	2.29E-05	8.23E-03	3.67E-03	5.18E-04	2.09E-08	1.16E-05	6.19E-05	1.12E-05	4.27E-03
3993	497863.09, 3853877.25	0.0049	0.0024	0.0029	0.0035	0.0058	0.0035	0.0025	0.0024	6.64E-03	4.71E-04	1.93E-08	2.23E-05	1.18E-04	2.13E-05	7.28E-03	3.23E-03	4.71E-04	1.93E-08	1.08E-05	5.75E-05	1.04E-05	3.78E-03
3994	498363.09, 3853877.25	0.0045	0.0022	0.0027	0.0033	0.0055	0.0033	0.0023	0.0022	6.15E-03	4.39E-04	1.82E-08	2.15E-05	1.12E-04	2.01E-05	6.75E-03	3.00E-03	4.39E-04	1.82E-08	1.05E-05	5.44E-05	9.80E-06	3.51E-03
3995	471363.09, 3854377.25	0.0018	0.0015	0.0008	0.0011	0.0014	0.0013	0.0015	0.0015	2.51E-03	2.88E-04	5.19E-09	7.14E-06	2.81E-05	7.83E-06	2.84E-03	1.22E-03	2.88E-04	5.19E-09	3.48E-06	1.37E-05	3.81E-06	1.53E-03
3996	471863.09, 3854377.25	0.0019	0.0015	0.0008	0.0012	0.0015	0.0013	0.0015	0.0015	2.63E-03	3.01E-04	5.39E-09	7.53E-06	2.98E-05	8.20E-06	2.97E-03	1.28E-03	3.01E-04	5.39E-09	3.66E-06	1.45E-05	3.99E-06	1.60E-03
3997	472363.09, 3854377.25	0.002	0.0016	0.0008	0.0012	0.0016	0.0014	0.0016	0.0016	2.75E-03	3.11E-04	5.52E-09	7.78E-06	3.16E-05	8.44E-06	3.11E-03	1.34E-03	3.11E-04	5.52E-09	3.79E-06	1.54E-05	4.11E-06	1.67E-03
3998	472863.09, 3854377.25	0.0021	0.0016	0.0009	0.0013	0.0016	0.0014	0.0016	0.0016	2.87E-03	3.17E-04	5.72E-09	8.10E-06	3.34E-05	8.75E-06	3.24E-03	1.40E-03	3.17E-04	5.72E-09	3.95E-06	1.63E-05	4.26E-06	1.74E-03
3999	473363.09, 3854377.25	0.0022	0.0017	0.0009	0.0013	0.0018	0.0015	0.0017	0.0017	3.02E-03	3.29E-04	5.93E-09	8.43E-06	3.57E-05	9.06E-06	3.40E-03	1.47E-03	3.29E-04	5.93E-09	4.10E-06	1.74E-05	4.41E-06	1.83E-03
4000	473863.09, 3854377.25	0.0023	0.0017	0.0009	0.0014	0.0019	0.0015	0.0017	0.0017	3.19E-03	3.41E-04	6.20E-09	8.88E-06	3.85E-05	9.42E-06	3.58E-03	1.55E-03	3.41E-04	6.20E-09	4.32E-06	1.88E-05	4.59E-06	1.92E-03
4001	474363.09, 3854377.25	0.0025	0.0018	0.001	0.0014	0.0021	0.0016	0.0018	0.0018	3.35E-03	3.51E-04	6.46E-09	9.26E-06	4.18E-05	9.85E-06	3.76E-03	1.63E-03	3.51E-04	6.46E-09	4.51E-06	2.04E-05	4.79E-06	2.01E-03
4002	474863.09, 3854377.25	0.0026	0.0018	0.001	0.0015	0.0022	0.0017	0.0018	0.0018	3.47E-03	3.45E-04	6.67E-09	9.52E-06	4.45E-05	1.01E-05	3.88E-03	1.69E-03	3.45E-04	6.67E-09	4.63E-06	2.16E-05	4.91E-06	2.07E-03
4003	475363.09, 3854377.25	0.0026	0.0017	0.001	0.0015	0.0023	0.0017	0.0017	0.0017	3.53E-03	3.29E-04	6.80E-09	9.46E-06	4.65E-05	1.02E-05	3.92E-03	1.72E-03	3.29E-04	6.80E-09	4.60E-06	2.26E-05	4.97E-06	2.08E-03
4004	475863.09, 3854377.25	0.0024	0.0015	0.001	0.0014	0.0021	0.0016	0.0015	0.0015	3.24E-03	2.97E-04	7.00E-09	9.01E-06	4.36E-05	9.97E-06	3.60E-03	1.58E-03	2.97E-04	7.00E-09	4.38E-06	2.12E-05	4.85E-06	1.91E-03
4005	476363.09, 3854377.25	0.0024	0.0015	0.0011	0.0014	0.0022	0.0017	0.0015	0.0015	3.21E-03	2.99E-04	7.27E-09	9.13E-06	4.49E-05	1.02E-05	3.58E-03	1.56E-03	2.99E-04	7.27E-09	4.45E-06	2.18E-05	4.97E-06	1.89E-03
4006	476863.09, 3854377.25	0.0024	0.0016	0.0012	0.0015	0.0023	0.0017	0.0015	0.0016	3.31E-03	3.07E-04	7.74E-09	9.39E-06	4.61E-05	1.05E-05	3.68E-03	1.61E-03	3.07E-04	7.74E-09	4.57E-06	2.24E-05	5.12E-06	1.95E-03
4007	477363.09, 3854377.25	0.0025	0.0016	0.0012	0.0015	0.0023	0.0018	0.0016	0.0016	3.42E-03	3.17E-04	8.22E-09	9.71E-06	4.69E-05	1.10E-05	3.80E-03	1.66E-03	3.17E-04	8.22E-09	4.73E-06	2.28E-05	5.36E-06	2.01E-03
4008	477863.09, 3854377.25	0.0027	0.0017	0.0013	0.0016	0.0023	0.0019	0.0016	0.0017	3.61E-03	3.31E-04	8.69E-09	1.02E-05	4.75E-05	1.16E-05	4.01E-03	1.76E-03	3.31E-04	8.69E-09	4.98E-06	2.31E-05	5.66E-06	2.12E-03
4009	478363.09, 3854377.25	0.0029	0.0018	0.0014	0.0017	0.0024	0.002	0.0018	0.0018	3.98E-03	3.57E-04	9.36E-09	1.10E-05	4.94E-05	1.25E-05	4.40E-03	1.94E-03	3.57E-04	9.36E-09	5.35E-06	2.40E-05	6.08E-06	2.33E-03
4010	478863.09, 3854377.25	0.0032	0.0019	0.0015	0.0018	0.0025	0.0022	0.0018	0.0019	4.30E-03	3.74E-04	1.02E-08	1.17E-05	5.10E-05	1.32E-05	4.75E-03	2.09E-03	3.74E-04	1.02E-08	5.70E-06	2.48E-05	6.40E-06	2.51E-03
4011	479363.09, 3854377.25	0.0038	0.0022	0.0017	0.0021	0.0028	0.0024	0.0022	0.0022	5.20E-03	4.31E-04	1.15E-08	1.34E-05	5.61E-05	1.49E-05	5.72E-03	2.53E-03	4.31E-04	1.15E-08	6.54E-06	2.73E-05	7.24E-06	3.00E-03
4012	479863.09, 3854377.25	0.0045	0.0024	0.002	0.0023	0.003	0.0027	0.0024	0.0024	6.14E-03	4.79E-04	1.34E-08	1.51E-05	6.10E-05	1.68E-05	6.71E-03	2.99E-03	4.79E-04	1.34E-08	7.33E-06	2.97E-05	8.16E-06	3.51E-03
4013	480363.09, 3854377.25	0.0055	0.0029	0.0025	0.0028	0.0033	0.0033	0.0029	0.0029	7.47E-03	5.69E-04	1.68E-08	1.79E-05	6.75E-05	1.99E-05	8.15E-03	3.64E-03	5.69E-04	1.68E-08	8.74E-06	3.29E-05	9.71E-06	4.26E-03
4014	480863.09, 3854377.25	0.0068	0.0037	0.0032	0.0035	0.0037	0.0042	0.0037	0.0037	9.31E-03	7.35E-04	2.18E-08	2.23E-05	7.46E-05	2.58E-05	1.02E-02	4.53E-03	7.35E-04	2.18E-08	1.09E-05	3.63E-05	1.26E-05	5.33E-03
4015	481363.09, 3854377.25	0.0082	0.005	0.0045	0.0044	0.0038	0.0059	0.0048	0.005	1.12E-02	9.81E-04	3.02E-08	2.84E-05	7.65E-05	3.58E-05	1.23E-02	5.45E-03	9.81E-04	3.02E-08	1.38E-05	3.72E-05	1.74E-05	6.50E-03
4016	481863.09, 3854377.25	0.0104	0.0078	0.0076	0.0055	0.0038	0.0102	0.0064	0.0078	1.42E-02	1.54E-03	5.13E-08	3.56E-05	7.67E-05	6.25E-05	1.59E-02	6.92E-03	1.54E-03	5.13E-08	1.73E-05	3.73E-05	3.04E-05	8.54E-03
4017	482363.09, 3854377.25	0.0173	0.0133	0.0112	0.0077	0.0039	0.0229	0.0086	0.0133	2.35E-02	2.61E-03	7.51E-08	4.95E-05	8.02E-05	1.40E-04	2.64E-02	1.15E-02	2.61E-03	7.51E-08	2.41E-05	3.90E-05	6.82E-05	1.42E-02
4018	482863.09, 3854377.25	0.0815	0.2036	0.0145	0.0139	0.0043	0.0909	0.015	0.2036	1.11E-01	4.01E-02	9.74E-08	8.95E-05	8.71E-05	5.56E-04	1.52E-01	5.40E-02	4.01E-02	9.74E-08	4.36E-05	4.24E-05	2.71E-04	9.45E-02
4019	483363.09, 3854377.25	0.1094	0.0353	0.015	0.0422	0.0045	0.0484	0.0567	0.0353	1.49E-01	6.95E-03	1.01E-07	2.71E-04	9.08E-05	2.96E-04	1.57E-01	7.25E-02	6.95E-03	1.01E-07	1.32E-04	4.42E-05	1.44E-04	7.98E-02
4020	483863.09, 3854377.25	0.0667	0.0164	0.0182	0.277	0.0043	0.1358	0.0919	0.0164	9.08E-02	3.22E-03	1.22E-07	1.78E-03	8.85E-05	8.31E-04	9.68E-02	4.42E-02	3.22E-03	1.22E-07	8.67E-04	4.31E-05	4.05E-04	4.88E-02
4021	484363.09, 3854377.25	0.0406	0.0107	0.0186	0.0567	0.0044	0.0372	0.0314	0.0107	5.52E-02	2.10E-03	1.25E-07	3.65E-04	8.99E-05	2.27E-04	5.80E-02	2.69E-02	2.10E-03	1.25E-07	1.77E-04	4.38E-05	1.11E-04	2.93E-02
4022	484863.09, 3854377.25	0.027	0.0079	0.0159	0.028	0.004	0.0206	0.0173	0.0079	3.68E-02	1.56E-03	1.07E-07	1.80E-04	8.16E-05	1.26E-04	3.87E-02	1.79E-02	1.56E-03	1.07E-07	8.76E-05	3.97E-05	6.14E-05	1.97E-02
4023	485363.09, 3854377.25	0.0246	0.0075	0.014	0.0236	0.0045	0.0179	0.0152	0.0075	3.35E-02	1.48E-03	9.45E-08	1.52E-04	9.26E-05	1.10E-04	3.54E-02	1.63E-02	1.48E-03	9.45E-08	7.40E-05	4.51E-05	5.34E-05	1.80E-02
4024	485863.09, 3854377.25	0.02	0.0062	0.0114	0.0167	0.0039	0.0133	0.0111	0.0062	2.73E-02	1.23E-03	7.64E-08	1.07E-04	7.99E-05	8.16E-05	2.88E-02	1.33E-02	1.23E-03	7.64E-08	5.21E-05	3.89E-05	3.97E-05	1.46E-02
4025	486363.09, 3854377.25	0.0186	0.0058	0.0106	0.0145	0.0046	0.0119	0.0098	0.0058	2.53E-02	1.14E-03	7.14E-08	9.31E-05	9.34E-05	7.29E-05	2.67E-02	1.23E-02	1.14E-03	7.14E-08	4.53E-05	4.55E-05	3.55E-05	1.36E-02
4026	486863.09, 3854377.25	0.0167	0.0053	0.0092	0.0121	0.0053	0.0103	0.0083	0.0053	2.27E-02	1.04E-03	6.22E-08	7.80E-05	1.07E-04	6.28E-05	2.40E-02	1.11E-02	1.04E-03	6.22E-08	3.80E-05	5.22E-05	3.06E-05	1.22E-02

4027	487363.09, 3854377.25	0.0159	0.0051	0.0089	0.0111	0.0051	0.0095	0.0078	0.0051	2.17E-02	1.01E-03	5.96E-08	7.17E-05	1.04E-04	5.82E-05	2.29E-02	1.05E-02	1.01E-03	5.96E-08	3.49E-05	5.04E-05	2.84E-05	1.17E-02
4028	487863.09, 3854377.25	0.0154	0.0052	0.0086	0.0106	0.0042	0.0091	0.0076	0.0052	2.09E-02	1.03E-03	5.77E-08	6.79E-05	8.48E-05	5.57E-05	2.21E-02	1.02E-02	1.03E-03	5.77E-08	3.30E-05	4.13E-05	2.71E-05	1.13E-02
4029	488363.09, 3854377.25	0.0147	0.0052	0.0083	0.0099	0.0042	0.0086	0.0072	0.0052	1.99E-02	1.02E-03	5.60E-08	6.34E-05	8.55E-05	5.29E-05	2.12E-02	9.71E-03	1.02E-03	5.60E-08	3.08E-05	4.16E-05	2.57E-05	1.08E-02
4030	488863.09, 3854377.25	0.014	0.0051	0.008	0.0092	0.0048	0.0082	0.0069	0.0051	1.91E-02	1.01E-03	5.38E-08	5.93E-05	9.79E-05	5.03E-05	2.03E-02	9.30E-03	1.01E-03	5.38E-08	2.89E-05	4.77E-05	2.45E-05	1.04E-02
4031	489363.09, 3854377.25	0.0135	0.005	0.0076	0.0087	0.0049	0.0078	0.0065	0.005	1.83E-02	9.83E-04	5.10E-08	5.57E-05	1.01E-04	4.78E-05	1.95E-02	8.93E-03	9.83E-04	5.10E-08	2.71E-05	4.89E-05	2.33E-05	1.00E-02
4032	489863.09, 3854377.25	0.0129	0.0048	0.0071	0.0081	0.0055	0.0075	0.0062	0.0048	1.76E-02	9.52E-04	4.79E-08	5.24E-05	1.13E-04	4.57E-05	1.88E-02	8.56E-03	9.52E-04	4.79E-08	2.55E-05	5.49E-05	2.22E-05	9.62E-03
4033	490363.09, 3854377.25	0.0124	0.0047	0.0067	0.0077	0.0066	0.0071	0.0058	0.0047	1.69E-02	9.18E-04	4.53E-08	4.93E-05	1.34E-04	4.34E-05	1.80E-02	8.22E-03	9.18E-04	4.53E-08	2.40E-05	6.53E-05	2.11E-05	9.25E-03
4034	490863.09, 3854377.25	0.0114	0.0042	0.006	0.0068	0.0063	0.0063	0.0052	0.0042	1.56E-02	8.29E-04	4.01E-08	4.35E-05	1.28E-04	3.87E-05	1.66E-02	7.58E-03	8.29E-04	4.01E-08	2.12E-05	6.24E-05	1.89E-05	8.51E-03
4035	491363.09, 3854377.25	0.0114	0.0043	0.006	0.0068	0.0067	0.0065	0.0052	0.0043	1.55E-02	8.49E-04	4.03E-08	4.37E-05	1.36E-04	3.96E-05	1.65E-02	7.53E-03	8.49E-04	4.03E-08	2.13E-05	6.61E-05	1.93E-05	8.49E-03
4036	491863.09, 3854377.25	0.0111	0.0044	0.0059	0.0067	0.0074	0.0065	0.0052	0.0044	1.52E-02	8.59E-04	3.96E-08	4.29E-05	1.51E-04	3.98E-05	1.63E-02	7.38E-03	8.59E-04	3.96E-08	2.09E-05	7.36E-05	1.94E-05	8.36E-03
4037	492363.09, 3854377.25	0.0108	0.0043	0.0057	0.0065	0.0082	0.0064	0.0051	0.0043	1.47E-02	8.51E-04	3.86E-08	4.16E-05	1.68E-04	3.93E-05	1.58E-02	7.18E-03	8.51E-04	3.86E-08	2.03E-05	8.17E-05	1.91E-05	8.15E-03
4038	492863.09, 3854377.25	0.0105	0.0042	0.0055	0.0063	0.009	0.0063	0.0049	0.0042	1.43E-02	8.31E-04	3.72E-08	4.06E-05	1.84E-04	3.85E-05	1.54E-02	6.96E-03	8.31E-04	3.72E-08	1.98E-05	8.94E-05	1.87E-05	7.92E-03
4039	493363.09, 3854377.25	0.0102	0.0041	0.0053	0.0062	0.0096	0.0061	0.0047	0.0041	1.38E-02	8.06E-04	3.55E-08	3.96E-05	1.95E-04	3.74E-05	1.49E-02	6.73E-03	8.06E-04	3.55E-08	1.93E-05	9.49E-05	1.82E-05	7.66E-03
4040	493863.09, 3854377.25	0.0098	0.004	0.005	0.0058	0.0099	0.0059	0.0045	0.004	1.33E-02	7.80E-04	3.37E-08	3.74E-05	2.02E-04	3.62E-05	1.44E-02	6.49E-03	7.80E-04	3.37E-08	1.82E-05	9.85E-05	1.76E-05	7.41E-03
4041	494363.09, 3854377.25	0.0095	0.0038	0.0048	0.006	0.01	0.0057	0.0043	0.0038	1.29E-02	7.55E-04	3.26E-08	3.83E-05	2.04E-04	3.50E-05	1.39E-02	6.27E-03	7.55E-04	3.26E-08	1.87E-05	9.92E-05	1.70E-05	7.16E-03
4042	494863.09, 3854377.25	0.0087	0.0035	0.0044	0.0052	0.0092	0.0053	0.0039	0.0035	1.18E-02	6.90E-04	2.95E-08	3.34E-05	1.88E-04	3.21E-05	1.27E-02	5.73E-03	6.90E-04	2.95E-08	1.63E-05	9.17E-05	1.56E-05	6.55E-03
4043	495363.09, 3854377.25	0.0076	0.0031	0.0039	0.0046	0.0084	0.0048	0.0035	0.0031	1.03E-02	6.19E-04	2.65E-08	2.97E-05	1.72E-04	2.92E-05	1.11E-02	5.00E-03	6.19E-04	2.65E-08	1.45E-05	8.37E-05	1.42E-05	5.73E-03
4044	495863.09, 3854377.25	0.0068	0.0029	0.0036	0.0044	0.0079	0.0045	0.0032	0.0029	9.22E-03	5.73E-04	2.45E-08	2.80E-05	1.61E-04	2.75E-05	1.00E-02	4.49E-03	5.73E-04	2.45E-08	1.36E-05	7.83E-05	1.34E-05	5.17E-03
4045	496363.09, 3854377.25	0.0064	0.0028	0.0035	0.0042	0.0076	0.0043	0.003	0.0028	8.71E-03	5.50E-04	2.35E-08	2.73E-05	1.54E-04	2.65E-05	9.47E-03	4.24E-03	5.50E-04	2.35E-08	1.33E-05	7.51E-05	1.29E-05	4.89E-03
4046	496863.09, 3854377.25	0.0059	0.0027	0.0033	0.0041	0.0072	0.0041	0.0028	0.0027	8.03E-03	5.22E-04	2.22E-08	2.63E-05	1.47E-04	2.50E-05	8.75E-03	3.91E-03	5.22E-04	2.22E-08	1.28E-05	7.14E-05	1.22E-05	4.53E-03
4047	497363.09, 3854377.25	0.0052	0.0024	0.0031	0.0039	0.0067	0.0038	0.0025	0.0024	7.08E-03	4.77E-04	2.05E-08	2.48E-05	1.36E-04	2.30E-05	7.74E-03	3.45E-03	4.77E-04	2.05E-08	1.21E-05	6.63E-05	1.12E-05	4.01E-03
4048	497863.09, 3854377.25	0.0052	0.0024	0.003	0.0039	0.0067	0.0038	0.0026	0.0024	7.13E-03	4.81E-04	2.05E-08	2.53E-05	1.36E-04	2.32E-05	7.80E-03	3.47E-03	4.81E-04	2.05E-08	1.23E-05	6.62E-05	1.13E-05	4.04E-03
4049	498363.09, 3854377.25	0.0049	0.0023	0.0029	0.0038	0.0063	0.0036	0.0024	0.0023	6.60E-03	4.55E-04	1.93E-08	2.46E-05	1.29E-04	2.20E-05	7.23E-03	3.21E-03	4.55E-04	1.93E-08	1.20E-05	6.26E-05	1.07E-05	3.75E-03
4050	471363.09, 3854877.25	0.0018	0.0014	0.0008	0.0011	0.0014	0.0013	0.0014	0.0014	2.46E-03	2.84E-04	5.12E-09	7.14E-06	2.88E-05	7.77E-06	2.79E-03	1.20E-03	2.84E-04	5.12E-09	3.48E-06	1.40E-05	3.78E-06	1.50E-03
4051	471863.09, 3854877.25	0.0019	0.0015	0.0008	0.0012	0.0015	0.0013	0.0015	0.0015	2.57E-03	2.94E-04	5.32E-09	7.46E-06	3.00E-05	8.14E-06	2.91E-03	1.25E-03	2.94E-04	5.32E-09	3.63E-06	1.46E-05	3.96E-06	1.57E-03
4052	472363.09, 3854877.25	0.002	0.0015	0.0008	0.0012	0.0015	0.0014	0.0015	0.0015	2.68E-03	3.01E-04	5.52E-09	7.78E-06	3.08E-05	8.50E-06	3.03E-03	1.31E-03	3.01E-04	5.52E-09	3.79E-06	1.50E-05	4.14E-06	1.63E-03
4053	472863.09, 3854877.25	0.0021	0.0015	0.0009	0.0012	0.0016	0.0014	0.0015	0.0015	2.79E-03	3.03E-04	5.72E-09	7.98E-06	3.16E-05	8.81E-06	3.14E-03	1.36E-03	3.03E-04	5.72E-09	3.88E-06	1.54E-05	4.29E-06	1.69E-03
4054	473363.09, 3854877.25	0.0022	0.0016	0.0009	0.0013	0.0016	0.0015	0.0016	0.0016	2.94E-03	3.15E-04	5.99E-09	8.36E-06	3.30E-05	9.24E-06	3.31E-03	1.43E-03	3.15E-04	5.99E-09	4.07E-06	1.61E-05	4.50E-06	1.77E-03
4055	473863.09, 3854877.25	0.0023	0.0017	0.0009	0.0014	0.0017	0.0016	0.0017	0.0017	3.09E-03	3.27E-04	6.26E-09	8.75E-06	3.47E-05	9.67E-06	3.47E-03	1.50E-03	3.27E-04	6.26E-09	4.26E-06	1.69E-05	4.71E-06	1.86E-03
4056	474363.09, 3854877.25	0.0024	0.0017	0.001	0.0014	0.0018	0.0017	0.0017	0.0017	3.28E-03	3.43E-04	6.60E-09	9.26E-06	3.69E-05	1.02E-05	3.68E-03	1.60E-03	3.43E-04	6.60E-09	4.51E-06	1.80E-05	4.94E-06	1.97E-03
4057	474863.09, 3854877.25	0.0025	0.0016	0.001	0.0014	0.0018	0.0016	0.0016	0.0016	3.35E-03	3.19E-04	6.53E-09	9.13E-06	3.71E-05	9.91E-06	3.72E-03	1.63E-03	3.19E-04	6.53E-09	4.45E-06	1.81E-05	4.82E-06	1.98E-03
4058	475363.09, 3854877.25	0.0024	0.0015	0.001	0.0014	0.0018	0.0016	0.0015	0.0015	3.24E-03	2.96E-04	6.67E-09	8.94E-06	3.65E-05	9.85E-06	3.59E-03	1.58E-03	2.96E-04	6.67E-09	4.35E-06	1.78E-05	4.79E-06	1.90E-03
4059	475863.09, 3854877.25	0.0023	0.0014	0.001	0.0014	0.0018	0.0016	0.0014	0.0014	3.10E-03	2.78E-04	6.80E-09	8.81E-06	3.75E-05	9.79E-06	3.44E-03	1.51E-03	2.78E-04	6.80E-09	4.29E-06	1.83E-05	4.77E-06	1.82E-03
4060	476363.09, 3854877.25	0.0021	0.0013	0.001	0.0013	0.0019	0.0016	0.0013	0.0013	2.85E-03	2.56E-04	6.87E-09	8.49E-06	3.83E-05	9.61E-06	3.16E-03	1.39E-03	2.56E-04	6.87E-09	4.13E-06	1.87E-05	4.68E-06	1.67E-03
4061	476863.09, 3854877.25	0.0022	0.0013	0.0011	0.0014	0.002	0.0016	0.0013	0.0013	2.97E-03	2.60E-04	7.14E-09	8.81E-06	4.14E-05	9.97E-06	3.29E-03	1.44E-03	2.60E-04	7.14E-09	4.29E-06	2.02E-05	4.85E-06	1.73E-03
4062	477363.09, 3854877.25	0.0024	0.0014	0.0012	0.0015	0.0022	0.0017	0.0014	0.0014	3.27E-03	2.84E-04	7.81E-09	9.39E-06	4.55E-05	1.06E-05	3.62E-03	1.59E-03	2.84E-04	7.81E-09	4.57E-06	2.21E-05	5.18E-06	1.91E-03
4063	477863.09, 3854877.25	0.0026	0.0016	0.0013	0.0016	0.0024	0.0019	0.0015	0.0016	3.53E-03	3.07E-04	8.42E-09	1.00E-05	4.92E-05	1.14E-05	3.90E-03	1.72E-03	3.07E-04	8.42E-09	4.88E-06	2.39E-05	5.54E-06	2.06E-03
4064	478363.09, 3854877.25	0.003	0.0018	0.0014	0.0017	0.0026	0.0021	0.0017	0.0018	4.10E-03	3.47E-04	9.49E-09	1.09E-05	5.34E-05	1.26E-05	4.52E-03	1.99E-03	3.47E-04	9.49E-09	5.32E-06	2.60E-05	6.14E-06	2.38E-03
4065	478863.09, 3854877.25	0.0036	0.002	0.0016	0.0019	0.0029	0.0023	0.002	0.002	4.83E-03	3.98E-04	1.08E-08	1.24E-05	6.00E-05	1.42E-05	5.32E-03	2.35E-03	3.98E-04	1.08E-08	6.01E-06	2.92E-05	6.91E-06	2.79E-03
4066	479363.09, 3854877.25	0.0044	0.0023	0.0018	0.0023	0.0033	0.0027	0.0023	0.0023	5.96E-03	4.51E-04	1.23E-08	1.45E-05	6.67E-05	1.62E-05	6.51E-03	2.90E-03	4.51E-04	1.23E-08	7.04E-06	3.25E-05	7.89E-06	3.40E-03
4067	479863.09, 3854877.25	0.0053	0.0026	0.0021	0.0027	0.0036	0.0031	0.0026	0.0026	7.17E-03	5.12E-04	1.42E-08	1.72E-05	7.26E-05	1.87E-05	7.80E-03	3.49E-03	5.12E-04	1.42E-08	8.36E-06	3.53E-05	9.08E-06	4.06E-03
4068	480363.09, 3854877.25	0.0062	0.0029	0.0024	0.0031	0.0037	0.0035	0.003	0.0029	8.45E-03	5.71E-04	1.63E-08	1.99E-05	7.46E-05	2.17E-05	9.14E-03	4.12E-03	5.71E-04	1.63E-08	9.67E-06	3.63E-05	1.05E-05	4.74E-03
4069	480863.09, 3854877.25	0.0075	0.0036	0.003	0.0038	0.0039	0.0045	0.0036	0.0036	1.02E-02	7.03E-04	2.02E-08	2.41E-05	7.97E-05	2.75E-05	1.10E-02	4.96E-03	7.03E-04	2.02E-08	1.17E-05	3.88E-05	1.34E-05	5.72E-03
4070	481363.09, 3854877.25	0.0092	0.0044	0.0041	0.0045	0.0042	0.0058	0.0043	0.0044	1.25E-02	8.67E-04	2.77E-08	2.86E-05	8.65E-05	3.52E-05	1.35E-02	6.06E-03	8.67E-04	2.77E-08	1.39E-05	4.21E-05	1.71E-05	7.00E-03
4071	481863.09, 3854877.25	0.0126	0.005	0.0058	0.0053	0.0046	0.0072	0.0047	0.005	1.71E-02	9.93E-04	3.88E-08	3.39E-05	9.30E-05	4.41E-05	1.83E-02	8.34E-03	9.93E-04	3.88E-08	1.65E-05	4.53E-05	2.15E-05	9.41E-03
4072	482363.09, 3854877.25	0.0188	0.01	0.0141	0.0067	0.0047	0.0171	0.0062	0.01	2.56E-02	1.97E-03	9.47E-08	4.29E-05	9.63E-05	1.05E-04	2.79E-02	1.25E-02	1.97E-03	9.47E-08	2.09E-05	4.69E-05	5.09E-05	1.46E-02
4073	482863.09, 3854877.25	0.0833	0.0242	0.0664	0.0092	0.0049	0.0584	0.0078	0.0242	1.13E-01	4.77E-03	4.47E-07	5.89E-05	9.99E-05	3.58E-04	1.19E-01	5.52E-02	4.77E-03	4.47E-07	2.87E-05	4.86E-05	1.74E-04	6.02E-02
4074	483363.09, 3854877.25	0.1151	0.1166	1.365	0.0136	0.0052	0.0759	0.011	0.1166	1.57E-01	2.30E-02	9.19E-06	8.74E-05	1.07E-04	4.64E-04	1.80E-01	7.63E-02	2.30E-02	9.19E-06	4.26E-05	5.19E-05	2.26E-04	9.96E-02
4075	483863.09, 3854877.25	0.1291	0.0287	0.1918	0.0266	0.0057	0.0378	0.0211	0.0287	1.76E-01	5.65E-03	1.29E-06	1.71E-04	1.17E-04	2.31E-04	1.82E-01	8.55E-02	5.65E-03	1.29E-06	8.34E-05	5.68E-05	1.13E-04	9.14E-02
4076	484363.09, 3854877.25	0.1353	0.0155	0.0618	0.1104	0.0057	0.1193	0.1283	0.0155	1.84E-01	3.05E-03	4.16E-07	7.10E-04	1.17E-04	7.30E-04	1.89E-01	8.97E-02	3.05E-03	4.16E-07	3.46E-04	5.69E-05	3.55E-04	9.35E-02
4077	484863.09, 3854877.25	0.071	0.0116	0.033	0.1931	0.0059	0.0864	0.0822	0.0116	9.67E-02	2.28E-03	2.22E-07	1.24E-03	1.21E-04	5.29E-04	1.01E-01	4.71E-02	2.28E-03	2.22E-07	6.04E-04	5.88E-05	2.57E-04	5.03E-02
4078	485363.09, 3854877.25	0.0458	0.0094	0.0217	0.0579	0.006	0.036	0.0314	0.0094	6.23E-02	1.85E-03	1.46E-07	3.72E-04	1.23E-04	2.20E-04	6.49E-02	3.03E-02	1.85E-03	1.46E-07	1.81E-04	5.98E-05	1.07E-04	3.25E-02
4079	485863.09, 3854877.25	0.0352	0.008	0.0167	0.0329	0.0062	0.023	0.0192	0.008	4.79E-02	1.58E-03	1.12E-07	2.12E-04	1.25E-04	1.41E-04	4.99E-02	2.33E-02	1.58E-03	1.12E-07	1.03E-04	6.11E-05	6.84E-05	2.51E-02
4080	486363.09, 3854877.25	0.0288	0.007	0.0138	0.0229	0.0062	0.0172	0.0139	0.007	3.92E-02	1.38E-03	9.30E-08	1.47E-04	1.26E-04	1.05E-04	4.09E-02	1.91E-02	1.38E-03	9.30E-08	7.17E-05	6.14E-05	5.11E-05	2.06E-02
4081	486863.09, 3854877.25	0.0247	0.0063	0.0121	0.0179	0.0072	0.0141	0.0111	0.0063	3.37E-02	1.25E-03	8.11E-08	1.15E-04	1.47E-04	8.60E-05	3.53E-02	1.64E-02	1.25E-03	8.11E-08	5.59E-05	7.16E-05	4.18E-05	1.78E-02
4082	487363.09, 3854877.25	0.0223	0.006	0.0113	0.0156	0.008	0.0126	0.0098	0.006	3.04E-02	1.17E-03	7.59E-08	1.00E-04	1.62E-04	7.72E-05	3.19E-02	1.48E-02	1.17E-03	7.59E-08	4.88E-05	7.89E-05	3.76E-05	1.61E-02
4083	487863.09, 3854877.25	0.0204	0.0057	0.0108	0.0139	0.0059	0.0115	0.0088	0.0057	2.77E-02	1.12E-03	7.29E-08	8.97E-05	1.21E-04	7.05E-05	2.91E-02	1.35E-02	1.12E-03	7.29E-08	4.36E-05	5.89E-05	3.43E-05	1.47E-02
4084	488363.09, 3854877.25	0.0188	0.0056	0.0103	0.0127	0.0062	0.0107	0.0082	0.0056	2.56E-02	1.11E-03	6.94E-08	8.18E-05	1.26E-04	6.56E-05	2.69E-02	1.24E-02	1.11E-03	6.94E-08	3.98E-05	6.14E-05	3.19E-05	1.37E-02
4085	488863.09, 3854877.25	0.0176	0.0056	0.0097	0.0118	0.0072	0.0102	0.0078	0.0056	2.40E-02	1.10E-03	6.55E-08	7.56E-05	1.48E-04	6.22E-05	2.54E-02	1.17E-02	1.10E-03	6.55E-08	3.68E-05	7.19E-05	3.03E-05	1.29E-02
4086	489363.09, 3854877.25	0.0165	0.0055	0.0091	0.0109	0.0082	0.0096	0.0073	0.0055	2.25E-02	1.08E-03	6.10E-08	6.99E-05	1.67E-04	5.87E-05	2.39E-02	1.10E-02	1.08E-03	6.10E-08	3.40E-05	8.14E-05	2.86E-05	1.22E-02
4087	489863.09, 3854877.25	0.0155	0.0052	0.0083	0.0099	0.0091	0.0089	0.0068	0.0052	2.11E-02	1.02E-03	5.58E-08	6.38E-05	1.85E-04	5.43E-05	2.24E-02	1.03E-02	1.02E-03	5.58E-08	3.11E-05	8.98E-05	2.64E-05	1.15E-02
4088	490363.09, 3854877.25	0.014	0.0045	0.0068	0.0083	0.0084	0.0075	0.0057	0.0045	1.91E-02	8.87E-04	4.59E-08	5.33E-05	1.71E-04	4.61E-05	2.03E-02	9.30E-03	8.87E-04	4.59E-08	2.60E-05	8.34E-05	2.25E-05	1.03E-02

4089	490863.09, 3854877.25	0.0114	0.0039	0.0057	0.0067	0.0077	0.0063	0.0046	0.0039	1.55E-02	7.60E-04	3.82E-08	4.28E-05	1.57E-04	3.87E-05	1.65E-02	7.57E-03	7.60E-04	3.82E-08	2.09E-05	7.66E-05	1.89E-05	8.44E-03
4090	491363.09, 3854877.25	0.0117	0.004	0.0056	0.0068	0.0086	0.0064	0.0047	0.004	1.59E-02	7.78E-04	3.74E-08	4.34E-05	1.75E-04	3.93E-05	1.70E-02	7.75E-03	7.78E-04	3.74E-08	2.11E-05	8.50E-05	1.91E-05	8.66E-03
4091	491863.09, 3854877.25	0.0128	0.0046	0.0065	0.0079	0.0119	0.0076	0.0055	0.0046	1.74E-02	9.10E-04	4.35E-08	5.06E-05	2.44E-04	4.62E-05	1.86E-02	8.45E-03	9.10E-04	4.35E-08	2.46E-05	1.19E-04	2.25E-05	9.53E-03
4092	492363.09, 3854877.25	0.0123	0.0046	0.0064	0.0076	0.0135	0.0075	0.0054	0.0046	1.67E-02	9.04E-04	4.30E-08	4.90E-05	2.74E-04	4.56E-05	1.80E-02	8.14E-03	9.04E-04	4.30E-08	2.39E-05	1.34E-04	2.22E-05	9.23E-03
4093	492863.09, 3854877.25	0.0118	0.0044	0.006	0.0076	0.0139	0.0072	0.0052	0.0044	1.61E-02	8.75E-04	4.06E-08	4.89E-05	2.84E-04	4.43E-05	1.73E-02	7.83E-03	8.75E-04	4.06E-08	2.38E-05	1.38E-04	2.16E-05	8.88E-03
4094	493363.09, 3854877.25	0.0113	0.0043	0.0057	0.0069	0.0139	0.007	0.0049	0.0043	1.54E-02	8.37E-04	3.81E-08	4.44E-05	2.83E-04	4.26E-05	1.66E-02	7.50E-03	8.37E-04	3.81E-08	2.16E-05	1.38E-04	2.08E-05	8.52E-03
4095	493863.09, 3854877.25	0.0109	0.0041	0.0055	0.0071	0.0136	0.0067	0.0047	0.0041	1.48E-02	8.08E-04	3.70E-08	4.57E-05	2.78E-04	4.11E-05	1.60E-02	7.21E-03	8.08E-04	3.70E-08	2.23E-05	1.35E-04	2.00E-05	8.20E-03
4096	494363.09, 3854877.25	0.0098	0.0036	0.0048	0.006	0.0117	0.0059	0.0041	0.0036	1.34E-02	7.15E-04	3.23E-08	3.85E-05	2.38E-04	3.63E-05	1.44E-02	6.50E-03	7.15E-04	3.23E-08	1.88E-05	1.16E-04	1.77E-05	7.37E-03
4097	494863.09, 3854877.25	0.0081	0.0032	0.0042	0.0051	0.0101	0.0052	0.0035	0.0032	1.10E-02	6.24E-04	2.81E-08	3.29E-05	2.06E-04	3.20E-05	1.19E-02	5.37E-03	6.24E-04	2.81E-08	1.60E-05	1.00E-04	1.56E-05	6.13E-03
4098	495363.09, 3854877.25	0.007	0.0029	0.0038	0.0047	0.0092	0.0048	0.0031	0.0029	9.57E-03	5.67E-04	2.55E-08	3.05E-05	1.87E-04	2.94E-05	1.04E-02	4.66E-03	5.67E-04	2.55E-08	1.48E-05	9.11E-05	1.43E-05	5.35E-03
4099	495863.09, 3854877.25	0.0064	0.0027	0.0036	0.0046	0.0086	0.0045	0.0029	0.0027	8.74E-03	5.36E-04	2.39E-08	2.93E-05	1.76E-04	2.78E-05	9.51E-03	4.25E-03	5.36E-04	2.39E-08	1.43E-05	8.56E-05	1.35E-05	4.90E-03
4100	496363.09, 3854877.25	0.0057	0.0025	0.0033	0.0043	0.008	0.0042	0.0026	0.0025	7.75E-03	4.93E-04	2.21E-08	2.79E-05	1.63E-04	2.56E-05	8.46E-03	3.77E-03	4.93E-04	2.21E-08	1.36E-05	7.92E-05	1.24E-05	4.37E-03
4101	496863.09, 3854877.25	0.0053	0.0024	0.0031	0.0042	0.0075	0.0039	0.0025	0.0024	7.16E-03	4.65E-04	2.08E-08	2.70E-05	1.52E-04	2.40E-05	7.83E-03	3.49E-03	4.65E-04	2.08E-08	1.31E-05	7.41E-05	1.17E-05	4.05E-03
4102	497363.09, 3854877.25	0.0051	0.0023	0.003	0.0042	0.0071	0.0039	0.0024	0.0023	6.94E-03	4.57E-04	2.03E-08	2.68E-05	1.46E-04	2.36E-05	7.60E-03	3.38E-03	4.57E-04	2.03E-08	1.31E-05	7.09E-05	1.15E-05	3.93E-03
4103	497863.09, 3854877.25	0.0053	0.0024	0.0031	0.0043	0.0072	0.004	0.0025	0.0024	7.15E-03	4.73E-04	2.09E-08	2.77E-05	1.48E-04	2.42E-05	7.82E-03	3.48E-03	4.73E-04	2.09E-08	1.35E-05	7.19E-05	1.18E-05	4.05E-03
4104	498363.09, 3854877.25	0.0051	0.0024	0.003	0.0043	0.007	0.0039	0.0024	0.0024	6.98E-03	4.67E-04	2.05E-08	2.74E-05	1.43E-04	2.39E-05	7.65E-03	3.40E-03	4.67E-04	2.05E-08	1.33E-05	6.96E-05	1.16E-05	3.96E-03
4105	471363.09, 3855377.25	0.0018	0.0014	0.0007	0.0011	0.0014	0.0012	0.0014	0.0014	2.40E-03	2.78E-04	4.92E-09	6.95E-06	2.92E-05	7.53E-06	2.72E-03	1.17E-03	2.78E-04	4.92E-09	3.38E-06	1.42E-05	3.66E-06	1.47E-03
4106	471863.09, 3855377.25	0.0018	0.0014	0.0008	0.0011	0.0015	0.0013	0.0015	0.0014	2.51E-03	2.84E-04	5.12E-09	7.27E-06	3.04E-05	7.83E-06	2.83E-03	1.22E-03	2.84E-04	5.12E-09	3.54E-06	1.48E-05	3.81E-06	1.53E-03
4107	472363.09, 3855377.25	0.0019	0.0015	0.0008	0.0012	0.0016	0.0014	0.0015	0.0015	2.64E-03	2.94E-04	5.39E-09	7.59E-06	3.20E-05	8.26E-06	2.98E-03	1.29E-03	2.94E-04	5.39E-09	3.69E-06	1.56E-05	4.02E-06	1.60E-03
4108	472863.09, 3855377.25	0.002	0.0015	0.0008	0.0012	0.0016	0.0014	0.0015	0.0015	2.75E-03	2.97E-04	5.59E-09	7.98E-06	3.30E-05	8.69E-06	3.10E-03	1.34E-03	2.97E-04	5.59E-09	3.88E-06	1.61E-05	4.23E-06	1.66E-03
4109	473363.09, 3855377.25	0.0021	0.0016	0.0009	0.0013	0.0017	0.0015	0.0016	0.0016	2.90E-03	3.11E-04	5.93E-09	8.43E-06	3.49E-05	9.24E-06	3.26E-03	1.41E-03	3.11E-04	5.93E-09	4.10E-06	1.70E-05	4.50E-06	1.75E-03
4110	473863.09, 3855377.25	0.0022	0.0016	0.0009	0.0014	0.0018	0.0016	0.0017	0.0016	3.05E-03	3.23E-04	6.33E-09	8.94E-06	3.65E-05	9.79E-06	3.43E-03	1.48E-03	3.23E-04	6.33E-09	4.35E-06	1.78E-05	4.77E-06	1.83E-03
4111	474363.09, 3855377.25	0.0024	0.0017	0.001	0.0015	0.0019	0.0017	0.0017	0.0017	3.23E-03	3.33E-04	6.53E-09	9.39E-06	3.81E-05	1.03E-05	3.62E-03	1.57E-03	3.33E-04	6.53E-09	4.57E-06	1.86E-05	5.00E-06	1.93E-03
4112	474863.09, 3855377.25	0.0024	0.0016	0.001	0.0014	0.0018	0.0017	0.0016	0.0016	3.31E-03	3.11E-04	6.53E-09	9.20E-06	3.69E-05	1.02E-05	3.68E-03	1.61E-03	3.11E-04	6.53E-09	4.48E-06	1.80E-05	4.94E-06	1.95E-03
4113	475363.09, 3855377.25	0.002	0.0013	0.0009	0.0013	0.0015	0.0015	0.0013	0.0013	2.74E-03	2.52E-04	6.26E-09	8.17E-06	3.14E-05	9.30E-06	3.04E-03	1.33E-03	2.52E-04	6.26E-09	3.98E-06	1.53E-05	4.53E-06	1.61E-03
4114	475863.09, 3855377.25	0.0019	0.0012	0.001	0.0012	0.0016	0.0015	0.0012	0.0012	2.64E-03	2.42E-04	6.40E-09	7.98E-06	3.16E-05	9.30E-06	2.93E-03	1.29E-03	2.42E-04	6.40E-09	3.88E-06	1.54E-05	4.53E-06	1.55E-03
4115	476363.09, 3855377.25	0.0021	0.0013	0.001	0.0013	0.0017	0.0016	0.0013	0.0013	2.86E-03	2.58E-04	6.80E-09	8.56E-06	3.43E-05	9.85E-06	3.17E-03	1.39E-03	2.58E-04	6.80E-09	4.16E-06	1.67E-05	4.79E-06	1.68E-03
4116	476863.09, 3855377.25	0.0022	0.0013	0.0011	0.0014	0.0018	0.0017	0.0013	0.0013	3.00E-03	2.64E-04	7.14E-09	8.81E-06	3.65E-05	1.02E-05	3.31E-03	1.46E-03	2.64E-04	7.14E-09	4.29E-06	1.78E-05	4.97E-06	1.75E-03
4117	477363.09, 3855377.25	0.0024	0.0014	0.0011	0.0015	0.0019	0.0018	0.0014	0.0014	3.21E-03	2.78E-04	7.54E-09	9.39E-06	3.94E-05	1.08E-05	3.55E-03	1.56E-03	2.78E-04	7.54E-09	4.57E-06	1.92E-05	5.24E-06	1.87E-03
4118	477863.09, 3855377.25	0.0027	0.0016	0.0012	0.0016	0.0021	0.0019	0.0015	0.0016	3.65E-03	3.07E-04	8.15E-09	1.02E-05	4.32E-05	1.17E-05	4.02E-03	1.78E-03	3.07E-04	8.15E-09	4.98E-06	2.10E-05	5.72E-06	2.12E-03
4119	478363.09, 3855377.25	0.0031	0.0017	0.0014	0.0018	0.0024	0.0021	0.0017	0.0017	4.23E-03	3.41E-04	9.09E-09	1.13E-05	4.81E-05	1.28E-05	4.65E-03	2.06E-03	3.41E-04	9.09E-09	5.51E-06	2.34E-05	6.25E-06	2.44E-03
4120	478863.09, 3855377.25	0.0036	0.0019	0.0015	0.002	0.0027	0.0023	0.0019	0.0019	4.89E-03	3.78E-04	9.97E-09	1.26E-05	5.45E-05	1.42E-05	5.35E-03	2.38E-03	3.78E-04	9.97E-09	6.14E-06	2.65E-05	6.91E-06	2.80E-03
4121	479363.09, 3855377.25	0.0044	0.0021	0.0017	0.0023	0.0032	0.0026	0.0021	0.0021	5.95E-03	4.22E-04	1.13E-08	1.46E-05	6.51E-05	1.62E-05	6.47E-03	2.90E-03	4.22E-04	1.13E-08	7.11E-06	3.17E-05	7.86E-06	3.36E-03
4122	479863.09, 3855377.25	0.0052	0.0024	0.002	0.0026	0.0037	0.003	0.0024	0.0024	7.11E-03	4.71E-04	1.32E-08	1.69E-05	7.44E-05	1.86E-05	7.69E-03	3.46E-03	4.71E-04	1.32E-08	8.23E-06	3.62E-05	9.05E-06	3.98E-03
4123	480363.09, 3855377.25	0.0065	0.0028	0.0025	0.0032	0.0045	0.0037	0.0029	0.0028	8.81E-03	5.50E-04	1.68E-08	2.08E-05	9.14E-05	2.25E-05	9.49E-03	4.29E-03	5.50E-04	1.68E-08	1.01E-05	4.45E-05	1.09E-05	4.90E-03
4124	480863.09, 3855377.25	0.0078	0.0034	0.0036	0.0039	0.0049	0.0046	0.0035	0.0034	1.06E-02	6.78E-04	2.39E-08	2.49E-05	1.00E-04	2.81E-05	1.14E-02	5.15E-03	6.78E-04	2.39E-08	1.21E-05	4.88E-05	1.37E-05	5.90E-03
4125	481363.09, 3855377.25	0.0091	0.0044	0.0052	0.0045	0.0052	0.006	0.004	0.0044	1.24E-02	8.69E-04	3.47E-08	2.91E-05	1.06E-04	3.68E-05	1.34E-02	6.04E-03	8.69E-04	3.47E-08	1.42E-05	5.18E-05	1.79E-05	6.99E-03
4126	481863.09, 3855377.25	0.0118	0.0056	0.0072	0.0051	0.0053	0.008	0.0045	0.0056	1.61E-02	1.11E-03	4.81E-08	3.27E-05	1.09E-04	4.86E-05	1.74E-02	7.84E-03	1.11E-03	4.81E-08	1.59E-05	5.30E-05	2.37E-05	9.04E-03
4127	482363.09, 3855377.25	0.0188	0.0074	0.0106	0.0059	0.0055	0.0108	0.0049	0.0074	2.56E-02	1.46E-03	7.12E-08	3.77E-05	1.12E-04	6.61E-05	2.73E-02	1.25E-02	1.46E-03	7.12E-08	1.83E-05	5.46E-05	3.22E-05	1.40E-02
4128	482863.09, 3855377.25	0.0824	0.011	0.0181	0.0071	0.0059	0.0169	0.0057	0.011	1.12E-01	2.16E-03	1.22E-07	4.54E-05	1.21E-04	1.03E-04	1.15E-01	5.46E-02	2.16E-03	1.22E-07	2.21E-05	5.89E-05	5.02E-05	5.69E-02
4129	483363.09, 3855377.25	0.1153	0.0244	0.0231	0.0088	0.0064	0.1261	0.0068	0.0244	1.57E-01	4.80E-03	1.56E-07	5.64E-05	1.31E-04	7.71E-04	1.63E-01	7.64E-02	4.80E-03	1.56E-07	2.75E-05	6.35E-05	3.75E-04	8.17E-02
4130	483863.09, 3855377.25	0.1289	0.1579	0.0255	0.0116	0.0069	0.0466	0.009	0.1579	1.75E-01	3.11E-02	1.71E-07	7.47E-05	1.41E-04	2.85E-04	2.07E-01	8.54E-02	3.11E-02	1.71E-07	3.64E-05	6.86E-05	1.39E-04	1.17E-01
4131	484363.09, 3855377.25	0.1384	0.0315	0.0287	0.0184	0.0077	0.0281	0.0137	0.0315	1.88E-01	6.20E-03	1.93E-07	1.18E-04	1.58E-04	1.72E-04	1.95E-01	9.17E-02	6.20E-03	1.93E-07	5.75E-05	7.67E-05	8.38E-05	9.81E-02
4132	484863.09, 3855377.25	0.1402	0.0189	0.0225	0.0413	0.0085	0.04	0.0375	0.0189	1.91E-01	3.73E-03	1.52E-07	2.66E-04	1.73E-04	2.45E-04	1.95E-01	9.29E-02	3.73E-03	1.52E-07	1.29E-04	8.42E-05	1.19E-04	9.70E-02
4133	485363.09, 3855377.25	0.0865	0.0135	0.0219	0.3261	0.0089	0.1173	0.0867	0.0135	1.18E-01	2.67E-03	1.47E-07	2.10E-03	1.82E-04	7.17E-04	1.23E-01	5.73E-02	2.67E-03	1.47E-07	1.02E-03	8.86E-05	3.49E-04	6.14E-02
4134	485863.09, 3855377.25	0.0536	0.0108	0.0205	0.0661	0.0097	0.0397	0.0316	0.0108	7.30E-02	2.12E-03	1.38E-07	4.25E-04	1.98E-04	2.43E-04	7.59E-02	3.55E-02	2.12E-03	1.38E-07	2.07E-04	9.62E-05	1.18E-04	3.81E-02
4135	486363.09, 3855377.25	0.0419	0.0089	0.0184	0.0366	0.0101	0.0251	0.0196	0.0089	5.70E-02	1.75E-03	1.24E-07	2.36E-04	2.05E-04	1.54E-04	5.94E-02	2.77E-02	1.75E-03	1.24E-07	1.15E-04	1.00E-04	7.48E-05	2.98E-02
4136	486863.09, 3855377.25	0.0345	0.0077	0.016	0.0254	0.0111	0.0188	0.0144	0.0077	4.69E-02	1.52E-03	1.07E-07	1.64E-04	2.26E-04	1.15E-04	4.89E-02	2.28E-02	1.52E-03	1.07E-07	7.97E-05	1.10E-04	5.60E-05	2.46E-02
4137	487363.09, 3855377.25	0.0296	0.0073	0.0146	0.0211	0.0129	0.0164	0.0123	0.0073	4.03E-02	1.43E-03	9.83E-08	1.36E-04	2.63E-04	1.00E-04	4.22E-02	1.96E-02	1.43E-03	9.83E-08	6.62E-05	1.28E-04	4.87E-05	2.13E-02
4138	487863.09, 3855377.25	0.0259	0.0069	0.0135	0.0182	0.01	0.0146	0.0107	0.0069	3.53E-02	1.35E-03	9.07E-08	1.17E-04	2.03E-04	8.91E-05	3.70E-02	1.72E-02	1.35E-03	9.07E-08	5.70E-05	9.88E-05	4.34E-05	1.87E-02
4139	488363.09, 3855377.25	0.0231	0.0065	0.0124	0.0162	0.0103	0.0133	0.0096	0.0065	3.14E-02	1.28E-03	8.36E-08	1.04E-04	2.09E-04	8.12E-05	3.31E-02	1.53E-02	1.28E-03	8.36E-08	5.06E-05	1.02E-04	3.95E-05	1.68E-02
4140	488863.09, 3855377.25	0.021	0.0062	0.0115	0.0145	0.0128	0.0123	0.0087	0.0062	2.85E-02	1.23E-03	7.76E-08	9.33E-05	2.61E-04	7.54E-05	3.02E-02	1.39E-02	1.23E-03	7.76E-08	4.54E-05	1.27E-04	3.67E-05	1.53E-02
4141	489363.09, 3855377.25	0.0193	0.006	0.0104	0.0132	0.0145	0.0115	0.008	0.006	2.63E-02	1.18E-03	6.99E-08	8.48E-05	2.97E-04	7.02E-05	2.79E-02	1.28E-02	1.18E-03	6.99E-08	4.13E-05	1.44E-04	3.42E-05	1.42E-02
4142	489863.09, 3855377.25	0.0181	0.0057	0.0096	0.012	0.016	0.0106	0.0074	0.0057	2.46E-02	1.12E-03	6.45E-08	7.74E-05	3.26E-04	6.50E-05	2.62E-02	1.20E-02	1.12E-03	6.45E-08	3.77E-05	1.59E-04	3.16E-05	1.33E-02
4143	490363.09, 3855377.25	0.0169	0.0056	0.0087	0.0114	0.0172	0.0102	0.007	0.0056	2.30E-02	1.10E-03	5.87E-08	7.32E-05	3.51E-04	6.26E-05	2.46E-02	1.12E-02	1.10E-03	5.87E-08	3.56E-05	1.71E-04	3.05E-05	1.26E-02
4144	490863.09, 3855377.25	0.015	0.0045	0.0066	0.0089	0.0139	0.008	0.0056	0.0045	2.04E-02	8.79E-04	4.46E-08	5.71E-05	2.83E-04	4.92E-05	2.17E-02	9.93E-03	8.79E-04	4.46E-08	2.78E-05	1.38E-04	2.39E-05	1.10E-02
4145	491363.09, 3855377.25	0.0134	0.0041	0.0061	0.0079	0.0144	0.0073	0.005	0.0041	1.82E-02	8.16E-04	4.08E-08	5.06E-05	2.94E-04	4.49E-05	1.94E-02	8.87E-03	8.16E-04	4.08E-08	2.46E-05	1.43E-04	2.19E-05	9.88E-03
4146	491863.09, 3855377.25	0.0143	0.0049	0.007	0.0093	0.0202	0.0087	0.0059	0.0049	1.95E-02	9.69E-04	4.74E-08	5.98E-05	4.12E-04	5.34E-05	2.10E-02	9.50E-03	9.69E-04	4.74E-08	2.91E-05	2.00E-04	2.60E-05	1.07E-02
4147	492363.09, 3855377.25	0.0137	0.0049	0.0067	0.0091	0.0205	0.0086	0.0057	0.0049	1.86E-02	9.55E-04	4.53E-08	5.82E-05	4.17E-04	5.26E-05	2.01E-02	9.07E-03	9.55E-04	4.53E-08	2.83E-05	2.03E-04	2.56E-05	1.03E-02
4148	492863.09, 3855377.25	0.013	0.0047	0.0064	0.0085	0.0199	0.0083	0.0054	0.0047	1.78E-02	9.16E-04	4.28E-08	5.49E-05	4.05E-04	5.05E-05	1.92E-02	8.64E-03	9.16E-04	4.28E-08	2.67E-05	1.97E-04	2.46E-05	9.81E-03
4149	493363.09, 3855377.25	0.0123	0.0043	0.006	0.0084	0.0183	0.0077	0.005	0.0043	1.68E-02	8.51E-04	4.03E-08	5.38E-05	3.72E-04	4.72E-05	1.81E-02	8.18E-03	8.51E-04	4.03E-08	2.62E-05	1.81E-04	2.30E-05	9.26E-03
4150	493863.09, 3855377.25	0.0111	0.0038	0.0052	0.0071	0.0155	0.0068	0.0044	0.0038	1.52E-02	7.56E-04	3.52E-08	4.57E-05	3.16E-04	4.18E-05	1.63E-02	7.38E-03	7.56E-04	3.52E-08	2.23E-05	1.54E-04	2.03E-05	8.34E-03

4151	494363.09, 3855377.25	0.0092	0.0034	0.0045	0.0061	0.0131	0.006	0.0037	0.0034	1.26E-02	6.62E-04	3.04E-08	3.94E-05	2.67E-04	3.65E-05	1.36E-02	6.12E-03	6.62E-04	3.04E-08	1.92E-05	1.30E-04	1.78E-05	6.95E-03
4152	494863.09, 3855377.25	0.0076	0.003	0.004	0.0055	0.0112	0.0053	0.0032	0.003	1.03E-02	5.81E-04	2.67E-08	3.51E-05	2.28E-04	3.22E-05	1.12E-02	5.00E-03	5.81E-04	2.67E-08	1.71E-05	1.11E-04	1.57E-05	5.73E-03
4153	495363.09, 3855377.25	0.0065	0.0027	0.0036	0.0051	0.0099	0.0048	0.0028	0.0027	8.78E-03	5.26E-04	2.43E-08	3.28E-05	2.03E-04	2.91E-05	9.57E-03	4.27E-03	5.26E-04	2.43E-08	1.60E-05	9.86E-05	1.42E-05	4.93E-03
4154	495863.09, 3855377.25	0.0058	0.0025	0.0034	0.0049	0.009	0.0044	0.0026	0.0025	7.87E-03	4.87E-04	2.26E-08	3.12E-05	1.84E-04	2.70E-05	8.60E-03	3.83E-03	4.87E-04	2.26E-08	1.52E-05	8.95E-05	1.32E-05	4.43E-03
4155	496363.09, 3855377.25	0.0056	0.0024	0.0033	0.0048	0.0086	0.0043	0.0025	0.0024	7.60E-03	4.79E-04	2.20E-08	3.09E-05	1.75E-04	2.64E-05	8.31E-03	3.70E-03	4.79E-04	2.20E-08	1.51E-05	8.51E-05	1.29E-05	4.29E-03
4156	496863.09, 3855377.25	0.0054	0.0024	0.0032	0.0047	0.0082	0.0042	0.0025	0.0024	7.38E-03	4.71E-04	2.17E-08	3.05E-05	1.66E-04	2.58E-05	8.07E-03	3.59E-03	4.71E-04	2.17E-08	1.48E-05	8.09E-05	1.26E-05	4.17E-03
4157	497363.09, 3855377.25	0.0054	0.0024	0.0032	0.0047	0.0079	0.0042	0.0025	0.0024	7.30E-03	4.71E-04	2.15E-08	3.05E-05	1.62E-04	2.57E-05	7.99E-03	3.55E-03	4.71E-04	2.15E-08	1.48E-05	7.88E-05	1.25E-05	4.13E-03
4158	497863.09, 3855377.25	0.0054	0.0024	0.0032	0.0048	0.0078	0.0043	0.0025	0.0024	7.37E-03	4.81E-04	2.18E-08	3.07E-05	1.59E-04	2.60E-05	8.06E-03	3.59E-03	4.81E-04	2.18E-08	1.50E-05	7.73E-05	1.27E-05	4.17E-03
4159	498363.09, 3855377.25	0.0055	0.0025	0.0033	0.0049	0.0077	0.0044	0.0026	0.0025	7.50E-03	4.91E-04	2.20E-08	3.12E-05	1.57E-04	2.66E-05	8.21E-03	3.65E-03	4.91E-04	2.20E-08	1.52E-05	7.64E-05	1.30E-05	4.25E-03
4160	471363.09, 3855877.25	0.0017	0.0014	0.0007	0.0011	0.0013	0.0012	0.0014	0.0014	2.31E-03	2.72E-04	4.78E-09	6.95E-06	2.69E-05	7.40E-06	2.63E-03	1.13E-03	2.72E-04	4.78E-09	3.38E-06	1.31E-05	3.60E-06	1.42E-03
4161	471863.09, 3855877.25	0.0018	0.0014	0.0007	0.0011	0.0014	0.0013	0.0014	0.0014	2.42E-03	2.78E-04	4.98E-09	7.20E-06	2.81E-05	7.71E-06	2.74E-03	1.18E-03	2.78E-04	4.98E-09	3.51E-06	1.37E-05	3.75E-06	1.48E-03
4162	472363.09, 3855877.25	0.0019	0.0015	0.0008	0.0012	0.0015	0.0013	0.0015	0.0015	2.56E-03	2.90E-04	5.32E-09	7.59E-06	2.98E-05	8.20E-06	2.89E-03	1.25E-03	2.90E-04	5.32E-09	3.69E-06	1.45E-05	3.99E-06	1.56E-03
4163	472863.09, 3855877.25	0.002	0.0015	0.0008	0.0012	0.0015	0.0014	0.0015	0.0015	2.68E-03	2.92E-04	5.52E-09	7.85E-06	3.10E-05	8.50E-06	3.02E-03	1.31E-03	2.92E-04	5.52E-09	3.82E-06	1.51E-05	4.14E-06	1.62E-03
4164	473363.09, 3855877.25	0.0021	0.0016	0.0009	0.0013	0.0016	0.0015	0.0016	0.0016	2.85E-03	3.05E-04	5.99E-09	8.43E-06	3.30E-05	9.12E-06	3.20E-03	1.39E-03	3.05E-04	5.99E-09	4.10E-06	1.61E-05	4.44E-06	1.71E-03
4165	473863.09, 3855877.25	0.0022	0.0016	0.0009	0.0014	0.0017	0.0016	0.0016	0.0016	3.02E-03	3.17E-04	6.33E-09	8.94E-06	3.51E-05	9.73E-06	3.39E-03	1.47E-03	3.17E-04	6.33E-09	4.35E-06	1.71E-05	4.74E-06	1.81E-03
4166	474363.09, 3855877.25	0.0023	0.0017	0.001	0.0015	0.0018	0.0017	0.0017	0.0017	3.19E-03	3.25E-04	6.53E-09	9.46E-06	3.71E-05	1.02E-05	3.57E-03	1.55E-03	3.25E-04	6.53E-09	4.60E-06	1.81E-05	4.97E-06	1.90E-03
4167	474863.09, 3855877.25	0.0024	0.0015	0.0009	0.0014	0.0018	0.0016	0.0015	0.0015	3.25E-03	2.97E-04	6.33E-09	9.13E-06	3.61E-05	9.91E-06	3.61E-03	1.58E-03	2.97E-04	6.33E-09	4.45E-06	1.76E-05	4.82E-06	1.91E-03
4168	475363.09, 3855877.25	0.0022	0.0013	0.0009	0.0013	0.0016	0.0015	0.0013	0.0013	2.93E-03	2.60E-04	6.26E-09	8.43E-06	3.26E-05	9.42E-06	3.24E-03	1.42E-03	2.60E-04	6.26E-09	4.10E-06	1.59E-05	4.59E-06	1.71E-03
4169	475863.09, 3855877.25	0.0018	0.0011	0.0009	0.0012	0.0014	0.0014	0.0011	0.0011	2.38E-03	2.17E-04	5.72E-09	7.46E-06	2.94E-05	8.69E-06	2.64E-03	1.16E-03	2.17E-04	5.72E-09	3.63E-06	1.43E-05	4.23E-06	1.40E-03
4170	476363.09, 3855877.25	0.0019	0.0011	0.0009	0.0012	0.0015	0.0015	0.0011	0.0011	2.52E-03	2.25E-04	6.06E-09	7.85E-06	3.10E-05	9.18E-06	2.79E-03	1.23E-03	2.25E-04	6.06E-09	3.82E-06	1.51E-05	4.47E-06	1.47E-03
4171	476863.09, 3855877.25	0.0021	0.0013	0.001	0.0014	0.0017	0.0017	0.0013	0.0013	2.91E-03	2.56E-04	6.80E-09	8.81E-06	3.41E-05	1.03E-05	3.22E-03	1.42E-03	2.56E-04	6.80E-09	4.29E-06	1.66E-05	5.00E-06	1.70E-03
4172	477363.09, 3855877.25	0.0024	0.0014	0.0011	0.0015	0.0018	0.0018	0.0014	0.0014	3.24E-03	2.78E-04	7.41E-09	9.52E-06	3.67E-05	1.11E-05	3.58E-03	1.58E-03	2.78E-04	7.41E-09	4.63E-06	1.79E-05	5.39E-06	1.88E-03
4173	477863.09, 3855877.25	0.0027	0.0015	0.0012	0.0016	0.002	0.002	0.0015	0.0015	3.66E-03	2.99E-04	8.15E-09	1.03E-05	3.98E-05	1.19E-05	4.02E-03	1.78E-03	2.99E-04	8.15E-09	5.01E-06	1.94E-05	5.81E-06	2.11E-03
4174	478363.09, 3855877.25	0.0031	0.0017	0.0013	0.0018	0.0021	0.0021	0.0017	0.0017	4.25E-03	3.31E-04	8.96E-09	1.14E-05	4.36E-05	1.31E-05	4.65E-03	2.07E-03	3.31E-04	8.96E-09	5.57E-06	2.12E-05	6.37E-06	2.43E-03
4175	478863.09, 3855877.25	0.0038	0.0019	0.0015	0.002	0.0024	0.0024	0.0019	0.0019	5.12E-03	3.66E-04	1.00E-08	1.29E-05	4.96E-05	1.46E-05	5.56E-03	2.49E-03	3.66E-04	1.00E-08	6.29E-06	2.41E-05	7.09E-06	2.90E-03
4176	479363.09, 3855877.25	0.0046	0.0021	0.0017	0.0024	0.0028	0.0027	0.0021	0.0021	6.22E-03	4.12E-04	1.12E-08	1.52E-05	5.73E-05	1.66E-05	6.72E-03	3.03E-03	4.12E-04	1.12E-08	7.39E-06	2.79E-05	8.07E-06	3.48E-03
4177	479863.09, 3855877.25	0.0055	0.0023	0.0019	0.0027	0.0032	0.0031	0.0024	0.0023	7.42E-03	4.57E-04	1.30E-08	1.76E-05	6.61E-05	1.91E-05	7.98E-03	3.61E-03	4.57E-04	1.30E-08	8.55E-06	3.22E-05	9.29E-06	4.12E-03
4178	480363.09, 3855877.25	0.0065	0.0027	0.0024	0.0032	0.0039	0.0037	0.0028	0.0027	8.90E-03	5.24E-04	1.62E-08	2.08E-05	7.99E-05	2.25E-05	9.55E-03	4.33E-03	5.24E-04	1.62E-08	1.01E-05	3.89E-05	1.09E-05	4.92E-03
4179	480863.09, 3855877.25	0.0078	0.0031	0.0031	0.0038	0.0047	0.0045	0.0032	0.0031	1.06E-02	6.19E-04	2.10E-08	2.45E-05	9.52E-05	2.72E-05	1.14E-02	5.16E-03	6.19E-04	2.10E-08	1.19E-05	4.64E-05	1.33E-05	5.85E-03
4180	481363.09, 3855877.25	0.0095	0.0034	0.0034	0.0042	0.0053	0.0049	0.0034	0.0034	1.29E-02	6.68E-04	2.30E-08	2.72E-05	1.07E-04	3.02E-05	1.37E-02	6.27E-03	6.68E-04	2.30E-08	1.32E-05	5.22E-05	1.47E-05	7.02E-03
4181	481863.09, 3855877.25	0.011	0.0048	0.005	0.0048	0.0061	0.0069	0.004	0.0048	1.49E-02	9.52E-04	3.38E-08	3.11E-05	1.25E-04	4.20E-05	1.61E-02	7.28E-03	9.52E-04	3.38E-08	1.51E-05	6.10E-05	2.04E-05	8.32E-03
4182	482363.09, 3855877.25	0.0151	0.0059	0.0072	0.0053	0.0065	0.0086	0.0042	0.0059	2.06E-02	1.16E-03	4.82E-08	3.42E-05	1.33E-04	5.29E-05	2.19E-02	1.00E-02	1.16E-03	4.82E-08	1.66E-05	6.48E-05	2.57E-05	1.13E-02
4183	482863.09, 3855877.25	0.027	0.0075	0.0103	0.006	0.0072	0.0117	0.0046	0.0075	3.67E-02	1.47E-03	6.96E-08	3.87E-05	1.46E-04	7.13E-05	3.85E-02	1.79E-02	1.47E-03	6.96E-08	1.88E-05	7.11E-05	3.47E-05	1.95E-02
4184	483363.09, 3855877.25	0.101	0.0106	0.0125	0.007	0.0078	0.021	0.0052	0.0106	1.38E-01	2.09E-03	8.44E-08	4.48E-05	1.59E-04	1.29E-04	1.40E-01	6.70E-02	2.09E-03	8.44E-08	2.18E-05	7.73E-05	6.27E-05	6.92E-02
4185	483863.09, 3855877.25	0.1227	0.0219	0.0259	0.0084	0.0086	0.3308	0.0062	0.0219	1.67E-01	4.32E-03	1.75E-07	5.37E-05	1.75E-04	2.02E-03	1.74E-01	8.13E-02	4.32E-03	1.75E-07	2.61E-05	8.54E-05	9.85E-04	8.68E-02
4186	484363.09, 3855877.25	0.1341	0.2554	0.0789	0.011	0.0099	0.0452	0.0082	0.2554	1.83E-01	5.03E-02	5.31E-07	7.05E-05	2.02E-04	2.76E-04	2.33E-01	8.89E-02	5.03E-02	5.31E-07	3.43E-05	9.82E-05	1.35E-04	1.39E-01
4187	484863.09, 3855877.25	0.1413	0.0401	0.1155	0.0163	0.0115	0.0295	0.0123	0.0401	1.92E-01	7.89E-03	7.78E-07	1.05E-04	2.35E-04	1.80E-04	2.01E-01	9.37E-02	7.89E-03	7.78E-07	5.09E-05	1.15E-04	8.77E-05	1.02E-01
4188	485363.09, 3855877.25	0.1432	0.0222	0.089	0.0326	0.0137	0.0356	0.0329	0.0222	1.95E-01	4.37E-03	5.99E-07	2.10E-04	2.78E-04	2.18E-04	2.00E-01	9.49E-02	4.37E-03	5.99E-07	1.02E-04	1.36E-04	1.06E-04	9.96E-02
4189	485863.09, 3855877.25	0.1019	0.0152	0.0516	0.9851	0.0158	0.1759	0.0957	0.0152	1.39E-01	3.00E-03	3.47E-07	6.34E-03	3.23E-04	1.08E-03	1.49E-01	6.75E-02	3.00E-03	3.47E-07	3.08E-03	1.57E-04	5.24E-04	7.43E-02
4190	486363.09, 3855877.25	0.0592	0.0114	0.032	0.0754	0.0181	0.0426	0.0311	0.0114	8.06E-02	2.25E-03	2.16E-07	4.85E-04	3.70E-04	2.61E-04	8.40E-02	3.92E-02	2.25E-03	2.16E-07	2.36E-04	1.80E-04	1.27E-04	4.20E-02
4191	486863.09, 3855877.25	0.0454	0.0096	0.0234	0.0403	0.0207	0.0271	0.0197	0.0096	6.18E-02	1.89E-03	1.58E-07	2.59E-04	4.22E-04	1.66E-04	6.45E-02	3.01E-02	1.89E-03	1.58E-07	1.26E-04	2.05E-04	8.06E-05	3.24E-02
4192	487363.09, 3855877.25	0.0368	0.0089	0.019	0.0297	0.0245	0.0218	0.0157	0.0089	5.01E-02	1.75E-03	1.28E-07	1.91E-04	4.99E-04	1.33E-04	5.26E-02	2.44E-02	1.75E-03	1.28E-07	9.31E-05	2.43E-04	6.50E-05	2.65E-02
4193	487863.09, 3855877.25	0.0311	0.0083	0.0161	0.0239	0.0214	0.0186	0.0132	0.0083	4.23E-02	1.64E-03	1.09E-07	1.54E-04	4.37E-04	1.13E-04	4.47E-02	2.06E-02	1.64E-03	1.09E-07	7.49E-05	2.13E-04	5.52E-05	2.26E-02
4194	488363.09, 3855877.25	0.0271	0.0078	0.0137	0.0202	0.0232	0.0163	0.0113	0.0078	3.68E-02	1.53E-03	9.22E-08	1.30E-04	4.73E-04	1.00E-04	3.91E-02	1.79E-02	1.53E-03	9.22E-08	6.31E-05	2.30E-04	4.87E-05	1.98E-02
4195	488863.09, 3855877.25	0.0241	0.0073	0.0122	0.0176	0.0281	0.0148	0.0099	0.0073	3.28E-02	1.43E-03	8.24E-08	1.13E-04	5.73E-04	9.06E-05	3.50E-02	1.60E-02	1.43E-03	8.24E-08	5.51E-05	2.79E-04	4.41E-05	1.78E-02
4196	489363.09, 3855877.25	0.0219	0.0068	0.0112	0.0158	0.0312	0.0136	0.0089	0.0068	2.98E-02	1.34E-03	7.56E-08	1.02E-04	6.35E-04	8.29E-05	3.20E-02	1.45E-02	1.34E-03	7.56E-08	4.94E-05	3.09E-04	4.04E-05	1.63E-02
4197	489863.09, 3855877.25	0.0202	0.0065	0.0097	0.0145	0.0337	0.0128	0.0081	0.0065	2.75E-02	1.27E-03	6.54E-08	9.31E-05	6.87E-04	7.82E-05	2.96E-02	1.34E-02	1.27E-03	6.54E-08	4.53E-05	3.34E-04	3.81E-05	1.51E-02
4198	490363.09, 3855877.25	0.0187	0.0062	0.009	0.0136	0.0352	0.012	0.0075	0.0062	2.54E-02	1.22E-03	6.03E-08	8.75E-05	7.18E-04	7.34E-05	2.75E-02	1.24E-02	1.22E-03	6.03E-08	4.26E-05	3.50E-04	3.57E-05	1.40E-02
4199	490863.09, 3855877.25	0.0176	0.0058	0.0083	0.0129	0.0348	0.0112	0.007	0.0058	2.39E-02	1.14E-03	5.58E-08	8.28E-05	7.10E-04	6.85E-05	2.59E-02	1.16E-02	1.14E-03	5.58E-08	4.03E-05	3.46E-04	3.33E-05	1.32E-02
4200	491363.09, 3855877.25	0.0167	0.0052	0.0072	0.0117	0.0314	0.0101	0.0063	0.0052	2.27E-02	1.03E-03	4.88E-08	7.49E-05	6.40E-04	6.20E-05	2.45E-02	1.10E-02	1.03E-03	4.88E-08	3.65E-05	3.12E-04	3.02E-05	1.24E-02
4201	491863.09, 3855877.25	0.0156	0.0054	0.0073	0.0118	0.0326	0.0104	0.0063	0.0054	2.13E-02	1.06E-03	4.93E-08	7.56E-05	6.65E-04	6.33E-05	2.31E-02	1.04E-02	1.06E-03	4.93E-08	3.68E-05	3.24E-04	3.08E-05	1.18E-02
4202	492363.09, 3855877.25	0.0149	0.0051	0.0069	0.0112	0.0304	0.0098	0.0059	0.0051	2.03E-02	1.01E-03	4.67E-08	7.22E-05	6.20E-04	5.99E-05	2.20E-02	9.87E-03	1.01E-03	4.67E-08	3.51E-05	3.02E-04	2.92E-05	1.12E-02
4203	492863.09, 3855877.25	0.0142	0.0049	0.0068	0.0108	0.0282	0.0093	0.0055	0.0049	1.93E-02	9.57E-04	4.59E-08	6.93E-05	5.75E-04	5.70E-05	2.09E-02	9.38E-03	9.57E-04	4.59E-08	3.37E-05	2.80E-04	2.78E-05	1.07E-02
4204	493363.09, 3855877.25	0.0129	0.0042	0.0059	0.0092	0.0227	0.0081	0.0048	0.0042	1.76E-02	8.33E-04	3.95E-08	5.90E-05	4.63E-04	4.97E-05	1.90E-02	8.58E-03	8.33E-04	3.95E-08	2.87E-05	2.26E-04	2.42E-05	9.69E-03
4205	493863.09, 3855877.25	0.0107	0.0036	0.005	0.0078	0.0177	0.007	0.004	0.0036	1.46E-02	7.17E-04	3.34E-08	5.04E-05	3.61E-04	4.25E-05	1.57E-02	7.09E-03	7.17E-04	3.34E-08	2.45E-05	1.76E-04	2.07E-05	8.03E-03
4206	494363.09, 3855877.25	0.0084	0.0032	0.0043	0.0069	0.0141	0.006	0.0034	0.0032	1.15E-02	6.21E-04	2.87E-08	4.46E-05	2.88E-04	3.68E-05	1.25E-02	5.59E-03	6.21E-04	2.87E-08	2.17E-05	1.40E-04	1.79E-05	6.39E-03
4207	494863.09, 3855877.25	0.007	0.0028	0.0039	0.0063	0.012	0.0054	0.0029	0.0028	9.58E-03	5.58E-04	2.61E-08	4.07E-05	2.45E-04	3.29E-05	1.05E-02	4.67E-03	5.58E-04	2.61E-08	1.98E-05	1.19E-04	1.60E-05	5.38E-03
4208	495363.09, 3855877.25	0.0059	0.0025	0.0035	0.0056	0.01	0.0048	0.0026	0.0025	8.02E-03	4.93E-04	2.34E-08	3.63E-05	2.04E-04	2.91E-05	8.78E-03	3.90E-03	4.93E-04	2.34E-08	1.77E-05	9.93E-05	1.41E-05	4.53E-03
4209	495863.09, 3855877.25	0.0057	0.0025	0.0034	0.0055	0.0094	0.0047	0.0025	0.0025	7.76E-03	4.85E-04	2.29E-08	3.56E-05	1.92E-04	2.85E-05	8.50E-03	3.78E-03	4.85E-04	2.29E-08	1.73E-05	9.32E-05	1.39E-05	4.39E-03
4210	496363.09, 3855877.25	0.0056	0.0024	0.0034	0.0054	0.0089	0.0046	0.0025	0.0024	7.58E-03	4.79E-04	2.26E-08	3.47E-05	1.82E-04	2.81E-05	8.31E-03	3.69E-03	4.79E-04	2.26E-08	1.69E-05	8.84E-05	1.37E-05	4.29E-03
4211	496863.09, 3855877.25	0.0056	0.0025	0.0034	0.0054	0.0087	0.0046	0.0025	0.0025	7.57E-03	4.83E-04	2.26E-08	3.45E-05	1.77E-04	2.80E-05	8.29E-03	3.68E-03	4.83E-04	2.26E-08	1.68E-05	8.60E-05	1.36E-05	4.28E-03
4212	497363.09, 3855877.25	0.0056	0.0025	0.0034	0.0054	0.0085	0.0046	0.0025	0.0025	7.60E-03	4.89E-04	2.26E-08	3.44E-05	1.72E-04	2.81E-05	8.32E-03	3.70E-03	4.89E-04	2.26E-08	1.68E-05	8.39E-05	1.37E-05	4.30E-03

4213	497863.09, 3855877.25	0.0057	0.0025	0.0034	0.0054	0.0083	0.0047	0.0026	0.0025	7.72E-03	5.00E-04	2.28E-08	3.45E-05	1.69E-04	2.86E-05	8.45E-03	3.76E-03	5.00E-04	2.28E-08	1.68E-05	8.22E-05	1.39E-05	4.37E-03
4214	498363.09, 3855877.25	0.006	0.0027	0.0035	0.0056	0.0085	0.0049	0.0027	0.0027	8.17E-03	5.24E-04	2.33E-08	3.57E-05	1.73E-04	3.00E-05	8.93E-03	3.98E-03	5.24E-04	2.33E-08	1.74E-05	8.42E-05	1.46E-05	4.62E-03
4215	471363.09, 3856377.25	0.0017	0.0013	0.0007	0.0011	0.0012	0.0012	0.0013	0.0013	2.26E-03	2.60E-04	4.65E-09	6.95E-06	2.51E-05	7.40E-06	2.56E-03	1.10E-03	2.60E-04	4.65E-09	3.38E-06	1.22E-05	3.60E-06	1.38E-03
4216	471863.09, 3856377.25	0.0017	0.0014	0.0007	0.0011	0.0013	0.0013	0.0014	0.0014	2.37E-03	2.66E-04	4.78E-09	7.20E-06	2.59E-05	7.71E-06	2.68E-03	1.15E-03	2.66E-04	4.78E-09	3.51E-06	1.26E-05	3.75E-06	1.44E-03
4217	472363.09, 3856377.25	0.0018	0.0014	0.0008	0.0012	0.0013	0.0013	0.0014	0.0014	2.49E-03	2.78E-04	5.05E-09	7.59E-06	2.71E-05	8.08E-06	2.81E-03	1.21E-03	2.78E-04	5.05E-09	3.69E-06	1.32E-05	3.93E-06	1.51E-03
4218	472863.09, 3856377.25	0.0019	0.0015	0.0008	0.0013	0.0014	0.0014	0.0015	0.0015	2.64E-03	2.88E-04	5.45E-09	8.04E-06	2.86E-05	8.57E-06	2.97E-03	1.29E-03	2.88E-04	5.45E-09	3.91E-06	1.39E-05	4.17E-06	1.60E-03
4219	473363.09, 3856377.25	0.0021	0.0015	0.0009	0.0013	0.0015	0.0015	0.0015	0.0015	2.79E-03	2.97E-04	5.72E-09	8.43E-06	2.98E-05	9.06E-06	3.14E-03	1.36E-03	2.97E-04	5.72E-09	4.10E-06	1.45E-05	4.41E-06	1.68E-03
4220	473863.09, 3856377.25	0.0022	0.0016	0.0009	0.0014	0.0016	0.0016	0.0016	0.0016	2.97E-03	3.13E-04	6.26E-09	9.01E-06	3.16E-05	9.73E-06	3.33E-03	1.44E-03	3.13E-04	6.26E-09	4.38E-06	1.54E-05	4.74E-06	1.78E-03
4221	474363.09, 3856377.25	0.0023	0.0016	0.001	0.0014	0.0016	0.0016	0.0016	0.0016	3.12E-03	3.11E-04	6.40E-09	9.26E-06	3.28E-05	9.97E-06	3.48E-03	1.52E-03	3.11E-04	6.40E-09	4.51E-06	1.60E-05	4.85E-06	1.85E-03
4222	474863.09, 3856377.25	0.0024	0.0015	0.0009	0.0015	0.0017	0.0016	0.0016	0.0015	3.27E-03	3.01E-04	6.26E-09	9.46E-06	3.37E-05	1.00E-05	3.62E-03	1.59E-03	3.01E-04	6.26E-09	4.60E-06	1.64E-05	4.88E-06	1.92E-03
4223	475363.09, 3856377.25	0.0024	0.0014	0.0009	0.0014	0.0016	0.0016	0.0015	0.0014	3.28E-03	2.80E-04	6.20E-09	9.20E-06	3.34E-05	9.79E-06	3.61E-03	1.60E-03	2.80E-04	6.20E-09	4.48E-06	1.63E-05	4.77E-06	1.90E-03
4224	475863.09, 3856377.25	0.0022	0.0013	0.0009	0.0013	0.0016	0.0016	0.0013	0.0013	2.98E-03	2.54E-04	6.20E-09	8.62E-06	3.26E-05	9.54E-06	3.29E-03	1.45E-03	2.54E-04	6.20E-09	4.20E-06	1.59E-05	4.65E-06	1.73E-03
4225	476363.09, 3856377.25	0.0022	0.0013	0.001	0.0014	0.0017	0.0016	0.0013	0.0013	3.01E-03	2.54E-04	6.46E-09	8.81E-06	3.37E-05	9.91E-06	3.32E-03	1.46E-03	2.54E-04	6.46E-09	4.29E-06	1.64E-05	4.82E-06	1.74E-03
4226	476863.09, 3856377.25	0.0023	0.0013	0.001	0.0014	0.0017	0.0017	0.0013	0.0013	3.16E-03	2.62E-04	6.80E-09	9.26E-06	3.53E-05	1.05E-05	3.48E-03	1.54E-03	2.62E-04	6.80E-09	4.51E-06	1.72E-05	5.09E-06	1.83E-03
4227	477363.09, 3856377.25	0.0025	0.0014	0.0011	0.0015	0.0018	0.0018	0.0014	0.0014	3.38E-03	2.76E-04	7.34E-09	9.78E-06	3.71E-05	1.11E-05	3.71E-03	1.64E-03	2.76E-04	7.34E-09	4.76E-06	1.81E-05	5.39E-06	1.95E-03
4228	477863.09, 3856377.25	0.0024	0.0014	0.0011	0.0015	0.0019	0.0018	0.0013	0.0014	3.23E-03	2.70E-04	7.47E-09	9.65E-06	3.79E-05	1.13E-05	3.56E-03	1.57E-03	2.70E-04	7.47E-09	4.70E-06	1.85E-05	5.48E-06	1.87E-03
4229	478363.09, 3856377.25	0.0024	0.0014	0.0012	0.0015	0.0019	0.0019	0.0013	0.0014	3.31E-03	2.74E-04	8.01E-09	9.78E-06	3.85E-05	1.17E-05	3.64E-03	1.61E-03	2.74E-04	8.01E-09	4.76E-06	1.88E-05	5.72E-06	1.91E-03
4230	478863.09, 3856377.25	0.0033	0.0017	0.0015	0.0019	0.0022	0.0023	0.0017	0.0017	4.55E-03	3.31E-04	9.83E-09	1.20E-05	4.57E-05	1.39E-05	4.95E-03	2.21E-03	3.31E-04	9.83E-09	5.85E-06	2.22E-05	6.76E-06	2.58E-03
4231	479363.09, 3856377.25	0.0041	0.0019	0.0017	0.0021	0.0025	0.0025	0.0019	0.0019	5.51E-03	3.64E-04	1.12E-08	1.35E-05	5.14E-05	1.55E-05	5.96E-03	2.68E-03	3.64E-04	1.12E-08	6.58E-06	2.50E-05	7.53E-06	3.09E-03
4232	479863.09, 3856377.25	0.0053	0.0022	0.0019	0.0026	0.0031	0.0031	0.0023	0.0022	7.24E-03	4.27E-04	1.29E-08	1.70E-05	6.38E-05	1.87E-05	7.77E-03	3.53E-03	4.27E-04	1.29E-08	8.27E-06	3.11E-05	9.11E-06	4.00E-03
4233	480363.09, 3856377.25	0.0064	0.0026	0.0023	0.0032	0.0038	0.0037	0.0026	0.0026	8.70E-03	5.02E-04	1.53E-08	2.03E-05	7.73E-05	2.25E-05	9.32E-03	4.23E-03	5.02E-04	1.53E-08	9.89E-06	3.76E-05	1.09E-05	4.80E-03
4234	480863.09, 3856377.25	0.0073	0.003	0.0027	0.0037	0.0044	0.0043	0.003	0.003	9.98E-03	5.83E-04	1.83E-08	2.35E-05	8.89E-05	2.60E-05	1.07E-02	4.86E-03	5.83E-04	1.83E-08	1.14E-05	4.33E-05	1.27E-05	5.51E-03
4235	481363.09, 3856377.25	0.0084	0.0035	0.0036	0.0041	0.0049	0.0051	0.0033	0.0035	1.14E-02	6.95E-04	2.44E-08	2.63E-05	1.01E-04	3.13E-05	1.22E-02	5.53E-03	6.95E-04	2.44E-08	1.28E-05	4.89E-05	1.52E-05	6.31E-03
4236	481863.09, 3856377.25	0.0096	0.0043	0.0048	0.0046	0.0055	0.0063	0.0036	0.0043	1.31E-02	8.49E-04	3.23E-08	2.93E-05	1.12E-04	3.87E-05	1.41E-02	6.36E-03	8.49E-04	3.23E-08	1.43E-05	5.47E-05	1.88E-05	7.30E-03
4237	482363.09, 3856377.25	0.012	0.005	0.0068	0.005	0.0061	0.0076	0.0038	0.005	1.63E-02	9.87E-04	4.59E-08	3.18E-05	1.25E-04	4.64E-05	1.75E-02	7.93E-03	9.87E-04	4.59E-08	1.55E-05	6.09E-05	2.26E-05	9.02E-03
4238	482863.09, 3856377.25	0.0172	0.0059	0.0074	0.0055	0.0071	0.0092	0.0041	0.0059	2.34E-02	1.16E-03	4.98E-08	3.52E-05	1.45E-04	5.61E-05	2.48E-02	1.14E-02	1.16E-03	4.98E-08	1.71E-05	7.05E-05	2.73E-05	1.27E-02
4239	483363.09, 3856377.25	0.0492	0.0073	0.0096	0.0061	0.0083	0.0121	0.0044	0.0073	6.70E-02	1.43E-03	6.47E-08	3.94E-05	1.70E-04	7.42E-05	6.87E-02	3.26E-02	1.43E-03	6.47E-08	1.92E-05	8.27E-05	3.61E-05	3.42E-02
4240	483863.09, 3856377.25	0.1111	0.0101	0.0161	0.007	0.0099	0.0203	0.005	0.0101	1.51E-01	1.98E-03	1.08E-07	4.49E-05	2.02E-04	1.24E-04	1.54E-01	7.36E-02	1.98E-03	1.08E-07	2.19E-05	9.83E-05	6.04E-05	7.58E-02
4241	484363.09, 3856377.25	0.1272	0.0185	0.0404	0.0082	0.0119	0.1991	0.0061	0.0185	1.73E-01	3.65E-03	2.72E-07	5.30E-05	2.42E-04	1.22E-03	1.78E-01	8.43E-02	3.65E-03	2.72E-07	2.58E-05	1.18E-04	5.93E-04	8.87E-02
4242	484863.09, 3856377.25	0.1361	0.1902	0.0503	0.0106	0.0147	0.0562	0.0078	0.1902	1.85E-01	3.75E-02	3.39E-07	6.81E-05	3.00E-04	3.44E-04	2.23E-01	9.02E-02	3.75E-02	3.39E-07	3.31E-05	1.46E-04	1.67E-04	1.28E-01
4243	485363.09, 3856377.25	0.1422	0.0532	0.0484	0.015	0.0192	0.0328	0.0115	0.0532	1.94E-01	1.05E-02	3.26E-07	9.65E-05	3.92E-04	2.01E-04	2.05E-01	9.42E-02	1.05E-02	3.26E-07	4.70E-05	1.91E-04	9.77E-05	1.05E-01
4244	485863.09, 3856377.25	0.1445	0.0255	0.0335	0.0272	0.0265	0.0338	0.0289	0.0255	1.97E-01	5.02E-03	2.25E-07	1.75E-04	5.40E-04	2.07E-04	2.03E-01	9.57E-02	5.02E-03	2.25E-07	8.51E-05	2.63E-04	1.01E-04	1.01E-01
4245	486363.09, 3856377.25	0.1252	0.0155	0.0218	0.2496	0.0369	0.3375	0.1103	0.0155	1.70E-01	3.06E-03	1.47E-07	1.61E-03	7.53E-04	2.06E-03	1.78E-01	8.30E-02	3.06E-03	1.47E-07	7.82E-04	3.66E-04	1.01E-03	8.82E-02
4246	486863.09, 3856377.25	0.0618	0.0127	0.0178	0.0956	0.0526	0.0512	0.0349	0.0127	8.41E-02	2.50E-03	1.20E-07	6.15E-04	1.07E-03	3.13E-04	8.86E-02	4.09E-02	2.50E-03	1.20E-07	2.99E-04	5.22E-04	1.52E-04	4.44E-02
4247	487363.09, 3856377.25	0.0453	0.0111	0.0145	0.0463	0.0688	0.0314	0.0217	0.0111	6.17E-02	2.19E-03	9.76E-08	2.98E-04	1.40E-03	1.92E-04	6.57E-02	3.00E-02	2.19E-03	9.76E-08	1.45E-04	6.83E-04	9.35E-05	3.31E-02
4248	487863.09, 3856377.25	0.0363	0.0102	0.0127	0.0319	0.0724	0.0243	0.0163	0.0102	4.95E-02	2.01E-03	8.57E-08	2.05E-04	1.48E-03	1.48E-04	5.33E-02	2.41E-02	2.01E-03	8.57E-08	9.99E-05	7.18E-04	7.23E-05	2.70E-02
4249	488363.09, 3856377.25	0.0307	0.0094	0.0113	0.0253	0.0826	0.0204	0.0133	0.0094	4.18E-02	1.85E-03	7.60E-08	1.63E-04	1.69E-03	1.25E-04	4.56E-02	2.03E-02	1.85E-03	7.60E-08	7.93E-05	8.20E-04	6.07E-05	2.31E-02
4250	488863.09, 3856377.25	0.0268	0.0087	0.0114	0.0215	0.0902	0.018	0.0114	0.0087	3.65E-02	1.71E-03	7.67E-08	1.38E-04	1.84E-03	1.10E-04	4.03E-02	1.78E-02	1.71E-03	7.67E-08	6.74E-05	8.95E-04	5.37E-05	2.05E-02
4251	489363.09, 3856377.25	0.0241	0.008	0.0103	0.019	0.0874	0.0166	0.01	0.008	3.28E-02	1.58E-03	6.92E-08	1.22E-04	1.78E-03	1.01E-04	3.64E-02	1.60E-02	1.58E-03	6.92E-08	5.94E-05	8.68E-04	4.93E-05	1.85E-02
4252	489863.09, 3856377.25	0.0219	0.0075	0.0096	0.0174	0.0805	0.0153	0.009	0.0075	2.98E-02	1.47E-03	6.48E-08	1.12E-04	1.64E-03	9.34E-05	3.32E-02	1.45E-02	1.47E-03	6.48E-08	5.46E-05	7.99E-04	4.54E-05	1.69E-02
4253	490363.09, 3856377.25	0.0203	0.0069	0.0092	0.0167	0.072	0.0142	0.0081	0.0069	2.76E-02	1.37E-03	6.16E-08	1.08E-04	1.47E-03	8.70E-05	3.06E-02	1.34E-02	1.37E-03	6.16E-08	5.24E-05	7.14E-04	4.24E-05	1.56E-02
4254	490863.09, 3856377.25	0.019	0.0065	0.0086	0.0164	0.0635	0.0134	0.0075	0.0065	2.58E-02	1.27E-03	5.79E-08	1.06E-04	1.30E-03	8.18E-05	2.86E-02	1.26E-02	1.27E-03	5.79E-08	5.14E-05	6.31E-04	3.98E-05	1.46E-02
4255	491363.09, 3856377.25	0.0178	0.0061	0.0084	0.0173	0.0559	0.0127	0.007	0.0061	2.42E-02	1.20E-03	5.68E-08	1.11E-04	1.14E-03	7.76E-05	2.68E-02	1.18E-02	1.20E-03	5.68E-08	5.41E-05	5.55E-04	3.78E-05	1.36E-02
4256	491863.09, 3856377.25	0.0168	0.0058	0.0081	0.0177	0.049	0.012	0.0065	0.0058	2.29E-02	1.14E-03	5.46E-08	1.14E-04	9.99E-04	7.34E-05	2.52E-02	1.12E-02	1.14E-03	5.46E-08	5.53E-05	4.86E-04	3.57E-05	1.29E-02
4257	492363.09, 3856377.25	0.0161	0.0054	0.0077	0.0165	0.0423	0.0111	0.0061	0.0054	2.19E-02	1.06E-03	5.15E-08	1.06E-04	8.63E-04	6.82E-05	2.40E-02	1.06E-02	1.06E-03	5.15E-08	5.17E-05	4.20E-04	3.32E-05	1.22E-02
4258	492863.09, 3856377.25	0.015	0.0048	0.0067	0.016	0.0338	0.0099	0.0054	0.0048	2.04E-02	9.40E-04	4.50E-08	1.03E-04	6.90E-04	6.03E-05	2.22E-02	9.92E-03	9.40E-04	4.50E-08	5.00E-05	3.36E-04	2.93E-05	1.13E-02
4259	493363.09, 3856377.25	0.0121	0.0039	0.0053	0.0122	0.0227	0.008	0.0043	0.0039	1.64E-02	7.66E-04	3.55E-08	7.82E-05	4.64E-04	4.88E-05	1.78E-02	8.00E-03	7.66E-04	3.55E-08	3.80E-05	2.26E-04	2.37E-05	9.05E-03
4260	493863.09, 3856377.25	0.01	0.0035	0.0048	0.0103	0.0184	0.0072	0.0037	0.0035	1.36E-02	6.90E-04	3.22E-08	6.63E-05	3.75E-04	4.37E-05	1.48E-02	6.61E-03	6.90E-04	3.22E-08	3.23E-05	1.83E-04	2.13E-05	7.54E-03
4261	494363.09, 3856377.25	0.008	0.0031	0.0043	0.0087	0.0147	0.0063	0.0032	0.0031	1.09E-02	6.07E-04	2.89E-08	5.59E-05	2.99E-04	3.85E-05	1.19E-02	5.30E-03	6.07E-04	2.89E-08	2.72E-05	1.45E-04	1.87E-05	6.10E-03
4262	494863.09, 3856377.25	0.0067	0.0028	0.0039	0.0075	0.012	0.0056	0.0028	0.0028	9.11E-03	5.44E-04	2.62E-08	4.83E-05	2.45E-04	3.43E-05	9.98E-03	4.43E-03	5.44E-04	2.62E-08	2.35E-05	1.19E-04	1.67E-05	5.14E-03
4263	495363.09, 3856377.25	0.0059	0.0026	0.0036	0.0067	0.0103	0.0052	0.0026	0.0026	8.09E-03	5.04E-04	2.44E-08	4.29E-05	2.09E-04	3.17E-05	8.88E-03	3.94E-03	5.04E-04	2.44E-08	2.09E-05	1.02E-04	1.54E-05	4.58E-03
4264	495863.09, 3856377.25	0.0057	0.0025	0.0035	0.0063	0.0095	0.0051	0.0025	0.0025	7.77E-03	4.94E-04	2.38E-08	4.05E-05	1.94E-04	3.09E-05	8.53E-03	3.78E-03	4.94E-04	2.38E-08	1.97E-05	9.42E-05	1.50E-05	4.41E-03
4265	496363.09, 3856377.25	0.0057	0.0025	0.0035	0.0061	0.009	0.005	0.0025	0.0025	7.71E-03	4.94E-04	2.36E-08	3.92E-05	1.84E-04	3.07E-05	8.45E-03	3.75E-03	4.94E-04	2.36E-08	1.91E-05	8.93E-05	1.49E-05	4.37E-03
4266	496863.09, 3856377.25	0.0058	0.0026	0.0035	0.0061	0.0089	0.0051	0.0026	0.0026	7.84E-03	5.04E-04	2.38E-08	3.91E-05	1.81E-04	3.10E-05	8.60E-03	3.82E-03	5.04E-04	2.38E-08	1.90E-05	8.81E-05	1.51E-05	4.44E-03
4267	497363.09, 3856377.25	0.0059	0.0026	0.0035	0.0061	0.0086	0.0051	0.0026	0.0026	7.96E-03	5.16E-04	2.37E-08	3.90E-05	1.76E-04	3.14E-05	8.73E-03	3.88E-03	5.16E-04	2.37E-08	1.90E-05	8.57E-05	1.53E-05	4.51E-03
4268	497863.09, 3856377.25	0.0061	0.0027	0.0036	0.0062	0.0086	0.0053	0.0027	0.0027	8.28E-03	5.32E-04	2.40E-08	3.96E-05	1.76E-04	3.26E-05	9.06E-03	4.03E-03	5.32E-04	2.40E-08	1.93E-05	8.55E-05	1.59E-05	4.68E-03
4269	498363.09, 3856377.25	0.0064	0.0028	0.0036	0.0063	0.0088	0.0059	0.0029	0.0028	8.75E-03	5.54E-04	2.44E-08	4.04E-05	1.79E-04	3.61E-05	9.56E-03	4.26E-03	5.54E-04	2.44E-08	1.97E-05	8.70E-05	1.76E-05	4.94E-03
4270	471363.09, 3856877.25	0.0016	0.0013	0.0007	0.0011	0.0012	0.0012	0.0013	0.0013	2.22E-03	2.52E-04	4.65E-09	7.08E-06	2.47E-05	7.46E-06	2.51E-03	1.08E-03	2.52E-04	4.65E-09	3.44E-06	1.20E-05	3.63E-06	1.35E-03
4271	471863.09, 3856877.25	0.0017	0.0013	0.0007	0.0011	0.0013	0.0013	0.0013	0.0013	2.33E-03	2.56E-04	4.85E-09	7.33E-06	2.55E-05	7.77E-06	2.62E-03	1.13E-03	2.56E-04	4.85E-09	3.57E-06	1.24E-05	3.78E-06	1.41E-03
4272	472363.09, 3856877.25	0.0018	0.0013	0.0008	0.0012	0.0013	0.0013	0.0014	0.0013	2.45E-03	2.64E-04	5.05E-09	7.65E-06	2.65E-05	8.14E-06	2.76E-03	1.19E-03	2.64E-04	5.05E-09	3.73E-06	1.29E-05	3.96E-06	1.48E-03
4273	472863.09, 3856877.25	0.0019	0.0014	0.0008	0.0013	0.0014	0.0014	0.0014	0.0014	2.59E-03	2.72E-04	5.32E-09	8.04E-06	2.75E-05	8.50E-06	2.90E-03	1.26E-03	2.72E-04	5.32E-09	3.91E-06	1.34E-05	4.14E-06	1.55E-03
4274	473363.09, 3856877.25	0.002	0.0015	0.0009	0.0013	0.0014	0.0015	0.0015	0.0015	2.75E-03	2.88E-04	5.72E-09	8.56E-06	2.90E-05	9.12E-06	3.08E-03	1.34E-03	2.88E-04	5.72E-09	4.16E-06	1.41E-05	4.44E-06	1.65E-03

4275	473863.09, 3856877.25	0.0021	0.0015	0.0009	0.0014	0.0015	0.0016	0.0015	0.0015	2.91E-03	2.97E-04	5.99E-09	8.94E-06	3.02E-05	9.54E-06	3.26E-03	1.42E-03	2.97E-04	5.99E-09	4.35E-06	1.47E-05	4.65E-06	1.74E-03
4276	474363.09, 3856877.25	0.0023	0.0015	0.0009	0.0014	0.0015	0.0016	0.0016	0.0015	3.06E-03	2.97E-04	5.99E-09	9.13E-06	3.12E-05	9.73E-06	3.41E-03	1.49E-03	2.97E-04	5.99E-09	4.45E-06	1.52E-05	4.74E-06	1.81E-03
4277	474863.09, 3856877.25	0.0024	0.0015	0.0009	0.0014	0.0016	0.0016	0.0015	0.0015	3.21E-03	2.90E-04	5.86E-09	9.26E-06	3.20E-05	9.73E-06	3.55E-03	1.56E-03	2.90E-04	5.86E-09	4.51E-06	1.56E-05	4.74E-06	1.88E-03
4278	475363.09, 3856877.25	0.0024	0.0014	0.0009	0.0014	0.0016	0.0016	0.0015	0.0014	3.27E-03	2.76E-04	5.86E-09	9.13E-06	3.24E-05	9.67E-06	3.59E-03	1.59E-03	2.76E-04	5.86E-09	4.45E-06	1.58E-05	4.71E-06	1.89E-03
4279	475863.09, 3856877.25	0.0025	0.0014	0.0009	0.0015	0.0017	0.0016	0.0015	0.0014	3.43E-03	2.78E-04	6.20E-09	9.46E-06	3.37E-05	1.00E-05	3.76E-03	1.67E-03	2.78E-04	6.20E-09	4.60E-06	1.64E-05	4.88E-06	1.97E-03
4280	476363.09, 3856877.25	0.0025	0.0014	0.001	0.0015	0.0017	0.0017	0.0014	0.0014	3.42E-03	2.68E-04	6.40E-09	9.39E-06	3.45E-05	1.01E-05	3.74E-03	1.66E-03	2.68E-04	6.40E-09	4.57E-06	1.68E-05	4.91E-06	1.96E-03
4281	476863.09, 3856877.25	0.0026	0.0014	0.001	0.0015	0.0018	0.0017	0.0014	0.0014	3.47E-03	2.70E-04	6.80E-09	9.58E-06	3.57E-05	1.05E-05	3.80E-03	1.69E-03	2.70E-04	6.80E-09	4.67E-06	1.74E-05	5.12E-06	1.99E-03
4282	477363.09, 3856877.25	0.0025	0.0014	0.0011	0.0015	0.0018	0.0018	0.0014	0.0014	3.43E-03	2.68E-04	7.27E-09	9.58E-06	3.67E-05	1.08E-05	3.76E-03	1.67E-03	2.68E-04	7.27E-09	4.67E-06	1.79E-05	5.24E-06	1.97E-03
4283	477863.09, 3856877.25	0.0022	0.0013	0.0011	0.0014	0.0017	0.0017	0.0013	0.0013	3.05E-03	2.54E-04	7.27E-09	9.13E-06	3.55E-05	1.06E-05	3.36E-03	1.48E-03	2.54E-04	7.27E-09	4.45E-06	1.73E-05	5.15E-06	1.77E-03
4284	478363.09, 3856877.25	0.0023	0.0013	0.0011	0.0015	0.0018	0.0018	0.0013	0.0013	3.09E-03	2.56E-04	7.54E-09	9.39E-06	3.69E-05	1.10E-05	3.40E-03	1.50E-03	2.56E-04	7.54E-09	4.57E-06	1.80E-05	5.36E-06	1.79E-03
4285	478863.09, 3856877.25	0.0026	0.0014	0.0012	0.0016	0.002	0.002	0.0014	0.0014	3.51E-03	2.80E-04	8.22E-09	1.04E-05	4.06E-05	1.22E-05	3.86E-03	1.71E-03	2.80E-04	8.22E-09	5.07E-06	1.98E-05	5.93E-06	2.02E-03
4286	479363.09, 3856877.25	0.0031	0.0016	0.0014	0.0018	0.0022	0.0022	0.0015	0.0016	4.19E-03	3.07E-04	9.16E-09	1.16E-05	4.55E-05	1.36E-05	4.57E-03	2.04E-03	3.07E-04	9.16E-09	5.67E-06	2.21E-05	6.61E-06	2.38E-03
4287	479863.09, 3856877.25	0.005	0.002	0.0017	0.0025	0.0028	0.0029	0.0021	0.002	6.83E-03	3.94E-04	1.16E-08	1.62E-05	5.65E-05	1.76E-05	7.32E-03	3.33E-03	3.94E-04	1.16E-08	7.89E-06	2.75E-05	8.58E-06	3.76E-03
4288	480363.09, 3856877.25	0.006	0.0024	0.0021	0.0031	0.0033	0.0035	0.0025	0.0024	8.22E-03	4.71E-04	1.42E-08	1.97E-05	6.69E-05	2.15E-05	8.80E-03	4.00E-03	4.71E-04	1.42E-08	9.58E-06	3.26E-05	1.05E-05	4.53E-03
4289	480863.09, 3856877.25	0.0067	0.0029	0.003	0.0035	0.0038	0.0043	0.0028	0.0029	9.15E-03	5.67E-04	2.01E-08	2.25E-05	7.73E-05	2.61E-05	9.84E-03	4.45E-03	5.67E-04	2.01E-08	1.10E-05	3.76E-05	1.27E-05	5.08E-03
4290	481363.09, 3856877.25	0.0074	0.0034	0.0036	0.0039	0.0044	0.0051	0.0031	0.0034	1.01E-02	6.60E-04	2.44E-08	2.48E-05	8.87E-05	3.11E-05	1.09E-02	4.90E-03	6.60E-04	2.44E-08	1.21E-05	4.32E-05	1.52E-05	5.63E-03
4291	481863.09, 3856877.25	0.0084	0.0037	0.0043	0.0043	0.0049	0.0057	0.0033	0.0037	1.15E-02	7.35E-04	2.91E-08	2.73E-05	1.00E-04	3.48E-05	1.24E-02	5.59E-03	7.35E-04	2.91E-08	1.33E-05	4.87E-05	1.69E-05	6.41E-03
4292	482363.09, 3856877.25	0.0097	0.0044	0.0058	0.0046	0.0054	0.0068	0.0034	0.0044	1.32E-02	8.65E-04	3.90E-08	2.93E-05	1.11E-04	4.15E-05	1.42E-02	6.41E-03	8.65E-04	3.90E-08	1.43E-05	5.39E-05	2.02E-05	7.36E-03
4293	482863.09, 3856877.25	0.0125	0.005	0.0058	0.005	0.0062	0.0079	0.0037	0.005	1.70E-02	9.79E-04	3.93E-08	3.20E-05	1.27E-04	4.83E-05	1.81E-02	8.26E-03	9.79E-04	3.93E-08	1.56E-05	6.16E-05	2.35E-05	9.34E-03
4294	483363.09, 3856877.25	0.0203	0.0058	0.0064	0.0055	0.0073	0.0095	0.004	0.0058	2.76E-02	1.13E-03	4.28E-08	3.56E-05	1.49E-04	5.83E-05	2.90E-02	1.34E-02	1.13E-03	4.28E-08	1.73E-05	7.26E-05	2.84E-05	1.47E-02
4295	483863.09, 3856877.25	0.0903	0.007	0.008	0.0062	0.0088	0.0123	0.0044	0.007	1.23E-01	1.38E-03	5.41E-08	4.01E-05	1.80E-04	7.50E-05	1.25E-01	5.98E-02	1.38E-03	5.41E-08	1.95E-05	8.78E-05	3.65E-05	6.13E-02
4296	484363.09, 3856877.25	0.1133	0.0095	0.0103	0.0071	0.0111	0.0191	0.005	0.0095	1.54E-01	1.88E-03	6.96E-08	4.57E-05	2.26E-04	1.17E-04	1.57E-01	7.51E-02	1.88E-03	6.96E-08	2.22E-05	1.10E-04	5.69E-05	7.72E-02
4297	484863.09, 3856877.25	0.1246	0.0154	0.0099	0.0084	0.0145	0.0786	0.006	0.0154	1.70E-01	3.03E-03	6.63E-08	5.37E-05	2.95E-04	4.81E-04	1.73E-01	8.26E-02	3.03E-03	6.63E-08	2.61E-05	1.43E-04	2.34E-04	8.60E-02
4298	485363.09, 3856877.25	0.132	0.0576	0.0116	0.0105	0.0204	0.0662	0.0076	0.0576	1.80E-01	1.13E-02	7.80E-08	6.77E-05	4.15E-04	4.05E-04	1.92E-01	8.75E-02	1.13E-02	7.80E-08	3.29E-05	2.02E-04	1.97E-04	9.93E-02
4299	485863.09, 3856877.25	0.138	0.0751	0.0111	0.0144	0.0319	0.0358	0.0111	0.0751	1.88E-01	1.48E-02	7.45E-08	9.28E-05	6.50E-04	2.19E-04	2.04E-01	9.15E-02	1.48E-02	7.45E-08	4.52E-05	3.16E-04	1.07E-04	1.07E-01
4300	486363.09, 3856877.25	0.145	0.0247	0.0106	0.0257	0.061	0.0315	0.0273	0.0247	1.97E-01	4.86E-03	7.11E-08	1.65E-04	1.24E-03	1.92E-04	2.04E-01	9.61E-02	4.86E-03	7.11E-08	8.03E-05	6.06E-04	9.37E-05	1.02E-01
4301	486863.09, 3856877.25	0.1319	0.0178	0.0117	0.1336	0.176	0.2351	0.1281	0.0178	1.80E-01	3.51E-03	7.85E-08	8.60E-04	3.59E-03	1.44E-03	1.89E-01	8.74E-02	3.51E-03	7.85E-08	4.18E-04	1.75E-03	7.00E-04	9.38E-02
4302	487363.09, 3856877.25	0.0612	0.0148	0.0109	0.1063	2.1651	0.0598	0.0362	0.0148	8.33E-02	2.92E-03	7.31E-08	6.84E-04	4.42E-02	3.66E-04	1.31E-01	4.06E-02	2.92E-03	7.31E-08	3.33E-04	2.15E-02	1.78E-04	6.55E-02
4303	487863.09, 3856877.25	0.0437	0.0129	0.0104	0.049	1.783	0.0354	0.0221	0.0129	5.95E-02	2.54E-03	7.00E-08	3.15E-04	3.64E-02	2.16E-04	9.90E-02	2.90E-02	2.54E-03	7.00E-08	1.53E-04	1.77E-02	1.05E-04	4.95E-02
4304	488363.09, 3856877.25	0.0349	0.0116	0.0117	0.0337	0.5347	0.0273	0.0164	0.0116	4.75E-02	2.28E-03	7.89E-08	2.17E-04	1.09E-02	1.67E-04	6.11E-02	2.31E-02	2.28E-03	7.89E-08	1.05E-04	5.31E-03	8.13E-05	3.09E-02
4305	488863.09, 3856877.25	0.0297	0.0105	0.0113	0.027	0.3036	0.0233	0.0133	0.0105	4.04E-02	2.06E-03	7.60E-08	1.74E-04	6.19E-03	1.42E-04	4.90E-02	1.97E-02	2.06E-03	7.60E-08	8.46E-05	3.01E-03	6.93E-05	2.49E-02
4306	489363.09, 3856877.25	0.0262	0.0096	0.0117	0.0232	0.2014	0.0208	0.0114	0.0096	3.57E-02	1.89E-03	7.85E-08	1.49E-04	4.11E-03	1.27E-04	4.19E-02	1.74E-02	1.89E-03	7.85E-08	7.25E-05	2.00E-03	6.18E-05	2.14E-02
4307	489863.09, 3856877.25	0.0237	0.0088	0.0108	0.0213	0.145	0.019	0.0101	0.0088	3.23E-02	1.73E-03	7.30E-08	1.37E-04	2.96E-03	1.16E-04	3.73E-02	1.57E-02	1.73E-03	7.30E-08	6.66E-05	1.44E-03	5.65E-05	1.90E-02
4308	490363.09, 3856877.25	0.022	0.008	0.0109	0.0206	0.1094	0.0174	0.009	0.008	3.00E-02	1.57E-03	7.36E-08	1.33E-04	2.23E-03	1.06E-04	3.40E-02	1.46E-02	1.57E-03	7.36E-08	6.45E-05	1.09E-03	5.18E-05	1.74E-02
4309	490863.09, 3856877.25	0.0206	0.0074	0.0103	0.0226	0.0849	0.0161	0.0081	0.0074	2.80E-02	1.45E-03	6.95E-08	1.45E-04	1.73E-03	9.87E-05	3.14E-02	1.36E-02	1.45E-03	6.95E-08	7.06E-05	8.42E-04	4.80E-05	1.60E-02
4310	491363.09, 3856877.25	0.0193	0.0068	0.0097	0.0316	0.0678	0.015	0.0074	0.0068	2.62E-02	1.34E-03	6.55E-08	2.03E-04	1.38E-03	9.20E-05	2.93E-02	1.28E-02	1.34E-03	6.55E-08	9.88E-05	6.73E-04	4.48E-05	1.49E-02
4311	491863.09, 3856877.25	0.0182	0.0063	0.0093	0.1776	0.055	0.014	0.0068	0.0063	2.48E-02	1.24E-03	6.24E-08	1.14E-03	1.12E-03	8.54E-05	2.84E-02	1.21E-02	1.24E-03	6.24E-08	5.56E-04	5.46E-04	4.16E-05	1.45E-02
4312	492363.09, 3856877.25	0.0172	0.0053	0.0079	0.1129	0.042	0.0119	0.0059	0.0053	2.35E-02	1.05E-03	5.33E-08	7.26E-04	8.56E-04	7.29E-05	2.62E-02	1.14E-02	1.05E-03	5.33E-08	3.53E-04	4.17E-04	3.55E-05	1.33E-02
4313	492863.09, 3856877.25	0.0155	0.0047	0.0068	0.0325	0.0317	0.0104	0.0051	0.0047	2.12E-02	9.20E-04	4.55E-08	2.09E-04	6.46E-04	6.38E-05	2.30E-02	1.03E-02	9.20E-04	4.55E-08	1.02E-04	3.15E-04	3.11E-05	1.17E-02
4314	493363.09, 3856877.25	0.0128	0.0041	0.0058	0.0185	0.0233	0.009	0.0043	0.0041	1.75E-02	8.00E-04	3.89E-08	1.19E-04	4.75E-04	5.48E-05	1.89E-02	8.50E-03	8.00E-04	3.89E-08	5.80E-05	2.31E-04	2.67E-05	9.61E-03
4315	493863.09, 3856877.25	0.0096	0.0035	0.005	0.013	0.0172	0.0076	0.0036	0.0035	1.31E-02	6.86E-04	3.33E-08	8.35E-05	3.51E-04	4.66E-05	1.42E-02	6.36E-03	6.86E-04	3.33E-08	4.06E-05	1.71E-04	2.27E-05	7.28E-03
4316	494363.09, 3856877.25	0.0076	0.0031	0.0044	0.0101	0.0134	0.0067	0.0031	0.0031	1.03E-02	6.05E-04	2.98E-08	6.48E-05	2.73E-04	4.07E-05	1.13E-02	5.03E-03	6.05E-04	2.98E-08	3.16E-05	1.33E-04	1.98E-05	5.82E-03
4317	494863.09, 3856877.25	0.0068	0.0029	0.0042	0.0086	0.0115	0.0062	0.0029	0.0029	9.22E-03	5.65E-04	2.79E-08	5.54E-05	2.35E-04	3.79E-05	1.01E-02	4.49E-03	5.65E-04	2.79E-08	2.70E-05	1.14E-04	1.84E-05	5.21E-03
4318	495363.09, 3856877.25	0.0063	0.0028	0.004	0.0077	0.0105	0.0059	0.0027	0.0028	8.58E-03	5.42E-04	2.68E-08	4.98E-05	2.14E-04	3.63E-05	9.42E-03	4.17E-03	5.42E-04	2.68E-08	2.42E-05	1.04E-04	1.77E-05	4.86E-03
4319	495863.09, 3856877.25	0.0061	0.0027	0.0039	0.0073	0.0095	0.0059	0.0027	0.0027	8.30E-03	5.34E-04	2.59E-08	4.68E-05	1.94E-04	3.59E-05	9.12E-03	4.04E-03	5.34E-04	2.59E-08	2.28E-05	9.44E-05	1.75E-05	4.71E-03
4320	496363.09, 3856877.25	0.006	0.0027	0.0038	0.0069	0.0089	0.0058	0.0027	0.0027	8.14E-03	5.30E-04	2.53E-08	4.46E-05	1.82E-04	3.56E-05	8.93E-03	3.96E-03	5.30E-04	2.53E-08	2.17E-05	8.87E-05	1.73E-05	4.62E-03
4321	496863.09, 3856877.25	0.006	0.0027	0.0037	0.0067	0.0086	0.0059	0.0027	0.0027	8.13E-03	5.36E-04	2.50E-08	4.32E-05	1.75E-04	3.60E-05	8.92E-03	3.96E-03	5.36E-04	2.50E-08	2.10E-05	8.52E-05	1.75E-05	4.62E-03
4322	497363.09, 3856877.25	0.0061	0.0028	0.0037	0.0066	0.0084	0.006	0.0028	0.0028	8.29E-03	5.48E-04	2.50E-08	4.26E-05	1.71E-04	3.64E-05	9.09E-03	4.04E-03	5.48E-04	2.50E-08	2.08E-05	8.32E-05	1.77E-05	4.71E-03
4323	497863.09, 3856877.25	0.0065	0.0029	0.0038	0.0068	0.0085	0.0067	0.0029	0.0029	8.89E-03	5.73E-04	2.57E-08	4.34E-05	1.74E-04	4.11E-05	9.72E-03	4.33E-03	5.73E-04	2.57E-08	2.11E-05	8.47E-05	2.00E-05	5.03E-03
4324	498363.09, 3856877.25	0.0071	0.0031	0.004	0.007	0.0088	0.0071	0.0031	0.0031	9.61E-03	6.03E-04	2.66E-08	4.50E-05	1.80E-04	4.35E-05	1.05E-02	4.68E-03	6.03E-04	2.66E-08	2.19E-05	8.77E-05	2.12E-05	5.41E-03
4325	471363.09, 3857377.25	0.0016	0.0013	0.0007	0.0011	0.0012	0.0012	0.0013	0.0013	2.22E-03	2.46E-04	4.65E-09	7.20E-06	2.37E-05	7.53E-06	2.50E-03	1.08E-03	2.46E-04	4.65E-09	3.51E-06	1.15E-05	3.66E-06	1.35E-03
4326	471863.09, 3857377.25	0.0017	0.0013	0.0007	0.0012	0.0012	0.0013	0.0013	0.0013	2.31E-03	2.50E-04	4.71E-09	7.40E-06	2.45E-05	7.77E-06	2.60E-03	1.13E-03	2.50E-04	4.71E-09	3.60E-06	1.19E-05	3.78E-06	1.40E-03
4327	472363.09, 3857377.25	0.0018	0.0013	0.0007	0.0012	0.0012	0.0013	0.0013	0.0013	2.44E-03	2.56E-04	4.85E-09	7.72E-06	2.53E-05	8.08E-06	2.73E-03	1.19E-03	2.56E-04	4.85E-09	3.76E-06	1.23E-05	3.93E-06	1.46E-03
4328	472863.09, 3857377.25	0.0019	0.0013	0.0008	0.0012	0.0013	0.0014	0.0014	0.0013	2.56E-03	2.64E-04	5.12E-09	7.98E-06	2.63E-05	8.44E-06	2.87E-03	1.25E-03	2.64E-04	5.12E-09	3.88E-06	1.28E-05	4.11E-06	1.53E-03
4329	473363.09, 3857377.25	0.002	0.0014	0.0008	0.0013	0.0013	0.0015	0.0014	0.0014	2.71E-03	2.74E-04	5.45E-09	8.36E-06	2.73E-05	8.87E-06	3.03E-03	1.32E-03	2.74E-04	5.45E-09	4.07E-06	1.33E-05	4.32E-06	1.61E-03
4330	473863.09, 3857377.25	0.0021	0.0015	0.0009	0.0014	0.0014	0.0015	0.0015	0.0015	2.87E-03	2.88E-04	5.93E-09	8.81E-06	2.88E-05	9.42E-06	3.21E-03	1.40E-03	2.88E-04	5.93E-09	4.29E-06	1.40E-05	4.59E-06	1.71E-03
4331	474363.09, 3857377.25	0.0022	0.0014	0.0009	0.0014	0.0015	0.0016	0.0015	0.0014	3.01E-03	2.80E-04	5.86E-09	8.94E-06	2.96E-05	9.48E-06	3.34E-03	1.46E-03	2.80E-04	5.86E-09	4.35E-06	1.44E-05	4.62E-06	1.77E-03
4332	474863.09, 3857377.25	0.0022	0.0013	0.0008	0.0013	0.0015	0.0015	0.0013	0.0013	3.02E-03	2.54E-04	5.39E-09	8.56E-06	3.02E-05	8.99E-06	3.32E-03	1.47E-03	2.54E-04	5.39E-09	4.16E-06	1.47E-05	4.38E-06	1.75E-03
4333	475363.09, 3857377.25	0.002	0.0012	0.0008	0.0012	0.0015	0.0014	0.0012	0.0012	2.74E-03	2.30E-04	5.39E-09	7.98E-06	3.06E-05	8.50E-06	3.01E-03	1.33E-03	2.30E-04	5.39E-09	3.88E-06	1.49E-05	4.14E-06	1.59E-03
4334	475863.09, 3857377.25	0.002	0.0012	0.0008	0.0013	0.0016	0.0014	0.0012	0.0012	2.72E-03	2.29E-04	5.66E-09	8.10E-06	3.18E-05	8.75E-06	3.00E-03	1.33E-03	2.29E-04	5.66E-09	3.95E-06	1.55E-05	4.26E-06	1.58E-03
4335	476363.09, 3857377.25	0.0024	0.0013	0.001	0.0014	0.0017	0.0016	0.0013	0.0013	3.21E-03	2.50E-04	6.46E-09	8.94E-06	3.37E-05	9.67E-06	3.52E-03	1.56E-03	2.50E-04	6.46E-09	4.35E-06	1.64E-05	4.71E-06	1.84E-03
4336	476863.09, 3857377.25	0.0025	0.0013	0.001	0.0015	0.0017	0.0017	0.0013	0.0013	3.42E-03	2.60E-04	7.00E-09	9.39E-06	3.53E-05	1.02E-05	3.73E-03	1.66E-03	2.60E-04	7.00E-09	4.57E-06	1.72E-05	4.97E-06	1.95E-03

4337	477363.09, 3857377.25	0.0025	0.0013	0.001	0.0015	0.0018	0.0017	0.0013	0.0013	3.36E-03	2.58E-04	6.94E-09	9.46E-06	3.67E-05	1.04E-05	3.68E-03	1.64E-03	2.58E-04	6.94E-09	4.60E-06	1.79E-05	5.06E-06	1.92E-03
4338	477863.09, 3857377.25	0.0022	0.0013	0.001	0.0014	0.0019	0.0017	0.0013	0.0013	3.04E-03	2.50E-04	6.73E-09	9.13E-06	3.77E-05	1.03E-05	3.34E-03	1.48E-03	2.50E-04	6.73E-09	4.45E-06	1.84E-05	5.03E-06	1.76E-03
4339	478363.09, 3857377.25	0.0021	0.0012	0.001	0.0014	0.0018	0.0017	0.0012	0.0012	2.89E-03	2.44E-04	6.87E-09	8.94E-06	3.69E-05	1.04E-05	3.19E-03	1.40E-03	2.44E-04	6.87E-09	4.35E-06	1.80E-05	5.06E-06	1.68E-03
4340	478863.09, 3857377.25	0.0021	0.0012	0.001	0.0014	0.0018	0.0017	0.0012	0.0012	2.87E-03	2.40E-04	7.00E-09	9.13E-06	3.75E-05	1.06E-05	3.17E-03	1.40E-03	2.40E-04	7.00E-09	4.45E-06	1.83E-05	5.18E-06	1.67E-03
4341	479363.09, 3857377.25	0.0026	0.0014	0.0012	0.0016	0.0022	0.002	0.0014	0.0014	3.55E-03	2.78E-04	7.95E-09	1.05E-05	4.41E-05	1.22E-05	3.90E-03	1.73E-03	2.78E-04	7.95E-09	5.13E-06	2.14E-05	5.93E-06	2.04E-03
4342	479863.09, 3857377.25	0.0045	0.0018	0.0014	0.0023	0.0026	0.0026	0.0019	0.0018	6.18E-03	3.55E-04	9.70E-09	1.45E-05	5.20E-05	1.57E-05	6.62E-03	3.01E-03	3.55E-04	9.70E-09	7.08E-06	2.53E-05	7.65E-06	3.40E-03
4343	480363.09, 3857377.25	0.0044	0.0018	0.0015	0.0022	0.0027	0.0026	0.0018	0.0018	5.94E-03	3.49E-04	1.02E-08	1.42E-05	5.40E-05	1.58E-05	6.37E-03	2.89E-03	3.49E-04	1.02E-08	6.92E-06	2.63E-05	7.71E-06	3.28E-03
4344	480863.09, 3857377.25	0.0062	0.0027	0.0027	0.0034	0.0035	0.004	0.0027	0.0027	8.45E-03	5.32E-04	1.84E-08	2.15E-05	7.14E-05	2.47E-05	9.10E-03	4.12E-03	5.32E-04	1.84E-08	1.05E-05	3.47E-05	1.20E-05	4.70E-03
4345	481363.09, 3857377.25	0.007	0.0028	0.003	0.0037	0.0039	0.0044	0.0028	0.0028	9.52E-03	5.56E-04	1.99E-08	2.35E-05	7.95E-05	2.67E-05	1.02E-02	4.63E-03	5.56E-04	1.99E-08	1.15E-05	3.87E-05	1.30E-05	5.25E-03
4346	481863.09, 3857377.25	0.0076	0.0032	0.0039	0.004	0.0046	0.0051	0.003	0.0032	1.04E-02	6.36E-04	2.61E-08	2.59E-05	9.30E-05	3.13E-05	1.11E-02	5.04E-03	6.36E-04	2.61E-08	1.26E-05	4.53E-05	1.52E-05	5.75E-03
4347	482363.09, 3857377.25	0.0081	0.0039	0.0042	0.0043	0.0053	0.0063	0.0032	0.0039	1.10E-02	7.62E-04	2.81E-08	2.78E-05	1.07E-04	3.84E-05	1.19E-02	5.34E-03	7.62E-04	2.81E-08	1.35E-05	5.22E-05	1.87E-05	6.19E-03
4348	482863.09, 3857377.25	0.0092	0.0043	0.0047	0.0046	0.006	0.0072	0.0034	0.0043	1.26E-02	8.47E-04	3.14E-08	2.98E-05	1.22E-04	4.39E-05	1.36E-02	6.12E-03	8.47E-04	3.14E-08	1.45E-05	5.95E-05	2.14E-05	7.06E-03
4349	483363.09, 3857377.25	0.0109	0.0048	0.0053	0.0051	0.0071	0.0083	0.0036	0.0048	1.49E-02	9.46E-04	3.54E-08	3.25E-05	1.44E-04	5.07E-05	1.60E-02	7.23E-03	9.46E-04	3.54E-08	1.58E-05	7.01E-05	2.47E-05	8.29E-03
4350	483863.09, 3857377.25	0.0132	0.0056	0.0066	0.0056	0.0086	0.0099	0.0039	0.0056	1.79E-02	1.10E-03	4.45E-08	3.59E-05	1.76E-04	6.07E-05	1.93E-02	8.73E-03	1.10E-03	4.45E-08	1.75E-05	8.55E-05	2.95E-05	9.96E-03
4351	484363.09, 3857377.25	0.0171	0.0067	0.0062	0.0063	0.0109	0.0128	0.0044	0.0067	2.32E-02	1.33E-03	4.20E-08	4.02E-05	2.21E-04	7.82E-05	2.49E-02	1.13E-02	1.33E-03	4.20E-08	1.96E-05	1.08E-04	3.81E-05	1.28E-02
4352	484863.09, 3857377.25	0.0231	0.0089	0.0062	0.0072	0.0143	0.019	0.005	0.0089	3.15E-02	1.75E-03	4.15E-08	4.61E-05	2.92E-04	1.16E-04	3.37E-02	1.53E-02	1.75E-03	4.15E-08	2.24E-05	1.42E-04	5.66E-05	1.73E-02
4353	485363.09, 3857377.25	0.0411	0.0132	0.008	0.0085	0.0199	0.0505	0.0059	0.0132	5.59E-02	2.60E-03	5.37E-08	5.49E-05	4.05E-04	3.09E-04	5.93E-02	2.72E-02	2.60E-03	5.37E-08	2.67E-05	1.97E-04	1.50E-04	3.02E-02
4354	485863.09, 3857377.25	0.1073	0.0314	0.0097	0.0105	0.0294	0.0878	0.0073	0.0314	1.46E-01	6.18E-03	6.51E-08	6.77E-05	6.00E-04	5.37E-04	1.54E-01	7.11E-02	6.18E-03	6.51E-08	3.30E-05	2.92E-04	2.61E-04	7.79E-02
4355	486363.09, 3857377.25	0.127	0.1137	0.0109	0.0146	0.0515	0.0403	0.0109	0.1137	1.73E-01	2.24E-02	7.33E-08	9.41E-05	1.05E-03	2.47E-04	1.97E-01	8.42E-02	2.24E-02	7.33E-08	4.58E-05	5.11E-04	1.20E-04	1.07E-01
4356	486863.09, 3857377.25	0.1371	0.0313	0.012	0.0246	0.1136	0.0346	0.0251	0.0313	1.87E-01	6.16E-03	8.11E-08	1.58E-04	2.32E-03	2.11E-04	1.95E-01	9.08E-02	6.16E-03	8.11E-08	7.70E-05	1.13E-03	1.03E-04	9.83E-02
4357	487363.09, 3857377.25	0.1318	0.0222	0.013	0.0964	0.3169	0.1022	0.1522	0.0222	1.79E-01	4.38E-03	8.75E-08	6.20E-04	6.46E-03	6.25E-04	1.92E-01	8.74E-02	4.38E-03	8.75E-08	3.02E-04	3.15E-03	3.04E-04	9.55E-02
4358	487863.09, 3857377.25	0.0618	0.0181	0.0149	0.1205	2.3794	0.0743	0.0374	0.0181	8.41E-02	3.56E-03	1.00E-07	7.75E-04	4.85E-02	4.55E-04	1.37E-01	4.09E-02	3.56E-03	1.00E-07	3.77E-04	2.36E-02	2.21E-04	6.87E-02
4359	488363.09, 3857377.25	0.0433	0.0153	0.0179	0.0531	1.0355	0.0428	0.0225	0.0153	5.89E-02	3.00E-03	1.21E-07	3.41E-04	2.11E-02	2.62E-04	8.36E-02	2.87E-02	3.00E-03	1.21E-07	1.66E-04	1.03E-02	1.28E-04	4.23E-02
4360	488863.09, 3857377.25	0.0347	0.0133	0.019	0.0374	0.3842	0.0339	0.0166	0.0133	4.72E-02	2.62E-03	1.28E-07	2.40E-04	7.83E-03	2.07E-04	5.81E-02	2.30E-02	2.62E-03	1.28E-07	1.17E-04	3.81E-03	1.01E-04	2.96E-02
4361	489363.09, 3857377.25	0.0298	0.0118	0.02	0.0304	0.2146	0.0289	0.0135	0.0118	4.06E-02	2.32E-03	1.35E-07	1.96E-04	4.38E-03	1.77E-04	4.76E-02	1.97E-02	2.32E-03	1.35E-07	9.52E-05	2.13E-03	8.61E-05	2.44E-02
4362	489863.09, 3857377.25	0.0268	0.0105	0.0175	0.0277	0.1419	0.0251	0.0115	0.0105	3.64E-02	2.06E-03	1.18E-07	1.78E-04	2.89E-03	1.53E-04	4.17E-02	1.77E-02	2.06E-03	1.18E-07	8.66E-05	1.41E-03	7.47E-05	2.14E-02
4363	490363.09, 3857377.25	0.0246	0.0094	0.0156	0.0276	0.1016	0.0222	0.0101	0.0094	3.35E-02	1.86E-03	1.05E-07	1.78E-04	2.07E-03	1.36E-04	3.78E-02	1.63E-02	1.86E-03	1.05E-07	8.65E-05	1.01E-03	6.61E-05	1.93E-02
4364	490863.09, 3857377.25	0.0228	0.0086	0.0137	0.0327	0.0768	0.02	0.009	0.0086	3.10E-02	1.69E-03	9.22E-08	2.10E-04	1.57E-03	1.22E-04	3.46E-02	1.51E-02	1.69E-03	9.22E-08	1.02E-04	7.62E-04	5.95E-05	1.77E-02
4365	491363.09, 3857377.25	0.0211	0.0079	0.0123	0.0776	0.0603	0.0182	0.0081	0.0079	2.87E-02	1.55E-03	8.30E-08	4.99E-04	1.23E-03	1.11E-04	3.21E-02	1.40E-02	1.55E-03	8.30E-08	2.43E-04	5.98E-04	5.43E-05	1.64E-02
4366	491863.09, 3857377.25	0.0199	0.007	0.0109	0.1085	0.0484	0.0162	0.0073	0.007	2.70E-02	1.37E-03	7.34E-08	6.98E-04	9.87E-04	9.89E-05	3.02E-02	1.32E-02	1.37E-03	7.34E-08	3.40E-04	4.80E-04	4.81E-05	1.54E-02
4367	492363.09, 3857377.25	0.0184	0.0055	0.0084	0.0377	0.035	0.0129	0.0059	0.0055	2.51E-02	1.09E-03	5.63E-08	2.42E-04	7.13E-04	7.92E-05	2.72E-02	1.22E-02	1.09E-03	5.63E-08	1.18E-04	3.47E-04	3.85E-05	1.38E-02
4368	492863.09, 3857377.25	0.0152	0.0046	0.007	0.0228	0.0238	0.0106	0.0048	0.0046	2.06E-02	9.02E-04	4.70E-08	1.46E-04	4.84E-04	6.50E-05	2.22E-02	1.00E-02	9.02E-04	4.70E-08	7.13E-05	2.36E-04	3.17E-05	1.13E-02
4369	493363.09, 3857377.25	0.0112	0.0039	0.0058	0.016	0.0172	0.009	0.004	0.0039	1.53E-02	7.70E-04	3.93E-08	1.03E-04	3.51E-04	5.49E-05	1.65E-02	7.43E-03	7.70E-04	3.93E-08	5.02E-05	1.71E-04	2.67E-05	8.45E-03
4370	493863.09, 3857377.25	0.0096	0.0036	0.0054	0.0131	0.0142	0.0083	0.0036	0.0036	1.30E-02	7.13E-04	3.66E-08	8.41E-05	2.90E-04	5.08E-05	1.42E-02	6.35E-03	7.13E-04	3.66E-08	4.09E-05	1.41E-04	2.47E-05	7.27E-03
4371	494363.09, 3857377.25	0.0082	0.0033	0.005	0.0109	0.0119	0.0076	0.0033	0.0033	1.11E-02	6.58E-04	3.37E-08	6.99E-05	2.42E-04	4.67E-05	1.22E-02	5.42E-03	6.58E-04	3.37E-08	3.40E-05	1.18E-04	2.28E-05	6.25E-03
4372	494863.09, 3857377.25	0.0075	0.0032	0.0047	0.0096	0.0105	0.0074	0.0032	0.0032	1.02E-02	6.28E-04	3.18E-08	6.17E-05	2.14E-04	4.50E-05	1.11E-02	4.94E-03	6.28E-04	3.18E-08	3.00E-05	1.04E-04	2.19E-05	5.73E-03
4373	495363.09, 3857377.25	0.0069	0.0031	0.0044	0.0087	0.0094	0.0072	0.003	0.0031	9.43E-03	6.05E-04	2.96E-08	5.56E-05	1.92E-04	4.42E-05	1.03E-02	4.59E-03	6.05E-04	2.96E-08	2.71E-05	9.36E-05	2.15E-05	5.34E-03
4374	495863.09, 3857377.25	0.0067	0.003	0.0043	0.0081	0.0088	0.0075	0.003	0.003	9.11E-03	5.95E-04	2.86E-08	5.20E-05	1.79E-04	4.56E-05	9.98E-03	4.43E-03	5.95E-04	2.86E-08	2.53E-05	8.71E-05	2.22E-05	5.16E-03
4375	496363.09, 3857377.25	0.0065	0.003	0.0041	0.0077	0.0083	0.0079	0.003	0.003	8.89E-03	5.89E-04	2.76E-08	4.93E-05	1.69E-04	4.83E-05	9.75E-03	4.33E-03	5.89E-04	2.76E-08	2.40E-05	8.21E-05	2.35E-05	5.05E-03
4376	496863.09, 3857377.25	0.0064	0.003	0.004	0.0073	0.0079	0.0083	0.003	0.003	8.77E-03	5.87E-04	2.71E-08	4.72E-05	1.61E-04	5.09E-05	9.61E-03	4.27E-03	5.87E-04	2.71E-08	2.30E-05	7.84E-05	2.48E-05	4.98E-03
4377	497363.09, 3857377.25	0.0066	0.003	0.004	0.0072	0.0077	0.0089	0.003	0.003	8.97E-03	5.95E-04	2.69E-08	4.64E-05	1.58E-04	5.41E-05	9.83E-03	4.37E-03	5.95E-04	2.69E-08	2.26E-05	7.67E-05	2.64E-05	5.09E-03
4378	497863.09, 3857377.25	0.0069	0.0031	0.0041	0.0072	0.0078	0.0104	0.0031	0.0031	9.39E-03	6.13E-04	2.73E-08	4.64E-05	1.59E-04	6.38E-05	1.03E-02	4.57E-03	6.13E-04	2.73E-08	2.26E-05	7.76E-05	3.10E-05	5.32E-03
4379	498363.09, 3857377.25	0.0078	0.0034	0.0043	0.0078	0.0085	0.0113	0.0034	0.0034	1.06E-02	6.66E-04	2.91E-08	5.00E-05	1.72E-04	6.89E-05	1.15E-02	5.16E-03	6.66E-04	2.91E-08	2.44E-05	8.39E-05	3.35E-05	5.96E-03
4380	471363.09, 3857877.25	0.0016	0.0012	0.0007	0.0011	0.0011	0.0012	0.0012	0.0012	2.22E-03	2.38E-04	4.51E-09	7.08E-06	2.33E-05	7.40E-06	2.50E-03	1.08E-03	2.38E-04	4.51E-09	3.44E-06	1.13E-05	3.60E-06	1.34E-03
4381	471863.09, 3857877.25	0.0017	0.0012	0.0007	0.0011	0.0012	0.0013	0.0013	0.0012	2.31E-03	2.42E-04	4.71E-09	7.33E-06	2.41E-05	7.65E-06	2.60E-03	1.13E-03	2.42E-04	4.71E-09	3.57E-06	1.17E-05	3.72E-06	1.39E-03
4382	472363.09, 3857877.25	0.0018	0.0013	0.0007	0.0012	0.0012	0.0013	0.0013	0.0013	2.42E-03	2.48E-04	4.92E-09	7.59E-06	2.51E-05	8.02E-06	2.71E-03	1.18E-03	2.48E-04	4.92E-09	3.69E-06	1.22E-05	3.90E-06	1.45E-03
4383	472863.09, 3857877.25	0.0019	0.0013	0.0008	0.0012	0.0013	0.0014	0.0013	0.0013	2.55E-03	2.58E-04	5.25E-09	7.98E-06	2.63E-05	8.44E-06	2.85E-03	1.24E-03	2.58E-04	5.25E-09	3.88E-06	1.28E-05	4.11E-06	1.52E-03
4384	473363.09, 3857877.25	0.002	0.0013	0.0008	0.0013	0.0013	0.0014	0.0014	0.0013	2.68E-03	2.64E-04	5.52E-09	8.30E-06	2.73E-05	8.81E-06	2.99E-03	1.31E-03	2.64E-04	5.52E-09	4.04E-06	1.33E-05	4.29E-06	1.59E-03
4385	473863.09, 3857877.25	0.0021	0.0014	0.0009	0.0014	0.0014	0.0015	0.0014	0.0014	2.83E-03	2.76E-04	5.93E-09	8.75E-06	2.90E-05	9.36E-06	3.15E-03	1.38E-03	2.76E-04	5.93E-09	4.26E-06	1.41E-05	4.56E-06	1.68E-03
4386	474363.09, 3857877.25	0.0022	0.0013	0.0009	0.0014	0.0015	0.0015	0.0014	0.0013	2.95E-03	2.64E-04	5.86E-09	8.81E-06	2.96E-05	9.24E-06	3.27E-03	1.44E-03	2.64E-04	5.86E-09	4.29E-06	1.44E-05	4.50E-06	1.73E-03
4387	474863.09, 3857877.25	0.0021	0.0012	0.0008	0.0013	0.0014	0.0014	0.0013	0.0012	2.89E-03	2.38E-04	5.66E-09	8.36E-06	2.94E-05	8.63E-06	3.17E-03	1.40E-03	2.38E-04	5.66E-09	4.07E-06	1.43E-05	4.20E-06	1.67E-03
4388	475363.09, 3857877.25	0.0017	0.001	0.0008	0.0011	0.0014	0.0013	0.001	0.001	2.33E-03	2.03E-04	5.25E-09	7.33E-06	2.83E-05	7.77E-06	2.57E-03	1.13E-03	2.03E-04	5.25E-09	3.57E-06	1.38E-05	3.78E-06	1.36E-03
4389	475863.09, 3857877.25	0.0013	0.0009	0.0007	0.001	0.0012	0.0011	0.0009	0.0009	1.81E-03	1.71E-04	4.51E-09	6.30E-06	2.47E-05	6.98E-06	2.02E-03	8.81E-04	1.71E-04	4.51E-09	3.07E-06	1.20E-05	3.40E-06	1.07E-03
4390	476363.09, 3857877.25	0.0019	0.0011	0.0008	0.0013	0.0015	0.0014	0.0011	0.0011	2.64E-03	2.15E-04	5.66E-09	8.10E-06	3.08E-05	8.69E-06	2.90E-03	1.29E-03	2.15E-04	5.66E-09	3.95E-06	1.50E-05	4.23E-06	1.52E-03
4391	476863.09, 3857877.25	0.0022	0.0012	0.0009	0.0014	0.0016	0.0016	0.0012	0.0012	3.05E-03	2.32E-04	6.26E-09	8.88E-06	3.30E-05	9.48E-06	3.33E-03	1.48E-03	2.32E-04	6.26E-09	4.32E-06	1.61E-05	4.62E-06	1.74E-03
4392	477363.09, 3857877.25	0.0023	0.0012	0.001	0.0014	0.0017	0.0016	0.0012	0.0012	3.14E-03	2.38E-04	6.53E-09	9.13E-06	3.41E-05	9.85E-06	3.44E-03	1.53E-03	2.38E-04	6.53E-09	4.45E-06	1.66E-05	4.79E-06	1.80E-03
4393	477863.09, 3857877.25	0.0023	0.0012	0.001	0.0015	0.0017	0.0017	0.0012	0.0012	3.17E-03	2.42E-04	6.87E-09	9.33E-06	3.49E-05	1.02E-05	3.47E-03	1.54E-03	2.42E-04	6.87E-09	4.54E-06	1.70E-05	4.97E-06	1.81E-03
4394	478363.09, 3857877.25	0.0019	0.0011	0.0009	0.0013	0.0016	0.0016	0.0011	0.0011	2.56E-03	2.23E-04	6.26E-09	8.43E-06	3.20E-05	9.61E-06	2.83E-03	1.25E-03	2.23E-04	6.26E-09	4.10E-06	1.56E-05	4.68E-06	1.49E-03
4395	478863.09, 3857877.25	0.0019	0.0011	0.0009	0.0013	0.0015	0.0016	0.0011	0.0011	2.53E-03	2.19E-04	6.13E-09	8.30E-06	3.12E-05	9.54E-06	2.80E-03	1.23E-03	2.19E-04	6.13E-09	4.04E-06	1.52E-05	4.65E-06	1.48E-03
4396	479363.09, 3857877.25	0.004	0.0017	0.0013	0.0021	0.0024	0.0023	0.0017	0.0017	5.38E-03	3.25E-04	8.96E-09	1.33E-05	4.87E-05	1.40E-05	5.78E-03	2.62E-03	3.25E-04	8.96E-09	6.45E-06	2.37E-05	6.82E-06	2.98E-03
4397	479863.09, 3857877.25	0.0048	0.0021	0.0019	0.0026	0.0032	0.0029	0.0022	0.0021	6.51E-03	4.12E-04	1.27E-08	1.67E-05	6.55E-05	1.79E-05	7.02E-03	3.17E-03	4.12E-04	1.27E-08	8.11E-06	3.19E-05	8.73E-06	3.63E-03
4398	480363.09, 3857877.25	0.0051	0.0024	0.0023	0.0029	0.0037	0.0034	0.0024	0.0024	6.94E-03	4.69E-04	1.52E-08	1.83E-05	7.55E-05	2.07E-05	7.53E-03	3.38E-03	4.69E-04	1.52E-08	8.92E-06	3.67E-05	1.01E-05	3.90E-03

4399	480863.09, 3857877.25	0.0056	0.0025	0.0023	0.0031	0.0042	0.0038	0.0025	0.0025	7.58E-03	4.94E-04	1.52E-08	1.99E-05	8.48E-05	2.29E-05	8.21E-03	3.69E-03	4.94E-04	1.52E-08	9.71E-06	4.13E-05	1.12E-05	4.25E-03
4400	481363.09, 3857877.25	0.0061	0.0027	0.0027	0.0034	0.0048	0.0041	0.0026	0.0027	8.30E-03	5.22E-04	1.78E-08	2.17E-05	9.71E-05	2.50E-05	8.97E-03	4.04E-03	5.22E-04	1.78E-08	1.06E-05	4.73E-05	1.22E-05	4.63E-03
4401	481863.09, 3857877.25	0.0066	0.0029	0.0029	0.0037	0.0056	0.0046	0.0028	0.0029	8.94E-03	5.69E-04	1.95E-08	2.36E-05	1.13E-04	2.80E-05	9.68E-03	4.35E-03	5.69E-04	1.95E-08	1.15E-05	5.52E-05	1.36E-05	5.00E-03
4402	482363.09, 3857877.25	0.0069	0.0034	0.0034	0.004	0.0065	0.0055	0.003	0.0034	9.37E-03	6.62E-04	2.26E-08	2.60E-05	1.32E-04	3.33E-05	1.02E-02	4.56E-03	6.62E-04	2.26E-08	1.26E-05	6.44E-05	1.62E-05	5.31E-03
4403	482863.09, 3857877.25	0.0072	0.0038	0.0038	0.0043	0.0072	0.0064	0.0031	0.0038	9.80E-03	7.45E-04	2.59E-08	2.79E-05	1.47E-04	3.94E-05	1.08E-02	4.77E-03	7.45E-04	2.59E-08	1.36E-05	7.14E-05	1.92E-05	5.62E-03
4404	483363.09, 3857877.25	0.0078	0.0041	0.0044	0.0047	0.0084	0.0074	0.0033	0.0041	1.07E-02	8.14E-04	2.96E-08	3.05E-05	1.72E-04	4.53E-05	1.17E-02	5.20E-03	8.14E-04	2.96E-08	1.48E-05	8.37E-05	2.20E-05	6.13E-03
4405	483863.09, 3857877.25	0.0086	0.0046	0.0044	0.0052	0.01	0.0087	0.0036	0.0046	1.17E-02	9.12E-04	2.95E-08	3.34E-05	2.04E-04	5.29E-05	1.29E-02	5.70E-03	9.12E-04	2.95E-08	1.62E-05	9.91E-05	2.58E-05	6.75E-03
4406	484363.09, 3857877.25	0.0102	0.0053	0.0044	0.0057	0.0119	0.0106	0.0039	0.0053	1.39E-02	1.04E-03	2.99E-08	3.68E-05	2.42E-04	6.47E-05	1.52E-02	6.75E-03	1.04E-03	2.99E-08	1.79E-05	1.18E-04	3.15E-05	7.95E-03
4407	484863.09, 3857877.25	0.0127	0.0064	0.0048	0.0064	0.0144	0.014	0.0044	0.0064	1.73E-02	1.26E-03	3.21E-08	4.11E-05	2.93E-04	8.58E-05	1.90E-02	8.44E-03	1.26E-03	3.21E-08	2.00E-05	1.43E-04	4.18E-05	9.91E-03
4408	485363.09, 3857877.25	0.0172	0.0082	0.0061	0.0074	0.018	0.0213	0.005	0.0082	2.33E-02	1.61E-03	4.09E-08	4.73E-05	3.67E-04	1.30E-04	2.55E-02	1.14E-02	1.61E-03	4.09E-08	2.30E-05	1.79E-04	6.35E-05	1.32E-02
4409	485863.09, 3857877.25	0.0409	0.0115	0.0086	0.0088	0.0235	0.0521	0.0059	0.0115	5.56E-02	2.26E-03	5.76E-08	5.65E-05	4.80E-04	3.19E-04	5.87E-02	2.71E-02	2.26E-03	5.76E-08	2.75E-05	2.34E-04	1.55E-04	2.97E-02
4410	486363.09, 3857877.25	0.1052	0.021	0.0154	0.011	0.0319	0.2965	0.0073	0.021	1.43E-01	4.14E-03	1.04E-07	7.04E-05	6.51E-04	1.81E-03	1.50E-01	6.97E-02	4.14E-03	1.04E-07	3.43E-05	3.17E-04	8.83E-04	7.51E-02
4411	486863.09, 3857877.25	0.1239	0.1699	0.0508	0.0147	0.0444	0.0939	0.0105	0.1699	1.69E-01	3.35E-02	3.42E-07	9.44E-05	9.05E-04	5.75E-04	2.04E-01	8.21E-02	3.35E-02	3.42E-07	4.59E-05	4.41E-04	2.80E-04	1.16E-01
4412	487363.09, 3857877.25	0.1328	0.0694	0.1159	0.024	0.0607	0.0658	0.0228	0.0694	1.81E-01	1.37E-02	7.80E-07	1.54E-04	1.24E-03	4.02E-04	1.96E-01	8.80E-02	1.37E-02	7.80E-07	7.50E-05	6.03E-04	1.96E-04	1.03E-01
4413	487863.09, 3857877.25	0.1322	0.0338	0.136	0.077	0.0806	0.1271	0.1812	0.0338	1.80E-01	6.65E-03	9.16E-07	4.95E-04	1.64E-03	7.78E-04	1.89E-01	8.76E-02	6.65E-03	9.16E-07	2.41E-04	8.00E-04	3.79E-04	9.57E-02
4414	488363.09, 3857877.25	0.0661	0.0239	0.0737	0.1421	0.1199	0.1233	0.039	0.0239	9.00E-02	4.71E-03	4.96E-07	9.14E-04	2.45E-03	7.54E-04	9.88E-02	4.38E-02	4.71E-03	4.96E-07	4.45E-04	1.19E-03	3.67E-04	5.05E-02
4415	488863.09, 3857877.25	0.0469	0.0189	0.0454	0.062	0.1036	0.0604	0.0232	0.0189	6.38E-02	3.72E-03	3.06E-07	3.99E-04	2.11E-03	3.70E-04	7.04E-02	3.11E-02	3.72E-03	3.06E-07	1.94E-04	1.03E-03	1.80E-04	3.62E-02
4416	489363.09, 3857877.25	0.0471	0.0155	0.0318	0.0472	0.0876	0.0425	0.017	0.0155	6.41E-02	3.04E-03	2.14E-07	3.04E-04	1.79E-03	2.60E-04	6.95E-02	3.12E-02	3.04E-03	2.14E-07	1.48E-04	8.70E-04	1.27E-04	3.54E-02
4417	489863.09, 3857877.25	0.0469	0.0131	0.0226	0.0443	0.0747	0.0333	0.0136	0.0131	6.39E-02	2.58E-03	1.52E-07	2.85E-04	1.52E-03	2.04E-04	6.85E-02	3.11E-02	2.58E-03	1.52E-07	1.39E-04	7.42E-04	9.91E-05	3.46E-02
4418	490363.09, 3857877.25	0.0324	0.0115	0.0177	0.048	0.0626	0.0279	0.0116	0.0115	4.41E-02	2.27E-03	1.19E-07	3.09E-04	1.28E-03	1.71E-04	4.81E-02	2.15E-02	2.27E-03	1.19E-07	1.50E-04	6.21E-04	8.31E-05	2.46E-02
4419	490863.09, 3857877.25	0.0258	0.0103	0.0148	0.0639	0.0526	0.0241	0.0102	0.0103	3.51E-02	2.03E-03	9.95E-08	4.11E-04	1.07E-03	1.48E-04	3.87E-02	1.71E-02	2.03E-03	9.95E-08	2.00E-04	5.22E-04	7.19E-05	1.99E-02
4420	491363.09, 3857877.25	0.0232	0.0089	0.0129	0.3253	0.0443	0.0204	0.0088	0.0089	3.16E-02	1.75E-03	8.68E-08	2.09E-03	9.03E-04	1.25E-04	3.65E-02	1.54E-02	1.75E-03	8.68E-08	1.02E-03	4.39E-04	6.07E-05	1.86E-02
4421	491863.09, 3857877.25	0.0215	0.0075	0.0106	0.0629	0.0362	0.017	0.0075	0.0075	2.92E-02	1.47E-03	7.15E-08	4.04E-04	7.38E-04	1.04E-04	3.19E-02	1.42E-02	1.47E-03	7.15E-08	1.97E-04	3.59E-04	5.07E-05	1.63E-02
4422	492363.09, 3857877.25	0.0188	0.0058	0.0086	0.0311	0.0248	0.0133	0.0059	0.0058	2.56E-02	1.15E-03	5.78E-08	2.00E-04	5.06E-04	8.14E-05	2.76E-02	1.25E-02	1.15E-03	5.78E-08	9.72E-05	2.46E-04	3.96E-05	1.40E-02
4423	492863.09, 3857877.25	0.0142	0.0048	0.0071	0.0204	0.0171	0.011	0.0048	0.0048	1.94E-02	9.42E-04	4.81E-08	1.31E-04	3.49E-04	6.70E-05	2.09E-02	9.43E-03	9.42E-04	4.81E-08	6.37E-05	1.70E-04	3.26E-05	1.06E-02
4424	493363.09, 3857877.25	0.0119	0.0043	0.0066	0.016	0.014	0.01	0.0043	0.0043	1.61E-02	8.47E-04	4.44E-08	1.03E-04	2.85E-04	6.11E-05	1.74E-02	7.85E-03	8.47E-04	4.44E-08	5.00E-05	1.39E-04	2.97E-05	8.92E-03
4425	493863.09, 3857877.25	0.0106	0.004	0.0061	0.0135	0.0123	0.0095	0.004	0.004	1.44E-02	7.94E-04	4.11E-08	8.67E-05	2.50E-04	5.82E-05	1.56E-02	7.01E-03	7.94E-04	4.11E-08	4.22E-05	1.22E-04	2.84E-05	8.00E-03
4426	494363.09, 3857877.25	0.0097	0.0038	0.0056	0.0118	0.0109	0.0093	0.0038	0.0038	1.32E-02	7.56E-04	3.77E-08	7.57E-05	2.22E-04	5.68E-05	1.43E-02	6.40E-03	7.56E-04	3.77E-08	3.69E-05	1.08E-04	2.77E-05	7.33E-03
4427	494863.09, 3857877.25	0.0084	0.0036	0.0052	0.0102	0.0094	0.009	0.0035	0.0036	1.14E-02	7.07E-04	3.47E-08	6.55E-05	1.92E-04	5.48E-05	1.25E-02	5.57E-03	7.07E-04	3.47E-08	3.19E-05	9.35E-05	2.67E-05	6.43E-03
4428	495363.09, 3857877.25	0.0079	0.0035	0.0049	0.0093	0.0086	0.0093	0.0034	0.0035	1.07E-02	6.84E-04	3.30E-08	5.98E-05	1.76E-04	5.68E-05	1.17E-02	5.22E-03	6.84E-04	3.30E-08	2.91E-05	8.57E-05	2.77E-05	6.05E-03
4429	495863.09, 3857877.25	0.0074	0.0034	0.0047	0.0086	0.008	0.0105	0.0033	0.0034	1.01E-02	6.64E-04	3.13E-08	5.51E-05	1.63E-04	6.39E-05	1.10E-02	4.92E-03	6.64E-04	3.13E-08	2.68E-05	7.94E-05	3.11E-05	5.72E-03
4430	496363.09, 3857877.25	0.0073	0.0033	0.0045	0.0082	0.0077	0.0156	0.0033	0.0033	9.97E-03	6.58E-04	3.01E-08	5.27E-05	1.57E-04	9.56E-05	1.09E-02	4.85E-03	6.58E-04	3.01E-08	2.56E-05	7.63E-05	4.65E-05	5.66E-03
4431	496863.09, 3857877.25	0.0072	0.0033	0.0044	0.0079	0.0074	0.0807	0.0033	0.0033	9.84E-03	6.56E-04	2.94E-08	5.05E-05	1.52E-04	4.94E-04	1.12E-02	4.79E-03	6.56E-04	2.94E-08	2.46E-05	7.38E-05	2.40E-04	5.79E-03
4432	497363.09, 3857877.25	0.007	0.0033	0.0042	0.0075	0.0071	0.1487	0.0033	0.0033	9.58E-03	6.48E-04	2.83E-08	4.82E-05	1.45E-04	9.10E-04	1.13E-02	4.67E-03	6.48E-04	2.83E-08	2.35E-05	7.06E-05	4.43E-04	5.85E-03
4433	497863.09, 3857877.25	0.0076	0.0035	0.0043	0.0077	0.0075	0.0279	0.0035	0.0035	1.04E-02	6.82E-04	2.90E-08	4.97E-05	1.54E-04	1.70E-04	1.14E-02	5.05E-03	6.82E-04	2.90E-08	2.42E-05	7.49E-05	8.29E-05	5.91E-03
4434	498363.09, 3857877.25	0.0081	0.0036	0.0044	0.008	0.008	0.018	0.0037	0.0036	1.10E-02	7.13E-04	2.94E-08	5.16E-05	1.62E-04	1.10E-04	1.20E-02	5.35E-03	7.13E-04	2.94E-08	2.51E-05	7.89E-05	5.36E-05	6.22E-03
4435	471363.09, 3858377.25	0.0016	0.0012	0.0007	0.0011	0.0013	0.0012	0.0012	0.0012	2.21E-03	2.34E-04	4.65E-09	7.08E-06	2.57E-05	7.40E-06	2.48E-03	1.07E-03	2.34E-04	4.65E-09	3.44E-06	1.25E-05	3.60E-06	1.33E-03
4436	471863.09, 3858377.25	0.0017	0.0012	0.0007	0.0011	0.0013	0.0013	0.0012	0.0012	2.29E-03	2.38E-04	4.78E-09	7.33E-06	2.69E-05	7.65E-06	2.57E-03	1.11E-03	2.38E-04	4.78E-09	3.57E-06	1.31E-05	3.72E-06	1.37E-03
4437	472363.09, 3858377.25	0.0018	0.0012	0.0007	0.0012	0.0014	0.0013	0.0013	0.0012	2.40E-03	2.42E-04	4.98E-09	7.59E-06	2.81E-05	7.95E-06	2.68E-03	1.17E-03	2.42E-04	4.98E-09	3.69E-06	1.37E-05	3.87E-06	1.43E-03
4438	472863.09, 3858377.25	0.0018	0.0013	0.0008	0.0012	0.0015	0.0014	0.0013	0.0013	2.51E-03	2.48E-04	5.25E-09	7.91E-06	2.96E-05	8.38E-06	2.80E-03	1.22E-03	2.48E-04	5.25E-09	3.85E-06	1.44E-05	4.08E-06	1.49E-03
4439	473363.09, 3858377.25	0.002	0.0013	0.0009	0.0013	0.0016	0.0015	0.0013	0.0013	2.65E-03	2.62E-04	5.86E-09	8.43E-06	3.16E-05	8.93E-06	2.97E-03	1.29E-03	2.62E-04	5.86E-09	4.10E-06	1.54E-05	4.35E-06	1.58E-03
4440	473863.09, 3858377.25	0.002	0.0013	0.0009	0.0014	0.0016	0.0015	0.0014	0.0013	2.78E-03	2.62E-04	5.99E-09	8.68E-06	3.28E-05	9.12E-06	3.09E-03	1.35E-03	2.62E-04	5.99E-09	4.23E-06	1.60E-05	4.44E-06	1.64E-03
4441	474363.09, 3858377.25	0.0021	0.0013	0.0009	0.0013	0.0016	0.0015	0.0013	0.0013	2.86E-03	2.46E-04	5.79E-09	8.62E-06	3.26E-05	8.87E-06	3.16E-03	1.39E-03	2.46E-04	5.79E-09	4.20E-06	1.59E-05	4.32E-06	1.66E-03
4442	474863.09, 3858377.25	0.0021	0.0012	0.0008	0.0013	0.0015	0.0014	0.0012	0.0012	2.85E-03	2.30E-04	5.45E-09	8.43E-06	3.06E-05	8.57E-06	3.12E-03	1.39E-03	2.30E-04	5.45E-09	4.10E-06	1.49E-05	4.17E-06	1.64E-03
4443	475363.09, 3858377.25	0.0019	0.001	0.0008	0.0012	0.0013	0.0013	0.0011	0.001	2.53E-03	2.05E-04	5.19E-09	7.78E-06	2.67E-05	8.02E-06	2.78E-03	1.23E-03	2.05E-04	5.19E-09	3.79E-06	1.30E-05	3.90E-06	1.46E-03
4444	475863.09, 3858377.25	0.0016	0.001	0.0008	0.0011	0.0012	0.0013	0.001	0.001	2.23E-03	1.91E-04	5.05E-09	7.33E-06	2.49E-05	7.77E-06	2.46E-03	1.09E-03	1.91E-04	5.05E-09	3.57E-06	1.21E-05	3.78E-06	1.30E-03
4445	476363.09, 3858377.25	0.0018	0.001	0.0008	0.0012	0.0013	0.0013	0.001	0.001	2.40E-03	1.97E-04	5.39E-09	7.72E-06	2.57E-05	8.20E-06	2.63E-03	1.17E-03	1.97E-04	5.39E-09	3.76E-06	1.25E-05	3.99E-06	1.38E-03
4446	476863.09, 3858377.25	0.0019	0.001	0.0009	0.0013	0.0013	0.0014	0.0011	0.001	2.57E-03	2.05E-04	5.72E-09	8.17E-06	2.69E-05	8.69E-06	2.82E-03	1.25E-03	2.05E-04	5.72E-09	3.98E-06	1.31E-05	4.23E-06	1.48E-03
4447	477363.09, 3858377.25	0.0019	0.0011	0.0009	0.0013	0.0013	0.0015	0.0011	0.0011	2.60E-03	2.09E-04	5.93E-09	8.30E-06	2.71E-05	8.99E-06	2.85E-03	1.27E-03	2.09E-04	5.93E-09	4.04E-06	1.32E-05	4.38E-06	1.50E-03
4448	477863.09, 3858377.25	0.0023	0.0012	0.001	0.0015	0.0015	0.0016	0.0012	0.0012	3.12E-03	2.29E-04	6.60E-09	9.39E-06	3.06E-05	9.91E-06	3.40E-03	1.52E-03	2.29E-04	6.60E-09	4.57E-06	1.49E-05	4.82E-06	1.77E-03
4449	478363.09, 3858377.25	0.0025	0.0012	0.001	0.0015	0.0016	0.0017	0.0012	0.0012	3.35E-03	2.40E-04	6.80E-09	9.91E-06	3.24E-05	1.05E-05	3.64E-03	1.63E-03	2.40E-04	6.80E-09	4.82E-06	1.58E-05	5.09E-06	1.90E-03
4450	478863.09, 3858377.25	0.0021	0.0012	0.001	0.0014	0.0014	0.0017	0.0012	0.0012	2.82E-03	2.29E-04	6.53E-09	9.13E-06	2.90E-05	1.01E-05	3.09E-03	1.37E-03	2.29E-04	6.53E-09	4.45E-06	1.41E-05	4.91E-06	1.62E-03
4451	479363.09, 3858377.25	0.0037	0.0016	0.0013	0.002	0.0026	0.0022	0.0017	0.0016	5.08E-03	3.07E-04	8.48E-09	1.31E-05	5.24E-05	1.36E-05	5.46E-03	2.47E-03	3.07E-04	8.48E-09	6.39E-06	2.55E-05	6.64E-06	2.82E-03
4452	479863.09, 3858377.25	0.0043	0.002	0.0017	0.0025	0.0039	0.0029	0.0021	0.002	5.84E-03	4.00E-04	1.14E-08	1.62E-05	7.89E-05	1.77E-05	6.35E-03	2.84E-03	4.00E-04	1.14E-08	7.89E-06	3.84E-05	8.61E-06	3.30E-03
4453	480363.09, 3858377.25	0.0045	0.0023	0.0018	0.0028	0.0045	0.0033	0.0022	0.0023	6.17E-03	4.53E-04	1.21E-08	1.78E-05	9.10E-05	2.03E-05	6.75E-03	3.00E-03	4.53E-04	1.21E-08	8.64E-06	4.43E-05	9.86E-06	3.52E-03
4454	480863.09, 3858377.25	0.0049	0.0024	0.0021	0.003	0.005	0.0036	0.0024	0.0024	6.67E-03	4.77E-04	1.39E-08	1.91E-05	1.02E-04	2.17E-05	7.29E-03	3.25E-03	4.77E-04	1.39E-08	9.30E-06	4.98E-05	1.06E-05	3.79E-03
4455	481363.09, 3858377.25	0.0053	0.0026	0.0024	0.0032	0.0056	0.0039	0.0025	0.0026	7.16E-03	5.08E-04	1.61E-08	2.05E-05	1.15E-04	2.36E-05	7.83E-03	3.49E-03	5.08E-04	1.61E-08	9.96E-06	5.60E-05	1.15E-05	4.07E-03
4456	481863.09, 3858377.25	0.0057	0.0027	0.0025	0.0034	0.0063	0.0042	0.0026	0.0027	7.71E-03	5.30E-04	1.70E-08	2.19E-05	1.29E-04	2.54E-05	8.41E-03	3.75E-03	5.30E-04	1.70E-08	1.07E-05	6.27E-05	1.24E-05	4.37E-03
4457	482363.09, 3858377.25	0.0061	0.0029	0.0026	0.0037	0.007	0.0047	0.0028	0.0029	8.24E-03	5.75E-04	1.78E-08	2.36E-05	1.43E-04	2.88E-05	9.01E-03	4.01E-03	5.75E-04	1.78E-08	1.15E-05	6.95E-05	1.40E-05	4.68E-03
4458	482863.09, 3858377.25	0.0062	0.0033	0.0032	0.004	0.0077	0.0056	0.0029	0.0033	8.50E-03	6.52E-04	2.18E-08	2.59E-05	1.56E-04	3.43E-05	9.36E-03	4.14E-03	6.52E-04	2.18E-08	1.26E-05	7.61E-05	1.67E-05	4.89E-03
4459	483363.09, 3858377.25	0.0064	0.0037	0.004	0.0044	0.008	0.0067	0.0031	0.0037	8.75E-03	7.23E-04	2.71E-08	2.80E-05	1.64E-04	4.07E-05	9.71E-03	4.26E-03	7.23E-04	2.71E-08	1.36E-05	7.97E-05	1.98E-05	5.10E-03
4460	483863.09, 3858377.25	0.007	0.004	0.0037	0.0047	0.0088	0.0078	0.0032	0.004	9.46E-03	7.86E-04	2.52E-08	3.04E-05	1.80E-04	4.76E-05	1.05E-02	4.61E-03	7.86E-04	2.52E-08	1.48E-05	8.75E-05	2.32E-05	5.52E-03

4461	484363.09, 3858377.25	0.0079	0.0044	0.0043	0.0052	0.01	0.0094	0.0035	0.0044	1.08E-02	8.71E-04	2.88E-08	3.37E-05	2.05E-04	5.75E-05	1.20E-02	5.26E-03	8.71E-04	2.88E-08	1.64E-05	9.97E-05	2.80E-05	6.28E-03
4462	484863.09, 3858377.25	0.0098	0.0051	0.0048	0.0059	0.0116	0.012	0.0039	0.0051	1.33E-02	9.99E-04	3.21E-08	3.77E-05	2.36E-04	7.32E-05	1.47E-02	6.49E-03	9.99E-04	3.21E-08	1.83E-05	1.15E-04	3.56E-05	7.66E-03
4463	485363.09, 3858377.25	0.0126	0.006	0.0057	0.0066	0.0136	0.0167	0.0044	0.006	1.71E-02	1.19E-03	3.85E-08	4.26E-05	2.77E-04	1.02E-04	1.87E-02	8.34E-03	1.19E-03	3.85E-08	2.07E-05	1.35E-04	4.98E-05	9.73E-03
4464	485863.09, 3858377.25	0.0179	0.0074	0.0078	0.0077	0.0161	0.0286	0.005	0.0074	2.44E-02	1.45E-03	5.27E-08	4.95E-05	3.28E-04	1.75E-04	2.64E-02	1.19E-02	1.45E-03	5.27E-08	2.41E-05	1.60E-04	8.50E-05	1.36E-02
4465	486363.09, 3858377.25	0.0465	0.0095	0.0117	0.0092	0.0186	0.1998	0.0059	0.0095	6.33E-02	1.87E-03	7.88E-08	5.89E-05	3.79E-04	1.22E-03	6.69E-02	3.08E-02	1.87E-03	7.88E-08	2.87E-05	1.84E-04	5.95E-04	3.35E-02
4466	486863.09, 3858377.25	0.111	0.0137	0.0206	0.0114	0.0203	0.1555	0.0074	0.0137	1.51E-01	2.70E-03	1.38E-07	7.33E-05	4.13E-04	9.52E-04	1.55E-01	7.36E-02	2.70E-03	1.38E-07	3.57E-05	2.01E-04	4.63E-04	7.70E-02
4467	487363.09, 3858377.25	0.1265	0.0271	0.0419	0.0154	0.0186	0.2298	0.0105	0.0271	1.72E-01	5.34E-03	2.82E-07	9.87E-05	3.79E-04	1.41E-03	1.79E-01	8.38E-02	5.34E-03	2.82E-07	4.81E-05	1.85E-04	6.84E-04	9.01E-02
4468	487863.09, 3858377.25	0.1335	0.461	0.0408	0.0245	0.0137	0.1437	0.0218	0.461	1.82E-01	9.08E-02	2.75E-07	1.58E-04	2.79E-04	8.79E-04	2.74E-01	8.85E-02	9.08E-02	2.75E-07	7.67E-05	1.36E-04	4.28E-04	1.80E-01
4469	488363.09, 3858377.25	0.1327	0.0633	0.037	0.0684	0.023	0.0941	0.2372	0.0633	1.81E-01	1.25E-02	2.49E-07	4.40E-04	4.68E-04	5.76E-04	1.95E-01	8.80E-02	1.25E-02	2.49E-07	2.14E-04	2.28E-04	2.80E-04	1.01E-01
4470	488863.09, 3858377.25	0.0688	0.0339	0.0281	0.1817	0.0266	0.1212	0.0421	0.0339	9.36E-02	6.68E-03	1.89E-07	1.17E-03	5.42E-04	7.42E-04	1.03E-01	4.56E-02	6.68E-03	1.89E-07	5.69E-04	2.64E-04	3.61E-04	5.34E-02
4471	489363.09, 3858377.25	0.0451	0.0235	0.0229	0.33	0.0267	0.0587	0.0244	0.0235	6.14E-02	4.63E-03	1.54E-07	2.12E-03	5.45E-04	3.59E-04	6.91E-02	2.99E-02	4.63E-03	1.54E-07	1.03E-03	2.65E-04	1.75E-04	3.60E-02
4472	489863.09, 3858377.25	0.0351	0.0182	0.0178	0.3564	0.0272	0.0417	0.0179	0.0182	4.78E-02	3.59E-03	1.20E-07	2.29E-03	5.55E-04	2.55E-04	5.45E-02	2.33E-02	3.59E-03	1.20E-07	1.12E-03	2.70E-04	1.24E-04	2.84E-02
4473	490363.09, 3858377.25	0.0295	0.015	0.0148	0.2929	0.0275	0.0332	0.0144	0.015	4.02E-02	2.96E-03	9.93E-08	1.88E-03	5.61E-04	2.03E-04	4.58E-02	1.96E-02	2.96E-03	9.93E-08	9.17E-04	2.73E-04	9.88E-05	2.38E-02
4474	490863.09, 3858377.25	0.0258	0.0128	0.0147	0.1957	0.0277	0.0276	0.0122	0.0128	3.52E-02	2.53E-03	9.88E-08	1.26E-03	5.65E-04	1.69E-04	3.97E-02	1.71E-02	2.53E-03	9.88E-08	6.13E-04	2.75E-04	8.23E-05	2.06E-02
4475	491363.09, 3858377.25	0.0237	0.0105	0.0132	0.0767	0.0269	0.0225	0.01	0.0105	3.22E-02	2.06E-03	8.90E-08	4.93E-04	5.48E-04	1.37E-04	3.55E-02	1.57E-02	2.06E-03	8.90E-08	2.40E-04	2.67E-04	6.69E-05	1.83E-02
4476	491863.09, 3858377.25	0.0221	0.0079	0.011	0.0369	0.0222	0.017	0.0077	0.0079	3.01E-02	1.56E-03	7.37E-08	2.37E-04	4.52E-04	1.04E-04	3.25E-02	1.47E-02	1.56E-03	7.37E-08	1.15E-04	2.20E-04	5.06E-05	1.66E-02
4477	492363.09, 3858377.25	0.0175	0.0061	0.0092	0.022	0.0146	0.0132	0.006	0.0061	2.38E-02	1.21E-03	6.17E-08	1.42E-04	2.97E-04	8.05E-05	2.55E-02	1.16E-02	1.21E-03	6.17E-08	6.89E-05	1.45E-04	3.92E-05	1.30E-02
4478	492863.09, 3858377.25	0.017	0.006	0.0089	0.0197	0.0152	0.0132	0.0059	0.006	2.32E-02	1.18E-03	5.96E-08	1.26E-04	3.09E-04	8.06E-05	2.49E-02	1.13E-02	1.18E-03	5.96E-08	6.16E-05	1.51E-04	3.92E-05	1.27E-02
4479	493363.09, 3858377.25	0.0146	0.0054	0.0079	0.0161	0.013	0.0122	0.0053	0.0054	1.98E-02	1.06E-03	5.31E-08	1.03E-04	2.65E-04	7.47E-05	2.14E-02	9.66E-03	1.06E-03	5.31E-08	5.03E-05	1.29E-04	3.64E-05	1.09E-02
4480	493863.09, 3858377.25	0.013	0.005	0.0072	0.0139	0.0118	0.0119	0.0049	0.005	1.77E-02	9.75E-04	4.84E-08	8.95E-05	2.40E-04	7.29E-05	1.91E-02	8.61E-03	9.75E-04	4.84E-08	4.36E-05	1.17E-04	3.55E-05	9.79E-03
4481	494363.09, 3858377.25	0.0114	0.0046	0.0065	0.0122	0.0104	0.0118	0.0045	0.0046	1.56E-02	8.96E-04	4.37E-08	7.82E-05	2.13E-04	7.21E-05	1.68E-02	7.57E-03	8.96E-04	4.37E-08	3.81E-05	1.04E-04	3.51E-05	8.65E-03
4482	494863.09, 3858377.25	0.0102	0.0043	0.0059	0.0108	0.0092	0.0122	0.0042	0.0043	1.38E-02	8.39E-04	3.95E-08	6.95E-05	1.88E-04	7.45E-05	1.50E-02	6.73E-03	8.39E-04	3.95E-08	3.38E-05	9.17E-05	3.62E-05	7.73E-03
4483	495363.09, 3858377.25	0.0089	0.004	0.0053	0.0096	0.0082	0.0132	0.0039	0.004	1.21E-02	7.80E-04	3.56E-08	6.17E-05	1.67E-04	8.09E-05	1.32E-02	5.90E-03	7.80E-04	3.56E-08	3.00E-05	8.14E-05	3.94E-05	6.84E-03
4484	495863.09, 3858377.25	0.0085	0.0039	0.005	0.009	0.0078	0.0191	0.0038	0.0039	1.16E-02	7.58E-04	3.36E-08	5.79E-05	1.59E-04	1.17E-04	1.27E-02	5.63E-03	7.58E-04	3.36E-08	2.82E-05	7.76E-05	5.68E-05	6.55E-03
4485	496363.09, 3858377.25	0.0081	0.0037	0.0047	0.0084	0.0074	0.0877	0.0037	0.0037	1.10E-02	7.37E-04	3.17E-08	5.42E-05	1.52E-04	5.37E-04	1.25E-02	5.35E-03	7.37E-04	3.17E-08	2.64E-05	7.38E-05	2.61E-04	6.45E-03
4486	496863.09, 3858377.25	0.0081	0.0038	0.0046	0.0083	0.0074	0.0536	0.0038	0.0038	1.10E-02	7.41E-04	3.11E-08	5.31E-05	1.51E-04	3.28E-04	1.23E-02	5.37E-03	7.41E-04	3.11E-08	2.58E-05	7.37E-05	1.60E-04	6.37E-03
4487	497363.09, 3858377.25	0.0079	0.0037	0.0044	0.008	0.0072	0.0282	0.0037	0.0037	1.07E-02	7.33E-04	2.98E-08	5.11E-05	1.47E-04	1.73E-04	1.18E-02	5.23E-03	7.33E-04	2.98E-08	2.49E-05	7.16E-05	8.41E-05	6.14E-03
4488	497863.09, 3858377.25	0.0082	0.0039	0.0045	0.0081	0.0076	0.0208	0.0039	0.0039	1.11E-02	7.62E-04	3.04E-08	5.22E-05	1.55E-04	1.27E-04	1.22E-02	5.41E-03	7.62E-04	3.04E-08	2.54E-05	7.52E-05	6.20E-05	6.34E-03
4489	498363.09, 3858377.25	0.0083	0.0041	0.0047	0.0085	0.0081	0.0176	0.0041	0.0041	1.13E-02	8.06E-04	3.18E-08	5.46E-05	1.66E-04	1.08E-04	1.25E-02	5.51E-03	8.06E-04	3.18E-08	2.66E-05	8.06E-05	5.24E-05	6.48E-03
4490	471363.09, 3858877.25	0.0016	0.0012	0.0007	0.0011	0.0014	0.0012	0.0012	0.0012	2.18E-03	2.29E-04	4.58E-09	7.08E-06	2.75E-05	7.40E-06	2.45E-03	1.06E-03	2.29E-04	4.58E-09	3.44E-06	1.34E-05	3.60E-06	1.31E-03
4491	471863.09, 3858877.25	0.0017	0.0012	0.0007	0.0011	0.0014	0.0013	0.0012	0.0012	2.26E-03	2.32E-04	4.78E-09	7.27E-06	2.81E-05	7.65E-06	2.54E-03	1.10E-03	2.32E-04	4.78E-09	3.54E-06	1.37E-05	3.72E-06	1.35E-03
4492	472363.09, 3858877.25	0.0017	0.0012	0.0008	0.0012	0.0014	0.0013	0.0012	0.0012	2.37E-03	2.40E-04	5.12E-09	7.65E-06	2.94E-05	8.02E-06	2.65E-03	1.15E-03	2.40E-04	5.12E-09	3.73E-06	1.43E-05	3.90E-06	1.42E-03
4493	472863.09, 3858877.25	0.0018	0.0013	0.0008	0.0012	0.0015	0.0014	0.0013	0.0013	2.48E-03	2.46E-04	5.45E-09	7.98E-06	3.04E-05	8.32E-06	2.77E-03	1.21E-03	2.46E-04	5.45E-09	3.88E-06	1.48E-05	4.05E-06	1.48E-03
4494	473363.09, 3858877.25	0.0019	0.0013	0.0009	0.0013	0.0016	0.0014	0.0013	0.0013	2.57E-03	2.56E-04	5.93E-09	8.36E-06	3.20E-05	8.81E-06	2.88E-03	1.25E-03	2.56E-04	5.93E-09	4.07E-06	1.56E-05	4.29E-06	1.53E-03
4495	473863.09, 3858877.25	0.002	0.0013	0.0009	0.0013	0.0016	0.0015	0.0013	0.0013	2.72E-03	2.58E-04	5.99E-09	8.62E-06	3.30E-05	8.99E-06	3.03E-03	1.33E-03	2.58E-04	5.99E-09	4.20E-06	1.61E-05	4.38E-06	1.61E-03
4496	474363.09, 3858877.25	0.0021	0.0012	0.0008	0.0013	0.0016	0.0015	0.0013	0.0012	2.80E-03	2.44E-04	5.66E-09	8.62E-06	3.24E-05	8.87E-06	3.10E-03	1.37E-03	2.44E-04	5.66E-09	4.20E-06	1.58E-05	4.32E-06	1.63E-03
4497	474863.09, 3858877.25	0.0018	0.001	0.0007	0.0012	0.0012	0.0012	0.001	0.001	2.40E-03	1.93E-04	4.92E-09	7.46E-06	2.35E-05	7.59E-06	2.63E-03	1.17E-03	1.93E-04	4.92E-09	3.63E-06	1.14E-05	3.69E-06	1.38E-03
4498	475363.09, 3858877.25	0.0016	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	2.12E-03	1.81E-04	4.78E-09	6.95E-06	2.14E-05	7.28E-06	2.34E-03	1.03E-03	1.81E-04	4.78E-09	3.38E-06	1.04E-05	3.54E-06	1.23E-03
4499	475863.09, 3858877.25	0.0017	0.001	0.0008	0.0012	0.0011	0.0013	0.001	0.001	2.31E-03	1.89E-04	5.05E-09	7.46E-06	2.30E-05	7.77E-06	2.54E-03	1.13E-03	1.89E-04	5.05E-09	3.63E-06	1.12E-05	3.78E-06	1.33E-03
4500	476363.09, 3858877.25	0.0014	0.0009	0.0007	0.0011	0.001	0.0012	0.0009	0.0009	1.96E-03	1.71E-04	4.92E-09	6.82E-06	2.02E-05	7.28E-06	2.17E-03	9.54E-04	1.71E-04	4.92E-09	3.32E-06	9.83E-06	3.54E-06	1.14E-03
4501	476863.09, 3858877.25	0.0016	0.0009	0.0008	0.0012	0.0011	0.0013	0.0009	0.0009	2.19E-03	1.85E-04	5.32E-09	7.40E-06	2.24E-05	7.95E-06	2.41E-03	1.07E-03	1.85E-04	5.32E-09	3.60E-06	1.09E-05	3.87E-06	1.27E-03
4502	477363.09, 3858877.25	0.0017	0.001	0.0008	0.0012	0.0012	0.0014	0.001	0.001	2.30E-03	1.89E-04	5.32E-09	7.78E-06	2.35E-05	8.32E-06	2.53E-03	1.12E-03	1.89E-04	5.32E-09	3.79E-06	1.14E-05	4.05E-06	1.33E-03
4503	477863.09, 3858877.25	0.0019	0.001	0.0008	0.0013	0.0013	0.0015	0.001	0.001	2.61E-03	2.03E-04	5.66E-09	8.43E-06	2.71E-05	8.93E-06	2.86E-03	1.27E-03	2.03E-04	5.66E-09	4.10E-06	1.32E-05	4.35E-06	1.50E-03
4504	478363.09, 3858877.25	0.0028	0.0013	0.001	0.0017	0.0021	0.0018	0.0013	0.0013	3.83E-03	2.46E-04	6.67E-09	1.07E-05	4.28E-05	1.10E-05	4.14E-03	1.86E-03	2.46E-04	6.67E-09	5.23E-06	2.08E-05	5.33E-06	2.14E-03
4505	478863.09, 3858877.25	0.0027	0.0012	0.001	0.0016	0.002	0.0018	0.0013	0.0012	3.66E-03	2.42E-04	6.73E-09	1.05E-05	4.02E-05	1.09E-05	3.97E-03	1.78E-03	2.42E-04	6.73E-09	5.10E-06	1.96E-05	5.30E-06	2.05E-03
4506	479363.09, 3858877.25	0.0025	0.0012	0.001	0.0016	0.0018	0.0017	0.0012	0.0012	3.34E-03	2.40E-04	6.73E-09	1.02E-05	3.73E-05	1.06E-05	3.63E-03	1.62E-03	2.40E-04	6.73E-09	4.95E-06	1.82E-05	5.18E-06	1.89E-03
4507	479863.09, 3858877.25	0.0038	0.002	0.0015	0.0024	0.0042	0.0029	0.0019	0.002	5.23E-03	3.84E-04	1.04E-08	1.57E-05	8.63E-05	1.75E-05	5.73E-03	2.54E-03	3.84E-04	1.04E-08	7.64E-06	4.20E-05	8.52E-06	2.99E-03
4508	480363.09, 3858877.25	0.0041	0.0021	0.0018	0.0027	0.0046	0.0032	0.0021	0.0021	5.51E-03	4.18E-04	1.19E-08	1.71E-05	9.36E-05	1.96E-05	6.06E-03	2.68E-03	4.18E-04	1.19E-08	8.33E-06	4.56E-05	9.56E-06	3.16E-03
4509	480863.09, 3858877.25	0.0043	0.0023	0.0022	0.0029	0.0049	0.0035	0.0022	0.0023	5.87E-03	4.45E-04	1.48E-08	1.85E-05	9.97E-05	2.14E-05	6.45E-03	2.86E-03	4.45E-04	1.48E-08	8.99E-06	4.85E-05	1.04E-05	3.37E-03
4510	481363.09, 3858877.25	0.0046	0.0024	0.0025	0.0031	0.0052	0.0038	0.0023	0.0024	6.24E-03	4.71E-04	1.66E-08	1.97E-05	1.06E-04	2.33E-05	6.86E-03	3.04E-03	4.71E-04	1.66E-08	9.58E-06	5.16E-05	1.13E-05	3.58E-03
4511	481863.09, 3858877.25	0.0049	0.0025	0.0024	0.0033	0.0055	0.0041	0.0024	0.0025	6.60E-03	4.98E-04	1.64E-08	2.12E-05	1.13E-04	2.53E-05	7.26E-03	3.21E-03	4.98E-04	1.64E-08	1.03E-05	5.50E-05	1.23E-05	3.79E-03
4512	482363.09, 3858877.25	0.0052	0.0027	0.0023	0.0035	0.006	0.0045	0.0026	0.0027	7.09E-03	5.32E-04	1.56E-08	2.26E-05	1.21E-04	2.75E-05	7.80E-03	3.45E-03	5.32E-04	1.56E-08	1.10E-05	5.91E-05	1.34E-05	4.07E-03
4513	482863.09, 3858877.25	0.0055	0.0029	0.0032	0.0038	0.0065	0.005	0.0027	0.0029	7.53E-03	5.69E-04	2.13E-08	2.47E-05	1.33E-04	3.07E-05	8.29E-03	3.66E-03	5.69E-04	2.13E-08	1.20E-05	6.48E-05	1.50E-05	4.33E-03
4514	483363.09, 3858877.25	0.0055	0.0034	0.0034	0.0041	0.0066	0.0062	0.0029	0.0034	7.42E-03	6.66E-04	2.26E-08	2.64E-05	1.35E-04	3.82E-05	8.29E-03	3.61E-03	6.66E-04	2.26E-08	1.29E-05	6.59E-05	1.86E-05	4.37E-03
4515	483863.09, 3858877.25	0.0059	0.0036	0.0031	0.0044	0.0072	0.0072	0.0031	0.0036	8.01E-03	7.11E-04	2.11E-08	2.85E-05	1.46E-04	4.38E-05	8.94E-03	3.90E-03	7.11E-04	2.11E-08	1.39E-05	7.12E-05	2.13E-05	4.71E-03
4516	484363.09, 3858877.25	0.0066	0.0039	0.0036	0.0049	0.0081	0.0084	0.0033	0.0039	8.99E-03	7.64E-04	2.43E-08	3.13E-05	1.65E-04	5.16E-05	1.00E-02	4.37E-03	7.64E-04	2.43E-08	1.52E-05	8.03E-05	2.51E-05	5.26E-03
4517	484863.09, 3858877.25	0.0079	0.0042	0.0039	0.0054	0.0093	0.0103	0.0035	0.0042	1.08E-02	8.33E-04	2.63E-08	3.47E-05	1.89E-04	6.33E-05	1.19E-02	5.24E-03	8.33E-04	2.63E-08	1.69E-05	9.20E-05	3.08E-05	6.21E-03
4518	485363.09, 3858877.25	0.0101	0.0048	0.0047	0.006	0.0103	0.0135	0.0038	0.0048	1.37E-02	9.42E-04	3.19E-08	3.87E-05	2.11E-04	8.23E-05	1.50E-02	6.67E-03	9.42E-04	3.19E-08	1.88E-05	1.03E-04	4.01E-05	7.78E-03
4519	485863.09, 3858877.25	0.0139	0.0055	0.0055	0.007	0.011	0.0197	0.0043	0.0055	1.89E-02	1.09E-03	3.69E-08	4.47E-05	2.24E-04	1.20E-04	2.04E-02	9.21E-03	1.09E-03	3.69E-08	2.18E-05	1.09E-04	5.86E-05	1.05E-02
4520	486363.09, 3858877.25	0.0262	0.0065	0.0071	0.0082	0.0114	0.0452	0.0049	0.0065	3.57E-02	1.28E-03	4.79E-08	5.27E-05	2.33E-04	2.76E-04	3.75E-02	1.74E-02	1.28E-03	4.79E-08	2.57E-05	1.13E-04	1.35E-04	1.89E-02
4521	486863.09, 3858877.25	0.1005	0.0079	0.0106	0.0101	0.0108	0.0727	0.0059	0.0079	1.37E-01	1.56E-03	7.14E-08	6.47E-05	2.20E-04	4.45E-04	1.39E-01	6.66E-02	1.56E-03	7.14E-08	3.15E-05	1.07E-04	2.17E-04	6.85E-02
4522	487363.09, 3858877.25	0.1207	0.0104	0.0098	0.013	0.0091	0.0566	0.0075	0.0104	1.64E-01	2.04E-03	6.59E-08	8.38E-05	1.86E-04	3.47E-04	1.67E-01	8.00E-02	2.04E-03	6.59E-08	4.08E-05	9.03E-05	1.69E-04	8.23E-02

4523	487863.09, 3858877.25	0.1295	0.0153	0.0116	0.0176	0.0068	0.1824	0.0105	0.0153	1.76E-01	3.02E-03	7.78E-08	1.13E-04	1.39E-04	1.12E-03	1.81E-01	8.58E-02	3.02E-03	7.78E-08	5.51E-05	6.78E-05	5.43E-04	8.95E-02
4524	488363.09, 3858877.25	0.132	0.0344	0.0129	0.0283	0.0086	0.0978	0.0204	0.0344	1.80E-01	6.78E-03	8.67E-08	1.82E-04	1.74E-04	5.98E-04	1.87E-01	8.75E-02	6.78E-03	8.67E-08	8.86E-05	8.49E-05	2.91E-04	9.47E-02
4525	488863.09, 3858877.25	0.1155	0.237	0.0169	0.0751	0.0154	0.0746	0.3455	0.237	1.57E-01	4.67E-02	1.14E-07	4.83E-04	3.14E-04	4.57E-04	2.05E-01	7.66E-02	4.67E-02	1.14E-07	2.35E-04	1.53E-04	2.22E-04	1.24E-01
4526	489363.09, 3858877.25	0.0529	0.0545	0.0217	0.3611	0.0132	0.1399	0.0553	0.0545	7.21E-02	1.07E-02	1.46E-07	2.32E-03	2.70E-04	8.56E-04	8.62E-02	3.51E-02	1.07E-02	1.46E-07	1.13E-03	1.31E-04	4.17E-04	4.75E-02
4527	489863.09, 3858877.25	0.0383	0.0315	0.0224	0.105	0.0133	0.0603	0.0301	0.0315	5.22E-02	6.21E-03	1.51E-07	6.76E-04	2.71E-04	3.69E-04	5.97E-02	2.54E-02	6.21E-03	1.51E-07	3.29E-04	1.32E-04	1.80E-04	3.23E-02
4528	490363.09, 3858877.25	0.0311	0.0219	0.0266	0.0656	0.014	0.0411	0.0208	0.0219	4.23E-02	4.32E-03	1.79E-07	4.22E-04	2.86E-04	2.52E-04	4.76E-02	2.06E-02	4.32E-03	1.79E-07	2.05E-04	1.39E-04	1.23E-04	2.54E-02
4529	490863.09, 3858877.25	0.0273	0.0155	0.0259	0.0451	0.0138	0.0296	0.0148	0.0155	3.71E-02	3.06E-03	1.75E-07	2.90E-04	2.81E-04	1.81E-04	4.09E-02	1.81E-02	3.06E-03	1.75E-07	1.41E-04	1.37E-04	8.83E-05	2.15E-02
4530	491363.09, 3858877.25	0.025	0.0111	0.0209	0.03	0.0122	0.0215	0.0107	0.0111	3.40E-02	2.18E-03	1.41E-07	1.93E-04	2.49E-04	1.31E-04	3.68E-02	1.66E-02	2.18E-03	1.41E-07	9.40E-05	1.21E-04	6.39E-05	1.90E-02
4531	491863.09, 3858877.25	0.0212	0.0084	0.0151	0.0214	0.0104	0.0165	0.0081	0.0084	2.88E-02	1.65E-03	1.02E-07	1.38E-04	2.11E-04	1.01E-04	3.09E-02	1.40E-02	1.65E-03	1.02E-07	6.71E-05	1.03E-04	4.92E-05	1.59E-02
4532	492363.09, 3858877.25	0.0196	0.0082	0.0138	0.0213	0.0124	0.0166	0.008	0.0082	2.67E-02	1.62E-03	9.26E-08	1.37E-04	2.53E-04	1.02E-04	2.88E-02	1.30E-02	1.62E-03	9.26E-08	6.66E-05	1.23E-04	4.94E-05	1.49E-02
4533	492863.09, 3858877.25	0.0178	0.0084	0.0137	0.022	0.0135	0.0174	0.0081	0.0084	2.42E-02	1.64E-03	9.19E-08	1.41E-04	2.76E-04	1.06E-04	2.64E-02	1.18E-02	1.64E-03	9.19E-08	6.88E-05	1.34E-04	5.18E-05	1.37E-02
4534	493363.09, 3858877.25	0.0162	0.0074	0.0113	0.0187	0.0126	0.0163	0.0072	0.0074	2.21E-02	1.45E-03	7.58E-08	1.20E-04	2.57E-04	9.99E-05	2.40E-02	1.07E-02	1.45E-03	7.58E-08	5.86E-05	1.25E-04	4.86E-05	1.24E-02
4535	493863.09, 3858877.25	0.0144	0.0063	0.009	0.015	0.0106	0.0157	0.0062	0.0063	1.96E-02	1.24E-03	6.05E-08	9.66E-05	2.15E-04	9.61E-05	2.12E-02	9.53E-03	1.24E-03	6.05E-08	4.70E-05	1.05E-04	4.68E-05	1.10E-02
4536	494363.09, 3858877.25	0.0131	0.0057	0.0077	0.0134	0.0098	0.0181	0.0057	0.0057	1.78E-02	1.13E-03	5.20E-08	8.62E-05	2.00E-04	1.11E-04	1.93E-02	8.66E-03	1.13E-03	5.20E-08	4.20E-05	9.74E-05	5.40E-05	9.98E-03
4537	494863.09, 3858877.25	0.0117	0.0052	0.0069	0.0118	0.009	0.0238	0.0052	0.0052	1.59E-02	1.02E-03	4.61E-08	7.59E-05	1.83E-04	1.45E-04	1.74E-02	7.76E-03	1.02E-03	4.61E-08	3.69E-05	8.89E-05	7.08E-05	8.98E-03
4538	495363.09, 3858877.25	0.0105	0.0048	0.006	0.0105	0.0082	0.0319	0.0048	0.0048	1.42E-02	9.42E-04	4.05E-08	6.73E-05	1.67E-04	1.95E-04	1.56E-02	6.93E-03	9.42E-04	4.05E-08	3.28E-05	8.15E-05	9.49E-05	8.08E-03
4539	495863.09, 3858877.25	0.0096	0.0045	0.0055	0.0096	0.0078	0.1144	0.0045	0.0045	1.31E-02	8.90E-04	3.70E-08	6.18E-05	1.59E-04	7.00E-04	1.49E-02	6.39E-03	8.90E-04	3.70E-08	3.01E-05	7.76E-05	3.41E-04	7.73E-03
4540	496363.09, 3858877.25	0.0091	0.0044	0.0051	0.0091	0.0076	0.0588	0.0044	0.0044	1.24E-02	8.63E-04	3.46E-08	5.85E-05	1.55E-04	3.60E-04	1.39E-02	6.05E-03	8.63E-04	3.46E-08	2.85E-05	7.55E-05	1.75E-04	7.19E-03
4541	496863.09, 3858877.25	0.0087	0.0043	0.0049	0.0087	0.0074	0.0317	0.0043	0.0043	1.18E-02	8.41E-04	3.27E-08	5.57E-05	1.50E-04	1.94E-04	1.31E-02	5.76E-03	8.41E-04	3.27E-08	2.71E-05	7.31E-05	9.44E-05	6.79E-03
4542	497363.09, 3858877.25	0.0083	0.0042	0.0046	0.0082	0.0071	0.0227	0.0042	0.0042	1.12E-02	8.21E-04	3.09E-08	5.30E-05	1.45E-04	1.39E-04	1.24E-02	5.47E-03	8.21E-04	3.09E-08	2.58E-05	7.04E-05	6.77E-05	6.46E-03
4543	497863.09, 3858877.25	0.0083	0.0044	0.0047	0.0085	0.0075	0.0188	0.0044	0.0044	1.13E-02	8.59E-04	3.15E-08	5.49E-05	1.53E-04	1.15E-04	1.25E-02	5.49E-03	8.59E-04	3.15E-08	2.67E-05	7.44E-05	5.59E-05	6.50E-03
4544	498363.09, 3858877.25	0.0081	0.0046	0.0048	0.0088	0.0078	0.0164	0.0046	0.0046	1.10E-02	9.02E-04	3.22E-08	5.69E-05	1.58E-04	1.00E-04	1.22E-02	5.34E-03	9.02E-04	3.22E-08	2.77E-05	7.69E-05	4.88E-05	6.40E-03
4545	471363.09, 3859377.25	0.0016	0.0011	0.0007	0.0011	0.0013	0.0012	0.0011	0.0011	2.15E-03	2.23E-04	4.85E-09	7.01E-06	2.57E-05	7.46E-06	2.41E-03	1.05E-03	2.23E-04	4.85E-09	3.41E-06	1.25E-05	3.63E-06	1.29E-03
4546	471863.09, 3859377.25	0.0016	0.0012	0.0008	0.0011	0.0013	0.0013	0.0012	0.0012	2.23E-03	2.29E-04	5.12E-09	7.27E-06	2.69E-05	7.71E-06	2.50E-03	1.09E-03	2.29E-04	5.12E-09	3.54E-06	1.31E-05	3.75E-06	1.34E-03
4547	472363.09, 3859377.25	0.0017	0.0012	0.0008	0.0012	0.0014	0.0013	0.0012	0.0012	2.33E-03	2.34E-04	5.39E-09	7.59E-06	2.88E-05	8.08E-06	2.61E-03	1.13E-03	2.34E-04	5.39E-09	3.69E-06	1.40E-05	3.93E-06	1.39E-03
4548	472863.09, 3859377.25	0.0018	0.0012	0.0008	0.0012	0.0015	0.0014	0.0012	0.0012	2.41E-03	2.42E-04	5.66E-09	7.91E-06	3.08E-05	8.38E-06	2.70E-03	1.17E-03	2.42E-04	5.66E-09	3.85E-06	1.50E-05	4.08E-06	1.44E-03
4549	473363.09, 3859377.25	0.0018	0.0013	0.0009	0.0013	0.0016	0.0014	0.0013	0.0013	2.51E-03	2.50E-04	5.79E-09	8.23E-06	3.32E-05	8.81E-06	2.81E-03	1.22E-03	2.50E-04	5.79E-09	4.01E-06	1.62E-05	4.29E-06	1.49E-03
4550	473863.09, 3859377.25	0.0019	0.0013	0.0009	0.0013	0.0018	0.0015	0.0013	0.0013	2.63E-03	2.54E-04	5.86E-09	8.56E-06	3.57E-05	9.12E-06	2.94E-03	1.28E-03	2.54E-04	5.86E-09	4.16E-06	1.74E-05	4.44E-06	1.56E-03
4551	474363.09, 3859377.25	0.002	0.0012	0.0008	0.0013	0.0018	0.0015	0.0012	0.0012	2.71E-03	2.40E-04	5.52E-09	8.62E-06	3.63E-05	8.87E-06	3.00E-03	1.32E-03	2.40E-04	5.52E-09	4.20E-06	1.77E-05	4.32E-06	1.59E-03
4552	474863.09, 3859377.25	0.002	0.0011	0.0008	0.0013	0.0016	0.0014	0.0011	0.0011	2.68E-03	2.15E-04	5.39E-09	8.17E-06	3.26E-05	8.32E-06	2.95E-03	1.31E-03	2.15E-04	5.39E-09	3.98E-06	1.59E-05	4.05E-06	1.54E-03
4553	475363.09, 3859377.25	0.0018	0.001	0.0008	0.0012	0.0013	0.0012	0.001	0.001	2.40E-03	1.89E-04	5.25E-09	7.46E-06	2.69E-05	7.59E-06	2.63E-03	1.17E-03	1.89E-04	5.25E-09	3.63E-06	1.31E-05	3.69E-06	1.38E-03
4554	475863.09, 3859377.25	0.0015	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	2.00E-03	1.71E-04	4.71E-09	6.75E-06	2.14E-05	7.10E-06	2.21E-03	9.74E-04	1.71E-04	4.71E-09	3.29E-06	1.04E-05	3.45E-06	1.16E-03
4555	476363.09, 3859377.25	0.0014	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	1.95E-03	1.69E-04	4.58E-09	6.75E-06	2.14E-05	7.16E-06	2.15E-03	9.48E-04	1.69E-04	4.58E-09	3.29E-06	1.04E-05	3.48E-06	1.13E-03
4556	476863.09, 3859377.25	0.0013	0.0008	0.0007	0.001	0.001	0.0012	0.0008	0.0008	1.81E-03	1.64E-04	4.38E-09	6.56E-06	2.04E-05	7.04E-06	2.01E-03	8.81E-04	1.64E-04	4.38E-09	3.19E-06	9.93E-06	3.42E-06	1.06E-03
4557	477363.09, 3859377.25	0.0014	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	1.93E-03	1.69E-04	4.51E-09	6.95E-06	2.22E-05	7.40E-06	2.14E-03	9.41E-04	1.69E-04	4.51E-09	3.38E-06	1.08E-05	3.60E-06	1.13E-03
4558	477863.09, 3859377.25	0.002	0.001	0.0008	0.0013	0.0015	0.0014	0.001	0.001	2.65E-03	1.97E-04	5.25E-09	8.43E-06	3.00E-05	8.63E-06	2.90E-03	1.29E-03	1.97E-04	5.25E-09	4.10E-06	1.46E-05	4.20E-06	1.51E-03
4559	478363.09, 3859377.25	0.0025	0.0011	0.0009	0.0016	0.0021	0.0016	0.0012	0.0011	3.46E-03	2.25E-04	6.20E-09	1.01E-05	4.18E-05	1.00E-05	3.74E-03	1.68E-03	2.25E-04	6.20E-09	4.92E-06	2.04E-05	4.88E-06	1.94E-03
4560	478863.09, 3859377.25	0.0031	0.0013	0.001	0.0019	0.0028	0.0019	0.0014	0.0013	4.15E-03	2.64E-04	7.00E-09	1.21E-05	5.75E-05	1.19E-05	4.50E-03	2.02E-03	2.64E-04	7.00E-09	5.89E-06	2.80E-05	5.78E-06	2.32E-03
4561	479363.09, 3859377.25	0.0033	0.0016	0.0012	0.0021	0.0033	0.0023	0.0016	0.0016	4.55E-03	3.07E-04	8.01E-09	1.37E-05	6.73E-05	1.39E-05	4.95E-03	2.21E-03	3.07E-04	8.01E-09	6.67E-06	3.28E-05	6.76E-06	2.57E-03
4562	479863.09, 3859377.25	0.0036	0.0018	0.0014	0.0024	0.0036	0.0026	0.0018	0.0018	4.83E-03	3.47E-04	9.23E-09	1.52E-05	7.26E-05	1.62E-05	5.28E-03	2.35E-03	3.47E-04	9.23E-09	7.42E-06	3.53E-05	7.86E-06	2.75E-03
4563	480363.09, 3859377.25	0.0037	0.002	0.0019	0.0026	0.0038	0.003	0.0019	0.002	5.02E-03	3.84E-04	1.26E-08	1.67E-05	7.71E-05	1.85E-05	5.52E-03	2.45E-03	3.84E-04	1.26E-08	8.11E-06	3.75E-05	9.02E-06	2.88E-03
4564	480863.09, 3859377.25	0.0038	0.0021	0.0021	0.0028	0.0041	0.0033	0.002	0.0021	5.23E-03	4.14E-04	1.44E-08	1.78E-05	8.36E-05	2.04E-05	5.76E-03	2.54E-03	4.14E-04	1.44E-08	8.67E-06	4.07E-05	9.95E-06	3.02E-03
4565	481363.09, 3859377.25	0.004	0.0022	0.0021	0.003	0.0044	0.0037	0.0021	0.0022	5.46E-03	4.37E-04	1.39E-08	1.90E-05	8.95E-05	2.23E-05	6.03E-03	2.66E-03	4.37E-04	1.39E-08	9.24E-06	4.36E-05	1.09E-05	3.16E-03
4566	481863.09, 3859377.25	0.0042	0.0023	0.002	0.0032	0.0047	0.0039	0.0022	0.0023	5.73E-03	4.61E-04	1.35E-08	2.03E-05	9.67E-05	2.40E-05	6.33E-03	2.79E-03	4.61E-04	1.35E-08	9.86E-06	4.71E-05	1.17E-05	3.32E-03
4567	482363.09, 3859377.25	0.0045	0.0025	0.0022	0.0034	0.0052	0.0043	0.0023	0.0025	6.14E-03	4.89E-04	1.47E-08	2.16E-05	1.05E-04	2.62E-05	6.78E-03	2.99E-03	4.89E-04	1.47E-08	1.05E-05	5.13E-05	1.28E-05	3.55E-03
4568	482863.09, 3859377.25	0.0047	0.0026	0.0027	0.0037	0.0056	0.0048	0.0025	0.0026	6.45E-03	5.20E-04	1.80E-08	2.35E-05	1.14E-04	2.93E-05	7.14E-03	3.14E-03	5.20E-04	1.80E-08	1.15E-05	5.55E-05	1.43E-05	3.74E-03
4569	483363.09, 3859377.25	0.0049	0.0029	0.0027	0.004	0.006	0.0056	0.0026	0.0029	6.63E-03	5.77E-04	1.80E-08	2.56E-05	1.22E-04	3.40E-05	7.39E-03	3.23E-03	5.77E-04	1.80E-08	1.25E-05	5.92E-05	1.66E-05	3.89E-03
4570	483863.09, 3859377.25	0.0051	0.0032	0.0027	0.0042	0.0062	0.0064	0.0028	0.0032	6.92E-03	6.24E-04	1.83E-08	2.72E-05	1.27E-04	3.90E-05	7.73E-03	3.37E-03	6.24E-04	1.83E-08	1.32E-05	6.19E-05	1.90E-05	4.09E-03
4571	484363.09, 3859377.25	0.0056	0.0034	0.0031	0.0046	0.0069	0.0073	0.003	0.0034	7.66E-03	6.76E-04	2.11E-08	2.98E-05	1.41E-04	4.48E-05	8.56E-03	3.73E-03	6.76E-04	2.11E-08	1.45E-05	6.85E-05	2.18E-05	4.51E-03
4572	484863.09, 3859377.25	0.0065	0.0037	0.003	0.0051	0.0075	0.0086	0.0032	0.0037	8.85E-03	7.35E-04	2.01E-08	3.29E-05	1.52E-04	5.27E-05	9.82E-03	4.31E-03	7.35E-04	2.01E-08	1.60E-05	7.40E-05	2.56E-05	5.16E-03
4573	485363.09, 3859377.25	0.008	0.0041	0.0033	0.0057	0.0075	0.0106	0.0035	0.0041	1.09E-02	8.10E-04	2.24E-08	3.65E-05	1.53E-04	6.50E-05	1.19E-02	5.29E-03	8.10E-04	2.24E-08	1.78E-05	7.43E-05	3.17E-05	6.22E-03
4574	485863.09, 3859377.25	0.0103	0.0046	0.0042	0.0063	0.0074	0.0141	0.0039	0.0046	1.40E-02	9.00E-04	2.79E-08	4.08E-05	1.52E-04	8.60E-05	1.52E-02	6.83E-03	9.00E-04	2.79E-08	1.99E-05	7.39E-05	4.19E-05	7.87E-03
4575	486363.09, 3859377.25	0.0148	0.0051	0.0052	0.0072	0.0075	0.0225	0.0043	0.0051	2.01E-02	1.00E-03	3.51E-08	4.64E-05	1.52E-04	1.37E-04	2.14E-02	9.79E-03	1.00E-03	3.51E-08	2.26E-05	7.41E-05	6.69E-05	1.10E-02
4576	486863.09, 3859377.25	0.0388	0.0058	0.0053	0.0084	0.0068	0.104	0.0048	0.0058	5.28E-02	1.13E-03	3.60E-08	5.41E-05	1.38E-04	6.36E-04	5.47E-02	2.57E-02	1.13E-03	3.60E-08	2.63E-05	6.72E-05	3.10E-04	2.72E-02
4577	487363.09, 3859377.25	0.1008	0.0067	0.0054	0.0102	0.0051	0.1246	0.0056	0.0067	1.37E-01	1.32E-03	3.61E-08	6.58E-05	1.03E-04	7.63E-04	1.39E-01	6.68E-02	1.32E-03	3.61E-08	3.20E-05	5.01E-05	3.71E-04	6.86E-02
4578	487863.09, 3859377.25	0.1167	0.0082	0.0063	0.0133	0.0046	0.0813	0.007	0.0082	1.59E-01	1.62E-03	4.22E-08	8.58E-05	9.30E-05	4.97E-04	1.61E-01	7.74E-02	1.62E-03	4.22E-08	4.18E-05	4.53E-05	2.42E-04	7.93E-02
4579	488363.09, 3859377.25	0.123	0.0109	0.0085	0.019	0.0043	0.2708	0.0095	0.0109	1.67E-01	2.15E-03	5.72E-08	1.22E-04	8.69E-05	1.66E-03	1.72E-01	8.15E-02	2.15E-03	5.72E-08	5.95E-05	4.23E-05	8.07E-04	8.46E-02
4580	488863.09, 3859377.25	0.0873	0.017	0.0149	0.0351	0.0082	0.0591	0.0154	0.017	1.19E-01	3.35E-03	1.00E-07	2.26E-04	1.68E-04	3.62E-04	1.23E-01	5.79E-02	3.35E-03	1.00E-07	1.10E-04	8.16E-05	1.76E-04	6.16E-02
4581	489363.09, 3859377.25	0.049	0.0459	0.0673	0.1396	0.0101	0.0498	0.0433	0.0459	6.67E-02	9.04E-03	4.53E-07	8.98E-04	2.06E-04	3.05E-04	7.71E-02	3.25E-02	9.04E-03	4.53E-07	4.37E-04	1.00E-04	1.48E-04	4.22E-02
4582	489863.09, 3859377.25	0.0837	0.1488	1.9279	0.444	0.0081	0.3465	0.1513	0.1488	1.14E-01	2.93E-02	1.30E-05	2.86E-03	1.65E-04	2.12E-03	1.48E-01	5.54E-02	2.93E-02	1.30E-05	1.39E-03	8.02E-05	1.03E-03	8.73E-02
4583	490363.09, 3859377.25	0.039	0.0476	0.2085	0.1345	0.0082	0.0806	0.0469	0.0476	5.30E-02	9.37E-03	1.40E-06	8.65E-04	1.67E-04	4.93E-04	6.39E-02	2.58E-02	9.37E-03	1.40E-06	4.21E-04	8.14E-05	2.40E-04	3.59E-02
4584	490863.09, 3859377.25	0.0297	0.0261	0.0703	0.062	0.009	0.0418	0.0255	0.0261	4.04E-02	5.14E-03	4.73E-07	3.98E-04	1.84E-04	2.56E-04	4.64E-02	1.97E-02	5.14E-03	4.73E-07	1.94E-04	8.93E-05	1.24E-04	2.52E-02

4585	491363.09, 3859377.25	0.0261	0.0155	0.0296	0.0345	0.0085	0.0259	0.0152	0.0155	3.55E-02	3.04E-03	2.00E-07	2.22E-04	1.73E-04	1.58E-04	3.91E-02	1.73E-02	3.04E-03	2.00E-07	1.08E-04	8.42E-05	7.70E-05	2.06E-02
4586	491863.09, 3859377.25	0.0213	0.0146	0.0239	0.0325	0.008	0.0255	0.0142	0.0146	2.90E-02	2.87E-03	1.61E-07	2.09E-04	1.63E-04	1.56E-04	3.24E-02	1.41E-02	2.87E-03	1.61E-07	1.02E-04	7.92E-05	7.60E-05	1.73E-02
4587	492363.09, 3859377.25	0.0188	0.0124	0.018	0.0278	0.0078	0.0231	0.0121	0.0124	2.55E-02	2.44E-03	1.21E-07	1.79E-04	1.59E-04	1.41E-04	2.85E-02	1.24E-02	2.44E-03	1.21E-07	8.69E-05	7.76E-05	6.86E-05	1.51E-02
4588	492863.09, 3859377.25	0.0167	0.0111	0.0146	0.0245	0.0085	0.0221	0.0108	0.0111	2.27E-02	2.18E-03	9.85E-08	1.58E-04	1.74E-04	1.35E-04	2.54E-02	1.11E-02	2.18E-03	9.85E-08	7.68E-05	8.48E-05	6.58E-05	1.35E-02
4589	493363.09, 3859377.25	0.0153	0.0093	0.0115	0.0201	0.0089	0.0207	0.0091	0.0093	2.08E-02	1.84E-03	7.77E-08	1.29E-04	1.82E-04	1.27E-04	2.31E-02	1.01E-02	1.84E-03	7.77E-08	6.30E-05	8.85E-05	6.17E-05	1.22E-02
4590	493863.09, 3859377.25	0.0139	0.0084	0.0099	0.0178	0.009	0.0233	0.0082	0.0084	1.89E-02	1.66E-03	6.64E-08	1.14E-04	1.84E-04	1.43E-04	2.10E-02	9.20E-03	1.66E-03	6.64E-08	5.57E-05	8.93E-05	6.94E-05	1.11E-02
4591	494363.09, 3859377.25	0.0128	0.0075	0.0085	0.0154	0.0087	0.0369	0.0074	0.0075	1.74E-02	1.49E-03	5.69E-08	9.91E-05	1.78E-04	2.26E-04	1.94E-02	8.46E-03	1.49E-03	5.69E-08	4.82E-05	8.67E-05	1.10E-04	1.02E-02
4592	494863.09, 3859377.25	0.0116	0.0065	0.0069	0.0127	0.0079	0.3913	0.0064	0.0065	1.58E-02	1.27E-03	4.62E-08	8.15E-05	1.62E-04	2.39E-03	1.97E-02	7.70E-03	1.27E-03	4.62E-08	3.97E-05	7.88E-05	1.17E-03	1.03E-02
4593	495363.09, 3859377.25	0.0107	0.006	0.0062	0.0116	0.0078	0.0562	0.0059	0.006	1.46E-02	1.18E-03	4.15E-08	7.46E-05	1.58E-04	3.44E-04	1.63E-02	7.10E-03	1.18E-03	4.15E-08	3.63E-05	7.71E-05	1.67E-04	8.56E-03
4594	495863.09, 3859377.25	0.0099	0.0055	0.0055	0.0104	0.0074	0.0381	0.0055	0.0055	1.34E-02	1.08E-03	3.70E-08	6.70E-05	1.51E-04	2.33E-04	1.50E-02	6.53E-03	1.08E-03	3.70E-08	3.26E-05	7.33E-05	1.13E-04	7.84E-03
4595	496363.09, 3859377.25	0.0092	0.0053	0.0052	0.0099	0.0074	0.0286	0.0053	0.0053	1.26E-02	1.04E-03	3.47E-08	6.34E-05	1.51E-04	1.75E-04	1.40E-02	6.12E-03	1.04E-03	3.47E-08	3.09E-05	7.33E-05	8.50E-05	7.35E-03
4596	496863.09, 3859377.25	0.0085	0.0049	0.0046	0.0087	0.0068	0.0217	0.0049	0.0049	1.16E-02	9.61E-04	3.08E-08	5.62E-05	1.39E-04	1.33E-04	1.28E-02	5.63E-03	9.61E-04	3.08E-08	2.74E-05	6.78E-05	6.47E-05	6.75E-03
4597	497363.09, 3859377.25	0.0081	0.0049	0.0045	0.0086	0.0071	0.0183	0.0049	0.0049	1.10E-02	9.61E-04	3.01E-08	5.54E-05	1.44E-04	1.12E-04	1.23E-02	5.37E-03	9.61E-04	3.01E-08	2.70E-05	7.00E-05	5.45E-05	6.49E-03
4598	497863.09, 3859377.25	0.0078	0.0051	0.0046	0.0089	0.0073	0.0165	0.005	0.0051	1.06E-02	9.99E-04	3.07E-08	5.69E-05	1.50E-04	1.01E-04	1.19E-02	5.16E-03	9.99E-04	3.07E-08	2.77E-05	7.29E-05	4.90E-05	6.30E-03
4599	498363.09, 3859377.25	0.0074	0.0053	0.0046	0.0089	0.0073	0.015	0.0052	0.0053	1.01E-02	1.03E-03	3.10E-08	5.70E-05	1.49E-04	9.20E-05	1.14E-02	4.91E-03	1.03E-03	3.10E-08	2.77E-05	7.26E-05	4.48E-05	6.09E-03
4600	471363.09, 3859877.25	0.0015	0.0011	0.0007	0.0011	0.0014	0.0012	0.0011	0.0011	2.10E-03	2.19E-04	4.98E-09	7.08E-06	2.92E-05	7.46E-06	2.36E-03	1.02E-03	2.19E-04	4.98E-09	3.44E-06	1.42E-05	3.63E-06	1.26E-03
4601	471863.09, 3859877.25	0.0016	0.0011	0.0008	0.0011	0.0015	0.0013	0.0011	0.0011	2.18E-03	2.25E-04	5.12E-09	7.33E-06	3.14E-05	7.71E-06	2.45E-03	1.06E-03	2.25E-04	5.12E-09	3.57E-06	1.53E-05	3.75E-06	1.31E-03
4602	472363.09, 3859877.25	0.0017	0.0012	0.0008	0.0012	0.0017	0.0013	0.0012	0.0012	2.26E-03	2.29E-04	5.25E-09	7.59E-06	3.37E-05	7.95E-06	2.54E-03	1.10E-03	2.29E-04	5.25E-09	3.69E-06	1.64E-05	3.87E-06	1.35E-03
4603	472863.09, 3859877.25	0.0017	0.0012	0.0008	0.0012	0.0018	0.0014	0.0012	0.0012	2.33E-03	2.36E-04	5.45E-09	7.91E-06	3.61E-05	8.38E-06	2.62E-03	1.13E-03	2.36E-04	5.45E-09	3.85E-06	1.76E-05	4.08E-06	1.40E-03
4604	473363.09, 3859877.25	0.0018	0.0012	0.0009	0.0013	0.0019	0.0014	0.0012	0.0012	2.41E-03	2.42E-04	5.72E-09	8.23E-06	3.85E-05	8.81E-06	2.71E-03	1.17E-03	2.42E-04	5.72E-09	4.01E-06	1.88E-05	4.29E-06	1.44E-03
4605	473863.09, 3859877.25	0.0019	0.0013	0.0009	0.0013	0.002	0.0015	0.0013	0.0013	2.52E-03	2.48E-04	5.99E-09	8.62E-06	4.08E-05	9.18E-06	2.83E-03	1.23E-03	2.48E-04	5.99E-09	4.20E-06	1.99E-05	4.47E-06	1.50E-03
4606	474363.09, 3859877.25	0.002	0.0012	0.0009	0.0014	0.0021	0.0015	0.0012	0.0012	2.65E-03	2.38E-04	5.79E-09	8.75E-06	4.22E-05	9.06E-06	2.95E-03	1.29E-03	2.38E-04	5.79E-09	4.26E-06	2.05E-05	4.41E-06	1.56E-03
4607	474863.09, 3859877.25	0.002	0.0011	0.0008	0.0014	0.002	0.0014	0.0012	0.0011	2.70E-03	2.23E-04	5.52E-09	8.68E-06	4.04E-05	8.69E-06	2.98E-03	1.31E-03	2.23E-04	5.52E-09	4.23E-06	1.97E-05	4.23E-06	1.56E-03
4608	475363.09, 3859877.25	0.0018	0.001	0.0007	0.0012	0.0015	0.0013	0.001	0.001	2.51E-03	1.93E-04	4.92E-09	7.72E-06	3.14E-05	7.77E-06	2.75E-03	1.22E-03	1.93E-04	4.92E-09	3.76E-06	1.53E-05	3.78E-06	1.44E-03
4609	475863.09, 3859877.25	0.0014	0.0008	0.0006	0.001	0.0011	0.0011	0.0009	0.0008	1.91E-03	1.65E-04	4.17E-09	6.50E-06	2.24E-05	6.85E-06	2.11E-03	9.28E-04	1.65E-04	4.17E-09	3.16E-06	1.09E-05	3.34E-06	1.11E-03
4610	476363.09, 3859877.25	0.0012	0.0008	0.0006	0.0009	0.001	0.001	0.0008	0.0008	1.57E-03	1.48E-04	3.77E-09	5.85E-06	2.06E-05	6.30E-06	1.75E-03	7.62E-04	1.48E-04	3.77E-09	2.85E-06	1.00E-05	3.07E-06	9.26E-04
4611	476863.09, 3859877.25	0.0012	0.0008	0.0006	0.001	0.0011	0.0011	0.0008	0.0008	1.67E-03	1.56E-04	4.04E-09	6.24E-06	2.24E-05	6.73E-06	1.87E-03	8.15E-04	1.56E-04	4.04E-09	3.04E-06	1.09E-05	3.28E-06	9.88E-04
4612	477363.09, 3859877.25	0.0013	0.0008	0.0006	0.001	0.0012	0.0012	0.0008	0.0008	1.76E-03	1.62E-04	4.24E-09	6.56E-06	2.41E-05	7.04E-06	1.96E-03	8.55E-04	1.62E-04	4.24E-09	3.19E-06	1.17E-05	3.42E-06	1.03E-03
4613	477863.09, 3859877.25	0.0018	0.0009	0.0007	0.0012	0.0014	0.0013	0.001	0.0009	2.41E-03	1.85E-04	4.85E-09	7.85E-06	2.92E-05	8.14E-06	2.64E-03	1.17E-03	1.85E-04	4.85E-09	3.82E-06	1.42E-05	3.96E-06	1.38E-03
4614	478363.09, 3859877.25	0.0024	0.0011	0.0008	0.0015	0.0019	0.0016	0.0011	0.0011	3.28E-03	2.15E-04	5.59E-09	9.71E-06	3.81E-05	9.73E-06	3.55E-03	1.60E-03	2.15E-04	5.59E-09	4.73E-06	1.86E-05	4.74E-06	1.84E-03
4615	478863.09, 3859877.25	0.0029	0.0013	0.0009	0.0018	0.0024	0.0019	0.0014	0.0013	3.88E-03	2.54E-04	6.26E-09	1.14E-05	4.87E-05	1.16E-05	4.21E-03	1.89E-03	2.54E-04	6.26E-09	5.57E-06	2.37E-05	5.63E-06	2.18E-03
4616	479363.09, 3859877.25	0.0031	0.0015	0.0011	0.0021	0.0027	0.0023	0.0016	0.0015	4.26E-03	3.01E-04	7.41E-09	1.33E-05	5.57E-05	1.40E-05	4.65E-03	2.07E-03	3.01E-04	7.41E-09	6.45E-06	2.71E-05	6.79E-06	2.42E-03
4617	479863.09, 3859877.25	0.0033	0.0017	0.0015	0.0023	0.003	0.0026	0.0017	0.0017	4.42E-03	3.39E-04	9.76E-09	1.49E-05	6.18E-05	1.62E-05	4.86E-03	2.15E-03	3.39E-04	9.76E-09	7.23E-06	3.01E-05	7.86E-06	2.54E-03
4618	480363.09, 3859877.25	0.0033	0.0019	0.0018	0.0025	0.0034	0.003	0.0018	0.0019	4.55E-03	3.70E-04	1.21E-08	1.62E-05	7.00E-05	1.80E-05	5.02E-03	2.21E-03	3.70E-04	1.21E-08	7.89E-06	3.41E-05	8.79E-06	2.63E-03
4619	480863.09, 3859877.25	0.0035	0.002	0.0018	0.0027	0.0037	0.0032	0.0019	0.002	4.70E-03	3.94E-04	1.24E-08	1.74E-05	7.61E-05	1.96E-05	5.20E-03	2.29E-03	3.94E-04	1.24E-08	8.48E-06	3.70E-05	9.56E-06	2.74E-03
4620	481363.09, 3859877.25	0.0036	0.0021	0.0018	0.0029	0.004	0.0035	0.002	0.0021	4.86E-03	4.14E-04	1.19E-08	1.87E-05	8.20E-05	2.11E-05	5.40E-03	2.37E-03	4.14E-04	1.19E-08	9.08E-06	3.99E-05	1.03E-05	2.84E-03
4621	481863.09, 3859877.25	0.0037	0.0022	0.002	0.0031	0.0043	0.0037	0.0021	0.0022	5.09E-03	4.33E-04	1.33E-08	1.99E-05	8.77E-05	2.26E-05	5.66E-03	2.48E-03	4.33E-04	1.33E-08	9.67E-06	4.27E-05	1.10E-05	2.98E-03
4622	482363.09, 3859877.25	0.004	0.0023	0.0023	0.0033	0.0046	0.004	0.0022	0.0023	5.38E-03	4.57E-04	1.57E-08	2.12E-05	9.36E-05	2.47E-05	5.97E-03	2.62E-03	4.57E-04	1.57E-08	1.03E-05	4.56E-05	1.20E-05	3.14E-03
4623	482863.09, 3859877.25	0.0041	0.0024	0.0026	0.0035	0.0049	0.0044	0.0023	0.0024	5.64E-03	4.79E-04	1.74E-08	2.28E-05	1.01E-04	2.68E-05	6.27E-03	2.74E-03	4.79E-04	1.74E-08	1.11E-05	4.89E-05	1.30E-05	3.30E-03
4624	483363.09, 3859877.25	0.0043	0.0026	0.0025	0.0038	0.0053	0.0049	0.0024	0.0026	5.90E-03	5.06E-04	1.65E-08	2.44E-05	1.09E-04	2.99E-05	6.56E-03	2.87E-03	5.06E-04	1.65E-08	1.19E-05	5.30E-05	1.45E-05	3.46E-03
4625	483863.09, 3859877.25	0.0044	0.0028	0.0024	0.004	0.0055	0.0057	0.0025	0.0028	5.99E-03	5.50E-04	1.63E-08	2.59E-05	1.12E-04	3.49E-05	6.71E-03	2.92E-03	5.50E-04	1.63E-08	1.26E-05	5.44E-05	1.70E-05	3.55E-03
4626	484363.09, 3859877.25	0.0048	0.003	0.0026	0.0043	0.0057	0.0064	0.0027	0.003	6.49E-03	5.83E-04	1.77E-08	2.77E-05	1.16E-04	3.92E-05	7.26E-03	3.16E-03	5.83E-04	1.77E-08	1.35E-05	5.64E-05	1.91E-05	3.83E-03
4627	484863.09, 3859877.25	0.0053	0.0032	0.0028	0.0047	0.0055	0.0074	0.0028	0.0032	7.26E-03	6.21E-04	1.89E-08	2.99E-05	1.13E-04	4.50E-05	8.06E-03	3.53E-03	6.21E-04	1.89E-08	1.46E-05	5.49E-05	2.19E-05	4.24E-03
4628	485363.09, 3859877.25	0.0062	0.0034	0.0032	0.0051	0.0053	0.0087	0.0031	0.0034	8.48E-03	6.74E-04	2.18E-08	3.25E-05	1.08E-04	5.32E-05	9.35E-03	4.13E-03	6.74E-04	2.18E-08	1.58E-05	5.24E-05	2.59E-05	4.90E-03
4629	485863.09, 3859877.25	0.0076	0.0038	0.0036	0.0056	0.0054	0.0105	0.0034	0.0038	1.03E-02	7.47E-04	2.40E-08	3.60E-05	1.11E-04	6.41E-05	1.13E-02	5.02E-03	7.47E-04	2.40E-08	1.75E-05	5.38E-05	3.12E-05	5.87E-03
4630	486363.09, 3859877.25	0.0095	0.0042	0.0046	0.0064	0.0054	0.0132	0.0038	0.0042	1.29E-02	8.33E-04	3.09E-08	4.08E-05	1.10E-04	8.09E-05	1.39E-02	6.26E-03	8.33E-04	3.09E-08	1.99E-05	5.37E-05	3.94E-05	7.21E-03
4631	486863.09, 3859877.25	0.0126	0.0048	0.0043	0.0074	0.0043	0.0184	0.0042	0.0048	1.71E-02	9.36E-04	2.88E-08	4.75E-05	8.83E-05	1.12E-04	1.83E-02	8.33E-03	9.36E-04	2.88E-08	2.31E-05	4.30E-05	5.47E-05	9.39E-03
4632	487363.09, 3859877.25	0.0225	0.0053	0.0046	0.0088	0.0036	0.0354	0.0048	0.0053	3.06E-02	1.05E-03	3.12E-08	5.63E-05	7.26E-05	2.16E-04	3.20E-02	1.49E-02	1.05E-03	3.12E-08	2.74E-05	3.53E-05	1.05E-04	1.61E-02
4633	487863.09, 3859877.25	0.0946	0.006	0.005	0.0109	0.0034	0.0789	0.0055	0.006	1.29E-01	1.19E-03	3.38E-08	7.02E-05	6.89E-05	4.83E-04	1.31E-01	6.27E-02	1.19E-03	3.38E-08	3.42E-05	3.36E-05	2.35E-04	6.42E-02
4634	488363.09, 3859877.25	0.0988	0.0069	0.007	0.0146	0.0028	0.2258	0.0064	0.0069	1.34E-01	1.36E-03	4.73E-08	9.42E-05	5.65E-05	1.38E-03	1.37E-01	6.54E-02	1.36E-03	4.73E-08	4.58E-05	2.75E-05	6.73E-04	6.76E-02
4635	488863.09, 3859877.25	0.0543	0.0086	0.0093	0.0267	0.0041	0.0522	0.0081	0.0086	7.39E-02	1.69E-03	6.27E-08	1.72E-04	8.36E-05	3.19E-04	7.62E-02	3.60E-02	1.69E-03	6.27E-08	8.36E-05	4.07E-05	1.55E-04	3.79E-02
4636	489363.09, 3859877.25	0.0428	0.0116	0.0157	0.1155	0.0075	0.0357	0.0112	0.0116	5.83E-02	2.28E-03	1.06E-07	7.43E-04	1.52E-04	2.18E-04	6.17E-02	2.84E-02	2.28E-03	1.06E-07	3.62E-04	7.42E-05	1.06E-04	3.12E-02
4637	489863.09, 3859877.25	0.0318	0.0182	0.0182	0.0459	0.0068	0.0325	0.0178	0.0182	4.33E-02	3.58E-03	1.23E-07	2.95E-04	1.39E-04	1.99E-04	4.75E-02	2.11E-02	3.58E-03	1.23E-07	1.44E-04	6.76E-05	9.69E-05	2.50E-02
4638	490363.09, 3859877.25	0.0274	0.0409	0.0188	0.0531	0.0054	0.0402	0.0402	0.0409	3.72E-02	8.05E-03	1.26E-07	3.41E-04	1.10E-04	2.46E-04	4.60E-02	1.81E-02	8.05E-03	1.26E-07	1.66E-04	5.37E-05	1.20E-04	2.65E-02
4639	490863.09, 3859877.25	0.064	0.3102	0.021	0.3251	0.0056	0.3393	0.3418	0.3102	8.72E-02	6.11E-02	1.41E-07	2.09E-03	1.14E-04	2.08E-03	1.53E-01	4.24E-02	6.11E-02	1.41E-07	1.02E-03	5.57E-05	1.01E-03	1.06E-01
4640	491363.09, 3859877.25	0.0365	0.06	0.0191	0.262	0.0059	0.1281	0.0599	0.06	4.97E-02	1.18E-02	1.29E-07	1.69E-03	1.19E-04	7.84E-04	6.42E-02	2.42E-02	1.18E-02	1.29E-07	8.20E-04	5.81E-05	3.81E-04	3.73E-02
4641	491863.09, 3859877.25	0.0223	0.0304	0.016	0.0894	0.0063	0.0624	0.0302	0.0304	3.04E-02	5.99E-03	1.08E-07	5.75E-04	1.28E-04	3.82E-04	3.75E-02	1.48E-02	5.99E-03	1.08E-07	2.80E-04	6.25E-05	1.86E-04	2.13E-02
4642	492363.09, 3859877.25	0.0176	0.0206	0.0132	0.0471	0.0061	0.045	0.0204	0.0206	2.39E-02	4.07E-03	8.86E-08	3.03E-04	1.25E-04	2.76E-04	2.87E-02	1.17E-02	4.07E-03	8.86E-08	1.48E-04	6.08E-05	1.34E-04	1.61E-02
4643	492863.09, 3859877.25	0.015	0.0152	0.0106	0.0293	0.0057	0.0364	0.015	0.0152	2.04E-02	2.98E-03	7.14E-08	1.88E-04	1.16E-04	2.23E-04	2.39E-02	9.93E-03	2.98E-03	7.14E-08	9.17E-05	5.65E-05	1.08E-04	1.32E-02
4644	493363.09, 3859877.25	0.0131	0.0125	0.009	0.022	0.0056	0.0346	0.0123	0.0125	1.79E-02	2.46E-03	6.08E-08	1.41E-04	1.14E-04	2.11E-04	2.08E-02	8.69E-03	2.46E-03	6.08E-08	6.88E-05	5.57E-05	1.03E-04	1.14E-02
4645	493863.09, 3859877.25	0.0118	0.0107	0.0079	0.0179	0.0059	0.0375	0.0105	0.0107	1.60E-02	2.12E-03	5.32E-08	1.15E-04	1.21E-04	2.29E-04	1.86E-02	7.80E-03	2.12E-03	5.32E-08	5.59E-05	5.90E-05	1.12E-04	1.01E-02
4646	494363.09, 3859877.25	0.0108	0.0093	0.0069	0.0149	0.0063	0.092	0.0091	0.0093	1.47E-02	1.82E-03	4.66E-08	9.59E-05	1.28E-04	5.63E-04	1.73E-02	7.17E-03	1.82E-03	4.66E-08	4.67E-05	6.23E-05	2.74E-04	9.38E-03

4647	494863.09, 3859877.25	0.0099	0.0085	0.0064	0.0133	0.0065	0.0602	0.0083	0.0085	1.35E-02	1.66E-03	4.28E-08	8.53E-05	1.32E-04	3.69E-04	1.58E-02	6.59E-03	1.66E-03	4.28E-08	4.15E-05	6.43E-05	1.79E-04	8.54E-03
4648	495363.09, 3859877.25	0.0093	0.0076	0.0058	0.0118	0.0065	0.0361	0.0075	0.0076	1.26E-02	1.51E-03	3.89E-08	7.58E-05	1.32E-04	2.21E-04	1.46E-02	6.14E-03	1.51E-03	3.89E-08	3.69E-05	6.41E-05	1.08E-04	7.86E-03
4649	495863.09, 3859877.25	0.0087	0.0069	0.0052	0.0106	0.0064	0.0264	0.0068	0.0069	1.19E-02	1.37E-03	3.53E-08	6.80E-05	1.30E-04	1.61E-04	1.36E-02	5.77E-03	1.37E-03	3.53E-08	3.31E-05	6.31E-05	7.86E-05	7.31E-03
4650	496363.09, 3859877.25	0.0082	0.0061	0.0046	0.0092	0.0061	0.0199	0.0061	0.0061	1.11E-02	1.21E-03	3.08E-08	5.92E-05	1.24E-04	1.22E-04	1.26E-02	5.42E-03	1.21E-03	3.08E-08	2.88E-05	6.03E-05	5.94E-05	6.78E-03
4651	496863.09, 3859877.25	0.0073	0.0051	0.0036	0.0073	0.0049	0.0145	0.0051	0.0051	9.88E-03	1.00E-03	2.44E-08	4.68E-05	1.00E-04	8.85E-05	1.11E-02	4.81E-03	1.00E-03	2.44E-08	2.28E-05	4.87E-05	4.31E-05	5.93E-03
4652	497363.09, 3859877.25	0.0072	0.0054	0.0039	0.0079	0.0058	0.0143	0.0054	0.0054	9.82E-03	1.06E-03	2.64E-08	5.10E-05	1.18E-04	8.77E-05	1.11E-02	4.78E-03	1.06E-03	2.64E-08	2.48E-05	5.77E-05	4.27E-05	5.97E-03
4653	497863.09, 3859877.25	0.0069	0.0058	0.0042	0.0084	0.0062	0.0139	0.0058	0.0058	9.38E-03	1.15E-03	2.85E-08	5.42E-05	1.26E-04	8.50E-05	1.08E-02	4.57E-03	1.15E-03	2.85E-08	2.64E-05	6.15E-05	4.14E-05	5.85E-03
4654	498363.09, 3859877.25	0.0064	0.0061	0.0043	0.0083	0.0062	0.0129	0.006	0.0061	8.77E-03	1.20E-03	2.86E-08	5.35E-05	1.27E-04	7.87E-05	1.02E-02	4.27E-03	1.20E-03	2.86E-08	2.60E-05	6.17E-05	3.83E-05	5.59E-03
4655	471363.09, 3860377.25	0.0015	0.0011	0.0007	0.0011	0.0016	0.0012	0.0011	0.0011	2.03E-03	2.15E-04	4.98E-09	7.01E-06	3.30E-05	7.40E-06	2.29E-03	9.87E-04	2.15E-04	4.98E-09	3.41E-06	1.61E-05	3.60E-06	1.23E-03
4656	471863.09, 3860377.25	0.0016	0.0011	0.0008	0.0011	0.0017	0.0013	0.0011	0.0011	2.11E-03	2.19E-04	5.12E-09	7.27E-06	3.45E-05	7.71E-06	2.38E-03	1.03E-03	2.19E-04	5.12E-09	3.54E-06	1.68E-05	3.75E-06	1.27E-03
4657	472363.09, 3860377.25	0.0016	0.0011	0.0008	0.0012	0.0018	0.0013	0.0011	0.0011	2.18E-03	2.25E-04	5.39E-09	7.53E-06	3.59E-05	8.08E-06	2.45E-03	1.06E-03	2.25E-04	5.39E-09	3.66E-06	1.75E-05	3.93E-06	1.31E-03
4658	472863.09, 3860377.25	0.0017	0.0012	0.0009	0.0012	0.0018	0.0014	0.0012	0.0012	2.25E-03	2.30E-04	5.79E-09	7.85E-06	3.73E-05	8.50E-06	2.53E-03	1.09E-03	2.30E-04	5.79E-09	3.82E-06	1.82E-05	4.14E-06	1.35E-03
4659	473363.09, 3860377.25	0.0017	0.0012	0.0009	0.0013	0.0019	0.0015	0.0012	0.0012	2.33E-03	2.36E-04	6.13E-09	8.17E-06	3.90E-05	8.93E-06	2.62E-03	1.13E-03	2.36E-04	6.13E-09	3.98E-06	1.90E-05	4.35E-06	1.40E-03
4660	473863.09, 3860377.25	0.0018	0.0012	0.001	0.0013	0.002	0.0015	0.0012	0.0012	2.42E-03	2.40E-04	6.40E-09	8.49E-06	4.04E-05	9.30E-06	2.72E-03	1.18E-03	2.40E-04	6.40E-09	4.13E-06	1.97E-05	4.53E-06	1.45E-03
4661	474363.09, 3860377.25	0.0019	0.0012	0.0009	0.0014	0.002	0.0016	0.0012	0.0012	2.56E-03	2.40E-04	6.33E-09	8.75E-06	4.16E-05	9.48E-06	2.86E-03	1.25E-03	2.40E-04	6.33E-09	4.26E-06	2.03E-05	4.62E-06	1.52E-03
4662	474863.09, 3860377.25	0.002	0.0012	0.0009	0.0014	0.0021	0.0015	0.0012	0.0012	2.70E-03	2.36E-04	5.86E-09	8.88E-06	4.20E-05	9.42E-06	2.99E-03	1.31E-03	2.36E-04	5.86E-09	4.32E-06	2.05E-05	4.59E-06	1.58E-03
4663	475363.09, 3860377.25	0.002	0.0011	0.0008	0.0014	0.002	0.0015	0.0012	0.0011	2.76E-03	2.23E-04	5.25E-09	8.75E-06	4.08E-05	9.06E-06	3.04E-03	1.35E-03	2.23E-04	5.25E-09	4.26E-06	1.99E-05	4.41E-06	1.60E-03
4664	475863.09, 3860377.25	0.0021	0.0011	0.0007	0.0013	0.0019	0.0014	0.0011	0.0011	2.79E-03	2.11E-04	4.98E-09	8.56E-06	3.83E-05	8.69E-06	3.06E-03	1.36E-03	2.11E-04	4.98E-09	4.16E-06	1.87E-05	4.23E-06	1.60E-03
4665	476363.09, 3860377.25	0.002	0.001	0.0007	0.0013	0.0016	0.0013	0.001	0.001	2.70E-03	1.93E-04	4.85E-09	8.17E-06	3.22E-05	8.20E-06	2.94E-03	1.31E-03	1.93E-04	4.85E-09	3.98E-06	1.57E-05	3.99E-06	1.53E-03
4666	476863.09, 3860377.25	0.0019	0.001	0.0007	0.0013	0.0015	0.0013	0.001	0.001	2.64E-03	1.89E-04	4.92E-09	8.04E-06	3.10E-05	8.14E-06	2.88E-03	1.29E-03	1.89E-04	4.92E-09	3.91E-06	1.51E-05	3.96E-06	1.50E-03
4667	477363.09, 3860377.25	0.0015	0.0009	0.0006	0.0011	0.0013	0.0012	0.0009	0.0009	2.07E-03	1.69E-04	4.24E-09	7.01E-06	2.61E-05	7.40E-06	2.28E-03	1.01E-03	1.69E-04	4.24E-09	3.41E-06	1.27E-05	3.60E-06	1.20E-03
4668	477863.09, 3860377.25	0.0018	0.0009	0.0007	0.0012	0.0014	0.0013	0.0009	0.0009	2.38E-03	1.81E-04	4.51E-09	7.78E-06	2.88E-05	8.02E-06	2.61E-03	1.16E-03	1.81E-04	4.51E-09	3.79E-06	1.40E-05	3.90E-06	1.36E-03
4669	478363.09, 3860377.25	0.0024	0.0011	0.0008	0.0015	0.0018	0.0016	0.0011	0.0011	3.24E-03	2.13E-04	5.19E-09	9.91E-06	3.65E-05	9.67E-06	3.51E-03	1.58E-03	2.13E-04	5.19E-09	4.82E-06	1.78E-05	4.71E-06	1.82E-03
4670	478863.09, 3860377.25	0.0027	0.0013	0.0009	0.0018	0.0022	0.0019	0.0013	0.0013	3.66E-03	2.48E-04	6.33E-09	1.16E-05	4.49E-05	1.14E-05	3.98E-03	1.78E-03	2.48E-04	6.33E-09	5.67E-06	2.18E-05	5.54E-06	2.06E-03
4671	479363.09, 3860377.25	0.0029	0.0015	0.0012	0.0021	0.0027	0.0022	0.0015	0.0015	3.98E-03	2.90E-04	8.08E-09	1.36E-05	5.47E-05	1.35E-05	4.35E-03	1.94E-03	2.90E-04	8.08E-09	6.61E-06	2.66E-05	6.58E-06	2.26E-03
4672	479863.09, 3860377.25	0.003	0.0017	0.0016	0.0024	0.0031	0.0026	0.0016	0.0017	4.06E-03	3.25E-04	1.08E-08	1.51E-05	6.32E-05	1.56E-05	4.48E-03	1.97E-03	3.25E-04	1.08E-08	7.36E-06	3.08E-05	7.59E-06	2.35E-03
4673	480363.09, 3860377.25	0.003	0.0018	0.0017	0.0025	0.0033	0.0028	0.0017	0.0018	4.11E-03	3.53E-04	1.17E-08	1.62E-05	6.75E-05	1.72E-05	4.57E-03	2.00E-03	3.53E-04	1.17E-08	7.89E-06	3.29E-05	8.37E-06	2.40E-03
4674	480863.09, 3860377.25	0.0031	0.0019	0.0018	0.0026	0.0035	0.0031	0.0018	0.0019	4.19E-03	3.76E-04	1.20E-08	1.70E-05	7.08E-05	1.87E-05	4.68E-03	2.04E-03	3.76E-04	1.20E-08	8.27E-06	3.44E-05	9.11E-06	2.47E-03
4675	481363.09, 3860377.25	0.0032	0.002	0.0019	0.0028	0.0036	0.0032	0.0019	0.002	4.34E-03	3.90E-04	1.29E-08	1.79E-05	7.38E-05	1.98E-05	4.84E-03	2.11E-03	3.90E-04	1.29E-08	8.74E-06	3.59E-05	9.65E-06	2.56E-03
4676	481863.09, 3860377.25	0.0033	0.0021	0.0022	0.0029	0.0038	0.0035	0.002	0.0021	4.49E-03	4.14E-04	1.47E-08	1.89E-05	7.75E-05	2.14E-05	5.02E-03	2.19E-03	4.14E-04	1.47E-08	9.21E-06	3.77E-05	1.04E-05	2.66E-03
4677	482363.09, 3860377.25	0.0035	0.0022	0.0023	0.0031	0.0041	0.0038	0.0021	0.0022	4.71E-03	4.33E-04	1.52E-08	2.01E-05	8.32E-05	2.33E-05	5.27E-03	2.29E-03	4.33E-04	1.52E-08	9.77E-06	4.05E-05	1.13E-05	2.79E-03
4678	482863.09, 3860377.25	0.0036	0.0023	0.0022	0.0033	0.0044	0.0041	0.0021	0.0023	4.91E-03	4.49E-04	1.49E-08	2.13E-05	8.99E-05	2.52E-05	5.50E-03	2.39E-03	4.49E-04	1.49E-08	1.04E-05	4.38E-05	1.23E-05	2.91E-03
4679	483363.09, 3860377.25	0.0037	0.0024	0.0022	0.0035	0.0047	0.0045	0.0023	0.0024	5.05E-03	4.77E-04	1.47E-08	2.26E-05	9.52E-05	2.77E-05	5.67E-03	2.46E-03	4.77E-04	1.47E-08	1.10E-05	4.64E-05	1.35E-05	3.01E-03
4680	483863.09, 3860377.25	0.0039	0.0025	0.0023	0.0037	0.0048	0.0049	0.0024	0.0025	5.30E-03	4.98E-04	1.52E-08	2.40E-05	9.73E-05	3.01E-05	5.95E-03	2.58E-03	4.98E-04	1.52E-08	1.17E-05	4.74E-05	1.47E-05	3.15E-03
4681	484363.09, 3860377.25	0.004	0.0027	0.0026	0.004	0.0043	0.0055	0.0025	0.0027	5.46E-03	5.30E-04	1.78E-08	2.55E-05	8.83E-05	3.38E-05	6.14E-03	2.66E-03	5.30E-04	1.78E-08	1.24E-05	4.30E-05	1.65E-05	3.26E-03
4682	484863.09, 3860377.25	0.0043	0.0028	0.0027	0.0043	0.004	0.0062	0.0026	0.0028	5.91E-03	5.56E-04	1.81E-08	2.79E-05	8.14E-05	3.78E-05	6.61E-03	2.88E-03	5.56E-04	1.81E-08	1.36E-05	3.96E-05	1.84E-05	3.50E-03
4683	485363.09, 3860377.25	0.0048	0.003	0.0026	0.0047	0.0041	0.007	0.0028	0.003	6.58E-03	5.87E-04	1.76E-08	3.04E-05	8.28E-05	4.25E-05	7.32E-03	3.20E-03	5.87E-04	1.76E-08	1.48E-05	4.03E-05	2.07E-05	3.86E-03
4684	485863.09, 3860377.25	0.0056	0.0032	0.0033	0.0052	0.0044	0.008	0.003	0.0032	7.68E-03	6.34E-04	2.24E-08	3.34E-05	8.89E-05	4.92E-05	8.48E-03	3.74E-03	6.34E-04	2.24E-08	1.62E-05	4.33E-05	2.39E-05	4.46E-03
4685	486363.09, 3860377.25	0.0068	0.0035	0.0033	0.0058	0.0039	0.0098	0.0032	0.0035	9.20E-03	6.91E-04	2.24E-08	3.72E-05	7.91E-05	6.00E-05	1.01E-02	4.48E-03	6.91E-04	2.24E-08	1.81E-05	3.85E-05	2.92E-05	5.26E-03
4686	486863.09, 3860377.25	0.0088	0.0038	0.0034	0.0066	0.0029	0.0131	0.0035	0.0038	1.20E-02	7.55E-04	2.27E-08	4.23E-05	5.83E-05	8.00E-05	1.29E-02	5.82E-03	7.55E-04	2.27E-08	2.06E-05	2.84E-05	3.89E-05	6.66E-03
4687	487363.09, 3860377.25	0.0153	0.0042	0.0038	0.0076	0.0028	0.028	0.0039	0.0042	2.09E-02	8.31E-04	2.53E-08	4.89E-05	5.65E-05	1.71E-04	2.20E-02	1.02E-02	8.31E-04	2.53E-08	2.38E-05	2.75E-05	8.33E-05	1.11E-02
4688	487863.09, 3860377.25	0.0833	0.0047	0.0037	0.0092	0.0026	0.0893	0.0044	0.0047	1.13E-01	9.34E-04	2.48E-08	5.92E-05	5.28E-05	5.46E-04	1.15E-01	5.52E-02	9.34E-04	2.48E-08	2.88E-05	2.57E-05	2.66E-04	5.65E-02
4689	488363.09, 3860377.25	0.1046	0.0053	0.0044	0.0124	0.0021	0.2005	0.005	0.0053	1.42E-01	1.05E-03	2.96E-08	8.00E-05	4.20E-05	1.23E-03	1.45E-01	6.93E-02	1.05E-03	2.96E-08	3.89E-05	2.05E-05	5.97E-04	7.11E-02
4690	488863.09, 3860377.25	0.1091	0.0061	0.0055	0.0231	0.0024	0.0516	0.0059	0.0061	1.48E-01	1.20E-03	3.71E-08	1.48E-04	4.85E-05	3.15E-04	1.50E-01	7.23E-02	1.20E-03	3.71E-08	7.22E-05	2.36E-05	1.54E-04	7.37E-02
4691	489363.09, 3860377.25	0.0508	0.0072	0.0071	0.1093	0.0045	0.0308	0.007	0.0072	6.92E-02	1.41E-03	4.75E-08	7.03E-04	9.12E-05	1.88E-04	7.16E-02	3.37E-02	1.41E-03	4.75E-08	3.42E-04	4.44E-05	9.16E-05	3.56E-02
4692	489863.09, 3860377.25	0.0261	0.0086	0.006	0.0349	0.006	0.0239	0.0085	0.0086	3.55E-02	1.70E-03	4.03E-08	2.24E-04	1.21E-04	1.46E-04	3.77E-02	1.73E-02	1.70E-03	4.03E-08	1.09E-04	5.91E-05	7.11E-05	1.92E-02
4693	490363.09, 3860377.25	0.0186	0.0111	0.0065	0.0264	0.0048	0.0214	0.0109	0.0111	2.54E-02	2.18E-03	4.39E-08	1.69E-04	9.73E-05	1.31E-04	2.79E-02	1.23E-02	2.18E-03	4.39E-08	8.25E-05	4.74E-05	6.36E-05	1.47E-02
4694	490863.09, 3860377.25	0.0158	0.0168	0.0063	0.0247	0.0039	0.0212	0.0165	0.0168	2.14E-02	3.30E-03	4.22E-08	1.59E-04	7.97E-05	1.30E-04	2.51E-02	1.04E-02	3.30E-03	4.22E-08	7.73E-05	3.88E-05	6.33E-05	1.39E-02
4695	491363.09, 3860377.25	0.0179	0.0506	0.0061	0.025	0.004	0.0237	0.0494	0.0506	2.44E-02	9.97E-03	4.09E-08	1.60E-04	8.14E-05	1.45E-04	3.47E-02	1.19E-02	9.97E-03	4.09E-08	7.81E-05	3.96E-05	7.06E-05	2.20E-02
4696	491863.09, 3860377.25	0.0236	0.0868	0.0066	0.0238	0.0041	0.0324	0.0895	0.0868	3.21E-02	1.71E-02	4.45E-08	1.53E-04	8.28E-05	1.98E-04	4.96E-02	1.56E-02	1.71E-02	4.45E-08	7.44E-05	4.03E-05	9.66E-05	3.29E-02
4697	492363.09, 3860377.25	0.0136	0.0349	0.0071	0.0221	0.0045	0.0802	0.0353	0.0349	1.85E-02	6.88E-03	4.81E-08	1.42E-04	9.18E-05	4.91E-04	2.61E-02	8.99E-03	6.88E-03	4.81E-08	6.93E-05	4.47E-05	2.39E-04	1.62E-02
4698	492863.09, 3860377.25	0.0109	0.0235	0.0069	0.0196	0.0047	0.347	0.0235	0.0235	1.49E-02	4.62E-03	4.67E-08	1.26E-04	9.57E-05	2.12E-03	2.18E-02	7.24E-03	4.62E-03	4.67E-08	6.13E-05	4.66E-05	1.03E-03	1.30E-02
4699	493363.09, 3860377.25	0.0098	0.017	0.0066	0.0168	0.0045	0.0923	0.0169	0.017	1.33E-02	3.34E-03	4.47E-08	1.08E-04	9.20E-05	5.65E-04	1.74E-02	6.48E-03	3.34E-03	4.47E-08	5.25E-05	4.48E-05	2.75E-04	1.02E-02
4700	493863.09, 3860377.25	0.0088	0.0146	0.0064	0.0147	0.0041	0.0811	0.0144	0.0146	1.19E-02	2.87E-03	4.28E-08	9.46E-05	8.32E-05	4.96E-04	1.55E-02	5.81E-03	2.87E-03	4.28E-08	4.61E-05	4.05E-05	2.42E-04	9.01E-03
4701	494363.09, 3860377.25	0.0082	0.0122	0.0059	0.013	0.004	0.0665	0.012	0.0122	1.12E-02	2.40E-03	3.96E-08	8.36E-05	8.24E-05	4.07E-04	1.42E-02	5.45E-03	2.40E-03	3.96E-08	4.07E-05	4.01E-05	1.98E-04	8.13E-03
4702	494863.09, 3860377.25	0.0076	0.0112	0.0056	0.0118	0.0042	0.0376	0.011	0.0112	1.04E-02	2.21E-03	3.76E-08	7.59E-05	8.65E-05	2.30E-04	1.30E-02	5.05E-03	2.21E-03	3.76E-08	3.69E-05	4.21E-05	1.12E-04	7.45E-03
4703	495363.09, 3860377.25	0.0073	0.0099	0.0051	0.0108	0.0046	0.0257	0.0097	0.0099	9.92E-03	1.95E-03	3.46E-08	6.93E-05	9.34E-05	1.57E-04	1.22E-02	4.83E-03	1.95E-03	3.46E-08	3.38E-05	4.55E-05	7.66E-05	6.94E-03
4704	495863.09, 3860377.25	0.0071	0.0084	0.0046	0.0096	0.0048	0.019	0.0083	0.0084	9.69E-03	1.65E-03	3.06E-08	6.14E-05	9.87E-05	1.16E-04	1.16E-02	4.72E-03	1.65E-03	3.06E-08	2.99E-05	4.80E-05	5.66E-05	6.51E-03
4705	496363.09, 3860377.25	0.0069	0.0073	0.004	0.0084	0.0048	0.0147	0.0072	0.0073	9.37E-03	1.44E-03	2.68E-08	5.39E-05	9.87E-05	9.00E-05	1.11E-02	4.56E-03	1.44E-03	2.68E-08	2.62E-05	4.80E-05	4.38E-05	6.12E-03
4706	496863.09, 3860377.25	0.0066	0.0066	0.0036	0.0075	0.0047	0.0122	0.0065	0.0066	8.96E-03	1.30E-03	2.43E-08	4.83E-05	9.57E-05	7.49E-05	1.05E-02	4.36E-03	1.30E-03	2.43E-08	2.35E-05	4.66E-05	3.65E-05	5.77E-03
4707	497363.09, 3860377.25	0.0062	0.0059	0.0032	0.0066	0.0044	0.0103	0.0059	0.0059	8.43E-03	1.16E-03	2.16E-08	4.26E-05	9.01E-05	6.27E-05	9.79E-03	4.10E-03	1.16E-03	2.16E-08	2.08E-05	4.39E-05	3.05E-05	5.36E-03
4708	497863.09, 3860377.25	0.006	0.0063	0.0035	0.0072	0.0048	0.0106	0.0062	0.0063	8.17E-03	1.23E-03	2.34E-08	4.61E-05	9.83E-05	6.46E-05	9.61E-03	3.98E-03	1.23E-03	2.34E-08	2.24E-05	4.78E-05	3.14E-05	5.31E-03

4709	498363.09, 3860377.25	0.0056	0.0067	0.0036	0.0074	0.005	0.0104	0.0066	0.0067	7.65E-03	1.32E-03	2.44E-08	4.74E-05	1.01E-04	6.34E-05	9.18E-03	3.72E-03	1.32E-03	2.44E-08	2.31E-05	4.93E-05	3.09E-05	5.14E-03
4710	471363.09, 3860877.25	0.0015	0.0011	0.0008	0.0011	0.0016	0.0013	0.0011	0.0011	1.97E-03	2.11E-04	5.19E-09	6.88E-06	3.24E-05	7.65E-06	2.23E-03	9.61E-04	2.11E-04	5.19E-09	3.35E-06	1.58E-05	3.72E-06	1.19E-03
4711	471863.09, 3860877.25	0.0015	0.0011	0.0008	0.0011	0.0017	0.0013	0.0011	0.0011	2.03E-03	2.15E-04	5.45E-09	7.20E-06	3.37E-05	8.02E-06	2.29E-03	9.87E-04	2.15E-04	5.45E-09	3.51E-06	1.64E-05	3.90E-06	1.23E-03
4712	472363.09, 3860877.25	0.0015	0.0011	0.0008	0.0012	0.0017	0.0014	0.0011	0.0011	2.10E-03	2.21E-04	5.66E-09	7.46E-06	3.49E-05	8.38E-06	2.37E-03	1.02E-03	2.21E-04	5.66E-09	3.63E-06	1.70E-05	4.08E-06	1.27E-03
4713	472863.09, 3860877.25	0.0016	0.0011	0.0009	0.0012	0.0018	0.0014	0.0011	0.0011	2.18E-03	2.25E-04	5.93E-09	7.78E-06	3.63E-05	8.75E-06	2.46E-03	1.06E-03	2.25E-04	5.93E-09	3.79E-06	1.77E-05	4.26E-06	1.31E-03
4714	473363.09, 3860877.25	0.0017	0.0012	0.0009	0.0013	0.0018	0.0015	0.0012	0.0012	2.26E-03	2.30E-04	6.06E-09	8.10E-06	3.75E-05	9.06E-06	2.55E-03	1.10E-03	2.30E-04	6.06E-09	3.95E-06	1.83E-05	4.41E-06	1.36E-03
4715	473863.09, 3860877.25	0.0017	0.0012	0.0009	0.0013	0.0019	0.0015	0.0012	0.0012	2.36E-03	2.34E-04	6.06E-09	8.49E-06	3.83E-05	9.42E-06	2.65E-03	1.15E-03	2.34E-04	6.06E-09	4.13E-06	1.87E-05	4.59E-06	1.41E-03
4716	474363.09, 3860877.25	0.0018	0.0012	0.0009	0.0014	0.0019	0.0016	0.0012	0.0012	2.46E-03	2.38E-04	5.99E-09	8.81E-06	3.85E-05	9.67E-06	2.76E-03	1.20E-03	2.38E-04	5.99E-09	4.29E-06	1.88E-05	4.71E-06	1.47E-03
4717	474863.09, 3860877.25	0.0019	0.0012	0.0009	0.0014	0.0019	0.0016	0.0012	0.0012	2.57E-03	2.42E-04	5.86E-09	9.26E-06	3.83E-05	1.00E-05	2.87E-03	1.25E-03	2.42E-04	5.86E-09	4.51E-06	1.87E-05	4.88E-06	1.52E-03
4718	475363.09, 3860877.25	0.002	0.0012	0.0009	0.0015	0.0018	0.0017	0.0012	0.0012	2.71E-03	2.40E-04	5.72E-09	9.58E-06	3.73E-05	1.01E-05	3.01E-03	1.32E-03	2.40E-04	5.72E-09	4.67E-06	1.82E-05	4.91E-06	1.59E-03
4719	475863.09, 3860877.25	0.0021	0.0012	0.0009	0.0015	0.0018	0.0016	0.0012	0.0012	2.83E-03	2.34E-04	5.79E-09	9.71E-06	3.59E-05	9.91E-06	3.12E-03	1.38E-03	2.34E-04	5.79E-09	4.73E-06	1.75E-05	4.82E-06	1.64E-03
4720	476363.09, 3860877.25	0.0021	0.0011	0.0008	0.0015	0.0017	0.0016	0.0012	0.0011	2.89E-03	2.23E-04	5.66E-09	9.65E-06	3.45E-05	9.48E-06	3.16E-03	1.40E-03	2.23E-04	5.66E-09	4.70E-06	1.68E-05	4.62E-06	1.65E-03
4721	476863.09, 3860877.25	0.0022	0.0011	0.0008	0.0015	0.0017	0.0015	0.0011	0.0011	2.95E-03	2.19E-04	5.39E-09	9.71E-06	3.47E-05	9.42E-06	3.23E-03	1.44E-03	2.19E-04	5.39E-09	4.73E-06	1.69E-05	4.59E-06	1.68E-03
4722	477363.09, 3860877.25	0.0023	0.0011	0.0008	0.0016	0.0018	0.0016	0.0012	0.0011	3.06E-03	2.21E-04	5.25E-09	1.00E-05	3.65E-05	9.73E-06	3.34E-03	1.49E-03	2.21E-04	5.25E-09	4.88E-06	1.78E-05	4.74E-06	1.74E-03
4723	477863.09, 3860877.25	0.0023	0.0011	0.0007	0.0015	0.0018	0.0015	0.0011	0.0011	3.06E-03	2.11E-04	4.85E-09	9.65E-06	3.67E-05	9.30E-06	3.33E-03	1.49E-03	2.11E-04	4.85E-09	4.70E-06	1.79E-05	4.53E-06	1.73E-03
4724	478363.09, 3860877.25	0.0019	0.0009	0.0007	0.0013	0.0016	0.0014	0.001	0.0009	2.56E-03	1.85E-04	4.65E-09	8.17E-06	3.16E-05	8.38E-06	2.79E-03	1.25E-03	1.85E-04	4.65E-09	3.98E-06	1.54E-05	4.08E-06	1.45E-03
4725	478863.09, 3860877.25	0.0025	0.0012	0.0009	0.0017	0.0023	0.0018	0.0012	0.0012	3.42E-03	2.34E-04	6.20E-09	1.09E-05	4.65E-05	1.08E-05	3.72E-03	1.66E-03	2.34E-04	6.20E-09	5.32E-06	2.26E-05	5.27E-06	1.93E-03
4726	479363.09, 3860877.25	0.0027	0.0014	0.0013	0.002	0.0027	0.0021	0.0014	0.0014	3.68E-03	2.78E-04	8.89E-09	1.29E-05	5.59E-05	1.31E-05	4.04E-03	1.79E-03	2.78E-04	8.89E-09	6.29E-06	2.72E-05	6.37E-06	2.11E-03
4727	479863.09, 3860877.25	0.0027	0.0016	0.0016	0.0022	0.0029	0.0025	0.0015	0.0016	3.70E-03	3.09E-04	1.08E-08	1.44E-05	5.85E-05	1.51E-05	4.10E-03	1.80E-03	3.09E-04	1.08E-08	7.01E-06	2.85E-05	7.33E-06	2.15E-03
4728	480363.09, 3860877.25	0.0027	0.0017	0.0017	0.0024	0.003	0.0027	0.0016	0.0017	3.72E-03	3.35E-04	1.16E-08	1.54E-05	6.08E-05	1.66E-05	4.14E-03	1.81E-03	3.35E-04	1.16E-08	7.51E-06	2.96E-05	8.10E-06	2.19E-03
4729	480863.09, 3860877.25	0.0028	0.0018	0.0017	0.0025	0.0031	0.0029	0.0017	0.0018	3.78E-03	3.51E-04	1.14E-08	1.61E-05	6.28E-05	1.79E-05	4.23E-03	1.84E-03	3.51E-04	1.14E-08	7.86E-06	3.06E-05	8.70E-06	2.24E-03
4730	481363.09, 3860877.25	0.0029	0.0019	0.0019	0.0026	0.0033	0.0031	0.0018	0.0019	3.88E-03	3.66E-04	1.29E-08	1.69E-05	6.63E-05	1.91E-05	4.35E-03	1.89E-03	3.66E-04	1.29E-08	8.20E-06	3.23E-05	9.29E-06	2.30E-03
4731	481863.09, 3860877.25	0.003	0.002	0.0019	0.0027	0.0035	0.0033	0.0019	0.002	4.03E-03	3.84E-04	1.26E-08	1.75E-05	7.12E-05	2.04E-05	4.52E-03	1.96E-03	3.84E-04	1.26E-08	8.52E-06	3.46E-05	9.95E-06	2.40E-03
4732	482363.09, 3860877.25	0.0031	0.002	0.0019	0.0029	0.0037	0.0036	0.0019	0.002	4.17E-03	4.02E-04	1.31E-08	1.85E-05	7.59E-05	2.19E-05	4.68E-03	2.03E-03	4.02E-04	1.31E-08	8.99E-06	3.69E-05	1.07E-05	2.49E-03
4733	482863.09, 3860877.25	0.0032	0.0021	0.002	0.0031	0.0039	0.0038	0.002	0.0021	4.32E-03	4.16E-04	1.33E-08	1.98E-05	7.97E-05	2.34E-05	4.85E-03	2.10E-03	4.16E-04	1.33E-08	9.64E-06	3.88E-05	1.14E-05	2.58E-03
4734	483363.09, 3860877.25	0.0033	0.0022	0.0019	0.0033	0.0039	0.0041	0.0021	0.0022	4.48E-03	4.35E-04	1.27E-08	2.12E-05	7.97E-05	2.52E-05	5.04E-03	2.18E-03	4.35E-04	1.27E-08	1.03E-05	3.88E-05	1.23E-05	2.68E-03
4735	483863.09, 3860877.25	0.0034	0.0023	0.0021	0.0036	0.0037	0.0045	0.0022	0.0023	4.64E-03	4.57E-04	1.44E-08	2.28E-05	7.46E-05	2.72E-05	5.22E-03	2.26E-03	4.57E-04	1.44E-08	1.11E-05	3.63E-05	1.33E-05	2.78E-03
4736	484363.09, 3860877.25	0.0035	0.0025	0.0023	0.0038	0.0033	0.0049	0.0023	0.0025	4.77E-03	4.83E-04	1.56E-08	2.43E-05	6.63E-05	3.00E-05	5.37E-03	2.32E-03	4.83E-04	1.56E-08	1.18E-05	3.23E-05	1.46E-05	2.86E-03
4737	484863.09, 3860877.25	0.0036	0.0026	0.0021	0.004	0.0031	0.0053	0.0024	0.0026	4.96E-03	5.02E-04	1.44E-08	2.57E-05	6.38E-05	3.26E-05	5.58E-03	2.41E-03	5.02E-04	1.44E-08	1.25E-05	3.11E-05	1.59E-05	2.97E-03
4738	485363.09, 3860877.25	0.0039	0.0027	0.0024	0.0044	0.0035	0.0059	0.0025	0.0027	5.34E-03	5.26E-04	1.64E-08	2.80E-05	7.16E-05	3.58E-05	6.00E-03	2.60E-03	5.26E-04	1.64E-08	1.36E-05	3.48E-05	1.74E-05	3.19E-03
4739	485863.09, 3860877.25	0.0044	0.0029	0.0029	0.0048	0.0035	0.0066	0.0027	0.0029	5.95E-03	5.61E-04	1.94E-08	3.08E-05	7.22E-05	4.04E-05	6.65E-03	2.90E-03	5.61E-04	1.94E-08	1.50E-05	3.51E-05	1.97E-05	3.53E-03
4740	486363.09, 3860877.25	0.005	0.0031	0.0028	0.0053	0.0027	0.0076	0.0029	0.0031	6.75E-03	6.01E-04	1.86E-08	3.38E-05	5.43E-05	4.67E-05	7.49E-03	3.29E-03	6.01E-04	1.86E-08	1.65E-05	2.64E-05	2.27E-05	3.95E-03
4741	486863.09, 3860877.25	0.0058	0.0033	0.0028	0.0059	0.0022	0.0092	0.0031	0.0033	7.90E-03	6.48E-04	1.87E-08	3.76E-05	4.45E-05	5.62E-05	8.68E-03	3.84E-03	6.48E-04	1.87E-08	1.83E-05	2.16E-05	2.74E-05	4.56E-03
4742	487363.09, 3860877.25	0.0071	0.0035	0.0028	0.0066	0.0023	0.0124	0.0033	0.0035	9.63E-03	6.97E-04	1.87E-08	4.25E-05	4.75E-05	7.58E-05	1.05E-02	4.69E-03	6.97E-04	1.87E-08	2.07E-05	2.31E-05	3.69E-05	5.46E-03
4743	487863.09, 3860877.25	0.0087	0.0039	0.0028	0.008	0.0021	0.0195	0.0036	0.0039	1.18E-02	7.58E-04	1.91E-08	5.13E-05	4.18E-05	1.19E-04	1.28E-02	5.75E-03	7.58E-04	1.91E-08	2.50E-05	2.04E-05	5.80E-05	6.61E-03
4744	488363.09, 3860877.25	0.0112	0.0042	0.0033	0.0106	0.0016	0.0237	0.004	0.0042	1.52E-02	8.35E-04	2.20E-08	6.84E-05	3.32E-05	1.45E-04	1.63E-02	7.40E-03	8.35E-04	2.20E-08	3.33E-05	1.62E-05	7.06E-05	8.36E-03
4745	488863.09, 3860877.25	0.0118	0.0046	0.0044	0.0209	0.0017	0.0205	0.0044	0.0046	1.61E-02	9.10E-04	2.95E-08	1.35E-04	3.51E-05	1.26E-04	1.73E-02	7.83E-03	9.10E-04	2.95E-08	6.55E-05	1.71E-05	6.11E-05	8.88E-03
4746	489363.09, 3860877.25	0.0119	0.0052	0.0038	0.0986	0.0025	0.0168	0.005	0.0052	1.62E-02	1.02E-03	2.53E-08	6.34E-04	5.10E-05	1.03E-04	1.80E-02	7.89E-03	1.02E-03	2.53E-08	3.09E-04	2.48E-05	5.00E-05	9.29E-03
4747	489863.09, 3860877.25	0.0108	0.0059	0.0035	0.0307	0.0043	0.0142	0.0058	0.0059	1.47E-02	1.17E-03	2.33E-08	1.97E-04	8.85E-05	8.69E-05	1.62E-02	7.14E-03	1.17E-03	2.33E-08	9.61E-05	4.31E-05	4.23E-05	8.49E-03
4748	490363.09, 3860877.25	0.0096	0.0072	0.0035	0.0208	0.0045	0.0131	0.007	0.0072	1.31E-02	1.41E-03	2.34E-08	1.34E-04	9.16E-05	8.04E-05	1.48E-02	6.36E-03	1.41E-03	2.34E-08	6.52E-05	4.46E-05	3.91E-05	7.91E-03
4749	490863.09, 3860877.25	0.0087	0.0092	0.0036	0.0169	0.0035	0.0128	0.009	0.0092	1.19E-02	1.81E-03	2.43E-08	1.09E-04	7.14E-05	7.84E-05	1.40E-02	5.79E-03	1.81E-03	2.43E-08	5.30E-05	3.47E-05	3.82E-05	7.72E-03
4750	491363.09, 3860877.25	0.008	0.0132	0.0036	0.0148	0.003	0.0129	0.013	0.0132	1.09E-02	2.60E-03	2.40E-08	9.53E-05	6.06E-05	7.86E-05	1.37E-02	5.28E-03	2.60E-03	2.40E-08	4.64E-05	2.95E-05	3.83E-05	8.00E-03
4751	491863.09, 3860877.25	0.0076	0.0287	0.0035	0.0133	0.0031	0.0132	0.0284	0.0287	1.03E-02	5.66E-03	2.35E-08	8.53E-05	6.40E-05	8.07E-05	1.62E-02	5.02E-03	5.66E-03	2.35E-08	4.15E-05	3.12E-05	3.93E-05	1.08E-02
4752	492363.09, 3860877.25	0.0071	0.1539	0.0036	0.012	0.0031	0.0137	0.1553	0.1539	9.63E-03	3.03E-02	2.40E-08	7.73E-05	6.24E-05	8.39E-05	4.02E-02	4.69E-03	3.03E-02	2.40E-08	3.76E-05	3.04E-05	4.09E-05	3.51E-02
4753	492863.09, 3860877.25	0.0067	0.0453	0.0037	0.0111	0.0032	0.0144	0.0455	0.0453	9.12E-03	8.92E-03	2.50E-08	7.14E-05	6.61E-05	8.83E-05	1.83E-02	4.44E-03	8.92E-03	2.50E-08	3.48E-05	3.22E-05	4.30E-05	1.35E-02
4754	493363.09, 3860877.25	0.0065	0.0286	0.004	0.0107	0.0036	0.0151	0.0286	0.0286	8.86E-03	5.63E-03	2.71E-08	6.86E-05	7.36E-05	9.23E-05	1.47E-02	4.31E-03	5.63E-03	2.71E-08	3.34E-05	3.58E-05	4.49E-05	1.01E-02
4755	493863.09, 3860877.25	0.0062	0.0223	0.0041	0.0104	0.0036	0.0153	0.0223	0.0223	8.45E-03	4.40E-03	2.73E-08	6.67E-05	7.42E-05	9.37E-05	1.31E-02	4.12E-03	4.40E-03	2.73E-08	3.25E-05	3.61E-05	4.56E-05	8.63E-03
4756	494363.09, 3860877.25	0.0059	0.0188	0.004	0.0099	0.0034	0.0145	0.0187	0.0188	8.09E-03	3.70E-03	2.69E-08	6.34E-05	6.87E-05	8.88E-05	1.20E-02	3.94E-03	3.70E-03	2.69E-08	3.08E-05	3.35E-05	4.32E-05	7.75E-03
4757	494863.09, 3860877.25	0.0057	0.0161	0.004	0.0093	0.0031	0.0139	0.016	0.0161	7.81E-03	3.17E-03	2.68E-08	6.00E-05	6.30E-05	8.49E-05	1.12E-02	3.80E-03	3.17E-03	2.68E-08	2.92E-05	3.07E-05	4.13E-05	7.08E-03
4758	495363.09, 3860877.25	0.0056	0.0141	0.004	0.0088	0.003	0.0129	0.014	0.0141	7.58E-03	2.77E-03	2.66E-08	5.65E-05	6.20E-05	7.92E-05	1.06E-02	3.69E-03	2.77E-03	2.66E-08	2.75E-05	3.02E-05	3.85E-05	6.56E-03
4759	495863.09, 3860877.25	0.0054	0.0128	0.0039	0.0083	0.0032	0.012	0.0127	0.0128	7.32E-03	2.51E-03	2.61E-08	5.33E-05	6.51E-05	7.32E-05	1.00E-02	3.57E-03	2.51E-03	2.61E-08	2.59E-05	3.17E-05	3.56E-05	6.17E-03
4760	496363.09, 3860877.25	0.0053	0.0109	0.0038	0.0078	0.0035	0.0111	0.0108	0.0109	7.26E-03	2.15E-03	2.54E-08	5.04E-05	7.12E-05	6.82E-05	9.60E-03	3.53E-03	2.15E-03	2.54E-08	2.45E-05	3.46E-05	3.32E-05	5.78E-03
4761	496863.09, 3860877.25	0.0054	0.0089	0.0035	0.0071	0.0038	0.0099	0.0088	0.0089	7.30E-03	1.75E-03	2.33E-08	4.59E-05	7.65E-05	6.03E-05	9.23E-03	3.55E-03	1.75E-03	2.33E-08	2.23E-05	3.72E-05	2.94E-05	5.39E-03
4762	497363.09, 3860877.25	0.0052	0.0084	0.0034	0.0068	0.0039	0.0092	0.0083	0.0084	7.07E-03	1.64E-03	2.26E-08	4.38E-05	7.87E-05	5.61E-05	8.89E-03	3.44E-03	1.64E-03	2.26E-08	2.13E-05	3.83E-05	2.73E-05	5.17E-03
4763	497863.09, 3860877.25	0.0051	0.0077	0.0032	0.0064	0.0039	0.0085	0.0076	0.0077	6.88E-03	1.51E-03	2.13E-08	4.14E-05	7.89E-05	5.18E-05	8.55E-03	3.35E-03	1.51E-03	2.13E-08	2.01E-05	3.84E-05	2.52E-05	4.94E-03
4764	498363.09, 3860877.25	0.0048	0.0077	0.0032	0.0064	0.0039	0.0083	0.0076	0.0077	6.55E-03	1.52E-03	2.15E-08	4.12E-05	8.04E-05	5.06E-05	8.24E-03	3.19E-03	1.52E-03	2.15E-08	2.00E-05	3.91E-05	2.46E-05	4.79E-03
4765	471363.09, 3861377.25	0.0014	0.0011	0.0008	0.0011	0.0016	0.0013	0.001	0.0011	1.92E-03	2.07E-04	5.25E-09	7.01E-06	3.20E-05	7.77E-06	2.17E-03	9.34E-04	2.07E-04	5.25E-09	3.41E-06	1.56E-05	3.78E-06	1.16E-03
4766	471863.09, 3861377.25	0.0015	0.0011	0.0008	0.0011	0.0016	0.0013	0.0011	0.0011	1.99E-03	2.11E-04	5.39E-09	7.33E-06	3.28E-05	8.08E-06	2.25E-03	9.68E-04	2.11E-04	5.39E-09	3.57E-06	1.60E-05	3.93E-06	1.20E-03
4767	472363.09, 3861377.25	0.0015	0.0011	0.0008	0.0012	0.0016	0.0014	0.0011	0.0011	2.06E-03	2.15E-04	5.45E-09	7.65E-06	3.34E-05	8.38E-06	2.32E-03	1.00E-03	2.15E-04	5.45E-09	3.73E-06	1.63E-05	4.08E-06	1.24E-03
4768	472863.09, 3861377.25	0.0016	0.0011	0.0008	0.0012	0.0017	0.0014	0.0011	0.0011	2.12E-03	2.21E-04	5.52E-09	7.98E-06	3.41E-05	8.69E-06	2.40E-03	1.03E-03	2.21E-04	5.52E-09	3.88E-06	1.66E-05	4.23E-06	1.28E-03
4769	473363.09, 3861377.25	0.0016	0.0011	0.0008	0.0013	0.0017	0.0015	0.0011	0.0011	2.21E-03	2.25E-04	5.52E-09	8.30E-06	3.39E-05	8.99E-06	2.48E-03	1.07E-03	2.25E-04	5.52E-09	4.04E-06	1.65E-05	4.38E-06	1.32E-03
4770	473863.09, 3861377.25	0.0017	0.0012	0.0008	0.0014	0.0016	0.0015	0.0011	0.0012	2.30E-03	2.29E-04	5.52E-09	8.68E-06	3.28E-05	9.30E-06	2.58E-03	1.12E-03	2.29E-04	5.52E-09	4.23E-06	1.60E-05	4.53E-06	1.37E-03

4771	474363.09, 3861377.25	0.0017	0.0012	0.0008	0.0014	0.0016	0.0016	0.0012	0.0012	2.37E-03	2.32E-04	5.66E-09	9.07E-06	3.34E-05	9.73E-06	2.65E-03	1.15E-03	2.32E-04	5.66E-09	4.41E-06	1.63E-05	4.74E-06	1.41E-03
4772	474863.09, 3861377.25	0.0018	0.0012	0.0009	0.0015	0.0016	0.0016	0.0012	0.0012	2.46E-03	2.36E-04	5.93E-09	9.39E-06	3.22E-05	9.97E-06	2.75E-03	1.20E-03	2.36E-04	5.93E-09	4.57E-06	1.57E-05	4.85E-06	1.46E-03
4773	475363.09, 3861377.25	0.0019	0.0012	0.001	0.0015	0.0016	0.0017	0.0012	0.0012	2.55E-03	2.42E-04	6.46E-09	9.78E-06	3.30E-05	1.04E-05	2.84E-03	1.24E-03	2.42E-04	6.46E-09	4.76E-06	1.61E-05	5.06E-06	1.51E-03
4774	475863.09, 3861377.25	0.002	0.0012	0.001	0.0016	0.0017	0.0017	0.0012	0.0012	2.65E-03	2.44E-04	6.60E-09	1.00E-05	3.43E-05	1.05E-05	2.95E-03	1.29E-03	2.44E-04	6.60E-09	4.88E-06	1.67E-05	5.12E-06	1.56E-03
4775	476363.09, 3861377.25	0.002	0.0012	0.001	0.0016	0.0018	0.0017	0.0012	0.0012	2.78E-03	2.42E-04	6.46E-09	1.02E-05	3.65E-05	1.05E-05	3.08E-03	1.35E-03	2.42E-04	6.46E-09	4.95E-06	1.78E-05	5.12E-06	1.62E-03
4776	476863.09, 3861377.25	0.0021	0.0012	0.0009	0.0016	0.002	0.0017	0.0012	0.0012	2.89E-03	2.40E-04	6.26E-09	1.03E-05	4.00E-05	1.06E-05	3.19E-03	1.40E-03	2.40E-04	6.26E-09	5.01E-06	1.95E-05	5.15E-06	1.67E-03
4777	477363.09, 3861377.25	0.0022	0.0012	0.0009	0.0016	0.0022	0.0017	0.0012	0.0012	2.98E-03	2.40E-04	6.13E-09	1.04E-05	4.38E-05	1.06E-05	3.29E-03	1.45E-03	2.40E-04	6.13E-09	5.07E-06	2.13E-05	5.18E-06	1.72E-03
4778	477863.09, 3861377.25	0.0022	0.0011	0.0009	0.0015	0.0021	0.0016	0.0012	0.0011	3.00E-03	2.23E-04	5.86E-09	9.91E-06	4.28E-05	9.85E-06	3.28E-03	1.46E-03	2.23E-04	5.86E-09	4.82E-06	2.08E-05	4.79E-06	1.71E-03
4779	478363.09, 3861377.25	0.002	0.001	0.0007	0.0013	0.0016	0.0014	0.001	0.001	2.67E-03	1.87E-04	4.92E-09	8.30E-06	3.28E-05	8.44E-06	2.91E-03	1.30E-03	1.87E-04	4.92E-09	4.04E-06	1.60E-05	4.11E-06	1.51E-03
4780	478863.09, 3861377.25	0.0022	0.001	0.0008	0.0015	0.0018	0.0015	0.0011	0.001	2.94E-03	2.01E-04	5.39E-09	9.33E-06	3.61E-05	9.30E-06	3.20E-03	1.43E-03	2.01E-04	5.39E-09	4.54E-06	1.76E-05	4.53E-06	1.66E-03
4781	479363.09, 3861377.25	0.0025	0.0013	0.0012	0.0019	0.0023	0.002	0.0013	0.0013	3.38E-03	2.58E-04	7.95E-09	1.20E-05	4.63E-05	1.24E-05	3.71E-03	1.64E-03	2.58E-04	7.95E-09	5.85E-06	2.25E-05	6.02E-06	1.94E-03
4782	479863.09, 3861377.25	0.0025	0.0015	0.0014	0.0021	0.0024	0.0024	0.0015	0.0015	3.38E-03	2.92E-04	9.43E-09	1.33E-05	4.98E-05	1.44E-05	3.75E-03	1.64E-03	2.92E-04	9.43E-09	6.45E-06	2.42E-05	7.03E-06	1.97E-03
4783	480363.09, 3861377.25	0.0025	0.0016	0.0015	0.0022	0.0027	0.0026	0.0016	0.0016	3.36E-03	3.17E-04	9.76E-09	1.41E-05	5.49E-05	1.62E-05	3.77E-03	1.64E-03	3.17E-04	9.76E-09	6.86E-06	2.67E-05	7.86E-06	2.00E-03
4784	480863.09, 3861377.25	0.0025	0.0017	0.0015	0.0023	0.0029	0.0028	0.0016	0.0017	3.42E-03	3.33E-04	1.02E-08	1.48E-05	5.83E-05	1.72E-05	3.84E-03	1.66E-03	3.33E-04	1.02E-08	7.20E-06	2.84E-05	8.37E-06	2.04E-03
4785	481363.09, 3861377.25	0.0026	0.0018	0.0016	0.0024	0.003	0.003	0.0017	0.0018	3.47E-03	3.47E-04	1.10E-08	1.56E-05	6.20E-05	1.81E-05	3.91E-03	1.69E-03	3.47E-04	1.10E-08	7.61E-06	3.02E-05	8.82E-06	2.08E-03
4786	481863.09, 3861377.25	0.0026	0.0018	0.0016	0.0026	0.0032	0.0032	0.0017	0.0018	3.58E-03	3.62E-04	1.08E-08	1.66E-05	6.53E-05	1.93E-05	4.04E-03	1.74E-03	3.62E-04	1.08E-08	8.08E-06	3.18E-05	9.38E-06	2.15E-03
4787	482363.09, 3861377.25	0.0027	0.0019	0.0017	0.0028	0.0033	0.0034	0.0018	0.0019	3.70E-03	3.76E-04	1.13E-08	1.78E-05	6.71E-05	2.06E-05	4.18E-03	1.80E-03	3.76E-04	1.13E-08	8.64E-06	3.27E-05	1.00E-05	2.23E-03
4788	482863.09, 3861377.25	0.0028	0.002	0.0018	0.0029	0.0032	0.0036	0.0019	0.002	3.80E-03	3.86E-04	1.21E-08	1.89E-05	6.61E-05	2.20E-05	4.29E-03	1.85E-03	3.86E-04	1.21E-08	9.21E-06	3.22E-05	1.07E-05	2.29E-03
4789	483363.09, 3861377.25	0.0029	0.002	0.0018	0.0031	0.003	0.0038	0.0019	0.002	3.91E-03	4.02E-04	1.23E-08	1.99E-05	6.18E-05	2.32E-05	4.41E-03	1.90E-03	4.02E-04	1.23E-08	9.71E-06	3.01E-05	1.13E-05	2.35E-03
4790	483863.09, 3861377.25	0.0029	0.0021	0.002	0.0033	0.0027	0.004	0.002	0.0021	3.99E-03	4.18E-04	1.37E-08	2.10E-05	5.51E-05	2.47E-05	4.51E-03	1.94E-03	4.18E-04	1.37E-08	1.02E-05	2.68E-05	1.20E-05	2.41E-03
4791	484363.09, 3861377.25	0.003	0.0022	0.002	0.0035	0.0026	0.0043	0.0021	0.0022	4.11E-03	4.35E-04	1.36E-08	2.23E-05	5.32E-05	2.64E-05	4.65E-03	2.00E-03	4.35E-04	1.36E-08	1.09E-05	2.59E-05	1.28E-05	2.49E-03
4792	484863.09, 3861377.25	0.003	0.0023	0.0021	0.0037	0.0029	0.0046	0.0022	0.0023	4.13E-03	4.53E-04	1.43E-08	2.38E-05	5.83E-05	2.83E-05	4.69E-03	2.01E-03	4.53E-04	1.43E-08	1.16E-05	2.84E-05	1.38E-05	2.51E-03
4793	485363.09, 3861377.25	0.0031	0.0024	0.0023	0.004	0.003	0.0049	0.0023	0.0024	4.19E-03	4.69E-04	1.54E-08	2.56E-05	6.18E-05	3.00E-05	4.78E-03	2.04E-03	4.69E-04	1.54E-08	1.25E-05	3.01E-05	1.46E-05	2.57E-03
4794	485863.09, 3861377.25	0.0032	0.0025	0.0022	0.0043	0.0026	0.0053	0.0024	0.0025	4.40E-03	4.91E-04	1.46E-08	2.77E-05	5.32E-05	3.24E-05	5.00E-03	2.14E-03	4.91E-04	1.46E-08	1.35E-05	2.59E-05	1.58E-05	2.69E-03
4795	486363.09, 3861377.25	0.0035	0.0027	0.0021	0.0047	0.0019	0.0057	0.0025	0.0027	4.71E-03	5.22E-04	1.38E-08	2.99E-05	3.90E-05	3.49E-05	5.34E-03	2.29E-03	5.22E-04	1.38E-08	1.46E-05	1.90E-05	1.70E-05	2.87E-03
4796	486863.09, 3861377.25	0.0037	0.0028	0.0023	0.0051	0.0018	0.0063	0.0027	0.0028	5.09E-03	5.59E-04	1.53E-08	3.29E-05	3.65E-05	3.84E-05	5.76E-03	2.48E-03	5.59E-04	1.53E-08	1.60E-05	1.78E-05	1.87E-05	3.09E-03
4797	487363.09, 3861377.25	0.0039	0.003	0.0025	0.0058	0.0021	0.0068	0.0029	0.003	5.28E-03	5.99E-04	1.69E-08	3.74E-05	4.22E-05	4.15E-05	6.00E-03	2.57E-03	5.99E-04	1.69E-08	1.82E-05	2.05E-05	2.02E-05	3.23E-03
4798	487863.09, 3861377.25	0.0038	0.0033	0.0023	0.0071	0.0017	0.0072	0.0031	0.0033	5.15E-03	6.42E-04	1.56E-08	4.54E-05	3.49E-05	4.41E-05	5.91E-03	2.50E-03	6.42E-04	1.56E-08	2.21E-05	1.70E-05	2.15E-05	3.21E-03
4799	488363.09, 3861377.25	0.004	0.0035	0.0026	0.0096	0.0013	0.0076	0.0033	0.0035	5.47E-03	6.93E-04	1.73E-08	6.16E-05	2.61E-05	4.66E-05	6.30E-03	2.66E-03	6.93E-04	1.73E-08	3.00E-05	1.27E-05	2.27E-05	3.42E-03
4800	488863.09, 3861377.25	0.0044	0.0038	0.003	0.0198	0.0014	0.0078	0.0037	0.0038	6.02E-03	7.51E-04	2.01E-08	1.27E-04	2.83E-05	4.75E-05	6.97E-03	2.93E-03	7.51E-04	2.01E-08	6.21E-05	1.38E-05	2.31E-05	3.78E-03
4801	489363.09, 3861377.25	0.0048	0.0041	0.0025	0.1026	0.0015	0.0078	0.004	0.0041	6.55E-03	8.12E-04	1.67E-08	6.60E-04	3.00E-05	4.77E-05	8.10E-03	3.19E-03	8.12E-04	1.67E-08	3.21E-04	1.46E-05	2.32E-05	4.36E-03
4802	489863.09, 3861377.25	0.005	0.0046	0.0025	0.0289	0.0029	0.0079	0.0045	0.0046	6.79E-03	8.96E-04	1.66E-08	1.86E-04	5.81E-05	4.82E-05	7.98E-03	3.31E-03	8.96E-04	1.66E-08	9.03E-05	2.83E-05	2.34E-05	4.35E-03
4803	490363.09, 3861377.25	0.0049	0.0052	0.0022	0.0187	0.0038	0.008	0.0051	0.0052	6.63E-03	1.02E-03	1.48E-08	1.20E-04	7.75E-05	4.86E-05	7.90E-03	3.23E-03	1.02E-03	1.48E-08	5.85E-05	3.77E-05	2.37E-05	4.37E-03
4804	490863.09, 3861377.25	0.0048	0.0062	0.0027	0.0147	0.0035	0.008	0.006	0.0062	6.52E-03	1.21E-03	1.82E-08	9.42E-05	7.10E-05	4.86E-05	7.95E-03	3.17E-03	1.21E-03	1.82E-08	4.59E-05	3.45E-05	2.37E-05	4.49E-03
4805	491363.09, 3861377.25	0.0047	0.0076	0.0025	0.0122	0.0027	0.008	0.0076	0.0076	6.45E-03	1.51E-03	1.68E-08	7.87E-05	5.49E-05	4.92E-05	8.14E-03	3.14E-03	1.51E-03	1.68E-08	3.83E-05	2.67E-05	2.39E-05	4.74E-03
4806	491863.09, 3861377.25	0.0047	0.0105	0.0025	0.0109	0.0024	0.0082	0.0105	0.0105	6.45E-03	2.08E-03	1.66E-08	7.00E-05	4.81E-05	5.04E-05	8.70E-03	3.14E-03	2.08E-03	1.66E-08	3.41E-05	2.34E-05	2.45E-05	5.30E-03
4807	492363.09, 3861377.25	0.0047	0.0185	0.0024	0.0099	0.0025	0.0083	0.0184	0.0185	6.41E-03	3.65E-03	1.61E-08	6.39E-05	5.16E-05	5.06E-05	1.02E-02	3.12E-03	3.65E-03	1.61E-08	3.11E-05	2.51E-05	2.46E-05	6.85E-03
4808	492863.09, 3861377.25	0.0046	0.0644	0.0025	0.009	0.0025	0.0081	0.0639	0.0644	6.25E-03	1.27E-02	1.68E-08	5.79E-05	5.10E-05	4.94E-05	1.91E-02	3.04E-03	1.27E-02	1.68E-08	2.82E-05	2.48E-05	2.40E-05	1.58E-02
4809	493363.09, 3861377.25	0.0045	0.2889	0.0026	0.0085	0.0025	0.008	0.2731	0.2889	6.11E-03	5.69E-02	1.72E-08	5.47E-05	5.16E-05	4.92E-05	6.32E-02	2.98E-03	5.69E-02	1.72E-08	2.66E-05	2.51E-05	2.39E-05	6.00E-02
4810	493863.09, 3861377.25	0.0044	0.0861	0.0026	0.0078	0.0028	0.0078	0.0849	0.0861	5.92E-03	1.70E-02	1.74E-08	5.04E-05	5.63E-05	4.78E-05	2.30E-02	2.88E-03	1.70E-02	1.74E-08	2.45E-05	2.74E-05	2.33E-05	1.99E-02
4811	494363.09, 3861377.25	0.0043	0.0498	0.0027	0.0074	0.0029	0.0077	0.0496	0.0498	5.80E-03	9.81E-03	1.80E-08	4.74E-05	5.98E-05	4.68E-05	1.58E-02	2.82E-03	9.81E-03	1.80E-08	2.31E-05	2.91E-05	2.28E-05	1.27E-02
4812	494863.09, 3861377.25	0.0042	0.035	0.0028	0.0072	0.0029	0.0076	0.0349	0.035	5.70E-03	6.89E-03	1.85E-08	4.61E-05	5.87E-05	4.65E-05	1.27E-02	2.78E-03	6.89E-03	1.85E-08	2.24E-05	2.86E-05	2.26E-05	9.74E-03
4813	495363.09, 3861377.25	0.0041	0.0273	0.0027	0.0069	0.0026	0.0075	0.0273	0.0273	5.60E-03	5.38E-03	1.85E-08	4.43E-05	5.38E-05	4.59E-05	1.11E-02	2.72E-03	5.38E-03	1.85E-08	2.15E-05	2.62E-05	2.23E-05	8.18E-03
4814	495863.09, 3861377.25	0.004	0.0228	0.0027	0.0065	0.0024	0.0073	0.0228	0.0228	5.49E-03	4.49E-03	1.82E-08	4.20E-05	4.87E-05	4.45E-05	1.01E-02	2.67E-03	4.49E-03	1.82E-08	2.04E-05	2.37E-05	2.17E-05	7.23E-03
4815	496363.09, 3861377.25	0.004	0.0189	0.0027	0.0063	0.0024	0.0072	0.0189	0.0189	5.46E-03	3.72E-03	1.85E-08	4.06E-05	4.81E-05	4.41E-05	9.31E-03	2.66E-03	3.72E-03	1.85E-08	1.98E-05	2.34E-05	2.14E-05	6.44E-03
4816	496863.09, 3861377.25	0.0041	0.0148	0.0028	0.0062	0.0025	0.0072	0.0148	0.0148	5.54E-03	2.91E-03	1.91E-08	3.97E-05	5.18E-05	4.39E-05	8.59E-03	2.70E-03	2.91E-03	1.91E-08	1.93E-05	2.52E-05	2.14E-05	5.68E-03
4817	497363.09, 3861377.25	0.004	0.013	0.0028	0.0059	0.0027	0.007	0.0129	0.013	5.50E-03	2.56E-03	1.91E-08	3.82E-05	5.59E-05	4.27E-05	8.19E-03	2.68E-03	2.56E-03	1.91E-08	1.86E-05	2.72E-05	2.08E-05	5.30E-03
4818	497863.09, 3861377.25	0.004	0.0115	0.0028	0.0057	0.0029	0.0068	0.0115	0.0115	5.45E-03	2.27E-03	1.88E-08	3.69E-05	5.98E-05	4.13E-05	7.86E-03	2.65E-03	2.27E-03	1.88E-08	1.79E-05	2.91E-05	2.01E-05	4.99E-03
4819	498363.09, 3861377.25	0.004	0.0103	0.0028	0.0055	0.0031	0.0065	0.0103	0.0103	5.39E-03	2.03E-03	1.85E-08	3.56E-05	6.26E-05	3.98E-05	7.56E-03	2.62E-03	2.03E-03	1.85E-08	1.73E-05	3.05E-05	1.94E-05	4.72E-03
4820	471363.09, 3861877.25	0.0014	0.001	0.0008	0.0011	0.0015	0.0013	0.001	0.001	1.87E-03	2.01E-04	5.05E-09	7.20E-06	2.98E-05	7.83E-06	2.11E-03	9.08E-04	2.01E-04	5.05E-09	3.51E-06	1.45E-05	3.81E-06	1.13E-03
4821	471863.09, 3861877.25	0.0014	0.001	0.0008	0.0012	0.0015	0.0013	0.001	0.001	1.93E-03	2.05E-04	5.12E-09	7.46E-06	2.96E-05	8.08E-06	2.18E-03	9.41E-04	2.05E-04	5.12E-09	3.63E-06	1.44E-05	3.93E-06	1.17E-03
4822	472363.09, 3861877.25	0.0015	0.0011	0.0008	0.0012	0.0014	0.0014	0.001	0.0011	1.99E-03	2.09E-04	5.19E-09	7.72E-06	2.92E-05	8.38E-06	2.24E-03	9.68E-04	2.09E-04	5.19E-09	3.76E-06	1.42E-05	4.08E-06	1.20E-03
4823	472863.09, 3861877.25	0.0015	0.0011	0.0008	0.0012	0.0014	0.0014	0.0011	0.0011	2.06E-03	2.15E-04	5.25E-09	7.98E-06	2.90E-05	8.69E-06	2.32E-03	1.00E-03	2.15E-04	5.25E-09	3.88E-06	1.41E-05	4.23E-06	1.24E-03
4824	473363.09, 3861877.25	0.0016	0.0011	0.0008	0.0013	0.0014	0.0015	0.0011	0.0011	2.12E-03	2.19E-04	5.32E-09	8.23E-06	2.88E-05	8.99E-06	2.39E-03	1.03E-03	2.19E-04	5.32E-09	4.01E-06	1.40E-05	4.38E-06	1.27E-03
4825	473863.09, 3861877.25	0.0016	0.0011	0.0008	0.0013	0.0014	0.0015	0.0011	0.0011	2.19E-03	2.23E-04	5.45E-09	8.49E-06	2.92E-05	9.30E-06	2.46E-03	1.07E-03	2.23E-04	5.45E-09	4.13E-06	1.42E-05	4.53E-06	1.31E-03
4826	474363.09, 3861877.25	0.0017	0.0012	0.0009	0.0014	0.0015	0.0016	0.0011	0.0012	2.26E-03	2.27E-04	5.79E-09	8.81E-06	3.04E-05	9.61E-06	2.54E-03	1.10E-03	2.27E-04	5.79E-09	4.29E-06	1.48E-05	4.68E-06	1.35E-03
4827	474863.09, 3861877.25	0.0017	0.0012	0.0009	0.0014	0.0016	0.0016	0.0011	0.0012	2.34E-03	2.30E-04	6.26E-09	9.07E-06	3.20E-05	9.85E-06	2.62E-03	1.14E-03	2.30E-04	6.26E-09	4.41E-06	1.56E-05	4.79E-06	1.40E-03
4828	475363.09, 3861877.25	0.0018	0.0012	0.001	0.0015	0.0017	0.0017	0.0012	0.0012	2.41E-03	2.34E-04	6.60E-09	9.33E-06	3.45E-05	1.01E-05	2.70E-03	1.17E-03	2.34E-04	6.60E-09	4.54E-06	1.68E-05	4.91E-06	1.43E-03
4829	475863.09, 3861877.25	0.0018	0.0012	0.001	0.0015	0.0018	0.0017	0.0012	0.0012	2.46E-03	2.40E-04	6.87E-09	9.65E-06	3.73E-05	1.05E-05	2.76E-03	1.20E-03	2.40E-04	6.87E-09	4.70E-06	1.82E-05	5.09E-06	1.47E-03
4830	476363.09, 3861877.25	0.0019	0.0012	0.001	0.0016	0.002	0.0018	0.0012	0.0012	2.53E-03	2.44E-04	6.94E-09	9.97E-06	3.98E-05	1.07E-05	2.84E-03	1.23E-03	2.44E-04	6.94E-09	4.85E-06	1.94E-05	5.21E-06	1.51E-03
4831	476863.09, 3861877.25	0.0019	0.0013	0.001	0.0016	0.0021	0.0018	0.0012	0.0013	2.63E-03	2.46E-04	6.94E-09	1.02E-05	4.26E-05	1.09E-05	2.94E-03	1.28E-03	2.46E-04	6.94E-09	4.98E-06	2.07E-05	5.30E-06	1.56E-03
4832	477363.09, 3861877.25	0.002	0.0013	0.001	0.0016	0.0021	0.0018	0.0012	0.0013	2.72E-03	2.46E-04	7.00E-09	1.04E-05	4.34E-05	1.10E-05	3.03E-03	1.33E-03	2.46E-04	7.00E-09	5.04E-06	2.11E-05	5.33E-06	1.60E-03

4833	477863.09, 3861877.25	0.002	0.0011	0.0009	0.0015	0.0019	0.0016	0.0011	0.0011	2.78E-03	2.19E-04	5.79E-09	9.52E-06	3.90E-05	9.79E-06	3.05E-03	1.35E-03	2.19E-04	5.79E-09	4.63E-06	1.90E-05	4.77E-06	1.60E-03
4834	478363.09, 3861877.25	0.0017	0.0009	0.0006	0.0012	0.0014	0.0013	0.0009	0.0009	2.30E-03	1.73E-04	4.24E-09	7.46E-06	2.83E-05	7.77E-06	2.52E-03	1.12E-03	1.73E-04	4.24E-09	3.63E-06	1.38E-05	3.78E-06	1.31E-03
4835	478863.09, 3861877.25	0.0021	0.001	0.0008	0.0014	0.0017	0.0015	0.0011	0.001	2.82E-03	2.03E-04	5.59E-09	9.13E-06	3.43E-05	9.42E-06	3.07E-03	1.37E-03	2.03E-04	5.59E-09	4.45E-06	1.67E-05	4.59E-06	1.60E-03
4836	479363.09, 3861877.25	0.0021	0.001	0.0008	0.0014	0.0017	0.0015	0.0011	0.001	2.80E-03	1.97E-04	5.25E-09	9.13E-06	3.53E-05	9.30E-06	3.06E-03	1.37E-03	1.97E-04	5.25E-09	4.45E-06	1.72E-05	4.53E-06	1.59E-03
4837	479863.09, 3861877.25	0.0023	0.0014	0.0012	0.0019	0.0024	0.0022	0.0014	0.0014	3.09E-03	2.78E-04	7.88E-09	1.24E-05	4.87E-05	1.35E-05	3.44E-03	1.50E-03	2.78E-04	7.88E-09	6.01E-06	2.37E-05	6.58E-06	1.82E-03
4838	480363.09, 3861877.25	0.0022	0.0015	0.0013	0.0021	0.0026	0.0025	0.0015	0.0015	3.04E-03	3.03E-04	8.42E-09	1.34E-05	5.26E-05	1.53E-05	3.42E-03	1.48E-03	3.03E-04	8.42E-09	6.54E-06	2.56E-05	7.45E-06	1.82E-03
4839	480863.09, 3861877.25	0.0023	0.0016	0.0014	0.0022	0.0027	0.0026	0.0015	0.0016	3.08E-03	3.15E-04	9.63E-09	1.42E-05	5.49E-05	1.62E-05	3.48E-03	1.50E-03	3.15E-04	9.63E-09	6.92E-06	2.67E-05	7.86E-06	1.85E-03
4840	481363.09, 3861877.25	0.0023	0.0017	0.0015	0.0023	0.0028	0.0028	0.0016	0.0017	3.09E-03	3.27E-04	9.83E-09	1.50E-05	5.65E-05	1.71E-05	3.51E-03	1.50E-03	3.27E-04	9.83E-09	7.30E-06	2.75E-05	8.31E-06	1.87E-03
4841	481863.09, 3861877.25	0.0023	0.0017	0.0015	0.0024	0.0028	0.003	0.0017	0.0017	3.16E-03	3.41E-04	9.83E-09	1.57E-05	5.75E-05	1.82E-05	3.59E-03	1.54E-03	3.41E-04	9.83E-09	7.64E-06	2.80E-05	8.88E-06	1.92E-03
4842	482363.09, 3861877.25	0.0024	0.0018	0.0016	0.0026	0.0028	0.0031	0.0017	0.0018	3.24E-03	3.53E-04	1.10E-08	1.65E-05	5.61E-05	1.92E-05	3.68E-03	1.58E-03	3.53E-04	1.10E-08	8.05E-06	2.73E-05	9.32E-06	1.97E-03
4843	482863.09, 3861877.25	0.0024	0.0018	0.0018	0.0027	0.0026	0.0032	0.0018	0.0018	3.31E-03	3.61E-04	1.22E-08	1.73E-05	5.24E-05	1.98E-05	3.76E-03	1.61E-03	3.61E-04	1.22E-08	8.42E-06	2.55E-05	9.62E-06	2.01E-03
4844	483363.09, 3861877.25	0.0025	0.0019	0.0018	0.0028	0.0023	0.0034	0.0018	0.0019	3.35E-03	3.74E-04	1.19E-08	1.81E-05	4.65E-05	2.06E-05	3.81E-03	1.63E-03	3.74E-04	1.19E-08	8.83E-06	2.26E-05	1.00E-05	2.05E-03
4845	483863.09, 3861877.25	0.0025	0.002	0.0019	0.003	0.0021	0.0035	0.0019	0.002	3.35E-03	3.86E-04	1.25E-08	1.93E-05	4.36E-05	2.16E-05	3.82E-03	1.63E-03	3.86E-04	1.25E-08	9.39E-06	2.12E-05	1.05E-05	2.06E-03
4846	484363.09, 3861877.25	0.0024	0.002	0.0018	0.0032	0.0023	0.0037	0.002	0.002	3.32E-03	4.02E-04	1.22E-08	2.05E-05	4.73E-05	2.27E-05	3.81E-03	1.62E-03	4.02E-04	1.22E-08	9.99E-06	2.30E-05	1.10E-05	2.06E-03
4847	484863.09, 3861877.25	0.0025	0.0021	0.002	0.0034	0.0027	0.0039	0.002	0.0021	3.39E-03	4.18E-04	1.32E-08	2.17E-05	5.45E-05	2.40E-05	3.91E-03	1.65E-03	4.18E-04	1.32E-08	1.06E-05	2.65E-05	1.17E-05	2.12E-03
4848	485363.09, 3861877.25	0.0025	0.0022	0.0019	0.0036	0.0025	0.0041	0.0021	0.0022	3.38E-03	4.29E-04	1.25E-08	2.31E-05	5.12E-05	2.52E-05	3.91E-03	1.64E-03	4.29E-04	1.25E-08	1.12E-05	2.49E-05	1.23E-05	2.12E-03
4849	485863.09, 3861877.25	0.0025	0.0023	0.0017	0.0038	0.0019	0.0043	0.0022	0.0023	3.34E-03	4.43E-04	1.14E-08	2.44E-05	3.88E-05	2.61E-05	3.87E-03	1.62E-03	4.43E-04	1.14E-08	1.19E-05	1.89E-05	1.27E-05	2.11E-03
4850	486363.09, 3861877.25	0.0025	0.0024	0.0017	0.0041	0.0015	0.0045	0.0023	0.0024	3.43E-03	4.67E-04	1.16E-08	2.64E-05	3.06E-05	2.73E-05	3.98E-03	1.67E-03	4.67E-04	1.16E-08	1.28E-05	1.49E-05	1.33E-05	2.18E-03
4851	486863.09, 3861877.25	0.0026	0.0025	0.0021	0.0045	0.0015	0.0046	0.0024	0.0025	3.57E-03	4.96E-04	1.43E-08	2.91E-05	3.10E-05	2.81E-05	4.15E-03	1.74E-03	4.96E-04	1.43E-08	1.42E-05	1.51E-05	1.37E-05	2.28E-03
4852	487363.09, 3861877.25	0.0026	0.0027	0.0021	0.0053	0.0019	0.0048	0.0026	0.0027	3.51E-03	5.28E-04	1.39E-08	3.38E-05	3.81E-05	2.93E-05	4.14E-03	1.71E-03	5.28E-04	1.39E-08	1.64E-05	1.86E-05	1.43E-05	2.29E-03
4853	487863.09, 3861877.25	0.0025	0.0028	0.0019	0.0064	0.0015	0.0047	0.0027	0.0028	3.40E-03	5.59E-04	1.31E-08	4.10E-05	2.96E-05	2.85E-05	4.06E-03	1.66E-03	5.59E-04	1.31E-08	2.00E-05	1.44E-05	1.39E-05	2.26E-03
4854	488363.09, 3861877.25	0.0025	0.003	0.0023	0.0089	0.0011	0.0049	0.0029	0.003	3.46E-03	5.97E-04	1.52E-08	5.71E-05	2.18E-05	3.00E-05	4.16E-03	1.68E-03	5.97E-04	1.52E-08	2.78E-05	1.06E-05	1.46E-05	2.33E-03
4855	488863.09, 3861877.25	0.0029	0.0033	0.0021	0.0191	0.0012	0.0053	0.0031	0.0033	3.96E-03	6.40E-04	1.38E-08	1.23E-04	2.37E-05	3.24E-05	4.78E-03	1.93E-03	6.40E-04	1.38E-08	5.96E-05	1.15E-05	1.58E-05	2.66E-03
4856	489363.09, 3861877.25	0.0032	0.0035	0.002	0.0989	0.0011	0.0054	0.0034	0.0035	4.33E-03	6.86E-04	1.37E-08	6.36E-04	2.22E-05	3.27E-05	5.71E-03	2.11E-03	6.86E-04	1.37E-08	3.10E-04	1.08E-05	1.59E-05	3.13E-03
4857	489863.09, 3861877.25	0.0033	0.0038	0.0019	0.0276	0.0017	0.0054	0.0037	0.0038	4.53E-03	7.41E-04	1.28E-08	1.77E-04	3.47E-05	3.31E-05	5.52E-03	2.21E-03	7.41E-04	1.28E-08	8.63E-05	1.69E-05	1.61E-05	3.07E-03
4858	490363.09, 3861877.25	0.0032	0.0041	0.0017	0.0173	0.0029	0.0054	0.0041	0.0041	4.38E-03	8.14E-04	1.12E-08	1.12E-04	5.91E-05	3.29E-05	5.40E-03	2.13E-03	8.14E-04	1.12E-08	5.43E-05	2.88E-05	1.60E-05	3.05E-03
4859	490863.09, 3861877.25	0.0031	0.0047	0.0019	0.0132	0.0032	0.0055	0.0046	0.0047	4.22E-03	9.22E-04	1.30E-08	8.52E-05	6.42E-05	3.34E-05	5.33E-03	2.05E-03	9.22E-04	1.30E-08	4.15E-05	3.13E-05	1.63E-05	3.07E-03
4860	491363.09, 3861877.25	0.0031	0.0054	0.002	0.0111	0.0028	0.0056	0.0053	0.0054	4.21E-03	1.07E-03	1.36E-08	7.12E-05	5.65E-05	3.40E-05	5.44E-03	2.05E-03	1.07E-03	1.36E-08	3.47E-05	2.75E-05	1.65E-05	3.20E-03
4861	491863.09, 3861877.25	0.0031	0.0065	0.0019	0.0096	0.0022	0.0056	0.0064	0.0065	4.27E-03	1.27E-03	1.31E-08	6.18E-05	4.38E-05	3.41E-05	5.69E-03	2.08E-03	1.27E-03	1.31E-08	3.01E-05	2.13E-05	1.66E-05	3.42E-03
4862	492363.09, 3861877.25	0.0032	0.008	0.0019	0.0087	0.0019	0.0055	0.008	0.008	4.38E-03	1.57E-03	1.27E-08	5.56E-05	3.92E-05	3.37E-05	6.09E-03	2.13E-03	1.57E-03	1.27E-08	2.71E-05	1.91E-05	1.64E-05	3.77E-03
4863	492863.09, 3861877.25	0.0032	0.0103	0.0018	0.0079	0.0021	0.0055	0.0103	0.0103	4.40E-03	2.04E-03	1.22E-08	5.08E-05	4.28E-05	3.37E-05	6.56E-03	2.14E-03	2.04E-03	1.22E-08	2.47E-05	2.08E-05	1.64E-05	4.24E-03
4864	493363.09, 3861877.25	0.0032	0.014	0.0019	0.0071	0.0021	0.0055	0.014	0.014	4.40E-03	2.75E-03	1.25E-08	4.58E-05	4.26E-05	3.37E-05	7.27E-03	2.14E-03	2.75E-03	1.25E-08	2.23E-05	2.07E-05	1.64E-05	4.95E-03
4865	493863.09, 3861877.25	0.0032	0.0206	0.002	0.0067	0.0021	0.0053	0.0208	0.0206	4.41E-03	4.06E-03	1.32E-08	4.31E-05	4.18E-05	3.26E-05	8.58E-03	2.15E-03	4.06E-03	1.32E-08	2.10E-05	2.04E-05	1.59E-05	6.26E-03
4866	494363.09, 3861877.25	0.0032	0.037	0.002	0.0063	0.0022	0.0053	0.0377	0.037	4.36E-03	7.28E-03	1.33E-08	4.07E-05	4.47E-05	3.22E-05	1.18E-02	2.12E-03	7.28E-03	1.33E-08	1.98E-05	2.17E-05	1.57E-05	9.46E-03
4867	494863.09, 3861877.25	0.0032	0.151	0.002	0.0059	0.0024	0.0051	0.1581	0.151	4.29E-03	2.97E-02	1.33E-08	3.77E-05	4.87E-05	3.13E-05	3.42E-02	2.09E-03	2.97E-02	1.33E-08	1.83E-05	2.37E-05	1.52E-05	3.19E-02
4868	495363.09, 3861877.25	0.0031	0.177	0.002	0.0055	0.0025	0.005	0.1759	0.177	4.25E-03	3.49E-02	1.36E-08	3.53E-05	5.04E-05	3.07E-05	3.92E-02	2.07E-03	3.49E-02	1.36E-08	1.72E-05	2.45E-05	1.50E-05	3.70E-02
4869	495863.09, 3861877.25	0.0031	0.0728	0.0021	0.0053	0.0024	0.005	0.073	0.0728	4.22E-03	1.43E-02	1.39E-08	3.41E-05	4.83E-05	3.07E-05	1.87E-02	2.05E-03	1.43E-02	1.39E-08	1.66E-05	2.35E-05	1.49E-05	1.64E-02
4870	496363.09, 3861877.25	0.0031	0.0457	0.0021	0.0051	0.0022	0.005	0.046	0.0457	4.19E-03	9.01E-03	1.40E-08	3.30E-05	4.41E-05	3.07E-05	1.33E-02	2.04E-03	9.01E-03	1.40E-08	1.61E-05	2.14E-05	1.50E-05	1.11E-02
4871	496863.09, 3861877.25	0.0033	0.0237	0.0022	0.0051	0.0021	0.0052	0.0238	0.0237	4.51E-03	4.67E-03	1.51E-08	3.30E-05	4.30E-05	3.20E-05	9.29E-03	2.19E-03	4.67E-03	1.51E-08	1.61E-05	2.09E-05	1.56E-05	6.92E-03
4872	497363.09, 3861877.25	0.0031	0.0249	0.0021	0.0048	0.002	0.005	0.025	0.0249	4.26E-03	4.91E-03	1.44E-08	3.11E-05	4.00E-05	3.07E-05	9.27E-03	2.07E-03	4.91E-03	1.44E-08	1.51E-05	1.95E-05	1.49E-05	7.03E-03
4873	497863.09, 3861877.25	0.0031	0.0222	0.0021	0.0046	0.002	0.0049	0.0223	0.0222	4.19E-03	4.38E-03	1.41E-08	2.97E-05	4.08E-05	3.00E-05	8.67E-03	2.04E-03	4.38E-03	1.41E-08	1.44E-05	1.99E-05	1.46E-05	6.47E-03
4874	498363.09, 3861877.25	0.0031	0.0193	0.0021	0.0045	0.0022	0.0048	0.0194	0.0193	4.18E-03	3.81E-03	1.41E-08	2.87E-05	4.38E-05	2.95E-05	8.09E-03	2.03E-03	3.81E-03	1.41E-08	1.40E-05	2.13E-05	1.44E-05	5.89E-03
4875	471363.09, 3862377.25	0.0013	0.001	0.0007	0.0011	0.0012	0.0013	0.001	0.001	1.81E-03	1.97E-04	4.85E-09	7.08E-06	2.51E-05	7.77E-06	2.05E-03	8.81E-04	1.97E-04	4.85E-09	3.44E-06	1.22E-05	3.78E-06	1.10E-03
4876	471863.09, 3862377.25	0.0014	0.001	0.0007	0.0011	0.0012	0.0013	0.001	0.001	1.87E-03	1.99E-04	4.85E-09	7.27E-06	2.51E-05	7.95E-06	2.10E-03	9.08E-04	1.99E-04	4.85E-09	3.54E-06	1.22E-05	3.87E-06	1.13E-03
4877	472363.09, 3862377.25	0.0014	0.001	0.0007	0.0012	0.0012	0.0013	0.001	0.001	1.91E-03	2.05E-04	4.92E-09	7.53E-06	2.53E-05	8.20E-06	2.15E-03	9.28E-04	2.05E-04	4.92E-09	3.66E-06	1.23E-05	3.99E-06	1.15E-03
4878	472863.09, 3862377.25	0.0014	0.0011	0.0008	0.0012	0.0013	0.0014	0.001	0.0011	1.96E-03	2.09E-04	5.05E-09	7.72E-06	2.61E-05	8.44E-06	2.21E-03	9.54E-04	2.09E-04	5.05E-09	3.76E-06	1.27E-05	4.11E-06	1.18E-03
4879	473363.09, 3862377.25	0.0015	0.0011	0.0008	0.0013	0.0013	0.0014	0.0011	0.0011	2.03E-03	2.13E-04	5.25E-09	8.04E-06	2.73E-05	8.69E-06	2.29E-03	9.87E-04	2.13E-04	5.25E-09	3.91E-06	1.33E-05	4.23E-06	1.22E-03
4880	473863.09, 3862377.25	0.0015	0.0011	0.0008	0.0013	0.0014	0.0015	0.0011	0.0011	2.08E-03	2.15E-04	5.59E-09	8.30E-06	2.94E-05	8.93E-06	2.34E-03	1.01E-03	2.15E-04	5.59E-09	4.04E-06	1.43E-05	4.35E-06	1.25E-03
4881	474363.09, 3862377.25	0.0016	0.0011	0.0009	0.0013	0.0016	0.0015	0.0011	0.0011	2.14E-03	2.19E-04	5.99E-09	8.56E-06	3.16E-05	9.12E-06	2.41E-03	1.04E-03	2.19E-04	5.99E-09	4.16E-06	1.54E-05	4.44E-06	1.28E-03
4882	474863.09, 3862377.25	0.0016	0.0011	0.0009	0.0014	0.0017	0.0015	0.0011	0.0011	2.21E-03	2.23E-04	6.20E-09	8.81E-06	3.41E-05	9.36E-06	2.48E-03	1.07E-03	2.23E-04	6.20E-09	4.29E-06	1.66E-05	4.56E-06	1.32E-03
4883	475363.09, 3862377.25	0.0017	0.0012	0.001	0.0014	0.0018	0.0016	0.0011	0.0012	2.25E-03	2.29E-04	6.40E-09	9.07E-06	3.59E-05	9.73E-06	2.53E-03	1.09E-03	2.29E-04	6.40E-09	4.41E-06	1.75E-05	4.74E-06	1.35E-03
4884	475863.09, 3862377.25	0.0017	0.0012	0.001	0.0014	0.0018	0.0017	0.0012	0.0012	2.29E-03	2.34E-04	6.60E-09	9.26E-06	3.73E-05	1.01E-05	2.58E-03	1.11E-03	2.34E-04	6.60E-09	4.51E-06	1.82E-05	4.91E-06	1.38E-03
4885	476363.09, 3862377.25	0.0017	0.0012	0.001	0.0015	0.0019	0.0017	0.0012	0.0012	2.34E-03	2.38E-04	6.80E-09	9.46E-06	3.79E-05	1.05E-05	2.64E-03	1.14E-03	2.38E-04	6.80E-09	4.60E-06	1.85E-05	5.12E-06	1.41E-03
4886	476863.09, 3862377.25	0.0018	0.0012	0.001	0.0015	0.0019	0.0018	0.0012	0.0012	2.40E-03	2.42E-04	7.00E-09	9.65E-06	3.81E-05	1.09E-05	2.70E-03	1.17E-03	2.42E-04	7.00E-09	4.70E-06	1.86E-05	5.30E-06	1.44E-03
4887	477363.09, 3862377.25	0.0018	0.0012	0.001	0.0015	0.0018	0.0018	0.0012	0.0012	2.49E-03	2.44E-04	6.94E-09	9.71E-06	3.69E-05	1.10E-05	2.79E-03	1.21E-03	2.44E-04	6.94E-09	4.73E-06	1.80E-05	5.36E-06	1.49E-03
4888	477863.09, 3862377.25	0.0019	0.0011	0.0009	0.0015	0.0017	0.0017	0.0011	0.0011	2.63E-03	2.25E-04	5.72E-09	9.39E-06	3.37E-05	1.01E-05	2.91E-03	1.28E-03	2.25E-04	5.72E-09	4.57E-06	1.64E-05	4.91E-06	1.53E-03
4889	478363.09, 3862377.25	0.0019	0.001	0.0008	0.0014	0.0016	0.0015	0.0011	0.001	2.61E-03	2.03E-04	5.32E-09	8.94E-06	3.28E-05	9.30E-06	2.87E-03	1.27E-03	2.03E-04	5.32E-09	4.35E-06	1.60E-05	4.53E-06	1.50E-03
4890	478863.09, 3862377.25	0.002	0.0011	0.0008	0.0015	0.0018	0.0016	0.0011	0.0011	2.68E-03	2.07E-04	5.59E-09	9.52E-06	3.69E-05	9.79E-06	2.95E-03	1.31E-03	2.07E-04	5.59E-09	4.63E-06	1.80E-05	4.77E-06	1.54E-03
4891	479363.09, 3862377.25	0.002	0.0011	0.0009	0.0016	0.0021	0.0018	0.0012	0.0011	2.78E-03	2.25E-04	6.06E-09	1.05E-05	4.36E-05	1.07E-05	3.07E-03	1.35E-03	2.25E-04	6.06E-09	5.13E-06	2.12E-05	5.21E-06	1.61E-03
4892	479863.09, 3862377.25	0.002	0.0014	0.0011	0.0019	0.0024	0.0022	0.0013	0.0014	2.78E-03	2.70E-04	7.27E-09	1.22E-05	4.85E-05	1.33E-05	3.12E-03	1.35E-03	2.70E-04	7.27E-09	5.92E-06	2.36E-05	6.46E-06	1.66E-03
4893	480363.09, 3862377.25	0.002	0.0015	0.0013	0.002	0.0024	0.0024	0.0014	0.0015	2.71E-03	2.90E-04	8.42E-09	1.29E-05	4.89E-05	1.46E-05	3.08E-03	1.32E-03	2.90E-04	8.42E-09	6.29E-06	2.38E-05	7.09E-06	1.65E-03
4894	480863.09, 3862377.25	0.002	0.0015	0.0014	0.0021	0.0024	0.0025	0.0015	0.0015	2.71E-03	2.99E-04	9.29E-09	1.34E-05	4.94E-05	1.52E-05	3.09E-03	1.32E-03	2.99E-04	9.29E-09	6.54E-06	2.40E-05	7.42E-06	1.66E-03

4895	481363.09, 3862377.25	0.002	0.0016	0.0014	0.0022	0.0024	0.0026	0.0015	0.0016	2.71E-03	3.09E-04	9.43E-09	1.38E-05	4.98E-05	1.59E-05	3.10E-03	1.32E-03	3.09E-04	9.43E-09	6.73E-06	2.42E-05	7.74E-06	1.67E-03
4896	481863.09, 3862377.25	0.002	0.0016	0.0015	0.0022	0.0024	0.0027	0.0016	0.0016	2.74E-03	3.23E-04	1.00E-08	1.43E-05	4.83E-05	1.66E-05	3.14E-03	1.33E-03	3.23E-04	1.00E-08	6.95E-06	2.35E-05	8.07E-06	1.69E-03
4897	482363.09, 3862377.25	0.0021	0.0017	0.0017	0.0023	0.0022	0.0028	0.0016	0.0017	2.79E-03	3.33E-04	1.14E-08	1.49E-05	4.47E-05	1.72E-05	3.20E-03	1.36E-03	3.33E-04	1.14E-08	7.26E-06	2.17E-05	8.37E-06	1.73E-03
4898	482863.09, 3862377.25	0.0021	0.0017	0.0017	0.0025	0.002	0.0029	0.0017	0.0017	2.83E-03	3.41E-04	1.12E-08	1.58E-05	3.98E-05	1.77E-05	3.25E-03	1.38E-03	3.41E-04	1.12E-08	7.67E-06	1.94E-05	8.64E-06	1.75E-03
4899	483363.09, 3862377.25	0.0021	0.0018	0.0015	0.0026	0.0018	0.003	0.0017	0.0018	2.86E-03	3.51E-04	1.02E-08	1.67E-05	3.69E-05	1.84E-05	3.28E-03	1.39E-03	3.51E-04	1.02E-08	8.11E-06	1.80E-05	8.93E-06	1.78E-03
4900	483863.09, 3862377.25	0.0021	0.0018	0.0016	0.0027	0.0019	0.0031	0.0018	0.0018	2.82E-03	3.61E-04	1.06E-08	1.76E-05	3.88E-05	1.92E-05	3.25E-03	1.37E-03	3.61E-04	1.06E-08	8.58E-06	1.89E-05	9.32E-06	1.77E-03
4901	484363.09, 3862377.25	0.0021	0.0019	0.0016	0.0029	0.0022	0.0033	0.0018	0.0019	2.82E-03	3.72E-04	1.10E-08	1.85E-05	4.55E-05	1.99E-05	3.27E-03	1.37E-03	3.72E-04	1.10E-08	9.02E-06	2.21E-05	9.68E-06	1.78E-03
4902	484863.09, 3862377.25	0.002	0.002	0.0017	0.003	0.0023	0.0034	0.0019	0.002	2.78E-03	3.88E-04	1.12E-08	1.95E-05	4.71E-05	2.06E-05	3.25E-03	1.35E-03	3.88E-04	1.12E-08	9.49E-06	2.29E-05	1.00E-05	1.78E-03
4903	485363.09, 3862377.25	0.002	0.002	0.0015	0.0032	0.0019	0.0034	0.002	0.002	2.71E-03	4.00E-04	1.02E-08	2.05E-05	3.88E-05	2.10E-05	3.19E-03	1.32E-03	4.00E-04	1.02E-08	9.99E-06	1.89E-05	1.02E-05	1.76E-03
4904	485863.09, 3862377.25	0.0019	0.0021	0.0015	0.0034	0.0015	0.0035	0.002	0.0021	2.63E-03	4.12E-04	1.04E-08	2.18E-05	2.96E-05	2.14E-05	3.11E-03	1.28E-03	4.12E-04	1.04E-08	1.06E-05	1.44E-05	1.04E-05	1.73E-03
4905	486363.09, 3862377.25	0.0019	0.0022	0.0016	0.0036	0.0012	0.0036	0.0021	0.0022	2.61E-03	4.27E-04	1.07E-08	2.32E-05	2.53E-05	2.18E-05	3.11E-03	1.27E-03	4.27E-04	1.07E-08	1.13E-05	1.23E-05	1.06E-05	1.73E-03
4906	486863.09, 3862377.25	0.0019	0.0023	0.0018	0.004	0.0014	0.0036	0.0022	0.0023	2.60E-03	4.51E-04	1.19E-08	2.58E-05	2.75E-05	2.21E-05	3.13E-03	1.27E-03	4.51E-04	1.19E-08	1.26E-05	1.34E-05	1.08E-05	1.75E-03
4907	487363.09, 3862377.25	0.0019	0.0024	0.0017	0.0047	0.0017	0.0037	0.0023	0.0024	2.56E-03	4.79E-04	1.14E-08	3.02E-05	3.47E-05	2.28E-05	3.13E-03	1.25E-03	4.79E-04	1.14E-08	1.47E-05	1.69E-05	1.11E-05	1.77E-03
4908	487863.09, 3862377.25	0.0019	0.0026	0.0019	0.0058	0.0013	0.0036	0.0025	0.0026	2.56E-03	5.06E-04	1.26E-08	3.72E-05	2.57E-05	2.20E-05	3.15E-03	1.25E-03	5.06E-04	1.26E-08	1.81E-05	1.25E-05	1.07E-05	1.79E-03
4909	488363.09, 3862377.25	0.0019	0.0027	0.0018	0.0082	0.0009	0.0038	0.0026	0.0027	2.56E-03	5.34E-04	1.20E-08	5.26E-05	1.86E-05	2.29E-05	3.19E-03	1.25E-03	5.34E-04	1.20E-08	2.56E-05	9.03E-06	1.12E-05	1.83E-03
4910	488863.09, 3862377.25	0.0021	0.0029	0.0016	0.0182	0.001	0.004	0.0028	0.0029	2.87E-03	5.69E-04	1.05E-08	1.17E-04	1.98E-05	2.47E-05	3.60E-03	1.40E-03	5.69E-04	1.05E-08	5.70E-05	9.63E-06	1.20E-05	2.05E-03
4911	489363.09, 3862377.25	0.0024	0.0031	0.0017	0.0981	0.001	0.0042	0.003	0.0031	3.28E-03	6.07E-04	1.17E-08	6.31E-04	1.98E-05	2.58E-05	4.56E-03	1.60E-03	6.07E-04	1.17E-08	3.07E-04	9.63E-06	1.26E-05	2.53E-03
4912	489863.09, 3862377.25	0.0026	0.0033	0.0016	0.0268	0.0011	0.0043	0.0032	0.0033	3.49E-03	6.46E-04	1.10E-08	1.73E-04	2.16E-05	2.61E-05	4.35E-03	1.70E-03	6.46E-04	1.10E-08	8.40E-05	1.05E-05	1.27E-05	2.45E-03
4913	490363.09, 3862377.25	0.0026	0.0035	0.0014	0.0166	0.002	0.0043	0.0035	0.0035	3.49E-03	6.90E-04	9.29E-09	1.07E-04	4.16E-05	2.61E-05	4.35E-03	1.70E-03	6.90E-04	9.29E-09	5.19E-05	2.03E-05	1.27E-05	2.47E-03
4914	490863.09, 3862377.25	0.0024	0.0038	0.0014	0.0125	0.0027	0.0042	0.0038	0.0038	3.27E-03	7.49E-04	9.70E-09	8.01E-05	5.59E-05	2.59E-05	4.18E-03	1.59E-03	7.49E-04	9.70E-09	3.90E-05	2.72E-05	1.26E-05	2.42E-03
4915	491363.09, 3862377.25	0.0023	0.0042	0.0017	0.0102	0.0027	0.0042	0.0042	0.0042	3.16E-03	8.27E-04	1.14E-08	6.57E-05	5.47E-05	2.58E-05	4.13E-03	1.54E-03	8.27E-04	1.14E-08	3.20E-05	2.66E-05	1.25E-05	2.44E-03
4916	491863.09, 3862377.25	0.0023	0.0047	0.0016	0.0087	0.0023	0.0041	0.0046	0.0047	3.14E-03	9.20E-04	1.10E-08	5.56E-05	4.63E-05	2.51E-05	4.19E-03	1.53E-03	9.20E-04	1.10E-08	2.71E-05	2.25E-05	1.22E-05	2.51E-03
4917	492363.09, 3862377.25	0.0024	0.0052	0.0016	0.0076	0.0018	0.004	0.0052	0.0052	3.23E-03	1.03E-03	1.08E-08	4.88E-05	3.61E-05	2.46E-05	4.37E-03	1.57E-03	1.03E-03	1.08E-08	2.37E-05	1.76E-05	1.20E-05	2.65E-03
4918	492863.09, 3862377.25	0.0024	0.006	0.0016	0.0069	0.0016	0.0041	0.006	0.006	3.29E-03	1.18E-03	1.05E-08	4.44E-05	3.32E-05	2.52E-05	4.58E-03	1.60E-03	1.18E-03	1.05E-08	2.16E-05	1.62E-05	1.23E-05	2.83E-03
4919	493363.09, 3862377.25	0.0024	0.007	0.0015	0.0063	0.0018	0.0041	0.007	0.007	3.29E-03	1.37E-03	1.00E-08	4.05E-05	3.67E-05	2.51E-05	4.77E-03	1.60E-03	1.37E-03	1.00E-08	1.97E-05	1.79E-05	1.22E-05	3.03E-03
4920	493863.09, 3862377.25	0.0024	0.0082	0.0015	0.0057	0.0018	0.004	0.0081	0.0082	3.32E-03	1.61E-03	9.90E-09	3.64E-05	3.71E-05	2.47E-05	5.03E-03	1.62E-03	1.61E-03	9.90E-09	1.77E-05	1.81E-05	1.20E-05	3.27E-03
4921	494363.09, 3862377.25	0.0025	0.0099	0.0016	0.0053	0.0017	0.004	0.0099	0.0099	3.38E-03	1.95E-03	1.06E-08	3.40E-05	3.55E-05	2.44E-05	5.42E-03	1.64E-03	1.95E-03	1.06E-08	1.65E-05	1.73E-05	1.19E-05	3.64E-03
4922	494863.09, 3862377.25	0.0025	0.0124	0.0016	0.0051	0.0018	0.0039	0.0124	0.0124	3.40E-03	2.44E-03	1.10E-08	3.25E-05	3.67E-05	2.39E-05	5.94E-03	1.66E-03	2.44E-03	1.10E-08	1.58E-05	1.79E-05	1.16E-05	4.14E-03
4923	495363.09, 3862377.25	0.0025	0.0161	0.0016	0.0047	0.002	0.0038	0.0162	0.0161	3.35E-03	3.17E-03	1.08E-08	3.05E-05	4.00E-05	2.33E-05	6.62E-03	1.63E-03	3.17E-03	1.08E-08	1.48E-05	1.95E-05	1.13E-05	4.85E-03
4924	495863.09, 3862377.25	0.0024	0.0241	0.0016	0.0044	0.0021	0.0038	0.0243	0.0241	3.29E-03	4.74E-03	1.06E-08	2.82E-05	4.24E-05	2.30E-05	8.13E-03	1.60E-03	4.74E-03	1.06E-08	1.37E-05	2.06E-05	1.12E-05	6.39E-03
4925	496363.09, 3862377.25	0.0024	0.0477	0.0016	0.0041	0.0021	0.0037	0.048	0.0477	3.28E-03	9.39E-03	1.08E-08	2.65E-05	4.28E-05	2.26E-05	1.28E-02	1.60E-03	9.39E-03	1.08E-08	1.29E-05	2.08E-05	1.10E-05	1.10E-02
4926	496863.09, 3862377.25	0.0024	0.4176	0.0017	0.004	0.002	0.0037	0.4071	0.4176	3.29E-03	8.23E-02	1.11E-08	2.59E-05	4.08E-05	2.28E-05	8.57E-02	1.60E-03	8.23E-02	1.11E-08	1.26E-05	1.99E-05	1.11E-05	8.39E-02
4927	497363.09, 3862377.25	0.0024	0.2476	0.0017	0.0039	0.0018	0.0037	0.2497	0.2476	3.28E-03	4.88E-02	1.12E-08	2.50E-05	3.67E-05	2.26E-05	5.21E-02	1.60E-03	4.88E-02	1.12E-08	1.22E-05	1.79E-05	1.10E-05	5.04E-02
4928	497863.09, 3862377.25	0.0024	0.6511	0.0017	0.0038	0.0016	0.0037	0.6996	0.6511	3.29E-03	1.28E-01	1.12E-08	2.42E-05	3.34E-05	2.25E-05	1.32E-01	1.60E-03	1.28E-01	1.12E-08	1.18E-05	1.63E-05	1.10E-05	1.30E-01
4929	498363.09, 3862377.25	0.0024	0.0856	0.0016	0.0036	0.0016	0.0036	0.0849	0.0856	3.28E-03	1.69E-02	1.10E-08	2.33E-05	3.22E-05	2.23E-05	2.02E-02	1.60E-03	1.69E-02	1.10E-08	1.13E-05	1.57E-05	1.08E-05	1.85E-02
4930	471363.09, 3862877.25	0.0013	0.001	0.0007	0.0011	0.0011	0.0012	0.001	0.001	1.74E-03	1.91E-04	4.51E-09	6.95E-06	2.26E-05	7.46E-06	1.97E-03	8.48E-04	1.91E-04	4.51E-09	3.38E-06	1.10E-05	3.63E-06	1.06E-03
4931	471863.09, 3862877.25	0.0013	0.001	0.0007	0.0011	0.0012	0.0013	0.001	0.001	1.78E-03	1.95E-04	4.58E-09	7.20E-06	2.39E-05	7.65E-06	2.02E-03	8.68E-04	1.95E-04	4.58E-09	3.51E-06	1.16E-05	3.72E-06	1.08E-03
4932	472363.09, 3862877.25	0.0013	0.001	0.0007	0.0012	0.0012	0.0013	0.001	0.001	1.82E-03	1.99E-04	4.71E-09	7.40E-06	2.53E-05	7.89E-06	2.06E-03	8.88E-04	1.99E-04	4.71E-09	3.60E-06	1.23E-05	3.84E-06	1.11E-03
4933	472863.09, 3862877.25	0.0014	0.001	0.0007	0.0012	0.0013	0.0013	0.001	0.001	1.88E-03	2.03E-04	4.98E-09	7.65E-06	2.71E-05	8.14E-06	2.12E-03	9.15E-04	2.03E-04	4.98E-09	3.73E-06	1.32E-05	3.96E-06	1.14E-03
4934	473363.09, 3862877.25	0.0014	0.0011	0.0008	0.0012	0.0014	0.0014	0.001	0.0011	1.92E-03	2.07E-04	5.32E-09	7.85E-06	2.92E-05	8.38E-06	2.17E-03	9.34E-04	2.07E-04	5.32E-09	3.82E-06	1.42E-05	4.08E-06	1.16E-03
4935	473863.09, 3862877.25	0.0015	0.0011	0.0008	0.0013	0.0015	0.0014	0.001	0.0011	1.97E-03	2.09E-04	5.66E-09	8.04E-06	3.10E-05	8.63E-06	2.23E-03	9.61E-04	2.09E-04	5.66E-09	3.91E-06	1.51E-05	4.20E-06	1.19E-03
4936	474363.09, 3862877.25	0.0015	0.0011	0.0009	0.0013	0.0016	0.0015	0.0011	0.0011	2.01E-03	2.13E-04	5.86E-09	8.23E-06	3.26E-05	8.93E-06	2.28E-03	9.81E-04	2.13E-04	5.86E-09	4.01E-06	1.59E-05	4.35E-06	1.22E-03
4937	474863.09, 3862877.25	0.0015	0.0011	0.0009	0.0013	0.0017	0.0015	0.0011	0.0011	2.06E-03	2.17E-04	5.99E-09	8.36E-06	3.37E-05	9.24E-06	2.32E-03	1.00E-03	2.17E-04	5.99E-09	4.07E-06	1.64E-05	4.50E-06	1.24E-03
4938	475363.09, 3862877.25	0.0015	0.0011	0.0009	0.0013	0.0017	0.0016	0.0011	0.0011	2.08E-03	2.23E-04	6.13E-09	8.49E-06	3.37E-05	9.61E-06	2.36E-03	1.01E-03	2.23E-04	6.13E-09	4.13E-06	1.64E-05	4.68E-06	1.26E-03
4939	475863.09, 3862877.25	0.0016	0.0012	0.0009	0.0013	0.0016	0.0016	0.0011	0.0012	2.12E-03	2.27E-04	6.33E-09	8.62E-06	3.34E-05	9.97E-06	2.40E-03	1.03E-03	2.27E-04	6.33E-09	4.20E-06	1.63E-05	4.85E-06	1.29E-03
4940	476363.09, 3862877.25	0.0016	0.0012	0.001	0.0014	0.0016	0.0017	0.0011	0.0012	2.15E-03	2.32E-04	6.53E-09	8.88E-06	3.32E-05	1.03E-05	2.44E-03	1.05E-03	2.32E-04	6.53E-09	4.32E-06	1.62E-05	5.00E-06	1.31E-03
4941	476863.09, 3862877.25	0.0016	0.0012	0.001	0.0014	0.0017	0.0017	0.0012	0.0012	2.21E-03	2.34E-04	6.60E-09	9.20E-06	3.37E-05	1.06E-05	2.49E-03	1.07E-03	2.34E-04	6.60E-09	4.48E-06	1.64E-05	5.15E-06	1.33E-03
4942	477363.09, 3862877.25	0.0017	0.0012	0.001	0.0015	0.0017	0.0018	0.0012	0.0012	2.27E-03	2.38E-04	6.46E-09	9.52E-06	3.49E-05	1.08E-05	2.57E-03	1.11E-03	2.38E-04	6.46E-09	4.63E-06	1.70E-05	5.27E-06	1.37E-03
4943	477863.09, 3862877.25	0.0018	0.0012	0.001	0.0015	0.0017	0.0018	0.0012	0.0012	2.38E-03	2.32E-04	6.40E-09	9.78E-06	3.51E-05	1.08E-05	2.67E-03	1.16E-03	2.32E-04	6.40E-09	4.76E-06	1.71E-05	5.24E-06	1.42E-03
4944	478363.09, 3862877.25	0.0018	0.0011	0.0009	0.0015	0.0019	0.0016	0.0011	0.0011	2.44E-03	2.13E-04	5.79E-09	9.52E-06	3.77E-05	9.91E-06	2.71E-03	1.19E-03	2.13E-04	5.79E-09	4.63E-06	1.84E-05	4.82E-06	1.43E-03
4945	478863.09, 3862877.25	0.0018	0.0011	0.0009	0.0015	0.002	0.0017	0.0011	0.0011	2.48E-03	2.15E-04	5.72E-09	9.91E-06	4.14E-05	1.03E-05	2.75E-03	1.21E-03	2.15E-04	5.72E-09	4.82E-06	2.02E-05	5.00E-06	1.45E-03
4946	479363.09, 3862877.25	0.0019	0.0011	0.0009	0.0016	0.0021	0.0018	0.0011	0.0011	2.53E-03	2.21E-04	6.13E-09	1.04E-05	4.28E-05	1.07E-05	2.82E-03	1.23E-03	2.21E-04	6.13E-09	5.07E-06	2.08E-05	5.21E-06	1.48E-03
4947	479863.09, 3862877.25	0.0018	0.0014	0.0011	0.0018	0.0022	0.0021	0.0013	0.0014	2.42E-03	2.66E-04	7.68E-09	1.17E-05	4.38E-05	1.30E-05	2.76E-03	1.18E-03	2.66E-04	7.68E-09	5.70E-06	2.13E-05	6.34E-06	1.48E-03
4948	480363.09, 3862877.25	0.0018	0.0014	0.0013	0.0019	0.0021	0.0022	0.0014	0.0014	2.40E-03	2.78E-04	8.69E-09	1.20E-05	4.36E-05	1.36E-05	2.74E-03	1.17E-03	2.78E-04	8.69E-09	5.85E-06	2.12E-05	6.64E-06	1.48E-03
4949	480863.09, 3862877.25	0.0018	0.0014	0.0014	0.0019	0.0022	0.0023	0.0014	0.0014	2.40E-03	2.84E-04	9.09E-09	1.24E-05	4.38E-05	1.40E-05	2.75E-03	1.17E-03	2.84E-04	9.09E-09	6.01E-06	2.13E-05	6.82E-06	1.48E-03
4950	481363.09, 3862877.25	0.0017	0.0015	0.0014	0.002	0.0021	0.0024	0.0014	0.0015	2.37E-03	2.96E-04	9.36E-09	1.27E-05	4.22E-05	1.45E-05	2.73E-03	1.15E-03	2.96E-04	9.36E-09	6.17E-06	2.05E-05	7.06E-06	1.48E-03
4951	481863.09, 3862877.25	0.0018	0.0016	0.0014	0.0021	0.0019	0.0025	0.0015	0.0016	2.45E-03	3.05E-04	9.63E-09	1.33E-05	3.94E-05	1.50E-05	2.82E-03	1.19E-03	3.05E-04	9.63E-09	6.45E-06	1.92E-05	7.30E-06	1.53E-03
4952	482363.09, 3862877.25	0.0018	0.0016	0.0015	0.0022	0.0017	0.0025	0.0015	0.0016	2.44E-03	3.13E-04	1.01E-08	1.40E-05	3.45E-05	1.55E-05	2.81E-03	1.19E-03	3.13E-04	1.01E-08	6.79E-06	1.68E-05	7.56E-06	1.53E-03
4953	482863.09, 3862877.25	0.0018	0.0016	0.0014	0.0023	0.0016	0.0026	0.0016	0.0016	2.46E-03	3.21E-04	9.23E-09	1.48E-05	3.16E-05	1.59E-05	2.85E-03	1.20E-03	3.21E-04	9.23E-09	7.20E-06	1.54E-05	7.74E-06	1.55E-03
4954	483363.09, 3862877.25	0.0018	0.0017	0.0013	0.0024	0.0016	0.0027	0.0016	0.0017	2.46E-03	3.31E-04	8.69E-09	1.54E-05	3.24E-05	1.63E-05	2.86E-03	1.20E-03	3.31E-04	8.69E-09	7.51E-06	1.58E-05	7.95E-06	1.56E-03
4955	483863.09, 3862877.25	0.0018	0.0017	0.0015	0.0025	0.0018	0.0028	0.0017	0.0017	2.41E-03	3.39E-04	9.76E-09	1.60E-05	3.75E-05	1.68E-05	2.82E-03	1.17E-03	3.39E-04	9.76E-09	7.80E-06	1.83E-05	8.19E-06	1.55E-03
4956	484363.09, 3862877.25	0.0018	0.0018	0.0015	0.0026	0.0021	0.0028	0.0017	0.0018	2.38E-03	3.51E-04	1.02E-08	1.67E-05	4.20E-05	1.73E-05	2.81E-03	1.16E-03	3.51E-04	1.02E-08	8.11E-06	2.05E-05	8.43E-06	1.55E-03

4957	484863.09, 3862877.25	0.0017	0.0018	0.0014	0.0027	0.0019	0.0029	0.0018	0.0018	2.30E-03	3.62E-04	9.70E-09	1.73E-05	3.81E-05	1.77E-05	2.74E-03	1.12E-03	3.62E-04	9.70E-09	8.42E-06	1.86E-05	8.61E-06	1.52E-03
4958	485363.09, 3862877.25	0.0016	0.0019	0.0014	0.0028	0.0014	0.0029	0.0019	0.0019	2.22E-03	3.74E-04	9.43E-09	1.80E-05	2.94E-05	1.77E-05	2.66E-03	1.08E-03	3.74E-04	9.43E-09	8.77E-06	1.43E-05	8.64E-06	1.49E-03
4959	485863.09, 3862877.25	0.0016	0.002	0.0014	0.0029	0.0012	0.0029	0.0019	0.002	2.11E-03	3.86E-04	9.49E-09	1.89E-05	2.39E-05	1.80E-05	2.56E-03	1.03E-03	3.86E-04	9.49E-09	9.21E-06	1.16E-05	8.76E-06	1.44E-03
4960	486363.09, 3862877.25	0.0015	0.002	0.0013	0.0032	0.0011	0.003	0.002	0.002	2.06E-03	3.98E-04	9.02E-09	2.04E-05	2.16E-05	1.84E-05	2.51E-03	1.00E-03	3.98E-04	9.02E-09	9.93E-06	1.05E-05	8.96E-06	1.43E-03
4961	486863.09, 3862877.25	0.0015	0.0021	0.0015	0.0036	0.0013	0.003	0.0021	0.0021	1.99E-03	4.16E-04	9.90E-09	2.29E-05	2.55E-05	1.85E-05	2.47E-03	9.68E-04	4.16E-04	9.90E-09	1.11E-05	1.24E-05	9.02E-06	1.42E-03
4962	487363.09, 3862877.25	0.0015	0.0022	0.0016	0.0041	0.0015	0.003	0.0022	0.0022	2.00E-03	4.37E-04	1.06E-08	2.63E-05	3.14E-05	1.85E-05	2.51E-03	9.74E-04	4.37E-04	1.06E-08	1.28E-05	1.53E-05	9.02E-06	1.45E-03
4963	487863.09, 3862877.25	0.0015	0.0023	0.0016	0.0051	0.0011	0.003	0.0023	0.0023	2.01E-03	4.61E-04	1.10E-08	3.25E-05	2.24E-05	1.82E-05	2.55E-03	9.81E-04	4.61E-04	1.10E-08	1.58E-05	1.09E-05	8.88E-06	1.48E-03
4964	488363.09, 3862877.25	0.0015	0.0025	0.0015	0.0073	0.0008	0.003	0.0024	0.0025	2.04E-03	4.83E-04	9.76E-09	4.68E-05	1.63E-05	1.86E-05	2.61E-03	9.94E-04	4.83E-04	9.76E-09	2.28E-05	7.94E-06	9.05E-06	1.52E-03
4965	488863.09, 3862877.25	0.0016	0.0026	0.0013	0.0171	0.0008	0.0032	0.0025	0.0026	2.21E-03	5.08E-04	8.55E-09	1.10E-04	1.65E-05	1.95E-05	2.86E-03	1.07E-03	5.08E-04	8.55E-09	5.34E-05	8.04E-06	9.47E-06	1.65E-03
4966	489363.09, 3862877.25	0.0019	0.0027	0.0015	0.0968	0.0009	0.0035	0.0026	0.0027	2.56E-03	5.38E-04	9.83E-09	6.22E-04	1.82E-05	2.11E-05	3.76E-03	1.25E-03	5.38E-04	9.83E-09	3.03E-04	8.84E-06	1.03E-05	2.11E-03
4967	489863.09, 3862877.25	0.0021	0.0029	0.0014	0.0256	0.0008	0.0036	0.0028	0.0029	2.85E-03	5.69E-04	9.70E-09	1.64E-04	1.57E-05	2.18E-05	3.62E-03	1.39E-03	5.69E-04	9.70E-09	8.00E-05	7.64E-06	1.06E-05	2.05E-03
4968	490363.09, 3862877.25	0.0021	0.0031	0.0012	0.0152	0.0013	0.0035	0.003	0.0031	2.91E-03	6.01E-04	8.01E-09	9.75E-05	2.67E-05	2.14E-05	3.66E-03	1.42E-03	6.01E-04	8.01E-09	4.74E-05	1.30E-05	1.04E-05	2.09E-03
4969	490863.09, 3862877.25	0.002	0.0032	0.0012	0.011	0.0022	0.0034	0.0032	0.0032	2.78E-03	6.34E-04	7.95E-09	7.06E-05	4.43E-05	2.09E-05	3.55E-03	1.35E-03	6.34E-04	7.95E-09	3.44E-05	2.15E-05	1.02E-05	2.05E-03
4970	491363.09, 3862877.25	0.0019	0.0034	0.0014	0.0088	0.0025	0.0034	0.0035	0.0034	2.61E-03	6.76E-04	9.29E-09	5.63E-05	5.04E-05	2.07E-05	3.42E-03	1.27E-03	6.76E-04	9.29E-09	2.74E-05	2.45E-05	1.01E-05	2.01E-03
4971	491863.09, 3862877.25	0.0019	0.0037	0.0014	0.0072	0.0023	0.0033	0.0037	0.0037	2.52E-03	7.31E-04	9.49E-09	4.66E-05	4.63E-05	2.02E-05	3.36E-03	1.23E-03	7.31E-04	9.49E-09	2.27E-05	2.25E-05	9.83E-06	2.01E-03
4972	492363.09, 3862877.25	0.0019	0.004	0.0014	0.0063	0.0019	0.0033	0.0039	0.004	2.53E-03	7.90E-04	9.43E-09	4.04E-05	3.90E-05	2.01E-05	3.42E-03	1.23E-03	7.90E-04	9.43E-09	1.97E-05	1.90E-05	9.77E-06	2.07E-03
4973	492863.09, 3862877.25	0.0019	0.0044	0.0014	0.0056	0.0015	0.0032	0.0043	0.0044	2.61E-03	8.59E-04	9.16E-09	3.59E-05	3.04E-05	1.98E-05	3.56E-03	1.27E-03	8.59E-04	9.16E-09	1.75E-05	1.48E-05	9.62E-06	2.17E-03
4974	493363.09, 3862877.25	0.0019	0.0048	0.0013	0.0052	0.0014	0.0032	0.0048	0.0048	2.64E-03	9.44E-04	9.02E-09	3.32E-05	2.88E-05	1.96E-05	3.67E-03	1.29E-03	9.44E-04	9.02E-09	1.62E-05	1.40E-05	9.56E-06	2.27E-03
4975	493863.09, 3862877.25	0.002	0.0052	0.0013	0.0048	0.0016	0.0032	0.0052	0.0052	2.65E-03	1.03E-03	8.69E-09	3.09E-05	3.20E-05	1.98E-05	3.76E-03	1.29E-03	1.03E-03	8.69E-09	1.50E-05	1.56E-05	9.65E-06	2.36E-03
4976	494363.09, 3862877.25	0.002	0.0058	0.0012	0.0044	0.0016	0.0032	0.0058	0.0058	2.67E-03	1.14E-03	8.28E-09	2.82E-05	3.28E-05	1.96E-05	3.89E-03	1.30E-03	1.14E-03	8.28E-09	1.37E-05	1.60E-05	9.53E-06	2.48E-03
4977	494863.09, 3862877.25	0.002	0.0066	0.0013	0.0041	0.0015	0.0031	0.0066	0.0066	2.70E-03	1.30E-03	8.55E-09	2.62E-05	3.08E-05	1.89E-05	4.08E-03	1.31E-03	1.30E-03	8.55E-09	1.28E-05	1.50E-05	9.20E-06	2.65E-03
4978	495363.09, 3862877.25	0.002	0.0075	0.0014	0.0039	0.0015	0.0031	0.0075	0.0075	2.74E-03	1.48E-03	9.16E-09	2.52E-05	3.08E-05	1.88E-05	4.29E-03	1.33E-03	1.48E-03	9.16E-09	1.23E-05	1.50E-05	9.14E-06	2.85E-03
4979	495863.09, 3862877.25	0.002	0.0085	0.0014	0.0038	0.0016	0.0031	0.0085	0.0085	2.74E-03	1.67E-03	9.36E-09	2.44E-05	3.34E-05	1.88E-05	4.49E-03	1.33E-03	1.67E-03	9.36E-09	1.19E-05	1.63E-05	9.14E-06	3.04E-03
4980	496363.09, 3862877.25	0.002	0.0096	0.0014	0.0036	0.0018	0.003	0.0097	0.0096	2.71E-03	1.89E-03	9.16E-09	2.32E-05	3.61E-05	1.85E-05	4.68E-03	1.32E-03	1.89E-03	9.16E-09	1.13E-05	1.76E-05	9.02E-06	3.25E-03
4981	496863.09, 3862877.25	0.002	0.0111	0.0013	0.0034	0.0019	0.003	0.0111	0.0111	2.67E-03	2.18E-03	8.96E-09	2.16E-05	3.77E-05	1.80E-05	4.93E-03	1.30E-03	2.18E-03	8.96E-09	1.05E-05	1.84E-05	8.79E-06	3.52E-03
4982	497363.09, 3862877.25	0.0019	0.0121	0.0013	0.0032	0.0018	0.0029	0.0121	0.0121	2.64E-03	2.38E-03	8.96E-09	2.05E-05	3.71E-05	1.77E-05	5.09E-03	1.29E-03	2.38E-03	8.96E-09	9.96E-06	1.81E-05	8.61E-06	3.70E-03
4983	497863.09, 3862877.25	0.0019	0.0121	0.0014	0.0031	0.0017	0.0029	0.0121	0.0121	2.64E-03	2.38E-03	9.09E-09	1.99E-05	3.47E-05	1.76E-05	5.09E-03	1.29E-03	2.38E-03	9.09E-09	9.67E-06	1.69E-05	8.58E-06	3.70E-03
4984	498363.09, 3862877.25	0.002	0.0116	0.0014	0.003	0.0015	0.0029	0.0116	0.0116	2.67E-03	2.29E-03	9.23E-09	1.96E-05	3.14E-05	1.78E-05	5.02E-03	1.30E-03	2.29E-03	9.23E-09	9.52E-06	1.53E-05	8.67E-06	3.62E-03
4985	471363.09, 3863377.25	0.0012	0.001	0.0006	0.0011	0.0012	0.0012	0.0009	0.001	1.67E-03	1.87E-04	4.31E-09	6.88E-06	2.39E-05	7.28E-06	1.90E-03	8.15E-04	1.87E-04	4.31E-09	3.35E-06	1.16E-05	3.54E-06	1.02E-03
4986	471863.09, 3863377.25	0.0013	0.001	0.0007	0.0011	0.0013	0.0012	0.001	0.001	1.70E-03	1.91E-04	4.44E-09	7.08E-06	2.55E-05	7.53E-06	1.93E-03	8.28E-04	1.91E-04	4.44E-09	3.44E-06	1.24E-05	3.66E-06	1.04E-03
4987	472363.09, 3863377.25	0.0013	0.001	0.0007	0.0011	0.0013	0.0013	0.001	0.001	1.74E-03	1.93E-04	4.71E-09	7.20E-06	2.71E-05	7.77E-06	1.98E-03	8.48E-04	1.93E-04	4.71E-09	3.51E-06	1.32E-05	3.78E-06	1.06E-03
4988	472863.09, 3863377.25	0.0013	0.001	0.0008	0.0011	0.0014	0.0013	0.001	0.001	1.78E-03	1.97E-04	5.12E-09	7.33E-06	2.86E-05	8.02E-06	2.02E-03	8.68E-04	1.97E-04	5.12E-09	3.57E-06	1.39E-05	3.90E-06	1.09E-03
4989	473363.09, 3863377.25	0.0013	0.001	0.0008	0.0012	0.0015	0.0014	0.001	0.001	1.81E-03	2.01E-04	5.45E-09	7.40E-06	2.96E-05	8.26E-06	2.06E-03	8.81E-04	2.01E-04	5.45E-09	3.60E-06	1.44E-05	4.02E-06	1.10E-03
4990	473863.09, 3863377.25	0.0014	0.001	0.0008	0.0012	0.0015	0.0014	0.001	0.001	1.85E-03	2.05E-04	5.59E-09	7.53E-06	3.02E-05	8.57E-06	2.10E-03	9.01E-04	2.05E-04	5.59E-09	3.66E-06	1.47E-05	4.17E-06	1.13E-03
4991	474363.09, 3863377.25	0.0014	0.0011	0.0008	0.0012	0.0015	0.0014	0.001	0.0011	1.88E-03	2.07E-04	5.66E-09	7.65E-06	3.02E-05	8.81E-06	2.13E-03	9.15E-04	2.07E-04	5.66E-09	3.73E-06	1.47E-05	4.29E-06	1.14E-03
4992	474863.09, 3863377.25	0.0014	0.0011	0.0009	0.0012	0.0015	0.0015	0.001	0.0011	1.89E-03	2.11E-04	5.79E-09	7.85E-06	2.96E-05	9.06E-06	2.15E-03	9.21E-04	2.11E-04	5.79E-09	3.82E-06	1.44E-05	4.41E-06	1.15E-03
4993	475363.09, 3863377.25	0.0014	0.0011	0.0009	0.0013	0.0014	0.0015	0.0011	0.0011	1.93E-03	2.15E-04	5.93E-09	8.04E-06	2.94E-05	9.30E-06	2.19E-03	9.41E-04	2.15E-04	5.93E-09	3.91E-06	1.43E-05	4.53E-06	1.18E-03
4994	475863.09, 3863377.25	0.0014	0.0011	0.0009	0.0013	0.0015	0.0016	0.0011	0.0011	1.96E-03	2.19E-04	5.99E-09	8.36E-06	2.96E-05	9.54E-06	2.23E-03	9.54E-04	2.19E-04	5.99E-09	4.07E-06	1.44E-05	4.65E-06	1.20E-03
4995	476363.09, 3863377.25	0.0015	0.0011	0.0009	0.0014	0.0015	0.0016	0.0011	0.0011	1.97E-03	2.25E-04	6.06E-09	8.68E-06	3.02E-05	9.85E-06	2.25E-03	9.61E-04	2.25E-04	6.06E-09	4.23E-06	1.47E-05	4.79E-06	1.21E-03
4996	476863.09, 3863377.25	0.0015	0.0012	0.0009	0.0014	0.0016	0.0017	0.0011	0.0012	2.00E-03	2.29E-04	6.06E-09	9.01E-06	3.18E-05	1.01E-05	2.28E-03	9.74E-04	2.29E-04	6.06E-09	4.38E-06	1.55E-05	4.91E-06	1.23E-03
4997	477363.09, 3863377.25	0.0015	0.0012	0.0009	0.0015	0.0017	0.0017	0.0011	0.0012	2.04E-03	2.32E-04	6.26E-09	9.39E-06	3.41E-05	1.04E-05	2.33E-03	9.94E-04	2.32E-04	6.26E-09	4.57E-06	1.66E-05	5.06E-06	1.25E-03
4998	477863.09, 3863377.25	0.0016	0.0012	0.001	0.0015	0.0018	0.0017	0.0012	0.0012	2.11E-03	2.32E-04	6.53E-09	9.78E-06	3.67E-05	1.06E-05	2.40E-03	1.03E-03	2.32E-04	6.53E-09	4.76E-06	1.79E-05	5.18E-06	1.29E-03
4999	478363.09, 3863377.25	0.0016	0.0011	0.0009	0.0015	0.0019	0.0017	0.0011	0.0011	2.21E-03	2.23E-04	6.13E-09	9.91E-06	3.94E-05	1.05E-05	2.49E-03	1.07E-03	2.23E-04	6.13E-09	4.82E-06	1.92E-05	5.12E-06	1.33E-03
5000	478863.09, 3863377.25	0.0016	0.0012	0.001	0.0016	0.0019	0.0018	0.0011	0.0012	2.22E-03	2.29E-04	6.46E-09	1.02E-05	3.94E-05	1.09E-05	2.51E-03	1.08E-03	2.29E-04	6.46E-09	4.98E-06	1.92E-05	5.30E-06	1.34E-03
5001	479363.09, 3863377.25	0.0016	0.0012	0.0011	0.0016	0.002	0.0019	0.0012	0.0012	2.19E-03	2.44E-04	7.14E-09	1.05E-05	3.98E-05	1.16E-05	2.50E-03	1.07E-03	2.44E-04	7.14E-09	5.13E-06	1.94E-05	5.63E-06	1.34E-03
5002	479863.09, 3863377.25	0.0016	0.0013	0.0012	0.0017	0.0019	0.002	0.0013	0.0013	2.14E-03	2.58E-04	7.95E-09	1.08E-05	3.90E-05	1.22E-05	2.46E-03	1.04E-03	2.58E-04	7.95E-09	5.26E-06	1.90E-05	5.96E-06	1.33E-03
5003	480363.09, 3863377.25	0.0016	0.0014	0.0013	0.0017	0.0019	0.0021	0.0013	0.0014	2.12E-03	2.66E-04	8.48E-09	1.11E-05	3.88E-05	1.27E-05	2.45E-03	1.03E-03	2.66E-04	8.48E-09	5.42E-06	1.89E-05	6.16E-06	1.33E-03
5004	480863.09, 3863377.25	0.0016	0.0014	0.0013	0.0018	0.0018	0.0021	0.0013	0.0014	2.12E-03	2.72E-04	8.75E-09	1.16E-05	3.75E-05	1.29E-05	2.46E-03	1.03E-03	2.72E-04	8.75E-09	5.64E-06	1.83E-05	6.28E-06	1.34E-03
5005	481363.09, 3863377.25	0.0015	0.0014	0.0013	0.0019	0.0017	0.0022	0.0014	0.0014	2.10E-03	2.82E-04	8.42E-09	1.20E-05	3.41E-05	1.32E-05	2.44E-03	1.02E-03	2.82E-04	8.42E-09	5.85E-06	1.66E-05	6.43E-06	1.33E-03
5006	481863.09, 3863377.25	0.0016	0.0015	0.0012	0.002	0.0015	0.0022	0.0014	0.0015	2.12E-03	2.92E-04	8.35E-09	1.26E-05	3.02E-05	1.36E-05	2.47E-03	1.03E-03	2.92E-04	8.35E-09	6.14E-06	1.47E-05	6.61E-06	1.35E-03
5007	482363.09, 3863377.25	0.0016	0.0015	0.0013	0.0021	0.0014	0.0023	0.0015	0.0015	2.14E-03	2.99E-04	8.62E-09	1.33E-05	2.75E-05	1.38E-05	2.49E-03	1.04E-03	2.99E-04	8.62E-09	6.45E-06	1.34E-05	6.73E-06	1.37E-03
5008	482863.09, 3863377.25	0.0016	0.0016	0.0012	0.0021	0.0014	0.0023	0.0015	0.0016	2.12E-03	3.05E-04	7.88E-09	1.38E-05	2.75E-05	1.42E-05	2.48E-03	1.03E-03	3.05E-04	7.88E-09	6.70E-06	1.34E-05	6.91E-06	1.37E-03
5009	483363.09, 3863377.25	0.0016	0.0016	0.0012	0.0022	0.0015	0.0024	0.0015	0.0016	2.12E-03	3.13E-04	8.15E-09	1.42E-05	3.12E-05	1.46E-05	2.50E-03	1.03E-03	3.13E-04	8.15E-09	6.89E-06	1.52E-05	7.12E-06	1.38E-03
5010	483863.09, 3863377.25	0.0015	0.0016	0.0014	0.0023	0.0018	0.0025	0.0016	0.0016	2.08E-03	3.21E-04	9.36E-09	1.47E-05	3.61E-05	1.50E-05	2.47E-03	1.01E-03	3.21E-04	9.36E-09	7.14E-06	1.76E-05	7.30E-06	1.37E-03
5011	484363.09, 3863377.25	0.0015	0.0017	0.0014	0.0024	0.0018	0.0025	0.0016	0.0017	2.00E-03	3.31E-04	9.16E-09	1.51E-05	3.65E-05	1.52E-05	2.40E-03	9.74E-04	3.31E-04	9.16E-09	7.36E-06	1.78E-05	7.42E-06	1.34E-03
5012	484863.09, 3863377.25	0.0014	0.0017	0.0013	0.0024	0.0015	0.0025	0.0017	0.0017	1.92E-03	3.43E-04	9.02E-09	1.56E-05	2.98E-05	1.54E-05	2.32E-03	9.34E-04	3.43E-04	9.02E-09	7.58E-06	1.45E-05	7.51E-06	1.31E-03
5013	485363.09, 3863377.25	0.0013	0.0018	0.0013	0.0025	0.0011	0.0025	0.0018	0.0018	1.82E-03	3.53E-04	8.62E-09	1.60E-05	2.30E-05	1.54E-05	2.23E-03	8.88E-04	3.53E-04	8.62E-09	7.80E-06	1.12E-05	7.51E-06	1.27E-03
5014	485863.09, 3863377.25	0.0013	0.0018	0.0012	0.0026	0.001	0.0026	0.0018	0.0018	1.76E-03	3.62E-04	7.88E-09	1.68E-05	2.02E-05	1.58E-05	2.17E-03	8.55E-04	3.62E-04	7.88E-09	8.17E-06	9.83E-06	7.68E-06	1.24E-03
5015	486363.09, 3863377.25	0.0012	0.0019	0.0012	0.0028	0.0009	0.0026	0.0019	0.0019	1.67E-03	3.70E-04	7.74E-09	1.82E-05	1.86E-05	1.60E-05	2.10E-03	8.15E-04	3.70E-04	7.74E-09	8.86E-06	9.03E-06	7.77E-06	1.21E-03
5016	486863.09, 3863377.25	0.0012	0.002	0.0014	0.0031	0.0012	0.0026	0.0019	0.002	1.61E-03	3.84E-04	9.09E-09	1.99E-05	2.47E-05	1.56E-05	2.05E-03	7.82E-04	3.84E-04	9.09E-09	9.71E-06	1.20E-05	7.59E-06	1.20E-03
5017	487363.09, 3863377.25	0.0012	0.002	0.0015	0.0035	0.0014	0.0026	0.002	0.002	1.59E-03	4.00E-04	9.76E-09	2.22E-05	2.86E-05	1.57E-05	2.06E-03	7.75E-04	4.00E-04	9.76E-09	1.08E-05	1.39E-05	7.62E-06	1.21E-03
5018	487863.09, 3863377.25	0.0012	0.0021	0.0014	0.0041	0.001	0.0026	0.0021	0.0021	1.63E-03	4.20E-04	9.16E-09	2.64E-05	1.98E-05	1.57E-05	2.12E-03	7.95E-04	4.20E-04	9.16E-09	1.28E-05	9.63E-06	7.65E-06	1.24E-03

5019	488363.09, 3863377.25	0.0012	0.0022	0.0012	0.0054	0.0007	0.0026	0.0022	0.0022	1.67E-03	4.37E-04	8.35E-09	3.48E-05	1.45E-05	1.58E-05	2.18E-03	8.15E-04	4.37E-04	8.35E-09	1.69E-05	7.05E-06	7.68E-06	1.28E-03
5020	488863.09, 3863377.25	0.0013	0.0023	0.0011	0.0123	0.0007	0.0026	0.0022	0.0023	1.78E-03	4.57E-04	7.41E-09	7.93E-05	1.39E-05	1.62E-05	2.35E-03	8.68E-04	4.57E-04	7.41E-09	3.86E-05	6.75E-06	7.86E-06	1.38E-03
5021	489363.09, 3863377.25	0.0015	0.0024	0.0012	0.0854	0.0008	0.0028	0.0023	0.0024	2.03E-03	4.77E-04	8.35E-09	5.49E-04	1.67E-05	1.74E-05	3.09E-03	9.87E-04	4.77E-04	8.35E-09	2.67E-04	8.14E-06	8.46E-06	1.75E-03
5022	489863.09, 3863377.25	0.0017	0.0025	0.0012	0.0169	0.0007	0.003	0.0025	0.0025	2.34E-03	5.00E-04	8.28E-09	1.09E-04	1.35E-05	1.81E-05	2.98E-03	1.14E-03	5.00E-04	8.28E-09	5.30E-05	6.55E-06	8.82E-06	1.71E-03
5023	490363.09, 3863377.25	0.0018	0.0027	0.0011	0.0096	0.0008	0.003	0.0026	0.0027	2.49E-03	5.24E-04	7.34E-09	6.17E-05	1.71E-05	1.82E-05	3.11E-03	1.21E-03	5.24E-04	7.34E-09	3.00E-05	8.34E-06	8.85E-06	1.78E-03
5024	490863.09, 3863377.25	0.0018	0.0028	0.001	0.0072	0.0016	0.0029	0.0028	0.0028	2.48E-03	5.46E-04	7.00E-09	4.61E-05	3.20E-05	1.75E-05	3.12E-03	1.21E-03	5.46E-04	7.00E-09	2.24E-05	1.56E-05	8.52E-06	1.80E-03
5025	491363.09, 3863377.25	0.0017	0.0029	0.0011	0.0059	0.0021	0.0028	0.0029	0.0029	2.29E-03	5.69E-04	7.34E-09	3.80E-05	4.28E-05	1.69E-05	2.95E-03	1.11E-03	5.69E-04	7.34E-09	1.85E-05	2.08E-05	8.22E-06	1.73E-03
5026	491863.09, 3863377.25	0.0016	0.003	0.0012	0.0051	0.0021	0.0027	0.0031	0.003	2.14E-03	5.99E-04	8.35E-09	3.31E-05	4.32E-05	1.68E-05	2.83E-03	1.04E-03	5.99E-04	8.35E-09	1.61E-05	2.10E-05	8.16E-06	1.68E-03
5027	492363.09, 3863377.25	0.0016	0.0032	0.0012	0.0047	0.002	0.0028	0.0032	0.0032	2.12E-03	6.26E-04	8.15E-09	3.02E-05	4.02E-05	1.73E-05	2.84E-03	1.03E-03	6.26E-04	8.15E-09	1.47E-05	1.96E-05	8.40E-06	1.70E-03
5028	492863.09, 3863377.25	0.0016	0.0031	0.0013	0.0043	0.0017	0.0028	0.0031	0.0031	2.21E-03	6.17E-04	8.55E-09	2.79E-05	3.43E-05	1.72E-05	2.90E-03	1.07E-03	6.17E-04	8.55E-09	1.36E-05	1.67E-05	8.37E-06	1.73E-03
5029	493363.09, 3863377.25	0.0017	0.003	0.0013	0.004	0.0014	0.0027	0.0029	0.003	2.31E-03	5.89E-04	8.55E-09	2.59E-05	2.75E-05	1.67E-05	2.97E-03	1.13E-03	5.89E-04	8.55E-09	1.26E-05	1.34E-05	8.13E-06	1.75E-03
5030	493863.09, 3863377.25	0.0017	0.0032	0.0012	0.0038	0.0013	0.0027	0.0032	0.0032	2.34E-03	6.23E-04	8.35E-09	2.46E-05	2.63E-05	1.65E-05	3.03E-03	1.14E-03	6.23E-04	8.35E-09	1.20E-05	1.28E-05	8.01E-06	1.80E-03
5031	494363.09, 3863377.25	0.0017	0.0035	0.0012	0.0037	0.0014	0.0027	0.0035	0.0035	2.29E-03	6.93E-04	7.95E-09	2.37E-05	2.90E-05	1.66E-05	3.05E-03	1.11E-03	6.93E-04	7.95E-09	1.15E-05	1.41E-05	8.10E-06	1.84E-03
5032	494863.09, 3863377.25	0.0017	0.0036	0.0011	0.0035	0.0015	0.0027	0.0036	0.0036	2.31E-03	7.07E-04	7.54E-09	2.23E-05	3.02E-05	1.63E-05	3.09E-03	1.13E-03	7.07E-04	7.54E-09	1.08E-05	1.47E-05	7.95E-06	1.87E-03
5033	495363.09, 3863377.25	0.0017	0.0035	0.0012	0.0033	0.0014	0.0027	0.0035	0.0035	2.37E-03	6.95E-04	7.74E-09	2.11E-05	2.90E-05	1.62E-05	3.13E-03	1.15E-03	6.95E-04	7.74E-09	1.03E-05	1.41E-05	7.89E-06	1.88E-03
5034	495863.09, 3863377.25	0.0018	0.0036	0.0013	0.0032	0.0014	0.0027	0.0035	0.0036	2.44E-03	7.07E-04	8.42E-09	2.05E-05	2.83E-05	1.63E-05	3.21E-03	1.19E-03	7.07E-04	8.42E-09	9.99E-06	1.38E-05	7.95E-06	1.93E-03
5035	496363.09, 3863377.25	0.0017	0.005	0.0012	0.0031	0.0014	0.0026	0.005	0.005	2.34E-03	9.85E-04	8.28E-09	1.97E-05	2.88E-05	1.58E-05	3.39E-03	1.14E-03	9.85E-04	8.28E-09	9.58E-06	1.40E-05	7.71E-06	2.16E-03
5036	496863.09, 3863377.25	0.0017	0.0052	0.0012	0.0029	0.0015	0.0025	0.0052	0.0052	2.29E-03	1.02E-03	8.08E-09	1.88E-05	3.06E-05	1.54E-05	3.37E-03	1.11E-03	1.02E-03	8.08E-09	9.17E-06	1.49E-05	7.48E-06	2.16E-03
5037	497363.09, 3863377.25	0.0017	0.0051	0.0012	0.0028	0.0016	0.0025	0.0051	0.0051	2.25E-03	1.00E-03	7.88E-09	1.79E-05	3.26E-05	1.50E-05	3.31E-03	1.09E-03	1.00E-03	7.88E-09	8.74E-06	1.59E-05	7.30E-06	2.13E-03
5038	497863.09, 3863377.25	0.0016	0.0049	0.0011	0.0027	0.0016	0.0024	0.0049	0.0049	2.22E-03	9.69E-04	7.68E-09	1.70E-05	3.34E-05	1.47E-05	3.25E-03	1.08E-03	9.69E-04	7.68E-09	8.30E-06	1.63E-05	7.15E-06	2.08E-03
5039	498363.09, 3863377.25	0.0016	0.0049	0.0011	0.0025	0.0016	0.0024	0.0049	0.0049	2.21E-03	9.61E-04	7.68E-09	1.63E-05	3.26E-05	1.45E-05	3.23E-03	1.07E-03	9.61E-04	7.68E-09	7.95E-06	1.59E-05	7.06E-06	2.07E-03
5040	471363.09, 3863877.25	0.0012	0.0009	0.0006	0.001	0.0013	0.0012	0.0009	0.0009	1.59E-03	1.81E-04	4.31E-09	6.56E-06	2.55E-05	7.22E-06	1.81E-03	7.75E-04	1.81E-04	4.31E-09	3.19E-06	1.24E-05	3.51E-06	9.76E-04
5041	471863.09, 3863877.25	0.0012	0.0009	0.0007	0.001	0.0013	0.0012	0.0009	0.0009	1.63E-03	1.85E-04	4.58E-09	6.63E-06	2.67E-05	7.46E-06	1.86E-03	7.95E-04	1.85E-04	4.58E-09	3.22E-06	1.30E-05	3.63E-06	1.00E-03
5042	472363.09, 3863877.25	0.0012	0.001	0.0007	0.0011	0.0013	0.0013	0.0009	0.001	1.66E-03	1.87E-04	4.92E-09	6.75E-06	2.73E-05	7.65E-06	1.89E-03	8.08E-04	1.87E-04	4.92E-09	3.29E-06	1.33E-05	3.72E-06	1.02E-03
5043	472863.09, 3863877.25	0.0012	0.001	0.0008	0.0011	0.0014	0.0013	0.001	0.001	1.69E-03	1.91E-04	5.12E-09	6.88E-06	2.75E-05	7.83E-06	1.92E-03	8.22E-04	1.91E-04	5.12E-09	3.35E-06	1.34E-05	3.81E-06	1.03E-03
5044	473363.09, 3863877.25	0.0013	0.001	0.0008	0.0011	0.0013	0.0013	0.001	0.001	1.70E-03	1.95E-04	5.25E-09	7.01E-06	2.71E-05	8.08E-06	1.94E-03	8.28E-04	1.95E-04	5.25E-09	3.41E-06	1.32E-05	3.93E-06	1.04E-03
5045	473863.09, 3863877.25	0.0013	0.001	0.0008	0.0011	0.0013	0.0014	0.001	0.001	1.74E-03	1.99E-04	5.25E-09	7.20E-06	2.67E-05	8.26E-06	1.98E-03	8.48E-04	1.99E-04	5.25E-09	3.51E-06	1.30E-05	4.02E-06	1.07E-03
5046	474363.09, 3863877.25	0.0013	0.001	0.0008	0.0012	0.0013	0.0014	0.001	0.001	1.76E-03	2.01E-04	5.32E-09	7.40E-06	2.63E-05	8.50E-06	2.00E-03	8.55E-04	2.01E-04	5.32E-09	3.60E-06	1.28E-05	4.14E-06	1.08E-03
5047	474863.09, 3863877.25	0.0013	0.001	0.0008	0.0012	0.0013	0.0014	0.001	0.001	1.76E-03	2.05E-04	5.52E-09	7.65E-06	2.61E-05	8.69E-06	2.00E-03	8.55E-04	2.05E-04	5.52E-09	3.73E-06	1.27E-05	4.23E-06	1.08E-03
5048	475363.09, 3863877.25	0.0013	0.0011	0.0008	0.0012	0.0013	0.0015	0.001	0.0011	1.78E-03	2.09E-04	5.59E-09	7.91E-06	2.69E-05	8.87E-06	2.04E-03	8.68E-04	2.09E-04	5.59E-09	3.85E-06	1.31E-05	4.32E-06	1.10E-03
5049	475863.09, 3863877.25	0.0013	0.0011	0.0009	0.0013	0.0014	0.0015	0.0011	0.0011	1.78E-03	2.13E-04	5.72E-09	8.23E-06	2.79E-05	9.12E-06	2.04E-03	8.68E-04	2.13E-04	5.72E-09	4.01E-06	1.36E-05	4.44E-06	1.10E-03
5050	476363.09, 3863877.25	0.0013	0.0011	0.0009	0.0013	0.0015	0.0015	0.0011	0.0011	1.81E-03	2.17E-04	5.79E-09	8.56E-06	2.98E-05	9.36E-06	2.08E-03	8.81E-04	2.17E-04	5.79E-09	4.16E-06	1.45E-05	4.56E-06	1.12E-03
5051	476863.09, 3863877.25	0.0013	0.0011	0.0009	0.0014	0.0016	0.0016	0.0011	0.0011	1.81E-03	2.21E-04	6.06E-09	8.81E-06	3.16E-05	9.67E-06	2.08E-03	8.81E-04	2.21E-04	6.06E-09	4.29E-06	1.54E-05	4.71E-06	1.13E-03
5052	477363.09, 3863877.25	0.0014	0.0011	0.001	0.0014	0.0016	0.0016	0.0011	0.0011	1.85E-03	2.25E-04	6.40E-09	9.07E-06	3.34E-05	9.91E-06	2.13E-03	9.01E-04	2.25E-04	6.40E-09	4.41E-06	1.63E-05	4.82E-06	1.15E-03
5053	477863.09, 3863877.25	0.0014	0.0012	0.001	0.0014	0.0017	0.0017	0.0011	0.0012	1.91E-03	2.27E-04	6.46E-09	9.26E-06	3.51E-05	1.02E-05	2.19E-03	9.28E-04	2.27E-04	6.46E-09	4.51E-06	1.71E-05	4.94E-06	1.18E-03
5054	478363.09, 3863877.25	0.0015	0.0011	0.0009	0.0015	0.0017	0.0017	0.0011	0.0011	1.99E-03	2.21E-04	6.26E-09	9.33E-06	3.53E-05	1.02E-05	2.26E-03	9.68E-04	2.21E-04	6.26E-09	4.54E-06	1.72E-05	4.94E-06	1.21E-03
5055	478863.09, 3863877.25	0.0014	0.0012	0.001	0.0015	0.0017	0.0018	0.0012	0.0012	1.96E-03	2.34E-04	6.73E-09	9.58E-06	3.55E-05	1.07E-05	2.25E-03	9.54E-04	2.34E-04	6.73E-09	4.67E-06	1.73E-05	5.21E-06	1.22E-03
5056	479363.09, 3863877.25	0.0014	0.0012	0.0011	0.0015	0.0017	0.0018	0.0012	0.0012	1.95E-03	2.42E-04	7.27E-09	9.91E-06	3.53E-05	1.11E-05	2.25E-03	9.48E-04	2.42E-04	7.27E-09	4.82E-06	1.72E-05	5.42E-06	1.22E-03
5057	479863.09, 3863877.25	0.0014	0.0013	0.0011	0.0016	0.0017	0.0019	0.0012	0.0013	1.93E-03	2.50E-04	7.68E-09	1.02E-05	3.49E-05	1.14E-05	2.24E-03	9.41E-04	2.50E-04	7.68E-09	4.98E-06	1.70E-05	5.57E-06	1.22E-03
5058	480363.09, 3863877.25	0.0014	0.0013	0.0012	0.0017	0.0016	0.0019	0.0013	0.0013	1.92E-03	2.56E-04	8.01E-09	1.07E-05	3.32E-05	1.16E-05	2.23E-03	9.34E-04	2.56E-04	8.01E-09	5.20E-06	1.62E-05	5.63E-06	1.22E-03
5059	480863.09, 3863877.25	0.0014	0.0013	0.0012	0.0017	0.0015	0.0019	0.0013	0.0013	1.88E-03	2.62E-04	7.74E-09	1.11E-05	3.04E-05	1.17E-05	2.19E-03	9.15E-04	2.62E-04	7.74E-09	5.42E-06	1.48E-05	5.69E-06	1.20E-03
5060	481363.09, 3863877.25	0.0014	0.0014	0.0011	0.0018	0.0013	0.002	0.0013	0.0014	1.85E-03	2.70E-04	7.21E-09	1.15E-05	2.69E-05	1.19E-05	2.17E-03	9.01E-04	2.70E-04	7.21E-09	5.60E-06	1.31E-05	5.81E-06	1.20E-03
5061	481863.09, 3863877.25	0.0014	0.0014	0.0011	0.0019	0.0012	0.002	0.0014	0.0014	1.87E-03	2.78E-04	7.41E-09	1.19E-05	2.45E-05	1.22E-05	2.19E-03	9.08E-04	2.78E-04	7.41E-09	5.79E-06	1.19E-05	5.93E-06	1.21E-03
5062	482363.09, 3863877.25	0.0014	0.0014	0.0011	0.0019	0.0012	0.0021	0.0014	0.0014	1.88E-03	2.84E-04	7.54E-09	1.23E-05	2.41E-05	1.25E-05	2.21E-03	9.15E-04	2.84E-04	7.54E-09	5.98E-06	1.17E-05	6.11E-06	1.22E-03
5063	482863.09, 3863877.25	0.0014	0.0015	0.0011	0.002	0.0013	0.0021	0.0014	0.0015	1.87E-03	2.90E-04	7.07E-09	1.27E-05	2.63E-05	1.29E-05	2.21E-03	9.08E-04	2.90E-04	7.07E-09	6.17E-06	1.28E-05	6.28E-06	1.22E-03
5064	483363.09, 3863877.25	0.0014	0.0015	0.0012	0.002	0.0015	0.0022	0.0015	0.0015	1.85E-03	2.96E-04	7.88E-09	1.30E-05	3.06E-05	1.33E-05	2.20E-03	9.01E-04	2.96E-04	7.88E-09	6.32E-06	1.49E-05	6.46E-06	1.22E-03
5065	483863.09, 3863877.25	0.0013	0.0015	0.0013	0.0021	0.0016	0.0022	0.0015	0.0015	1.80E-03	3.01E-04	8.89E-09	1.34E-05	3.34E-05	1.35E-05	2.16E-03	8.75E-04	3.01E-04	8.89E-09	6.54E-06	1.63E-05	6.55E-06	1.21E-03
5066	484363.09, 3863877.25	0.0012	0.0016	0.0013	0.0021	0.0015	0.0022	0.0015	0.0016	1.69E-03	3.09E-04	8.55E-09	1.37E-05	2.98E-05	1.36E-05	2.05E-03	8.22E-04	3.09E-04	8.55E-09	6.67E-06	1.45E-05	6.61E-06	1.16E-03
5067	484863.09, 3863877.25	0.0012	0.0016	0.0012	0.0022	0.0011	0.0022	0.0016	0.0016	1.61E-03	3.17E-04	7.95E-09	1.40E-05	2.30E-05	1.36E-05	1.97E-03	7.82E-04	3.17E-04	7.95E-09	6.79E-06	1.12E-05	6.61E-06	1.12E-03
5068	485363.09, 3863877.25	0.0011	0.0017	0.0011	0.0022	0.0009	0.0022	0.0016	0.0017	1.55E-03	3.25E-04	7.47E-09	1.44E-05	1.92E-05	1.36E-05	1.92E-03	7.55E-04	3.25E-04	7.47E-09	7.01E-06	9.33E-06	6.64E-06	1.10E-03
5069	485863.09, 3863877.25	0.0011	0.0017	0.001	0.0024	0.0009	0.0023	0.0017	0.0017	1.51E-03	3.33E-04	6.67E-09	1.52E-05	1.75E-05	1.40E-05	1.89E-03	7.36E-04	3.33E-04	6.67E-09	7.42E-06	8.54E-06	6.79E-06	1.09E-03
5070	486363.09, 3863877.25	0.001	0.0017	0.0011	0.0025	0.0008	0.0023	0.0017	0.0017	1.42E-03	3.41E-04	7.21E-09	1.63E-05	1.65E-05	1.38E-05	1.80E-03	6.89E-04	3.41E-04	7.21E-09	7.95E-06	8.04E-06	6.73E-06	1.05E-03
5071	486863.09, 3863877.25	0.001	0.0018	0.0013	0.0027	0.0012	0.0022	0.0018	0.0018	1.32E-03	3.51E-04	8.69E-09	1.74E-05	2.39E-05	1.35E-05	1.73E-03	6.43E-04	3.51E-04	8.69E-09	8.48E-06	1.16E-05	6.55E-06	1.02E-03
5072	487363.09, 3863877.25	0.001	0.0018	0.0012	0.0029	0.0013	0.0022	0.0018	0.0018	1.29E-03	3.62E-04	8.35E-09	1.88E-05	2.59E-05	1.36E-05	1.71E-03	6.30E-04	3.62E-04	8.35E-09	9.17E-06	1.26E-05	6.64E-06	1.02E-03
5073	487863.09, 3863877.25	0.001	0.0019	0.0011	0.0032	0.0009	0.0023	0.0019	0.0019	1.36E-03	3.78E-04	7.54E-09	2.08E-05	1.77E-05	1.39E-05	1.79E-03	6.63E-04	3.78E-04	7.54E-09	1.01E-05	8.64E-06	6.76E-06	1.07E-03
5074	488363.09, 3863877.25	0.001	0.002	0.0011	0.0036	0.0006	0.0022	0.002	0.002	1.40E-03	3.94E-04	7.27E-09	2.34E-05	1.31E-05	1.37E-05	1.85E-03	6.83E-04	3.94E-04	7.27E-09	1.14E-05	6.35E-06	6.67E-06	1.10E-03
5075	488863.09, 3863877.25	0.0011	0.0021	0.001	0.0046	0.0006	0.0023	0.002	0.0021	1.48E-03	4.10E-04	6.80E-09	2.97E-05	1.18E-05	1.38E-05	1.95E-03	7.22E-04	4.10E-04	6.80E-09	1.44E-05	5.76E-06	6.70E-06	1.16E-03
5076	489363.09, 3863877.25	0.0012	0.0022	0.0011	0.0038	0.0007	0.0024	0.0021	0.0022	1.65E-03	4.27E-04	7.41E-09	2.43E-05	1.49E-05	1.44E-05	2.13E-03	8.02E-04	4.27E-04	7.41E-09	1.18E-05	7.25E-06	7.00E-06	1.26E-03
5077	489863.09, 3863877.25	0.0014	0.0023	0.0011	0.0038	0.0006	0.0025	0.0022	0.0023	1.92E-03	4.43E-04	7.07E-09	2.43E-05	1.31E-05	1.51E-05	2.42E-03	9.34E-04	4.43E-04	7.07E-09	1.18E-05	6.35E-06	7.36E-06	1.40E-03
5078	490363.09, 3863877.25	0.0016	0.0023	0.001	0.0038	0.0006	0.0025	0.0023	0.0023	2.14E-03	4.59E-04	6.73E-09	2.44E-05	1.20E-05	1.55E-05	2.65E-03	1.04E-03	4.59E-04	6.73E-09	1.19E-05	5.86E-06	7.56E-06	1.52E-03
5079	490863.09, 3863877.25	0.0016	0.0024	0.001	0.0038	0.0011	0.0025	0.0024	0.0024	2.23E-03	4.73E-04	6.40E-09	2.41E-05	2.14E-05	1.52E-05	2.77E-03	1.09E-03	4.73E-04	6.40E-09	1.17E-05	1.04E-05	7.42E-06	1.59E-03
5080	491363.09, 3863877.25	0.0016	0.0025	0.0009	0.0036	0.0017	0.0024	0.0025	0.0025	2.12E-03	4.85E-04	6.20E-09	2.33E-05	3.43E-05	1.47E-05	2.68E-03	1.03E-03	4.85E-04	6.20E-09	1.14E-05	1.67E-05	7.15E-06	1.55E-03

5081	491863.09, 3863877.25	0.0015	0.0024	0.0011	0.0035	0.002	0.0024	0.0025	0.0024	1.99E-03	4.79E-04	7.34E-09	2.26E-05	4.10E-05	1.49E-05	2.54E-03	9.68E-04	4.79E-04	7.34E-09	1.10E-05	2.00E-05	7.27E-06	1.48E-03
5082	492363.09, 3863877.25	0.0014	0.0022	0.0011	0.0033	0.002	0.0024	0.0022	0.0022	1.96E-03	4.24E-04	7.47E-09	2.10E-05	4.08E-05	1.46E-05	2.46E-03	9.54E-04	4.24E-04	7.47E-09	1.02E-05	1.99E-05	7.12E-06	1.42E-03
5083	492863.09, 3863877.25	0.0015	0.0019	0.001	0.003	0.0018	0.0023	0.0019	0.0019	1.97E-03	3.78E-04	6.94E-09	1.94E-05	3.73E-05	1.42E-05	2.42E-03	9.61E-04	3.78E-04	6.94E-09	9.46E-06	1.82E-05	6.91E-06	1.37E-03
5084	493363.09, 3863877.25	0.0015	0.002	0.0011	0.003	0.0015	0.0023	0.002	0.002	2.01E-03	3.98E-04	7.27E-09	1.90E-05	3.06E-05	1.41E-05	2.48E-03	9.81E-04	3.98E-04	7.27E-09	9.24E-06	1.49E-05	6.88E-06	1.41E-03
5085	493863.09, 3863877.25	0.0015	0.0022	0.0011	0.0029	0.0012	0.0023	0.0021	0.0022	2.04E-03	4.29E-04	7.27E-09	1.84E-05	2.45E-05	1.38E-05	2.53E-03	9.94E-04	4.29E-04	7.27E-09	8.95E-06	1.19E-05	6.70E-06	1.45E-03
5086	494363.09, 3863877.25	0.0015	0.0023	0.0011	0.0029	0.0012	0.0023	0.0023	0.0023	2.04E-03	4.61E-04	7.34E-09	1.83E-05	2.35E-05	1.38E-05	2.56E-03	9.94E-04	4.61E-04	7.34E-09	8.92E-06	1.14E-05	6.73E-06	1.48E-03
5087	494863.09, 3863877.25	0.0015	0.0024	0.0011	0.0029	0.0013	0.0023	0.0024	0.0024	2.03E-03	4.71E-04	7.07E-09	1.83E-05	2.61E-05	1.40E-05	2.56E-03	9.87E-04	4.71E-04	7.07E-09	8.92E-06	1.27E-05	6.82E-06	1.49E-03
5088	495363.09, 3863877.25	0.0015	0.0025	0.001	0.0027	0.0014	0.0023	0.0025	0.0025	2.03E-03	4.89E-04	6.67E-09	1.76E-05	2.75E-05	1.40E-05	2.58E-03	9.87E-04	4.89E-04	6.67E-09	8.58E-06	1.34E-05	6.79E-06	1.50E-03
5089	495863.09, 3863877.25	0.0015	0.0025	0.001	0.0026	0.0013	0.0022	0.0025	0.0025	2.06E-03	4.94E-04	6.53E-09	1.69E-05	2.63E-05	1.37E-05	2.61E-03	1.00E-03	4.94E-04	6.53E-09	8.20E-06	1.28E-05	6.67E-06	1.52E-03
5090	496363.09, 3863877.25	0.0015	0.0028	0.001	0.0026	0.0012	0.0023	0.0028	0.0028	2.04E-03	5.59E-04	6.94E-09	1.64E-05	2.47E-05	1.38E-05	2.66E-03	9.94E-04	5.59E-04	6.94E-09	7.98E-06	1.20E-05	6.70E-06	1.58E-03
5091	496863.09, 3863877.25	0.0015	0.0032	0.0011	0.0025	0.0012	0.0022	0.0032	0.0032	2.03E-03	6.30E-04	7.21E-09	1.61E-05	2.51E-05	1.36E-05	2.71E-03	9.87E-04	6.30E-04	7.21E-09	7.86E-06	1.22E-05	6.61E-06	1.64E-03
5092	497363.09, 3863877.25	0.0015	0.0033	0.0011	0.0025	0.0013	0.0022	0.0033	0.0033	2.01E-03	6.48E-04	7.34E-09	1.58E-05	2.67E-05	1.33E-05	2.72E-03	9.81E-04	6.48E-04	7.34E-09	7.70E-06	1.30E-05	6.49E-06	1.66E-03
5093	497863.09, 3863877.25	0.0015	0.0032	0.0011	0.0024	0.0014	0.0021	0.0032	0.0032	1.99E-03	6.36E-04	7.27E-09	1.54E-05	2.88E-05	1.31E-05	2.68E-03	9.68E-04	6.36E-04	7.27E-09	7.51E-06	1.40E-05	6.37E-06	1.63E-03
5094	498363.09, 3863877.25	0.0014	0.0031	0.001	0.0023	0.0015	0.0021	0.0031	0.0031	1.93E-03	6.17E-04	7.00E-09	1.47E-05	2.98E-05	1.27E-05	2.61E-03	9.41E-04	6.17E-04	7.00E-09	7.17E-06	1.45E-05	6.19E-06	1.59E-03
5095	471363.09, 3864377.25	0.0011	0.0009	0.0007	0.001	0.0012	0.0012	0.0009	0.0009	1.52E-03	1.77E-04	4.44E-09	6.18E-06	2.53E-05	7.10E-06	1.74E-03	7.42E-04	1.77E-04	4.44E-09	3.01E-06	1.23E-05	3.45E-06	9.38E-04
5096	471863.09, 3864377.25	0.0011	0.0009	0.0007	0.001	0.0012	0.0012	0.0009	0.0009	1.55E-03	1.79E-04	4.65E-09	6.30E-06	2.53E-05	7.28E-06	1.77E-03	7.55E-04	1.79E-04	4.65E-09	3.07E-06	1.23E-05	3.54E-06	9.54E-04
5097	472363.09, 3864377.25	0.0012	0.0009	0.0007	0.001	0.0012	0.0012	0.0009	0.0009	1.58E-03	1.83E-04	4.78E-09	6.50E-06	2.49E-05	7.40E-06	1.80E-03	7.69E-04	1.83E-04	4.78E-09	3.16E-06	1.21E-05	3.60E-06	9.71E-04
5098	472863.09, 3864377.25	0.0012	0.001	0.0007	0.001	0.0012	0.0012	0.0009	0.001	1.59E-03	1.87E-04	4.85E-09	6.63E-06	2.45E-05	7.59E-06	1.82E-03	7.75E-04	1.87E-04	4.85E-09	3.22E-06	1.19E-05	3.69E-06	9.81E-04
5099	473363.09, 3864377.25	0.0012	0.001	0.0007	0.0011	0.0012	0.0013	0.0009	0.001	1.61E-03	1.89E-04	4.92E-09	6.88E-06	2.39E-05	7.77E-06	1.83E-03	7.82E-04	1.89E-04	4.92E-09	3.35E-06	1.16E-05	3.78E-06	9.90E-04
5100	473863.09, 3864377.25	0.0012	0.001	0.0007	0.0011	0.0012	0.0013	0.001	0.001	1.62E-03	1.93E-04	4.98E-09	7.08E-06	2.37E-05	7.95E-06	1.85E-03	7.89E-04	1.93E-04	4.98E-09	3.44E-06	1.15E-05	3.87E-06	1.00E-03
5101	474363.09, 3864377.25	0.0012	0.001	0.0008	0.0011	0.0012	0.0013	0.001	0.001	1.62E-03	1.95E-04	5.12E-09	7.33E-06	2.41E-05	8.08E-06	1.85E-03	7.89E-04	1.95E-04	5.12E-09	3.57E-06	1.17E-05	3.93E-06	1.00E-03
5102	474863.09, 3864377.25	0.0012	0.001	0.0008	0.0012	0.0012	0.0014	0.001	0.001	1.62E-03	1.99E-04	5.32E-09	7.53E-06	2.49E-05	8.26E-06	1.86E-03	7.89E-04	1.99E-04	5.32E-09	3.66E-06	1.21E-05	4.02E-06	1.01E-03
5103	475363.09, 3864377.25	0.0012	0.001	0.0008	0.0012	0.0013	0.0014	0.001	0.001	1.63E-03	2.01E-04	5.45E-09	7.78E-06	2.65E-05	8.38E-06	1.88E-03	7.95E-04	2.01E-04	5.45E-09	3.79E-06	1.29E-05	4.08E-06	1.02E-03
5104	475863.09, 3864377.25	0.0012	0.001	0.0008	0.0012	0.0014	0.0014	0.001	0.001	1.63E-03	2.05E-04	5.52E-09	7.98E-06	2.79E-05	8.63E-06	1.88E-03	7.95E-04	2.05E-04	5.52E-09	3.88E-06	1.36E-05	4.20E-06	1.02E-03
5105	476363.09, 3864377.25	0.0012	0.0011	0.0009	0.0013	0.0015	0.0015	0.001	0.0011	1.65E-03	2.09E-04	5.72E-09	8.17E-06	2.98E-05	8.93E-06	1.90E-03	8.02E-04	2.09E-04	5.72E-09	3.98E-06	1.45E-05	4.35E-06	1.03E-03
5106	476863.09, 3864377.25	0.0012	0.0011	0.0009	0.0013	0.0015	0.0015	0.0011	0.0011	1.67E-03	2.13E-04	5.99E-09	8.36E-06	3.10E-05	9.18E-06	1.94E-03	8.15E-04	2.13E-04	5.99E-09	4.07E-06	1.51E-05	4.47E-06	1.05E-03
5107	477363.09, 3864377.25	0.0012	0.0011	0.0009	0.0013	0.0015	0.0016	0.0011	0.0011	1.69E-03	2.19E-04	6.26E-09	8.49E-06	3.14E-05	9.48E-06	1.96E-03	8.22E-04	2.19E-04	6.26E-09	4.13E-06	1.53E-05	4.62E-06	1.06E-03
5108	477863.09, 3864377.25	0.0013	0.0011	0.0009	0.0014	0.0015	0.0016	0.0011	0.0011	1.72E-03	2.23E-04	6.26E-09	8.68E-06	3.12E-05	9.73E-06	1.99E-03	8.35E-04	2.23E-04	6.26E-09	4.23E-06	1.52E-05	4.74E-06	1.08E-03
5109	478363.09, 3864377.25	0.0013	0.0011	0.0009	0.0014	0.0015	0.0016	0.0011	0.0011	1.74E-03	2.25E-04	6.33E-09	8.94E-06	3.12E-05	9.97E-06	2.02E-03	8.48E-04	2.25E-04	6.33E-09	4.35E-06	1.52E-05	4.85E-06	1.10E-03
5110	478863.09, 3864377.25	0.0013	0.0012	0.001	0.0014	0.0016	0.0017	0.0011	0.0012	1.76E-03	2.29E-04	6.67E-09	9.20E-06	3.16E-05	1.02E-05	2.04E-03	8.55E-04	2.29E-04	6.67E-09	4.48E-06	1.54E-05	4.94E-06	1.11E-03
5111	479363.09, 3864377.25	0.0013	0.0012	0.001	0.0015	0.0015	0.0017	0.0012	0.0012	1.76E-03	2.32E-04	7.00E-09	9.52E-06	3.14E-05	1.03E-05	2.04E-03	8.55E-04	2.32E-04	7.00E-09	4.63E-06	1.53E-05	5.00E-06	1.11E-03
5112	479863.09, 3864377.25	0.0013	0.0012	0.0011	0.0015	0.0015	0.0017	0.0012	0.0012	1.74E-03	2.38E-04	7.21E-09	9.91E-06	3.00E-05	1.04E-05	2.03E-03	8.48E-04	2.38E-04	7.21E-09	4.82E-06	1.46E-05	5.06E-06	1.11E-03
5113	480363.09, 3864377.25	0.0013	0.0012	0.0011	0.0016	0.0013	0.0017	0.0012	0.0012	1.72E-03	2.42E-04	7.21E-09	1.03E-05	2.71E-05	1.05E-05	2.01E-03	8.35E-04	2.42E-04	7.21E-09	5.01E-06	1.32E-05	5.12E-06	1.10E-03
5114	480863.09, 3864377.25	0.0012	0.0013	0.001	0.0016	0.0012	0.0017	0.0012	0.0013	1.66E-03	2.46E-04	6.67E-09	1.05E-05	2.41E-05	1.06E-05	1.95E-03	8.08E-04	2.46E-04	6.67E-09	5.13E-06	1.17E-05	5.18E-06	1.08E-03
5115	481363.09, 3864377.25	0.0012	0.0013	0.0009	0.0017	0.0011	0.0018	0.0013	0.0013	1.63E-03	2.54E-04	6.26E-09	1.07E-05	2.18E-05	1.08E-05	1.93E-03	7.95E-04	2.54E-04	6.26E-09	5.20E-06	1.06E-05	5.27E-06	1.07E-03
5116	481863.09, 3864377.25	0.0012	0.0013	0.001	0.0017	0.001	0.0018	0.0013	0.0013	1.65E-03	2.62E-04	6.60E-09	1.09E-05	2.12E-05	1.12E-05	1.95E-03	8.02E-04	2.62E-04	6.60E-09	5.32E-06	1.03E-05	5.45E-06	1.08E-03
5117	482363.09, 3864377.25	0.0012	0.0014	0.001	0.0018	0.0011	0.0019	0.0013	0.0014	1.65E-03	2.66E-04	6.73E-09	1.13E-05	2.24E-05	1.16E-05	1.96E-03	8.02E-04	2.66E-04	6.73E-09	5.48E-06	1.09E-05	5.63E-06	1.09E-03
5118	482863.09, 3864377.25	0.0012	0.0014	0.001	0.0018	0.0013	0.0019	0.0013	0.0014	1.63E-03	2.70E-04	6.80E-09	1.16E-05	2.61E-05	1.19E-05	1.95E-03	7.95E-04	2.70E-04	6.80E-09	5.64E-06	1.27E-05	5.78E-06	1.09E-03
5119	483363.09, 3864377.25	0.0012	0.0014	0.0012	0.0018	0.0015	0.002	0.0014	0.0014	1.61E-03	2.76E-04	7.81E-09	1.18E-05	2.96E-05	1.20E-05	1.94E-03	7.82E-04	2.76E-04	7.81E-09	5.76E-06	1.44E-05	5.84E-06	1.08E-03
5120	483863.09, 3864377.25	0.0011	0.0014	0.0012	0.0019	0.0014	0.002	0.0014	0.0014	1.54E-03	2.82E-04	8.35E-09	1.20E-05	2.90E-05	1.21E-05	1.87E-03	7.49E-04	2.82E-04	8.35E-09	5.85E-06	1.41E-05	5.87E-06	1.06E-03
5121	484363.09, 3864377.25	0.0011	0.0015	0.0011	0.0019	0.0012	0.002	0.0014	0.0015	1.44E-03	2.88E-04	7.61E-09	1.22E-05	2.37E-05	1.21E-05	1.78E-03	7.02E-04	2.88E-04	7.61E-09	5.92E-06	1.15E-05	5.87E-06	1.01E-03
5122	484863.09, 3864377.25	0.001	0.0015	0.001	0.0019	0.0009	0.002	0.0015	0.0015	1.38E-03	2.96E-04	6.80E-09	1.24E-05	1.84E-05	1.20E-05	1.71E-03	6.69E-04	2.96E-04	6.80E-09	6.01E-06	8.93E-06	5.84E-06	9.86E-04
5123	485363.09, 3864377.25	0.001	0.0015	0.001	0.002	0.0008	0.002	0.0015	0.0015	1.35E-03	3.03E-04	6.40E-09	1.28E-05	1.67E-05	1.21E-05	1.69E-03	6.56E-04	3.03E-04	6.40E-09	6.23E-06	8.14E-06	5.90E-06	9.80E-04
5124	485863.09, 3864377.25	0.001	0.0016	0.0009	0.0021	0.0007	0.002	0.0016	0.0016	1.29E-03	3.11E-04	5.93E-09	1.36E-05	1.49E-05	1.24E-05	1.65E-03	6.30E-04	3.11E-04	5.93E-09	6.61E-06	7.25E-06	6.05E-06	9.61E-04
5125	486363.09, 3864377.25	0.0009	0.0016	0.0011	0.0022	0.0008	0.002	0.0016	0.0016	1.21E-03	3.17E-04	7.14E-09	1.43E-05	1.53E-05	1.22E-05	1.57E-03	5.90E-04	3.17E-04	7.14E-09	6.95E-06	7.45E-06	5.93E-06	9.27E-04
5126	486863.09, 3864377.25	0.0008	0.0017	0.0012	0.0023	0.0011	0.002	0.0016	0.0017	1.12E-03	3.25E-04	7.95E-09	1.50E-05	2.33E-05	1.21E-05	1.49E-03	5.43E-04	3.25E-04	7.95E-09	7.30E-06	1.13E-05	5.90E-06	8.93E-04
5127	487363.09, 3864377.25	0.0008	0.0017	0.0011	0.0025	0.0012	0.002	0.0017	0.0017	1.09E-03	3.35E-04	7.14E-09	1.58E-05	2.37E-05	1.21E-05	1.48E-03	5.30E-04	3.35E-04	7.14E-09	7.67E-06	1.15E-05	5.90E-06	8.90E-04
5128	487863.09, 3864377.25	0.0008	0.0018	0.001	0.0026	0.0008	0.002	0.0017	0.0018	1.14E-03	3.45E-04	6.46E-09	1.66E-05	1.59E-05	1.23E-05	1.53E-03	5.57E-04	3.45E-04	6.46E-09	8.08E-06	7.74E-06	5.99E-06	9.23E-04
5129	488363.09, 3864377.25	0.0009	0.0018	0.0009	0.0027	0.0006	0.002	0.0018	0.0018	1.20E-03	3.57E-04	6.26E-09	1.72E-05	1.20E-05	1.19E-05	1.60E-03	5.83E-04	3.57E-04	6.26E-09	8.36E-06	5.86E-06	5.81E-06	9.60E-04
5130	488863.09, 3864377.25	0.0009	0.0019	0.001	0.0028	0.0005	0.002	0.0018	0.0019	1.27E-03	3.66E-04	6.40E-09	1.77E-05	1.02E-05	1.19E-05	1.67E-03	6.16E-04	3.66E-04	6.40E-09	8.61E-06	4.96E-06	5.81E-06	1.00E-03
5131	489363.09, 3864377.25	0.001	0.0019	0.001	0.0024	0.0006	0.002	0.0019	0.0019	1.36E-03	3.76E-04	6.80E-09	1.51E-05	1.31E-05	1.22E-05	1.78E-03	6.63E-04	3.76E-04	6.80E-09	7.36E-06	6.35E-06	5.96E-06	1.06E-03
5132	489863.09, 3864377.25	0.0012	0.002	0.0009	0.0023	0.0006	0.0021	0.0019	0.002	1.58E-03	3.86E-04	6.06E-09	1.49E-05	1.28E-05	1.27E-05	2.01E-03	7.69E-04	3.86E-04	6.06E-09	7.23E-06	6.25E-06	6.19E-06	1.17E-03
5133	490363.09, 3864377.25	0.0013	0.002	0.0009	0.0024	0.0005	0.0022	0.002	0.002	1.81E-03	3.98E-04	5.99E-09	1.53E-05	9.79E-06	1.33E-05	2.25E-03	8.81E-04	3.98E-04	5.99E-09	7.45E-06	4.77E-06	6.46E-06	1.30E-03
5134	490863.09, 3864377.25	0.0015	0.0021	0.0009	0.0024	0.0007	0.0022	0.002	0.0021	1.99E-03	4.06E-04	6.06E-09	1.57E-05	1.43E-05	1.36E-05	2.44E-03	9.68E-04	4.06E-04	6.06E-09	7.64E-06	6.95E-06	6.64E-06	1.39E-03
5135	491363.09, 3864377.25	0.0015	0.002	0.0009	0.0024	0.0013	0.0023	0.0019	0.002	2.10E-03	3.86E-04	5.79E-09	1.55E-05	2.69E-05	1.38E-05	2.54E-03	1.02E-03	3.86E-04	5.79E-09	7.55E-06	1.31E-05	6.73E-06	1.43E-03
5136	491863.09, 3864377.25	0.0015	0.0011	0.0006	0.0015	0.0014	0.0015	0.0012	0.0011	1.97E-03	2.25E-04	4.24E-09	9.91E-06	2.83E-05	9.06E-06	2.25E-03	9.61E-04	2.25E-04	4.24E-09	4.82E-06	1.38E-05	4.41E-06	1.21E-03
5137	492363.09, 3864377.25	0.0014	0.0014	0.0009	0.002	0.0019	0.0019	0.0015	0.0014	1.92E-03	2.84E-04	6.13E-09	1.30E-05	3.96E-05	1.14E-05	2.27E-03	9.34E-04	2.84E-04	6.13E-09	6.32E-06	1.93E-05	5.54E-06	1.25E-03
5138	492863.09, 3864377.25	0.0013	0.0012	0.0007	0.0017	0.0015	0.0015	0.0013	0.0012	1.72E-03	2.32E-04	4.44E-09	1.08E-05	3.02E-05	9.30E-06	2.00E-03	8.35E-04	2.32E-04	4.44E-09	5.26E-06	1.47E-05	4.53E-06	1.09E-03
5139	493363.09, 3864377.25	0.0013	0.0014	0.0009	0.002	0.0016	0.0018	0.0014	0.0014	1.78E-03	2.72E-04	5.72E-09	1.29E-05	3.28E-05	1.07E-05	2.11E-03	8.68E-04	2.72E-04	5.72E-09	6.26E-06	1.60E-05	5.21E-06	1.17E-03
5140	493863.09, 3864377.25	0.0013	0.0016	0.0009	0.0022	0.0013	0.0019	0.0016	0.0016	1.78E-03	3.19E-04	6.20E-09	1.40E-05	2.57E-05	1.16E-05	2.15E-03	8.68E-04	3.19E-04	6.20E-09	6.79E-06	1.25E-05	5.66E-06	1.21E-03
5141	494363.09, 3864377.25	0.0013	0.0018	0.001	0.0022	0.0011	0.0019	0.0017	0.0018	1.80E-03	3.51E-04	6.46E-09	1.42E-05	2.14E-05	1.17E-05	2.20E-03	8.75E-04	3.51E-04	6.46E-09	6.89E-06	1.04E-05	5.72E-06	1.25E-03
5142	494863.09, 3864377.25	0.0013	0.0019	0.001	0.0023	0.001	0.0019	0.0019	0.0019	1.78E-03	3.74E-04	6.60E-09	1.45E-05	2.08E-05	1.19E-05	2.21E-03	8.68E-04	3.74E-04	6.60E-09	7.08E-06	1.01E-05	5.78E-06	1.27E-03

5143	495363.09, 3864377.25	0.0013	0.0019	0.001	0.0023	0.0011	0.002	0.0019	0.0019	1.78E-03	3.74E-04	6.40E-09	1.49E-05	2.33E-05	1.21E-05	2.21E-03	8.68E-04	3.74E-04	6.40E-09	7.26E-06	1.13E-05	5.90E-06	1.27E-03
5144	495863.09, 3864377.25	0.0013	0.0019	0.0009	0.0023	0.0012	0.002	0.0019	0.0019	1.78E-03	3.78E-04	5.99E-09	1.46E-05	2.49E-05	1.21E-05	2.21E-03	8.68E-04	3.78E-04	5.99E-09	7.11E-06	1.21E-05	5.90E-06	1.27E-03
5145	496363.09, 3864377.25	0.0013	0.002	0.0009	0.0022	0.0012	0.002	0.002	0.002	1.78E-03	4.00E-04	5.79E-09	1.41E-05	2.39E-05	1.19E-05	2.23E-03	8.68E-04	4.00E-04	5.79E-09	6.86E-06	1.16E-05	5.81E-06	1.29E-03
5146	496863.09, 3864377.25	0.0013	0.0021	0.0009	0.0021	0.0011	0.0019	0.0021	0.0021	1.80E-03	4.12E-04	5.99E-09	1.36E-05	2.22E-05	1.19E-05	2.26E-03	8.75E-04	4.12E-04	5.99E-09	6.64E-06	1.08E-05	5.78E-06	1.31E-03
5147	497363.09, 3864377.25	0.0013	0.0023	0.0009	0.0021	0.0011	0.0019	0.0022	0.0023	1.80E-03	4.49E-04	6.33E-09	1.35E-05	2.22E-05	1.18E-05	2.29E-03	8.75E-04	4.49E-04	6.33E-09	6.58E-06	1.08E-05	5.75E-06	1.35E-03
5148	497863.09, 3864377.25	0.0013	0.0023	0.001	0.0021	0.0012	0.0019	0.0023	0.0023	1.82E-03	4.55E-04	6.80E-09	1.36E-05	2.39E-05	1.19E-05	2.33E-03	8.88E-04	4.55E-04	6.80E-09	6.64E-06	1.16E-05	5.78E-06	1.37E-03
5149	498363.09, 3864377.25	0.0013	0.0024	0.001	0.0021	0.0012	0.0019	0.0024	0.0024	1.78E-03	4.81E-04	6.67E-09	1.33E-05	2.53E-05	1.16E-05	2.31E-03	8.68E-04	4.81E-04	6.67E-09	6.48E-06	1.23E-05	5.63E-06	1.37E-03
5150	471363.09, 3864877.25	0.0011	0.0009	0.0007	0.0009	0.0011	0.0011	0.0009	0.0009	1.44E-03	1.71E-04	4.44E-09	6.05E-06	2.28E-05	6.91E-06	1.65E-03	7.02E-04	1.71E-04	4.44E-09	2.94E-06	1.11E-05	3.37E-06	8.91E-04
5151	471863.09, 3864877.25	0.0011	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.47E-03	1.75E-04	4.51E-09	6.24E-06	2.22E-05	7.04E-06	1.68E-03	7.16E-04	1.75E-04	4.51E-09	3.04E-06	1.08E-05	3.42E-06	9.08E-04
5152	472363.09, 3864877.25	0.0011	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.48E-03	1.77E-04	4.51E-09	6.37E-06	2.18E-05	7.16E-06	1.70E-03	7.22E-04	1.77E-04	4.51E-09	3.10E-06	1.06E-05	3.48E-06	9.17E-04
5153	472863.09, 3864877.25	0.0011	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.50E-03	1.81E-04	4.58E-09	6.56E-06	2.16E-05	7.28E-06	1.71E-03	7.29E-04	1.81E-04	4.58E-09	3.19E-06	1.05E-05	3.54E-06	9.27E-04
5154	473363.09, 3864877.25	0.0011	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	1.50E-03	1.83E-04	4.71E-09	6.75E-06	2.18E-05	7.40E-06	1.72E-03	7.29E-04	1.83E-04	4.71E-09	3.29E-06	1.06E-05	3.60E-06	9.30E-04
5155	473863.09, 3864877.25	0.0011	0.001	0.0007	0.0011	0.0011	0.0012	0.0009	0.001	1.50E-03	1.87E-04	4.92E-09	6.95E-06	2.26E-05	7.53E-06	1.72E-03	7.29E-04	1.87E-04	4.92E-09	3.38E-06	1.10E-05	3.66E-06	9.34E-04
5156	474363.09, 3864877.25	0.0011	0.001	0.0008	0.0011	0.0012	0.0013	0.0009	0.001	1.50E-03	1.89E-04	5.12E-09	7.14E-06	2.39E-05	7.65E-06	1.73E-03	7.29E-04	1.89E-04	5.12E-09	3.48E-06	1.16E-05	3.72E-06	9.37E-04
5157	474863.09, 3864877.25	0.0011	0.001	0.0008	0.0011	0.0012	0.0013	0.001	0.001	1.50E-03	1.91E-04	5.19E-09	7.27E-06	2.51E-05	7.83E-06	1.73E-03	7.29E-04	1.91E-04	5.19E-09	3.54E-06	1.22E-05	3.81E-06	9.40E-04
5158	475363.09, 3864877.25	0.0011	0.001	0.0008	0.0012	0.0013	0.0013	0.001	0.001	1.50E-03	1.95E-04	5.25E-09	7.40E-06	2.65E-05	8.02E-06	1.73E-03	7.29E-04	1.95E-04	5.25E-09	3.60E-06	1.29E-05	3.90E-06	9.44E-04
5159	475863.09, 3864877.25	0.0011	0.001	0.0008	0.0012	0.0014	0.0014	0.001	0.001	1.50E-03	1.99E-04	5.39E-09	7.53E-06	2.77E-05	8.26E-06	1.74E-03	7.29E-04	1.99E-04	5.39E-09	3.66E-06	1.35E-05	4.02E-06	9.49E-04
5160	476363.09, 3864877.25	0.0011	0.001	0.0008	0.0012	0.0014	0.0014	0.001	0.001	1.52E-03	2.03E-04	5.52E-09	7.65E-06	2.86E-05	8.50E-06	1.77E-03	7.42E-04	2.03E-04	5.52E-09	3.73E-06	1.39E-05	4.14E-06	9.67E-04
5161	476863.09, 3864877.25	0.0011	0.001	0.0009	0.0012	0.0014	0.0014	0.001	0.001	1.55E-03	2.05E-04	5.79E-09	7.85E-06	2.88E-05	8.75E-06	1.80E-03	7.55E-04	2.05E-04	5.79E-09	3.82E-06	1.40E-05	4.26E-06	9.82E-04
5162	477363.09, 3864877.25	0.0012	0.0011	0.0009	0.0013	0.0014	0.0015	0.001	0.0011	1.58E-03	2.09E-04	5.79E-09	8.04E-06	2.83E-05	8.93E-06	1.83E-03	7.69E-04	2.09E-04	5.79E-09	3.91E-06	1.38E-05	4.35E-06	1.00E-03
5163	477863.09, 3864877.25	0.0012	0.0011	0.0009	0.0013	0.0014	0.0015	0.001	0.0011	1.59E-03	2.13E-04	5.79E-09	8.30E-06	2.83E-05	9.12E-06	1.85E-03	7.75E-04	2.13E-04	5.79E-09	4.04E-06	1.38E-05	4.44E-06	1.01E-03
5164	478363.09, 3864877.25	0.0012	0.0011	0.0009	0.0013	0.0014	0.0015	0.0011	0.0011	1.59E-03	2.15E-04	6.06E-09	8.56E-06	2.88E-05	9.24E-06	1.85E-03	7.75E-04	2.15E-04	6.06E-09	4.16E-06	1.40E-05	4.50E-06	1.01E-03
5165	478863.09, 3864877.25	0.0012	0.0011	0.001	0.0014	0.0014	0.0015	0.0011	0.0011	1.59E-03	2.19E-04	6.40E-09	8.88E-06	2.86E-05	9.30E-06	1.86E-03	7.75E-04	2.19E-04	6.40E-09	4.32E-06	1.39E-05	4.53E-06	1.02E-03
5166	479363.09, 3864877.25	0.0012	0.0011	0.001	0.0014	0.0013	0.0016	0.0011	0.0011	1.58E-03	2.23E-04	6.53E-09	9.13E-06	2.69E-05	9.48E-06	1.85E-03	7.69E-04	2.23E-04	6.53E-09	4.45E-06	1.31E-05	4.62E-06	1.01E-03
5167	479863.09, 3864877.25	0.0011	0.0012	0.001	0.0015	0.0012	0.0016	0.0011	0.0012	1.55E-03	2.27E-04	6.53E-09	9.39E-06	2.43E-05	9.61E-06	1.82E-03	7.55E-04	2.27E-04	6.53E-09	4.57E-06	1.18E-05	4.68E-06	1.00E-03
5168	480363.09, 3864877.25	0.0011	0.0012	0.0009	0.0015	0.0011	0.0016	0.0011	0.0012	1.52E-03	2.30E-04	6.33E-09	9.58E-06	2.18E-05	9.73E-06	1.80E-03	7.42E-04	2.30E-04	6.33E-09	4.67E-06	1.06E-05	4.74E-06	9.93E-04
5169	480863.09, 3864877.25	0.0011	0.0012	0.0009	0.0015	0.001	0.0016	0.0012	0.0012	1.47E-03	2.34E-04	5.72E-09	9.65E-06	1.98E-05	9.85E-06	1.74E-03	7.16E-04	2.34E-04	5.72E-09	4.70E-06	9.63E-06	4.79E-06	9.69E-04
5170	481363.09, 3864877.25	0.0011	0.0012	0.0008	0.0015	0.0009	0.0017	0.0012	0.0012	1.46E-03	2.42E-04	5.66E-09	9.71E-06	1.90E-05	1.01E-05	1.74E-03	7.09E-04	2.42E-04	5.66E-09	4.73E-06	9.23E-06	4.91E-06	9.70E-04
5171	481863.09, 3864877.25	0.0011	0.0013	0.0009	0.0016	0.001	0.0017	0.0012	0.0013	1.46E-03	2.48E-04	6.06E-09	9.97E-06	1.96E-05	1.04E-05	1.74E-03	7.09E-04	2.48E-04	6.06E-09	4.85E-06	9.53E-06	5.06E-06	9.77E-04
5172	482363.09, 3864877.25	0.0011	0.0013	0.0009	0.0016	0.0011	0.0017	0.0012	0.0013	1.46E-03	2.52E-04	6.33E-09	1.04E-05	2.22E-05	1.06E-05	1.75E-03	7.09E-04	2.52E-04	6.33E-09	5.04E-06	1.08E-05	5.18E-06	9.82E-04
5173	482863.09, 3864877.25	0.0011	0.0013	0.001	0.0017	0.0013	0.0018	0.0013	0.0013	1.44E-03	2.56E-04	6.87E-09	1.06E-05	2.57E-05	1.08E-05	1.75E-03	7.02E-04	2.56E-04	6.87E-09	5.17E-06	1.25E-05	5.24E-06	9.81E-04
5174	483363.09, 3864877.25	0.001	0.0013	0.0011	0.0017	0.0013	0.0018	0.0013	0.0013	1.40E-03	2.62E-04	7.54E-09	1.07E-05	2.69E-05	1.08E-05	1.71E-03	6.83E-04	2.62E-04	7.54E-09	5.20E-06	1.31E-05	5.27E-06	9.68E-04
5175	483863.09, 3864877.25	0.001	0.0014	0.0011	0.0017	0.0012	0.0018	0.0013	0.0014	1.33E-03	2.66E-04	7.47E-09	1.07E-05	2.39E-05	1.08E-05	1.65E-03	6.49E-04	2.66E-04	7.47E-09	5.23E-06	1.16E-05	5.24E-06	9.37E-04
5176	484363.09, 3864877.25	0.0009	0.0014	0.001	0.0017	0.0009	0.0018	0.0014	0.0014	1.27E-03	2.70E-04	6.53E-09	1.09E-05	1.86E-05	1.08E-05	1.58E-03	6.16E-04	2.70E-04	6.53E-09	5.32E-06	9.03E-06	5.24E-06	9.06E-04
5177	484863.09, 3864877.25	0.0009	0.0014	0.0009	0.0017	0.0008	0.0018	0.0014	0.0014	1.21E-03	2.76E-04	5.93E-09	1.12E-05	1.55E-05	1.08E-05	1.53E-03	5.90E-04	2.76E-04	5.93E-09	5.45E-06	7.54E-06	5.27E-06	8.84E-04
5178	485363.09, 3864877.25	0.0009	0.0014	0.0009	0.0018	0.0007	0.0018	0.0014	0.0014	1.18E-03	2.84E-04	5.72E-09	1.16E-05	1.49E-05	1.11E-05	1.51E-03	5.77E-04	2.84E-04	5.72E-09	5.67E-06	7.25E-06	5.39E-06	8.79E-04
5179	485863.09, 3864877.25	0.0008	0.0015	0.0009	0.0019	0.0006	0.0018	0.0014	0.0015	1.13E-03	2.88E-04	5.72E-09	1.21E-05	1.28E-05	1.12E-05	1.45E-03	5.50E-04	2.88E-04	5.72E-09	5.89E-06	6.25E-06	5.45E-06	8.55E-04
5180	486363.09, 3864877.25	0.0008	0.0015	0.001	0.002	0.0007	0.0018	0.0015	0.0015	1.06E-03	2.92E-04	6.94E-09	1.25E-05	1.47E-05	1.10E-05	1.39E-03	5.17E-04	2.92E-04	6.94E-09	6.11E-06	7.15E-06	5.33E-06	8.27E-04
5181	486863.09, 3864877.25	0.0007	0.0015	0.001	0.002	0.0011	0.0018	0.0015	0.0015	9.67E-04	2.96E-04	7.00E-09	1.31E-05	2.26E-05	1.10E-05	1.31E-03	4.71E-04	2.96E-04	7.00E-09	6.36E-06	1.10E-05	5.33E-06	7.89E-04
5182	487363.09, 3864877.25	0.0007	0.0015	0.0009	0.0021	0.0011	0.0018	0.0015	0.0015	9.53E-04	3.01E-04	6.06E-09	1.36E-05	2.14E-05	1.08E-05	1.30E-03	4.64E-04	3.01E-04	6.06E-09	6.61E-06	1.04E-05	5.24E-06	7.88E-04
5183	487863.09, 3864877.25	0.0007	0.0016	0.0009	0.0021	0.0007	0.0018	0.0016	0.0016	9.80E-04	3.09E-04	5.72E-09	1.35E-05	1.45E-05	1.08E-05	1.33E-03	4.77E-04	3.09E-04	5.72E-09	6.58E-06	7.05E-06	5.27E-06	8.05E-04
5184	488363.09, 3864877.25	0.0008	0.0016	0.0008	0.0021	0.0006	0.0017	0.0016	0.0016	1.02E-03	3.19E-04	5.39E-09	1.35E-05	1.12E-05	1.05E-05	1.38E-03	4.97E-04	3.19E-04	5.39E-09	6.58E-06	5.46E-06	5.12E-06	8.33E-04
5185	488863.09, 3864877.25	0.0008	0.0017	0.0009	0.0022	0.0005	0.0017	0.0016	0.0017	1.08E-03	3.27E-04	5.99E-09	1.40E-05	9.18E-06	1.05E-05	1.44E-03	5.24E-04	3.27E-04	5.99E-09	6.79E-06	4.47E-06	5.09E-06	8.67E-04
5186	489363.09, 3864877.25	0.0009	0.0017	0.001	0.0019	0.0006	0.0017	0.0016	0.0017	1.16E-03	3.35E-04	6.40E-09	1.21E-05	1.12E-05	1.05E-05	1.53E-03	5.63E-04	3.35E-04	6.40E-09	5.89E-06	5.46E-06	5.09E-06	9.15E-04
5187	489863.09, 3864877.25	0.001	0.0017	0.0008	0.0017	0.0006	0.0018	0.0017	0.0017	1.32E-03	3.41E-04	5.45E-09	1.12E-05	1.24E-05	1.09E-05	1.70E-03	6.43E-04	3.41E-04	5.45E-09	5.45E-06	6.06E-06	5.30E-06	1.00E-03
5188	490363.09, 3864877.25	0.0011	0.0018	0.0008	0.0019	0.0005	0.0019	0.0017	0.0018	1.54E-03	3.49E-04	5.25E-09	1.20E-05	9.18E-06	1.15E-05	1.92E-03	7.49E-04	3.49E-04	5.25E-09	5.85E-06	4.47E-06	5.60E-06	1.11E-03
5189	490863.09, 3864877.25	0.0014	0.0015	0.0008	0.0018	0.0005	0.002	0.0015	0.0015	1.92E-03	3.03E-04	5.59E-09	1.13E-05	1.06E-05	1.22E-05	2.26E-03	9.34E-04	3.03E-04	5.59E-09	5.48E-06	5.16E-06	5.93E-06	1.25E-03
5190	491363.09, 3864877.25	0.0014	0.0017	0.0008	0.0019	0.0009	0.0021	0.0017	0.0017	1.95E-03	3.41E-04	5.52E-09	1.22E-05	1.88E-05	1.29E-05	2.33E-03	9.48E-04	3.41E-04	5.52E-09	5.95E-06	9.13E-06	6.28E-06	1.31E-03
5191	491863.09, 3864877.25	0.0015	0.0015	0.0007	0.0018	0.0015	0.0019	0.0015	0.0015	1.97E-03	2.94E-04	4.65E-09	1.13E-05	3.02E-05	1.16E-05	2.32E-03	9.61E-04	2.94E-04	4.65E-09	5.48E-06	1.47E-05	5.66E-06	1.28E-03
5192	492363.09, 3864877.25	0.001	0.0009	0.0005	0.0011	0.0008	0.0011	0.001	0.0009	1.36E-03	1.79E-04	3.64E-09	7.08E-06	1.71E-05	6.98E-06	1.57E-03	6.63E-04	1.79E-04	3.64E-09	3.44E-06	8.34E-06	3.40E-06	8.57E-04
5193	492863.09, 3864877.25	0.0011	0.001	0.0006	0.0012	0.0011	0.0012	0.0011	0.001	1.44E-03	1.91E-04	3.70E-09	7.98E-06	2.28E-05	7.46E-06	1.67E-03	7.02E-04	1.91E-04	3.70E-09	3.88E-06	1.11E-05	3.63E-06	9.12E-04
5194	493363.09, 3864877.25	0.001	0.001	0.0006	0.0012	0.0011	0.0012	0.001	0.001	1.35E-03	1.89E-04	3.77E-09	7.78E-06	2.20E-05	7.10E-06	1.57E-03	6.56E-04	1.89E-04	3.77E-09	3.79E-06	1.07E-05	3.45E-06	8.63E-04
5195	493863.09, 3864877.25	0.0012	0.0013	0.0008	0.0017	0.0014	0.0016	0.0013	0.0013	1.57E-03	2.48E-04	5.39E-09	1.11E-05	2.88E-05	9.79E-06	1.86E-03	7.62E-04	2.48E-04	5.39E-09	5.42E-06	1.40E-05	4.77E-06	1.03E-03
5196	494363.09, 3864877.25	0.0012	0.0015	0.0008	0.0019	0.0011	0.0017	0.0014	0.0015	1.57E-03	2.88E-04	5.66E-09	1.19E-05	2.24E-05	1.05E-05	1.90E-03	7.62E-04	2.88E-04	5.66E-09	5.79E-06	1.09E-05	5.09E-06	1.07E-03
5197	494863.09, 3864877.25	0.0012	0.0015	0.0009	0.0018	0.0009	0.0017	0.0015	0.0015	1.57E-03	3.01E-04	5.86E-09	1.16E-05	1.90E-05	1.03E-05	1.91E-03	7.62E-04	3.01E-04	5.86E-09	5.64E-06	9.23E-06	5.03E-06	1.08E-03
5198	495363.09, 3864877.25	0.0012	0.0016	0.0009	0.0018	0.0009	0.0017	0.0016	0.0016	1.58E-03	3.09E-04	5.99E-09	1.18E-05	1.88E-05	1.05E-05	1.93E-03	7.69E-04	3.09E-04	5.99E-09	5.76E-06	9.13E-06	5.09E-06	1.10E-03
5199	495863.09, 3864877.25	0.0011	0.0017	0.0009	0.0019	0.001	0.0018	0.0017	0.0017	1.55E-03	3.29E-04	5.93E-09	1.25E-05	2.08E-05	1.08E-05	1.93E-03	7.55E-04	3.29E-04	5.93E-09	6.07E-06	1.01E-05	5.24E-06	1.11E-03
5200	496363.09, 3864877.25	0.0012	0.0016	0.0008	0.0019	0.0011	0.0018	0.0016	0.0016	1.59E-03	3.11E-04	5.45E-09	1.24E-05	2.26E-05	1.07E-05	1.95E-03	7.75E-04	3.11E-04	5.45E-09	6.01E-06	1.10E-05	5.21E-06	1.11E-03
5201	496863.09, 3864877.25	0.0012	0.0016	0.0008	0.0019	0.0011	0.0017	0.0016	0.0016	1.59E-03	3.19E-04	5.12E-09	1.19E-05	2.20E-05	1.05E-05	1.96E-03	7.75E-04	3.19E-04	5.12E-09	5.79E-06	1.07E-05	5.12E-06	1.12E-03
5202	497363.09, 3864877.25	0.0012	0.0017	0.0008	0.0018	0.001	0.0017	0.0016	0.0017	1.61E-03	3.31E-04	5.25E-09	1.16E-05	2.04E-05	1.05E-05	1.98E-03	7.82E-04	3.31E-04	5.25E-09	5.64E-06	9.93E-06	5.09E-06	1.13E-03
5203	497863.09, 3864877.25	0.0012	0.0018	0.0008	0.0018	0.001	0.0017	0.0017	0.0018	1.63E-03	3.45E-04	5.59E-09	1.15E-05	2.00E-05	1.05E-05	2.02E-03	7.95E-04	3.45E-04	5.59E-09	5.60E-06	9.73E-06	5.09E-06	1.16E-03
5204	498363.09, 3864877.25	0.0012	0.0019	0.0009	0.0018	0.001	0.0017	0.0019	0.0019	1.62E-03	3.72E-04	5.93E-09	1.16E-05	2.08E-05	1.05E-05	2.04E-03	7.89E-04	3.72E-04	5.93E-09	5.64E-06	1.01E-05	5.09E-06	1.18E-03

5205	471363.09, 3865377.25	0.001	0.0009	0.0006	0.0009	0.001	0.0011	0.0008	0.0009	1.38E-03	1.67E-04	4.24E-09	5.98E-06	2.00E-05	6.67E-06	1.58E-03	6.69E-04	1.67E-04	4.24E-09	2.91E-06	9.73E-06	3.25E-06	8.53E-04
5206	471863.09, 3865377.25	0.001	0.0009	0.0006	0.001	0.001	0.0011	0.0008	0.0009	1.39E-03	1.69E-04	4.24E-09	6.11E-06	1.98E-05	6.73E-06	1.59E-03	6.76E-04	1.69E-04	4.24E-09	2.97E-06	9.63E-06	3.28E-06	8.61E-04
5207	472363.09, 3865377.25	0.001	0.0009	0.0007	0.001	0.001	0.0011	0.0009	0.0009	1.39E-03	1.71E-04	4.38E-09	6.30E-06	2.00E-05	6.79E-06	1.59E-03	6.76E-04	1.71E-04	4.38E-09	3.07E-06	9.73E-06	3.31E-06	8.63E-04
5208	472863.09, 3865377.25	0.001	0.0009	0.0007	0.001	0.001	0.0011	0.0009	0.0009	1.40E-03	1.75E-04	4.51E-09	6.43E-06	2.08E-05	6.91E-06	1.61E-03	6.83E-04	1.75E-04	4.51E-09	3.13E-06	1.01E-05	3.37E-06	8.75E-04
5209	473363.09, 3865377.25	0.001	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.39E-03	1.77E-04	4.78E-09	6.56E-06	2.16E-05	7.04E-06	1.60E-03	6.76E-04	1.77E-04	4.78E-09	3.19E-06	1.05E-05	3.42E-06	8.70E-04
5210	473863.09, 3865377.25	0.001	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.39E-03	1.79E-04	4.92E-09	6.69E-06	2.26E-05	7.16E-06	1.60E-03	6.76E-04	1.79E-04	4.92E-09	3.26E-06	1.10E-05	3.48E-06	8.73E-04
5211	474363.09, 3865377.25	0.001	0.0009	0.0007	0.0011	0.0012	0.0012	0.0009	0.0009	1.39E-03	1.83E-04	4.98E-09	6.75E-06	2.39E-05	7.34E-06	1.61E-03	6.76E-04	1.83E-04	4.98E-09	3.29E-06	1.16E-05	3.57E-06	8.78E-04
5212	474863.09, 3865377.25	0.001	0.0009	0.0007	0.0011	0.0012	0.0012	0.0009	0.0009	1.39E-03	1.85E-04	4.98E-09	6.88E-06	2.51E-05	7.46E-06	1.61E-03	6.76E-04	1.85E-04	4.98E-09	3.35E-06	1.22E-05	3.63E-06	8.80E-04
5213	475363.09, 3865377.25	0.001	0.001	0.0007	0.0011	0.0013	0.0013	0.0009	0.001	1.39E-03	1.89E-04	4.98E-09	6.95E-06	2.59E-05	7.65E-06	1.62E-03	6.76E-04	1.89E-04	4.98E-09	3.38E-06	1.26E-05	3.72E-06	8.85E-04
5214	475863.09, 3865377.25	0.001	0.001	0.0008	0.0011	0.0013	0.0013	0.0009	0.001	1.40E-03	1.91E-04	5.05E-09	7.08E-06	2.63E-05	7.89E-06	1.63E-03	6.83E-04	1.91E-04	5.05E-09	3.44E-06	1.28E-05	3.84E-06	8.94E-04
5215	476363.09, 3865377.25	0.0011	0.001	0.0008	0.0011	0.0013	0.0013	0.001	0.001	1.46E-03	1.95E-04	5.25E-09	7.33E-06	2.67E-05	8.02E-06	1.69E-03	7.09E-04	1.95E-04	5.25E-09	3.57E-06	1.30E-05	3.90E-06	9.25E-04
5216	476863.09, 3865377.25	0.0011	0.001	0.0007	0.0012	0.0013	0.0013	0.001	0.001	1.54E-03	1.89E-04	4.98E-09	7.40E-06	2.63E-05	7.95E-06	1.77E-03	7.49E-04	1.89E-04	4.98E-09	3.60E-06	1.28E-05	3.87E-06	9.58E-04
5217	477363.09, 3865377.25	0.0011	0.001	0.0008	0.0012	0.0013	0.0014	0.001	0.001	1.48E-03	2.01E-04	5.25E-09	7.85E-06	2.65E-05	8.38E-06	1.73E-03	7.22E-04	2.01E-04	5.25E-09	3.82E-06	1.29E-05	4.08E-06	9.44E-04
5218	477863.09, 3865377.25	0.0011	0.001	0.0008	0.0013	0.0013	0.0014	0.001	0.001	1.47E-03	2.05E-04	5.52E-09	8.04E-06	2.65E-05	8.50E-06	1.72E-03	7.16E-04	2.05E-04	5.52E-09	3.91E-06	1.29E-05	4.14E-06	9.42E-04
5219	478363.09, 3865377.25	0.0011	0.0011	0.0009	0.0013	0.0013	0.0014	0.001	0.0011	1.47E-03	2.07E-04	5.93E-09	8.23E-06	2.63E-05	8.63E-06	1.72E-03	7.16E-04	2.07E-04	5.93E-09	4.01E-06	1.28E-05	4.20E-06	9.44E-04
5220	478863.09, 3865377.25	0.0011	0.0011	0.0009	0.0013	0.0012	0.0014	0.001	0.0011	1.44E-03	2.11E-04	6.06E-09	8.43E-06	2.47E-05	8.75E-06	1.70E-03	7.02E-04	2.11E-04	6.06E-09	4.10E-06	1.20E-05	4.26E-06	9.34E-04
5221	479363.09, 3865377.25	0.0011	0.0011	0.0009	0.0013	0.0011	0.0015	0.0011	0.0011	1.43E-03	2.13E-04	5.93E-09	8.62E-06	2.20E-05	8.87E-06	1.68E-03	6.96E-04	2.13E-04	5.93E-09	4.20E-06	1.07E-05	4.32E-06	9.28E-04
5222	479863.09, 3865377.25	0.001	0.0011	0.0009	0.0014	0.001	0.0015	0.0011	0.0011	1.40E-03	2.17E-04	5.86E-09	8.75E-06	1.98E-05	8.99E-06	1.66E-03	6.83E-04	2.17E-04	5.86E-09	4.26E-06	9.63E-06	4.38E-06	9.18E-04
5223	480363.09, 3865377.25	0.001	0.0011	0.0008	0.0014	0.0009	0.0015	0.0011	0.0011	1.35E-03	2.21E-04	5.45E-09	8.75E-06	1.79E-05	9.06E-06	1.60E-03	6.56E-04	2.21E-04	5.45E-09	4.26E-06	8.74E-06	4.41E-06	8.94E-04
5224	480863.09, 3865377.25	0.001	0.0011	0.0008	0.0014	0.0008	0.0015	0.0011	0.0011	1.31E-03	2.25E-04	5.05E-09	8.81E-06	1.71E-05	9.12E-06	1.57E-03	6.36E-04	2.25E-04	5.05E-09	4.29E-06	8.34E-06	4.44E-06	8.78E-04
5225	481363.09, 3865377.25	0.001	0.0012	0.0008	0.0014	0.0009	0.0015	0.0011	0.0012	1.29E-03	2.30E-04	5.25E-09	9.01E-06	1.75E-05	9.36E-06	1.56E-03	6.30E-04	2.30E-04	5.25E-09	4.38E-06	8.54E-06	4.56E-06	8.78E-04
5226	481863.09, 3865377.25	0.001	0.0012	0.0009	0.0015	0.0009	0.0016	0.0012	0.0012	1.29E-03	2.34E-04	5.79E-09	9.33E-06	1.92E-05	9.54E-06	1.57E-03	6.30E-04	2.34E-04	5.79E-09	4.54E-06	9.33E-06	4.65E-06	8.83E-04
5227	482363.09, 3865377.25	0.001	0.0012	0.001	0.0015	0.0011	0.0016	0.0012	0.0012	1.29E-03	2.36E-04	6.40E-09	9.58E-06	2.22E-05	9.67E-06	1.57E-03	6.30E-04	2.36E-04	6.40E-09	4.67E-06	1.08E-05	4.71E-06	8.86E-04
5228	482863.09, 3865377.25	0.0009	0.0012	0.001	0.0015	0.0012	0.0016	0.0012	0.0012	1.28E-03	2.40E-04	6.67E-09	9.58E-06	2.45E-05	9.73E-06	1.56E-03	6.23E-04	2.40E-04	6.67E-09	4.67E-06	1.19E-05	4.74E-06	8.85E-04
5229	483363.09, 3865377.25	0.0009	0.0012	0.001	0.0015	0.0012	0.0016	0.0012	0.0012	1.24E-03	2.44E-04	6.80E-09	9.58E-06	2.35E-05	9.73E-06	1.53E-03	6.03E-04	2.44E-04	6.80E-09	4.67E-06	1.14E-05	4.74E-06	8.68E-04
5230	483863.09, 3865377.25	0.0009	0.0013	0.001	0.0015	0.001	0.0016	0.0012	0.0013	1.18E-03	2.48E-04	6.53E-09	9.71E-06	1.94E-05	9.79E-06	1.47E-03	5.77E-04	2.48E-04	6.53E-09	4.73E-06	9.43E-06	4.77E-06	8.44E-04
5231	484363.09, 3865377.25	0.0008	0.0013	0.0008	0.0015	0.0007	0.0016	0.0013	0.0013	1.13E-03	2.50E-04	5.66E-09	9.84E-06	1.51E-05	9.91E-06	1.42E-03	5.50E-04	2.50E-04	5.66E-09	4.79E-06	7.35E-06	4.82E-06	8.17E-04
5232	484863.09, 3865377.25	0.0008	0.0013	0.0008	0.0016	0.0007	0.0016	0.0013	0.0013	1.09E-03	2.56E-04	5.39E-09	1.02E-05	1.37E-05	9.97E-06	1.38E-03	5.30E-04	2.56E-04	5.39E-09	4.95E-06	6.65E-06	4.85E-06	8.03E-04
5233	485363.09, 3865377.25	0.0008	0.0013	0.0008	0.0016	0.0007	0.0017	0.0013	0.0013	1.03E-03	2.60E-04	5.25E-09	1.05E-05	1.33E-05	1.02E-05	1.33E-03	5.04E-04	2.60E-04	5.25E-09	5.10E-06	6.45E-06	4.94E-06	7.80E-04
5234	485863.09, 3865377.25	0.0007	0.0014	0.0008	0.0017	0.0005	0.0017	0.0013	0.0014	9.94E-04	2.66E-04	5.66E-09	1.09E-05	1.10E-05	1.02E-05	1.29E-03	4.84E-04	2.66E-04	5.66E-09	5.29E-06	5.36E-06	4.94E-06	7.65E-04
5235	486363.09, 3865377.25	0.0007	0.0014	0.001	0.0018	0.0007	0.0016	0.0014	0.0014	9.39E-04	2.68E-04	6.46E-09	1.13E-05	1.45E-05	9.91E-06	1.24E-03	4.57E-04	2.68E-04	6.46E-09	5.51E-06	7.05E-06	4.82E-06	7.43E-04
5236	486863.09, 3865377.25	0.0006	0.0014	0.0009	0.0018	0.0011	0.0016	0.0014	0.0014	8.58E-04	2.72E-04	6.20E-09	1.16E-05	2.20E-05	9.91E-06	1.17E-03	4.17E-04	2.72E-04	6.20E-09	5.64E-06	1.07E-05	4.82E-06	7.11E-04
5237	487363.09, 3865377.25	0.0006	0.0014	0.0008	0.0018	0.001	0.0016	0.0014	0.0014	8.44E-04	2.76E-04	5.39E-09	1.16E-05	1.94E-05	9.67E-06	1.16E-03	4.11E-04	2.76E-04	5.39E-09	5.67E-06	9.43E-06	4.71E-06	7.06E-04
5238	487863.09, 3865377.25	0.0006	0.0014	0.0008	0.0018	0.0006	0.0016	0.0014	0.0014	8.58E-04	2.80E-04	5.12E-09	1.15E-05	1.31E-05	9.73E-06	1.17E-03	4.17E-04	2.80E-04	5.12E-09	5.60E-06	6.35E-06	4.74E-06	7.14E-04
5239	488363.09, 3865377.25	0.0007	0.0015	0.0007	0.0017	0.0005	0.0015	0.0014	0.0015	8.85E-04	2.86E-04	4.78E-09	1.10E-05	1.04E-05	9.42E-06	1.20E-03	4.31E-04	2.86E-04	4.78E-09	5.35E-06	5.06E-06	4.59E-06	7.31E-04
5240	488863.09, 3865377.25	0.0007	0.0015	0.0008	0.0019	0.0004	0.0015	0.0015	0.0015	9.26E-04	2.96E-04	5.59E-09	1.21E-05	8.16E-06	9.24E-06	1.25E-03	4.51E-04	2.96E-04	5.59E-09	5.89E-06	3.97E-06	4.50E-06	7.60E-04
5241	489363.09, 3865377.25	0.0007	0.0015	0.0009	0.0016	0.0005	0.0015	0.0015	0.0015	1.01E-03	3.03E-04	5.99E-09	1.03E-05	9.59E-06	9.30E-06	1.34E-03	4.90E-04	3.03E-04	5.99E-09	5.01E-06	4.67E-06	4.53E-06	8.08E-04
5242	489863.09, 3865377.25	0.0008	0.0016	0.0008	0.0015	0.0006	0.0016	0.0015	0.0016	1.13E-03	3.09E-04	5.19E-09	9.39E-06	1.18E-05	9.67E-06	1.47E-03	5.50E-04	3.09E-04	5.19E-09	4.57E-06	5.76E-06	4.71E-06	8.74E-04
5243	490363.09, 3865377.25	0.001	0.0014	0.0007	0.0015	0.0005	0.0016	0.0014	0.0014	1.40E-03	2.78E-04	4.44E-09	9.39E-06	9.79E-06	1.00E-05	1.71E-03	6.83E-04	2.78E-04	4.44E-09	4.57E-06	4.77E-06	4.88E-06	9.75E-04
5244	490863.09, 3865377.25	0.0012	0.0014	0.0007	0.0015	0.0004	0.0018	0.0013	0.0014	1.65E-03	2.70E-04	4.78E-09	9.52E-06	8.36E-06	1.07E-05	1.95E-03	8.02E-04	2.70E-04	4.78E-09	4.63E-06	4.07E-06	5.21E-06	1.09E-03
5245	491363.09, 3865377.25	0.0014	0.0013	0.0008	0.0014	0.0006	0.0018	0.0013	0.0013	1.84E-03	2.64E-04	5.05E-09	9.26E-06	1.31E-05	1.10E-05	2.14E-03	8.95E-04	2.64E-04	5.05E-09	4.51E-06	6.35E-06	5.36E-06	1.17E-03
5246	491863.09, 3865377.25	0.0014	0.0013	0.0006	0.0015	0.0011	0.0018	0.0013	0.0013	1.87E-03	2.64E-04	4.24E-09	9.52E-06	2.26E-05	1.09E-05	2.17E-03	9.08E-04	2.64E-04	4.24E-09	4.63E-06	1.10E-05	5.30E-06	1.19E-03
5247	492363.09, 3865377.25	0.0013	0.0011	0.0006	0.0014	0.0015	0.0015	0.0012	0.0011	1.80E-03	2.23E-04	4.11E-09	8.75E-06	3.10E-05	8.99E-06	2.07E-03	8.75E-04	2.23E-04	4.11E-09	4.26E-06	1.51E-05	4.38E-06	1.12E-03
5248	492863.09, 3865377.25	0.0011	0.001	0.0006	0.0012	0.0013	0.0012	0.001	0.001	1.52E-03	1.87E-04	4.11E-09	7.65E-06	2.73E-05	7.46E-06	1.75E-03	7.42E-04	1.87E-04	4.11E-09	3.73E-06	1.33E-05	3.63E-06	9.50E-04
5249	493363.09, 3865377.25	0.0009	0.0009	0.0005	0.0011	0.001	0.0011	0.0009	0.0009	1.24E-03	1.71E-04	3.37E-09	6.95E-06	1.98E-05	6.42E-06	1.44E-03	6.03E-04	1.71E-04	3.37E-09	3.38E-06	9.63E-06	3.13E-06	7.91E-04
5250	493863.09, 3865377.25	0.001	0.001	0.0006	0.0013	0.0013	0.0013	0.001	0.001	1.35E-03	1.93E-04	4.11E-09	8.62E-06	2.65E-05	7.83E-06	1.58E-03	6.56E-04	1.93E-04	4.11E-09	4.20E-06	1.29E-05	3.81E-06	8.70E-04
5251	494363.09, 3865377.25	0.001	0.0011	0.0007	0.0015	0.0012	0.0015	0.0011	0.0011	1.39E-03	2.23E-04	4.98E-09	9.91E-06	2.53E-05	8.87E-06	1.66E-03	6.76E-04	2.23E-04	4.98E-09	4.82E-06	1.23E-05	4.32E-06	9.20E-04
5252	494863.09, 3865377.25	0.001	0.0013	0.0008	0.0016	0.001	0.0015	0.0012	0.0013	1.39E-03	2.46E-04	5.12E-09	1.00E-05	1.96E-05	9.24E-06	1.67E-03	6.76E-04	2.46E-04	5.12E-09	4.88E-06	9.53E-06	4.50E-06	9.41E-04
5253	495363.09, 3865377.25	0.001	0.0013	0.0008	0.0015	0.0008	0.0015	0.0013	0.0013	1.40E-03	2.58E-04	5.32E-09	9.84E-06	1.69E-05	9.24E-06	1.70E-03	6.83E-04	2.58E-04	5.32E-09	4.79E-06	8.24E-06	4.50E-06	9.58E-04
5254	495863.09, 3865377.25	0.001	0.0014	0.0008	0.0016	0.0008	0.0015	0.0014	0.0014	1.40E-03	2.74E-04	5.52E-09	1.02E-05	1.69E-05	9.42E-06	1.71E-03	6.83E-04	2.74E-04	5.52E-09	4.95E-06	8.24E-06	4.59E-06	9.74E-04
5255	496363.09, 3865377.25	0.001	0.0013	0.0008	0.0016	0.0009	0.0015	0.0013	0.0013	1.42E-03	2.54E-04	5.32E-09	1.04E-05	1.92E-05	9.42E-06	1.71E-03	6.89E-04	2.54E-04	5.32E-09	5.04E-06	9.33E-06	4.59E-06	9.62E-04
5256	496863.09, 3865377.25	0.0011	0.0013	0.0007	0.0016	0.001	0.0015	0.0013	0.0013	1.44E-03	2.46E-04	4.98E-09	1.04E-05	2.08E-05	9.42E-06	1.73E-03	7.02E-04	2.46E-04	4.98E-09	5.07E-06	1.01E-05	4.59E-06	9.68E-04
5257	497363.09, 3865377.25	0.0011	0.0014	0.0007	0.0016	0.001	0.0016	0.0014	0.0014	1.44E-03	2.72E-04	4.65E-09	1.02E-05	2.02E-05	9.48E-06	1.75E-03	7.02E-04	2.72E-04	4.65E-09	4.95E-06	9.83E-06	4.62E-06	9.94E-04
5258	497863.09, 3865377.25	0.0011	0.0014	0.0007	0.0015	0.0009	0.0015	0.0014	0.0014	1.46E-03	2.80E-04	4.58E-09	9.84E-06	1.90E-05	9.42E-06	1.77E-03	7.09E-04	2.80E-04	4.58E-09	4.79E-06	9.23E-06	4.59E-06	1.01E-03
5259	498363.09, 3865377.25	0.0011	0.0014	0.0007	0.0015	0.0009	0.0015	0.0014	0.0014	1.48E-03	2.74E-04	4.71E-09	9.71E-06	1.82E-05	9.30E-06	1.79E-03	7.22E-04	2.74E-04	4.71E-09	4.73E-06	8.84E-06	4.53E-06	1.01E-03
5260	471363.09, 3865877.25	0.001	0.0008	0.0006	0.0009	0.0009	0.001	0.0008	0.0008	1.29E-03	1.62E-04	4.11E-09	5.85E-06	1.86E-05	6.30E-06	1.49E-03	6.30E-04	1.62E-04	4.11E-09	2.85E-06	9.03E-06	3.07E-06	8.06E-04
5261	471863.09, 3865877.25	0.001	0.0008	0.0006	0.0009	0.0009	0.0011	0.0008	0.0008	1.29E-03	1.65E-04	4.24E-09	5.98E-06	1.90E-05	6.42E-06	1.49E-03	6.30E-04	1.65E-04	4.24E-09	2.91E-06	9.23E-06	3.13E-06	8.10E-04
5262	472363.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.001	0.0011	0.0008	0.0009	1.31E-03	1.67E-04	4.38E-09	6.11E-06	2.00E-05	6.49E-06	1.51E-03	6.36E-04	1.67E-04	4.38E-09	2.97E-06	9.73E-06	3.16E-06	8.19E-04
5263	472863.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.001	0.0011	0.0008	0.0009	1.29E-03	1.69E-04	4.58E-09	6.18E-06	2.08E-05	6.61E-06	1.50E-03	6.30E-04	1.69E-04	4.58E-09	3.01E-06	1.01E-05	3.22E-06	8.15E-04
5264	473363.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.0011	0.0011	0.0009	0.0009	1.29E-03	1.71E-04	4.65E-09	6.24E-06	2.18E-05	6.73E-06	1.50E-03	6.30E-04	1.71E-04	4.65E-09	3.04E-06	1.06E-05	3.28E-06	8.18E-04
5265	473863.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.0011	0.0011	0.0009	0.0009	1.29E-03	1.75E-04	4.71E-09	6.30E-06	2.28E-05	6.85E-06	1.50E-03	6.30E-04	1.75E-04	4.71E-09	3.07E-06	1.11E-05	3.34E-06	8.22E-04
5266	474363.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.0012	0.0011	0.0009	0.0009	1.29E-03	1.77E-04	4.65E-09	6.37E-06	2.37E-05	6.98E-06	1.51E-03	6.30E-04	1.77E-04	4.65E-09	3.10E-06	1.15E-05	3.40E-06	8.25E-04

5267	474863.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.0012	0.0012	0.0009	0.0009	1.31E-03	1.81E-04	4.65E-09	6.50E-06	2.43E-05	7.16E-06	1.53E-03	6.36E-04	1.81E-04	4.65E-09	3.16E-06	1.18E-05	3.48E-06	8.36E-04
5268	475363.09, 3865877.25	0.001	0.0009	0.0007	0.001	0.0012	0.0012	0.0009	0.0009	1.31E-03	1.83E-04	4.65E-09	6.63E-06	2.43E-05	7.28E-06	1.53E-03	6.36E-04	1.83E-04	4.65E-09	3.22E-06	1.18E-05	3.54E-06	8.38E-04
5269	475863.09, 3865877.25	0.001	0.001	0.0007	0.0011	0.0012	0.0012	0.0009	0.001	1.32E-03	1.87E-04	4.78E-09	6.82E-06	2.39E-05	7.46E-06	1.55E-03	6.43E-04	1.87E-04	4.78E-09	3.32E-06	1.16E-05	3.63E-06	8.49E-04
5270	476363.09, 3865877.25	0.001	0.001	0.0007	0.0011	0.0012	0.0012	0.0009	0.001	1.39E-03	1.87E-04	4.71E-09	7.14E-06	2.47E-05	7.59E-06	1.62E-03	6.76E-04	1.87E-04	4.71E-09	3.48E-06	1.20E-05	3.69E-06	8.82E-04
5271	476863.09, 3865877.25	0.0011	0.0009	0.0007	0.0011	0.0012	0.0012	0.0009	0.0009	1.44E-03	1.83E-04	4.44E-09	7.20E-06	2.45E-05	7.53E-06	1.67E-03	7.02E-04	1.83E-04	4.44E-09	3.51E-06	1.19E-05	3.66E-06	9.05E-04
5272	477363.09, 3865877.25	0.001	0.001	0.0007	0.0012	0.0012	0.0013	0.001	0.001	1.39E-03	1.95E-04	4.98E-09	7.59E-06	2.53E-05	7.89E-06	1.62E-03	6.76E-04	1.95E-04	4.98E-09	3.69E-06	1.23E-05	3.84E-06	8.91E-04
5273	477863.09, 3865877.25	0.001	0.001	0.0008	0.0012	0.0012	0.0013	0.001	0.001	1.36E-03	1.97E-04	5.52E-09	7.72E-06	2.43E-05	8.08E-06	1.60E-03	6.63E-04	1.97E-04	5.52E-09	3.76E-06	1.18E-05	3.93E-06	8.79E-04
5274	478363.09, 3865877.25	0.001	0.001	0.0008	0.0012	0.0011	0.0013	0.001	0.001	1.35E-03	1.99E-04	5.66E-09	7.85E-06	2.26E-05	8.20E-06	1.59E-03	6.56E-04	1.99E-04	5.66E-09	3.82E-06	1.10E-05	3.99E-06	8.74E-04
5275	478863.09, 3865877.25	0.001	0.001	0.0008	0.0012	0.001	0.0014	0.001	0.001	1.32E-03	2.01E-04	5.52E-09	7.98E-06	2.02E-05	8.26E-06	1.56E-03	6.43E-04	2.01E-04	5.52E-09	3.88E-06	9.83E-06	4.02E-06	8.61E-04
5276	479363.09, 3865877.25	0.001	0.001	0.0008	0.0013	0.0009	0.0014	0.001	0.001	1.29E-03	2.03E-04	5.32E-09	8.04E-06	1.82E-05	8.32E-06	1.53E-03	6.30E-04	2.03E-04	5.32E-09	3.91E-06	8.84E-06	4.05E-06	8.49E-04
5277	479863.09, 3865877.25	0.0009	0.001	0.0008	0.0013	0.0008	0.0014	0.001	0.001	1.25E-03	2.05E-04	5.19E-09	8.04E-06	1.65E-05	8.38E-06	1.49E-03	6.10E-04	2.05E-04	5.19E-09	3.91E-06	8.04E-06	4.08E-06	8.31E-04
5278	480363.09, 3865877.25	0.0009	0.0011	0.0007	0.0013	0.0008	0.0014	0.001	0.0011	1.21E-03	2.09E-04	4.85E-09	8.17E-06	1.57E-05	8.38E-06	1.45E-03	5.90E-04	2.09E-04	4.85E-09	3.98E-06	7.64E-06	4.08E-06	8.14E-04
5279	480863.09, 3865877.25	0.0009	0.0011	0.0007	0.0013	0.0008	0.0014	0.0011	0.0011	1.17E-03	2.11E-04	4.71E-09	8.30E-06	1.57E-05	8.44E-06	1.41E-03	5.70E-04	2.11E-04	4.71E-09	4.04E-06	7.64E-06	4.11E-06	7.96E-04
5280	481363.09, 3865877.25	0.0009	0.0011	0.0008	0.0013	0.0008	0.0014	0.0011	0.0011	1.16E-03	2.17E-04	5.12E-09	8.49E-06	1.69E-05	8.57E-06	1.41E-03	5.63E-04	2.17E-04	5.12E-09	4.13E-06	8.24E-06	4.17E-06	7.97E-04
5281	481863.09, 3865877.25	0.0009	0.0011	0.0009	0.0013	0.001	0.0014	0.0011	0.0011	1.16E-03	2.19E-04	5.86E-09	8.62E-06	1.94E-05	8.75E-06	1.41E-03	5.63E-04	2.19E-04	5.86E-09	4.20E-06	9.43E-06	4.26E-06	8.00E-04
5282	482363.09, 3865877.25	0.0009	0.0011	0.0009	0.0014	0.0011	0.0015	0.0011	0.0011	1.16E-03	2.21E-04	6.20E-09	8.68E-06	2.20E-05	8.87E-06	1.42E-03	5.63E-04	2.21E-04	6.20E-09	4.23E-06	1.07E-05	4.32E-06	8.03E-04
5283	482863.09, 3865877.25	0.0008	0.0011	0.0009	0.0014	0.0011	0.0015	0.0011	0.0011	1.13E-03	2.25E-04	6.06E-09	8.68E-06	2.24E-05	8.93E-06	1.39E-03	5.50E-04	2.25E-04	6.06E-09	4.23E-06	1.09E-05	4.35E-06	7.94E-04
5284	483363.09, 3865877.25	0.0008	0.0012	0.0009	0.0014	0.001	0.0015	0.0011	0.0012	1.10E-03	2.29E-04	6.13E-09	8.68E-06	1.98E-05	8.99E-06	1.37E-03	5.37E-04	2.29E-04	6.13E-09	4.23E-06	9.63E-06	4.38E-06	7.84E-04
5285	483863.09, 3865877.25	0.0008	0.0012	0.0009	0.0014	0.0008	0.0015	0.0012	0.0012	1.06E-03	2.30E-04	5.79E-09	8.75E-06	1.55E-05	9.12E-06	1.33E-03	5.17E-04	2.30E-04	5.79E-09	4.26E-06	7.54E-06	4.44E-06	7.64E-04
5286	484363.09, 3865877.25	0.0008	0.0012	0.0008	0.0014	0.0006	0.0015	0.0012	0.0012	1.02E-03	2.34E-04	5.19E-09	9.01E-06	1.26E-05	9.18E-06	1.29E-03	4.97E-04	2.34E-04	5.19E-09	4.38E-06	6.15E-06	4.47E-06	7.46E-04
5287	484863.09, 3865877.25	0.0007	0.0012	0.0008	0.0015	0.0006	0.0015	0.0012	0.0012	9.67E-04	2.38E-04	5.05E-09	9.33E-06	1.26E-05	9.18E-06	1.24E-03	4.71E-04	2.38E-04	5.05E-09	4.54E-06	6.15E-06	4.47E-06	7.24E-04
5288	485363.09, 3865877.25	0.0007	0.0012	0.0008	0.0015	0.0006	0.0015	0.0012	0.0012	9.12E-04	2.40E-04	5.12E-09	9.58E-06	1.16E-05	9.24E-06	1.18E-03	4.44E-04	2.40E-04	5.12E-09	4.67E-06	5.66E-06	4.50E-06	6.99E-04
5289	485863.09, 3865877.25	0.0007	0.0012	0.0008	0.0016	0.0005	0.0015	0.0012	0.0012	8.85E-04	2.44E-04	5.39E-09	9.97E-06	9.79E-06	9.12E-06	1.16E-03	4.31E-04	2.44E-04	5.39E-09	4.85E-06	4.77E-06	4.44E-06	6.89E-04
5290	486363.09, 3865877.25	0.0006	0.0013	0.0009	0.0016	0.0007	0.0015	0.0012	0.0013	8.30E-04	2.46E-04	5.86E-09	1.02E-05	1.47E-05	8.99E-06	1.11E-03	4.04E-04	2.46E-04	5.86E-09	4.98E-06	7.15E-06	4.38E-06	6.67E-04
5291	486863.09, 3865877.25	0.0006	0.0013	0.0008	0.0016	0.001	0.0015	0.0013	0.0013	7.90E-04	2.48E-04	5.52E-09	1.02E-05	2.10E-05	8.99E-06	1.08E-03	3.84E-04	2.48E-04	5.52E-09	4.98E-06	1.02E-05	4.38E-06	6.52E-04
5292	487363.09, 3865877.25	0.0006	0.0013	0.0007	0.0016	0.0009	0.0015	0.0013	0.0013	7.76E-04	2.52E-04	4.85E-09	1.03E-05	1.77E-05	8.87E-06	1.07E-03	3.78E-04	2.52E-04	4.85E-09	5.01E-06	8.64E-06	4.32E-06	6.48E-04
5293	487863.09, 3865877.25	0.0006	0.0013	0.0007	0.0015	0.0006	0.0014	0.0013	0.0013	7.62E-04	2.58E-04	4.65E-09	9.71E-06	1.20E-05	8.75E-06	1.05E-03	3.71E-04	2.58E-04	4.65E-09	4.73E-06	5.86E-06	4.26E-06	6.44E-04
5294	488363.09, 3865877.25	0.0006	0.0013	0.0006	0.0015	0.0005	0.0014	0.0013	0.0013	7.62E-04	2.64E-04	4.24E-09	9.58E-06	9.79E-06	8.38E-06	1.05E-03	3.71E-04	2.64E-04	4.24E-09	4.67E-06	4.77E-06	4.08E-06	6.49E-04
5295	488863.09, 3865877.25	0.0006	0.0014	0.0008	0.0017	0.0004	0.0014	0.0014	0.0014	8.03E-04	2.72E-04	5.19E-09	1.07E-05	7.55E-06	8.32E-06	1.10E-03	3.91E-04	2.72E-04	5.19E-09	5.20E-06	3.67E-06	4.05E-06	6.76E-04
5296	489363.09, 3865877.25	0.0006	0.0014	0.0008	0.0014	0.0004	0.0014	0.0014	0.0014	8.71E-04	2.78E-04	5.66E-09	9.07E-06	8.36E-06	8.44E-06	1.17E-03	4.24E-04	2.78E-04	5.66E-09	4.41E-06	4.07E-06	4.11E-06	7.14E-04
5297	489863.09, 3865877.25	0.0007	0.0014	0.0007	0.0013	0.0005	0.0014	0.0014	0.0014	9.80E-04	2.80E-04	4.98E-09	8.30E-06	1.08E-05	8.69E-06	1.29E-03	4.77E-04	2.80E-04	4.98E-09	4.04E-06	5.26E-06	4.23E-06	7.70E-04
5298	490363.09, 3865877.25	0.0009	0.0014	0.0007	0.0013	0.0005	0.0015	0.0013	0.0014	1.16E-03	2.70E-04	4.38E-09	8.56E-06	9.99E-06	8.99E-06	1.45E-03	5.63E-04	2.70E-04	4.38E-09	4.16E-06	4.86E-06	4.38E-06	8.47E-04
5299	490863.09, 3865877.25	0.001	0.0013	0.0006	0.0013	0.0004	0.0016	0.0012	0.0013	1.39E-03	2.52E-04	4.11E-09	8.62E-06	7.34E-06	9.67E-06	1.67E-03	6.76E-04	2.52E-04	4.11E-09	4.20E-06	3.57E-06	4.71E-06	9.41E-04
5300	491363.09, 3865877.25	0.0012	0.0012	0.0007	0.0012	0.0004	0.0016	0.0012	0.0012	1.62E-03	2.34E-04	4.71E-09	7.98E-06	8.16E-06	9.67E-06	1.88E-03	7.89E-04	2.34E-04	4.71E-09	3.88E-06	3.97E-06	4.71E-06	1.04E-03
5301	491863.09, 3865877.25	0.0013	0.0012	0.0006	0.0013	0.0008	0.0016	0.0012	0.0012	1.73E-03	2.34E-04	4.11E-09	8.04E-06	1.53E-05	9.73E-06	2.00E-03	8.42E-04	2.34E-04	4.11E-09	3.91E-06	7.45E-06	4.74E-06	1.09E-03
5302	492363.09, 3865877.25	0.0013	0.0011	0.0006	0.0013	0.0012	0.0015	0.0011	0.0011	1.73E-03	2.21E-04	3.77E-09	8.23E-06	2.47E-05	9.18E-06	1.99E-03	8.42E-04	2.21E-04	3.77E-09	4.01E-06	1.20E-05	4.47E-06	1.08E-03
5303	492863.09, 3865877.25	0.0012	0.0009	0.0006	0.0011	0.0013	0.0012	0.001	0.0009	1.57E-03	1.81E-04	3.91E-09	7.20E-06	2.69E-05	7.28E-06	1.79E-03	7.62E-04	1.81E-04	3.91E-09	3.51E-06	1.31E-05	3.54E-06	9.63E-04
5304	493363.09, 3865877.25	0.001	0.0009	0.0006	0.0011	0.0012	0.0011	0.0009	0.0009	1.35E-03	1.73E-04	3.70E-09	7.27E-06	2.53E-05	6.79E-06	1.56E-03	6.56E-04	1.73E-04	3.70E-09	3.54E-06	1.23E-05	3.31E-06	8.49E-04
5305	493863.09, 3865877.25	0.0009	0.0009	0.0006	0.0013	0.0012	0.0012	0.001	0.0009	1.27E-03	1.81E-04	3.70E-09	8.10E-06	2.41E-05	7.40E-06	1.49E-03	6.16E-04	1.81E-04	3.70E-09	3.95E-06	1.17E-05	3.60E-06	8.17E-04
5306	494363.09, 3865877.25	0.0009	0.001	0.0006	0.0014	0.0013	0.0013	0.001	0.001	1.27E-03	1.95E-04	4.31E-09	8.88E-06	2.59E-05	7.89E-06	1.50E-03	6.16E-04	1.95E-04	4.31E-09	4.32E-06	1.26E-05	3.84E-06	8.32E-04
5307	494863.09, 3865877.25	0.0009	0.0011	0.0007	0.0015	0.0011	0.0014	0.0011	0.0011	1.24E-03	2.23E-04	4.71E-09	9.39E-06	2.20E-05	8.44E-06	1.50E-03	6.03E-04	2.23E-04	4.71E-09	4.57E-06	1.07E-05	4.11E-06	8.45E-04
5308	495363.09, 3865877.25	0.0009	0.0012	0.0007	0.0014	0.0009	0.0014	0.0011	0.0012	1.24E-03	2.30E-04	4.71E-09	9.01E-06	1.79E-05	8.57E-06	1.50E-03	6.03E-04	2.30E-04	4.71E-09	4.38E-06	8.74E-06	4.17E-06	8.51E-04
5309	495863.09, 3865877.25	0.0009	0.0012	0.0007	0.0013	0.0008	0.0014	0.0011	0.0012	1.27E-03	2.30E-04	4.92E-09	8.56E-06	1.53E-05	8.38E-06	1.53E-03	6.16E-04	2.30E-04	4.92E-09	4.16E-06	7.45E-06	4.08E-06	8.62E-04
5310	496363.09, 3865877.25	0.0009	0.0011	0.0007	0.0013	0.0007	0.0013	0.0011	0.0011	1.28E-03	2.21E-04	4.92E-09	8.43E-06	1.41E-05	8.08E-06	1.53E-03	6.23E-04	2.21E-04	4.92E-09	4.10E-06	6.85E-06	3.93E-06	8.58E-04
5311	496863.09, 3865877.25	0.001	0.0011	0.0007	0.0014	0.0008	0.0013	0.0011	0.0011	1.29E-03	2.09E-04	4.78E-09	8.75E-06	1.69E-05	8.14E-06	1.54E-03	6.30E-04	2.09E-04	4.78E-09	4.26E-06	8.24E-06	3.96E-06	8.55E-04
5312	497363.09, 3865877.25	0.001	0.0011	0.0007	0.0014	0.0009	0.0014	0.0011	0.0011	1.31E-03	2.15E-04	4.58E-09	9.13E-06	1.90E-05	8.44E-06	1.56E-03	6.36E-04	2.15E-04	4.58E-09	4.45E-06	9.23E-06	4.11E-06	8.69E-04
5313	497863.09, 3865877.25	0.001	0.0011	0.0006	0.0014	0.0009	0.0014	0.0012	0.0011	1.31E-03	2.25E-04	4.24E-09	8.88E-06	1.90E-05	8.50E-06	1.57E-03	6.36E-04	2.25E-04	4.24E-09	4.32E-06	9.23E-06	4.14E-06	8.78E-04
5314	498363.09, 3865877.25	0.001	0.0011	0.0006	0.0013	0.0009	0.0014	0.0011	0.0011	1.35E-03	2.11E-04	3.84E-09	8.17E-06	1.75E-05	8.32E-06	1.59E-03	6.56E-04	2.11E-04	3.84E-09	3.98E-06	8.54E-06	4.05E-06	8.83E-04
5315	471363.09, 3866377.25	0.0009	0.0008	0.0006	0.0009	0.0009	0.001	0.0008	0.0008	1.23E-03	1.58E-04	4.11E-09	5.66E-06	1.84E-05	6.00E-06	1.41E-03	5.96E-04	1.58E-04	4.11E-09	2.76E-06	8.93E-06	2.92E-06	7.69E-04
5316	471863.09, 3866377.25	0.0009	0.0008	0.0006	0.0009	0.0009	0.001	0.0008	0.0008	1.23E-03	1.60E-04	4.24E-09	5.79E-06	1.92E-05	6.12E-06	1.42E-03	5.96E-04	1.60E-04	4.24E-09	2.82E-06	9.33E-06	2.98E-06	7.71E-04
5317	472363.09, 3866377.25	0.0009	0.0008	0.0007	0.0009	0.001	0.001	0.0008	0.0008	1.23E-03	1.64E-04	4.38E-09	5.85E-06	2.02E-05	6.18E-06	1.42E-03	5.96E-04	1.64E-04	4.38E-09	2.85E-06	9.83E-06	3.01E-06	7.76E-04
5318	472863.09, 3866377.25	0.0009	0.0008	0.0007	0.0009	0.001	0.001	0.0008	0.0008	1.21E-03	1.65E-04	4.44E-09	5.85E-06	2.08E-05	6.30E-06	1.41E-03	5.90E-04	1.65E-04	4.44E-09	2.85E-06	1.01E-05	3.07E-06	7.71E-04
5319	473363.09, 3866377.25	0.0009	0.0009	0.0007	0.0009	0.0011	0.0011	0.0008	0.0009	1.21E-03	1.67E-04	4.38E-09	5.92E-06	2.18E-05	6.42E-06	1.41E-03	5.90E-04	1.67E-04	4.38E-09	2.88E-06	1.06E-05	3.13E-06	7.74E-04
5320	473863.09, 3866377.25	0.0009	0.0009	0.0006	0.0009	0.0011	0.0011	0.0008	0.0009	1.21E-03	1.71E-04	4.31E-09	5.98E-06	2.24E-05	6.55E-06	1.42E-03	5.90E-04	1.71E-04	4.31E-09	2.91E-06	1.09E-05	3.19E-06	7.78E-04
5321	474363.09, 3866377.25	0.0009	0.0009	0.0006	0.001	0.0011	0.0011	0.0009	0.0009	1.21E-03	1.73E-04	4.24E-09	6.11E-06	2.26E-05	6.67E-06	1.42E-03	5.90E-04	1.73E-04	4.24E-09	2.97E-06	1.10E-05	3.25E-06	7.80E-04
5322	474863.09, 3866377.25	0.0009	0.0009	0.0006	0.001	0.0011	0.0011	0.0009	0.0009	1.21E-03	1.75E-04	4.24E-09	6.24E-06	2.24E-05	6.85E-06	1.42E-03	5.90E-04	1.75E-04	4.24E-09	3.04E-06	1.09E-05	3.34E-06	7.82E-04
5323	475363.09, 3866377.25	0.0009	0.0009	0.0006	0.001	0.0011	0.0011	0.0009	0.0009	1.21E-03	1.77E-04	4.31E-09	6.43E-06	2.18E-05	6.98E-06	1.42E-03	5.90E-04	1.77E-04	4.31E-09	3.13E-06	1.06E-05	3.40E-06	7.84E-04
5324	475863.09, 3866377.25	0.0009	0.0009	0.0007	0.001	0.0011	0.0012	0.0009	0.0009	1.23E-03	1.79E-04	4.44E-09	6.63E-06	2.18E-05	7.16E-06	1.44E-03	5.96E-04	1.79E-04	4.44E-09	3.22E-06	1.06E-05	3.48E-06	7.93E-04
5325	476363.09, 3866377.25	0.0009	0.0009	0.0007	0.0011	0.0011	0.0012	0.0009	0.0009	1.28E-03	1.81E-04	4.51E-09	6.95E-06	2.33E-05	7.28E-06	1.50E-03	6.23E-04	1.81E-04	4.51E-09	3.38E-06	1.13E-05	3.54E-06	8.22E-04
5326	476863.09, 3866377.25	0.001	0.0009	0.0006	0.0011	0.0012	0.0012	0.0009	0.0009	1.35E-03	1.71E-04	4.17E-09	7.01E-06	2.37E-05	7.16E-06	1.56E-03	6.56E-04	1.71E-04	4.17E-09	3.41E-06	1.15E-05	3.48E-06	8.46E-04
5327	477363.09, 3866377.25	0.001	0.0009	0.0007	0.0011	0.0012	0.0012	0.0009	0.0009	1.32E-03	1.81E-04	4.92E-09	7.27E-06	2.37E-05	7.53E-06	1.54E-03	6.43E-04	1.81E-04	4.92E-09	3.54E-06	1.15E-05	3.66E-06	8.43E-04
5328	477863.09, 3866377.25	0.0009	0.001	0.0008	0.0012	0.001	0.0013	0.0009	0.001	1.27E-03	1.89E-04	5.39E-09	7.40E-06	2.10E-05	7.71E-06	1.49E-03	6.16E-04	1.89E-04	5.39E-09	3.60E-06	1.02E-05	3.75E-06	8.23E-04

5329	478363.09, 3866377.25	0.0009	0.001	0.0008	0.0012	0.0009	0.0013	0.0009	0.001	1.24E-03	1.89E-04	5.19E-09	7.40E-06	1.86E-05	7.71E-06	1.46E-03	6.03E-04	1.89E-04	5.19E-09	3.60E-06	9.03E-06	3.75E-06	8.09E-04
5330	478863.09, 3866377.25	0.0009	0.001	0.0007	0.0012	0.0008	0.0013	0.001	0.001	1.21E-03	1.91E-04	4.98E-09	7.40E-06	1.67E-05	7.77E-06	1.43E-03	5.90E-04	1.91E-04	4.98E-09	3.60E-06	8.14E-06	3.78E-06	7.96E-04
5331	479363.09, 3866377.25	0.0009	0.001	0.0007	0.0012	0.0008	0.0013	0.001	0.001	1.17E-03	1.93E-04	4.92E-09	7.46E-06	1.53E-05	7.77E-06	1.39E-03	5.70E-04	1.93E-04	4.92E-09	3.63E-06	7.45E-06	3.78E-06	7.78E-04
5332	479863.09, 3866377.25	0.0008	0.001	0.0007	0.0012	0.0007	0.0013	0.001	0.001	1.13E-03	1.95E-04	4.71E-09	7.59E-06	1.47E-05	7.77E-06	1.36E-03	5.50E-04	1.95E-04	4.71E-09	3.69E-06	7.15E-06	3.78E-06	7.60E-04
5333	480363.09, 3866377.25	0.0008	0.001	0.0007	0.0012	0.0007	0.0013	0.001	0.001	1.09E-03	1.97E-04	4.51E-09	7.78E-06	1.45E-05	7.71E-06	1.32E-03	5.30E-04	1.97E-04	4.51E-09	3.79E-06	7.05E-06	3.75E-06	7.42E-04
5334	480863.09, 3866377.25	0.0008	0.001	0.0007	0.0012	0.0007	0.0013	0.001	0.001	1.05E-03	2.01E-04	4.65E-09	7.85E-06	1.51E-05	7.77E-06	1.28E-03	5.10E-04	2.01E-04	4.65E-09	3.82E-06	7.35E-06	3.78E-06	7.26E-04
5335	481363.09, 3866377.25	0.0008	0.001	0.0008	0.0012	0.0008	0.0013	0.001	0.001	1.05E-03	2.05E-04	5.25E-09	7.91E-06	1.71E-05	7.95E-06	1.29E-03	5.10E-04	2.05E-04	5.25E-09	3.85E-06	8.34E-06	3.87E-06	7.31E-04
5336	481863.09, 3866377.25	0.0008	0.0011	0.0009	0.0012	0.001	0.0013	0.001	0.0011	1.05E-03	2.07E-04	5.72E-09	7.85E-06	1.96E-05	8.14E-06	1.29E-03	5.10E-04	2.07E-04	5.72E-09	3.82E-06	9.53E-06	3.96E-06	7.34E-04
5337	482363.09, 3866377.25	0.0008	0.0011	0.0009	0.0012	0.001	0.0014	0.001	0.0011	1.03E-03	2.09E-04	5.72E-09	7.85E-06	2.08E-05	8.26E-06	1.28E-03	5.04E-04	2.09E-04	5.72E-09	3.82E-06	1.01E-05	4.02E-06	7.30E-04
5338	482863.09, 3866377.25	0.0008	0.0011	0.0008	0.0012	0.001	0.0014	0.0011	0.0011	1.02E-03	2.11E-04	5.52E-09	7.85E-06	1.96E-05	8.32E-06	1.27E-03	4.97E-04	2.11E-04	5.52E-09	3.82E-06	9.53E-06	4.05E-06	7.25E-04
5339	483363.09, 3866377.25	0.0007	0.0011	0.0008	0.0012	0.0008	0.0014	0.0011	0.0011	1.01E-03	2.13E-04	5.52E-09	7.91E-06	1.63E-05	8.38E-06	1.25E-03	4.90E-04	2.13E-04	5.52E-09	3.85E-06	7.94E-06	4.08E-06	7.19E-04
5340	483863.09, 3866377.25	0.0007	0.0011	0.0008	0.0013	0.0006	0.0014	0.0011	0.0011	9.80E-04	2.17E-04	5.19E-09	8.10E-06	1.26E-05	8.50E-06	1.23E-03	4.77E-04	2.17E-04	5.19E-09	3.95E-06	6.15E-06	4.14E-06	7.08E-04
5341	484363.09, 3866377.25	0.0007	0.0011	0.0007	0.0013	0.0006	0.0014	0.0011	0.0011	9.26E-04	2.17E-04	4.85E-09	8.36E-06	1.14E-05	8.50E-06	1.17E-03	4.51E-04	2.17E-04	4.85E-09	4.07E-06	5.56E-06	4.14E-06	6.81E-04
5342	484863.09, 3866377.25	0.0006	0.0011	0.0007	0.0013	0.0006	0.0014	0.0011	0.0011	8.71E-04	2.21E-04	4.85E-09	8.62E-06	1.18E-05	8.44E-06	1.12E-03	4.24E-04	2.21E-04	4.85E-09	4.20E-06	5.76E-06	4.11E-06	6.59E-04
5343	485363.09, 3866377.25	0.0006	0.0011	0.0007	0.0014	0.0005	0.0014	0.0011	0.0011	8.03E-04	2.23E-04	4.92E-09	8.88E-06	9.99E-06	8.32E-06	1.05E-03	3.91E-04	2.23E-04	4.92E-09	4.32E-06	4.86E-06	4.05E-06	6.27E-04
5344	485863.09, 3866377.25	0.0006	0.0012	0.0008	0.0014	0.0005	0.0014	0.0011	0.0012	7.90E-04	2.27E-04	5.05E-09	9.13E-06	9.18E-06	8.26E-06	1.04E-03	3.84E-04	2.27E-04	5.05E-09	4.45E-06	4.47E-06	4.02E-06	6.24E-04
5345	486363.09, 3866377.25	0.0006	0.0012	0.0008	0.0014	0.0007	0.0014	0.0012	0.0012	7.62E-04	2.30E-04	5.39E-09	9.13E-06	1.49E-05	8.26E-06	1.03E-03	3.71E-04	2.30E-04	5.39E-09	4.45E-06	7.25E-06	4.02E-06	6.17E-04
5346	486863.09, 3866377.25	0.0005	0.0012	0.0007	0.0014	0.001	0.0014	0.0012	0.0012	7.35E-04	2.34E-04	4.92E-09	9.26E-06	2.02E-05	8.32E-06	1.01E-03	3.58E-04	2.34E-04	4.92E-09	4.51E-06	9.83E-06	4.05E-06	6.11E-04
5347	487363.09, 3866377.25	0.0005	0.0012	0.0007	0.0014	0.0008	0.0014	0.0012	0.0012	7.35E-04	2.38E-04	4.71E-09	9.20E-06	1.67E-05	8.26E-06	1.01E-03	3.58E-04	2.38E-04	4.71E-09	4.48E-06	8.14E-06	4.02E-06	6.13E-04
5348	487863.09, 3866377.25	0.0005	0.0012	0.0006	0.0013	0.0006	0.0013	0.0012	0.0012	7.22E-04	2.38E-04	4.31E-09	8.36E-06	1.14E-05	7.95E-06	9.88E-04	3.51E-04	2.38E-04	4.31E-09	4.07E-06	5.56E-06	3.87E-06	6.03E-04
5349	488363.09, 3866377.25	0.0005	0.0012	0.0006	0.0013	0.0005	0.0013	0.0012	0.0012	6.94E-04	2.42E-04	4.04E-09	8.62E-06	9.38E-06	7.65E-06	9.62E-04	3.38E-04	2.42E-04	4.04E-09	4.20E-06	4.57E-06	3.72E-06	5.93E-04
5350	488863.09, 3866377.25	0.0005	0.0012	0.0007	0.0015	0.0004	0.0012	0.0012	0.0012	7.22E-04	2.34E-04	4.85E-09	9.58E-06	7.34E-06	7.34E-06	9.80E-04	3.51E-04	2.34E-04	4.85E-09	4.67E-06	3.57E-06	3.57E-06	5.97E-04
5351	489363.09, 3866377.25	0.0006	0.0012	0.0008	0.0012	0.0004	0.0012	0.0012	0.0012	8.03E-04	2.29E-04	5.19E-09	7.98E-06	7.34E-06	7.34E-06	1.05E-03	3.91E-04	2.29E-04	5.19E-09	3.88E-06	3.57E-06	3.57E-06	6.31E-04
5352	489863.09, 3866377.25	0.0007	0.0011	0.0007	0.0011	0.0005	0.0012	0.0011	0.0011	9.12E-04	2.19E-04	4.44E-09	6.75E-06	1.02E-05	7.34E-06	1.16E-03	4.44E-04	2.19E-04	4.44E-09	3.29E-06	4.96E-06	3.57E-06	6.75E-04
5353	490363.09, 3866377.25	0.0007	0.0013	0.0006	0.0012	0.0005	0.0013	0.0012	0.0013	9.94E-04	2.46E-04	4.17E-09	7.59E-06	9.99E-06	8.02E-06	1.27E-03	4.84E-04	2.46E-04	4.17E-09	3.69E-06	4.86E-06	3.90E-06	7.42E-04
5354	490863.09, 3866377.25	0.0008	0.0013	0.0006	0.0013	0.0004	0.0014	0.0012	0.0013	1.14E-03	2.52E-04	4.04E-09	8.10E-06	7.14E-06	8.69E-06	1.42E-03	5.57E-04	2.52E-04	4.04E-09	3.95E-06	3.47E-06	4.23E-06	8.20E-04
5355	491363.09, 3866377.25	0.001	0.0012	0.0007	0.0012	0.0003	0.0015	0.0012	0.0012	1.35E-03	2.42E-04	4.38E-09	7.72E-06	6.93E-06	9.18E-06	1.61E-03	6.56E-04	2.42E-04	4.38E-09	3.76E-06	3.38E-06	4.47E-06	9.10E-04
5356	491863.09, 3866377.25	0.0012	0.001	0.0006	0.0011	0.0005	0.0014	0.001	0.001	1.57E-03	2.01E-04	3.97E-09	6.88E-06	9.99E-06	8.50E-06	1.79E-03	7.62E-04	2.01E-04	3.97E-09	3.35E-06	4.86E-06	4.14E-06	9.75E-04
5357	492363.09, 3866377.25	0.0012	0.001	0.0005	0.0011	0.0009	0.0014	0.001	0.001	1.62E-03	2.03E-04	3.57E-09	7.27E-06	1.82E-05	8.75E-06	1.86E-03	7.89E-04	2.03E-04	3.57E-09	3.54E-06	8.84E-06	4.26E-06	1.01E-03
5358	492863.09, 3866377.25	0.0012	0.0009	0.0005	0.0011	0.0012	0.0013	0.001	0.0009	1.57E-03	1.85E-04	3.64E-09	7.20E-06	2.51E-05	7.65E-06	1.79E-03	7.62E-04	1.85E-04	3.64E-09	3.51E-06	1.22E-05	3.72E-06	9.67E-04
5359	493363.09, 3866377.25	0.0011	0.0009	0.0006	0.0012	0.0014	0.0012	0.001	0.0009	1.43E-03	1.83E-04	4.24E-09	7.46E-06	2.90E-05	7.40E-06	1.66E-03	6.96E-04	1.83E-04	4.24E-09	3.63E-06	1.41E-05	3.60E-06	9.00E-04
5360	493863.09, 3866377.25	0.0009	0.0009	0.0006	0.0012	0.0013	0.0012	0.001	0.0009	1.28E-03	1.85E-04	3.97E-09	7.98E-06	2.55E-05	7.46E-06	1.51E-03	6.23E-04	1.85E-04	3.97E-09	3.88E-06	1.24E-05	3.63E-06	8.28E-04
5361	494363.09, 3866377.25	0.0009	0.001	0.0006	0.0013	0.0012	0.0012	0.001	0.001	1.16E-03	1.95E-04	3.91E-09	8.62E-06	2.45E-05	7.53E-06	1.39E-03	5.63E-04	1.95E-04	3.91E-09	4.20E-06	1.19E-05	3.66E-06	7.78E-04
5362	494863.09, 3866377.25	0.0008	0.001	0.0006	0.0013	0.0012	0.0012	0.001	0.001	1.13E-03	1.93E-04	4.17E-09	8.56E-06	2.35E-05	7.53E-06	1.36E-03	5.50E-04	1.93E-04	4.17E-09	4.16E-06	1.14E-05	3.66E-06	7.62E-04
5363	495363.09, 3866377.25	0.0008	0.001	0.0006	0.0012	0.001	0.0012	0.001	0.001	1.13E-03	1.89E-04	4.17E-09	7.98E-06	1.96E-05	7.46E-06	1.35E-03	5.50E-04	1.89E-04	4.17E-09	3.88E-06	9.53E-06	3.63E-06	7.56E-04
5364	495863.09, 3866377.25	0.0008	0.001	0.0006	0.0012	0.0007	0.0012	0.0009	0.001	1.14E-03	1.89E-04	4.17E-09	7.40E-06	1.47E-05	7.40E-06	1.36E-03	5.57E-04	1.89E-04	4.17E-09	3.60E-06	7.15E-06	3.60E-06	7.60E-04
5365	496363.09, 3866377.25	0.0009	0.001	0.0007	0.0011	0.0006	0.0012	0.0009	0.001	1.17E-03	1.91E-04	4.38E-09	7.14E-06	1.18E-05	7.16E-06	1.39E-03	5.70E-04	1.91E-04	4.38E-09	3.48E-06	5.76E-06	3.48E-06	7.74E-04
5366	496863.09, 3866377.25	0.0009	0.0009	0.0007	0.0011	0.0006	0.0011	0.0009	0.0009	1.18E-03	1.85E-04	4.38E-09	7.01E-06	1.16E-05	6.85E-06	1.40E-03	5.77E-04	1.85E-04	4.38E-09	3.41E-06	5.66E-06	3.34E-06	7.74E-04
5367	497363.09, 3866377.25	0.0009	0.0009	0.0006	0.0012	0.0007	0.0012	0.001	0.0009	1.18E-03	1.83E-04	4.31E-09	7.59E-06	1.49E-05	7.10E-06	1.40E-03	5.77E-04	1.83E-04	4.31E-09	3.69E-06	7.25E-06	3.45E-06	7.74E-04
5368	497863.09, 3866377.25	0.0009	0.0009	0.0006	0.0012	0.0009	0.0012	0.001	0.0009	1.18E-03	1.85E-04	4.24E-09	7.98E-06	1.88E-05	7.46E-06	1.40E-03	5.77E-04	1.85E-04	4.24E-09	3.88E-06	9.13E-06	3.63E-06	7.78E-04
5369	498363.09, 3866377.25	0.0009	0.0009	0.0005	0.0011	0.0009	0.0011	0.0009	0.0009	1.20E-03	1.71E-04	3.57E-09	7.08E-06	1.92E-05	6.91E-06	1.40E-03	5.83E-04	1.71E-04	3.57E-09	3.44E-06	9.33E-06	3.37E-06	7.71E-04
5370	474494.92, 3848334.16	0.0081	0.3424	0.0006	0.0009	0.0012	0.001	0.3451	0.3424	1.10E-02	6.74E-02	3.77E-09	5.79E-06	2.35E-05	6.06E-06	7.85E-02	5.35E-03	6.74E-02	3.77E-09	2.82E-06	1.14E-05	2.95E-06	7.28E-02
5371	475167.27, 3848920.79	0.0195	0.4048	0.0006	0.001	0.0013	0.0011	0.4072	0.4048	2.65E-02	7.97E-02	4.11E-09	6.30E-06	2.57E-05	6.55E-06	1.06E-01	1.29E-02	7.97E-02	4.11E-09	3.07E-06	1.25E-05	3.19E-06	9.27E-02
5372	475297.89, 3848997.96	0.0225	0.3139	0.0006	0.001	0.0013	0.0011	0.3179	0.3139	3.06E-02	6.18E-02	4.11E-09	6.37E-06	2.59E-05	6.61E-06	9.25E-02	1.49E-02	6.18E-02	4.11E-09	3.10E-06	1.26E-05	3.22E-06	7.68E-02
5373	475439.05, 3849062	0.0267	0.3649	0.0006	0.001	0.0013	0.0011	0.3695	0.3649	3.64E-02	7.19E-02	4.11E-09	6.43E-06	2.61E-05	6.67E-06	1.08E-01	1.77E-02	7.19E-02	4.11E-09	3.13E-06	1.27E-05	3.25E-06	8.96E-02
5374	475486.86, 3849061.09	0.0235	0.2694	0.0006	0.001	0.0013	0.0011	0.2724	0.2694	3.20E-02	5.31E-02	4.17E-09	6.37E-06	2.59E-05	6.61E-06	8.51E-02	1.56E-02	5.31E-02	4.17E-09	3.10E-06	1.26E-05	3.22E-06	6.86E-02
5375	475538.46, 3849075.56	0.0242	0.2734	0.0006	0.001	0.0013	0.0011	0.2763	0.2734	3.30E-02	5.39E-02	4.17E-09	6.37E-06	2.59E-05	6.67E-06	8.69E-02	1.61E-02	5.39E-02	4.17E-09	3.10E-06	1.26E-05	3.25E-06	6.99E-02
5376	475751.79, 3849137.15	0.024	0.4012	0.0006	0.001	0.0013	0.0011	0.4084	0.4012	3.27E-02	7.90E-02	4.31E-09	6.43E-06	2.57E-05	6.79E-06	1.12E-01	1.59E-02	7.90E-02	4.31E-09	3.13E-06	1.25E-05	3.31E-06	9.50E-02
5377	476303.62, 3849223.38	0.0223	0.3659	0.0007	0.001	0.0012	0.0011	0.3681	0.3659	3.04E-02	7.21E-02	4.85E-09	6.43E-06	2.49E-05	6.79E-06	1.03E-01	1.48E-02	7.21E-02	4.85E-09	3.13E-06	1.21E-05	3.31E-06	8.69E-02
5378	476304.51, 3849238.92	0.0264	0.5077	0.0007	0.001	0.0012	0.0011	0.5112	0.5077	3.59E-02	1.00E-01	4.85E-09	6.50E-06	2.51E-05	6.85E-06	1.36E-01	1.75E-02	1.00E-01	4.85E-09	3.16E-06	1.22E-05	3.34E-06	1.18E-01
5379	476365.04, 3849247.98	0.0247	0.4527	0.0007	0.001	0.0012	0.0011	0.4578	0.4527	3.37E-02	8.92E-02	4.92E-09	6.50E-06	2.49E-05	6.85E-06	1.23E-01	1.64E-02	8.92E-02	4.92E-09	3.16E-06	1.21E-05	3.34E-06	1.06E-01
5380	476444.86, 3849267.13	0.025	0.454	0.0007	0.001	0.0012	0.0011	0.4619	0.454	3.40E-02	8.94E-02	4.98E-09	6.50E-06	2.49E-05	6.79E-06	1.24E-01	1.66E-02	8.94E-02	4.98E-09	3.16E-06	1.21E-05	3.31E-06	1.06E-01
5381	476550.75, 3849300.66	0.0257	0.5398	0.0008	0.001	0.0012	0.0011	0.5559	0.5398	3.49E-02	1.06E-01	5.05E-09	6.50E-06	2.49E-05	6.85E-06	1.41E-01	1.70E-02	1.06E-01	5.05E-09	3.16E-06	1.21E-05	3.34E-06	1.23E-01
5382	476656.71, 3849346.88	0.0271	0.4667	0.0008	0.001	0.0012	0.0011	0.476	0.4667	3.69E-02	9.19E-02	5.19E-09	6.56E-06	2.51E-05	6.85E-06	1.29E-01	1.80E-02	9.19E-02	5.19E-09	3.19E-06	1.22E-05	3.34E-06	1.10E-01
5383	476873.55, 3849454.53	0.0302	0.4669	0.0008	0.001	0.0013	0.0011	0.4727	0.4669	4.11E-02	9.20E-02	5.32E-09	6.69E-06	2.55E-05	6.98E-06	1.33E-01	2.00E-02	9.20E-02	5.32E-09	3.26E-06	1.24E-05	3.40E-06	1.12E-01
5384	477700, 3849859.7	0.0405	0.4608	0.0008	0.0011	0.0013	0.0012	0.456	0.4608	5.51E-02	9.08E-02	5.59E-09	7.33E-06	2.71E-05	7.34E-06	1.46E-01	2.68E-02	9.08E-02	5.59E-09	3.57E-06	1.32E-05	3.57E-06	1.18E-01
5385	477743.16, 3849856.38	0.0366	0.3268	0.0008	0.0011	0.0013	0.0012	0.3239	0.3268	4.99E-02	6.44E-02	5.59E-09	7.33E-06	2.69E-05	7.28E-06	1.14E-01	2.43E-02	6.44E-02	5.59E-09	3.57E-06	1.31E-05	3.54E-06	8.87E-02
5386	478477.35, 3850216.33	0.0456	0.3419	0.0008	0.0013	0.0014	0.0013	0.3323	0.3419	6.21E-02	6.74E-02	5.52E-09	8.04E-06	2.88E-05	7.83E-06	1.29E-01	3.02E-02	6.74E-02	5.52E-09	3.91E-06	1.40E-05	3.81E-06	9.76E-02
5387	478485.8, 3850201.6	0.0399	0.263	0.0008	0.0013	0.0014	0.0013	0.2571	0.263	5.43E-02	5.18E-02	5.45E-09	8.04E-06	2.88E-05	7.83E-06	1.06E-01	2.64E-02	5.18E-02	5.45E-09	3.91E-06	1.40E-05	3.81E-06	7.83E-02
5388	479113.21, 3850501.53	0.0591	0.2424	0.0008	0.0014	0.0016	0.0015	0.2352	0.2424	8.04E-02	4.77E-02	5.66E-09	8.88E-06	3.16E-05	8.93E-06	1.28E-01	3.91E-02	4.77E-02	5.66E-09	4.32E-06	1.54E-05	4.35E-06	8.69E-02
5389	479108.11, 3850382.28	0.0267	0.0971	0.0008	0.0014	0.0015	0.0015	0.0963	0.0971	3.63E-02	1.91E-02	5.45E-09	8.81E-06	3.12E-05	8.93E-06	5.55E-02	1.77E-02	1.91E-02	5.45E-09	4.29E-06	1.52E-05	4.35E-06	3.68E-02
5390	479689.85, 3850674.28	0.0612	0.1011	0.0009	0.0014	0.0016	0.0016	0.0995	0.1011	8.33E-02	1.99E-02	5.72E-09	9.20E-06	3.34E-05	9.48E-06	1.03E-01	4.06E-02	1.99E-02	5.72E-09	4.48E-06	1.63E-05	4.62E-06	6.05E-02

5391	479952.42, 3850774.28	0.0424	0.0875	0.0009	0.0015	0.0017	0.0016	0.0864	0.0875	5.77E-02	1.72E-02	5.79E-09	9.33E-06	3.43E-05	9.48E-06	7.50E-02	2.81E-02	1.72E-02	5.79E-09	4.54E-06	1.67E-05	4.62E-06	4.54E-02
5392	479911.32, 3850884.85	0.0517	0.2281	0.0009	0.0015	0.0017	0.0016	0.2196	0.2281	7.04E-02	4.49E-02	5.99E-09	9.71E-06	3.45E-05	9.97E-06	1.15E-01	3.43E-02	4.49E-02	5.99E-09	4.73E-06	1.68E-05	4.85E-06	7.92E-02
5393	480500.92, 3851178.12	0.0464	0.234	0.001	0.0016	0.0018	0.0017	0.2332	0.234	6.32E-02	4.61E-02	6.60E-09	1.02E-05	3.65E-05	1.05E-05	1.09E-01	3.08E-02	4.61E-02	6.60E-09	4.98E-06	1.78E-05	5.12E-06	7.69E-02
5394	480738.01, 3851289.27	0.047	0.2194	0.001	0.0016	0.0018	0.0018	0.2216	0.2194	6.40E-02	4.32E-02	7.00E-09	1.05E-05	3.71E-05	1.09E-05	1.07E-01	3.12E-02	4.32E-02	7.00E-09	5.10E-06	1.81E-05	5.30E-06	7.44E-02
5395	481055.42, 3851443.58	0.0489	0.2121	0.0012	0.0017	0.0019	0.0019	0.2177	0.2121	6.65E-02	4.18E-02	7.88E-09	1.10E-05	3.79E-05	1.17E-05	1.08E-01	3.24E-02	4.18E-02	7.88E-09	5.35E-06	1.85E-05	5.72E-06	7.42E-02
5396	481110.22, 3851443.15	0.0389	0.1604	0.0012	0.0017	0.0019	0.0019	0.1641	0.1604	5.29E-02	3.16E-02	8.01E-09	1.10E-05	3.77E-05	1.18E-05	8.46E-02	2.58E-02	3.16E-02	8.01E-09	5.35E-06	1.84E-05	5.75E-06	5.74E-02
5397	481111.1, 3851417.45	0.0303	0.1304	0.0012	0.0017	0.0018	0.0019	0.133	0.1304	4.13E-02	2.57E-02	7.95E-09	1.09E-05	3.75E-05	1.17E-05	6.70E-02	2.01E-02	2.57E-02	7.95E-09	5.32E-06	1.83E-05	5.69E-06	4.58E-02
5398	482248.44, 3852605.09	0.0348	0.2464	0.0019	0.0027	0.0024	0.0034	0.2467	0.2464	4.74E-02	4.85E-02	1.31E-08	1.76E-05	4.92E-05	2.09E-05	9.60E-02	2.30E-02	4.85E-02	1.31E-08	8.55E-06	2.39E-05	1.02E-05	7.16E-02
5399	482273.34, 3852632.31	0.035	0.2516	0.002	0.0028	0.0024	0.0035	0.2516	0.2516	4.76E-02	4.96E-02	1.33E-08	1.78E-05	4.96E-05	2.13E-05	9.73E-02	2.32E-02	4.96E-02	1.33E-08	8.67E-06	2.41E-05	1.04E-05	7.28E-02
5400	482665.46, 3853038.72	0.043	0.1991	0.0031	0.0038	0.0027	0.005	0.2035	0.1991	5.85E-02	3.92E-02	2.09E-08	2.46E-05	5.53E-05	3.04E-05	9.79E-02	2.85E-02	3.92E-02	2.09E-08	1.20E-05	2.69E-05	1.48E-05	6.78E-02
5401	483077.95, 3853844.31	0.074	0.0622	0.0065	0.0322	0.0035	0.1574	0.1271	0.0622	1.01E-01	1.22E-02	4.35E-08	2.07E-04	7.12E-05	9.63E-04	1.14E-01	4.90E-02	1.22E-02	4.35E-08	1.01E-04	3.46E-05	4.69E-04	6.19E-02
5402	483121.38, 3853909.38	0.0855	0.0545	0.0069	0.0972	0.0036	0.5314	0.1175	0.0545	1.16E-01	1.07E-02	4.62E-08	6.25E-04	7.32E-05	3.25E-03	1.31E-01	5.66E-02	1.07E-02	4.62E-08	3.04E-04	3.56E-05	1.58E-03	6.93E-02
5403	483492.64, 3853911.49	0.0585	0.0251	0.0054	0.0676	0.0037	0.0682	0.0403	0.0251	7.97E-02	4.94E-03	3.65E-08	4.35E-04	7.49E-05	4.17E-04	8.56E-02	3.88E-02	4.94E-03	3.65E-08	2.12E-04	3.64E-05	2.03E-04	4.42E-02
5404	483498.29, 3854204.73	0.0899	0.0262	0.009	0.943	0.0041	0.3869	0.1313	0.0262	1.22E-01	5.16E-03	6.09E-08	6.07E-03	8.36E-05	2.37E-03	1.36E-01	5.95E-02	5.16E-03	6.09E-08	2.95E-03	4.07E-05	1.15E-03	6.89E-02
5405	484132.44, 3854662.55	0.1096	0.0143	0.0537	0.972	0.0049	0.2805	0.2433	0.0143	1.49E-01	2.82E-03	3.62E-07	6.25E-03	1.01E-04	1.72E-03	1.60E-01	7.27E-02	2.82E-03	3.62E-07	3.04E-03	4.90E-05	8.35E-04	7.94E-02
5406	484627.62, 3854876.13	0.1092	0.013	0.0424	1.2702	0.0058	0.2162	0.2147	0.013	1.49E-01	2.56E-03	2.85E-07	8.17E-03	1.18E-04	1.32E-03	1.61E-01	7.23E-02	2.56E-03	2.85E-07	3.98E-03	5.74E-05	6.44E-04	7.96E-02
5407	484756.14, 3854949.04	0.1081	0.0131	0.0358	1.0198	0.0062	0.2409	0.2147	0.0131	1.47E-01	2.57E-03	2.41E-07	6.56E-03	1.25E-04	1.47E-03	1.58E-01	7.16E-02	2.57E-03	2.41E-07	3.19E-03	6.11E-05	7.17E-04	7.81E-02
5408	486697.51, 3856599.17	0.1016	0.0155	0.0149	0.586	0.0746	0.1753	0.0769	0.0155	1.38E-01	3.05E-03	1.00E-07	3.77E-03	1.52E-03	1.07E-03	1.48E-01	6.73E-02	3.05E-03	1.00E-07	1.83E-03	7.41E-04	5.22E-04	7.35E-02
5409	487105.31, 3856962.27	0.0989	0.0174	0.0119	0.9257	0.7876	0.1866	0.0711	0.0174	1.35E-01	3.42E-03	8.04E-08	5.95E-03	1.61E-02	1.14E-03	1.61E-01	6.55E-02	3.42E-03	8.04E-08	2.90E-03	7.82E-03	5.56E-04	8.02E-02
5410	487157.57, 3856901.7	0.0789	0.0162	0.0117	0.2652	1.0803	0.1042	0.0533	0.0162	1.07E-01	3.20E-03	7.87E-08	1.71E-03	2.20E-02	6.37E-04	1.35E-01	5.23E-02	3.20E-03	7.87E-08	8.30E-04	1.07E-02	3.10E-04	6.73E-02
5411	487173.5, 3856853.74	0.0723	0.0156	0.0118	0.1833	0.8674	0.0837	0.0468	0.0156	9.85E-02	3.08E-03	7.92E-08	1.18E-03	1.77E-02	5.12E-04	1.21E-01	4.79E-02	3.08E-03	7.92E-08	5.74E-04	8.61E-03	2.49E-04	6.04E-02
5412	487564.41, 3856860.83	0.0518	0.0138	0.0109	0.0692	1.65	0.0447	0.0281	0.0138	7.05E-02	2.72E-03	7.31E-08	4.45E-04	3.37E-02	2.74E-04	1.08E-01	3.43E-02	2.72E-03	7.31E-08	2.17E-04	1.64E-02	1.33E-04	5.38E-02
5413	487563.31, 3856931.58	0.0543	0.0144	0.0105	0.0789	2.5804	0.0495	0.0304	0.0144	7.39E-02	2.84E-03	7.07E-08	5.08E-04	5.26E-02	3.03E-04	1.30E-01	3.60E-02	2.84E-03	7.07E-08	2.47E-04	2.56E-02	1.47E-04	6.48E-02
5414	487782.7, 3856926.85	0.0469	0.0135	0.0102	0.0568	2.2592	0.0396	0.0245	0.0135	6.38E-02	2.66E-03	6.87E-08	3.65E-04	4.61E-02	2.42E-04	1.13E-01	3.11E-02	2.66E-03	6.87E-08	1.78E-04	2.24E-02	1.18E-04	5.64E-02
5415	487782.39, 3856757.07	0.0432	0.0123	0.0111	0.0464	0.8664	0.0334	0.0213	0.0123	5.88E-02	2.43E-03	7.45E-08	2.99E-04	1.77E-02	2.05E-04	7.94E-02	2.86E-02	2.43E-03	7.45E-08	1.45E-04	8.60E-03	9.96E-05	3.99E-02
5416	487917.26, 3856752.41	0.0403	0.012	0.0109	0.0411	0.9567	0.0306	0.0195	0.012	5.49E-02	2.36E-03	7.34E-08	2.65E-04	1.95E-02	1.87E-04	7.72E-02	2.67E-02	2.36E-03	7.34E-08	1.29E-04	9.50E-03	9.13E-05	3.88E-02
5417	487919.57, 3856953.35	0.044	0.0133	0.0103	0.0504	2.1498	0.0366	0.0224	0.0133	5.98E-02	2.61E-03	6.91E-08	3.24E-04	4.38E-02	2.24E-04	1.07E-01	2.91E-02	2.61E-03	6.91E-08	1.58E-04	2.13E-02	1.09E-04	5.33E-02
5418	487932.76, 3857000.32	0.0447	0.0135	0.0102	0.0526	2.3437	0.038	0.0231	0.0135	6.09E-02	2.66E-03	6.86E-08	3.38E-04	4.78E-02	2.33E-04	1.12E-01	2.96E-02	2.66E-03	6.86E-08	1.65E-04	2.33E-02	1.13E-04	5.58E-02
5419	487960.5, 3857044.75	0.0451	0.0137	0.0102	0.0539	2.4436	0.039	0.0234	0.0137	6.14E-02	2.70E-03	6.88E-08	3.46E-04	4.98E-02	2.39E-04	1.15E-01	2.99E-02	2.70E-03	6.88E-08	1.69E-04	2.43E-02	1.16E-04	5.71E-02
5420	488016.54, 3857089.54	0.0448	0.0139	0.0105	0.0536	2.4122	0.0392	0.0232	0.0139	6.10E-02	2.73E-03	7.09E-08	3.45E-04	4.92E-02	2.40E-04	1.14E-01	2.97E-02	2.73E-03	7.09E-08	1.68E-04	2.39E-02	1.17E-04	5.66E-02
5421	488114.39, 3857165.47	0.0442	0.0141	0.0125	0.053	2.2886	0.0397	0.0229	0.0141	6.02E-02	2.78E-03	8.42E-08	3.41E-04	4.67E-02	2.43E-04	1.10E-01	2.93E-02	2.78E-03	8.42E-08	1.66E-04	2.27E-02	1.18E-04	5.51E-02
5422	488171.49, 3857234.24	0.0444	0.0146	0.0135	0.0543	2.1838	0.0414	0.0232	0.0146	6.05E-02	2.87E-03	9.12E-08	3.49E-04	4.45E-02	2.53E-04	1.09E-01	2.94E-02	2.87E-03	9.12E-08	1.70E-04	2.17E-02	1.23E-04	5.43E-02
5423	488193.16, 3857297.8	0.0455	0.0152	0.0145	0.0575	2.1044	0.0441	0.024	0.0152	6.19E-02	2.99E-03	9.78E-08	3.70E-04	4.29E-02	2.70E-04	1.08E-01	3.01E-02	2.99E-03	9.78E-08	1.80E-04	2.09E-02	1.31E-04	5.43E-02
5424	488189.27, 3857649.94	0.0602	0.0204	0.039	0.1126	1.2877	0.0821	0.0355	0.0204	8.20E-02	4.02E-03	2.63E-07	7.24E-04	2.63E-02	5.02E-04	1.13E-01	3.99E-02	4.02E-03	2.63E-07	3.52E-04	1.28E-02	2.45E-04	5.73E-02
5425	488127.43, 3857732.32	0.0721	0.0227	0.0555	0.1886	0.8807	0.123	0.0444	0.0227	9.82E-02	4.48E-03	3.73E-07	1.21E-03	1.80E-02	7.53E-04	1.23E-01	4.78E-02	4.48E-03	3.73E-07	5.91E-04	8.74E-03	3.66E-04	6.20E-02
5426	488149.93, 3857752.94	0.0723	0.0229	0.0602	0.1891	0.5901	0.1278	0.0443	0.0229	9.84E-02	4.52E-03	4.05E-07	1.22E-03	1.20E-02	7.82E-04	1.17E-01	4.79E-02	4.52E-03	4.05E-07	5.92E-04	5.86E-03	3.81E-04	5.93E-02
5427	488144.76, 3857758.71	0.0736	0.0231	0.0617	0.1995	0.5588	0.1332	0.0451	0.0231	1.00E-01	4.55E-03	4.16E-07	1.28E-03	1.14E-02	8.15E-04	1.18E-01	4.87E-02	4.55E-03	4.16E-07	6.25E-04	5.55E-03	3.97E-04	5.99E-02
5428	488335.58, 3857932.55	0.0746	0.026	0.0827	0.2003	0.0855	0.1554	0.0447	0.026	1.02E-01	5.11E-03	5.57E-07	1.29E-03	1.74E-03	9.51E-04	1.11E-01	4.94E-02	5.11E-03	5.57E-07	6.27E-04	8.49E-04	4.63E-04	5.65E-02
5429	488372.29, 3857943.79	0.0721	0.0258	0.0796	0.1799	0.0824	0.143	0.043	0.0258	9.82E-02	5.08E-03	5.36E-07	1.16E-03	1.68E-03	8.75E-04	1.07E-01	4.78E-02	5.08E-03	5.36E-07	5.63E-04	8.18E-04	4.26E-04	5.47E-02
5430	488828.64, 3857936.4	0.0505	0.0202	0.0478	0.0694	0.0834	0.0665	0.0252	0.0202	6.88E-02	3.99E-03	3.22E-07	4.47E-04	1.70E-03	4.07E-04	7.53E-02	3.35E-02	3.99E-03	3.22E-07	2.17E-04	8.28E-04	1.98E-04	3.87E-02
5431	488829.08, 3857959.58	0.052	0.0207	0.0477	0.0719	0.0766	0.068	0.0258	0.0207	7.08E-02	4.07E-03	3.21E-07	4.62E-04	1.56E-03	4.16E-04	7.73E-02	3.45E-02	4.07E-03	3.21E-07	2.25E-04	7.60E-04	2.03E-04	3.97E-02
5432	488351.61, 3857964.55	0.0772	0.0268	0.0831	0.2199	0.0739	0.1625	0.0462	0.0268	1.05E-01	5.28E-03	5.59E-07	1.41E-03	1.51E-03	9.95E-04	1.14E-01	5.12E-02	5.28E-03	5.59E-07	6.89E-04	7.34E-04	4.84E-04	5.84E-02
5433	488316.87, 3857947.65	0.0792	0.0268	0.0862	0.2404	0.0783	0.1745	0.0476	0.0268	1.08E-01	5.27E-03	5.80E-07	1.55E-03	1.60E-03	1.07E-03	1.17E-01	5.25E-02	5.27E-03	5.80E-07	7.53E-04	7.77E-04	5.20E-04	5.98E-02
5434	488129.1, 3857775.77	0.0778	0.0237	0.0667	0.2388	0.458	0.153	0.0479	0.0237	1.06E-01	4.67E-03	4.49E-07	1.54E-03	9.34E-03	9.36E-04	1.22E-01	5.16E-02	4.67E-03	4.49E-07	7.48E-04	4.55E-03	4.56E-04	6.20E-02
5435	488062.53, 3857846.13	0.1106	0.0269	0.0931	1.0351	0.1102	0.4365	0.0652	0.0269	1.51E-01	5.31E-03	6.27E-07	6.66E-03	2.25E-03	2.67E-03	1.67E-01	7.33E-02	5.31E-03	6.27E-07	3.24E-03	1.09E-03	1.30E-03	8.42E-02
5436	488330.41, 3858091.34	0.1149	0.0325	0.0779	1.0114	0.0466	0.3868	0.0632	0.0325	1.56E-01	6.40E-03	5.24E-07	6.51E-03	9.49E-04	2.37E-03	1.73E-01	7.62E-02	6.40E-03	5.24E-07	3.17E-03	4.62E-04	1.15E-03	8.73E-02
5437	488470.87, 3858174.45	0.1076	0.0336	0.0549	0.4948	0.04	0.252	0.0567	0.0336	1.47E-01	6.61E-03	3.70E-07	3.18E-03	8.16E-04	1.54E-03	1.59E-01	7.13E-02	6.61E-03	3.70E-07	1.55E-03	3.97E-04	7.50E-04	8.06E-02
5438	488568.9, 3858262.31	0.1201	0.0367	0.0423	0.4967	0.0333	0.2523	0.0579	0.0367	1.63E-01	7.22E-03	2.85E-07	3.20E-03	6.79E-04	1.54E-03	1.76E-01	7.96E-02	7.22E-03	2.85E-07	1.56E-03	3.31E-04	7.51E-04	8.94E-02
5439	488964.27, 3858025.71	0.0682	0.0206	0.0408	0.0704	0.0605	0.0636	0.0245	0.0206	9.28E-02	4.06E-03	2.75E-07	4.53E-04	1.23E-03	3.89E-04	9.89E-02	4.52E-02	4.06E-03	2.75E-07	2.20E-04	6.01E-04	1.89E-04	5.02E-02
5440	489147.25, 3857956.64	0.0633	0.0178	0.0362	0.0574	0.0741	0.0517	0.0203	0.0178	8.62E-02	3.51E-03	2.44E-07	3.69E-04	1.51E-03	3.16E-04	9.19E-02	4.19E-02	3.51E-03	2.44E-07	1.80E-04	7.35E-04	1.54E-04	4.65E-02
5441	489343.52, 3857932.45	0.0673	0.0161	0.0321	0.0511	0.0764	0.0445	0.0177	0.0161	9.17E-02	3.18E-03	2.16E-07	3.29E-04	1.56E-03	2.72E-04	9.70E-02	4.46E-02	3.18E-03	2.16E-07	1.60E-04	7.58E-04	1.33E-04	4.89E-02
5442	489866.19, 3857923.19	0.0647	0.0134	0.0224	0.0484	0.0684	0.034	0.0139	0.0134	8.80E-02	2.64E-03	1.51E-07	3.12E-04	1.40E-03	2.08E-04	9.26E-02	4.29E-02	2.64E-03	1.51E-07	1.52E-04	6.79E-04	1.01E-04	4.64E-02
5443	489955.65, 3857902.27	0.0592	0.0129	0.0213	0.0468	0.0694	0.0324	0.0133	0.0129	8.07E-02	2.54E-03	1.44E-07	3.01E-04	1.42E-03	1.98E-04	8.51E-02	3.93E-02	2.54E-03	1.44E-07	1.47E-04	6.89E-04	9.63E-05	4.27E-02
5444	490079.44, 3857847.9	0.0432	0.0122	0.0204	0.0432	0.0723	0.0304	0.0125	0.0122	5.87E-02	2.41E-03	1.38E-07	2.78E-04	1.47E-03	1.86E-04	6.31E-02	2.86E-02	2.41E-03	1.38E-07	1.35E-04	7.17E-04	9.05E-05	3.19E-02
5445	490108.49, 3857934.13	0.0507	0.0126	0.0198	0.0511	0.0625	0.0311	0.0128	0.0126	6.91E-02	2.49E-03	1.33E-07	3.29E-04	1.27E-03	1.90E-04	7.33E-02	3.36E-02	2.49E-03	1.33E-07	1.60E-04	6.21E-04	9.26E-05	3.70E-02
5446	489884.48, 3858014.17	0.0468	0.0141	0.0215	0.0601	0.0569	0.0352	0.0144	0.0141	6.37E-02	2.77E-03	1.45E-07	3.86E-04	1.16E-03	2.15E-04	6.83E-02	3.10E-02	2.77E-03	1.45E-07	1.88E-04	5.65E-04	1.05E-04	3.47E-02
5447	489326.56, 3858025.86	0.0623	0.0174	0.0313	0.0594	0.0596	0.0478	0.019	0.0174	8.49E-02	3.43E-03	2.10E-07	3.82E-04	1.22E-03	2.92E-04	9.02E-02	4.13E-02	3.43E-03	2.10E-07	1.86E-04	5.91E-04	1.42E-04	4.57E-02
5448	489130.38, 3858056.71	0.0707	0.0194	0.0345	0.0668	0.0554	0.0562	0.022	0.0194	9.62E-02	3.83E-03	2.32E-07	4.30E-04	1.13E-03	3.44E-04	1.02E-01	4.68E-02	3.83E-03	2.32E-07	2.09E-04	5.50E-04	1.67E-04	5.16E-02
5449	488936.49, 3858143.93	0.0792	0.0236	0.0368	0.0874	0.0429	0.0732	0.0282	0.0236	1.08E-01	4.65E-03	2.48E-07	5.62E-04	8.75E-04	4.48E-04	1.14E-01	5.25E-02	4.65E-03	2.48E-07	2.74E-04	4.26E-04	2.18E-04	5.80E-02
5450	488638.08, 3858327.45	0.1117	0.0386	0.0354	0.5104	0.0297	0.2556	0.058	0.0386	1.52E-01	7.60E-03	2.38E-07	3.28E-03	6.07E-04	1.56E-03	1.65E-01	7.40E-02	7.60E-03	2.38E-07	1.60E-03	2.95E-04	7.61E-04	8.43E-02
5451	488663.79, 3858349.57	0.108	0.0392	0.0333	0.502	0.0287	0.2527	0.0577	0.0392	1.47E-01	7.71E-03	2.24E-07	3.23E-03	5.85E-04	1.55E-03	1.60E-01	7.16E-02	7.71E-03	2.24E-07	1.57E-03	2.85E-04	7.52E-04	8.19E-02
5452	488694.56, 3858349.5	0.1001	0.0379	0.0326	0.3737	0.0286	0.2079	0.054	0.0379	1.36E-01	7.47E-03	2.19E-07	2.40E-03	5.84E-04	1.27E-03	1.48E-01	6.63E-02	7.47E-03	2.19E-07	1.17E-03	2.84E-04	6.19E-04	7.59E-02

5453	488694.35, 3858336.75	0.0982	0.0371	0.0334	0.335	0.0292	0.1933	0.0525	0.0371	1.34E-01	7.30E-03	2.25E-07	2.15E-03	5.96E-04	1.18E-03	1.45E-01	6.50E-02	7.30E-03	2.25E-07	1.05E-03	2.90E-04	5.76E-04	7.43E-02
5454	488712.81, 3858336.38	0.0933	0.0364	0.0329	0.2936	0.0292	0.1763	0.0506	0.0364	1.27E-01	7.16E-03	2.22E-07	1.89E-03	5.95E-04	1.08E-03	1.38E-01	6.18E-02	7.16E-03	2.22E-07	9.19E-04	2.90E-04	5.25E-04	7.07E-02
5455	488713.23, 3858367.46	0.0969	0.0385	0.0312	0.3775	0.0278	0.2088	0.0541	0.0385	1.32E-01	7.58E-03	2.10E-07	2.43E-03	5.67E-04	1.28E-03	1.44E-01	6.42E-02	7.58E-03	2.10E-07	1.18E-03	2.76E-04	6.22E-04	7.39E-02
5456	488704.63, 3858384.05	0.0996	0.0401	0.0304	0.4869	0.0271	0.2472	0.0573	0.0401	1.36E-01	7.90E-03	2.05E-07	3.13E-03	5.53E-04	1.51E-03	1.49E-01	6.60E-02	7.90E-03	2.05E-07	1.52E-03	2.69E-04	7.36E-04	7.65E-02
5457	488604.15, 3858488.29	0.1126	0.0591	0.0254	0.1326	0.0231	0.1184	0.1107	0.0591	1.53E-01	1.16E-02	1.71E-07	8.53E-04	4.70E-04	7.24E-04	1.67E-01	7.46E-02	1.16E-02	1.71E-07	4.15E-04	2.29E-04	3.52E-04	8.73E-02
5458	488605.66, 3858550.47	0.1217	0.0728	0.0224	0.092	0.021	0.0927	0.1554	0.0728	1.66E-01	1.43E-02	1.51E-07	5.92E-04	4.28E-04	5.67E-04	1.82E-01	8.06E-02	1.43E-02	1.51E-07	2.88E-04	2.08E-04	2.76E-04	9.58E-02
5459	488692.68, 3858548.71	0.1109	0.0615	0.0223	0.1612	0.0216	0.1306	0.1004	0.0615	1.51E-01	1.21E-02	1.50E-07	1.04E-03	4.41E-04	7.99E-04	1.65E-01	7.35E-02	1.21E-02	1.50E-07	5.05E-04	2.15E-04	3.89E-04	8.67E-02
5460	488759.93, 3858461.81	0.0831	0.0443	0.0256	0.7013	0.0242	0.3102	0.0612	0.0443	1.13E-01	8.72E-03	1.72E-07	4.51E-03	4.93E-04	1.90E-03	1.29E-01	5.51E-02	8.72E-03	1.72E-07	2.20E-03	2.40E-04	9.24E-04	6.72E-02
5461	488816.57, 3858541.79	0.1014	0.0497	0.0221	0.9311	0.0217	0.417	0.0661	0.0497	1.38E-01	9.79E-03	1.48E-07	5.99E-03	4.42E-04	2.55E-03	1.57E-01	6.72E-02	9.79E-03	1.48E-07	2.92E-03	2.15E-04	1.24E-03	8.14E-02
5462	488944.63, 3858656.77	0.0792	0.056	0.0192	0.8755	0.0185	0.4103	0.0671	0.056	1.08E-01	1.10E-02	1.29E-07	5.63E-03	3.78E-04	2.51E-03	1.27E-01	5.25E-02	1.10E-02	1.29E-07	2.74E-03	1.84E-04	1.22E-03	6.77E-02
5463	489134.91, 3858830.7	0.0633	0.0698	0.0192	1.1977	0.0149	0.4075	0.0782	0.0698	8.62E-02	1.37E-02	1.29E-07	7.70E-03	3.04E-04	2.49E-03	1.10E-01	4.20E-02	1.37E-02	1.29E-07	3.75E-03	1.48E-04	1.21E-03	6.08E-02
5464	489193.99, 3858886.05	0.063	0.076	0.0205	1.3031	0.014	0.4162	0.0834	0.076	8.58E-02	1.50E-02	1.38E-07	8.38E-03	2.85E-04	2.55E-03	1.12E-01	4.17E-02	1.50E-02	1.38E-07	4.08E-03	1.39E-04	1.24E-03	6.22E-02
5465	489295.2, 3858954.34	0.0641	0.0802	0.0239	1.1486	0.0128	0.4027	0.0838	0.0802	8.72E-02	1.58E-02	1.61E-07	7.39E-03	2.60E-04	2.46E-03	1.13E-01	4.25E-02	1.58E-02	1.61E-07	3.60E-03	1.27E-04	1.20E-03	6.32E-02
5466	489295.64, 3858992.74	0.0708	0.0954	0.0261	0.7215	0.0124	0.3044	0.0999	0.0954	9.64E-02	1.88E-02	1.76E-07	4.64E-03	2.54E-04	1.86E-03	1.22E-01	4.69E-02	1.88E-02	1.76E-07	2.26E-03	1.23E-04	9.06E-04	6.90E-02
5467	489183.74, 3858911.72	0.066	0.0867	0.0211	0.8759	0.0138	0.2949	0.0965	0.0867	8.99E-02	1.71E-02	1.42E-07	5.63E-03	2.81E-04	1.80E-03	1.15E-01	4.38E-02	1.71E-02	1.42E-07	2.74E-03	1.37E-04	8.78E-04	6.46E-02
5468	488873.37, 3858625.59	0.1003	0.0573	0.0198	0.5956	0.0195	0.3052	0.073	0.0573	1.37E-01	1.13E-02	1.33E-07	3.83E-03	3.98E-04	1.87E-03	1.54E-01	6.65E-02	1.13E-02	1.33E-07	1.86E-03	1.94E-04	9.09E-04	8.07E-02
5469	488842.84, 3858658.69	0.1036	0.0672	0.0191	0.2247	0.019	0.1588	0.0905	0.0672	1.41E-01	1.32E-02	1.29E-07	1.45E-03	3.88E-04	9.72E-04	1.57E-01	6.87E-02	1.32E-02	1.29E-07	7.03E-04	1.89E-04	4.73E-04	8.33E-02
5470	488856.39, 3858670.93	0.0991	0.0683	0.0189	0.2269	0.0188	0.1591	0.0907	0.0683	1.35E-01	1.34E-02	1.27E-07	1.46E-03	3.83E-04	9.74E-04	1.51E-01	6.57E-02	1.34E-02	1.27E-07	7.10E-04	1.86E-04	4.74E-04	8.05E-02
5471	488805.7, 3858724.5	0.1074	0.0959	0.0177	0.1047	0.0179	0.0907	0.15	0.0959	1.46E-01	1.89E-02	1.19E-07	6.74E-04	3.64E-04	5.55E-04	1.67E-01	7.12E-02	1.89E-02	1.19E-07	3.28E-04	1.77E-04	2.70E-04	9.09E-02
5472	488805.87, 3858804.16	0.1114	0.1589	0.0166	0.077	0.0164	0.077	0.3375	0.1589	1.52E-01	3.13E-02	1.12E-07	4.95E-04	3.34E-04	4.71E-04	1.84E-01	7.38E-02	3.13E-02	1.12E-07	2.41E-04	1.63E-04	2.29E-04	1.06E-01
5473	488995.78, 3858936.96	0.1044	0.2052	0.019	0.1023	0.0146	0.0797	0.3333	0.2052	1.42E-01	4.04E-02	1.28E-07	6.58E-04	2.97E-04	4.88E-04	1.84E-01	6.92E-02	4.04E-02	1.28E-07	3.20E-04	1.45E-04	2.37E-04	1.10E-01
5474	489130.76, 3859017.38	0.0921	0.2188	0.0236	0.163	0.0133	0.0838	0.2784	0.2188	1.25E-01	4.31E-02	1.59E-07	1.05E-03	2.71E-04	5.12E-04	1.70E-01	6.11E-02	4.31E-02	1.59E-07	5.10E-04	1.32E-04	2.49E-04	1.05E-01
5475	489130.92, 3859052.24	0.0915	0.3372	0.025	0.1475	0.0131	0.075	0.4383	0.3372	1.25E-01	6.64E-02	1.68E-07	9.48E-04	2.66E-04	4.59E-04	1.93E-01	6.06E-02	6.64E-02	1.68E-07	4.62E-04	1.30E-04	2.23E-04	1.28E-01
5476	489200.33, 3859090.6	0.0873	0.3366	0.0295	0.3272	0.0124	0.0756	0.3978	0.3366	1.19E-01	6.63E-02	1.98E-07	2.10E-03	2.53E-04	4.62E-04	1.88E-01	5.79E-02	6.63E-02	1.98E-07	1.02E-03	1.23E-04	2.25E-04	1.26E-01
5477	489296.07, 3859143.7	0.0879	0.3357	0.0394	0.2584	0.0115	0.0764	0.3853	0.3357	1.20E-01	6.61E-02	2.65E-07	1.66E-03	2.35E-04	4.68E-04	1.88E-01	5.83E-02	6.61E-02	2.65E-07	8.09E-04	1.14E-04	2.28E-04	1.26E-01
5478	489296.43, 3858954.74	0.064	0.0801	0.0239	1.1372	0.0127	0.4004	0.0836	0.0801	8.72E-02	1.58E-02	1.61E-07	7.31E-03	2.60E-04	2.45E-03	1.13E-01	4.24E-02	1.58E-02	1.61E-07	3.56E-03	1.26E-04	1.19E-03	6.31E-02
5479	489410.33, 3859033.19	0.0761	0.0857	0.0318	1.0383	0.0116	0.4136	0.0867	0.0857	1.04E-01	1.69E-02	2.14E-07	6.68E-03	2.36E-04	2.53E-03	1.30E-01	5.04E-02	1.69E-02	2.14E-07	3.25E-03	1.15E-04	1.23E-03	7.19E-02
5480	489371.37, 3859089.8	0.0797	0.1314	0.0374	0.3081	0.0114	0.1574	0.1373	0.1314	1.09E-01	2.59E-02	2.52E-07	1.98E-03	2.31E-04	9.63E-04	1.38E-01	5.28E-02	2.59E-02	2.52E-07	9.65E-04	1.13E-04	4.69E-04	8.03E-02
5481	489390.52, 3859102.82	0.0811	0.1337	0.0402	0.2963	0.0112	0.1566	0.1395	0.1337	1.10E-01	2.63E-02	2.71E-07	1.91E-03	2.28E-04	9.58E-04	1.40E-01	5.37E-02	2.63E-02	2.71E-07	9.28E-04	1.11E-04	4.66E-04	8.16E-02
5482	489382.3, 3859114.53	0.083	0.1505	0.0415	0.2571	0.0112	0.1288	0.1586	0.1505	1.13E-01	2.96E-02	2.80E-07	1.65E-03	2.27E-04	7.88E-04	1.45E-01	5.50E-02	2.96E-02	2.80E-07	8.05E-04	1.11E-04	3.84E-04	8.60E-02
5483	489363.04, 3859102.45	0.0807	0.1488	0.0386	0.2675	0.0113	0.1281	0.1572	0.1488	1.10E-01	2.93E-02	2.60E-07	1.72E-03	2.31E-04	7.84E-04	1.42E-01	5.35E-02	2.93E-02	2.60E-07	8.38E-04	1.12E-04	3.82E-04	8.41E-02
5484	489337.52, 3859140.71	0.0857	0.2425	0.0422	0.2202	0.0113	0.0864	0.268	0.2425	1.17E-01	4.78E-02	2.84E-07	1.42E-03	2.30E-04	5.29E-04	1.67E-01	5.68E-02	4.78E-02	2.84E-07	6.90E-04	1.12E-04	2.57E-04	1.06E-01
5485	489375.14, 3859164.55	0.0918	0.2522	0.0495	0.1931	0.0109	0.0863	0.276	0.2522	1.25E-01	4.97E-02	3.33E-07	1.24E-03	2.23E-04	5.28E-04	1.77E-01	6.08E-02	4.97E-02	3.33E-07	6.05E-04	1.09E-04	2.57E-04	1.11E-01
5486	489409.3, 3859114.5	0.0816	0.135	0.0432	0.2899	0.011	0.158	0.1405	0.135	1.11E-01	2.66E-02	2.91E-07	1.86E-03	2.24E-04	9.67E-04	1.41E-01	5.41E-02	2.66E-02	2.91E-07	9.08E-04	1.09E-04	4.70E-04	8.22E-02
5487	489434.87, 3859131.81	0.0862	0.1381	0.0483	0.2794	0.0108	0.1574	0.1434	0.1381	1.17E-01	2.72E-02	3.25E-07	1.80E-03	2.20E-04	9.63E-04	1.48E-01	5.71E-02	2.72E-02	3.25E-07	8.75E-04	1.07E-04	4.69E-04	8.58E-02
5488	489471.87, 3859075.75	0.07	0.0891	0.0395	1.0683	0.011	0.4207	0.0898	0.0891	9.53E-02	1.75E-02	2.66E-07	6.87E-03	2.24E-04	2.57E-03	1.23E-01	4.64E-02	1.75E-02	2.66E-07	3.34E-03	1.09E-04	1.25E-03	6.86E-02
5489	489602.62, 3859164.69	0.0821	0.0967	0.0765	0.7049	0.0099	0.4263	0.0969	0.0967	1.12E-01	1.90E-02	5.15E-07	4.53E-03	2.03E-04	2.61E-03	1.38E-01	5.44E-02	1.90E-02	5.15E-07	2.21E-03	9.86E-05	1.27E-03	7.70E-02
5490	489558.29, 3859232.45	0.0887	0.1794	0.1113	0.2056	0.0097	0.1261	0.1839	0.1794	1.21E-01	3.53E-02	7.50E-07	1.32E-03	1.97E-04	7.72E-04	1.58E-01	5.88E-02	3.53E-02	7.50E-07	6.44E-04	9.61E-05	3.76E-04	9.52E-02
5491	489620.11, 3859273.56	0.0922	0.1918	0.1923	0.1973	0.0092	0.1253	0.1961	0.1918	1.26E-01	3.78E-02	1.29E-06	1.27E-03	1.88E-04	7.67E-04	1.66E-01	6.11E-02	3.78E-02	1.29E-06	6.18E-04	9.16E-05	3.73E-04	1.00E-01
5492	489666.06, 3859206.42	0.0725	0.1003	0.1179	0.7246	0.0095	0.4183	0.1003	0.1003	9.87E-02	1.98E-02	7.94E-07	4.66E-03	1.93E-04	2.56E-03	1.26E-01	4.81E-02	1.98E-02	7.94E-07	2.27E-03	9.41E-05	1.25E-03	7.14E-02
5493	489787.9, 3859285.65	0.0796	0.1072	0.2609	0.6944	0.0087	0.4047	0.1077	0.1072	1.08E-01	2.11E-02	1.76E-06	4.47E-03	1.78E-04	2.48E-03	1.37E-01	5.28E-02	2.11E-02	1.76E-06	2.17E-03	8.67E-05	1.21E-03	7.74E-02
5494	489752.17, 3859343.13	0.0848	0.1865	0.6505	0.2285	0.0085	0.156	0.191	0.1865	1.15E-01	3.67E-02	4.38E-06	1.47E-03	1.73E-04	9.55E-04	1.55E-01	5.62E-02	3.67E-02	4.38E-06	7.15E-04	8.41E-05	4.65E-04	9.42E-02
5495	489814.94, 3859385.33	0.0883	0.2008	2.3922	0.2216	0.0081	0.1543	0.206	0.2008	1.20E-01	3.96E-02	1.61E-05	1.43E-03	1.66E-04	9.44E-04	1.62E-01	5.85E-02	3.96E-02	1.61E-05	6.94E-04	8.06E-05	4.60E-04	9.93E-02
5496	489853.42, 3859330.74	0.0703	0.1131	0.6835	0.6675	0.0084	0.4118	0.114	0.1131	9.57E-02	2.23E-02	4.60E-06	4.29E-03	1.70E-04	2.52E-03	1.25E-01	4.66E-02	2.23E-02	4.60E-06	2.09E-03	8.29E-05	1.23E-03	7.23E-02
5497	489969.5, 3859401.91	0.083	0.1186	1.2063	0.9004	0.0078	0.4468	0.1198	0.1186	1.13E-01	2.34E-02	8.12E-06	5.79E-03	1.59E-04	2.73E-03	1.45E-01	5.50E-02	2.34E-02	8.12E-06	2.82E-03	7.75E-05	1.33E-03	8.26E-02
5498	490166.91, 3859486.96	0.0732	0.1084	0.286	0.9102	0.0072	0.3996	0.1087	0.1084	9.96E-02	2.13E-02	1.93E-06	5.85E-03	1.47E-04	2.45E-03	1.29E-01	4.85E-02	2.13E-02	1.93E-06	2.85E-03	7.17E-05	1.19E-03	7.39E-02
5499	490128.86, 3859571.46	0.073	0.2714	0.144	0.1682	0.0068	0.1117	0.2706	0.2714	9.93E-02	5.35E-02	9.69E-07	1.08E-03	1.38E-04	6.83E-04	1.55E-01	4.84E-02	5.35E-02	9.69E-07	5.27E-04	6.72E-05	3.33E-04	1.03E-01
5500	490186.65, 3859593.65	0.0758	0.2734	0.1111	0.1795	0.0066	0.1259	0.2746	0.2734	1.03E-01	5.39E-02	7.48E-07	1.15E-03	1.35E-04	7.71E-04	1.59E-01	5.03E-02	5.39E-02	7.48E-07	5.62E-04	6.59E-05	3.75E-04	1.05E-01
5501	490223.74, 3859517.48	0.0643	0.1128	0.1971	0.9823	0.0071	0.4119	0.1128	0.1128	8.76E-02	2.22E-02	1.33E-06	6.32E-03	1.44E-04	2.52E-03	1.19E-01	4.26E-02	2.22E-02	1.33E-06	3.08E-03	7.00E-05	1.23E-03	6.92E-02
5502	490846.34, 3859817.22	0.067	0.164	0.0258	0.9976	0.0059	0.3236	0.1727	0.164	9.13E-02	3.23E-02	1.74E-07	6.42E-03	1.19E-04	1.98E-03	1.32E-01	4.44E-02	3.23E-02	1.74E-07	3.12E-03	5.81E-05	9.64E-04	8.09E-02
5503	490925.65, 3859844.59	0.0667	0.1516	0.023	1.0008	0.0058	0.3137	0.1595	0.1516	9.08E-02	2.99E-02	1.55E-07	6.44E-03	1.18E-04	1.92E-03	1.29E-01	4.42E-02	2.99E-02	1.55E-07	3.13E-03	5.73E-05	9.34E-04	7.82E-02
5504	491159.29, 3859896.28	0.0654	0.1064	0.0193	1.0306	0.0056	0.3161	0.1065	0.1064	8.90E-02	2.10E-02	1.30E-07	6.63E-03	1.14E-04	1.93E-03	1.19E-01	4.33E-02	2.10E-02	1.30E-07	3.23E-03	5.56E-05	9.41E-04	6.85E-02
5505	491370.69, 3859960.89	0.0576	0.0812	0.0157	1.0329	0.0054	0.3247	0.0807	0.0812	7.84E-02	1.60E-02	1.06E-07	6.64E-03	1.10E-04	1.99E-03	1.03E-01	3.82E-02	1.60E-02	1.06E-07	3.23E-03	5.33E-05	9.67E-04	5.84E-02
5506	491330.28, 3860063.17	0.066	0.1515	0.0121	0.1134	0.0049	0.0945	0.148	0.1515	8.99E-02	2.98E-02	8.14E-08	7.30E-04	9.97E-05	5.78E-04	1.21E-01	4.38E-02	2.98E-02	8.14E-08	3.55E-04	4.85E-05	2.81E-04	7.43E-02
5507	491636.45, 3860180.75	0.0581	0.0813	0.0096	0.0696	0.0046	0.0691	0.0829	0.0813	7.91E-02	1.60E-02	6.44E-08	4.48E-04	9.44E-05	4.23E-04	9.60E-02	3.85E-02	1.60E-02	6.44E-08	2.18E-04	4.60E-05	2.06E-04	5.50E-02
5508	491617.94, 3860203.93	0.0666	0.0939	0.0091	0.0553	0.0045	0.0553	0.0964	0.0939	9.07E-02	1.85E-02	6.11E-08	3.55E-04	9.24E-05	3.39E-04	1.10E-01	4.42E-02	1.85E-02	6.11E-08	1.73E-04	4.50E-05	1.65E-04	6.30E-02
5509	491805.68, 3860271.59	0.0486	0.0703	0.0081	0.0352	0.0044	0.0496	0.0726	0.0703	6.61E-02	1.39E-02	5.45E-08	2.26E-04	8.97E-05	3.04E-04	8.06E-02	3.22E-02	1.39E-02	5.45E-08	1.10E-04	4.37E-05	1.48E-04	4.63E-02
5510	491654.23, 3860414.02	0.0359	0.3634	0.0061	0.0231	0.004	0.0258	0.3962	0.3634	4.89E-02	7.16E-02	4.09E-08	1.48E-04	8.12E-05	1.58E-04	1.21E-01	2.38E-02	7.16E-02	4.09E-08	7.22E-05	3.95E-05	7.69E-05	9.56E-02
5511	491592.62, 3860510.76	0.0126	0.0702	0.0051	0.0193	0.0037	0.0206	0.0661	0.0702	1.71E-02	1.38E-02	3.46E-08	1.24E-04	7.63E-05	1.26E-04	3.13E-02	8.32E-03	1.38E-02	3.46E-08	6.03E-05	3.71E-05	6.14E-05	2.23E-02
5512	491475.41, 3860368.93	0.0276	0.1182	0.0062	0.0255	0.004	0.0254	0.1102	0.1182	3.75E-02	2.33E-02	4.20E-08	1.64E-04	8.18E-05	1.55E-04	6.12E-02	1.83E-02	2.33E-02	4.20E-08	7.99E-05	3.98E-05	7.55E-05	4.17E-02
5513	491445.61, 3860337.28	0.0293	0.1314	0.0066	0.0277	0.0041	0.0268	0.1241	0.1314	3.98E-02	2.59E-02	4.42E-08	1.78E-04	8.32E-05	1.64E-04	6.62E-02	1.94E-02	2.59E-02	4.42E-08	8.66E-05	4.05E-05	7.99E-05	4.55E-02
5514	491399.05, 3860300.37	0.0301	0.1337	0.007	0.0306	0.0042	0.0287	0.1293	0.1337	4.10E-02	2.63E-02	4.71E-08	1.97E-04	8.50E-05	1.75E-04	6.78E-02	2.00E-02	2.63E-02	4.71E-08	9.58E-05	4.14E-05	8.54E-05	4.65E-02

5515	491228.84, 3860235.98	0.0269	0.0657	0.0077	0.035	0.0043	0.0304	0.0665	0.0657	3.66E-02	1.30E-02	5.18E-08	2.25E-04	8.79E-05	1.86E-04	5.00E-02	1.78E-02	1.30E-02	5.18E-08	1.10E-04	4.28E-05	9.05E-05	3.10E-02
5516	491228.47, 3860174.57	0.0372	0.1252	0.0089	0.0442	0.0045	0.037	0.1304	0.1252	5.06E-02	2.47E-02	5.97E-08	2.84E-04	9.16E-05	2.26E-04	7.59E-02	2.46E-02	2.47E-02	5.97E-08	1.38E-04	4.46E-05	1.10E-04	4.96E-02
5517	491145.77, 3860112.55	0.0351	0.1243	0.0102	0.0543	0.0047	0.0436	0.1311	0.1243	4.77E-02	2.45E-02	6.88E-08	3.49E-04	9.54E-05	2.67E-04	7.29E-02	2.32E-02	2.45E-02	6.88E-08	1.70E-04	4.65E-05	1.30E-04	4.81E-02
5518	490844.41, 3859966.22	0.0343	0.1158	0.0152	0.0831	0.0052	0.0645	0.1081	0.1158	4.67E-02	2.28E-02	1.02E-07	5.35E-04	1.06E-04	3.95E-04	7.05E-02	2.27E-02	2.28E-02	1.02E-07	2.60E-04	5.15E-05	1.92E-04	4.60E-02
5519	490845.55, 3859928.15	0.0426	0.256	0.0175	0.1179	0.0053	0.094	0.2264	0.256	5.79E-02	5.04E-02	1.18E-07	7.58E-04	1.09E-04	5.75E-04	1.10E-01	2.82E-02	5.04E-02	1.18E-07	3.69E-04	5.30E-05	2.80E-04	7.93E-02
5520	490046.91, 3859625.6	0.0436	0.1709	0.0809	0.085	0.0066	0.0583	0.1718	0.1709	5.93E-02	3.37E-02	5.44E-07	5.47E-04	1.35E-04	3.57E-04	9.40E-02	2.89E-02	3.37E-02	5.44E-07	2.66E-04	6.57E-05	1.74E-04	6.30E-02
5521	489970.48, 3859589.4	0.0452	0.1791	0.1194	0.0863	0.0069	0.0584	0.1745	0.1791	6.16E-02	3.53E-02	8.04E-07	5.55E-04	1.41E-04	3.57E-04	9.79E-02	3.00E-02	3.53E-02	8.04E-07	2.70E-04	6.86E-05	1.74E-04	6.58E-02
5522	489865.89, 3859529.06	0.0525	0.1956	0.3027	0.0919	0.0074	0.0611	0.1875	0.1956	7.15E-02	3.85E-02	2.04E-06	5.91E-04	1.51E-04	3.74E-04	1.11E-01	3.48E-02	3.85E-02	2.04E-06	2.88E-04	7.34E-05	1.82E-04	7.39E-02
5523	489826.89, 3859531.74	0.0466	0.1262	0.3161	0.0848	0.0075	0.0562	0.1218	0.1262	6.35E-02	2.49E-02	2.13E-06	5.45E-04	1.53E-04	3.44E-04	8.94E-02	3.09E-02	2.49E-02	2.13E-06	2.65E-04	7.46E-05	1.67E-04	5.63E-02
5524	489410.47, 3859303.06	0.0576	0.1249	0.0865	0.1308	0.0102	0.0582	0.1144	0.1249	7.84E-02	2.46E-02	5.83E-07	8.41E-04	2.07E-04	3.56E-04	1.04E-01	3.82E-02	2.46E-02	5.83E-07	4.10E-04	1.01E-04	1.73E-04	6.34E-02
5525	489407.15, 3859286.09	0.0612	0.1617	0.0824	0.1355	0.0102	0.0603	0.1453	0.1617	8.33E-02	3.19E-02	5.55E-07	8.71E-04	2.09E-04	3.69E-04	1.17E-01	4.05E-02	3.19E-02	5.55E-07	4.24E-04	1.02E-04	1.79E-04	7.31E-02
5526	488806.07, 3858963.62	0.1164	0.1387	0.0165	0.0524	0.0136	0.0708	0.0642	0.1387	1.59E-01	2.73E-02	1.11E-07	3.37E-04	2.76E-04	4.33E-04	1.87E-01	7.72E-02	2.73E-02	1.11E-07	1.64E-04	1.35E-04	2.11E-04	1.05E-01
5527	488817.64, 3859546.3	0.1091	0.0121	0.013	0.0288	0.006	0.0597	0.0112	0.0121	1.48E-01	2.39E-03	8.72E-08	1.86E-04	1.23E-04	3.65E-04	1.52E-01	7.23E-02	2.39E-03	8.72E-08	9.03E-05	6.00E-05	1.78E-04	7.50E-02
5528	489187.25, 3859549.52	0.073	0.0172	0.0255	0.2698	0.0091	0.0442	0.0163	0.0172	9.93E-02	3.39E-03	1.71E-07	1.74E-03	1.85E-04	2.71E-04	1.05E-01	4.83E-02	3.39E-03	1.71E-07	8.45E-04	9.01E-05	1.32E-04	5.28E-02
5529	489187.66, 3859523.74	0.0632	0.0183	0.0266	0.2721	0.0093	0.0447	0.0173	0.0183	8.60E-02	3.60E-03	1.79E-07	1.75E-03	1.90E-04	2.74E-04	9.18E-02	4.18E-02	3.60E-03	1.79E-07	8.52E-04	9.23E-05	1.33E-04	4.65E-02
5530	489232.59, 3859522.85	0.0596	0.0195	0.0302	0.4811	0.0095	0.044	0.0185	0.0195	8.12E-02	3.84E-03	2.03E-07	3.09E-03	1.93E-04	2.69E-04	8.86E-02	3.95E-02	3.84E-03	2.03E-07	1.51E-03	9.39E-05	1.31E-04	4.51E-02
5531	489224.98, 3859759.91	0.0545	0.0122	0.0158	0.5398	0.0076	0.0399	0.0117	0.0122	7.42E-02	2.41E-03	1.06E-07	3.47E-03	1.55E-04	2.44E-04	8.05E-02	3.61E-02	2.41E-03	1.06E-07	1.69E-03	7.52E-05	1.19E-04	4.04E-02
5532	488401.39, 3859763.34	0.0964	0.0076	0.0077	0.0158	0.003	0.3463	0.007	0.0076	1.31E-01	1.49E-03	5.16E-08	1.02E-04	6.20E-05	2.12E-03	1.35E-01	6.38E-02	1.49E-03	5.16E-08	4.95E-05	3.02E-05	1.03E-03	6.65E-02
5533	488405.51, 3859966.16	0.1047	0.0067	0.0068	0.0147	0.0026	0.3373	0.0062	0.0067	1.43E-01	1.31E-03	4.57E-08	9.46E-05	5.36E-05	2.06E-03	1.46E-01	6.94E-02	1.31E-03	4.57E-08	4.60E-05	2.61E-05	1.00E-03	7.18E-02
5534	489202.85, 3859956.57	0.0674	0.0095	0.011	0.2083	0.006	0.0377	0.0091	0.0095	9.18E-02	1.87E-03	7.41E-08	1.34E-03	1.23E-04	2.30E-04	9.53E-02	4.47E-02	1.87E-03	7.41E-08	6.52E-04	5.97E-05	1.12E-04	4.74E-02
5535	489191.9, 3860676.74	0.0354	0.0055	0.0051	0.3416	0.0024	0.0267	0.0054	0.0055	4.81E-02	1.09E-03	3.43E-08	2.20E-03	4.96E-05	1.63E-04	5.16E-02	2.34E-02	1.09E-03	3.43E-08	1.07E-03	2.41E-05	7.96E-05	2.57E-02
5536	488392.82, 3860687.88	0.0607	0.0046	0.0038	0.0115	0.0018	0.2905	0.0043	0.0046	8.26E-02	9.02E-04	2.57E-08	7.42E-05	3.61E-05	1.78E-03	8.54E-02	4.02E-02	9.02E-04	2.57E-08	3.61E-05	1.76E-05	8.65E-04	4.20E-02
5537	488392.82, 3860760.27	0.0278	0.0045	0.0036	0.0113	0.0017	0.0638	0.0042	0.0045	3.78E-02	8.77E-04	2.44E-08	7.26E-05	3.51E-05	3.90E-04	3.92E-02	1.84E-02	8.77E-04	2.44E-08	3.53E-05	1.71E-05	1.90E-04	1.95E-02
5538	487549.05, 3860777.45	0.0094	0.0038	0.0028	0.0072	0.0025	0.0186	0.0035	0.0038	1.28E-02	7.45E-04	1.88E-08	4.65E-05	5.08E-05	1.14E-04	1.38E-02	6.24E-03	7.45E-04	1.88E-08	2.26E-05	2.47E-05	5.54E-05	7.08E-03
5539	487554.62, 3859571.83	0.0645	0.0064	0.0048	0.0105	0.0042	0.1318	0.0056	0.0064	8.78E-02	1.25E-03	3.21E-08	6.74E-05	8.57E-05	8.07E-04	9.00E-02	4.27E-02	1.25E-03	3.21E-08	3.28E-05	4.17E-05	3.93E-04	4.45E-02
5540	485949.46, 3859558.54	0.0096	0.0044	0.0038	0.0061	0.0066	0.0132	0.0038	0.0044	1.31E-02	8.63E-04	2.56E-08	3.95E-05	1.34E-04	8.07E-05	1.42E-02	6.38E-03	8.63E-04	2.56E-08	1.92E-05	6.51E-05	3.93E-05	7.37E-03
5541	485947.55, 3857943.61	0.0341	0.0115	0.0086	0.009	0.0238	0.0606	0.006	0.0115	4.64E-02	2.26E-03	5.78E-08	5.76E-05	4.86E-04	3.71E-04	4.96E-02	2.26E-02	2.26E-03	5.78E-08	2.81E-05	2.37E-04	1.81E-04	2.53E-02
5542	484738.38, 3857940.21	0.0116	0.0059	0.0046	0.0062	0.0135	0.0126	0.0042	0.0059	1.57E-02	1.16E-03	3.08E-08	3.96E-05	2.75E-04	7.73E-05	1.73E-02	7.66E-03	1.16E-03	3.08E-08	1.93E-05	1.34E-04	3.76E-05	9.01E-03
5543	484737.06, 3857535.68	0.0163	0.0074	0.006	0.0066	0.0138	0.0152	0.0046	0.0074	2.22E-02	1.46E-03	4.02E-08	4.26E-05	2.82E-04	9.28E-05	2.41E-02	1.08E-02	1.46E-03	4.02E-08	2.08E-05	1.37E-04	4.51E-05	1.25E-02
5544	483730.2, 3857530.13	0.0106	0.0051	0.0058	0.0053	0.0086	0.009	0.0037	0.0051	1.44E-02	9.95E-04	3.90E-08	3.42E-05	1.76E-04	5.53E-05	1.57E-02	7.02E-03	9.95E-04	3.90E-08	1.66E-05	8.56E-05	2.69E-05	8.14E-03
5545	483727.27, 3857130.01	0.0212	0.0059	0.0065	0.0057	0.0079	0.0101	0.0041	0.0059	2.88E-02	1.16E-03	4.34E-08	3.66E-05	1.61E-04	6.20E-05	3.03E-02	1.40E-02	1.16E-03	4.34E-08	1.78E-05	7.85E-05	3.02E-05	1.53E-02
5546	483124.42, 3857123.45	0.0122	0.0049	0.0056	0.005	0.0064	0.0081	0.0037	0.0049	1.66E-02	9.67E-04	3.78E-08	3.24E-05	1.30E-04	4.96E-05	1.78E-02	8.07E-03	9.67E-04	3.78E-08	1.57E-05	6.34E-05	2.41E-05	9.14E-03
5547	483111.13, 3855921.03	0.0552	0.0084	0.0102	0.0064	0.0076	0.0141	0.0048	0.0084	7.52E-02	1.65E-03	6.83E-08	4.10E-05	1.55E-04	8.61E-05	7.71E-02	3.66E-02	1.65E-03	6.83E-08	1.99E-05	7.52E-05	4.19E-05	3.84E-02
5548	482701.73, 3855918.24	0.0202	0.0067	0.0096	0.0057	0.007	0.0103	0.0044	0.0067	2.75E-02	1.32E-03	6.44E-08	3.68E-05	1.43E-04	6.27E-05	2.91E-02	1.34E-02	1.32E-03	6.44E-08	1.79E-05	6.97E-05	3.05E-05	1.48E-02
5549	482668.02, 3853521.78	0.0327	0.0566	0.0038	0.0065	0.0031	0.0106	0.0493	0.0566	4.46E-02	1.11E-02	2.58E-08	4.17E-05	6.26E-05	6.49E-05	5.59E-02	2.17E-02	1.11E-02	2.58E-08	2.03E-05	3.05E-05	3.16E-05	3.29E-02
5550	482579.91, 3853219.19	0.0261	0.0682	0.003	0.0044	0.0028	0.0061	0.0685	0.0682	3.55E-02	1.34E-02	2.05E-08	2.84E-05	5.75E-05	3.74E-05	4.90E-02	1.73E-02	1.34E-02	2.05E-08	1.38E-05	2.80E-05	1.82E-05	3.08E-02
5551	482434.06, 3852961.94	0.0226	0.0961	0.0024	0.0035	0.0026	0.0046	0.0978	0.0961	3.08E-02	1.89E-02	1.63E-08	2.25E-05	5.38E-05	2.81E-05	4.98E-02	1.50E-02	1.89E-02	1.63E-08	1.10E-05	2.62E-05	1.37E-05	3.40E-02
5552	482332.11, 3852832.85	0.02	0.1248	0.0022	0.0032	0.0026	0.004	0.1272	0.1248	2.73E-02	2.46E-02	1.47E-08	2.04E-05	5.20E-05	2.47E-05	5.19E-02	1.33E-02	2.46E-02	1.47E-08	9.93E-06	2.53E-05	1.20E-05	3.79E-02
5553	481334.99, 3851818.96	0.0163	0.1029	0.0014	0.0019	0.002	0.0022	0.1045	0.1029	2.21E-02	2.03E-02	9.09E-09	1.24E-05	4.12E-05	1.35E-05	4.25E-02	1.08E-02	2.03E-02	9.09E-09	6.04E-06	2.01E-05	6.55E-06	3.11E-02
5554	481127.62, 3851646.36	0.0181	0.0886	0.0012	0.0018	0.002	0.002	0.0888	0.0886	2.46E-02	1.74E-02	8.28E-09	1.17E-05	3.98E-05	1.25E-05	4.21E-02	1.20E-02	1.74E-02	8.28E-09	5.70E-06	1.94E-05	6.08E-06	2.95E-02
5555	481025.04, 3851591.73	0.017	0.0809	0.0012	0.0018	0.0019	0.002	0.0805	0.0809	2.32E-02	1.59E-02	7.95E-09	1.15E-05	3.94E-05	1.22E-05	3.92E-02	1.13E-02	1.59E-02	7.95E-09	5.60E-06	1.92E-05	5.93E-06	2.73E-02
5556	480513.6, 3851335.76	0.0178	0.0828	0.001	0.0017	0.0018	0.0018	0.0842	0.0828	2.42E-02	1.63E-02	6.87E-09	1.07E-05	3.73E-05	1.11E-05	4.06E-02	1.18E-02	1.63E-02	6.87E-09	5.23E-06	1.82E-05	5.39E-06	2.81E-02
5557	480523.56, 3851317.66	0.0225	0.112	0.001	0.0017	0.0018	0.0018	0.1142	0.112	3.07E-02	2.21E-02	6.87E-09	1.07E-05	3.73E-05	1.10E-05	5.28E-02	1.49E-02	2.21E-02	6.87E-09	5.20E-06	1.82E-05	5.36E-06	3.70E-02
5558	476921.56, 3849569.11	0.0157	0.0986	0.0008	0.0011	0.0013	0.0012	0.0991	0.0986	2.13E-02	1.94E-02	5.39E-09	6.95E-06	2.61E-05	7.22E-06	4.08E-02	1.04E-02	1.94E-02	5.39E-09	3.38E-06	1.27E-05	3.51E-06	2.98E-02
5559	476521.19, 3849373.96	0.0181	0.1188	0.0008	0.001	0.0013	0.0012	0.1186	0.1188	2.46E-02	2.34E-02	5.12E-09	6.69E-06	2.57E-05	7.04E-06	4.80E-02	1.20E-02	2.34E-02	5.12E-09	3.26E-06	1.25E-05	3.42E-06	3.54E-02
5560	476391.45, 3849333.38	0.0181	0.1269	0.0007	0.001	0.0013	0.0012	0.1273	0.1269	2.46E-02	2.50E-02	4.98E-09	6.63E-06	2.57E-05	7.04E-06	4.96E-02	1.20E-02	2.50E-02	4.98E-09	3.22E-06	1.25E-05	3.42E-06	3.70E-02
5561	476219.41, 3849304.29	0.0166	0.1107	0.0007	0.001	0.0013	0.0012	0.1116	0.1107	2.26E-02	2.18E-02	4.85E-09	6.63E-06	2.59E-05	7.04E-06	4.45E-02	1.10E-02	2.18E-02	4.85E-09	3.22E-06	1.26E-05	3.42E-06	3.28E-02
5562	475679.11, 3849218.47	0.0163	0.0899	0.0007	0.001	0.0013	0.0011	0.0901	0.0899	2.22E-02	1.77E-02	4.38E-09	6.63E-06	2.65E-05	6.91E-06	4.00E-02	1.08E-02	1.77E-02	4.38E-09	3.22E-06	1.29E-05	3.37E-06	2.85E-02
5563	475677.71, 3849233.88	0.013	0.072	0.0007	0.001	0.0013	0.0011	0.0722	0.072	1.77E-02	1.42E-02	4.38E-09	6.69E-06	2.67E-05	6.91E-06	3.19E-02	8.61E-03	1.42E-02	4.38E-09	3.26E-06	1.30E-05	3.37E-06	2.28E-02
5564	475492.74, 3849204.66	0.0107	0.0502	0.0006	0.001	0.0013	0.0011	0.0505	0.0502	1.46E-02	9.89E-03	4.17E-09	6.50E-06	2.67E-05	6.67E-06	2.45E-02	7.10E-03	9.89E-03	4.17E-09	3.16E-06	1.30E-05	3.25E-06	1.70E-02
5565	475497.64, 3849158.75	0.0281	0.1181	0.0006	0.001	0.0013	0.0011	0.1188	0.1181	3.82E-02	2.33E-02	4.17E-09	6.50E-06	2.65E-05	6.73E-06	6.15E-02	1.86E-02	2.33E-02	4.17E-09	3.16E-06	1.29E-05	3.28E-06	4.19E-02
5566	475391.35, 3849141.94	0.0152	0.0902	0.0006	0.001	0.0013	0.0011	0.0905	0.0902	2.07E-02	1.78E-02	4.24E-09	6.56E-06	2.65E-05	6.73E-06	3.85E-02	1.01E-02	1.78E-02	4.24E-09	3.19E-06	1.29E-05	3.28E-06	2.78E-02
5567	475277, 3849095.47	0.0143	0.087	0.0006	0.001	0.0013	0.0011	0.0874	0.087	1.94E-02	1.71E-02	4.24E-09	6.56E-06	2.65E-05	6.73E-06	3.66E-02	9.45E-03	1.71E-02	4.24E-09	3.19E-06	1.29E-05	3.28E-06	2.66E-02
5568	475183.93, 3849025.66	0.0165	0.1135	0.0006	0.001	0.0013	0.0011	0.1144	0.1135	2.24E-02	2.24E-02	4.17E-09	6.43E-06	2.61E-05	6.67E-06	4.48E-02	1.09E-02	2.24E-02	4.17E-09	3.13E-06	1.27E-05	3.25E-06	3.33E-02
5569	474453.23, 3848378.77	0.0105	0.1621	0.0006	0.0009	0.0012	0.001	0.1632	0.1621	1.43E-02	3.19E-02	3.77E-09	5.85E-06	2.39E-05	6.06E-06	4.62E-02	6.94E-03	3.19E-02	3.77E-09	2.85E-06	1.16E-05	2.95E-06	3.89E-02
5570	474569.63, 3848399.34	0.01	0.3488	0.0006	0.0009	0.0012	0.001	0.3516	0.3488	1.36E-02	6.87E-02	3.77E-09	5.85E-06	2.37E-05	6.06E-06	8.23E-02	6.61E-03	6.87E-02	3.77E-09	2.85E-06	1.15E-05	2.95E-06	7.53E-02
5571	474644.33, 3848464.52	0.011	0.3538	0.0006	0.0009	0.0012	0.001	0.3565	0.3538	1.49E-02	6.97E-02	3.84E-09	5.92E-06	2.39E-05	6.12E-06	8.47E-02	7.27E-03	6.97E-02	3.84E-09	2.88E-06	1.16E-05	2.98E-06	7.70E-02
5572	474719.04, 3848529.7	0.0118	0.361	0.0006	0.0009	0.0012	0.001	0.3637	0.361	1.61E-02	7.11E-02	3.84E-09	5.98E-06	2.41E-05	6.18E-06	8.72E-02	7.81E-03	7.11E-02	3.84E-09	2.91E-06	1.17E-05	3.01E-06	7.89E-02
5573	474793.74, 3848594.88	0.0124	0.3674	0.0006	0.0009	0.0012	0.001	0.3701	0.3674	1.69E-02	7.24E-02	3.91E-09	5.98E-06	2.45E-05	6.24E-06	8.93E-02	8.24E-03	7.24E-02	3.91E-09	2.91E-06	1.19E-05	3.04E-06	8.06E-02
5574	474868.45, 3848660.07	0.0133	0.3695	0.0006	0.0009	0.0012	0.001	0.372	0.3695	1.80E-02	7.28E-02	3.91E-09	6.05E-06	2.47E-05	6.30E-06	9.09E-02	8.78E-03	7.28E-02	3.91E-09	2.94E-06	1.20E-05	3.07E-06	8.16E-02
5575	474943.15, 3848725.25	0.0141	0.3762	0.0006	0.001	0.0012	0.001	0.3787	0.3762	1.93E-02	7.41E-02	3.91E-09	6.11E-06	2.49E-05	6.30E-06	9.34E-02	9.37E-03	7.41E-02	3.91E-09	2.97E-06	1.21E-05	3.07E-06	8.35E-02
5576	475017.86, 3848790.43	0.0152	0.3887	0.0006	0.001	0.0012	0.001	0.3911	0.3887	2.06E-02	7.66E-02	3.97E-09	6.18E-06	2.51E-05	6.36E-06	9.72E-02	1.00E-02	7.66E-02	3.97E-09	3.01E-06	1.22E-05	3.10E-06	8.66E-02

5577	475092.56, 3848855.61	0.0163	0.3969	0.0006	0.001	0.0013	0.0011	0.3994	0.3969	2.21E-02	7.82E-02	4.04E-09	6.24E-06	2.55E-05	6.49E-06	1.00E-01	1.08E-02	7.82E-02	4.04E-09	3.04E-06	1.24E-05	3.16E-06	8.90E-02
5578	475232.58, 3848959.38	0.0207	0.3346	0.0006	0.001	0.0013	0.0011	0.3368	0.3346	2.81E-02	6.59E-02	4.11E-09	6.37E-06	2.57E-05	6.55E-06	9.41E-02	1.37E-02	6.59E-02	4.11E-09	3.10E-06	1.25E-05	3.19E-06	7.96E-02
5579	475368.47, 3849029.98	0.0231	0.3466	0.0006	0.001	0.0013	0.0011	0.3516	0.3466	3.15E-02	6.83E-02	4.17E-09	6.43E-06	2.59E-05	6.61E-06	9.98E-02	1.53E-02	6.83E-02	4.17E-09	3.13E-06	1.26E-05	3.22E-06	8.36E-02
5580	475609.57, 3849096.09	0.0245	0.2885	0.0006	0.001	0.0013	0.0011	0.2918	0.2885	3.33E-02	5.68E-02	4.24E-09	6.43E-06	2.59E-05	6.67E-06	9.02E-02	1.62E-02	5.68E-02	4.24E-09	3.13E-06	1.26E-05	3.25E-06	7.31E-02
5581	475680.68, 3849116.62	0.0234	0.3312	0.0006	0.001	0.0013	0.0011	0.3369	0.3312	3.18E-02	6.52E-02	4.31E-09	6.43E-06	2.59E-05	6.73E-06	9.71E-02	1.55E-02	6.52E-02	4.31E-09	3.13E-06	1.26E-05	3.28E-06	8.08E-02
5582	475843.76, 3849151.52	0.0226	0.4093	0.0007	0.001	0.0013	0.0011	0.4151	0.4093	3.08E-02	8.06E-02	4.44E-09	6.50E-06	2.57E-05	6.79E-06	1.11E-01	1.50E-02	8.06E-02	4.44E-09	3.16E-06	1.25E-05	3.31E-06	9.56E-02
5583	475935.73, 3849165.89	0.0222	0.3767	0.0007	0.001	0.0013	0.0011	0.3806	0.3767	3.02E-02	7.42E-02	4.58E-09	6.50E-06	2.55E-05	6.85E-06	1.04E-01	1.47E-02	7.42E-02	4.58E-09	3.16E-06	1.24E-05	3.34E-06	8.89E-02
5584	476027.7, 3849180.26	0.0225	0.3764	0.0007	0.001	0.0013	0.0011	0.3796	0.3764	3.07E-02	7.41E-02	4.65E-09	6.50E-06	2.55E-05	6.91E-06	1.05E-01	1.49E-02	7.41E-02	4.65E-09	3.16E-06	1.24E-05	3.37E-06	8.91E-02
5585	476119.68, 3849194.64	0.0239	0.3938	0.0007	0.001	0.0012	0.0011	0.3962	0.3938	3.26E-02	7.76E-02	4.71E-09	6.50E-06	2.53E-05	6.85E-06	1.10E-01	1.58E-02	7.76E-02	4.71E-09	3.16E-06	1.23E-05	3.34E-06	9.34E-02
5586	476211.65, 3849209.01	0.0246	0.3897	0.0007	0.001	0.0012	0.0011	0.3911	0.3897	3.34E-02	7.68E-02	4.78E-09	6.43E-06	2.51E-05	6.85E-06	1.10E-01	1.63E-02	7.68E-02	4.78E-09	3.13E-06	1.22E-05	3.34E-06	9.30E-02
5587	476497.8, 3849283.9	0.0258	0.5056	0.0008	0.001	0.0012	0.0011	0.5174	0.5056	3.51E-02	9.96E-02	5.05E-09	6.50E-06	2.49E-05	6.85E-06	1.35E-01	1.71E-02	9.96E-02	5.05E-09	3.16E-06	1.21E-05	3.34E-06	1.17E-01
5588	476603.73, 3849323.77	0.0266	0.5036	0.0008	0.001	0.0012	0.0011	0.5146	0.5036	3.63E-02	9.92E-02	5.12E-09	6.56E-06	2.51E-05	6.85E-06	1.36E-01	1.77E-02	9.92E-02	5.12E-09	3.19E-06	1.22E-05	3.34E-06	1.17E-01
5589	476728.99, 3849382.76	0.0282	0.4647	0.0008	0.001	0.0012	0.0011	0.4727	0.4647	3.84E-02	9.15E-02	5.19E-09	6.63E-06	2.51E-05	6.91E-06	1.30E-01	1.87E-02	9.15E-02	5.19E-09	3.22E-06	1.22E-05	3.37E-06	1.10E-01
5590	476801.27, 3849418.65	0.0292	0.4644	0.0008	0.001	0.0012	0.0011	0.471	0.4644	3.98E-02	9.15E-02	5.25E-09	6.69E-06	2.53E-05	6.91E-06	1.31E-01	1.94E-02	9.15E-02	5.25E-09	3.26E-06	1.23E-05	3.37E-06	1.11E-01
5591	476956.2, 3849495.05	0.0309	0.4646	0.0008	0.0011	0.0013	0.0012	0.4691	0.4646	4.21E-02	9.15E-02	5.39E-09	6.75E-06	2.55E-05	7.04E-06	1.34E-01	2.05E-02	9.15E-02	5.39E-09	3.29E-06	1.24E-05	3.42E-06	1.12E-01
5592	477038.84, 3849535.56	0.032	0.4709	0.0008	0.0011	0.0013	0.0012	0.4744	0.4709	4.35E-02	9.28E-02	5.39E-09	6.82E-06	2.57E-05	7.04E-06	1.36E-01	2.12E-02	9.28E-02	5.39E-09	3.32E-06	1.25E-05	3.42E-06	1.14E-01
5593	477121.48, 3849576.08	0.0328	0.469	0.0008	0.0011	0.0013	0.0012	0.4711	0.469	4.47E-02	9.24E-02	5.45E-09	6.88E-06	2.59E-05	7.10E-06	1.37E-01	2.17E-02	9.24E-02	5.45E-09	3.35E-06	1.26E-05	3.45E-06	1.14E-01
5594	477204.13, 3849616.6	0.0338	0.4719	0.0008	0.0011	0.0013	0.0012	0.4725	0.4719	4.61E-02	9.30E-02	5.45E-09	6.95E-06	2.59E-05	7.10E-06	1.39E-01	2.24E-02	9.30E-02	5.45E-09	3.38E-06	1.26E-05	3.45E-06	1.15E-01
5595	477286.78, 3849657.12	0.0351	0.4437	0.0008	0.0011	0.0013	0.0012	0.4425	0.4437	4.78E-02	8.74E-02	5.45E-09	6.88E-06	2.59E-05	7.04E-06	1.35E-01	2.33E-02	8.74E-02	5.45E-09	3.35E-06	1.26E-05	3.42E-06	1.11E-01
5596	477369.42, 3849697.63	0.0353	0.4717	0.0008	0.0011	0.0013	0.0012	0.4704	0.4717	4.80E-02	9.29E-02	5.52E-09	7.01E-06	2.63E-05	7.16E-06	1.41E-01	2.34E-02	9.29E-02	5.52E-09	3.41E-06	1.28E-05	3.48E-06	1.16E-01
5597	477452.07, 3849738.15	0.036	0.4719	0.0008	0.0011	0.0013	0.0012	0.468	0.4719	4.90E-02	9.30E-02	5.52E-09	7.08E-06	2.63E-05	7.16E-06	1.42E-01	2.38E-02	9.30E-02	5.52E-09	3.44E-06	1.28E-05	3.48E-06	1.17E-01
5598	477534.71, 3849778.67	0.0364	0.486	0.0008	0.0011	0.0013	0.0012	0.4819	0.486	4.96E-02	9.57E-02	5.59E-09	7.20E-06	2.67E-05	7.28E-06	1.45E-01	2.41E-02	9.57E-02	5.59E-09	3.51E-06	1.30E-05	3.54E-06	1.20E-01
5599	477617.35, 3849819.18	0.0373	0.4842	0.0008	0.0011	0.0013	0.0012	0.479	0.4842	5.08E-02	9.54E-02	5.59E-09	7.27E-06	2.67E-05	7.28E-06	1.46E-01	2.47E-02	9.54E-02	5.59E-09	3.54E-06	1.30E-05	3.54E-06	1.20E-01
5600	477824.74, 3849896.37	0.0418	0.3182	0.0008	0.0012	0.0013	0.0012	0.3155	0.3182	5.69E-02	6.27E-02	5.59E-09	7.46E-06	2.71E-05	7.40E-06	1.20E-01	2.77E-02	6.27E-02	5.59E-09	3.63E-06	1.32E-05	3.60E-06	9.04E-02
5601	477906.31, 3849936.37	0.043	0.3278	0.0008	0.0012	0.0013	0.0012	0.3229	0.3278	5.86E-02	6.46E-02	5.52E-09	7.46E-06	2.71E-05	7.34E-06	1.23E-01	2.85E-02	6.46E-02	5.52E-09	3.63E-06	1.32E-05	3.57E-06	9.31E-02
5602	477987.89, 3849976.36	0.043	0.3283	0.0008	0.0012	0.0013	0.0012	0.3239	0.3283	5.85E-02	6.47E-02	5.52E-09	7.53E-06	2.73E-05	7.40E-06	1.23E-01	2.85E-02	6.47E-02	5.52E-09	3.66E-06	1.33E-05	3.60E-06	9.32E-02
5603	478069.47, 3850016.36	0.0431	0.332	0.0008	0.0012	0.0014	0.0012	0.3261	0.332	5.87E-02	6.54E-02	5.52E-09	7.59E-06	2.75E-05	7.46E-06	1.24E-01	2.86E-02	6.54E-02	5.52E-09	3.69E-06	1.34E-05	3.63E-06	9.40E-02
5604	478151.04, 3850056.35	0.0432	0.3336	0.0008	0.0012	0.0014	0.0012	0.3269	0.3336	5.88E-02	6.57E-02	5.52E-09	7.59E-06	2.75E-05	7.46E-06	1.25E-01	2.86E-02	6.57E-02	5.52E-09	3.69E-06	1.34E-05	3.63E-06	9.44E-02
5605	478232.62, 3850096.35	0.0431	0.3371	0.0008	0.0012	0.0014	0.0012	0.3297	0.3371	5.87E-02	6.64E-02	5.52E-09	7.72E-06	2.79E-05	7.53E-06	1.25E-01	2.86E-02	6.64E-02	5.52E-09	3.76E-06	1.36E-05	3.66E-06	9.50E-02
5606	478314.2, 3850136.34	0.043	0.3383	0.0008	0.0012	0.0014	0.0013	0.3302	0.3383	5.85E-02	6.66E-02	5.52E-09	7.78E-06	2.81E-05	7.65E-06	1.25E-01	2.85E-02	6.66E-02	5.52E-09	3.79E-06	1.37E-05	3.72E-06	9.52E-02
5607	478395.77, 3850176.34	0.0431	0.3392	0.0008	0.0012	0.0014	0.0013	0.3304	0.3392	5.87E-02	6.68E-02	5.52E-09	7.91E-06	2.83E-05	7.71E-06	1.26E-01	2.86E-02	6.68E-02	5.52E-09	3.85E-06	1.38E-05	3.75E-06	9.54E-02
5608	478575.43, 3850244.45	0.0446	0.2593	0.0008	0.0013	0.0014	0.0013	0.2531	0.2593	6.08E-02	5.11E-02	5.52E-09	8.17E-06	2.90E-05	7.95E-06	1.12E-01	2.96E-02	5.11E-02	5.52E-09	3.98E-06	1.41E-05	3.87E-06	8.07E-02
5609	478665.06, 3850287.29	0.0457	0.2566	0.0008	0.0013	0.0014	0.0013	0.25	0.2566	6.22E-02	5.05E-02	5.52E-09	8.30E-06	2.94E-05	8.08E-06	1.13E-01	3.03E-02	5.05E-02	5.52E-09	4.04E-06	1.43E-05	3.93E-06	8.08E-02
5610	478754.69, 3850330.14	0.0462	0.2535	0.0008	0.0013	0.0015	0.0014	0.2467	0.2535	6.29E-02	4.99E-02	5.52E-09	8.43E-06	2.98E-05	8.26E-06	1.13E-01	3.06E-02	4.99E-02	5.52E-09	4.10E-06	1.45E-05	4.02E-06	8.06E-02
5611	478844.32, 3850372.99	0.0469	0.2487	0.0008	0.0013	0.0015	0.0014	0.2417	0.2487	6.38E-02	4.90E-02	5.59E-09	8.56E-06	3.02E-05	8.44E-06	1.13E-01	3.11E-02	4.90E-02	5.59E-09	4.16E-06	1.47E-05	4.11E-06	8.01E-02
5612	478933.95, 3850415.84	0.048	0.2428	0.0008	0.0014	0.0015	0.0014	0.2361	0.2428	6.54E-02	4.78E-02	5.59E-09	8.68E-06	3.10E-05	8.63E-06	1.13E-01	3.18E-02	4.78E-02	5.59E-09	4.23E-06	1.51E-05	4.20E-06	7.97E-02
5613	479023.58, 3850458.68	0.0512	0.2457	0.0008	0.0014	0.0015	0.0014	0.2381	0.2457	6.97E-02	4.84E-02	5.59E-09	8.81E-06	3.12E-05	8.75E-06	1.18E-01	3.39E-02	4.84E-02	5.59E-09	4.29E-06	1.52E-05	4.26E-06	8.23E-02
5614	479110.66, 3850441.9	0.0427	0.1393	0.0008	0.0014	0.0015	0.0015	0.1371	0.1393	5.81E-02	2.74E-02	5.59E-09	8.88E-06	3.14E-05	8.93E-06	8.56E-02	2.83E-02	2.74E-02	5.59E-09	4.32E-06	1.53E-05	4.35E-06	5.57E-02
5615	479191.22, 3850423.99	0.0414	0.0978	0.0008	0.0014	0.0016	0.0015	0.0969	0.0978	5.63E-02	1.93E-02	5.52E-09	8.88E-06	3.16E-05	9.06E-06	7.56E-02	2.74E-02	1.93E-02	5.52E-09	4.32E-06	1.54E-05	4.41E-06	4.67E-02
5616	479274.32, 3850465.71	0.0524	0.0988	0.0008	0.0014	0.0016	0.0015	0.0978	0.0988	7.13E-02	1.95E-02	5.52E-09	8.94E-06	3.18E-05	9.18E-06	9.08E-02	3.47E-02	1.95E-02	5.52E-09	4.35E-06	1.55E-05	4.47E-06	5.42E-02
5617	479357.43, 3850507.42	0.0569	0.0998	0.0008	0.0014	0.0016	0.0015	0.0986	0.0998	7.75E-02	1.97E-02	5.59E-09	9.01E-06	3.20E-05	9.30E-06	9.72E-02	3.77E-02	1.97E-02	5.59E-09	4.38E-06	1.56E-05	4.53E-06	5.74E-02
5618	479440.53, 3850549.14	0.0591	0.0997	0.0008	0.0014	0.0016	0.0015	0.0983	0.0997	8.04E-02	1.96E-02	5.59E-09	9.07E-06	3.24E-05	9.36E-06	1.00E-01	3.92E-02	1.96E-02	5.59E-09	4.41E-06	1.58E-05	4.56E-06	5.88E-02
5619	479523.64, 3850590.85	0.0602	0.0998	0.0008	0.0014	0.0016	0.0015	0.0984	0.0998	8.20E-02	1.97E-02	5.59E-09	9.13E-06	3.26E-05	9.36E-06	1.02E-01	3.99E-02	1.97E-02	5.59E-09	4.45E-06	1.59E-05	4.56E-06	5.96E-02
5620	479606.74, 3850632.57	0.0609	0.1007	0.0008	0.0014	0.0016	0.0015	0.0991	0.1007	8.29E-02	1.98E-02	5.66E-09	9.20E-06	3.30E-05	9.42E-06	1.03E-01	4.04E-02	1.98E-02	5.66E-09	4.48E-06	1.61E-05	4.59E-06	6.02E-02
5621	479777.37, 3850707.61	0.057	0.0958	0.0009	0.0014	0.0017	0.0016	0.0943	0.0958	7.75E-02	1.89E-02	5.72E-09	9.26E-06	3.37E-05	9.48E-06	9.65E-02	3.77E-02	1.89E-02	5.72E-09	4.51E-06	1.64E-05	4.62E-06	5.66E-02
5622	479864.9, 3850740.95	0.0509	0.0916	0.0009	0.0014	0.0017	0.0016	0.0903	0.0916	6.93E-02	1.80E-02	5.79E-09	9.26E-06	3.41E-05	9.48E-06	8.74E-02	3.37E-02	1.80E-02	5.79E-09	4.51E-06	1.66E-05	4.62E-06	5.18E-02
5623	479931.87, 3850829.56	0.0503	0.1271	0.0009	0.0015	0.0017	0.0016	0.1244	0.1271	6.85E-02	2.50E-02	5.93E-09	9.52E-06	3.45E-05	9.73E-06	9.36E-02	3.33E-02	2.50E-02	5.93E-09	4.63E-06	1.68E-05	4.74E-06	5.84E-02
5624	479995.55, 3850926.75	0.0481	0.2287	0.0009	0.0015	0.0017	0.0016	0.2213	0.2287	6.55E-02	4.50E-02	6.06E-09	9.78E-06	3.47E-05	1.00E-05	1.11E-01	3.19E-02	4.50E-02	6.06E-09	4.76E-06	1.69E-05	4.88E-06	7.70E-02
5625	480079.78, 3850968.64	0.047	0.2278	0.0009	0.0015	0.0017	0.0017	0.2218	0.2278	6.40E-02	4.49E-02	6.13E-09	9.84E-06	3.51E-05	1.01E-05	1.09E-01	3.11E-02	4.49E-02	6.13E-09	4.79E-06	1.71E-05	4.91E-06	7.60E-02
5626	480164.01, 3851010.54	0.0465	0.2277	0.0009	0.0015	0.0017	0.0017	0.2232	0.2277	6.33E-02	4.49E-02	6.26E-09	9.91E-06	3.53E-05	1.02E-05	1.08E-01	3.08E-02	4.49E-02	6.26E-09	4.82E-06	1.72E-05	4.97E-06	7.57E-02
5627	480248.23, 3851052.43	0.0462	0.2263	0.0009	0.0016	0.0018	0.0017	0.2232	0.2263	6.28E-02	4.46E-02	6.33E-09	1.00E-05	3.57E-05	1.03E-05	1.07E-01	3.06E-02	4.46E-02	6.33E-09	4.88E-06	1.74E-05	5.00E-06	7.52E-02
5628	480332.46, 3851094.33	0.0461	0.2282	0.001	0.0016	0.0018	0.0017	0.2261	0.2282	6.27E-02	4.50E-02	6.40E-09	1.01E-05	3.59E-05	1.03E-05	1.08E-01	3.05E-02	4.50E-02	6.40E-09	4.92E-06	1.75E-05	5.03E-06	7.55E-02
5629	480416.69, 3851136.22	0.0462	0.2326	0.001	0.0016	0.0018	0.0017	0.2309	0.2326	6.29E-02	4.58E-02	6.46E-09	1.02E-05	3.63E-05	1.04E-05	1.09E-01	3.06E-02	4.58E-02	6.46E-09	4.95E-06	1.77E-05	5.06E-06	7.65E-02
5630	480579.95, 3851215.17	0.0462	0.2291	0.001	0.0016	0.0018	0.0017	0.2294	0.2291	6.28E-02	4.51E-02	6.73E-09	1.03E-05	3.67E-05	1.06E-05	1.08E-01	3.06E-02	4.51E-02	6.73E-09	5.01E-06	1.79E-05	5.15E-06	7.58E-02
5631	480658.98, 3851252.22	0.0464	0.2241	0.001	0.0016	0.0018	0.0018	0.2253	0.2241	6.31E-02	4.41E-02	6.87E-09	1.04E-05	3.69E-05	1.07E-05	1.07E-01	3.07E-02	4.41E-02	6.87E-09	5.07E-06	1.80E-05	5.21E-06	7.49E-02
5632	480817.36, 3851327.85	0.0476	0.2179	0.0011	0.0017	0.0018	0.0018	0.2211	0.2179	6.48E-02	4.29E-02	7.21E-09	1.06E-05	3.73E-05	1.11E-05	1.08E-01	3.16E-02	4.29E-02	7.21E-09	5.17E-06	1.82E-05	5.39E-06	7.45E-02
5633	480896.71, 3851366.42	0.0478	0.2162	0.0011	0.0017	0.0018	0.0018	0.2203	0.2162	6.51E-02	4.26E-02	7.41E-09	1.07E-05	3.75E-05	1.13E-05	1.08E-01	3.17E-02	4.26E-02	7.41E-09	5.23E-06	1.83E-05	5.48E-06	7.43E-02
5634	480976.07, 3851405	0.0478	0.2145	0.0011	0.0017	0.0019	0.0019	0.2194	0.2145	6.51E-02	4.22E-02	7.61E-09	1.09E-05	3.77E-05	1.15E-05	1.07E-01	3.17E-02	4.22E-02	7.61E-09	5.29E-06	1.84E-05	5.60E-06	7.39E-02
5635	481178, 3851487.31	0.0426	0.1726	0.0012	0.0017	0.0019	0.002	0.1764	0.1726	5.80E-02	3.40E-02	8.22E-09	1.11E-05	3.81E-05	1.20E-05	9.21E-02	2.83E-02	3.40E-02	8.22E-09	5.42E-06	1.86E-05	5.84E-06	6.23E-02
5636	481244.9, 3851557.17	0.041	0.2154	0.0013	0.0018	0.0019	0.002	0.2173	0.2154	5.58E-02	4.24E-02	8.42E-09	1.14E-05	3.85E-05	1.23E-05	9.83E-02	2.72E-02	4.24E-02	8.42E-09	5.54E-06	1.88E-05	5.99E-06	6.96E-02
5637	481311.81, 3851627.03	0.0376	0.2471	0.0013	0.0018	0.0019	0.0021	0.2482	0.2471	5.12E-02	4.87E-02	8.62E-09	1.16E-05	3.92E-05	1.26E-05	1.00E-01	2.49E-02	4.87E-02	8.62E-09	5.67E-06	1.91E-05	6.14E-06	7.37E-02
5638	481378.71, 3851696.89	0.035	0.2377	0.0013	0.0019	0.002	0.0021	0.2377	0.2377	4.77E-02	4.68E-02	8.89E-09	1.19E-05	3.98E-05	1.29E-05	9.46E-02	2.32E-02	4.68E-02	8.89E-09	5.79E-06	1.94E-05	6.28E-06	7.01E-02

5639	481445.61, 3851766.76	0.033	0.2349	0.0014	0.0019	0.002	0.0022	0.2351	0.2349	4.49E-02	4.63E-02	9.09E-09	1.22E-05	4.04E-05	1.32E-05	9.12E-02	2.18E-02	4.63E-02	9.09E-09	5.95E-06	1.97E-05	6.43E-06	6.82E-02
5640	481512.51, 3851836.62	0.0321	0.2347	0.0014	0.0019	0.002	0.0022	0.2348	0.2347	4.37E-02	4.62E-02	9.29E-09	1.25E-05	4.10E-05	1.35E-05	9.00E-02	2.13E-02	4.62E-02	9.29E-09	6.07E-06	2.00E-05	6.58E-06	6.76E-02
5641	481579.42, 3851906.48	0.0321	0.2331	0.0014	0.002	0.0021	0.0023	0.2333	0.2331	4.37E-02	4.59E-02	9.49E-09	1.28E-05	4.18E-05	1.39E-05	8.97E-02	2.13E-02	4.59E-02	9.49E-09	6.23E-06	2.04E-05	6.76E-06	6.72E-02
5642	481646.32, 3851976.34	0.0322	0.2351	0.0014	0.002	0.0021	0.0023	0.2352	0.2351	4.39E-02	4.63E-02	9.63E-09	1.31E-05	4.24E-05	1.43E-05	9.03E-02	2.14E-02	4.63E-02	9.63E-09	6.39E-06	2.06E-05	6.94E-06	6.77E-02
5643	481713.22, 3852046.2	0.0324	0.2335	0.0015	0.0021	0.0021	0.0024	0.2337	0.2335	4.42E-02	4.60E-02	9.83E-09	1.35E-05	4.30E-05	1.46E-05	9.02E-02	2.15E-02	4.60E-02	9.83E-09	6.58E-06	2.09E-05	7.12E-06	6.75E-02
5644	481780.12, 3852116.06	0.0327	0.2355	0.0015	0.0022	0.0022	0.0025	0.2356	0.2355	4.45E-02	4.64E-02	1.00E-08	1.39E-05	4.38E-05	1.51E-05	9.09E-02	2.16E-02	4.64E-02	1.00E-08	6.76E-06	2.13E-05	7.33E-06	6.81E-02
5645	481847.03, 3852185.92	0.0329	0.2388	0.0015	0.0022	0.0022	0.0026	0.2388	0.2388	4.48E-02	4.70E-02	1.03E-08	1.43E-05	4.45E-05	1.56E-05	9.19E-02	2.18E-02	4.70E-02	1.03E-08	6.95E-06	2.16E-05	7.59E-06	6.89E-02
5646	481913.93, 3852255.78	0.0332	0.2405	0.0016	0.0023	0.0022	0.0027	0.2406	0.2405	4.52E-02	4.74E-02	1.06E-08	1.47E-05	4.53E-05	1.63E-05	9.27E-02	2.20E-02	4.74E-02	1.06E-08	7.17E-06	2.20E-05	7.92E-06	6.94E-02
5647	481980.83, 3852325.65	0.0335	0.2434	0.0016	0.0024	0.0023	0.0028	0.2434	0.2434	4.56E-02	4.79E-02	1.10E-08	1.52E-05	4.59E-05	1.71E-05	9.37E-02	2.22E-02	4.79E-02	1.10E-08	7.39E-06	2.23E-05	8.31E-06	7.02E-02
5648	482047.73, 3852395.51	0.0338	0.244	0.0017	0.0024	0.0023	0.0029	0.2443	0.244	4.60E-02	4.81E-02	1.14E-08	1.57E-05	4.67E-05	1.78E-05	9.42E-02	2.24E-02	4.81E-02	1.14E-08	7.64E-06	2.27E-05	8.67E-06	7.05E-02
5649	482114.64, 3852465.37	0.0341	0.2442	0.0018	0.0025	0.0023	0.0031	0.2444	0.2442	4.64E-02	4.81E-02	1.19E-08	1.63E-05	4.75E-05	1.87E-05	9.46E-02	2.26E-02	4.81E-02	1.19E-08	7.92E-06	2.31E-05	9.11E-06	7.07E-02
5650	482181.54, 3852535.23	0.0344	0.2476	0.0018	0.0026	0.0024	0.0032	0.2478	0.2476	4.68E-02	4.88E-02	1.24E-08	1.69E-05	4.83E-05	1.97E-05	9.57E-02	2.28E-02	4.88E-02	1.24E-08	8.20E-06	2.35E-05	9.59E-06	7.16E-02
5651	482338.69, 3852700.04	0.0353	0.2532	0.0021	0.0029	0.0025	0.0037	0.2532	0.2532	4.81E-02	4.99E-02	1.41E-08	1.86E-05	5.04E-05	2.26E-05	9.80E-02	2.34E-02	4.99E-02	1.41E-08	9.05E-06	2.45E-05	1.10E-05	7.33E-02
5652	482404.05, 3852767.78	0.0359	0.2513	0.0023	0.003	0.0025	0.0039	0.2516	0.2513	4.88E-02	4.95E-02	1.52E-08	1.95E-05	5.14E-05	2.39E-05	9.84E-02	2.38E-02	4.95E-02	1.52E-08	9.49E-06	2.50E-05	1.16E-05	7.33E-02
5653	482469.4, 3852835.52	0.0367	0.2529	0.0024	0.0032	0.0026	0.0041	0.2528	0.2529	5.00E-02	4.98E-02	1.64E-08	2.05E-05	5.22E-05	2.53E-05	9.99E-02	2.43E-02	4.98E-02	1.64E-08	9.96E-06	2.54E-05	1.23E-05	7.42E-02
5654	482534.75, 3852903.25	0.0389	0.2527	0.0026	0.0034	0.0026	0.0044	0.2525	0.2527	5.30E-02	4.98E-02	1.76E-08	2.16E-05	5.32E-05	2.69E-05	1.03E-01	2.58E-02	4.98E-02	1.76E-08	1.05E-05	2.59E-05	1.31E-05	7.56E-02
5655	482600.11, 3852970.99	0.0417	0.2466	0.0029	0.0036	0.0027	0.0047	0.2475	0.2466	5.68E-02	4.86E-02	1.92E-08	2.30E-05	5.43E-05	2.85E-05	1.05E-01	2.76E-02	4.86E-02	1.92E-08	1.12E-05	2.64E-05	1.39E-05	7.63E-02
5656	482706.71, 3853119.28	0.0438	0.1997	0.0033	0.0041	0.0028	0.0054	0.2026	0.1997	5.96E-02	3.93E-02	2.23E-08	2.66E-05	5.67E-05	3.30E-05	9.91E-02	2.90E-02	3.93E-02	2.23E-08	1.30E-05	2.76E-05	1.61E-05	6.84E-02
5657	482747.96, 3853199.84	0.0447	0.2026	0.0036	0.0045	0.0028	0.006	0.2051	0.2026	6.09E-02	3.99E-02	2.40E-08	2.90E-05	5.79E-05	3.64E-05	1.01E-01	2.96E-02	3.99E-02	2.40E-08	1.41E-05	2.82E-05	1.77E-05	6.96E-02
5658	482789.21, 3853280.4	0.0466	0.1913	0.0038	0.005	0.0029	0.0066	0.1963	0.1913	6.35E-02	3.77E-02	2.59E-08	3.20E-05	5.91E-05	4.06E-05	1.01E-01	3.09E-02	3.77E-02	2.59E-08	1.56E-05	2.88E-05	1.98E-05	6.87E-02
5659	482830.46, 3853360.96	0.0494	0.1614	0.0042	0.0056	0.003	0.0076	0.1757	0.1614	6.72E-02	3.18E-02	2.79E-08	3.57E-05	6.06E-05	4.64E-05	9.91E-02	3.27E-02	3.18E-02	2.79E-08	1.74E-05	2.95E-05	2.26E-05	6.46E-02
5660	482871.71, 3853441.52	0.0523	0.1386	0.0045	0.0063	0.003	0.009	0.1587	0.1386	7.12E-02	2.73E-02	3.02E-08	4.07E-05	6.18E-05	5.50E-05	9.86E-02	3.47E-02	2.73E-02	3.02E-08	1.98E-05	3.01E-05	2.68E-05	6.20E-02
5661	482912.95, 3853522.07	0.0557	0.1209	0.0048	0.0074	0.0031	0.0112	0.1488	0.1209	7.58E-02	2.38E-02	3.24E-08	4.76E-05	6.34E-05	6.87E-05	9.98E-02	3.69E-02	2.38E-02	3.24E-08	2.32E-05	3.09E-05	3.34E-05	6.08E-02
5662	482954.2, 3853602.63	0.0594	0.0995	0.0052	0.009	0.0032	0.015	0.142	0.0995	8.08E-02	1.96E-02	3.48E-08	5.81E-05	6.51E-05	9.15E-05	1.01E-01	3.93E-02	1.96E-02	3.48E-08	2.83E-05	3.17E-05	4.46E-05	5.90E-02
5663	482995.45, 3853683.19	0.0632	0.0832	0.0056	0.0118	0.0033	0.0229	0.1362	0.0832	8.61E-02	1.64E-02	3.74E-08	7.56E-05	6.69E-05	1.40E-04	1.03E-01	4.19E-02	1.64E-02	3.74E-08	3.68E-05	3.26E-05	6.82E-05	5.84E-02
5664	483036.7, 3853763.75	0.0675	0.0714	0.006	0.0172	0.0034	0.0446	0.1313	0.0714	9.19E-02	1.41E-02	4.03E-08	1.10E-04	6.89E-05	2.73E-04	1.06E-01	4.47E-02	1.41E-02	4.03E-08	5.37E-05	3.36E-05	1.33E-04	5.90E-02
5665	483214.2, 3853909.91	0.0787	0.0401	0.0064	0.1346	0.0036	0.2179	0.0733	0.0401	1.07E-01	7.90E-03	4.28E-08	8.66E-04	7.36E-05	1.33E-03	1.17E-01	5.21E-02	7.90E-03	4.28E-08	4.21E-04	3.58E-05	6.49E-04	6.11E-02
5666	483307.01, 3853910.44	0.0742	0.0334	0.0058	0.1116	0.0036	0.1267	0.0569	0.0334	1.01E-01	6.58E-03	3.89E-08	7.18E-04	7.38E-05	7.75E-04	1.09E-01	4.92E-02	6.58E-03	3.89E-08	3.50E-04	3.59E-05	3.77E-04	5.65E-02
5667	483399.83, 3853910.96	0.0694	0.0284	0.0055	0.0846	0.0036	0.0882	0.0467	0.0284	9.44E-02	5.59E-03	3.71E-08	5.44E-04	7.42E-05	5.40E-04	1.01E-01	4.60E-02	5.59E-03	3.71E-08	2.65E-04	3.61E-05	2.63E-04	5.21E-02
5668	483494.52, 3854009.24	0.0791	0.0255	0.0063	0.1388	0.0038	0.0953	0.0517	0.0255	1.08E-01	5.02E-03	4.27E-08	8.93E-04	7.73E-05	5.83E-04	1.14E-01	5.24E-02	5.02E-03	4.27E-08	4.35E-04	3.76E-05	2.84E-04	5.82E-02
5669	483496.41, 3854106.98	0.0835	0.0261	0.0075	0.2864	0.0039	0.1542	0.0758	0.0261	1.14E-01	5.14E-03	5.06E-08	1.84E-03	8.02E-05	9.44E-04	1.22E-01	5.53E-02	5.14E-03	5.06E-08	8.97E-04	3.90E-05	4.59E-04	6.18E-02
5670	483577.56, 3854261.96	0.0861	0.0234	0.01	0.8445	0.0042	0.3706	0.1401	0.0234	1.17E-01	4.61E-03	6.73E-08	5.43E-03	8.59E-05	2.27E-03	1.30E-01	5.71E-02	4.61E-03	6.73E-08	2.64E-03	4.18E-05	1.10E-03	6.55E-02
5671	483656.83, 3854319.19	0.0877	0.0211	0.0122	1.0686	0.0043	0.3573	0.1492	0.0211	1.19E-01	4.15E-03	8.22E-08	6.87E-03	8.71E-05	2.19E-03	1.33E-01	5.81E-02	4.15E-03	8.22E-08	3.35E-03	4.24E-05	1.06E-03	6.67E-02
5672	483736.1, 3854376.41	0.0901	0.0192	0.0171	1.0637	0.0044	0.3421	0.1586	0.0192	1.23E-01	3.78E-03	1.15E-07	6.84E-03	8.91E-05	2.09E-03	1.35E-01	5.97E-02	3.78E-03	1.15E-07	3.33E-03	4.34E-05	1.02E-03	6.79E-02
5673	483815.36, 3854433.64	0.0929	0.0177	0.0223	1.0768	0.0045	0.3287	0.1704	0.0177	1.26E-01	3.49E-03	1.50E-07	6.93E-03	9.12E-05	2.01E-03	1.39E-01	6.16E-02	3.49E-03	1.50E-07	3.37E-03	4.44E-05	9.79E-04	6.94E-02
5674	483894.63, 3854490.87	0.0962	0.0165	0.0292	1.0916	0.0046	0.3148	0.1838	0.0165	1.31E-01	3.24E-03	1.97E-07	7.02E-03	9.32E-05	1.93E-03	1.43E-01	6.38E-02	3.24E-03	1.97E-07	3.42E-03	4.54E-05	9.37E-04	7.14E-02
5675	483973.9, 3854548.09	0.1003	0.0155	0.0379	1.0955	0.0047	0.2988	0.1974	0.0155	1.37E-01	3.05E-03	2.55E-07	7.05E-03	9.54E-05	1.83E-03	1.49E-01	6.65E-02	3.05E-03	2.55E-07	3.43E-03	4.65E-05	8.90E-04	7.39E-02
5676	484053.17, 3854605.32	0.1042	0.0149	0.0469	1.1205	0.0048	0.2901	0.2184	0.0149	1.42E-01	2.94E-03	3.16E-07	7.21E-03	9.81E-05	1.77E-03	1.54E-01	6.91E-02	2.94E-03	3.16E-07	3.51E-03	4.78E-05	8.64E-04	7.64E-02
5677	484214.97, 3854698.15	0.1061	0.014	0.055	1.0553	0.0051	0.2443	0.2255	0.014	1.44E-01	2.76E-03	3.71E-07	6.79E-03	1.03E-04	1.49E-03	1.56E-01	7.03E-02	2.76E-03	3.71E-07	3.30E-03	5.01E-05	7.27E-04	7.71E-02
5678	484297.5, 3854733.74	0.1055	0.0138	0.0553	1.1038	0.0052	0.2453	0.2293	0.0138	1.44E-01	2.72E-03	3.72E-07	7.10E-03	1.06E-04	1.50E-03	1.55E-01	6.99E-02	2.72E-03	3.72E-07	3.46E-03	5.14E-05	7.31E-04	7.69E-02
5679	484380.03, 3854769.34	0.1074	0.0135	0.0532	1.1699	0.0053	0.2367	0.2252	0.0135	1.46E-01	2.65E-03	3.58E-07	7.53E-03	1.08E-04	1.45E-03	1.58E-01	7.12E-02	2.65E-03	3.58E-07	3.66E-03	5.27E-05	7.05E-04	7.82E-02
5680	484462.56, 3854804.94	0.1085	0.0134	0.0508	1.2417	0.0055	0.2312	0.2239	0.0134	1.48E-01	2.64E-03	3.42E-07	7.99E-03	1.11E-04	1.41E-03	1.60E-01	7.19E-02	2.64E-03	3.42E-07	3.89E-03	5.41E-05	6.89E-04	7.92E-02
5681	484545.09, 3854840.53	0.1106	0.013	0.0462	1.1355	0.0056	0.2187	0.2153	0.013	1.51E-01	2.57E-03	3.11E-07	7.30E-03	1.14E-04	1.34E-03	1.62E-01	7.33E-02	2.57E-03	3.11E-07	3.56E-03	5.55E-05	6.51E-04	8.01E-02
5682	484691.88, 3854912.58	0.1112	0.0131	0.0391	1.0154	0.006	0.2301	0.2264	0.0131	1.51E-01	2.57E-03	2.63E-07	6.53E-03	1.22E-04	1.41E-03	1.62E-01	7.37E-02	2.57E-03	2.63E-07	3.18E-03	5.92E-05	6.85E-04	8.02E-02
5683	484830.81, 3855012.51	0.109	0.0132	0.0317	1.0297	0.0065	0.2445	0.1912	0.0132	1.48E-01	2.61E-03	2.14E-07	6.62E-03	1.32E-04	1.50E-03	1.59E-01	7.22E-02	2.61E-03	2.14E-07	3.22E-03	6.41E-05	7.28E-04	7.89E-02
5684	484905.48, 3855075.97	0.1082	0.0138	0.0283	1.0539	0.0068	0.2342	0.1767	0.0138	1.47E-01	2.71E-03	1.90E-07	6.78E-03	1.39E-04	1.43E-03	1.58E-01	7.17E-02	2.71E-03	1.90E-07	3.30E-03	6.76E-05	6.97E-04	7.85E-02
5685	484980.14, 3855139.44	0.1078	0.014	0.0253	1.0711	0.0072	0.2316	0.1674	0.014	1.47E-01	2.77E-03	1.70E-07	6.89E-03	1.46E-04	1.42E-03	1.58E-01	7.14E-02	2.77E-03	1.70E-07	3.35E-03	7.13E-05	6.90E-04	7.83E-02
5686	485054.81, 3855202.91	0.1079	0.0141	0.0231	0.9062	0.0076	0.2247	0.1581	0.0141	1.47E-01	2.79E-03	1.56E-07	5.83E-03	1.54E-04	1.37E-03	1.57E-01	7.15E-02	2.79E-03	1.56E-07	2.84E-03	7.51E-05	6.69E-04	7.78E-02
5687	485129.48, 3855266.37	0.1087	0.014	0.0215	0.7953	0.008	0.2159	0.1465	0.014	1.48E-01	2.75E-03	1.45E-07	5.12E-03	1.62E-04	1.32E-03	1.57E-01	7.20E-02	2.75E-03	1.45E-07	2.49E-03	7.89E-05	6.43E-04	7.80E-02
5688	485204.15, 3855329.84	0.1079	0.0143	0.0216	0.9056	0.0084	0.2207	0.1443	0.0143	1.47E-01	2.82E-03	1.46E-07	5.83E-03	1.72E-04	1.35E-03	1.57E-01	7.15E-02	2.82E-03	1.46E-07	2.84E-03	8.38E-05	6.57E-04	7.79E-02
5689	485278.82, 3855393.31	0.1079	0.0144	0.0226	0.8142	0.009	0.2153	0.1372	0.0144	1.47E-01	2.83E-03	1.52E-07	5.24E-03	1.83E-04	1.32E-03	1.56E-01	7.15E-02	2.83E-03	1.52E-07	2.55E-03	8.88E-05	6.41E-04	7.76E-02
5690	485353.48, 3855456.77	0.1074	0.0146	0.0234	0.8666	0.0095	0.2152	0.132	0.0146	1.46E-01	2.87E-03	1.57E-07	5.57E-03	1.95E-04	1.32E-03	1.56E-01	7.12E-02	2.87E-03	1.57E-07	2.71E-03	9.47E-05	6.41E-04	7.75E-02
5691	485428.15, 3855520.24	0.1075	0.0146	0.026	0.6526	0.0102	0.2097	0.1256	0.0146	1.46E-01	2.88E-03	1.75E-07	4.20E-03	2.07E-04	1.28E-03	1.55E-01	7.12E-02	2.88E-03	1.75E-07	2.04E-03	1.01E-04	6.25E-04	7.69E-02
5692	485502.82, 3855583.71	0.1073	0.0147	0.0297	0.8804	0.0109	0.2075	0.1206	0.0147	1.46E-01	2.90E-03	2.00E-07	5.66E-03	2.22E-04	1.27E-03	1.56E-01	7.11E-02	2.90E-03	2.00E-07	2.76E-03	1.08E-04	6.18E-04	7.75E-02
5693	485577.49, 3855647.17	0.1066	0.0151	0.0347	0.6184	0.0117	0.2069	0.1175	0.0151	1.45E-01	2.97E-03	2.33E-07	3.98E-03	2.39E-04	1.27E-03	1.54E-01	7.06E-02	2.97E-03	2.33E-07	1.94E-03	1.16E-04	6.16E-04	7.62E-02
5694	485652.16, 3855710.64	0.1059	0.0154	0.0418	0.8637	0.0128	0.2048	0.1143	0.0154	1.44E-01	3.03E-03	2.81E-07	5.56E-03	2.60E-04	1.25E-03	1.54E-01	7.01E-02	3.03E-03	2.81E-07	2.70E-03	1.27E-04	6.10E-04	7.66E-02
5695	485726.83, 3855774.1	0.1056	0.0155	0.0476	0.6099	0.0138	0.2008	0.1097	0.0155	1.44E-01	3.05E-03	3.20E-07	3.92E-03	2.81E-04	1.23E-03	1.52E-01	7.00E-02	3.05E-03	3.20E-07	1.91E-03	1.37E-04	5.98E-04	7.57E-02
5696	485801.49, 3855837.57	0.1056	0.0154	0.0514	0.7108	0.015	0.1967	0.1048	0.0154	1.44E-01	3.04E-03	3.46E-07	4.57E-03	3.06E-04	1.20E-03	1.53E-01	7.00E-02	3.04E-03	3.46E-07	2.23E-03	1.49E-04	5.86E-04	7.60E-02
5697	485876.16, 3855901.04	0.1054	0.0155	0.053	0.582	0.0164	0.1969	0.1017	0.0155	1.43E-01	3.06E-03	3.57E-07	3.74E-03	3.34E-04	1.20E-03	1.52E-01	6.98E-02	3.06E-03	3.57E-07	1.82E-03	1.63E-04	5.87E-04	7.55E-02
5698	485950.83, 3855964.5	0.1053	0.0155	0.0513	0.6748	0.018	0.1939	0.0984	0.0155	1.43E-01	3.05E-03	3.45E-07	4.34E-03	3.67E-04	1.19E-03	1.52E-01	6.98E-02	3.05E-03	3.45E-07	2.11E-03	1.79E-04	5.77E-04	7.57E-02
5699	486025.5, 3856027.97	0.1055	0.0153	0.0465	0.5619	0.0198	0.1912	0.0944	0.0153	1.44E-01	3.02E-03	3.13E-07	3.61E-03	4.03E-04	1.17E-03	1.52E-01	6.99E-02	3.02E-03	3.13E-07	1.76E-03	1.96E-04	5.69E-04	7.55E-02
5700	486100.17, 3856091.44	0.1044	0.0157	0.042	0.6418	0.0222	0.1901	0.0941	0.0157	1.42E-01	3.10E-03	2.83E-07	4.13E-03	4.52E-04	1.16E-03	1.51E-01	6.92E-02	3.10E-03	2.83E-07	2.01E-03	2.20E-04	5.66E-04	7.51E-02

5701	486174.83, 3856154.9	0.1047	0.0155	0.0357	0.5589	0.0248	0.1855	0.0895	0.0155	1.43E-01	3.05E-03	2.41E-07	3.59E-03	5.05E-04	1.13E-03	1.51E-01	6.94E-02	3.05E-03	2.41E-07	1.75E-03	2.46E-04	5.52E-04	7.50E-02
5702	486249.5, 3856218.37	0.1057	0.015	0.0296	0.5915	0.0275	0.1811	0.084	0.015	1.44E-01	2.95E-03	1.99E-07	3.80E-03	5.61E-04	1.11E-03	1.52E-01	7.01E-02	2.95E-03	1.99E-07	1.85E-03	2.73E-04	5.39E-04	7.57E-02
5703	486324.17, 3856281.84	0.1065	0.0146	0.0249	0.5657	0.031	0.1814	0.0816	0.0146	1.45E-01	2.88E-03	1.67E-07	3.64E-03	6.32E-04	1.11E-03	1.53E-01	7.06E-02	2.88E-03	1.67E-07	1.77E-03	3.08E-04	5.40E-04	7.61E-02
5704	486398.84, 3856345.3	0.1056	0.0148	0.022	0.58	0.0358	0.1816	0.0824	0.0148	1.44E-01	2.91E-03	1.48E-07	3.73E-03	7.30E-04	1.11E-03	1.52E-01	7.00E-02	2.91E-03	1.48E-07	1.82E-03	3.55E-04	5.41E-04	7.56E-02
5705	486473.51, 3856408.77	0.1051	0.0148	0.0195	0.5613	0.0417	0.1808	0.0808	0.0148	1.43E-01	2.92E-03	1.31E-07	3.61E-03	8.51E-04	1.11E-03	1.52E-01	6.96E-02	2.92E-03	1.31E-07	1.76E-03	4.14E-04	5.38E-04	7.53E-02
5706	486548.17, 3856472.24	0.104	0.015	0.0177	0.5695	0.0497	0.1795	0.0801	0.015	1.42E-01	2.96E-03	1.19E-07	3.66E-03	1.01E-03	1.10E-03	1.50E-01	6.89E-02	2.96E-03	1.19E-07	1.78E-03	4.93E-04	5.34E-04	7.47E-02
5707	486622.84, 3856535.7	0.1029	0.0152	0.0162	0.8212	0.0602	0.1772	0.0789	0.0152	1.40E-01	3.00E-03	1.09E-07	5.28E-03	1.23E-03	1.08E-03	1.51E-01	6.82E-02	3.00E-03	1.09E-07	2.57E-03	5.97E-04	5.28E-04	7.49E-02
5708	486765.48, 3856659.69	0.101	0.0158	0.0139	0.5822	0.0945	0.1771	0.0756	0.0158	1.37E-01	3.12E-03	9.37E-08	3.74E-03	1.93E-03	1.08E-03	1.47E-01	6.69E-02	3.12E-03	9.37E-08	1.82E-03	9.38E-04	5.27E-04	7.33E-02
5709	486833.44, 3856720.2	0.1006	0.0161	0.0132	1.0572	0.1224	0.1796	0.0745	0.0161	1.37E-01	3.17E-03	8.86E-08	6.80E-03	2.50E-03	1.10E-03	1.51E-01	6.67E-02	3.17E-03	8.86E-08	3.31E-03	1.22E-03	5.35E-04	7.49E-02
5710	486901.41, 3856780.72	0.1001	0.0164	0.0127	1.028	0.1668	0.1818	0.0734	0.0164	1.36E-01	3.23E-03	8.55E-08	6.61E-03	3.40E-03	1.11E-03	1.51E-01	6.63E-02	3.23E-03	8.55E-08	3.22E-03	1.66E-03	5.41E-04	7.50E-02
5711	486969.38, 3856841.24	0.0996	0.0167	0.0124	0.9936	0.2441	0.1839	0.0725	0.0167	1.36E-01	3.29E-03	8.33E-08	6.39E-03	4.98E-03	1.13E-03	1.51E-01	6.60E-02	3.29E-03	8.33E-08	3.11E-03	2.42E-03	5.48E-04	7.54E-02
5712	487037.34, 3856901.75	0.0992	0.017	0.0122	0.9615	0.4072	0.1855	0.0718	0.017	1.35E-01	3.35E-03	8.18E-08	6.18E-03	8.31E-03	1.13E-03	1.54E-01	6.58E-02	3.35E-03	8.18E-08	3.01E-03	4.04E-03	5.52E-04	7.67E-02
5713	487271.23, 3856855.51	0.0653	0.0151	0.0113	0.1284	1.4733	0.0673	0.0399	0.0151	8.89E-02	2.97E-03	7.64E-08	8.26E-04	3.00E-02	4.11E-04	1.23E-01	4.33E-02	2.97E-03	7.64E-08	4.02E-04	1.46E-02	2.00E-04	6.15E-02
5714	487368.95, 3856857.29	0.0599	0.0146	0.011	0.0993	1.7726	0.057	0.0349	0.0146	8.15E-02	2.87E-03	7.38E-08	6.39E-04	3.62E-02	3.49E-04	1.22E-01	3.97E-02	2.87E-03	7.38E-08	3.11E-04	1.76E-02	1.70E-04	6.06E-02
5715	487466.68, 3856859.06	0.0554	0.0142	0.0109	0.0814	1.8454	0.0499	0.0311	0.0142	7.55E-02	2.80E-03	7.33E-08	5.23E-04	3.76E-02	3.05E-04	1.17E-01	3.67E-02	2.80E-03	7.33E-08	2.55E-04	1.83E-02	1.49E-04	5.83E-02
5716	487636.44, 3856930	0.0516	0.0141	0.0104	0.0697	2.3985	0.0455	0.0281	0.0141	7.02E-02	2.77E-03	7.00E-08	4.48E-04	4.89E-02	2.78E-04	1.23E-01	3.42E-02	2.77E-03	7.00E-08	2.18E-04	2.38E-02	1.35E-04	6.11E-02
5717	487709.57, 3856928.43	0.0491	0.0138	0.0103	0.0625	2.2848	0.0423	0.0261	0.0138	6.68E-02	2.72E-03	6.92E-08	4.02E-04	4.66E-02	2.59E-04	1.17E-01	3.25E-02	2.72E-03	6.92E-08	1.96E-04	2.27E-02	1.26E-04	5.82E-02
5718	487782.55, 3856841.96	0.0449	0.0129	0.0106	0.0511	1.354	0.0362	0.0228	0.0129	6.11E-02	2.54E-03	7.14E-08	3.28E-04	2.76E-02	2.22E-04	9.18E-02	2.98E-02	2.54E-03	7.14E-08	1.60E-04	1.34E-02	1.08E-04	4.60E-02
5719	487849.83, 3856754.74	0.0417	0.0121	0.0109	0.0436	1.0265	0.0319	0.0203	0.0121	5.68E-02	2.39E-03	7.37E-08	2.80E-04	2.09E-02	1.95E-04	8.06E-02	2.77E-02	2.39E-03	7.37E-08	1.36E-04	1.02E-02	9.51E-05	4.05E-02
5720	487918.03, 3856819.39	0.0414	0.0124	0.0107	0.0438	1.4935	0.0324	0.0203	0.0124	5.64E-02	2.44E-03	7.18E-08	2.82E-04	3.05E-02	1.98E-04	8.97E-02	2.74E-02	2.44E-03	7.18E-08	1.37E-04	1.48E-02	9.65E-05	4.49E-02
5721	487918.8, 3856886.37	0.0426	0.0128	0.0104	0.0468	1.7726	0.0344	0.0213	0.0128	5.80E-02	2.53E-03	7.03E-08	3.01E-04	3.62E-02	2.10E-04	9.72E-02	2.82E-02	2.53E-03	7.03E-08	1.47E-04	1.76E-02	1.02E-04	4.86E-02
5722	488065.46, 3857127.5	0.0445	0.014	0.0114	0.0533	2.3662	0.0395	0.0231	0.014	6.06E-02	2.76E-03	7.66E-08	3.43E-04	4.83E-02	2.42E-04	1.12E-01	2.95E-02	2.76E-03	7.66E-08	1.67E-04	2.35E-02	1.18E-04	5.60E-02
5723	488192.19, 3857385.83	0.0481	0.0162	0.0171	0.0653	2.0103	0.0495	0.0261	0.0162	6.55E-02	3.18E-03	1.15E-07	4.20E-04	4.10E-02	3.03E-04	1.10E-01	3.19E-02	3.18E-03	1.15E-07	2.05E-04	2.00E-02	1.47E-04	5.54E-02
5724	488191.21, 3857473.87	0.0513	0.0174	0.0218	0.0757	1.8631	0.0566	0.0285	0.0174	6.98E-02	3.42E-03	1.47E-07	4.87E-04	3.80E-02	3.46E-04	1.12E-01	3.40E-02	3.42E-03	1.47E-07	2.37E-04	1.85E-02	1.69E-04	5.63E-02
5725	488190.24, 3857561.9	0.0552	0.0188	0.0285	0.0903	1.6702	0.0664	0.0316	0.0188	7.51E-02	3.70E-03	1.92E-07	5.81E-04	3.41E-02	4.06E-04	1.14E-01	3.66E-02	3.70E-03	1.92E-07	2.83E-04	1.66E-02	1.98E-04	5.73E-02
5726	488158.35, 3857691.13	0.0653	0.0215	0.0463	0.1404	1.1127	0.0979	0.0394	0.0215	8.89E-02	4.24E-03	3.12E-07	9.03E-04	2.27E-02	5.99E-04	1.17E-01	4.33E-02	4.24E-03	3.12E-07	4.40E-04	1.10E-02	2.92E-04	5.93E-02
5727	488208.37, 3857816.66	0.0738	0.0241	0.0739	0.1989	0.2008	0.1535	0.045	0.0241	1.00E-01	4.75E-03	4.97E-07	1.28E-03	4.10E-03	9.39E-04	1.11E-01	4.89E-02	4.75E-03	4.97E-07	6.23E-04	1.99E-03	4.57E-04	5.67E-02
5728	488271.97, 3857874.6	0.0742	0.025	0.0811	0.1996	0.1178	0.1604	0.0448	0.025	1.01E-01	4.92E-03	5.46E-07	1.28E-03	2.40E-03	9.81E-04	1.11E-01	4.92E-02	4.92E-03	5.46E-07	6.25E-04	1.17E-03	4.78E-04	5.63E-02
5729	488463.56, 3857942.31	0.0645	0.0245	0.0708	0.1309	0.0849	0.1131	0.0374	0.0245	8.79E-02	4.82E-03	4.77E-07	8.42E-04	1.73E-03	6.92E-04	9.59E-02	4.28E-02	4.82E-03	4.77E-07	4.10E-04	8.43E-04	3.37E-04	4.92E-02
5730	488554.83, 3857940.83	0.0592	0.0233	0.0635	0.1043	0.0854	0.0949	0.0333	0.0233	8.06E-02	4.58E-03	4.27E-07	6.71E-04	1.74E-03	5.80E-04	8.82E-02	3.92E-02	4.58E-03	4.27E-07	3.27E-04	8.48E-04	2.83E-04	4.53E-02
5731	488646.1, 3857939.36	0.0553	0.0222	0.0574	0.088	0.085	0.0824	0.03	0.0222	7.53E-02	4.37E-03	3.86E-07	5.66E-04	1.73E-03	5.04E-04	8.25E-02	3.67E-02	4.37E-03	3.86E-07	2.75E-04	8.43E-04	2.45E-04	4.24E-02
5732	488737.37, 3857937.88	0.0525	0.0212	0.0522	0.0771	0.0842	0.0734	0.0274	0.0212	7.14E-02	4.17E-03	3.52E-07	4.96E-04	1.72E-03	4.49E-04	7.82E-02	3.48E-02	4.17E-03	3.52E-07	2.41E-04	8.36E-04	2.19E-04	4.02E-02
5733	488733.59, 3857960.57	0.0539	0.0217	0.0524	0.0805	0.0771	0.0757	0.0281	0.0217	7.33E-02	4.27E-03	3.53E-07	5.18E-04	1.57E-03	4.63E-04	8.02E-02	3.57E-02	4.27E-03	3.53E-07	2.52E-04	7.66E-04	2.25E-04	4.12E-02
5734	488638.09, 3857961.57	0.057	0.0228	0.058	0.0933	0.0776	0.086	0.031	0.0228	7.75E-02	4.49E-03	3.91E-07	6.00E-04	1.58E-03	5.26E-04	8.47E-02	3.77E-02	4.49E-03	3.91E-07	2.92E-04	7.71E-04	2.56E-04	4.36E-02
5735	488542.6, 3857962.56	0.0614	0.024	0.0648	0.1133	0.0778	0.1005	0.0348	0.024	8.35E-02	4.73E-03	4.36E-07	7.29E-04	1.59E-03	6.15E-04	9.12E-02	4.07E-02	4.73E-03	4.36E-07	3.55E-04	7.72E-04	2.99E-04	4.68E-02
5736	488447.1, 3857963.56	0.0677	0.0253	0.073	0.1479	0.077	0.1228	0.0396	0.0253	9.21E-02	4.99E-03	4.91E-07	9.52E-04	1.57E-03	7.51E-04	1.00E-01	4.48E-02	4.99E-03	4.91E-07	4.63E-04	7.64E-04	3.66E-04	5.14E-02
5737	488254.28, 3857890.36	0.0786	0.0257	0.0858	0.2392	0.1035	0.182	0.0476	0.0257	1.07E-01	5.06E-03	5.77E-07	1.54E-03	2.11E-03	1.11E-03	1.17E-01	5.21E-02	5.06E-03	5.77E-07	7.49E-04	1.03E-03	5.42E-04	5.95E-02
5738	488191.69, 3857833.06	0.0781	0.0248	0.0789	0.2381	0.1643	0.1792	0.0478	0.0248	1.06E-01	4.88E-03	5.31E-07	1.53E-03	3.35E-03	1.10E-03	1.17E-01	5.18E-02	4.88E-03	5.31E-07	7.46E-04	1.63E-03	5.34E-04	5.96E-02
5739	488129.5, 3857907.43	0.1114	0.0284	0.1053	1.0267	0.0785	0.4416	0.0651	0.0284	1.52E-01	5.60E-03	7.09E-07	6.60E-03	1.60E-03	2.70E-03	1.68E-01	7.38E-02	5.60E-03	7.09E-07	3.21E-03	7.80E-04	1.32E-03	8.47E-02
5740	488196.47, 3857968.73	0.1123	0.0298	0.1055	1.0328	0.0632	0.4025	0.0647	0.0298	1.53E-01	5.86E-03	7.10E-07	6.64E-03	1.29E-03	2.46E-03	1.69E-01	7.44E-02	5.86E-03	7.10E-07	3.23E-03	6.28E-04	1.20E-03	8.53E-02
5741	488263.44, 3858030.04	0.1133	0.0311	0.0944	1.0317	0.0535	0.3926	0.064	0.0311	1.54E-01	6.13E-03	6.36E-07	6.64E-03	1.09E-03	2.40E-03	1.71E-01	7.51E-02	6.13E-03	6.36E-07	3.23E-03	5.31E-04	1.17E-03	8.61E-02
5742	488400.64, 3858132.9	0.1112	0.033	0.0651	0.6805	0.0432	0.3072	0.0596	0.033	1.51E-01	6.51E-03	4.39E-07	4.38E-03	8.81E-04	1.88E-03	1.65E-01	7.37E-02	6.51E-03	4.39E-07	2.13E-03	4.29E-04	9.15E-04	8.36E-02
5743	488519.89, 3858218.38	0.1122	0.0354	0.0481	0.495	0.0363	0.2521	0.0578	0.0354	1.53E-01	6.97E-03	3.24E-07	3.18E-03	7.40E-04	1.54E-03	1.65E-01	7.44E-02	6.97E-03	3.24E-07	1.55E-03	3.60E-04	7.51E-04	8.40E-02
5744	488647.97, 3858214.99	0.097	0.0316	0.0426	0.2006	0.0367	0.1387	0.0448	0.0316	1.32E-01	6.22E-03	2.87E-07	1.29E-03	7.49E-04	8.48E-04	1.41E-01	6.43E-02	6.22E-03	2.87E-07	6.28E-04	3.64E-04	4.13E-04	7.19E-02
5745	488727.05, 3858167.67	0.0854	0.0278	0.0427	0.1296	0.0405	0.1023	0.0369	0.0278	1.16E-01	5.48E-03	2.88E-07	8.33E-04	8.26E-04	6.26E-04	1.24E-01	5.66E-02	5.48E-03	2.88E-07	4.06E-04	4.02E-04	3.05E-04	6.32E-02
5746	488806.12, 3858120.35	0.0781	0.0249	0.0426	0.0986	0.0455	0.0838	0.0315	0.0249	1.06E-01	4.90E-03	2.87E-07	6.34E-04	9.28E-04	5.13E-04	1.13E-01	5.17E-02	4.90E-03	2.87E-07	3.09E-04	4.51E-04	2.50E-04	5.76E-02
5747	488885.2, 3858073.03	0.0728	0.0225	0.042	0.0814	0.0521	0.0721	0.0275	0.0225	9.90E-02	4.44E-03	2.83E-07	5.24E-04	1.06E-03	4.41E-04	1.06E-01	4.82E-02	4.44E-03	2.83E-07	2.55E-04	5.18E-04	2.15E-04	5.36E-02
5748	489055.76, 3857991.17	0.067	0.0191	0.0384	0.0632	0.0673	0.057	0.0221	0.0191	9.12E-02	3.76E-03	2.59E-07	4.06E-04	1.37E-03	3.49E-04	9.71E-02	4.44E-02	3.76E-03	2.59E-07	1.98E-04	6.68E-04	1.70E-04	4.92E-02
5749	489245.39, 3857944.54	0.0679	0.0169	0.0339	0.0538	0.0757	0.0477	0.0189	0.0169	9.24E-02	3.32E-03	2.28E-07	3.46E-04	1.54E-03	2.92E-04	9.79E-02	4.50E-02	3.32E-03	2.28E-07	1.69E-04	7.51E-04	1.42E-04	4.94E-02
5750	489430.63, 3857930.91	0.0696	0.0156	0.0303	0.0499	0.0752	0.0422	0.0169	0.0156	9.47E-02	3.07E-03	2.04E-07	3.21E-04	1.53E-03	2.58E-04	9.99E-02	4.61E-02	3.07E-03	2.04E-07	1.56E-04	7.47E-04	1.26E-04	5.02E-02
5751	489517.74, 3857929.36	0.0694	0.0151	0.0285	0.0492	0.0739	0.0402	0.0162	0.0151	9.45E-02	2.97E-03	1.92E-07	3.16E-04	1.51E-03	2.46E-04	9.95E-02	4.60E-02	2.97E-03	1.92E-07	1.54E-04	7.34E-04	1.20E-04	5.00E-02
5752	489604.85, 3857927.82	0.0684	0.0146	0.0267	0.0487	0.0727	0.0384	0.0155	0.0146	9.31E-02	2.88E-03	1.80E-07	3.13E-04	1.48E-03	2.35E-04	9.80E-02	4.53E-02	2.88E-03	1.80E-07	1.52E-04	7.22E-04	1.14E-04	4.92E-02
5753	489691.97, 3857926.28	0.067	0.0142	0.0252	0.0479	0.0713	0.0368	0.015	0.0142	9.12E-02	2.80E-03	1.70E-07	3.08E-04	1.45E-03	2.25E-04	9.60E-02	4.44E-02	2.80E-03	1.70E-07	1.50E-04	7.08E-04	1.10E-04	4.82E-02
5754	489779.08, 3857924.73	0.0655	0.0138	0.0237	0.0477	0.0699	0.0354	0.0144	0.0138	8.92E-02	2.72E-03	1.60E-07	3.07E-04	1.43E-03	2.16E-04	9.38E-02	4.34E-02	2.72E-03	1.60E-07	1.49E-04	6.94E-04	1.05E-04	4.71E-02
5755	490017.55, 3857875.08	0.0532	0.0125	0.0208	0.0448	0.0712	0.0312	0.0129	0.0125	7.24E-02	2.46E-03	1.40E-07	2.88E-04	1.45E-03	1.91E-04	7.68E-02	3.52E-02	2.46E-03	1.40E-07	1.40E-04	7.07E-04	9.29E-05	3.86E-02
5756	490033.82, 3857960.81	0.0523	0.0131	0.0203	0.0536	0.061	0.0323	0.0133	0.0131	7.12E-02	2.57E-03	1.37E-07	3.45E-04	1.24E-03	1.98E-04	7.56E-02	3.47E-02	2.57E-03	1.37E-07	1.68E-04	6.05E-04	9.63E-05	3.81E-02
5757	489959.15, 3857987.49	0.0521	0.0136	0.021	0.0569	0.0588	0.0339	0.0139	0.0136	7.09E-02	2.68E-03	1.41E-07	3.66E-04	1.20E-03	2.07E-04	7.54E-02	3.45E-02	2.68E-03	1.41E-07	1.78E-04	5.84E-04	1.01E-04	3.81E-02
5758	489791.49, 3858016.12	0.0498	0.0145	0.0228	0.0593	0.0576	0.0367	0.015	0.0145	6.78E-02	2.86E-03	1.53E-07	3.81E-04	1.17E-03	2.25E-04	7.25E-02	3.30E-02	2.86E-03	1.53E-07	1.86E-04	5.72E-04	1.09E-04	3.67E-02
5759	489698.51, 3858018.07	0.0519	0.015	0.0243	0.0579	0.0582	0.0385	0.0156	0.015	7.07E-02	2.95E-03	1.64E-07	3.72E-04	1.19E-03	2.35E-04	7.54E-02	3.44E-02	2.95E-03	1.64E-07	1.81E-04	5.77E-04	1.15E-04	3.82E-02
5760	489605.52, 3858020.01	0.054	0.0155	0.026	0.0579	0.0586	0.0404	0.0163	0.0155	7.36E-02	3.06E-03	1.75E-07	3.72E-04	1.20E-03	2.47E-04	7.84E-02	3.58E-02	3.06E-03	1.75E-07	1.81E-04	5.82E-04	1.20E-04	3.98E-02
5761	489512.53, 3858021.96	0.0562	0.0161	0.0277	0.0582	0.059	0.0426	0.0171	0.0161	7.66E-02	3.17E-03	1.87E-07	3.74E-04	1.20E-03	2.60E-04	8.16E-02	3.73E-02	3.17E-03	1.87E-07	1.82E-04	5.86E-04	1.27E-04	4.13E-02
5762	489419.55, 3858023.91	0.0587	0.0167	0.0296	0.0585	0.0593	0.0451	0.018	0.0167	7.99E-02	3.30E-03	1.99E-07	3.76E-04	1.21E-03	2.76E-04	8.51E-02	3.89E-02	3.30E-03	1.99E-07	1.83E-04	5.88E-04	1.34E-04	4.31E-02

5763	489228.47, 3858041.29	0.0651	0.0183	0.0326	0.0625	0.0579	0.0514	0.0203	0.0183	8.86E-02	3.60E-03	2.19E-07	4.02E-04	1.18E-03	3.14E-04	9.41E-02	4.31E-02	3.60E-03	2.19E-07	1.96E-04	5.74E-04	1.53E-04	4.76E-02
5764	489065.75, 3858085.78	0.0699	0.0207	0.0354	0.0722	0.0507	0.0609	0.0237	0.0207	9.52E-02	4.07E-03	2.38E-07	4.65E-04	1.03E-03	3.73E-04	1.01E-01	4.63E-02	4.07E-03	2.38E-07	2.26E-04	5.04E-04	1.81E-04	5.13E-02
5765	489001.12, 3858114.86	0.0741	0.022	0.0362	0.0787	0.0466	0.0664	0.0257	0.022	1.01E-01	4.34E-03	2.43E-07	5.06E-04	9.50E-04	4.06E-04	1.07E-01	4.91E-02	4.34E-03	2.43E-07	2.46E-04	4.63E-04	1.98E-04	5.44E-02
5766	488861.89, 3858189.81	0.0837	0.0259	0.0365	0.1049	0.0384	0.0847	0.0321	0.0259	1.14E-01	5.11E-03	2.46E-07	6.75E-04	7.83E-04	5.18E-04	1.21E-01	5.55E-02	5.11E-03	2.46E-07	3.29E-04	3.81E-04	2.52E-04	6.15E-02
5767	488787.29, 3858235.69	0.0895	0.0292	0.0363	0.1371	0.0347	0.1037	0.0375	0.0292	1.22E-01	5.75E-03	2.45E-07	8.82E-04	7.08E-04	6.34E-04	1.30E-01	5.93E-02	5.75E-03	2.45E-07	4.29E-04	3.45E-04	3.09E-04	6.61E-02
5768	488712.68, 3858281.57	0.0976	0.0331	0.0359	0.2094	0.0322	0.1402	0.0453	0.0331	1.33E-01	6.51E-03	2.42E-07	1.35E-03	6.56E-04	8.58E-04	1.42E-01	6.47E-02	6.51E-03	2.42E-07	6.55E-04	3.19E-04	4.17E-04	7.26E-02
5769	488654.39, 3858436.17	0.1054	0.0477	0.028	0.5223	0.0252	0.353	0.0753	0.0477	1.43E-01	9.40E-03	1.88E-07	3.36E-03	5.13E-04	2.16E-03	1.59E-01	6.98E-02	9.40E-03	1.88E-07	1.64E-03	2.50E-04	1.05E-03	8.22E-02
5770	488726.3, 3858505.26	0.0955	0.0514	0.0239	0.4824	0.0229	0.317	0.076	0.0514	1.30E-01	1.01E-02	1.61E-07	3.10E-03	4.67E-04	1.94E-03	1.46E-01	6.33E-02	1.01E-02	1.61E-07	1.51E-03	2.28E-04	9.44E-04	7.61E-02
5771	488880.6, 3858599.28	0.1	0.0527	0.0203	0.8077	0.02	0.4136	0.0662	0.0527	1.36E-01	1.04E-02	1.37E-07	5.20E-03	4.08E-04	2.53E-03	1.55E-01	6.63E-02	1.04E-02	1.37E-07	2.53E-03	1.99E-04	1.23E-03	8.06E-02
5772	489008.06, 3858714.75	0.0693	0.0599	0.0186	1.1102	0.0172	0.4086	0.0698	0.0599	9.43E-02	1.18E-02	1.25E-07	7.14E-03	3.50E-04	2.50E-03	1.16E-01	4.59E-02	1.18E-02	1.25E-07	3.48E-03	1.71E-04	1.22E-03	6.26E-02
5773	489071.48, 3858772.72	0.065	0.0644	0.0186	0.8705	0.016	0.4079	0.0737	0.0644	8.85E-02	1.27E-02	1.25E-07	5.60E-03	3.26E-04	2.50E-03	1.10E-01	4.31E-02	1.27E-02	1.25E-07	2.73E-03	1.59E-04	1.21E-03	5.99E-02
5774	489244.59, 3858920.19	0.0625	0.078	0.0219	1.3763	0.0134	0.387	0.0834	0.078	8.50E-02	1.54E-02	1.48E-07	8.85E-03	2.72E-04	2.37E-03	1.12E-01	4.14E-02	1.54E-02	1.48E-07	4.31E-03	1.33E-04	1.15E-03	6.23E-02
5775	489239.69, 3858952.23	0.0662	0.0908	0.0232	0.9819	0.0131	0.3287	0.0979	0.0908	9.02E-02	1.79E-02	1.56E-07	6.32E-03	2.67E-04	2.01E-03	1.17E-01	4.39E-02	1.79E-02	1.56E-07	3.07E-03	1.30E-04	9.79E-04	6.60E-02
5776	489121.67, 3858854.49	0.066	0.0786	0.0195	0.6605	0.0147	0.2975	0.09	0.0786	8.99E-02	1.55E-02	1.31E-07	4.25E-03	3.00E-04	1.82E-03	1.12E-01	4.38E-02	1.55E-02	1.31E-07	2.07E-03	1.46E-04	8.86E-04	6.23E-02
5777	489059.59, 3858797.27	0.0671	0.0719	0.0187	0.6	0.0158	0.2976	0.0842	0.0719	9.13E-02	1.42E-02	1.26E-07	3.86E-03	3.22E-04	1.82E-03	1.12E-01	4.45E-02	1.42E-02	1.26E-07	1.88E-03	1.57E-04	8.86E-04	6.15E-02
5778	488997.52, 3858740.04	0.0706	0.0661	0.0185	0.608	0.0169	0.3003	0.0788	0.0661	9.61E-02	1.30E-02	1.24E-07	3.91E-03	3.45E-04	1.84E-03	1.15E-01	4.68E-02	1.30E-02	1.24E-07	1.90E-03	1.68E-04	8.94E-04	6.28E-02
5779	488935.44, 3858682.82	0.0792	0.0614	0.0189	0.5759	0.0182	0.3157	0.0749	0.0614	1.08E-01	1.21E-02	1.27E-07	3.70E-03	3.70E-04	1.93E-03	1.26E-01	5.25E-02	1.21E-02	1.27E-07	1.80E-03	1.80E-04	9.40E-04	6.75E-02
5780	488869.17, 3858848.43	0.107	0.1721	0.017	0.0839	0.0158	0.078	0.3371	0.1721	1.46E-01	3.39E-02	1.14E-07	5.40E-04	3.23E-04	4.77E-04	1.81E-01	7.09E-02	3.39E-02	1.14E-07	2.63E-04	1.57E-04	2.32E-04	1.05E-01
5781	488932.48, 3858892.69	0.1066	0.1873	0.0178	0.0918	0.0152	0.0789	0.3355	0.1873	1.45E-01	3.69E-02	1.20E-07	5.90E-04	3.10E-04	4.83E-04	1.83E-01	7.06E-02	3.69E-02	1.20E-07	2.87E-04	1.51E-04	2.35E-04	1.08E-01
5782	489063.27, 3858977.17	0.0992	0.2118	0.0209	0.1217	0.014	0.0819	0.3035	0.2118	1.35E-01	4.17E-02	1.41E-07	7.83E-04	2.85E-04	5.01E-04	1.78E-01	6.57E-02	4.17E-02	1.41E-07	3.81E-04	1.38E-04	2.44E-04	1.08E-01
5783	489248.2, 3859117.15	0.0872	0.3366	0.0337	0.423	0.012	0.076	0.3919	0.3366	1.19E-01	6.63E-02	2.27E-07	2.72E-03	2.44E-04	4.65E-04	1.88E-01	5.78E-02	6.63E-02	2.27E-07	1.32E-03	1.19E-04	2.26E-04	1.26E-01
5784	489296.25, 3859049.22	0.0761	0.1321	0.0302	0.3639	0.012	0.141	0.1398	0.1321	1.04E-01	2.60E-02	2.04E-07	2.34E-03	2.45E-04	8.63E-04	1.33E-01	5.04E-02	2.60E-02	2.04E-07	1.14E-03	1.19E-04	4.20E-04	7.81E-02
5785	489353.38, 3858993.96	0.0713	0.0828	0.0271	1.0521	0.0121	0.4076	0.0847	0.0828	9.71E-02	1.63E-02	1.82E-07	6.77E-03	2.47E-04	2.49E-03	1.23E-01	4.73E-02	1.63E-02	1.82E-07	3.29E-03	1.20E-04	1.21E-03	6.82E-02
5786	489537.24, 3859120.22	0.0821	0.0926	0.0528	0.8475	0.0105	0.4237	0.0931	0.0926	1.12E-01	1.82E-02	3.55E-07	5.45E-03	2.13E-04	2.59E-03	1.38E-01	5.44E-02	1.82E-02	3.55E-07	2.65E-03	1.04E-04	1.26E-03	7.67E-02
5787	489726.98, 3859246.04	0.0809	0.1036	0.1779	0.8879	0.0091	0.4117	0.1038	0.1036	1.10E-01	2.04E-02	1.20E-06	5.71E-03	1.85E-04	2.52E-03	1.39E-01	5.36E-02	2.04E-02	1.20E-06	2.78E-03	9.02E-05	1.23E-03	7.81E-02
5788	489911.46, 3859366.33	0.079	0.1148	1.2715	0.8879	0.0081	0.3943	0.1159	0.1148	1.07E-01	2.26E-02	8.56E-06	5.71E-03	1.65E-04	2.41E-03	1.38E-01	5.23E-02	2.26E-02	8.56E-06	2.78E-03	8.05E-05	1.17E-03	7.90E-02
5789	490035.3, 3859430.26	0.0816	0.114	0.7442	1.0029	0.0076	0.4318	0.1149	0.114	1.11E-01	2.25E-02	5.01E-06	6.45E-03	1.55E-04	2.64E-03	1.43E-01	5.40E-02	2.25E-02	5.01E-06	3.14E-03	7.52E-05	1.29E-03	8.10E-02
5790	490101.11, 3859458.61	0.0788	0.1104	0.4478	0.9666	0.0074	0.4181	0.1111	0.1104	1.07E-01	2.17E-02	3.02E-06	6.22E-03	1.51E-04	2.56E-03	1.38E-01	5.22E-02	2.17E-02	3.02E-06	3.03E-03	7.35E-05	1.25E-03	7.83E-02
5791	490312.68, 3859560.3	0.0718	0.1194	0.1243	0.9843	0.0068	0.3455	0.1197	0.1194	9.77E-02	2.35E-02	8.37E-07	6.33E-03	1.39E-04	2.11E-03	1.30E-01	4.76E-02	2.35E-02	8.37E-07	3.08E-03	6.78E-05	1.03E-03	7.53E-02
5792	490401.63, 3859603.12	0.074	0.1269	0.0856	0.9859	0.0066	0.3413	0.1281	0.1269	1.01E-01	2.50E-02	5.76E-07	6.34E-03	1.35E-04	2.09E-03	1.34E-01	4.91E-02	2.50E-02	5.76E-07	3.09E-03	6.58E-05	1.02E-03	7.82E-02
5793	490490.57, 3859645.94	0.0731	0.1346	0.0628	0.9857	0.0065	0.3363	0.1368	0.1346	9.95E-02	2.65E-02	4.23E-07	6.34E-03	1.32E-04	2.06E-03	1.35E-01	4.84E-02	2.65E-02	4.23E-07	3.09E-03	6.40E-05	1.00E-03	7.91E-02
5794	490579.51, 3859688.76	0.0713	0.142	0.0483	0.9855	0.0063	0.3307	0.1453	0.142	9.71E-02	2.80E-02	3.26E-07	6.34E-03	1.28E-04	2.02E-03	1.34E-01	4.73E-02	2.80E-02	3.26E-07	3.09E-03	6.25E-05	9.85E-04	7.94E-02
5795	490668.45, 3859731.58	0.0695	0.146	0.0377	0.9764	0.0062	0.3201	0.1506	0.146	9.46E-02	2.88E-02	2.54E-07	6.28E-03	1.26E-04	1.96E-03	1.32E-01	4.60E-02	2.88E-02	2.54E-07	3.06E-03	6.12E-05	9.53E-04	7.89E-02
5796	490757.4, 3859774.4	0.0676	0.1586	0.031	0.9941	0.006	0.3244	0.1649	0.1586	9.20E-02	3.12E-02	2.09E-07	6.39E-03	1.22E-04	1.98E-03	1.32E-01	4.48E-02	3.12E-02	2.09E-07	3.11E-03	5.95E-05	9.66E-04	8.02E-02
5797	491003.53, 3859861.82	0.0657	0.1377	0.0218	1.0289	0.0057	0.3066	0.144	0.1377	8.94E-02	2.71E-02	1.47E-07	6.62E-03	1.16E-04	1.88E-03	1.25E-01	4.35E-02	2.71E-02	1.47E-07	3.22E-03	5.66E-05	9.13E-04	7.49E-02
5798	491081.41, 3859879.05	0.0659	0.1219	0.0206	1.0977	0.0056	0.3151	0.1249	0.1219	8.97E-02	2.40E-02	1.38E-07	7.06E-03	1.15E-04	1.93E-03	1.23E-01	4.37E-02	2.40E-02	1.38E-07	3.44E-03	5.60E-05	9.38E-04	7.21E-02
5799	491229.76, 3859917.82	0.0663	0.0986	0.0181	1.0552	0.0055	0.3306	0.0979	0.0986	9.03E-02	1.94E-02	1.22E-07	6.79E-03	1.13E-04	2.02E-03	1.19E-01	4.39E-02	1.94E-02	1.22E-07	3.30E-03	5.48E-05	9.85E-04	6.77E-02
5800	491300.22, 3859939.35	0.0642	0.0896	0.0168	1.0411	0.0055	0.3278	0.0891	0.0896	8.74E-02	1.77E-02	1.13E-07	6.70E-03	1.11E-04	2.01E-03	1.14E-01	4.26E-02	1.77E-02	1.13E-07	3.26E-03	5.41E-05	9.76E-04	6.45E-02
5801	491350.48, 3860012.03	0.0634	0.1071	0.0138	0.2876	0.0051	0.2951	0.1057	0.1071	8.64E-02	2.11E-02	9.29E-08	1.85E-03	1.04E-04	1.81E-03	1.11E-01	4.20E-02	2.11E-02	9.29E-08	9.01E-04	5.07E-05	8.79E-04	6.50E-02
5802	491406.82, 3860092.56	0.0626	0.1247	0.0113	0.1044	0.0048	0.0887	0.1238	0.1247	8.52E-02	2.46E-02	7.64E-08	6.71E-04	9.83E-05	5.43E-04	1.11E-01	4.15E-02	2.46E-02	7.64E-08	3.27E-04	4.78E-05	2.64E-04	6.67E-02
5803	491483.36, 3860121.96	0.0625	0.106	0.0107	0.0949	0.0048	0.083	0.1066	0.106	8.50E-02	2.09E-02	7.19E-08	6.10E-04	9.69E-05	5.08E-04	1.07E-01	4.14E-02	2.09E-02	7.19E-08	2.97E-04	4.72E-05	2.47E-04	6.29E-02
5804	491559.91, 3860151.35	0.0619	0.0923	0.0101	0.0829	0.0047	0.0755	0.0936	0.0923	8.42E-02	1.82E-02	6.77E-08	5.33E-04	9.54E-05	4.62E-04	1.04E-01	4.10E-02	1.82E-02	6.77E-08	2.59E-04	4.65E-05	2.25E-04	5.97E-02
5805	491711.81, 3860237.76	0.0611	0.0668	0.0089	0.0421	0.0046	0.0498	0.0687	0.0668	8.31E-02	1.32E-02	5.97E-08	2.71E-04	9.40E-05	3.05E-04	9.70E-02	4.05E-02	1.32E-02	5.97E-08	1.32E-04	4.58E-05	1.48E-04	5.40E-02
5806	491755.2, 3860319.07	0.0507	0.0958	0.0073	0.0289	0.0042	0.0362	0.0997	0.0958	6.90E-02	1.89E-02	4.88E-08	1.86E-04	8.55E-05	2.21E-04	8.84E-02	3.36E-02	1.89E-02	4.88E-08	9.04E-05	4.16E-05	1.08E-04	5.27E-02
5807	491704.71, 3860366.54	0.0455	0.1539	0.0066	0.0254	0.0041	0.0297	0.1626	0.1539	6.19E-02	3.03E-02	4.44E-08	1.63E-04	8.28E-05	1.82E-04	9.27E-02	3.02E-02	3.03E-02	4.44E-08	7.94E-05	4.03E-05	8.84E-05	6.07E-02
5808	491623.42, 3860462.39	0.0201	0.1702	0.0055	0.0208	0.0038	0.0227	0.1498	0.1702	2.74E-02	3.35E-02	3.73E-08	1.34E-04	7.83E-05	1.39E-04	6.13E-02	1.33E-02	3.35E-02	3.73E-08	6.52E-05	3.81E-05	6.77E-05	4.70E-02
5809	491534.02, 3860439.84	0.0212	0.0702	0.0061	0.0228	0.004	0.0238	0.0672	0.0702	2.88E-02	1.38E-02	4.07E-08	1.47E-04	8.24E-05	1.45E-04	4.31E-02	1.40E-02	1.38E-02	4.07E-08	7.15E-05	4.01E-05	7.08E-05	2.81E-02
5810	491313.95, 3860268.17	0.0279	0.087	0.0073	0.0327	0.0042	0.0294	0.0867	0.087	3.80E-02	1.71E-02	4.91E-08	2.10E-04	8.63E-05	1.80E-04	5.57E-02	1.85E-02	1.71E-02	4.91E-08	1.02E-04	4.20E-05	8.75E-05	3.59E-02
5811	491187.12, 3860143.56	0.0348	0.1238	0.0095	0.0491	0.0046	0.0401	0.1305	0.1238	4.74E-02	2.44E-02	6.41E-08	3.16E-04	9.36E-05	2.46E-04	7.25E-02	2.31E-02	2.44E-02	6.41E-08	1.54E-04	4.56E-05	1.20E-04	4.78E-02
5812	491070.43, 3860075.97	0.034	0.1091	0.0112	0.0599	0.0048	0.0473	0.1108	0.1091	4.62E-02	2.15E-02	7.53E-08	3.85E-04	9.81E-05	2.90E-04	6.85E-02	2.25E-02	2.15E-02	7.53E-08	1.88E-04	4.78E-05	1.41E-04	4.44E-02
5813	490995.09, 3860039.38	0.0342	0.1007	0.0122	0.066	0.0049	0.0516	0.1024	0.1007	4.65E-02	1.98E-02	8.24E-08	4.25E-04	1.00E-04	3.16E-04	6.72E-02	2.26E-02	1.98E-02	8.24E-08	2.07E-04	4.88E-05	1.54E-04	4.29E-02
5814	490919.75, 3860002.8	0.0343	0.1031	0.0135	0.0734	0.005	0.0571	0.1005	0.1031	4.67E-02	2.03E-02	9.10E-08	4.72E-04	1.03E-04	3.49E-04	6.79E-02	2.27E-02	2.03E-02	9.10E-08	2.30E-04	5.00E-05	1.70E-04	4.35E-02
5815	490756.81, 3859894.53	0.0373	0.2441	0.0194	0.1186	0.0054	0.0932	0.2221	0.2441	5.08E-02	4.81E-02	1.31E-07	7.63E-04	1.11E-04	5.70E-04	1.00E-01	2.47E-02	4.81E-02	1.31E-07	3.71E-04	5.40E-05	2.78E-04	7.35E-02
5816	490668.07, 3859860.92	0.0372	0.2288	0.0215	0.1117	0.0055	0.0858	0.2115	0.2288	5.06E-02	4.51E-02	1.45E-07	7.19E-04	1.13E-04	5.25E-04	9.70E-02	2.46E-02	4.51E-02	1.45E-07	3.50E-04	5.48E-05	2.55E-04	7.04E-02
5817	490579.34, 3859827.3	0.0379	0.222	0.0244	0.1062	0.0056	0.0802	0.2085	0.222	5.16E-02	4.37E-02	1.65E-07	6.83E-04	1.15E-04	4.91E-04	9.66E-02	2.51E-02	4.37E-02	1.65E-07	3.33E-04	5.59E-05	2.39E-04	6.95E-02
5818	490490.6, 3859793.68	0.0389	0.2055	0.0279	0.1002	0.0057	0.0745	0.1962	0.2055	5.29E-02	4.05E-02	1.88E-07	6.45E-04	1.17E-04	4.56E-04	9.47E-02	2.58E-02	4.05E-02	1.88E-07	3.14E-04	5.69E-05	2.22E-04	6.69E-02
5819	490401.86, 3859760.07	0.04	0.1936	0.0324	0.0954	0.0058	0.07	0.1875	0.1936	5.45E-02	3.81E-02	2.18E-07	6.14E-04	1.19E-04	4.28E-04	9.38E-02	2.65E-02	3.81E-02	2.18E-07	2.99E-04	5.79E-05	2.09E-04	6.52E-02
5820	490313.12, 3859726.45	0.0412	0.1885	0.0386	0.0919	0.006	0.0665	0.1848	0.1885	5.61E-02	3.71E-02	2.60E-07	5.91E-04	1.22E-04	4.07E-04	9.44E-02	2.73E-02	3.71E-02	2.60E-07	2.88E-04	5.94E-05	1.98E-04	6.50E-02
5821	490224.39, 3859692.83	0.0424	0.1842	0.0474	0.0892	0.0062	0.0635	0.1827	0.1842	5.78E-02	3.63E-02	3.19E-07	5.73E-04	1.25E-04	3.89E-04	9.52E-02	2.81E-02	3.63E-02	3.19E-07	2.79E-04	6.11E-05	1.89E-04	6.49E-02
5822	490135.65, 3859659.22	0.0433	0.1805	0.0606	0.0871	0.0064	0.0608	0.1807	0.1805	5.90E-02	3.56E-02	4.08E-07	5.60E-04	1.30E-04	3.72E-04	9.56E-02	2.87E-02	3.56E-02	4.08E-07	2.73E-04	6.33E-05	1.81E-04	6.48E-02
5823	489918.18, 3859559.23	0.048	0.1901	0.1799	0.0893	0.0072	0.0598	0.1832	0.1901	6.54E-02	3.75E-02	1.21E-06	5.74E-04	1.46E-04	3.66E-04	1.04E-01	3.18E-02	3.75E-02	1.21E-06	2.80E-04	7.10E-05	1.78E-04	6.98E-02
5824	489743.61, 3859486	0.0512	0.1258	0.7536	0.088	0.0079	0.0569	0.1208	0.1258	6.97E-02	2.48E-02	5.07E-06	5.66E-04	1.62E-04	3.48E-04	9.56E-02	3.39E-02	2.48E-02	5.07E-06	2.75E-04	7.88E-05	1.69E-04	5.92E-02

5825	489660.32, 3859440.27	0.0531	0.1257	0.7519	0.092	0.0084	0.0571	0.12	0.1257	7.23E-02	2.48E-02	5.06E-06	5.92E-04	1.72E-04	3.49E-04	9.81E-02	3.52E-02	2.48E-02	5.06E-06	2.88E-04	8.36E-05	1.70E-04	6.05E-02
5826	489577.04, 3859394.53	0.0546	0.1257	0.3251	0.0983	0.009	0.0573	0.1192	0.1257	7.44E-02	2.48E-02	2.19E-06	6.33E-04	1.83E-04	3.51E-04	1.00E-01	3.62E-02	2.48E-02	2.19E-06	3.08E-04	8.89E-05	1.71E-04	6.15E-02
5827	489493.75, 3859348.8	0.056	0.125	0.1516	0.1093	0.0095	0.0576	0.1175	0.125	7.63E-02	2.46E-02	1.02E-06	7.03E-04	1.94E-04	3.53E-04	1.02E-01	3.71E-02	2.46E-02	1.02E-06	3.42E-04	9.45E-05	1.72E-04	6.24E-02
5828	489321.28, 3859240.02	0.0618	0.1579	0.0538	0.1941	0.0109	0.0608	0.135	0.1579	8.41E-02	3.11E-02	3.62E-07	1.25E-03	2.22E-04	3.72E-04	1.17E-01	4.09E-02	3.11E-02	3.62E-07	6.08E-04	1.08E-04	1.81E-04	7.29E-02
5829	489235.41, 3859193.96	0.0646	0.1561	0.0389	0.4959	0.0116	0.0616	0.1268	0.1561	8.79E-02	3.08E-02	2.62E-07	3.19E-03	2.37E-04	3.77E-04	1.22E-01	4.28E-02	3.08E-02	2.62E-07	1.55E-03	1.15E-04	1.84E-04	7.54E-02
5830	489149.54, 3859147.89	0.068	0.1485	0.0299	0.1493	0.0122	0.0629	0.1144	0.1485	9.26E-02	2.93E-02	2.01E-07	9.60E-04	2.49E-04	3.85E-04	1.23E-01	4.50E-02	2.93E-02	2.01E-07	4.67E-04	1.21E-04	1.87E-04	7.51E-02
5831	489063.68, 3859101.82	0.0734	0.1477	0.0244	0.0863	0.0128	0.0645	0.101	0.1477	1.00E-01	2.91E-02	1.64E-07	5.55E-04	2.61E-04	3.95E-04	1.30E-01	4.87E-02	2.91E-02	1.64E-07	2.70E-04	1.27E-04	1.92E-04	7.83E-02
5832	488977.81, 3859055.75	0.082	0.1465	0.0208	0.0687	0.0133	0.0664	0.0863	0.1465	1.12E-01	2.89E-02	1.40E-07	4.42E-04	2.71E-04	4.06E-04	1.42E-01	5.43E-02	2.89E-02	1.40E-07	2.15E-04	1.32E-04	1.98E-04	8.37E-02
5833	488891.94, 3859009.69	0.0954	0.1415	0.0182	0.0587	0.0135	0.0687	0.0737	0.1415	1.30E-01	2.79E-02	1.23E-07	3.77E-04	2.75E-04	4.20E-04	1.59E-01	6.32E-02	2.79E-02	1.23E-07	1.84E-04	1.34E-04	2.05E-04	9.16E-02
5834	488808, 3859060.73	0.1075	0.0494	0.0167	0.0445	0.012	0.0707	0.0352	0.0494	1.46E-01	9.72E-03	1.13E-07	2.86E-04	2.44E-04	4.32E-04	1.57E-01	7.12E-02	9.72E-03	1.13E-07	1.39E-04	1.19E-04	2.10E-04	8.14E-02
5835	488809.93, 3859157.85	0.1045	0.0297	0.0163	0.0392	0.0105	0.0688	0.0243	0.0297	1.42E-01	5.85E-03	1.10E-07	2.52E-04	2.14E-04	4.21E-04	1.49E-01	6.93E-02	5.85E-03	1.10E-07	1.23E-04	1.04E-04	2.05E-04	7.55E-02
5836	488811.85, 3859254.96	0.1025	0.0214	0.0154	0.0355	0.0092	0.0657	0.0186	0.0214	1.40E-01	4.22E-03	1.04E-07	2.28E-04	1.87E-04	4.02E-04	1.45E-01	6.79E-02	4.22E-03	1.04E-07	1.11E-04	9.08E-05	1.96E-04	7.25E-02
5837	488813.78, 3859352.07	0.101	0.0169	0.0141	0.0328	0.0079	0.0631	0.0152	0.0169	1.37E-01	3.33E-03	9.49E-08	2.11E-04	1.62E-04	3.86E-04	1.42E-01	6.69E-02	3.33E-03	9.49E-08	1.03E-04	7.88E-05	1.88E-04	7.06E-02
5838	488815.71, 3859449.19	0.1008	0.0141	0.0132	0.0306	0.0069	0.0613	0.0129	0.0141	1.37E-01	2.78E-03	8.85E-08	1.97E-04	1.41E-04	3.75E-04	1.41E-01	6.68E-02	2.78E-03	8.85E-08	9.59E-05	6.87E-05	1.83E-04	7.00E-02
5839	488910.04, 3859547.1	0.0959	0.013	0.0148	0.0343	0.0069	0.0538	0.0121	0.013	1.31E-01	2.57E-03	9.97E-08	2.21E-04	1.41E-04	3.29E-04	1.34E-01	6.36E-02	2.57E-03	9.97E-08	1.07E-04	6.85E-05	1.60E-04	6.65E-02
5840	489002.45, 3859547.91	0.0892	0.0142	0.0173	0.0445	0.0078	0.0495	0.0133	0.0142	1.21E-01	2.79E-03	1.16E-07	2.86E-04	1.59E-04	3.03E-04	1.25E-01	5.91E-02	2.79E-03	1.16E-07	1.39E-04	7.73E-05	1.47E-04	6.23E-02
5841	489094.85, 3859548.71	0.0834	0.0155	0.0207	0.071	0.0086	0.0464	0.0146	0.0155	1.13E-01	3.06E-03	1.39E-07	4.57E-04	1.75E-04	2.84E-04	1.17E-01	5.52E-02	3.06E-03	1.39E-07	2.22E-04	8.50E-05	1.38E-04	5.87E-02
5842	489230.05, 3859601.87	0.0787	0.0161	0.0253	0.494	0.0088	0.0425	0.0154	0.0161	1.07E-01	3.18E-03	1.71E-07	3.18E-03	1.80E-04	2.60E-04	1.14E-01	5.21E-02	3.18E-03	1.71E-07	1.55E-03	8.76E-05	1.27E-04	5.71E-02
5843	489227.52, 3859680.89	0.0765	0.0139	0.0201	0.515	0.0082	0.0412	0.0133	0.0139	1.04E-01	2.73E-03	1.35E-07	3.31E-03	1.67E-04	2.52E-04	1.11E-01	5.07E-02	2.73E-03	1.35E-07	1.61E-03	8.15E-05	1.23E-04	5.53E-02
5844	489133.47, 3859760.29	0.0583	0.0114	0.0144	0.0979	0.007	0.0421	0.0109	0.0114	7.94E-02	2.25E-03	9.69E-08	6.30E-04	1.42E-04	2.57E-04	8.27E-02	3.87E-02	2.25E-03	9.69E-08	3.06E-04	6.92E-05	1.25E-04	4.14E-02
5845	489041.96, 3859760.67	0.0612	0.0107	0.0133	0.0483	0.0062	0.0449	0.0102	0.0107	8.33E-02	2.11E-03	8.95E-08	3.10E-04	1.27E-04	2.74E-04	8.62E-02	4.06E-02	2.11E-03	8.95E-08	1.51E-04	6.18E-05	1.34E-04	4.30E-02
5846	488950.45, 3859761.05	0.0628	0.0101	0.0122	0.0344	0.0055	0.0486	0.0095	0.0101	8.55E-02	1.99E-03	8.24E-08	2.21E-04	1.11E-04	2.98E-04	8.81E-02	4.16E-02	1.99E-03	8.24E-08	1.08E-04	5.41E-05	1.45E-04	4.39E-02
5847	488858.94, 3859761.43	0.064	0.0096	0.0112	0.0277	0.0047	0.0539	0.009	0.0096	8.72E-02	1.89E-03	7.56E-08	1.78E-04	9.67E-05	3.30E-04	8.97E-02	4.24E-02	1.89E-03	7.56E-08	8.69E-05	4.71E-05	1.60E-04	4.46E-02
5848	488767.43, 3859761.82	0.0654	0.0091	0.0103	0.0237	0.0042	0.0617	0.0085	0.0091	8.90E-02	1.79E-03	6.91E-08	1.53E-04	8.48E-05	3.77E-04	9.14E-02	4.33E-02	1.79E-03	6.91E-08	7.43E-05	4.13E-05	1.84E-04	4.54E-02
5849	488675.92, 3859762.2	0.0675	0.0086	0.0094	0.0211	0.0037	0.0735	0.008	0.0086	9.19E-02	1.70E-03	6.36E-08	1.35E-04	7.63E-05	4.49E-04	9.43E-02	4.47E-02	1.70E-03	6.36E-08	6.59E-05	3.71E-05	2.19E-04	4.68E-02
5850	488584.41, 3859762.58	0.0712	0.0082	0.0087	0.019	0.0034	0.0948	0.0076	0.0082	9.69E-02	1.62E-03	5.88E-08	1.22E-04	7.00E-05	5.80E-04	9.93E-02	4.72E-02	1.62E-03	5.88E-08	5.93E-05	3.41E-05	2.82E-04	4.91E-02
5851	488492.9, 3859762.96	0.0788	0.0079	0.0082	0.0172	0.0032	0.1452	0.0073	0.0079	1.07E-01	1.55E-03	5.49E-08	1.11E-04	6.53E-05	8.88E-04	1.10E-01	5.22E-02	1.55E-03	5.49E-08	5.39E-05	3.18E-05	4.32E-04	5.43E-02
5852	488402.76, 3859830.95	0.0928	0.0072	0.0074	0.0154	0.0029	0.3427	0.0067	0.0072	1.26E-01	1.42E-03	4.98E-08	9.93E-05	5.91E-05	2.10E-03	1.30E-01	6.15E-02	1.42E-03	4.98E-08	4.83E-05	2.88E-05	1.02E-03	6.40E-02
5853	488404.14, 3859898.55	0.0943	0.0069	0.0071	0.015	0.0028	0.3399	0.0064	0.0069	1.28E-01	1.36E-03	4.78E-08	9.67E-05	5.61E-05	2.08E-03	1.32E-01	6.25E-02	1.36E-03	4.78E-08	4.71E-05	2.73E-05	1.01E-03	6.50E-02
5854	488505.18, 3859964.96	0.0956	0.0069	0.007	0.0161	0.0027	0.1337	0.0065	0.0069	1.30E-01	1.36E-03	4.74E-08	1.03E-04	5.57E-05	8.18E-04	1.32E-01	6.33E-02	1.36E-03	4.74E-08	5.03E-05	2.71E-05	3.98E-04	6.52E-02
5855	488604.84, 3859963.76	0.0914	0.0072	0.0073	0.0178	0.0029	0.0864	0.0067	0.0072	1.24E-01	1.41E-03	4.91E-08	1.14E-04	5.89E-05	5.28E-04	1.27E-01	6.05E-02	1.41E-03	4.91E-08	5.56E-05	2.87E-05	2.57E-04	6.23E-02
5856	488704.51, 3859962.56	0.0891	0.0074	0.0075	0.02	0.0031	0.0667	0.007	0.0074	1.21E-01	1.47E-03	5.08E-08	1.28E-04	6.32E-05	4.08E-04	1.23E-01	5.91E-02	1.47E-03	5.08E-08	6.25E-05	3.08E-05	1.99E-04	6.08E-02
5857	488804.18, 3859961.37	0.0874	0.0078	0.0078	0.0232	0.0034	0.0558	0.0073	0.0078	1.19E-01	1.53E-03	5.28E-08	1.49E-04	7.00E-05	3.41E-04	1.21E-01	5.79E-02	1.53E-03	5.28E-08	7.25E-05	3.41E-05	1.66E-04	5.97E-02
5858	488903.85, 3859960.17	0.0858	0.0081	0.0083	0.0283	0.0039	0.0488	0.0077	0.0081	1.17E-01	1.60E-03	5.57E-08	1.82E-04	7.95E-05	2.99E-04	1.19E-01	5.69E-02	1.60E-03	5.57E-08	8.87E-05	3.87E-05	1.45E-04	5.87E-02
5859	489003.52, 3859958.97	0.0836	0.0085	0.009	0.0385	0.0045	0.044	0.0081	0.0085	1.14E-01	1.68E-03	6.03E-08	2.48E-04	9.22E-05	2.69E-04	1.16E-01	5.54E-02	1.68E-03	6.03E-08	1.21E-04	4.49E-05	1.31E-04	5.74E-02
5860	489103.18, 3859957.77	0.0788	0.009	0.0099	0.0694	0.0053	0.0404	0.0086	0.009	1.07E-01	1.77E-03	6.67E-08	4.47E-04	1.07E-04	2.47E-04	1.10E-01	5.22E-02	1.77E-03	6.67E-08	2.17E-04	5.22E-05	1.20E-04	5.44E-02
5861	489201.48, 3860046.59	0.0869	0.0087	0.0098	0.2067	0.0054	0.0368	0.0083	0.0087	1.18E-01	1.71E-03	6.59E-08	1.33E-03	1.10E-04	2.25E-04	1.22E-01	5.76E-02	1.71E-03	6.59E-08	6.47E-04	5.35E-05	1.10E-04	6.01E-02
5862	489200.11, 3860136.61	0.0892	0.008	0.009	0.2051	0.0048	0.0363	0.0077	0.008	1.21E-01	1.58E-03	6.06E-08	1.32E-03	9.81E-05	2.22E-04	1.25E-01	5.91E-02	1.58E-03	6.06E-08	6.42E-04	4.78E-05	1.08E-04	6.15E-02
5863	489198.74, 3860226.63	0.0888	0.0075	0.0084	0.2874	0.0043	0.0358	0.0072	0.0075	1.21E-01	1.48E-03	5.67E-08	1.85E-03	8.75E-05	2.19E-04	1.24E-01	5.88E-02	1.48E-03	5.67E-08	9.00E-04	4.26E-05	1.07E-04	6.14E-02
5864	489197.38, 3860316.66	0.087	0.0071	0.0078	0.2785	0.0038	0.0355	0.0068	0.0071	1.18E-01	1.39E-03	5.25E-08	1.79E-03	7.77E-05	2.17E-04	1.22E-01	5.77E-02	1.39E-03	5.25E-08	8.72E-04	3.78E-05	1.06E-04	6.01E-02
5865	489196.01, 3860406.68	0.084	0.0067	0.0071	0.2697	0.0034	0.035	0.0065	0.0067	1.14E-01	1.31E-03	4.79E-08	1.74E-03	6.93E-05	2.14E-04	1.18E-01	5.57E-02	1.31E-03	4.79E-08	8.45E-04	3.38E-05	1.04E-04	5.80E-02
5866	489194.64, 3860496.7	0.0789	0.0063	0.0064	0.2651	0.003	0.0337	0.0061	0.0063	1.07E-01	1.23E-03	4.28E-08	1.71E-03	6.16E-05	2.06E-04	1.11E-01	5.23E-02	1.23E-03	4.28E-08	8.30E-04	3.00E-05	1.00E-04	5.45E-02
5867	489193.27, 3860586.72	0.0687	0.0059	0.0057	0.259	0.0027	0.0307	0.0057	0.0059	9.35E-02	1.15E-03	3.83E-08	1.67E-03	5.51E-05	1.88E-04	9.66E-02	4.55E-02	1.15E-03	3.83E-08	8.11E-04	2.68E-05	9.15E-05	4.76E-02
5868	489092.02, 3860678.13	0.0381	0.0054	0.0052	0.0596	0.0022	0.0295	0.0052	0.0054	5.19E-02	1.06E-03	3.52E-08	3.83E-04	4.41E-05	1.81E-04	5.36E-02	2.53E-02	1.06E-03	3.52E-08	1.86E-04	2.14E-05	8.79E-05	2.66E-02
5869	488992.13, 3860679.53	0.0395	0.0052	0.0052	0.0325	0.002	0.0333	0.005	0.0052	5.38E-02	1.03E-03	3.47E-08	2.09E-04	4.08E-05	2.04E-04	5.52E-02	2.62E-02	1.03E-03	3.47E-08	1.02E-04	1.99E-05	9.91E-05	2.74E-02
5870	488892.24, 3860680.92	0.0399	0.0051	0.0048	0.0233	0.0019	0.0386	0.0049	0.0051	5.44E-02	1.00E-03	3.26E-08	1.50E-04	3.94E-05	2.36E-04	5.58E-02	2.65E-02	1.00E-03	3.26E-08	7.28E-05	1.92E-05	1.15E-04	2.77E-02
5871	488792.36, 3860682.31	0.0403	0.005	0.0045	0.0186	0.0019	0.0464	0.0048	0.005	5.48E-02	9.79E-04	3.00E-08	1.20E-04	3.83E-05	2.84E-04	5.62E-02	2.67E-02	9.79E-04	3.00E-08	5.83E-05	1.87E-05	1.38E-04	2.79E-02
5872	488692.48, 3860683.7	0.0407	0.0049	0.0042	0.0159	0.0019	0.0593	0.0046	0.0049	5.55E-02	9.57E-04	2.81E-08	1.02E-04	3.77E-05	3.63E-04	5.69E-02	2.70E-02	9.57E-04	2.81E-08	4.97E-05	1.84E-05	1.77E-04	2.82E-02
5873	488592.59, 3860685.09	0.0419	0.0048	0.004	0.014	0.0018	0.0826	0.0045	0.0048	5.71E-02	9.36E-04	2.69E-08	8.97E-05	3.67E-05	5.06E-04	5.87E-02	2.78E-02	9.36E-04	2.69E-08	4.37E-05	1.79E-05	2.46E-04	2.90E-02
5874	488492.71, 3860686.49	0.0459	0.0047	0.0039	0.0126	0.0018	0.1403	0.0044	0.0047	6.25E-02	9.18E-04	2.63E-08	8.09E-05	3.61E-05	8.59E-04	6.44E-02	3.04E-02	9.18E-04	2.63E-08	3.94E-05	1.76E-05	4.18E-04	3.18E-02
5875	488299.07, 3860762.18	0.028	0.0044	0.0036	0.0105	0.0017	0.0667	0.0041	0.0044	3.81E-02	8.63E-04	2.39E-08	6.77E-05	3.53E-05	4.08E-04	3.95E-02	1.86E-02	8.63E-04	2.39E-08	3.30E-05	1.72E-05	1.99E-04	1.97E-02
5876	488205.32, 3860764.09	0.0269	0.0043	0.0034	0.0099	0.0018	0.0648	0.0041	0.0043	3.67E-02	8.47E-04	2.30E-08	6.38E-05	3.59E-05	3.97E-04	3.80E-02	1.79E-02	8.47E-04	2.30E-08	3.11E-05	1.75E-05	1.93E-04	1.89E-02
5877	488111.56, 3860766	0.0244	0.0042	0.0033	0.0094	0.0018	0.0585	0.004	0.0042	3.33E-02	8.29E-04	2.21E-08	6.04E-05	3.69E-05	3.58E-04	3.46E-02	1.62E-02	8.29E-04	2.21E-08	2.94E-05	1.80E-05	1.74E-04	1.72E-02
5878	488017.81, 3860767.91	0.0206	0.0041	0.0031	0.0089	0.0019	0.051	0.0039	0.0041	2.80E-02	8.14E-04	2.10E-08	5.73E-05	3.90E-05	3.12E-04	2.93E-02	1.36E-02	8.14E-04	2.10E-08	2.79E-05	1.90E-05	1.52E-04	1.47E-02
5879	487924.06, 3860769.81	0.0159	0.004	0.003	0.0085	0.002	0.0421	0.0038	0.004	2.16E-02	7.96E-04	2.00E-08	5.45E-05	4.16E-05	2.58E-04	2.28E-02	1.05E-02	7.96E-04	2.00E-08	2.66E-05	2.03E-05	1.25E-04	1.15E-02
5880	487830.31, 3860771.72	0.0133	0.004	0.0029	0.0081	0.0022	0.0324	0.0037	0.004	1.80E-02	7.82E-04	1.92E-08	5.20E-05	4.49E-05	1.98E-04	1.91E-02	8.78E-03	7.82E-04	1.92E-08	2.53E-05	2.18E-05	9.64E-05	9.71E-03
5881	487736.55, 3860773.63	0.0114	0.0039	0.0028	0.0077	0.0023	0.0258	0.0036	0.0039	1.55E-02	7.66E-04	1.87E-08	4.98E-05	4.77E-05	1.58E-04	1.66E-02	7.56E-03	7.66E-04	1.87E-08	2.42E-05	2.32E-05	7.69E-05	8.45E-03
5882	487642.8, 3860775.54	0.0103	0.0038	0.0028	0.0075	0.0025	0.0216	0.0036	0.0038	1.40E-02	7.55E-04	1.85E-08	4.80E-05	5.00E-05	1.32E-04	1.50E-02	6.80E-03	7.55E-04	1.85E-08	2.34E-05	2.43E-05	6.44E-05	7.67E-03
5883	487549.48, 3860684.71	0.0116	0.0039	0.0029	0.0074	0.0026	0.0238	0.0036	0.0039	1.57E-02	7.66E-04	1.97E-08	4.77E-05	5.22E-05	1.45E-04	1.68E-02	7.66E-03	7.66E-04	1.97E-08	2.32E-05	2.54E-05	7.08E-05	8.55E-03
5884	487549.91, 3860591.97	0.0145	0.004	0.0031	0.0076	0.0026	0.0325	0.0037	0.004	1.98E-02	7.92E-04	2.09E-08	4.89E-05	5.34E-05	1.99E-04	2.09E-02	9.64E-03	7.92E-04	2.09E-08	2.38E-05	2.60E-05	9.68E-05	1.06E-02
5885	487550.34, 3860499.23	0.0187	0.0042	0.0033	0.0078	0.0027	0.0462	0.0039	0.0042	2.54E-02	8.20E-04	2.24E-08	5.02E-05	5.53E-05	2.82E-04	2.66E-02	1.24E-02	8.20E-04	2.24E-08	2.44E-05	2.69E-05	1.37E-04	1.34E-02
5886	487550.76, 3860406.49	0.0249	0.0043	0.0036	0.008	0.0028	0.0647	0.004	0.0043	3.39E-02	8.53E-04	2.41E-08	5.17E-05	5.71E-05	3.96E-04	3.52E-02	1.65E-02	8.53E-04	2.41E-08	2.51E-05	2.78E-05	1.93E-04	1.76E-02

5887	487551.19, 3860313.75	0.0354	0.0045	0.0038	0.0082	0.0029	0.0886	0.0042	0.0045	4.82E-02	8.90E-04	2.54E-08	5.30E-05	5.91E-05	5.42E-04	4.98E-02	2.35E-02	8.90E-04	2.54E-08	2.58E-05	2.88E-05	2.64E-04	2.47E-02
5888	487551.62, 3860221.01	0.0398	0.0047	0.0039	0.0085	0.003	0.0907	0.0043	0.0047	5.42E-02	9.32E-04	2.63E-08	5.45E-05	6.12E-05	5.55E-04	5.58E-02	2.64E-02	9.32E-04	2.63E-08	2.65E-05	2.98E-05	2.70E-04	2.76E-02
5889	487552.05, 3860128.27	0.0415	0.005	0.004	0.0087	0.0031	0.0894	0.0045	0.005	5.65E-02	9.79E-04	2.71E-08	5.62E-05	6.40E-05	5.47E-04	5.81E-02	2.75E-02	9.79E-04	2.71E-08	2.73E-05	3.12E-05	2.66E-04	2.88E-02
5890	487552.48, 3860035.53	0.0428	0.0052	0.0042	0.009	0.0033	0.0884	0.0047	0.0052	5.83E-02	1.02E-03	2.80E-08	5.79E-05	6.69E-05	5.41E-04	6.00E-02	2.84E-02	1.02E-03	2.80E-08	2.82E-05	3.26E-05	2.63E-04	2.97E-02
5891	487552.91, 3859942.79	0.044	0.0054	0.0043	0.0092	0.0034	0.088	0.0049	0.0054	5.99E-02	1.06E-03	2.92E-08	5.94E-05	6.93E-05	5.38E-04	6.16E-02	2.91E-02	1.06E-03	2.92E-08	2.89E-05	3.38E-05	2.62E-04	3.05E-02
5892	487553.33, 3859850.05	0.0452	0.0056	0.0046	0.0095	0.0036	0.0884	0.005	0.0056	6.16E-02	1.11E-03	3.09E-08	6.14E-05	7.30E-05	5.41E-04	6.34E-02	3.00E-02	1.11E-03	3.09E-08	2.99E-05	3.55E-05	2.63E-04	3.14E-02
5893	487553.76, 3859757.31	0.0468	0.0058	0.0047	0.0098	0.0038	0.0893	0.0052	0.0058	6.37E-02	1.15E-03	3.19E-08	6.32E-05	7.67E-05	5.47E-04	6.56E-02	3.10E-02	1.15E-03	3.19E-08	3.08E-05	3.73E-05	2.66E-04	3.25E-02
5894	487554.19, 3859664.57	0.0499	0.0061	0.0048	0.0101	0.004	0.096	0.0053	0.0061	6.79E-02	1.19E-03	3.21E-08	6.52E-05	8.06E-05	5.87E-04	6.98E-02	3.31E-02	1.19E-03	3.21E-08	3.17E-05	3.92E-05	2.86E-04	3.46E-02
5895	487460.2, 3859571.05	0.05	0.0062	0.0048	0.01	0.0042	0.101	0.0054	0.0062	6.81E-02	1.22E-03	3.23E-08	6.42E-05	8.65E-05	6.18E-04	7.00E-02	3.31E-02	1.22E-03	3.23E-08	3.12E-05	4.21E-05	3.01E-04	3.47E-02
5896	487365.78, 3859570.27	0.0421	0.006	0.005	0.0096	0.0043	0.0878	0.0052	0.006	5.74E-02	1.19E-03	3.33E-08	6.17E-05	8.83E-05	5.37E-04	5.92E-02	2.79E-02	1.19E-03	3.33E-08	3.00E-05	4.30E-05	2.61E-04	2.94E-02
5897	487271.36, 3859569.48	0.0337	0.0059	0.0051	0.0092	0.0045	0.0768	0.0051	0.0059	4.59E-02	1.16E-03	3.40E-08	5.93E-05	9.12E-05	4.70E-04	4.77E-02	2.23E-02	1.16E-03	3.40E-08	2.89E-05	4.44E-05	2.29E-04	2.38E-02
5898	487176.94, 3859568.7	0.0274	0.0057	0.005	0.0089	0.0047	0.0656	0.0049	0.0057	3.72E-02	1.13E-03	3.35E-08	5.72E-05	9.57E-05	4.01E-04	3.89E-02	1.81E-02	1.13E-03	3.35E-08	2.78E-05	4.66E-05	1.95E-04	1.95E-02
5899	487082.51, 3859567.92	0.0233	0.0056	0.0047	0.0086	0.005	0.0523	0.0048	0.0056	3.17E-02	1.11E-03	3.18E-08	5.52E-05	1.02E-04	3.20E-04	3.32E-02	1.54E-02	1.11E-03	3.18E-08	2.69E-05	4.95E-05	1.56E-04	1.67E-02
5900	486988.09, 3859567.14	0.0204	0.0055	0.0046	0.0083	0.0053	0.0417	0.0047	0.0055	2.78E-02	1.08E-03	3.06E-08	5.33E-05	1.09E-04	2.55E-04	2.93E-02	1.35E-02	1.08E-03	3.06E-08	2.60E-05	5.28E-05	1.24E-04	1.48E-02
5901	486893.67, 3859566.36	0.0182	0.0054	0.0046	0.008	0.0056	0.0342	0.0046	0.0054	2.48E-02	1.06E-03	3.11E-08	5.17E-05	1.15E-04	2.09E-04	2.63E-02	1.21E-02	1.06E-03	3.11E-08	2.51E-05	5.59E-05	1.02E-04	1.33E-02
5902	486799.25, 3859565.58	0.0165	0.0053	0.0048	0.0078	0.0059	0.0288	0.0045	0.0053	2.25E-02	1.03E-03	3.23E-08	5.00E-05	1.21E-04	1.76E-04	2.39E-02	1.10E-02	1.03E-03	3.23E-08	2.43E-05	5.87E-05	8.57E-05	1.22E-02
5903	486704.83, 3859564.79	0.0153	0.0051	0.005	0.0075	0.0061	0.0251	0.0044	0.0051	2.08E-02	1.01E-03	3.35E-08	4.85E-05	1.25E-04	1.54E-04	2.21E-02	1.01E-02	1.01E-03	3.35E-08	2.36E-05	6.10E-05	7.48E-05	1.13E-02
5904	486610.41, 3859564.01	0.0142	0.005	0.0052	0.0073	0.0063	0.0224	0.0043	0.005	1.94E-02	9.93E-04	3.47E-08	4.71E-05	1.29E-04	1.37E-04	2.07E-02	9.43E-03	9.93E-04	3.47E-08	2.29E-05	6.28E-05	6.67E-05	1.06E-02
5905	486515.99, 3859563.23	0.0134	0.0049	0.0052	0.0071	0.0065	0.0202	0.0043	0.0049	1.82E-02	9.71E-04	3.53E-08	4.57E-05	1.32E-04	1.24E-04	1.95E-02	8.85E-03	9.71E-04	3.53E-08	2.23E-05	6.40E-05	6.02E-05	9.97E-03
5906	486421.57, 3859562.45	0.0126	0.0048	0.0052	0.0069	0.0065	0.0185	0.0042	0.0048	1.71E-02	9.52E-04	3.49E-08	4.45E-05	1.33E-04	1.13E-04	1.84E-02	8.34E-03	9.52E-04	3.49E-08	2.17E-05	6.48E-05	5.52E-05	9.44E-03
5907	486327.14, 3859561.67	0.0119	0.0048	0.0049	0.0068	0.0066	0.0171	0.0041	0.0048	1.62E-02	9.36E-04	3.33E-08	4.34E-05	1.34E-04	1.05E-04	1.74E-02	7.88E-03	9.36E-04	3.33E-08	2.11E-05	6.53E-05	5.10E-05	8.95E-03
5908	486232.72, 3859560.89	0.0112	0.0047	0.0046	0.0066	0.0066	0.0159	0.004	0.0047	1.53E-02	9.16E-04	3.07E-08	4.23E-05	1.34E-04	9.75E-05	1.65E-02	7.45E-03	9.16E-04	3.07E-08	2.06E-05	6.54E-05	4.74E-05	8.50E-03
5909	486138.3, 3859560.1	0.0107	0.0046	0.0042	0.0064	0.0066	0.0149	0.004	0.0046	1.45E-02	8.98E-04	2.83E-08	4.13E-05	1.34E-04	9.12E-05	1.57E-02	7.06E-03	8.98E-04	2.83E-08	2.01E-05	6.54E-05	4.44E-05	8.09E-03
5910	486043.88, 3859559.32	0.0101	0.0045	0.0039	0.0063	0.0066	0.014	0.0039	0.0045	1.38E-02	8.81E-04	2.65E-08	4.03E-05	1.34E-04	8.56E-05	1.49E-02	6.71E-03	8.81E-04	2.65E-08	1.96E-05	6.53E-05	4.17E-05	7.71E-03
5911	485949.35, 3859463.54	0.0103	0.0045	0.004	0.0063	0.007	0.014	0.0039	0.0045	1.40E-02	8.90E-04	2.68E-08	4.06E-05	1.43E-04	8.58E-05	1.51E-02	6.79E-03	8.90E-04	2.68E-08	1.98E-05	6.95E-05	4.18E-05	7.81E-03
5912	485949.24, 3859368.55	0.0109	0.0047	0.0042	0.0065	0.0075	0.015	0.004	0.0047	1.49E-02	9.18E-04	2.86E-08	4.17E-05	1.53E-04	9.18E-05	1.61E-02	7.24E-03	9.18E-04	2.86E-08	2.03E-05	7.45E-05	4.47E-05	8.29E-03
5913	485949.12, 3859273.55	0.0116	0.0048	0.0045	0.0067	0.0081	0.0161	0.004	0.0048	1.58E-02	9.48E-04	3.06E-08	4.28E-05	1.65E-04	9.83E-05	1.71E-02	7.71E-03	9.48E-04	3.06E-08	2.08E-05	8.01E-05	4.79E-05	8.80E-03
5914	485949.01, 3859178.56	0.0124	0.005	0.0048	0.0068	0.0087	0.0173	0.0041	0.005	1.69E-02	9.77E-04	3.23E-08	4.36E-05	1.77E-04	1.06E-04	1.82E-02	8.21E-03	9.77E-04	3.23E-08	2.12E-05	8.63E-05	5.14E-05	9.35E-03
5915	485948.9, 3859083.56	0.0132	0.0052	0.005	0.0069	0.0094	0.0185	0.0042	0.0052	1.80E-02	1.01E-03	3.36E-08	4.44E-05	1.91E-04	1.13E-04	1.93E-02	8.75E-03	1.01E-03	3.36E-08	2.16E-05	9.31E-05	5.51E-05	9.93E-03
5916	485948.79, 3858988.56	0.014	0.0054	0.0052	0.007	0.0101	0.0198	0.0043	0.0054	1.91E-02	1.06E-03	3.49E-08	4.50E-05	2.06E-04	1.21E-04	2.05E-02	9.28E-03	1.06E-03	3.49E-08	2.19E-05	1.00E-04	5.89E-05	1.05E-02
5917	485948.67, 3858893.57	0.0148	0.0056	0.0055	0.0071	0.0109	0.0211	0.0044	0.0056	2.01E-02	1.11E-03	3.72E-08	4.57E-05	2.22E-04	1.29E-04	2.16E-02	9.80E-03	1.11E-03	3.72E-08	2.22E-05	1.08E-04	6.29E-05	1.11E-02
5918	485948.56, 3858798.57	0.0156	0.0059	0.0061	0.0073	0.0118	0.0225	0.0045	0.0059	2.12E-02	1.16E-03	4.13E-08	4.66E-05	2.40E-04	1.38E-04	2.28E-02	1.03E-02	1.16E-03	4.13E-08	2.27E-05	1.17E-04	6.71E-05	1.17E-02
5919	485948.45, 3858703.58	0.0163	0.0062	0.0068	0.0074	0.0126	0.0241	0.0046	0.0062	2.22E-02	1.23E-03	4.59E-08	4.75E-05	2.58E-04	1.47E-04	2.39E-02	1.08E-02	1.23E-03	4.59E-08	2.31E-05	1.25E-04	7.17E-05	1.23E-02
5920	485948.34, 3858608.58	0.0171	0.0066	0.0074	0.0075	0.0137	0.0259	0.0048	0.0066	2.33E-02	1.30E-03	5.00E-08	4.85E-05	2.79E-04	1.58E-04	2.51E-02	1.13E-02	1.30E-03	5.00E-08	2.36E-05	1.36E-04	7.71E-05	1.29E-02
5921	485948.22, 3858513.59	0.018	0.007	0.0078	0.0077	0.0148	0.0282	0.0049	0.007	2.44E-02	1.38E-03	5.23E-08	4.95E-05	3.01E-04	1.73E-04	2.63E-02	1.19E-02	1.38E-03	5.23E-08	2.41E-05	1.46E-04	8.40E-05	1.35E-02
5922	485948.11, 3858418.59	0.0189	0.0074	0.008	0.0078	0.0159	0.0312	0.0051	0.0074	2.58E-02	1.46E-03	5.41E-08	5.03E-05	3.24E-04	1.91E-04	2.78E-02	1.25E-02	1.46E-03	5.41E-08	2.45E-05	1.58E-04	9.29E-05	1.43E-02
5923	485948, 3858323.59	0.0201	0.008	0.0084	0.008	0.0172	0.035	0.0052	0.008	2.74E-02	1.57E-03	5.66E-08	5.14E-05	3.52E-04	2.14E-04	2.96E-02	1.33E-02	1.57E-03	5.66E-08	2.50E-05	1.71E-04	1.04E-04	1.52E-02
5924	485947.89, 3858228.6	0.0217	0.0086	0.0083	0.0082	0.0187	0.0398	0.0054	0.0086	2.96E-02	1.69E-03	5.60E-08	5.25E-05	3.81E-04	2.43E-04	3.19E-02	1.44E-02	1.69E-03	5.60E-08	2.55E-05	1.85E-04	1.18E-04	1.64E-02
5925	485947.77, 3858133.6	0.024	0.0093	0.008	0.0084	0.0202	0.0454	0.0055	0.0093	3.26E-02	1.83E-03	5.36E-08	5.38E-05	4.12E-04	2.78E-04	3.52E-02	1.59E-02	1.83E-03	5.36E-08	2.62E-05	2.01E-04	1.35E-04	1.81E-02
5926	485947.66, 3858038.61	0.027	0.0103	0.0081	0.0087	0.022	0.0523	0.0057	0.0103	3.67E-02	2.02E-03	5.43E-08	5.56E-05	4.48E-04	3.20E-04	3.96E-02	1.79E-02	2.02E-03	5.43E-08	2.71E-05	2.18E-04	1.56E-04	2.03E-02
5927	485854.54, 3857943.35	0.0283	0.0105	0.008	0.0086	0.0224	0.0457	0.0057	0.0105	3.86E-02	2.08E-03	5.37E-08	5.51E-05	4.56E-04	2.79E-04	4.14E-02	1.88E-02	2.08E-03	5.37E-08	2.68E-05	2.22E-04	1.36E-04	2.12E-02
5928	485761.52, 3857943.09	0.0243	0.0099	0.0074	0.0083	0.0213	0.0365	0.0055	0.0099	3.31E-02	1.94E-03	5.00E-08	5.32E-05	4.34E-04	2.24E-04	3.57E-02	1.61E-02	1.94E-03	5.00E-08	2.59E-05	2.11E-04	1.09E-04	1.84E-02
5929	485668.51, 3857942.83	0.0215	0.0093	0.007	0.008	0.0203	0.0307	0.0054	0.0093	2.93E-02	1.83E-03	4.73E-08	5.15E-05	4.14E-04	1.88E-04	3.18E-02	1.43E-02	1.83E-03	4.73E-08	2.51E-05	2.01E-04	9.13E-05	1.64E-02
5930	485575.5, 3857942.56	0.0195	0.0088	0.0066	0.0078	0.0193	0.0265	0.0052	0.0088	2.65E-02	1.73E-03	4.47E-08	4.99E-05	3.94E-04	1.62E-04	2.89E-02	1.29E-02	1.73E-03	4.47E-08	2.43E-05	1.92E-04	7.89E-05	1.49E-02
5931	485482.48, 3857942.3	0.0179	0.0083	0.0063	0.0075	0.0185	0.0234	0.0051	0.0083	2.44E-02	1.64E-03	4.22E-08	4.84E-05	3.77E-04	1.43E-04	2.66E-02	1.19E-02	1.64E-03	4.22E-08	2.35E-05	1.83E-04	6.97E-05	1.38E-02
5932	485389.47, 3857942.04	0.0166	0.0079	0.0058	0.0073	0.0177	0.021	0.0049	0.0079	2.27E-02	1.56E-03	3.93E-08	4.70E-05	3.61E-04	1.29E-04	2.48E-02	1.10E-02	1.56E-03	3.93E-08	2.29E-05	1.76E-04	6.27E-05	1.28E-02
5933	485296.46, 3857941.78	0.0156	0.0076	0.0054	0.0071	0.017	0.0191	0.0048	0.0076	2.12E-02	1.49E-03	3.65E-08	4.57E-05	3.46E-04	1.17E-04	2.32E-02	1.03E-02	1.49E-03	3.65E-08	2.22E-05	1.68E-04	5.70E-05	1.21E-02
5934	485203.45, 3857941.52	0.0147	0.0072	0.0051	0.0069	0.0163	0.0176	0.0047	0.0072	2.00E-02	1.43E-03	3.43E-08	4.45E-05	3.33E-04	1.08E-04	2.19E-02	9.72E-03	1.43E-03	3.43E-08	2.17E-05	1.62E-04	5.23E-05	1.14E-02
5935	485110.43, 3857941.26	0.0139	0.0069	0.0049	0.0067	0.0157	0.0163	0.0046	0.0069	1.89E-02	1.37E-03	3.28E-08	4.34E-05	3.20E-04	9.95E-05	2.07E-02	9.20E-03	1.37E-03	3.28E-08	2.11E-05	1.56E-04	4.84E-05	1.08E-02
5936	485017.42, 3857940.99	0.0132	0.0066	0.0047	0.0066	0.015	0.0152	0.0045	0.0066	1.80E-02	1.31E-03	3.18E-08	4.23E-05	3.07E-04	9.28E-05	1.97E-02	8.75E-03	1.31E-03	3.18E-08	2.06E-05	1.49E-04	4.51E-05	1.03E-02
5937	484924.41, 3857940.73	0.0126	0.0064	0.0046	0.0064	0.0145	0.0142	0.0044	0.0064	1.72E-02	1.25E-03	3.11E-08	4.12E-05	2.95E-04	8.69E-05	1.88E-02	8.35E-03	1.25E-03	3.11E-08	2.01E-05	1.43E-04	4.23E-05	9.81E-03
5938	484831.39, 3857940.47	0.0121	0.0061	0.0046	0.0063	0.0139	0.0134	0.0043	0.0061	1.64E-02	1.21E-03	3.08E-08	4.03E-05	2.84E-04	8.19E-05	1.80E-02	7.99E-03	1.21E-03	3.08E-08	1.96E-05	1.38E-04	3.98E-05	9.39E-03
5939	484738.12, 3857859.3	0.0121	0.0061	0.0048	0.0062	0.0137	0.0131	0.0042	0.0061	1.65E-02	1.21E-03	3.25E-08	4.00E-05	2.79E-04	7.98E-05	1.81E-02	8.05E-03	1.21E-03	3.25E-08	1.95E-05	1.36E-04	3.89E-05	9.45E-03
5940	484737.85, 3857778.4	0.0129	0.0064	0.0051	0.0063	0.0139	0.0135	0.0043	0.0064	1.75E-02	1.26E-03	3.44E-08	4.06E-05	2.84E-04	8.26E-05	1.92E-02	8.52E-03	1.26E-03	3.44E-08	1.98E-05	1.38E-04	4.02E-05	9.98E-03
5941	484737.59, 3857697.49	0.0137	0.0067	0.0054	0.0064	0.014	0.014	0.0044	0.0067	1.87E-02	1.32E-03	3.65E-08	4.12E-05	2.86E-04	8.55E-05	2.04E-02	9.11E-03	1.32E-03	3.65E-08	2.01E-05	1.39E-04	4.16E-05	1.06E-02
5942	484737.32, 3857616.59	0.0148	0.007	0.0057	0.0065	0.014	0.0145	0.0045	0.007	2.02E-02	1.38E-03	3.85E-08	4.19E-05	2.85E-04	8.89E-05	2.20E-02	9.83E-03	1.38E-03	3.85E-08	2.04E-05	1.39E-04	4.33E-05	1.14E-02
5943	484645.53, 3857535.18	0.0155	0.0071	0.0061	0.0065	0.0132	0.0142	0.0045	0.0071	2.12E-02	1.39E-03	4.13E-08	4.17E-05	2.69E-04	8.69E-05	2.29E-02	1.03E-02	1.39E-03	4.13E-08	2.03E-05	1.31E-04	4.23E-05	1.19E-02
5944	484553.99, 3857534.67	0.0148	0.0068	0.0062	0.0063	0.0126	0.0134	0.0044	0.0068	2.02E-02	1.33E-03	4.17E-08	4.07E-05	2.57E-04	8.19E-05	2.19E-02	9.83E-03	1.33E-03	4.17E-08	1.98E-05	1.25E-04	3.98E-05	1.13E-02
5945	484462.46, 3857534.17	0.0142	0.0065	0.006	0.0062	0.012	0.0127	0.0043	0.0065	1.93E-02	1.27E-03	4.06E-08	3.99E-05	2.45E-04	7.74E-05	2.10E-02	9.40E-03	1.27E-03	4.06E-08	1.94E-05	1.19E-04	3.77E-05	1.09E-02
5946	484370.93, 3857533.66	0.0136	0.0062	0.0057	0.0061	0.0115	0.012	0.0042	0.0062	1.85E-02	1.23E-03	3.82E-08	3.90E-05	2.35E-04	7.34E-05	2.01E-02	9.01E-03	1.23E-03	3.82E-08	1.90E-05	1.14E-04	3.57E-05	1.04E-02
5947	484279.4, 3857533.16	0.013	0.006	0.0054	0.006	0.011	0.0114	0.0041	0.006	1.78E-02	1.18E-03	3.64E-08	3.83E-05	2.25E-04	6.99E-05	1.93E-02	8.64E-03	1.18E-03	3.64E-08	1.86E-05	1.09E-04	3.40E-05	9.98E-03
5948	484187.86, 3857532.65	0.0125	0.0058	0.0054	0.0058	0.0105	0.0109	0.0041	0.0058	1.70E-02	1.14E-03	3.64E-08	3.75E-05	2.15E-04	6.68E-05	1.85E-02	8.29E-03	1.14E-03	3.64E-08	1.83E-05	1.05E-04	3.25E-05	9.59E-03

5949	484096.33, 3857532.15	0.012	0.0056	0.0055	0.0057	0.0101	0.0105	0.004	0.0056	1.63E-02	1.11E-03	3.72E-08	3.68E-05	2.06E-04	6.40E-05	1.77E-02	7.95E-03	1.11E-03	3.72E-08	1.79E-05	1.00E-04	3.12E-05	9.20E-03
5950	484004.8, 3857531.64	0.0115	0.0055	0.0057	0.0056	0.0097	0.0101	0.0039	0.0055	1.57E-02	1.07E-03	3.82E-08	3.60E-05	1.98E-04	6.16E-05	1.71E-02	7.64E-03	1.07E-03	3.82E-08	1.75E-05	9.63E-05	3.00E-05	8.86E-03
5951	483913.27, 3857531.14	0.0111	0.0053	0.0058	0.0055	0.0093	0.0097	0.0038	0.0053	1.52E-02	1.04E-03	3.90E-08	3.53E-05	1.89E-04	5.93E-05	1.65E-02	7.38E-03	1.04E-03	3.90E-08	1.72E-05	9.22E-05	2.89E-05	8.56E-03
5952	483821.73, 3857530.63	0.0108	0.0052	0.0059	0.0054	0.0089	0.0094	0.0038	0.0052	1.48E-02	1.02E-03	3.94E-08	3.47E-05	1.82E-04	5.73E-05	1.60E-02	7.18E-03	1.02E-03	3.94E-08	1.69E-05	8.87E-05	2.79E-05	8.33E-03
5953	483729.61, 3857450.11	0.0114	0.0052	0.006	0.0054	0.0083	0.0092	0.0038	0.0052	1.56E-02	1.02E-03	4.04E-08	3.45E-05	1.70E-04	5.65E-05	1.69E-02	7.58E-03	1.02E-03	4.04E-08	1.68E-05	8.26E-05	2.75E-05	8.73E-03
5954	483729.03, 3857370.08	0.0126	0.0054	0.0062	0.0054	0.0081	0.0094	0.0039	0.0054	1.71E-02	1.05E-03	4.17E-08	3.49E-05	1.66E-04	5.76E-05	1.85E-02	8.34E-03	1.05E-03	4.17E-08	1.70E-05	8.07E-05	2.81E-05	9.52E-03
5955	483728.44, 3857290.06	0.0143	0.0055	0.0063	0.0055	0.008	0.0096	0.0039	0.0055	1.94E-02	1.09E-03	4.25E-08	3.54E-05	1.63E-04	5.89E-05	2.08E-02	9.46E-03	1.09E-03	4.25E-08	1.73E-05	7.93E-05	2.87E-05	1.07E-02
5956	483727.86, 3857210.03	0.0169	0.0057	0.0064	0.0056	0.0079	0.0099	0.004	0.0057	2.30E-02	1.12E-03	4.29E-08	3.60E-05	1.61E-04	6.03E-05	2.43E-02	1.12E-02	1.12E-03	4.29E-08	1.75E-05	7.85E-05	2.94E-05	1.24E-02
5957	483641.15, 3857129.07	0.0183	0.0057	0.0062	0.0056	0.0077	0.0098	0.004	0.0057	2.50E-02	1.13E-03	4.17E-08	3.60E-05	1.56E-04	5.97E-05	2.63E-02	1.21E-02	1.13E-03	4.17E-08	1.75E-05	7.61E-05	2.91E-05	1.34E-02
5958	483555.03, 3857128.14	0.0166	0.0056	0.0061	0.0055	0.0074	0.0094	0.0039	0.0056	2.26E-02	1.10E-03	4.12E-08	3.53E-05	1.51E-04	5.77E-05	2.39E-02	1.10E-02	1.10E-03	4.12E-08	1.72E-05	7.37E-05	2.81E-05	1.22E-02
5959	483468.91, 3857127.2	0.0153	0.0054	0.0061	0.0054	0.0072	0.0091	0.0039	0.0054	2.09E-02	1.07E-03	4.09E-08	3.46E-05	1.46E-04	5.59E-05	2.22E-02	1.02E-02	1.07E-03	4.09E-08	1.68E-05	7.13E-05	2.72E-05	1.13E-02
5960	483382.78, 3857126.26	0.0144	0.0053	0.0061	0.0053	0.007	0.0089	0.0038	0.0053	1.95E-02	1.04E-03	4.07E-08	3.40E-05	1.42E-04	5.41E-05	2.08E-02	9.51E-03	1.04E-03	4.07E-08	1.66E-05	6.92E-05	2.64E-05	1.07E-02
5961	483296.66, 3857125.32	0.0135	0.0051	0.0059	0.0052	0.0068	0.0086	0.0037	0.0051	1.84E-02	1.01E-03	4.00E-08	3.34E-05	1.38E-04	5.26E-05	1.96E-02	8.96E-03	1.01E-03	4.00E-08	1.63E-05	6.71E-05	2.56E-05	1.01E-02
5962	483210.54, 3857124.39	0.0128	0.005	0.0058	0.0051	0.0066	0.0083	0.0037	0.005	1.74E-02	9.87E-04	3.88E-08	3.28E-05	1.34E-04	5.10E-05	1.86E-02	8.48E-03	9.87E-04	3.88E-08	1.60E-05	6.51E-05	2.48E-05	9.57E-03
5963	483123.4, 3857030.96	0.0132	0.0051	0.0057	0.0051	0.0065	0.0083	0.0037	0.0051	1.79E-02	9.95E-04	3.84E-08	3.28E-05	1.32E-04	5.07E-05	1.91E-02	8.72E-03	9.95E-04	3.84E-08	1.60E-05	6.42E-05	2.47E-05	9.82E-03
5964	483122.38, 3856938.46	0.0143	0.0052	0.006	0.0052	0.0066	0.0085	0.0038	0.0052	1.95E-02	1.03E-03	4.05E-08	3.34E-05	1.35E-04	5.19E-05	2.07E-02	9.48E-03	1.03E-03	4.05E-08	1.63E-05	6.58E-05	2.53E-05	1.06E-02
5965	483121.35, 3856845.97	0.0156	0.0054	0.0065	0.0053	0.0068	0.0087	0.0039	0.0054	2.12E-02	1.06E-03	4.37E-08	3.42E-05	1.39E-04	5.34E-05	2.25E-02	1.03E-02	1.06E-03	4.37E-08	1.66E-05	6.77E-05	2.60E-05	1.15E-02
5966	483120.33, 3856753.47	0.0169	0.0056	0.007	0.0054	0.007	0.009	0.0039	0.0056	2.30E-02	1.10E-03	4.71E-08	3.48E-05	1.43E-04	5.51E-05	2.44E-02	1.12E-02	1.10E-03	4.71E-08	1.69E-05	6.96E-05	2.68E-05	1.24E-02
5967	483119.31, 3856660.98	0.0183	0.0058	0.0074	0.0055	0.0072	0.0093	0.004	0.0058	2.49E-02	1.13E-03	4.98E-08	3.54E-05	1.47E-04	5.68E-05	2.63E-02	1.21E-02	1.13E-03	4.98E-08	1.72E-05	7.14E-05	2.77E-05	1.34E-02
5968	483118.29, 3856568.49	0.0197	0.006	0.0077	0.0056	0.0074	0.0096	0.0041	0.006	2.68E-02	1.17E-03	5.19E-08	3.60E-05	1.50E-04	5.87E-05	2.82E-02	1.31E-02	1.17E-03	5.19E-08	1.75E-05	7.32E-05	2.86E-05	1.43E-02
5969	483117.26, 3856475.99	0.0212	0.0062	0.0081	0.0057	0.0075	0.0099	0.0042	0.0062	2.89E-02	1.22E-03	5.43E-08	3.67E-05	1.54E-04	6.08E-05	3.04E-02	1.41E-02	1.22E-03	5.43E-08	1.78E-05	7.49E-05	2.96E-05	1.54E-02
5970	483116.24, 3856383.5	0.0231	0.0065	0.0085	0.0058	0.0077	0.0104	0.0042	0.0065	3.14E-02	1.27E-03	5.70E-08	3.72E-05	1.57E-04	6.34E-05	3.30E-02	1.53E-02	1.27E-03	5.70E-08	1.81E-05	7.62E-05	3.09E-05	1.67E-02
5971	483115.22, 3856291.01	0.0259	0.0067	0.0086	0.0059	0.0078	0.0109	0.0043	0.0067	3.52E-02	1.33E-03	5.79E-08	3.79E-05	1.59E-04	6.66E-05	3.68E-02	1.72E-02	1.33E-03	5.79E-08	1.84E-05	7.74E-05	3.24E-05	1.86E-02
5972	483114.2, 3856198.51	0.0309	0.0071	0.0085	0.006	0.0079	0.0115	0.0044	0.0071	4.20E-02	1.39E-03	5.69E-08	3.85E-05	1.60E-04	7.04E-05	4.37E-02	2.05E-02	1.39E-03	5.69E-08	1.87E-05	7.79E-05	3.43E-05	2.20E-02
5973	483113.17, 3856106.02	0.0414	0.0074	0.0086	0.0061	0.0079	0.0122	0.0045	0.0074	5.64E-02	1.47E-03	5.78E-08	3.92E-05	1.61E-04	7.48E-05	5.81E-02	2.74E-02	1.47E-03	5.78E-08	1.91E-05	7.81E-05	3.64E-05	2.90E-02
5974	483112.15, 3856013.52	0.0466	0.0079	0.0092	0.0062	0.0078	0.0131	0.0047	0.0079	6.34E-02	1.55E-03	6.18E-08	4.01E-05	1.58E-04	8.00E-05	6.52E-02	3.09E-02	1.55E-03	6.18E-08	1.95E-05	7.71E-05	3.89E-05	3.25E-02
5975	483029.25, 3855920.47	0.0377	0.008	0.0097	0.0062	0.0075	0.013	0.0047	0.008	5.13E-02	1.57E-03	6.53E-08	4.01E-05	1.52E-04	7.95E-05	5.32E-02	2.50E-02	1.57E-03	6.53E-08	1.95E-05	7.42E-05	3.87E-05	2.67E-02
5976	482947.37, 3855919.91	0.03	0.0076	0.0097	0.0061	0.0074	0.0121	0.0047	0.0076	4.09E-02	1.50E-03	6.50E-08	3.92E-05	1.50E-04	7.42E-05	4.26E-02	1.99E-02	1.50E-03	6.50E-08	1.91E-05	7.31E-05	3.61E-05	2.15E-02
5977	482865.49, 3855919.36	0.0252	0.0073	0.0097	0.006	0.0072	0.0114	0.0046	0.0073	3.43E-02	1.43E-03	6.54E-08	3.83E-05	1.48E-04	6.98E-05	3.60E-02	1.67E-02	1.43E-03	6.54E-08	1.86E-05	7.19E-05	3.40E-05	1.83E-02
5978	482783.61, 3855918.8	0.0222	0.007	0.0098	0.0058	0.0071	0.0108	0.0045	0.007	3.03E-02	1.38E-03	6.58E-08	3.76E-05	1.45E-04	6.60E-05	3.19E-02	1.47E-02	1.38E-03	6.58E-08	1.83E-05	7.08E-05	3.21E-05	1.62E-02
5979	482700.33, 3855818.39	0.0233	0.0071	0.0105	0.0058	0.0068	0.0108	0.0046	0.0071	3.17E-02	1.39E-03	7.06E-08	3.76E-05	1.40E-04	6.58E-05	3.34E-02	1.54E-02	1.39E-03	7.06E-08	1.83E-05	6.79E-05	3.20E-05	1.69E-02
5980	482698.92, 3855718.54	0.0368	0.0075	0.0112	0.006	0.0066	0.0113	0.0047	0.0075	5.01E-02	1.47E-03	7.53E-08	3.85E-05	1.35E-04	6.93E-05	5.19E-02	2.44E-02	1.47E-03	7.53E-08	1.88E-05	6.55E-05	3.37E-05	2.60E-02
5981	482697.52, 3855618.68	0.0425	0.0079	0.0116	0.0062	0.0063	0.012	0.0049	0.0079	5.78E-02	1.56E-03	7.81E-08	3.96E-05	1.29E-04	7.32E-05	5.96E-02	2.81E-02	1.56E-03	7.81E-08	1.93E-05	6.27E-05	3.56E-05	2.98E-02
5982	482696.11, 3855518.83	0.0443	0.0085	0.0124	0.0063	0.0061	0.0127	0.0051	0.0085	6.03E-02	1.67E-03	8.37E-08	4.08E-05	1.24E-04	7.75E-05	6.22E-02	2.94E-02	1.67E-03	8.37E-08	1.99E-05	6.03E-05	3.77E-05	3.11E-02
5983	482694.71, 3855418.98	0.0451	0.0091	0.0136	0.0065	0.0059	0.0135	0.0053	0.0091	6.14E-02	1.80E-03	9.18E-08	4.21E-05	1.19E-04	8.28E-05	6.35E-02	2.99E-02	1.80E-03	9.18E-08	2.05E-05	5.81E-05	4.03E-05	3.18E-02
5984	482693.3, 3855319.13	0.0456	0.0099	0.0153	0.0068	0.0057	0.0146	0.0055	0.0099	6.20E-02	1.94E-03	1.03E-07	4.36E-05	1.16E-04	8.93E-05	6.42E-02	3.02E-02	1.94E-03	1.03E-07	2.12E-05	5.63E-05	4.35E-05	3.23E-02
5985	482691.9, 3855219.27	0.0458	0.0108	0.0191	0.0071	0.0055	0.016	0.0058	0.0108	6.23E-02	2.12E-03	1.28E-07	4.54E-05	1.13E-04	9.81E-05	6.47E-02	3.03E-02	2.12E-03	1.28E-07	2.21E-05	5.48E-05	4.77E-05	3.26E-02
5986	482690.49, 3855119.42	0.0458	0.0119	0.0238	0.0073	0.0053	0.0181	0.0061	0.0119	6.24E-02	2.33E-03	1.60E-07	4.72E-05	1.09E-04	1.11E-04	6.50E-02	3.04E-02	2.33E-03	1.60E-07	2.30E-05	5.30E-05	5.39E-05	3.28E-02
5987	482689.09, 3855019.57	0.0458	0.0133	0.0276	0.0077	0.0051	0.0217	0.0065	0.0133	6.23E-02	2.61E-03	1.86E-07	4.93E-05	1.05E-04	1.33E-04	6.52E-02	3.03E-02	2.61E-03	1.86E-07	2.40E-05	5.10E-05	6.46E-05	3.31E-02
5988	482687.68, 3854919.71	0.0456	0.0149	0.0303	0.008	0.0049	0.03	0.007	0.0149	6.20E-02	2.94E-03	2.04E-07	5.15E-05	1.01E-04	1.84E-04	6.53E-02	3.02E-02	2.94E-03	2.04E-07	2.50E-05	4.89E-05	8.93E-05	3.33E-02
5989	482686.28, 3854819.86	0.0454	0.0171	0.0332	0.0084	0.0047	0.0722	0.0075	0.0171	6.18E-02	3.36E-03	2.23E-07	5.38E-05	9.63E-05	4.41E-04	6.58E-02	3.01E-02	3.36E-03	2.23E-07	2.62E-05	4.69E-05	2.15E-04	3.37E-02
5990	482684.88, 3854720.01	0.045	0.0197	0.0325	0.0088	0.0045	0.2179	0.0081	0.0197	6.13E-02	3.87E-03	2.19E-07	5.65E-05	9.22E-05	1.33E-03	6.66E-02	2.98E-02	3.87E-03	2.19E-07	2.75E-05	4.49E-05	6.49E-04	3.44E-02
5991	482683.47, 3854620.16	0.0447	0.0229	0.0265	0.0093	0.0044	0.2165	0.0089	0.0229	6.09E-02	4.51E-03	1.78E-07	5.98E-05	8.93E-05	1.32E-03	6.68E-02	2.96E-02	4.51E-03	1.78E-07	2.91E-05	4.35E-05	6.45E-04	3.48E-02
5992	482682.07, 3854520.31	0.0443	0.0265	0.0201	0.0099	0.0043	0.2185	0.0099	0.0265	6.02E-02	5.22E-03	1.35E-07	6.34E-05	8.69E-05	1.34E-03	6.70E-02	2.93E-02	5.22E-03	1.35E-07	3.09E-05	4.23E-05	6.51E-04	3.53E-02
5993	482680.66, 3854420.45	0.0437	0.0304	0.0153	0.0105	0.0042	0.2258	0.0111	0.0304	5.95E-02	5.98E-03	1.03E-07	6.76E-05	8.53E-05	1.38E-03	6.70E-02	2.89E-02	5.98E-03	1.03E-07	3.29E-05	4.15E-05	6.73E-04	3.57E-02
5994	482679.26, 3854320.6	0.043	0.0338	0.0115	0.0111	0.0041	0.2313	0.0127	0.0338	5.86E-02	6.65E-03	7.74E-08	7.15E-05	8.36E-05	1.42E-03	6.68E-02	2.85E-02	6.65E-03	7.74E-08	3.48E-05	4.07E-05	6.89E-04	3.59E-02
5995	482677.85, 3854220.75	0.0424	0.0363	0.0089	0.0118	0.004	0.2478	0.0149	0.0363	5.77E-02	7.16E-03	5.99E-08	7.56E-05	8.20E-05	1.52E-03	6.66E-02	2.81E-02	7.16E-03	5.99E-08	3.68E-05	3.99E-05	7.38E-04	3.61E-02
5996	482676.45, 3854120.9	0.0414	0.0375	0.0075	0.0121	0.0039	0.2406	0.0173	0.0375	5.64E-02	7.39E-03	5.04E-08	7.79E-05	7.95E-05	1.47E-03	6.54E-02	2.74E-02	7.39E-03	5.04E-08	3.79E-05	3.87E-05	7.17E-04	3.56E-02
5997	482675.04, 3854021.04	0.0403	0.0389	0.0065	0.0121	0.0038	0.2848	0.0203	0.0389	5.49E-02	7.67E-03	4.34E-08	7.76E-05	7.67E-05	1.74E-03	6.45E-02	2.67E-02	7.67E-03	4.34E-08	3.78E-05	3.73E-05	8.48E-04	3.53E-02
5998	482673.64, 3853921.19	0.0391	0.0404	0.0057	0.0116	0.0036	0.0968	0.0235	0.0404	5.32E-02	7.96E-03	3.81E-08	7.47E-05	7.36E-05	5.92E-04	6.19E-02	2.59E-02	7.96E-03	3.81E-08	3.64E-05	3.58E-05	2.88E-04	3.42E-02
5999	482672.23, 3853821.34	0.0377	0.043	0.005	0.0107	0.0035	0.0367	0.0272	0.043	5.13E-02	8.47E-03	3.37E-08	6.88E-05	7.06E-05	2.25E-04	6.01E-02	2.50E-02	8.47E-03	3.37E-08	3.35E-05	3.43E-05	1.09E-04	3.36E-02
6000	482670.83, 3853721.48	0.0361	0.0459	0.0045	0.0092	0.0033	0.0212	0.0321	0.0459	4.92E-02	9.04E-03	3.03E-08	5.94E-05	6.75E-05	1.30E-04	5.85E-02	2.39E-02	9.04E-03	3.03E-08	2.89E-05	3.29E-05	6.31E-05	3.31E-02
6001	482669.42, 3853621.63	0.0344	0.0495	0.0041	0.0077	0.0032	0.0143	0.039	0.0495	4.68E-02	9.76E-03	2.77E-08	4.95E-05	6.49E-05	8.73E-05	5.68E-02	2.28E-02	9.76E-03	2.77E-08	2.41E-05	3.16E-05	4.25E-05	3.27E-02
6002	482645.99, 3853446.13	0.0304	0.0564	0.0036	0.0057	0.003	0.0089	0.0519	0.0564	4.14E-02	1.11E-02	2.42E-08	3.69E-05	6.12E-05	5.44E-05	5.27E-02	2.01E-02	1.11E-02	2.42E-08	1.80E-05	2.98E-05	2.65E-05	3.13E-02
6003	482623.96, 3853370.48	0.0285	0.0571	0.0034	0.0052	0.0029	0.0077	0.0549	0.0571	3.89E-02	1.12E-02	2.28E-08	3.33E-05	5.98E-05	4.71E-05	5.02E-02	1.89E-02	1.12E-02	2.28E-08	1.62E-05	2.91E-05	2.29E-05	3.02E-02
6004	482601.94, 3853294.84	0.0269	0.0598	0.0032	0.0048	0.0029	0.0068	0.0595	0.0598	3.66E-02	1.18E-02	2.15E-08	3.06E-05	5.85E-05	4.16E-05	4.85E-02	1.78E-02	1.18E-02	2.15E-08	1.49E-05	2.85E-05	2.03E-05	2.96E-02
6005	482531.29, 3853133.44	0.0244	0.0687	0.0028	0.0041	0.0028	0.0055	0.0688	0.0687	3.32E-02	1.35E-02	1.88E-08	2.61E-05	5.61E-05	3.37E-05	4.68E-02	1.61E-02	1.35E-02	1.88E-08	1.27E-05	2.73E-05	1.64E-05	2.97E-02
6006	482482.68, 3853047.69	0.0231	0.0739	0.0026	0.0038	0.0027	0.005	0.0745	0.0739	3.14E-02	1.46E-02	1.74E-08	2.42E-05	5.51E-05	3.06E-05	4.61E-02	1.53E-02	1.46E-02	1.74E-08	1.18E-05	2.68E-05	1.49E-05	2.99E-02
6007	482383.08, 3852897.4	0.0207	0.1092	0.0023	0.0033	0.0026	0.0043	0.1112	0.1092	2.82E-02	2.15E-02	1.54E-08	2.14E-05	5.28E-05	2.63E-05	4.98E-02	1.37E-02	2.15E-02	1.54E-08	1.04E-05	2.57E-05	1.28E-05	3.53E-02
6008	482265.64, 3852765.26	0.0192	0.1232	0.0021	0.003	0.0025	0.0038	0.1256	0.1232	2.62E-02	2.43E-02	1.39E-08	1.95E-05	5.12E-05	2.32E-05	5.05E-02	1.27E-02	2.43E-02	1.39E-08	9.49E-06	2.49E-05	1.13E-05	3.71E-02
6009	482199.16, 3852697.66	0.0187	0.122	0.002	0.0029	0.0025	0.0036	0.1243	0.122	2.55E-02	2.40E-02	1.33E-08	1.87E-05	5.02E-05	2.18E-05	4.96E-02	1.24E-02	2.40E-02	1.33E-08	9.08E-06	2.44E-05	1.06E-05	3.65E-02
6010	482132.69, 3852630.07	0.0184	0.1198	0.0019	0.0028	0.0024	0.0034	0.122	0.1198	2.50E-02	2.36E-02	1.28E-08	1.79E-05	4.94E-05	2.06E-05	4.87E-02	1.22E-02	2.36E-02	1.28E-08	8.74E-06	2.40E-05	1.00E-05	3.58E-02

6011	482066.21, 3852562.48	0.018	0.1187	0.0018	0.0027	0.0024	0.0032	0.1208	0.1187	2.45E-02	2.34E-02	1.24E-08	1.72E-05	4.85E-05	1.96E-05	4.80E-02	1.19E-02	2.34E-02	1.24E-08	8.39E-06	2.36E-05	9.53E-06	3.54E-02
6012	481999.74, 3852494.89	0.0177	0.1166	0.0018	0.0026	0.0023	0.0031	0.1186	0.1166	2.41E-02	2.30E-02	1.20E-08	1.66E-05	4.77E-05	1.87E-05	4.72E-02	1.17E-02	2.30E-02	1.20E-08	8.08E-06	2.32E-05	9.08E-06	3.47E-02
6013	481933.26, 3852427.29	0.0175	0.1132	0.0017	0.0025	0.0023	0.0029	0.1152	0.1132	2.38E-02	2.23E-02	1.17E-08	1.61E-05	4.71E-05	1.79E-05	4.61E-02	1.16E-02	2.23E-02	1.17E-08	7.83E-06	2.29E-05	8.73E-06	3.39E-02
6014	481866.79, 3852359.7	0.0172	0.1125	0.0017	0.0024	0.0023	0.0028	0.1145	0.1125	2.34E-02	2.22E-02	1.14E-08	1.55E-05	4.63E-05	1.73E-05	4.56E-02	1.14E-02	2.22E-02	1.14E-08	7.55E-06	2.25E-05	8.40E-06	3.36E-02
6015	481800.31, 3852292.11	0.0169	0.1096	0.0016	0.0023	0.0022	0.0027	0.1115	0.1096	2.30E-02	2.16E-02	1.10E-08	1.51E-05	4.57E-05	1.66E-05	4.47E-02	1.12E-02	2.16E-02	1.10E-08	7.33E-06	2.22E-05	8.10E-06	3.28E-02
6016	481733.84, 3852224.52	0.0167	0.1076	0.0016	0.0023	0.0022	0.0026	0.1094	0.1076	2.28E-02	2.12E-02	1.07E-08	1.46E-05	4.49E-05	1.60E-05	4.40E-02	1.11E-02	2.12E-02	1.07E-08	7.11E-06	2.18E-05	7.80E-06	3.23E-02
6017	481667.36, 3852156.92	0.0165	0.1075	0.0015	0.0022	0.0022	0.0025	0.1093	0.1075	2.25E-02	2.12E-02	1.04E-08	1.42E-05	4.43E-05	1.55E-05	4.38E-02	1.10E-02	2.12E-02	1.04E-08	6.89E-06	2.15E-05	7.53E-06	3.22E-02
6018	481600.89, 3852089.33	0.0164	0.1053	0.0015	0.0021	0.0021	0.0025	0.1071	0.1053	2.23E-02	2.08E-02	1.01E-08	1.38E-05	4.36E-05	1.51E-05	4.31E-02	1.08E-02	2.08E-02	1.01E-08	6.70E-06	2.12E-05	7.33E-06	3.16E-02
6019	481534.41, 3852021.74	0.0162	0.1046	0.0015	0.0021	0.0021	0.0024	0.1063	0.1046	2.21E-02	2.06E-02	9.90E-09	1.34E-05	4.30E-05	1.46E-05	4.28E-02	1.08E-02	2.06E-02	9.90E-09	6.54E-06	2.09E-05	7.12E-06	3.14E-02
6020	481467.94, 3851954.15	0.0161	0.1039	0.0014	0.002	0.0021	0.0023	0.1055	0.1039	2.19E-02	2.05E-02	9.63E-09	1.31E-05	4.24E-05	1.42E-05	4.25E-02	1.07E-02	2.05E-02	9.63E-09	6.36E-06	2.06E-05	6.91E-06	3.12E-02
6021	481401.46, 3851886.55	0.0161	0.1036	0.0014	0.002	0.0021	0.0023	0.1052	0.1036	2.19E-02	2.04E-02	9.36E-09	1.27E-05	4.18E-05	1.38E-05	4.23E-02	1.06E-02	2.04E-02	9.36E-09	6.20E-06	2.04E-05	6.73E-06	3.11E-02
6022	481265.87, 3851761.43	0.0159	0.091	0.0013	0.0019	0.002	0.0021	0.0922	0.091	2.17E-02	1.79E-02	8.82E-09	1.22E-05	4.06E-05	1.31E-05	3.96E-02	1.05E-02	1.79E-02	8.82E-09	5.92E-06	1.98E-05	6.37E-06	2.85E-02
6023	481196.74, 3851703.89	0.0167	0.0851	0.0013	0.0019	0.002	0.0021	0.0859	0.0851	2.27E-02	1.68E-02	8.55E-09	1.20E-05	4.02E-05	1.28E-05	3.95E-02	1.10E-02	1.68E-02	8.55E-09	5.82E-06	1.96E-05	6.22E-06	2.78E-02
6024	481076.33, 3851619.04	0.017	0.0827	0.0012	0.0018	0.0019	0.002	0.0827	0.0827	2.31E-02	1.63E-02	8.15E-09	1.16E-05	3.96E-05	1.24E-05	3.95E-02	1.13E-02	1.63E-02	8.15E-09	5.64E-06	1.93E-05	6.02E-06	2.76E-02
6025	480939.8, 3851549.07	0.0171	0.0802	0.0011	0.0018	0.0019	0.002	0.0797	0.0802	2.33E-02	1.58E-02	7.68E-09	1.13E-05	3.90E-05	1.19E-05	3.91E-02	1.13E-02	1.58E-02	7.68E-09	5.51E-06	1.90E-05	5.81E-06	2.72E-02
6026	480854.56, 3851506.41	0.0173	0.0806	0.0011	0.0017	0.0019	0.0019	0.0804	0.0806	2.35E-02	1.59E-02	7.47E-09	1.12E-05	3.88E-05	1.17E-05	3.94E-02	1.14E-02	1.59E-02	7.47E-09	5.45E-06	1.89E-05	5.69E-06	2.73E-02
6027	480769.32, 3851463.75	0.0177	0.0815	0.0011	0.0017	0.0019	0.0019	0.0817	0.0815	2.41E-02	1.61E-02	7.27E-09	1.11E-05	3.83E-05	1.14E-05	4.02E-02	1.17E-02	1.61E-02	7.27E-09	5.39E-06	1.87E-05	5.57E-06	2.78E-02
6028	480684.08, 3851421.08	0.0181	0.0825	0.0011	0.0017	0.0019	0.0019	0.0831	0.0825	2.46E-02	1.63E-02	7.14E-09	1.10E-05	3.81E-05	1.13E-05	4.09E-02	1.20E-02	1.63E-02	7.14E-09	5.35E-06	1.86E-05	5.51E-06	2.83E-02
6029	480598.84, 3851378.42	0.0181	0.0826	0.001	0.0017	0.0019	0.0018	0.0836	0.0826	2.47E-02	1.63E-02	7.00E-09	1.09E-05	3.77E-05	1.12E-05	4.10E-02	1.20E-02	1.63E-02	7.00E-09	5.29E-06	1.84E-05	5.45E-06	2.83E-02
6030	480435.71, 3851275.01	0.0183	0.1117	0.001	0.0017	0.0018	0.0018	0.1147	0.1117	2.50E-02	2.20E-02	6.73E-09	1.06E-05	3.69E-05	1.09E-05	4.70E-02	1.22E-02	2.20E-02	6.73E-09	5.17E-06	1.80E-05	5.30E-06	3.42E-02
6031	480347.85, 3851232.36	0.0177	0.1101	0.001	0.0016	0.0018	0.0018	0.1138	0.1101	2.41E-02	2.17E-02	6.67E-09	1.05E-05	3.65E-05	1.08E-05	4.59E-02	1.17E-02	2.17E-02	6.67E-09	5.13E-06	1.78E-05	5.27E-06	3.35E-02
6032	480260, 3851189.72	0.0176	0.1086	0.001	0.0016	0.0018	0.0018	0.113	0.1086	2.40E-02	2.14E-02	6.53E-09	1.04E-05	3.63E-05	1.08E-05	4.54E-02	1.17E-02	2.14E-02	6.53E-09	5.07E-06	1.77E-05	5.24E-06	3.31E-02
6033	480172.15, 3851147.07	0.0176	0.1072	0.001	0.0016	0.0018	0.0018	0.1123	0.1072	2.40E-02	2.11E-02	6.46E-09	1.04E-05	3.59E-05	1.07E-05	4.52E-02	1.17E-02	2.11E-02	6.46E-09	5.04E-06	1.75E-05	5.21E-06	3.28E-02
6034	480084.29, 3851104.42	0.0177	0.1059	0.001	0.0016	0.0017	0.0017	0.1116	0.1059	2.42E-02	2.09E-02	6.40E-09	1.02E-05	3.55E-05	1.06E-05	4.51E-02	1.18E-02	2.09E-02	6.40E-09	4.98E-06	1.73E-05	5.15E-06	3.26E-02
6035	479996.44, 3851061.77	0.0179	0.1049	0.0009	0.0016	0.0017	0.0017	0.1111	0.1049	2.44E-02	2.07E-02	6.33E-09	1.02E-05	3.53E-05	1.05E-05	4.51E-02	1.19E-02	2.07E-02	6.33E-09	4.95E-06	1.72E-05	5.12E-06	3.26E-02
6036	479908.58, 3851019.13	0.0181	0.1066	0.0009	0.0016	0.0017	0.0017	0.1135	0.1066	2.47E-02	2.10E-02	6.20E-09	1.00E-05	3.49E-05	1.04E-05	4.57E-02	1.20E-02	2.10E-02	6.20E-09	4.88E-06	1.70E-05	5.06E-06	3.30E-02
6037	479820.73, 3850976.48	0.0184	0.1055	0.0009	0.0015	0.0017	0.0017	0.1129	0.1055	2.50E-02	2.08E-02	6.13E-09	9.91E-06	3.45E-05	1.03E-05	4.58E-02	1.22E-02	2.08E-02	6.13E-09	4.82E-06	1.68E-05	5.00E-06	3.30E-02
6038	479732.88, 3850933.83	0.019	0.1045	0.0009	0.0015	0.0017	0.0017	0.1123	0.1045	2.59E-02	2.06E-02	6.13E-09	9.78E-06	3.41E-05	1.02E-05	4.65E-02	1.26E-02	2.06E-02	6.13E-09	4.76E-06	1.66E-05	4.94E-06	3.32E-02
6039	479645.02, 3850891.18	0.0197	0.1042	0.0009	0.0015	0.0017	0.0016	0.1121	0.1042	2.68E-02	2.05E-02	6.06E-09	9.71E-06	3.39E-05	1.00E-05	4.74E-02	1.30E-02	2.05E-02	6.06E-09	4.73E-06	1.65E-05	4.88E-06	3.36E-02
6040	479557.17, 3850848.54	0.0202	0.1034	0.0009	0.0015	0.0016	0.0016	0.111	0.1034	2.74E-02	2.04E-02	5.99E-09	9.58E-06	3.34E-05	9.85E-06	4.79E-02	1.34E-02	2.04E-02	5.99E-09	4.67E-06	1.63E-05	4.79E-06	3.37E-02
6041	479469.32, 3850805.89	0.0205	0.1045	0.0009	0.0015	0.0016	0.0016	0.1119	0.1045	2.79E-02	2.06E-02	5.99E-09	9.46E-06	3.30E-05	9.67E-06	4.85E-02	1.36E-02	2.06E-02	5.99E-09	4.60E-06	1.61E-05	4.71E-06	3.42E-02
6042	479381.46, 3850763.24	0.0206	0.1036	0.0009	0.0015	0.0016	0.0016	0.1107	0.1036	2.80E-02	2.04E-02	5.93E-09	9.33E-06	3.28E-05	9.48E-06	4.85E-02	1.36E-02	2.04E-02	5.93E-09	4.54E-06	1.60E-05	4.62E-06	3.41E-02
6043	479293.61, 3850720.59	0.0205	0.1018	0.0009	0.0014	0.0016	0.0015	0.1086	0.1018	2.79E-02	2.01E-02	5.93E-09	9.20E-06	3.24E-05	9.36E-06	4.80E-02	1.36E-02	2.01E-02	5.93E-09	4.48E-06	1.58E-05	4.56E-06	3.37E-02
6044	479205.76, 3850677.95	0.0204	0.1005	0.0009	0.0014	0.0016	0.0015	0.1071	0.1005	2.78E-02	1.98E-02	5.93E-09	9.13E-06	3.22E-05	9.18E-06	4.76E-02	1.35E-02	1.98E-02	5.93E-09	4.45E-06	1.57E-05	4.47E-06	3.34E-02
6045	479117.9, 3850635.3	0.0203	0.0973	0.0009	0.0014	0.0016	0.0015	0.1033	0.0973	2.76E-02	1.92E-02	5.93E-09	9.01E-06	3.18E-05	9.06E-06	4.68E-02	1.34E-02	1.92E-02	5.93E-09	4.38E-06	1.55E-05	4.41E-06	3.26E-02
6046	479030.05, 3850592.65	0.02	0.0945	0.0009	0.0014	0.0016	0.0015	0.1	0.0945	2.73E-02	1.86E-02	5.93E-09	8.88E-06	3.16E-05	8.87E-06	4.59E-02	1.33E-02	1.86E-02	5.93E-09	4.32E-06	1.54E-05	4.32E-06	3.19E-02
6047	478942.19, 3850550	0.0195	0.0962	0.0009	0.0014	0.0015	0.0014	0.1016	0.0962	2.65E-02	1.89E-02	5.93E-09	8.75E-06	3.14E-05	8.69E-06	4.55E-02	1.29E-02	1.89E-02	5.93E-09	4.26E-06	1.53E-05	4.23E-06	3.19E-02
6048	478854.34, 3850507.36	0.019	0.1028	0.0009	0.0013	0.0015	0.0014	0.1084	0.1028	2.58E-02	2.02E-02	5.86E-09	8.56E-06	3.10E-05	8.44E-06	4.61E-02	1.26E-02	2.02E-02	5.86E-09	4.16E-06	1.51E-05	4.11E-06	3.28E-02
6049	478766.49, 3850464.71	0.0185	0.1032	0.0009	0.0013	0.0015	0.0014	0.1085	0.1032	2.52E-02	2.03E-02	5.79E-09	8.43E-06	3.00E-05	8.32E-06	4.56E-02	1.23E-02	2.03E-02	5.79E-09	4.10E-06	1.46E-05	4.05E-06	3.26E-02
6050	478678.63, 3850422.06	0.0182	0.103	0.0009	0.0013	0.0015	0.0013	0.1081	0.103	2.48E-02	2.03E-02	5.79E-09	8.30E-06	2.98E-05	8.14E-06	4.51E-02	1.21E-02	2.03E-02	5.79E-09	4.04E-06	1.45E-05	3.96E-06	3.24E-02
6051	478590.78, 3850379.41	0.018	0.1032	0.0009	0.0013	0.0014	0.0013	0.1081	0.1032	2.45E-02	2.03E-02	5.79E-09	8.23E-06	2.94E-05	8.02E-06	4.49E-02	1.19E-02	2.03E-02	5.79E-09	4.01E-06	1.43E-05	3.90E-06	3.23E-02
6052	478502.93, 3850336.77	0.0178	0.103	0.0009	0.0013	0.0014	0.0013	0.1076	0.103	2.42E-02	2.03E-02	5.79E-09	8.10E-06	2.92E-05	7.95E-06	4.46E-02	1.18E-02	2.03E-02	5.79E-09	3.95E-06	1.42E-05	3.87E-06	3.21E-02
6053	478415.07, 3850294.12	0.0176	0.102	0.0009	0.0012	0.0014	0.0013	0.1063	0.102	2.39E-02	2.01E-02	5.79E-09	7.98E-06	2.88E-05	7.83E-06	4.41E-02	1.16E-02	2.01E-02	5.79E-09	3.88E-06	1.40E-05	3.81E-06	3.18E-02
6054	478327.22, 3850251.47	0.0173	0.1026	0.0009	0.0012	0.0014	0.0013	0.1067	0.1026	2.35E-02	2.02E-02	5.79E-09	7.85E-06	2.86E-05	7.77E-06	4.38E-02	1.14E-02	2.02E-02	5.79E-09	3.82E-06	1.39E-05	3.78E-06	3.17E-02
6055	478239.36, 3850208.82	0.0171	0.1028	0.0009	0.0012	0.0014	0.0013	0.1066	0.1028	2.32E-02	2.02E-02	5.72E-09	7.78E-06	2.83E-05	7.65E-06	4.35E-02	1.13E-02	2.02E-02	5.72E-09	3.79E-06	1.38E-05	3.72E-06	3.16E-02
6056	478151.51, 3850166.18	0.017	0.1026	0.0009	0.0012	0.0014	0.0012	0.1062	0.1026	2.31E-02	2.02E-02	5.72E-09	7.65E-06	2.81E-05	7.59E-06	4.34E-02	1.12E-02	2.02E-02	5.72E-09	3.73E-06	1.37E-05	3.69E-06	3.15E-02
6057	478063.66, 3850123.53	0.0169	0.1022	0.0009	0.0012	0.0014	0.0012	0.1055	0.1022	2.30E-02	2.01E-02	5.72E-09	7.59E-06	2.79E-05	7.53E-06	4.32E-02	1.12E-02	2.01E-02	5.72E-09	3.69E-06	1.36E-05	3.66E-06	3.14E-02
6058	477975.8, 3850080.88	0.0167	0.0997	0.0009	0.0012	0.0014	0.0012	0.1027	0.0997	2.27E-02	1.96E-02	5.79E-09	7.59E-06	2.79E-05	7.59E-06	4.24E-02	1.10E-02	1.96E-02	5.79E-09	3.69E-06	1.36E-05	3.69E-06	3.07E-02
6059	477887.95, 3850038.23	0.0166	0.0992	0.0009	0.0012	0.0014	0.0012	0.1021	0.0992	2.26E-02	1.95E-02	5.79E-09	7.53E-06	2.77E-05	7.53E-06	4.22E-02	1.10E-02	1.95E-02	5.79E-09	3.66E-06	1.35E-05	3.66E-06	3.06E-02
6060	477800.1, 3849995.59	0.0165	0.0978	0.0009	0.0012	0.0014	0.0012	0.1004	0.0978	2.24E-02	1.93E-02	5.79E-09	7.53E-06	2.77E-05	7.53E-06	4.17E-02	1.09E-02	1.93E-02	5.79E-09	3.66E-06	1.35E-05	3.66E-06	3.02E-02
6061	477712.24, 3849952.94	0.0164	0.0981	0.0009	0.0012	0.0014	0.0012	0.1005	0.0981	2.23E-02	1.93E-02	5.79E-09	7.46E-06	2.75E-05	7.53E-06	4.17E-02	1.09E-02	1.93E-02	5.79E-09	3.63E-06	1.34E-05	3.66E-06	3.02E-02
6062	477624.39, 3849910.29	0.0161	0.098	0.0009	0.0012	0.0014	0.0012	0.1002	0.098	2.19E-02	1.93E-02	5.79E-09	7.40E-06	2.75E-05	7.46E-06	4.13E-02	1.07E-02	1.93E-02	5.79E-09	3.60E-06	1.34E-05	3.63E-06	3.00E-02
6063	477536.54, 3849867.64	0.0157	0.0967	0.0009	0.0011	0.0014	0.0012	0.0986	0.0967	2.14E-02	1.90E-02	5.72E-09	7.33E-06	2.77E-05	7.46E-06	4.05E-02	1.04E-02	1.90E-02	5.72E-09	3.57E-06	1.35E-05	3.63E-06	2.95E-02
6064	477448.68, 3849825	0.0155	0.0963	0.0009	0.0011	0.0013	0.0012	0.098	0.0963	2.11E-02	1.90E-02	5.72E-09	7.27E-06	2.71E-05	7.40E-06	4.01E-02	1.03E-02	1.90E-02	5.72E-09	3.54E-06	1.32E-05	3.60E-06	2.93E-02
6065	477360.83, 3849782.35	0.0154	0.0954	0.0008	0.0011	0.0013	0.0012	0.097	0.0954	2.09E-02	1.88E-02	5.66E-09	7.20E-06	2.69E-05	7.40E-06	3.98E-02	1.02E-02	1.88E-02	5.66E-09	3.51E-06	1.31E-05	3.60E-06	2.90E-02
6066	477272.97, 3849739.7	0.0154	0.094	0.0008	0.0011	0.0013	0.0012	0.0953	0.094	2.09E-02	1.85E-02	5.66E-09	7.14E-06	2.69E-05	7.34E-06	3.95E-02	1.02E-02	1.85E-02	5.66E-09	3.48E-06	1.31E-05	3.57E-06	2.87E-02
6067	477185.12, 3849697.05	0.0154	0.0937	0.0008	0.0011	0.0013	0.0012	0.0947	0.0937	2.10E-02	1.84E-02	5.59E-09	7.14E-06	2.67E-05	7.34E-06	3.95E-02	1.02E-02	1.84E-02	5.59E-09	3.48E-06	1.30E-05	3.57E-06	2.87E-02
6068	477097.27, 3849654.41	0.0155	0.0948	0.0008	0.0011	0.0013	0.0012	0.0957	0.0948	2.11E-02	1.87E-02	5.52E-09	7.08E-06	2.65E-05	7.28E-06	3.98E-02	1.03E-02	1.87E-02	5.52E-09	3.44E-06	1.29E-05	3.54E-06	2.89E-02
6069	477009.41, 3849611.76	0.0156	0.0978	0.0008	0.0011	0.0013	0.0012	0.0985	0.0978	2.12E-02	1.93E-02	5.45E-09	7.01E-06	2.63E-05	7.22E-06	4.05E-02	1.03E-02	1.93E-02	5.45E-09	3.41E-06	1.28E-05	3.51E-06	2.96E-02
6070	476841.49, 3849530.08	0.0159	0.0986	0.0008	0.0011	0.0013	0.0012	0.0989	0.0986	2.16E-02	1.94E-02	5.39E-09	6.88E-06	2.61E-05	7.16E-06	4.11E-02	1.05E-02	1.94E-02	5.39E-09	3.35E-06	1.27E-05	3.48E-06	3.00E-02
6071	476761.41, 3849491.05	0.016	0.0985	0.0008	0.0011	0.0013	0.0012	0.0987	0.0985	2.18E-02	1.94E-02	5.32E-09	6.82E-06	2.59E-05	7.16E-06	4.12E-02	1.06E-02	1.94E-02	5.32E-09	3.32E-06	1.26E-05	3.48E-06	3.00E-02
6072	476681.34, 3849452.02	0.0163	0.101	0.0008	0.0011	0.0013	0.0012	0.1011	0.101	2.22E-02	1.99E-02	5.25E-09	6.82E-06	2.59E-05	7.10E-06	4.21E-02	1.08E-02	1.99E-02	5.25E-09	3.32E-06	1.26E-05	3.45E-06	3.07E-02

6073	476601.26, 3849412.99	0.0168	0.1061	0.0008	0.0011	0.0013	0.0012	0.106	0.1061	2.29E-02	2.09E-02	5.19E-09	6.75E-06	2.57E-05	7.10E-06	4.38E-02	1.11E-02	2.09E-02	5.19E-09	3.29E-06	1.25E-05	3.45E-06	3.20E-02
6074	476456.32, 3849353.67	0.0174	0.1221	0.0007	0.001	0.0013	0.0011	0.1222	0.1221	2.37E-02	2.41E-02	4.98E-09	6.63E-06	2.55E-05	6.98E-06	4.78E-02	1.15E-02	2.41E-02	4.98E-09	3.22E-06	1.24E-05	3.40E-06	3.56E-02
6075	476305.43, 3849318.83	0.0169	0.1167	0.0007	0.001	0.0013	0.0012	0.1175	0.1167	2.30E-02	2.30E-02	4.92E-09	6.63E-06	2.57E-05	7.04E-06	4.60E-02	1.12E-02	2.30E-02	4.92E-09	3.22E-06	1.25E-05	3.42E-06	3.42E-02
6076	476129.36, 3849289.99	0.0164	0.1059	0.0007	0.001	0.0013	0.0012	0.1068	0.1059	2.23E-02	2.09E-02	4.71E-09	6.69E-06	2.59E-05	7.04E-06	4.32E-02	1.09E-02	2.09E-02	4.71E-09	3.26E-06	1.26E-05	3.42E-06	3.18E-02
6077	476039.31, 3849275.68	0.0162	0.1022	0.0007	0.001	0.0013	0.0012	0.1029	0.1022	2.20E-02	2.01E-02	4.65E-09	6.69E-06	2.61E-05	7.04E-06	4.22E-02	1.07E-02	2.01E-02	4.65E-09	3.26E-06	1.27E-05	3.42E-06	3.08E-02
6078	475949.26, 3849261.38	0.0161	0.1035	0.0007	0.001	0.0013	0.0011	0.1041	0.1035	2.19E-02	2.04E-02	4.58E-09	6.63E-06	2.63E-05	6.98E-06	4.24E-02	1.07E-02	2.04E-02	4.58E-09	3.22E-06	1.28E-05	3.40E-06	3.11E-02
6079	475859.21, 3849247.08	0.0159	0.0981	0.0007	0.001	0.0013	0.0011	0.0985	0.0981	2.16E-02	1.93E-02	4.51E-09	6.69E-06	2.63E-05	6.98E-06	4.10E-02	1.05E-02	1.93E-02	4.51E-09	3.26E-06	1.28E-05	3.40E-06	2.99E-02
6080	475769.16, 3849232.77	0.0159	0.094	0.0007	0.001	0.0013	0.0011	0.0943	0.094	2.16E-02	1.85E-02	4.44E-09	6.63E-06	2.65E-05	6.98E-06	4.01E-02	1.05E-02	1.85E-02	4.44E-09	3.22E-06	1.29E-05	3.40E-06	2.90E-02
6081	475585.22, 3849219.27	0.0124	0.0548	0.0006	0.001	0.0013	0.0011	0.0551	0.0548	1.69E-02	1.08E-02	4.17E-09	6.50E-06	2.67E-05	6.73E-06	2.77E-02	8.21E-03	1.08E-02	4.17E-09	3.16E-06	1.30E-05	3.28E-06	1.90E-02
6082	475444.49, 3849150.34	0.0193	0.1081	0.0006	0.001	0.0013	0.0011	0.1085	0.1081	2.62E-02	2.13E-02	4.24E-09	6.56E-06	2.65E-05	6.73E-06	4.75E-02	1.28E-02	2.13E-02	4.24E-09	3.19E-06	1.29E-05	3.28E-06	3.41E-02
6083	475334.17, 3849118.71	0.0153	0.0899	0.0006	0.001	0.0013	0.0011	0.0903	0.0899	2.08E-02	1.77E-02	4.24E-09	6.56E-06	2.65E-05	6.73E-06	3.86E-02	1.01E-02	1.77E-02	4.24E-09	3.19E-06	1.29E-05	3.28E-06	2.79E-02
6084	475230.46, 3849060.57	0.0165	0.1058	0.0006	0.001	0.0013	0.0011	0.1062	0.1058	2.24E-02	2.08E-02	4.17E-09	6.50E-06	2.63E-05	6.67E-06	4.33E-02	1.09E-02	2.08E-02	4.17E-09	3.16E-06	1.28E-05	3.25E-06	3.18E-02
6085	475110.86, 3848960.97	0.0162	0.122	0.0006	0.001	0.0013	0.0011	0.1232	0.122	2.20E-02	2.40E-02	4.11E-09	6.37E-06	2.59E-05	6.55E-06	4.61E-02	1.07E-02	2.40E-02	4.11E-09	3.10E-06	1.26E-05	3.19E-06	3.48E-02
6086	475037.79, 3848896.28	0.0156	0.1279	0.0006	0.001	0.0013	0.0011	0.1292	0.1279	2.12E-02	2.52E-02	4.04E-09	6.30E-06	2.57E-05	6.49E-06	4.65E-02	1.03E-02	2.52E-02	4.04E-09	3.07E-06	1.25E-05	3.16E-06	3.56E-02
6087	474964.72, 3848831.59	0.0155	0.1332	0.0006	0.001	0.0013	0.0011	0.1344	0.1332	2.10E-02	2.62E-02	4.04E-09	6.24E-06	2.55E-05	6.42E-06	4.73E-02	1.02E-02	2.62E-02	4.04E-09	3.04E-06	1.24E-05	3.13E-06	3.65E-02
6088	474891.65, 3848766.9	0.0148	0.1364	0.0006	0.001	0.0012	0.001	0.1376	0.1364	2.01E-02	2.69E-02	3.97E-09	6.18E-06	2.53E-05	6.36E-06	4.70E-02	9.77E-03	2.69E-02	3.97E-09	3.01E-06	1.23E-05	3.10E-06	3.67E-02
6089	474818.58, 3848702.22	0.0142	0.1419	0.0006	0.001	0.0012	0.001	0.1431	0.1419	1.93E-02	2.79E-02	3.91E-09	6.11E-06	2.49E-05	6.30E-06	4.73E-02	9.42E-03	2.79E-02	3.91E-09	2.97E-06	1.21E-05	3.07E-06	3.74E-02
6090	474745.51, 3848637.53	0.0125	0.137	0.0006	0.001	0.0012	0.001	0.1382	0.137	1.70E-02	2.70E-02	3.91E-09	6.11E-06	2.47E-05	6.30E-06	4.40E-02	8.25E-03	2.70E-02	3.91E-09	2.97E-06	1.20E-05	3.07E-06	3.53E-02
6091	474672.44, 3848572.84	0.0118	0.1404	0.0006	0.0009	0.0012	0.001	0.1415	0.1404	1.60E-02	2.77E-02	3.91E-09	6.05E-06	2.45E-05	6.24E-06	4.37E-02	7.81E-03	2.77E-02	3.91E-09	2.94E-06	1.19E-05	3.04E-06	3.55E-02
6092	474599.37, 3848508.15	0.0116	0.1491	0.0006	0.0009	0.0012	0.001	0.1503	0.1491	1.58E-02	2.94E-02	3.84E-09	5.98E-06	2.43E-05	6.18E-06	4.52E-02	7.67E-03	2.94E-02	3.84E-09	2.91E-06	1.18E-05	3.01E-06	3.71E-02
6093	474526.3, 3848443.46	0.0111	0.1536	0.0006	0.0009	0.0012	0.001	0.1547	0.1536	1.51E-02	3.03E-02	3.84E-09	5.92E-06	2.41E-05	6.12E-06	4.54E-02	7.36E-03	3.03E-02	3.84E-09	2.88E-06	1.17E-05	2.98E-06	3.76E-02

Residential Risk

		Unmitigated Dose			Risk				Mitigated Dose			Risk			
	X, Y	3rd	0<2	2<9	3rd	0<2	2<9	Total Risk	3rd	0<2	2<9	3rd	0<2	2<9	Total Risk
1	485973.61, 3854936.51	1.74E-05	5.26E-05	3.04E-05	5.82E-07	1.41E-05	5.68E-07	1.52E-05	8.76E-06	2.64E-05	1.53E-05	2.93E-07	7.07E-06	2.86E-07	7.64E-06
2	486023.61, 3854936.51	1.70E-05	5.15E-05	2.98E-05	5.69E-07	1.37E-05	5.56E-07	1.49E-05	8.57E-06	2.59E-05	1.50E-05	2.86E-07	6.91E-06	2.80E-07	7.48E-06
3	486073.61, 3854936.51	1.66E-05	5.02E-05	2.90E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05	8.36E-06	2.52E-05	1.46E-05	2.79E-07	6.74E-06	2.73E-07	7.30E-06
4	486123.61, 3854936.51	1.62E-05	4.90E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05	8.16E-06	2.46E-05	1.43E-05	2.72E-07	6.58E-06	2.66E-07	7.12E-06
5	486173.61, 3854936.51	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	8.02E-06	2.42E-05	1.40E-05	2.68E-07	6.47E-06	2.62E-07	7.00E-06
6	486223.61, 3854936.51	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05	7.85E-06	2.37E-05	1.37E-05	2.62E-07	6.34E-06	2.56E-07	6.85E-06
7	486273.61, 3854936.51	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.34E-05	7.70E-06	2.33E-05	1.35E-05	2.57E-07	6.21E-06	2.51E-07	6.72E-06
8	486323.61, 3854936.51	1.50E-05	4.54E-05	2.63E-05	5.02E-07	1.21E-05	4.90E-07	1.31E-05	7.57E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06
9	485973.61, 3854986.51	1.82E-05	5.50E-05	3.18E-05	6.08E-07	1.47E-05	5.94E-07	1.59E-05	9.15E-06	2.76E-05	1.60E-05	3.06E-07	7.38E-06	2.99E-07	7.98E-06
10	486023.61, 3854986.51	1.78E-05	5.38E-05	3.11E-05	5.95E-07	1.44E-05	5.81E-07	1.55E-05	8.95E-06	2.70E-05	1.56E-05	2.99E-07	7.22E-06	2.92E-07	7.81E-06
11	486073.61, 3854986.51	1.74E-05	5.26E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05	8.75E-06	2.64E-05	1.53E-05	2.92E-07	7.06E-06	2.86E-07	7.64E-06
12	486123.61, 3854986.51	1.70E-05	5.15E-05	2.98E-05	5.69E-07	1.37E-05	5.56E-07	1.49E-05	8.57E-06	2.59E-05	1.50E-05	2.86E-07	6.91E-06	2.80E-07	7.48E-06
13	486173.61, 3854986.51	1.66E-05	5.02E-05	2.91E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05	8.36E-06	2.52E-05	1.46E-05	2.79E-07	6.75E-06	2.73E-07	7.30E-06
14	486223.61, 3854986.51	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.31E-07	1.42E-05	8.18E-06	2.47E-05	1.43E-05	2.73E-07	6.60E-06	2.67E-07	7.14E-06
15	486273.61, 3854986.51	1.59E-05	4.80E-05	2.78E-05	5.31E-07	1.28E-05	5.19E-07	1.39E-05	8.00E-06	2.42E-05	1.40E-05	2.67E-07	6.46E-06	2.61E-07	6.99E-06
16	486323.61, 3854986.51	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.11E-07	1.37E-05	7.88E-06	2.38E-05	1.38E-05	2.63E-07	6.36E-06	2.57E-07	6.88E-06
17	485973.61, 3855036.51	1.90E-05	5.75E-05	3.33E-05	6.35E-07	1.53E-05	6.21E-07	1.66E-05	9.56E-06	2.89E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.34E-06
18	486023.61, 3855036.51	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05	9.33E-06	2.82E-05	1.63E-05	3.12E-07	7.53E-06	3.05E-07	8.15E-06
19	486073.61, 3855036.51	1.81E-05	5.48E-05	3.17E-05	6.06E-07	1.46E-05	5.92E-07	1.58E-05	9.12E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.97E-07	7.95E-06
20	486123.61, 3855036.51	1.77E-05	5.36E-05	3.10E-05	5.93E-07	1.43E-05	5.79E-07	1.55E-05	8.92E-06	2.69E-05	1.56E-05	2.98E-07	7.19E-06	2.91E-07	7.78E-06
21	486173.61, 3855036.51	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.67E-07	1.52E-05	8.74E-06	2.64E-05	1.53E-05	2.92E-07	7.05E-06	2.85E-07	7.63E-06
22	486223.61, 3855036.51	1.69E-05	5.11E-05	2.96E-05	5.65E-07	1.37E-05	5.52E-07	1.48E-05	8.51E-06	2.57E-05	1.49E-05	2.84E-07	6.86E-06	2.78E-07	7.43E-06
23	486273.61, 3855036.51	1.66E-05	5.02E-05	2.90E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05	8.35E-06	2.52E-05	1.46E-05	2.79E-07	6.74E-06	2.73E-07	7.29E-06
24	486323.61, 3855036.51	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.31E-07	1.42E-05	8.18E-06	2.47E-05	1.43E-05	2.73E-07	6.60E-06	2.67E-07	7.14E-06
25	485973.61, 3855086.51	1.99E-05	5.99E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05	9.96E-06	3.01E-05	1.74E-05	3.33E-07	8.04E-06	3.25E-07	8.70E-06
26	486023.61, 3855086.51	1.94E-05	5.86E-05	3.39E-05	6.48E-07	1.56E-05	6.33E-07	1.69E-05	9.74E-06	2.94E-05	1.70E-05	3.25E-07	7.86E-06	3.18E-07	8.50E-06
27	486073.61, 3855086.51	1.89E-05	5.71E-05	3.31E-05	6.32E-07	1.53E-05	6.18E-07	1.65E-05	9.50E-06	2.87E-05	1.66E-05	3.17E-07	7.67E-06	3.10E-07	8.29E-06
28	486123.61, 3855086.51	1.85E-05	5.59E-05	3.23E-05	6.18E-07	1.49E-05	6.04E-07	1.61E-05	9.29E-06	2.81E-05	1.62E-05	3.10E-07	7.50E-06	3.03E-07	8.11E-06
29	486173.61, 3855086.51	1.81E-05	5.46E-05	3.16E-05	6.04E-07	1.46E-05	5.90E-07	1.58E-05	9.08E-06	2.74E-05	1.59E-05	3.03E-07	7.33E-06	2.96E-07	7.93E-06
30	486223.61, 3855086.51	1.77E-05	5.34E-05	3.09E-05	5.91E-07	1.43E-05	5.78E-07	1.54E-05	8.89E-06	2.69E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06
31	485973.61, 3855136.51	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.67E-05	6.74E-07	1.80E-05	1.04E-05	3.13E-05	1.81E-05	3.46E-07	8.36E-06	3.38E-07	9.04E-06
32	486023.61, 3855136.51	2.02E-05	6.09E-05	3.53E-05	6.74E-07	1.63E-05	6.58E-07	1.76E-05	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.30E-07	8.84E-06
33	486073.61, 3855136.51	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05	9.90E-06	2.99E-05	1.73E-05	3.31E-07	7.99E-06	3.23E-07	8.64E-06
34	486123.61, 3855136.51	1.93E-05	5.82E-05	3.37E-05	6.44E-07	1.55E-05	6.29E-07	1.68E-05	9.68E-06	2.92E-05	1.69E-05	3.23E-07	7.81E-06	3.16E-07	8.44E-06
35	486173.61, 3855136.51	1.88E-05	5.68E-05	3.29E-05	6.29E-07	1.52E-05	6.14E-07	1.64E-05	9.45E-06	2.85E-05	1.65E-05	3.16E-07	7.62E-06	3.08E-07	8.25E-06
36	486223.61, 3855136.51	1.84E-05	5.56E-05	3.22E-05	6.15E-07	1.48E-05	6.01E-07	1.61E-05	9.24E-06	2.79E-05	1.62E-05	3.09E-07	7.46E-06	3.02E-07	8.07E-06
37	485973.61, 3855186.51	2.14E-05	6.47E-05	3.75E-05	7.16E-07	1.73E-05	7.00E-07	1.87E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
38	486023.61, 3855186.51	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05	1.05E-05	3.17E-05	1.84E-05	3.51E-07	8.48E-06	3.43E-07	9.17E-06
39	486073.61, 3855186.51	2.05E-05	6.19E-05	3.58E-05	6.84E-07	1.65E-05	6.68E-07	1.79E-05	1.03E-05	3.10E-05	1.80E-05	3.43E-07	8.29E-06	3.35E-07	8.97E-06
40	486123.61, 3855186.51	2.00E-05	6.05E-05	3.50E-05	6.69E-07	1.62E-05	6.54E-07	1.75E-05	1.01E-05	3.04E-05	1.76E-05	3.36E-07	8.11E-06	3.28E-07	8.78E-06
41	486173.61, 3855186.51	1.96E-05	5.91E-05	3.42E-05	6.54E-07	1.58E-05	6.39E-07	1.71E-05	9.83E-06	2.97E-05	1.72E-05	3.28E-07	7.93E-06	3.21E-07	8.58E-06
42	486223.61, 3855186.51	1.91E-05	5.78E-05	3.34E-05	6.39E-07	1.54E-05	6.24E-07	1.67E-05	9.60E-06	2.90E-05	1.68E-05	3.21E-07	7.74E-06	3.13E-07	8.38E-06
43	486273.61, 3855186.51	1.87E-05	5.64E-05	3.27E-05	6.24E-07	1.51E-05	6.10E-07	1.63E-05	9.38E-06	2.83E-05	1.64E-05	3.13E-07	7.57E-06	3.06E-07	8.19E-06
44	486323.61, 3855186.51	1.83E-05	5.54E-05	3.20E-05	6.12E-07	1.48E-05	5.98E-07	1.60E-05	9.21E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06
45	485973.61, 3855236.51	2.23E-05	6.72E-05	3.89E-05	7.43E-07	1.80E-05	7.26E-07	1.94E-05	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.00E-06	3.64E-07	9.74E-06
46	486023.61, 3855236.51	2.18E-05	6.57E-05	3.80E-05	7.26E-07	1.75E-05	7.10E-07	1.90E-05	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06
47	486073.61, 3855236.51	2.13E-05	6.42E-05	3.72E-05	7.10E-07	1.72E-05	6.94E-07	1.86E-05	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.31E-06
48	486123.61, 3855236.51	2.08E-05	6.28E-05	3.63E-05	6.94E-07	1.68E-05	6.78E-07	1.81E-05	1.04E-05	3.15E-05	1.82E-05	3.48E-07	8.41E-06	3.40E-07	9.10E-06
49	486173.61, 3855236.51	2.03E-05	6.14E-05	3.55E-05	6.79E-07	1.64E-05	6.63E-07	1.77E-05	1.02E-05	3.08E-05	1.78E-05	3.41E-07	8.23E-06	3.33E-07	8.90E-06
50	486223.61, 3855236.51	1.99E-05	6.00E-05	3.47E-05	6.64E-07	1.60E-05	6.49E-07	1.73E-05	9.97E-06	3.01E-05	1.74E-05	3.33E-07	8.05E-06	3.25E-07	8.70E-06
51	486273.61, 3855236.51	1.94E-05	5.85E-05	3.39E-05	6.47E-07	1.56E-05	6.33E-07	1.69E-05	9.73E-06	2.94E-05	1.70E-05	3.25E-07	7.85E-06	3.17E-07	8.49E-06
52	486323.61, 3855236.51	1.90E-05	5.75E-05	3.33E-05	6.35E-07	1.53E-05	6.21E-07	1.66E-05	9.55E-06	2.88E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.34E-06
53	485973.61, 3855286.51	2.31E-05	6.98E-05	4.04E-05	7.72E-07	1.86E-05	7.54E-07	2.02E-05	1.16E-05	3.50E-05	2.03E-05	3.87E-07	9.35E-06	3.78E-07	1.01E-05
54	486023.61, 3855286.51	2.26E-05	6.82E-05	3.95E-05	7.54E-07	1.82E-05	7.37E-07	1.97E-05	1.13E-05	3.42E-05	1.98E-05	3.78E-07	9.13E-06	3.69E-07	9.88E-06
55	486073.61, 3855286.51	2.21E-05	6.66E-05	3.86E-05	7.36E-07	1.78E-05	7.20E-07	1.92E-05	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.65E-06
56	486123.61, 3855286.51	2.16E-05	6.51E-05	3.77E-05	7.20E-07	1.74E-05	7.04E-07	1.88E-05	1.08E-05	3.26E-05	1.89E-05	3.61E-07	8.72E-06	3.53E-07	9.43E-06
57	486173.61, 3855286.51	2.11E-05	6.36E-05	3.68E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.53E-06	3.45E-07	9.22E-06
58	486223.61, 3855286.51	2.06E-05	6.22E-05	3.60E-05	6.88E-07	1.66E-05	6.72E-07	1.80E-05	1.03E-05	3.12E-05	1.81E-05	3.45E-07	8.34E-06	3.37E-07	9.02E-06

59	486123.61, 3855336.51	2.24E-05	6.75E-05	3.91E-05	7.47E-07	1.80E-05	7.30E-07	1.95E-05	1.12E-05	3.38E-05	1.96E-05	3.74E-07	9.04E-06	3.66E-07	9.78E-06
60	486173.61, 3855336.51	2.18E-05	6.59E-05	3.82E-05	7.29E-07	1.76E-05	7.13E-07	1.91E-05	1.09E-05	3.31E-05	1.91E-05	3.66E-07	8.83E-06	3.57E-07	9.55E-06
61	486223.61, 3855336.51	2.13E-05	6.45E-05	3.73E-05	7.13E-07	1.72E-05	6.97E-07	1.86E-05	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.63E-06	3.49E-07	9.34E-06
62	486123.61, 3855386.51	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.56E-07	2.02E-05	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.37E-06	3.79E-07	1.01E-05
63	486173.61, 3855386.51	2.26E-05	6.83E-05	3.96E-05	7.56E-07	1.83E-05	7.38E-07	1.97E-05	1.13E-05	3.42E-05	1.98E-05	3.79E-07	9.15E-06	3.70E-07	9.90E-06
64	486223.61, 3855386.51	2.21E-05	6.67E-05	3.86E-05	7.38E-07	1.78E-05	7.21E-07	1.93E-05	1.11E-05	3.34E-05	1.94E-05	3.70E-07	8.93E-06	3.61E-07	9.67E-06
65	486533.18, 3855443.15	2.00E-05	6.04E-05	3.50E-05	6.68E-07	1.61E-05	6.53E-07	1.75E-05	1.00E-05	3.03E-05	1.76E-05	3.35E-07	8.10E-06	3.28E-07	8.76E-06
66	486583.18, 3855443.15	1.96E-05	5.92E-05	3.43E-05	6.55E-07	1.58E-05	6.40E-07	1.71E-05	9.84E-06	2.97E-05	1.72E-05	3.29E-07	7.94E-06	3.21E-07	8.59E-06
67	486633.18, 3855443.15	1.92E-05	5.80E-05	3.36E-05	6.42E-07	1.55E-05	6.27E-07	1.68E-05	9.64E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.41E-06
68	486683.18, 3855443.15	1.88E-05	5.69E-05	3.29E-05	6.29E-07	1.52E-05	6.14E-07	1.64E-05	9.45E-06	2.85E-05	1.65E-05	3.16E-07	7.62E-06	3.08E-07	8.25E-06
69	486533.18, 3855493.15	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.74E-07	1.80E-05	1.04E-05	3.13E-05	1.81E-05	3.46E-07	8.36E-06	3.38E-07	9.04E-06
70	486583.18, 3855493.15	2.02E-05	6.11E-05	3.54E-05	6.76E-07	1.63E-05	6.60E-07	1.77E-05	1.01E-05	3.06E-05	1.77E-05	3.39E-07	8.19E-06	3.31E-07	8.86E-06
71	486633.18, 3855493.15	1.98E-05	5.99E-05	3.47E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05	9.95E-06	3.00E-05	1.74E-05	3.32E-07	8.02E-06	3.25E-07	8.68E-06
72	486683.18, 3855493.15	1.94E-05	5.87E-05	3.40E-05	6.49E-07	1.57E-05	6.34E-07	1.70E-05	9.75E-06	2.94E-05	1.70E-05	3.26E-07	7.86E-06	3.18E-07	8.51E-06
73	486533.18, 3855543.15	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.62E-06	3.49E-07	9.32E-06
74	486583.18, 3855543.15	2.09E-05	6.30E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.44E-06	3.41E-07	9.13E-06
75	486633.18, 3855543.15	2.04E-05	6.17E-05	3.57E-05	6.83E-07	1.65E-05	6.67E-07	1.78E-05	1.03E-05	3.10E-05	1.79E-05	3.42E-07	8.27E-06	3.35E-07	8.95E-06
76	486683.18, 3855543.15	2.00E-05	6.05E-05	3.50E-05	6.69E-07	1.62E-05	6.54E-07	1.75E-05	1.01E-05	3.03E-05	1.76E-05	3.36E-07	8.11E-06	3.28E-07	8.77E-06
77	486533.18, 3855593.15	2.20E-05	6.64E-05	3.84E-05	7.34E-07	1.77E-05	7.17E-07	1.92E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.89E-06	3.60E-07	9.62E-06
78	486583.18, 3855593.15	2.15E-05	6.50E-05	3.76E-05	7.19E-07	1.74E-05	7.02E-07	1.88E-05	1.08E-05	3.26E-05	1.89E-05	3.60E-07	8.70E-06	3.52E-07	9.41E-06
79	486633.18, 3855593.15	2.11E-05	6.36E-05	3.68E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.45E-07	9.22E-06
80	486683.18, 3855593.15	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05	1.03E-05	3.12E-05	1.81E-05	3.46E-07	8.35E-06	3.38E-07	9.03E-06
81	486533.18, 3855643.15	2.27E-05	6.85E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
82	486583.18, 3855643.15	2.22E-05	6.70E-05	3.88E-05	7.41E-07	1.79E-05	7.24E-07	1.94E-05	1.11E-05	3.36E-05	1.94E-05	3.71E-07	8.97E-06	3.63E-07	9.71E-06
83	486633.18, 3855643.15	2.17E-05	6.56E-05	3.80E-05	7.25E-07	1.75E-05	7.09E-07	1.90E-05	1.09E-05	3.29E-05	1.90E-05	3.64E-07	8.78E-06	3.55E-07	9.50E-06
84	486683.18, 3855643.15	2.13E-05	6.42E-05	3.72E-05	7.10E-07	1.72E-05	6.94E-07	1.86E-05	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.30E-06
85	486533.18, 3855693.15	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05	1.17E-05	3.54E-05	2.05E-05	3.91E-07	9.45E-06	3.82E-07	1.02E-05
86	486583.18, 3855693.15	2.29E-05	6.91E-05	4.00E-05	7.65E-07	1.85E-05	7.47E-07	2.00E-05	1.15E-05	3.46E-05	2.01E-05	3.83E-07	9.25E-06	3.74E-07	1.00E-05
87	486633.18, 3855693.15	2.24E-05	6.77E-05	3.92E-05	7.49E-07	1.81E-05	7.31E-07	1.96E-05	1.12E-05	3.39E-05	1.96E-05	3.75E-07	9.06E-06	3.67E-07	9.80E-06
88	486683.18, 3855693.15	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.15E-07	1.91E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.86E-06	3.58E-07	9.58E-06
89	486733.18, 3855693.15	2.14E-05	6.47E-05	3.74E-05	7.15E-07	1.73E-05	6.99E-07	1.87E-05	1.07E-05	3.24E-05	1.88E-05	3.59E-07	8.66E-06	3.50E-07	9.37E-06
90	486783.18, 3855693.15	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05	1.05E-05	3.17E-05	1.84E-05	3.51E-07	8.47E-06	3.43E-07	9.17E-06
91	486533.18, 3855743.15	2.41E-05	7.29E-05	4.22E-05	8.06E-07	1.95E-05	7.88E-07	2.11E-05	1.21E-05	3.65E-05	2.11E-05	4.04E-07	9.76E-06	3.95E-07	1.06E-05
92	486583.18, 3855743.15	2.36E-05	7.14E-05	4.13E-05	7.90E-07	1.91E-05	7.72E-07	2.06E-05	1.18E-05	3.58E-05	2.07E-05	3.95E-07	9.55E-06	3.86E-07	1.03E-05
93	486633.18, 3855743.15	2.31E-05	6.98E-05	4.04E-05	7.72E-07	1.86E-05	7.54E-07	2.02E-05	1.16E-05	3.50E-05	2.02E-05	3.87E-07	9.34E-06	3.78E-07	1.01E-05
94	486683.18, 3855743.15	2.26E-05	6.81E-05	3.94E-05	7.53E-07	1.82E-05	7.36E-07	1.97E-05	1.13E-05	3.41E-05	1.98E-05	3.78E-07	9.12E-06	3.69E-07	9.87E-06
95	486733.18, 3855743.15	2.21E-05	6.66E-05	3.86E-05	7.37E-07	1.78E-05	7.20E-07	1.93E-05	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.65E-06
96	486783.18, 3855743.15	2.15E-05	6.50E-05	3.76E-05	7.19E-07	1.74E-05	7.03E-07	1.88E-05	1.08E-05	3.26E-05	1.89E-05	3.61E-07	8.71E-06	3.52E-07	9.43E-06
97	486533.18, 3855793.15	2.49E-05	7.53E-05	4.36E-05	8.33E-07	2.01E-05	8.14E-07	2.18E-05	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.08E-07	1.09E-05
98	486583.18, 3855793.15	2.44E-05	7.38E-05	4.27E-05	8.16E-07	1.97E-05	7.98E-07	2.13E-05	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.87E-06	3.99E-07	1.07E-05
99	486633.18, 3855793.15	2.38E-05	7.19E-05	4.16E-05	7.95E-07	1.92E-05	7.77E-07	2.08E-05	1.19E-05	3.60E-05	2.09E-05	3.98E-07	9.62E-06	3.89E-07	1.04E-05
100	486683.18, 3855793.15	2.32E-05	7.01E-05	4.06E-05	7.76E-07	1.87E-05	7.58E-07	2.03E-05	1.16E-05	3.51E-05	2.03E-05	3.89E-07	9.39E-06	3.80E-07	1.02E-05
101	486733.18, 3855793.15	2.27E-05	6.85E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
102	486783.18, 3855793.15	2.22E-05	6.69E-05	3.87E-05	7.40E-07	1.79E-05	7.23E-07	1.93E-05	1.11E-05	3.36E-05	1.94E-05	3.71E-07	8.96E-06	3.63E-07	9.70E-06
103	486533.18, 3855843.15	2.58E-05	7.80E-05	4.52E-05	8.63E-07	2.08E-05	8.43E-07	2.25E-05	1.29E-05	3.91E-05	2.26E-05	4.32E-07	1.04E-05	4.22E-07	1.13E-05
104	486583.18, 3855843.15	2.52E-05	7.62E-05	4.41E-05	8.43E-07	2.04E-05	8.24E-07	2.20E-05	1.26E-05	3.82E-05	2.21E-05	4.22E-07	1.02E-05	4.12E-07	1.10E-05
105	486633.18, 3855843.15	2.46E-05	7.42E-05	4.29E-05	8.20E-07	1.98E-05	8.02E-07	2.14E-05	1.23E-05	3.72E-05	2.15E-05	4.11E-07	9.92E-06	4.01E-07	1.07E-05
106	486683.18, 3855843.15	2.39E-05	7.23E-05	4.18E-05	7.99E-07	1.93E-05	7.81E-07	2.09E-05	1.20E-05	3.62E-05	2.10E-05	4.00E-07	9.67E-06	3.91E-07	1.05E-05
107	486733.18, 3855843.15	2.33E-05	7.05E-05	4.08E-05	7.79E-07	1.88E-05	7.62E-07	2.04E-05	1.17E-05	3.53E-05	2.04E-05	3.91E-07	9.44E-06	3.82E-07	1.02E-05
108	486783.18, 3855843.15	2.28E-05	6.88E-05	3.98E-05	7.61E-07	1.84E-05	7.43E-07	1.99E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.22E-06	3.73E-07	9.97E-06
109	486533.18, 3855893.15	2.69E-05	8.11E-05	4.69E-05	8.97E-07	2.17E-05	8.76E-07	2.34E-05	1.34E-05	4.06E-05	2.35E-05	4.49E-07	1.08E-05	4.38E-07	1.17E-05
110	486583.18, 3855893.15	2.61E-05	7.87E-05	4.56E-05	8.71E-07	2.10E-05	8.51E-07	2.28E-05	1.31E-05	3.94E-05	2.28E-05	4.36E-07	1.05E-05	4.26E-07	1.14E-05
111	486633.18, 3855893.15	2.54E-05	7.66E-05	4.43E-05	8.47E-07	2.05E-05	8.28E-07	2.21E-05	1.27E-05	3.83E-05	2.22E-05	4.24E-07	1.02E-05	4.14E-07	1.11E-05
112	486683.18, 3855893.15	2.47E-05	7.45E-05	4.31E-05	8.24E-07	1.99E-05	8.05E-07	2.15E-05	1.24E-05	3.73E-05	2.16E-05	4.13E-07	9.97E-06	4.03E-07	1.08E-05
113	486733.18, 3855893.15	2.40E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.84E-07	2.10E-05	1.20E-05	3.64E-05	2.11E-05	4.02E-07	9.72E-06	3.93E-07	1.05E-05
114	486783.18, 3855893.15	2.34E-05	7.07E-05	4.09E-05	7.82E-07	1.89E-05	7.64E-07	2.04E-05	1.17E-05	3.55E-05	2.05E-05	3.92E-07	9.47E-06	3.83E-07	1.03E-05
115	486533.18, 3855943.15	2.79E-05	8.41E-05	4.87E-05	9.30E-07	2.25E-05	9.09E-07	2.43E-05	1.39E-05	4.21E-05	2.44E-05	4.65E-07	1.12E-05	4.55E-07	1.22E-05
116	486583.18, 3855943.15	2.70E-05	8.14E-05	4.71E-05	9.00E-07	2.17E-05	8.80E-07	2.35E-05	1.35E-05	4.07E-05	2.36E-05	4.51E-07	1.09E-05	4.40E-07	1.18E-05
117	486633.18, 3855943.15	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.14E-05
118	486683.18, 3855943.15	2.54E-05	7.68E-05	4.45E-05	8.49E-07	2.05E-05	8.30E-07	2.22E-05	1.27E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05
119	486733.18, 3855943.15	2.48E-05	7.48E-05	4.33E-05	8.27E-07	2.00E-05	8.08E-07	2.16E-05	1.24E-05	3.75E-05	2.17E-05	4.14E-07	1.00E-05	4.05E-07	1.08E-05
120	486783.18, 3855943.15	2.41E-05	7.28E-05	4.21E-05	8.05E-07	1.94E-05	7.87E-07	2.10E-05	1.21E-05	3.65E-05	2.11E-05	4.04E-07	9.75E-06	3.94E-07	1.05E-05

121	486533.18, 3855993.15	2.89E-05	8.73E-05	5.05E-05	9.65E-07	2.33E-05	9.43E-07	2.52E-05	1.45E-05	4.36E-05	2.53E-05	4.83E-07	1.17E-05	4.72E-07	1.26E-05
122	486583.18, 3855993.15	2.79E-05	8.44E-05	4.88E-05	9.33E-07	2.25E-05	9.12E-07	2.44E-05	1.40E-05	4.22E-05	2.44E-05	4.67E-07	1.13E-05	4.56E-07	1.22E-05
123	486633.18, 3855993.15	2.71E-05	8.18E-05	4.73E-05	9.05E-07	2.18E-05	8.84E-07	2.36E-05	1.36E-05	4.09E-05	2.37E-05	4.53E-07	1.09E-05	4.42E-07	1.18E-05
124	486683.18, 3855993.15	2.63E-05	7.93E-05	4.59E-05	8.77E-07	2.12E-05	8.57E-07	2.29E-05	1.32E-05	3.97E-05	2.30E-05	4.39E-07	1.06E-05	4.29E-07	1.15E-05
125	486733.18, 3855993.15	2.55E-05	7.71E-05	4.46E-05	8.53E-07	2.06E-05	8.33E-07	2.23E-05	1.28E-05	3.86E-05	2.24E-05	4.27E-07	1.03E-05	4.18E-07	1.12E-05
126	486783.18, 3855993.15	2.48E-05	7.50E-05	4.34E-05	8.29E-07	2.00E-05	8.10E-07	2.17E-05	1.24E-05	3.76E-05	2.18E-05	4.16E-07	1.00E-05	4.06E-07	1.09E-05
127	486533.18, 3856043.15	3.01E-05	9.08E-05	5.25E-05	1.00E-06	2.42E-05	9.81E-07	2.62E-05	1.50E-05	4.54E-05	2.63E-05	5.02E-07	1.21E-05	4.90E-07	1.31E-05
128	486583.18, 3856043.15	2.90E-05	8.75E-05	5.07E-05	9.68E-07	2.34E-05	9.46E-07	2.53E-05	1.45E-05	4.38E-05	2.53E-05	4.84E-07	1.17E-05	4.73E-07	1.27E-05
129	486633.18, 3856043.15	2.81E-05	8.47E-05	4.90E-05	9.37E-07	2.26E-05	9.15E-07	2.45E-05	1.40E-05	4.24E-05	2.45E-05	4.69E-07	1.13E-05	4.58E-07	1.23E-05
130	486683.18, 3856043.15	2.72E-05	8.20E-05	4.75E-05	9.07E-07	2.19E-05	8.86E-07	2.37E-05	1.36E-05	4.11E-05	2.38E-05	4.54E-07	1.10E-05	4.44E-07	1.19E-05
131	486733.18, 3856043.15	2.64E-05	7.96E-05	4.61E-05	8.80E-07	2.13E-05	8.60E-07	2.30E-05	1.32E-05	3.99E-05	2.31E-05	4.41E-07	1.07E-05	4.31E-07	1.15E-05
132	486783.18, 3856043.15	2.56E-05	7.73E-05	4.47E-05	8.54E-07	2.06E-05	8.35E-07	2.23E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.19E-07	1.12E-05
133	486533.18, 3856093.15	3.13E-05	9.45E-05	5.47E-05	1.05E-06	2.53E-05	1.02E-06	2.73E-05	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.11E-07	1.37E-05
134	486583.18, 3856093.15	3.01E-05	9.10E-05	5.27E-05	1.01E-06	2.43E-05	9.84E-07	2.63E-05	1.51E-05	4.55E-05	2.64E-05	5.04E-07	1.22E-05	4.92E-07	1.32E-05
135	486633.18, 3856093.15	2.91E-05	8.79E-05	5.09E-05	9.72E-07	2.35E-05	9.50E-07	2.54E-05	1.46E-05	4.40E-05	2.55E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05
136	486683.18, 3856093.15	2.81E-05	8.49E-05	4.92E-05	9.39E-07	2.27E-05	9.18E-07	2.45E-05	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.59E-07	1.23E-05
137	486733.18, 3856093.15	2.72E-05	8.23E-05	4.76E-05	9.10E-07	2.20E-05	8.89E-07	2.38E-05	1.36E-05	4.12E-05	2.39E-05	4.56E-07	1.10E-05	4.45E-07	1.19E-05
138	486783.18, 3856093.15	2.64E-05	7.98E-05	4.62E-05	8.82E-07	2.13E-05	8.62E-07	2.31E-05	1.32E-05	4.00E-05	2.31E-05	4.42E-07	1.07E-05	4.32E-07	1.16E-05
139	486533.18, 3856143.15	3.28E-05	9.89E-05	5.73E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05	1.64E-05	4.94E-05	2.86E-05	5.47E-07	1.32E-05	5.34E-07	1.43E-05
140	486583.18, 3856143.15	3.15E-05	9.50E-05	5.50E-05	1.05E-06	2.54E-05	1.03E-06	2.75E-05	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05
141	486633.18, 3856143.15	3.03E-05	9.14E-05	5.29E-05	1.01E-06	2.44E-05	9.88E-07	2.64E-05	1.51E-05	4.57E-05	2.65E-05	5.06E-07	1.22E-05	4.94E-07	1.32E-05
142	486683.18, 3856143.15	2.92E-05	8.81E-05	5.10E-05	9.75E-07	2.35E-05	9.53E-07	2.55E-05	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.77E-07	1.28E-05
143	486733.18, 3856143.15	2.82E-05	8.52E-05	4.93E-05	9.42E-07	2.28E-05	9.21E-07	2.46E-05	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05
144	486783.18, 3856143.15	2.73E-05	8.24E-05	4.77E-05	9.11E-07	2.20E-05	8.90E-07	2.38E-05	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.46E-07	1.19E-05
145	486533.18, 3856193.15	3.44E-05	1.04E-04	6.01E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05	1.72E-05	5.19E-05	3.00E-05	5.74E-07	1.39E-05	5.60E-07	1.50E-05
146	486583.18, 3856193.15	3.29E-05	9.94E-05	5.76E-05	1.10E-06	2.66E-05	1.07E-06	2.87E-05	1.65E-05	4.97E-05	2.88E-05	5.50E-07	1.33E-05	5.37E-07	1.44E-05
147	486633.18, 3856193.15	3.16E-05	9.53E-05	5.52E-05	1.05E-06	2.55E-05	1.03E-06	2.75E-05	1.58E-05	4.77E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05
148	486683.18, 3856193.15	3.03E-05	9.16E-05	5.30E-05	1.01E-06	2.45E-05	9.90E-07	2.65E-05	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05
149	486733.18, 3856193.15	2.93E-05	8.83E-05	5.11E-05	9.77E-07	2.36E-05	9.55E-07	2.55E-05	1.47E-05	4.42E-05	2.56E-05	4.89E-07	1.18E-05	4.78E-07	1.28E-05
150	486783.18, 3856193.15	2.82E-05	8.52E-05	4.93E-05	9.43E-07	2.28E-05	9.21E-07	2.46E-05	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.62E-07	1.23E-05
151	486533.18, 3856243.15	3.63E-05	1.10E-04	6.35E-05	1.21E-06	2.93E-05	1.18E-06	3.17E-05	1.81E-05	5.47E-05	3.17E-05	6.05E-07	1.46E-05	5.91E-07	1.58E-05
152	486583.18, 3856243.15	3.46E-05	1.04E-04	6.04E-05	1.15E-06	2.79E-05	1.13E-06	3.02E-05	1.73E-05	5.21E-05	3.02E-05	5.77E-07	1.39E-05	5.63E-07	1.51E-05
153	486633.18, 3856243.15	3.30E-05	9.97E-05	5.77E-05	1.10E-06	2.66E-05	1.08E-06	2.88E-05	1.65E-05	4.99E-05	2.89E-05	5.51E-07	1.33E-05	5.39E-07	1.44E-05
154	486683.18, 3856243.15	3.17E-05	9.56E-05	5.53E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05	1.58E-05	4.78E-05	2.77E-05	5.29E-07	1.28E-05	5.17E-07	1.38E-05
155	486733.18, 3856243.15	3.04E-05	9.18E-05	5.31E-05	1.02E-06	2.45E-05	9.92E-07	2.65E-05	1.52E-05	4.60E-05	2.66E-05	5.08E-07	1.23E-05	4.97E-07	1.33E-05
156	486783.18, 3856243.15	2.93E-05	8.85E-05	5.12E-05	9.79E-07	2.36E-05	9.56E-07	2.56E-05	1.47E-05	4.43E-05	2.57E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05
157	486533.18, 3856293.15	3.86E-05	1.16E-04	6.74E-05	1.29E-06	3.11E-05	1.26E-06	3.37E-05	1.92E-05	5.81E-05	3.36E-05	6.43E-07	1.55E-05	6.28E-07	1.68E-05
158	486583.18, 3856293.15	3.65E-05	1.10E-04	6.38E-05	1.22E-06	2.94E-05	1.19E-06	3.18E-05	1.82E-05	5.50E-05	3.18E-05	6.08E-07	1.47E-05	5.95E-07	1.59E-05
159	486633.18, 3856293.15	3.47E-05	1.05E-04	6.06E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	1.73E-05	5.23E-05	3.03E-05	5.79E-07	1.40E-05	5.66E-07	1.51E-05
160	486683.18, 3856293.15	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05	1.66E-05	5.00E-05	2.90E-05	5.53E-07	1.34E-05	5.41E-07	1.45E-05
161	486733.18, 3856293.15	3.17E-05	9.57E-05	5.54E-05	1.06E-06	2.56E-05	1.03E-06	2.77E-05	1.59E-05	4.79E-05	2.77E-05	5.30E-07	1.28E-05	5.18E-07	1.38E-05
162	486783.18, 3856293.15	3.05E-05	9.20E-05	5.33E-05	1.02E-06	2.46E-05	9.95E-07	2.66E-05	1.53E-05	4.61E-05	2.67E-05	5.10E-07	1.23E-05	4.98E-07	1.33E-05
163	486783.18, 3856343.15	3.18E-05	9.59E-05	5.55E-05	1.06E-06	2.56E-05	1.04E-06	2.77E-05	1.59E-05	4.80E-05	2.78E-05	5.31E-07	1.28E-05	5.19E-07	1.39E-05
164	486833.18, 3856343.15	3.05E-05	9.21E-05	5.33E-05	1.02E-06	2.46E-05	9.95E-07	2.66E-05	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.33E-05
165	486883.18, 3856343.15	2.94E-05	8.87E-05	5.13E-05	9.81E-07	2.37E-05	9.59E-07	2.56E-05	1.47E-05	4.45E-05	2.58E-05	4.92E-07	1.19E-05	4.81E-07	1.29E-05
166	486783.18, 3856393.15	3.33E-05	1.00E-04	5.82E-05	1.11E-06	2.68E-05	1.09E-06	2.90E-05	1.67E-05	5.03E-05	2.91E-05	5.56E-07	1.34E-05	5.44E-07	1.45E-05
167	486833.18, 3856393.15	3.18E-05	9.62E-05	5.57E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05
168	486883.18, 3856393.15	3.06E-05	9.24E-05	5.35E-05	1.02E-06	2.47E-05	9.99E-07	2.67E-05	1.53E-05	4.63E-05	2.68E-05	5.12E-07	1.24E-05	5.01E-07	1.34E-05
169	487208.74, 3856886.11	4.55E-05	1.37E-04	7.95E-05	1.52E-06	3.67E-05	1.48E-06	3.97E-05	2.27E-05	6.85E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05
170	487258.74, 3856886.11	4.67E-05	1.41E-04	8.16E-05	1.56E-06	3.76E-05	1.52E-06	4.07E-05	2.33E-05	7.02E-05	4.07E-05	7.77E-07	1.88E-05	7.59E-07	2.03E-05
171	487308.74, 3856886.11	4.68E-05	1.41E-04	8.17E-05	1.56E-06	3.77E-05	1.53E-06	4.08E-05	2.33E-05	7.03E-05	4.07E-05	7.78E-07	1.88E-05	7.60E-07	2.03E-05
172	487358.74, 3856886.11	4.64E-05	1.40E-04	8.11E-05	1.55E-06	3.74E-05	1.51E-06	4.05E-05	2.31E-05	6.98E-05	4.04E-05	7.72E-07	1.86E-05	7.54E-07	2.02E-05
173	487208.74, 3856936.11	4.99E-05	1.51E-04	8.72E-05	1.67E-06	4.02E-05	1.63E-06	4.35E-05	2.49E-05	7.50E-05	4.34E-05	8.30E-07	2.00E-05	8.11E-07	2.17E-05
174	487258.74, 3856936.11	4.99E-05	1.51E-04	8.73E-05	1.67E-06	4.03E-05	1.63E-06	4.36E-05	2.49E-05	7.51E-05	4.35E-05	8.30E-07	2.01E-05	8.11E-07	2.17E-05
175	487308.74, 3856936.11	4.96E-05	1.50E-04	8.67E-05	1.66E-06	4.00E-05	1.62E-06	4.33E-05	2.47E-05	7.45E-05	4.31E-05	8.24E-07	1.99E-05	8.05E-07	2.15E-05
176	487358.74, 3856936.11	4.91E-05	1.48E-04	8.58E-05	1.64E-06	3.96E-05	1.60E-06	4.28E-05	2.44E-05	7.38E-05	4.27E-05	8.16E-07	1.97E-05	7.97E-07	2.13E-05
177	487208.74, 3856986.11	5.22E-05	1.58E-04	9.12E-05	1.74E-06	4.21E-05	1.70E-06	4.56E-05	2.60E-05	7.85E-05	4.55E-05	8.68E-07	2.10E-05	8.49E-07	2.27E-05
178	487258.74, 3856986.11	5.16E-05	1.56E-04	9.01E-05	1.72E-06	4.16E-05	1.68E-06	4.50E-05	2.57E-05	7.76E-05	4.49E-05	8.58E-07	2.07E-05	8.38E-07	2.24E-05
179	487308.74, 3856986.11	5.11E-05	1.54E-04	8.93E-05	1.71E-06	4.12E-05	1.67E-06	4.46E-05	2.54E-05	7.68E-05	4.44E-05	8.49E-07	2.05E-05	8.30E-07	2.22E-05
180	487358.74, 3856986.11	5.03E-05	1.52E-04	8.80E-05	1.68E-06	4.06E-05	1.64E-06	4.39E-05	2.51E-05	7.57E-05	4.38E-05	8.37E-07	2.02E-05	8.18E-07	2.19E-05
181	487208.74, 3857036.11	5.42E-05	1.64E-04	9.47E-05	1.81E-06	4.37E-05	1.77E-06	4.73E-05	2.70E-05	8.15E-05	4.72E-05	9.02E-07	2.18E-05	8.81E-07	2.36E-05
182	487258.74, 3857036.11	5.26E-05	1.59E-04	9.19E-05	1.75E-06	4.24E-05	1.71E-06	4.59E-05	2.62E-05	7.91E-05	4.58E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05

183	487308.74, 3857036.11	5.18E-05	1.56E-04	9.06E-05	1.73E-06	4.18E-05	1.69E-06	4.52E-05	2.58E-05	7.80E-05	4.51E-05	8.62E-07	2.08E-05	8.43E-07	2.25E-05
184	487358.74, 3857036.11	5.12E-05	1.54E-04	8.94E-05	1.71E-06	4.13E-05	1.67E-06	4.46E-05	2.55E-05	7.69E-05	4.45E-05	8.51E-07	2.06E-05	8.31E-07	2.22E-05
185	487427.14, 3856878.23	4.44E-05	1.34E-04	7.76E-05	1.48E-06	3.58E-05	1.45E-06	3.88E-05	2.21E-05	6.68E-05	3.87E-05	7.39E-07	1.78E-05	7.22E-07	1.93E-05
186	487477.14, 3856878.23	4.32E-05	1.30E-04	7.55E-05	1.44E-06	3.48E-05	1.41E-06	3.77E-05	2.15E-05	6.50E-05	3.76E-05	7.19E-07	1.74E-05	7.02E-07	1.88E-05
187	487527.14, 3856878.23	4.12E-05	1.24E-04	7.20E-05	1.37E-06	3.32E-05	1.34E-06	3.59E-05	2.05E-05	6.20E-05	3.59E-05	6.86E-07	1.66E-05	6.70E-07	1.79E-05
188	487427.14, 3856928.23	4.77E-05	1.44E-04	8.35E-05	1.59E-06	3.85E-05	1.56E-06	4.17E-05	2.38E-05	7.18E-05	4.15E-05	7.94E-07	1.92E-05	7.76E-07	2.07E-05
189	487477.14, 3856928.23	4.69E-05	1.42E-04	8.20E-05	1.57E-06	3.78E-05	1.53E-06	4.09E-05	2.33E-05	7.05E-05	4.08E-05	7.79E-07	1.88E-05	7.62E-07	2.04E-05
190	487527.14, 3856928.23	4.55E-05	1.37E-04	7.96E-05	1.52E-06	3.67E-05	1.49E-06	3.97E-05	2.27E-05	6.84E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05
191	487577.14, 3856928.23	4.44E-05	1.34E-04	7.76E-05	1.48E-06	3.58E-05	1.45E-06	3.88E-05	2.21E-05	6.68E-05	3.87E-05	7.39E-07	1.78E-05	7.22E-07	1.93E-05
192	487627.14, 3856928.23	4.25E-05	1.28E-04	7.43E-05	1.42E-06	3.43E-05	1.39E-06	3.71E-05	2.12E-05	6.39E-05	3.70E-05	7.07E-07	1.71E-05	6.91E-07	1.85E-05
193	487677.14, 3856928.23	4.10E-05	1.24E-04	7.17E-05	1.37E-06	3.31E-05	1.34E-06	3.58E-05	2.05E-05	6.18E-05	3.58E-05	6.83E-07	1.65E-05	6.68E-07	1.79E-05
194	487727.14, 3856928.23	4.01E-05	1.21E-04	7.01E-05	1.34E-06	3.24E-05	1.31E-06	3.50E-05	2.00E-05	6.04E-05	3.50E-05	6.68E-07	1.61E-05	6.53E-07	1.75E-05
195	487777.14, 3856928.23	3.95E-05	1.19E-04	6.90E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	1.97E-05	5.95E-05	3.44E-05	6.58E-07	1.59E-05	6.43E-07	1.72E-05
196	487427.14, 3856978.23	4.93E-05	1.49E-04	8.62E-05	1.65E-06	3.98E-05	1.61E-06	4.30E-05	2.45E-05	7.41E-05	4.29E-05	8.19E-07	1.98E-05	8.01E-07	2.14E-05
197	487477.14, 3856978.23	4.85E-05	1.47E-04	8.48E-05	1.62E-06	3.91E-05	1.58E-06	4.24E-05	2.42E-05	7.29E-05	4.22E-05	8.07E-07	1.95E-05	7.88E-07	2.11E-05
198	487527.14, 3856978.23	4.78E-05	1.44E-04	8.35E-05	1.60E-06	3.85E-05	1.56E-06	4.17E-05	2.38E-05	7.18E-05	4.16E-05	7.94E-07	1.92E-05	7.76E-07	2.08E-05
199	487577.14, 3856978.23	4.71E-05	1.42E-04	8.24E-05	1.57E-06	3.80E-05	1.54E-06	4.11E-05	2.35E-05	7.08E-05	4.10E-05	7.83E-07	1.89E-05	7.66E-07	2.05E-05
200	487627.14, 3856978.23	4.65E-05	1.40E-04	8.13E-05	1.55E-06	3.75E-05	1.52E-06	4.06E-05	2.31E-05	6.99E-05	4.04E-05	7.73E-07	1.87E-05	7.55E-07	2.02E-05
201	487677.14, 3856978.23	4.56E-05	1.38E-04	7.97E-05	1.52E-06	3.68E-05	1.49E-06	3.98E-05	2.27E-05	6.85E-05	3.97E-05	7.58E-07	1.83E-05	7.41E-07	1.98E-05
202	487727.14, 3856978.23	4.50E-05	1.36E-04	7.86E-05	1.50E-06	3.63E-05	1.47E-06	3.92E-05	2.24E-05	6.76E-05	3.91E-05	7.47E-07	1.80E-05	7.30E-07	1.95E-05
203	487777.14, 3856978.23	4.35E-05	1.31E-04	7.61E-05	1.45E-06	3.51E-05	1.42E-06	3.80E-05	2.17E-05	6.54E-05	3.79E-05	7.24E-07	1.75E-05	7.07E-07	1.89E-05
204	487427.14, 3857028.23	5.01E-05	1.51E-04	8.76E-05	1.67E-06	4.04E-05	1.64E-06	4.37E-05	2.50E-05	7.54E-05	4.36E-05	8.33E-07	2.01E-05	8.14E-07	2.18E-05
205	487477.14, 3857028.23	4.94E-05	1.49E-04	8.64E-05	1.65E-06	3.99E-05	1.61E-06	4.31E-05	2.46E-05	7.43E-05	4.30E-05	8.22E-07	1.99E-05	8.03E-07	2.15E-05
206	487527.14, 3857028.23	4.88E-05	1.47E-04	8.53E-05	1.63E-06	3.94E-05	1.59E-06	4.26E-05	2.43E-05	7.34E-05	4.25E-05	8.12E-07	1.96E-05	7.93E-07	2.12E-05
207	487577.14, 3857028.23	4.82E-05	1.45E-04	8.42E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	2.40E-05	7.24E-05	4.19E-05	8.01E-07	1.93E-05	7.82E-07	2.09E-05
208	487627.14, 3857028.23	4.76E-05	1.44E-04	8.32E-05	1.59E-06	3.84E-05	1.55E-06	4.15E-05	2.37E-05	7.16E-05	4.14E-05	7.91E-07	1.91E-05	7.73E-07	2.07E-05
209	487677.14, 3857028.23	4.69E-05	1.41E-04	8.19E-05	1.56E-06	3.78E-05	1.53E-06	4.09E-05	2.33E-05	7.04E-05	4.08E-05	7.79E-07	1.88E-05	7.61E-07	2.04E-05
210	487727.14, 3857028.23	4.60E-05	1.39E-04	8.03E-05	1.53E-06	3.71E-05	1.50E-06	4.01E-05	2.29E-05	6.91E-05	4.00E-05	7.64E-07	1.85E-05	7.47E-07	2.00E-05
211	487777.14, 3857028.23	4.50E-05	1.36E-04	7.87E-05	1.50E-06	3.63E-05	1.47E-06	3.93E-05	2.24E-05	6.77E-05	3.92E-05	7.48E-07	1.81E-05	7.31E-07	1.96E-05
212	487427.14, 3857078.23	5.08E-05	1.53E-04	8.87E-05	1.69E-06	4.09E-05	1.66E-06	4.43E-05	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.25E-07	2.21E-05
213	487477.14, 3857078.23	5.01E-05	1.51E-04	8.76E-05	1.67E-06	4.04E-05	1.64E-06	4.37E-05	2.50E-05	7.54E-05	4.36E-05	8.34E-07	2.01E-05	8.15E-07	2.18E-05
214	487527.14, 3857078.23	4.95E-05	1.49E-04	8.64E-05	1.65E-06	3.99E-05	1.61E-06	4.32E-05	2.46E-05	7.44E-05	4.31E-05	8.23E-07	1.99E-05	8.04E-07	2.15E-05
215	487577.14, 3857078.23	4.88E-05	1.47E-04	8.53E-05	1.63E-06	3.94E-05	1.59E-06	4.26E-05	2.43E-05	7.34E-05	4.25E-05	8.12E-07	1.96E-05	7.93E-07	2.12E-05
216	487627.14, 3857078.23	4.82E-05	1.46E-04	8.43E-05	1.61E-06	3.89E-05	1.57E-06	4.21E-05	2.40E-05	7.25E-05	4.20E-05	8.02E-07	1.94E-05	7.84E-07	2.10E-05
217	487677.14, 3857078.23	4.75E-05	1.43E-04	8.30E-05	1.59E-06	3.83E-05	1.55E-06	4.15E-05	2.37E-05	7.14E-05	4.14E-05	7.90E-07	1.91E-05	7.72E-07	2.06E-05
218	487727.14, 3857078.23	4.67E-05	1.41E-04	8.17E-05	1.56E-06	3.77E-05	1.52E-06	4.08E-05	2.33E-05	7.03E-05	4.07E-05	7.77E-07	1.88E-05	7.59E-07	2.03E-05
219	487777.14, 3857078.23	4.59E-05	1.39E-04	8.03E-05	1.53E-06	3.71E-05	1.50E-06	4.01E-05	2.29E-05	6.91E-05	4.00E-05	7.64E-07	1.85E-05	7.47E-07	2.00E-05
220	487427.14, 3857128.23	5.14E-05	1.55E-04	8.98E-05	1.72E-06	4.14E-05	1.68E-06	4.48E-05	2.56E-05	7.73E-05	4.48E-05	8.55E-07	2.07E-05	8.36E-07	2.24E-05
221	487477.14, 3857128.23	5.07E-05	1.53E-04	8.86E-05	1.69E-06	4.09E-05	1.65E-06	4.42E-05	2.53E-05	7.63E-05	4.42E-05	8.44E-07	2.04E-05	8.25E-07	2.21E-05
222	487527.14, 3857128.23	5.01E-05	1.51E-04	8.75E-05	1.67E-06	4.04E-05	1.63E-06	4.37E-05	2.50E-05	7.53E-05	4.36E-05	8.33E-07	2.01E-05	8.14E-07	2.18E-05
223	487577.14, 3857128.23	4.94E-05	1.49E-04	8.63E-05	1.65E-06	3.98E-05	1.61E-06	4.31E-05	2.46E-05	7.43E-05	4.30E-05	8.22E-07	1.99E-05	8.03E-07	2.15E-05
224	487627.14, 3857128.23	4.87E-05	1.47E-04	8.51E-05	1.63E-06	3.93E-05	1.59E-06	4.25E-05	2.43E-05	7.33E-05	4.24E-05	8.10E-07	1.96E-05	7.92E-07	2.12E-05
225	487677.14, 3857128.23	4.81E-05	1.45E-04	8.41E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	2.40E-05	7.23E-05	4.19E-05	8.00E-07	1.93E-05	7.82E-07	2.09E-05
226	487727.14, 3857128.23	4.73E-05	1.43E-04	8.27E-05	1.58E-06	3.81E-05	1.54E-06	4.13E-05	2.36E-05	7.11E-05	4.12E-05	7.87E-07	1.90E-05	7.69E-07	2.06E-05
227	487777.14, 3857128.23	4.66E-05	1.41E-04	8.14E-05	1.55E-06	3.76E-05	1.52E-06	4.06E-05	2.32E-05	7.01E-05	4.06E-05	7.75E-07	1.87E-05	7.57E-07	2.02E-05
228	488049.44, 3856539.39	1.86E-05	5.62E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05	9.43E-06	2.85E-05	1.65E-05	3.15E-07	7.60E-06	3.08E-07	8.23E-06
229	488099.44, 3856539.39	1.83E-05	5.53E-05	3.20E-05	6.12E-07	1.48E-05	5.98E-07	1.60E-05	9.28E-06	2.80E-05	1.62E-05	3.10E-07	7.49E-06	3.03E-07	8.10E-06
230	488149.44, 3856539.39	1.80E-05	5.44E-05	3.15E-05	6.02E-07	1.45E-05	5.88E-07	1.57E-05	9.14E-06	2.76E-05	1.60E-05	3.05E-07	7.37E-06	2.98E-07	7.97E-06
231	488049.44, 3856589.39	1.92E-05	5.79E-05	3.35E-05	6.40E-07	1.55E-05	6.26E-07	1.67E-05	9.72E-06	2.93E-05	1.70E-05	3.24E-07	7.84E-06	3.17E-07	8.48E-06
232	488099.44, 3856589.39	1.89E-05	5.70E-05	3.30E-05	6.30E-07	1.52E-05	6.16E-07	1.65E-05	9.56E-06	2.89E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.35E-06
233	488149.44, 3856589.39	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05	9.41E-06	2.84E-05	1.65E-05	3.14E-07	7.59E-06	3.07E-07	8.21E-06
234	488199.44, 3856589.39	1.83E-05	5.52E-05	3.20E-05	6.11E-07	1.48E-05	5.97E-07	1.60E-05	9.27E-06	2.80E-05	1.62E-05	3.10E-07	7.48E-06	3.02E-07	8.09E-06
235	488249.44, 3856589.39	1.80E-05	5.43E-05	3.14E-05	6.00E-07	1.45E-05	5.86E-07	1.57E-05	9.11E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.97E-07	7.95E-06
236	488049.44, 3856639.39	2.00E-05	6.02E-05	3.49E-05	6.66E-07	1.61E-05	6.51E-07	1.74E-05	1.01E-05	3.05E-05	1.77E-05	3.37E-07	8.15E-06	3.30E-07	8.81E-06
237	488099.44, 3856639.39	1.96E-05	5.92E-05	3.43E-05	6.55E-07	1.58E-05	6.40E-07	1.71E-05	9.93E-06	3.00E-05	1.74E-05	3.32E-07	8.01E-06	3.24E-07	8.66E-06
238	488149.44, 3856639.39	1.93E-05	5.82E-05	3.37E-05	6.44E-07	1.55E-05	6.29E-07	1.68E-05	9.76E-06	2.95E-05	1.71E-05	3.26E-07	7.87E-06	3.18E-07	8.52E-06
239	488199.44, 3856639.39	1.89E-05	5.72E-05	3.31E-05	6.32E-07	1.53E-05	6.18E-07	1.65E-05	9.59E-06	2.90E-05	1.68E-05	3.20E-07	7.74E-06	3.13E-07	8.37E-06
240	488249.44, 3856639.39	1.86E-05	5.62E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05	9.43E-06	2.85E-05	1.65E-05	3.15E-07	7.60E-06	3.08E-07	8.22E-06
241	488299.44, 3856639.39	1.83E-05	5.52E-05	3.19E-05	6.10E-07	1.47E-05	5.96E-07	1.59E-05	9.26E-06	2.80E-05	1.62E-05	3.09E-07	7.47E-06	3.02E-07	8.08E-06
242	488349.44, 3856639.39	1.80E-05	5.43E-05	3.14E-05	6.00E-07	1.45E-05	5.86E-07	1.57E-05	9.11E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.97E-07	7.95E-06
243	488399.44, 3856639.39	1.76E-05	5.33E-05	3.08E-05	5.89E-07	1.42E-05	5.76E-07	1.54E-05	8.95E-06	2.70E-05	1.57E-05	2.99E-07	7.22E-06	2.92E-07	7.81E-06
244	488099.44, 3856689.39	2.06E-05	6.22E-05	3.60E-05	6.88E-07	1.66E-05	6.73E-07	1.80E-05	1.04E-05	3.15E-05	1.82E-05	3.48E-07	8.41E-06	3.40E-07	9.10E-06

245	488149.44, 3856689.39	2.02E-05	6.09E-05	3.53E-05	6.74E-07	1.63E-05	6.58E-07	1.76E-05	1.02E-05	3.08E-05	1.78E-05	3.41E-07	8.23E-06	3.33E-07	8.91E-06
246	488199.44, 3856689.39	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05	1.00E-05	3.02E-05	1.75E-05	3.34E-07	8.06E-06	3.26E-07	8.72E-06
247	488249.44, 3856689.39	1.93E-05	5.84E-05	3.38E-05	6.46E-07	1.56E-05	6.31E-07	1.69E-05	9.80E-06	2.96E-05	1.71E-05	3.27E-07	7.90E-06	3.20E-07	8.55E-06
248	488299.44, 3856689.39	1.89E-05	5.72E-05	3.31E-05	6.33E-07	1.53E-05	6.18E-07	1.65E-05	9.60E-06	2.90E-05	1.68E-05	3.21E-07	7.74E-06	3.13E-07	8.38E-06
249	488349.44, 3856689.39	1.86E-05	5.61E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05	9.42E-06	2.84E-05	1.65E-05	3.15E-07	7.60E-06	3.07E-07	8.22E-06
250	488399.44, 3856689.39	1.83E-05	5.51E-05	3.19E-05	6.10E-07	1.47E-05	5.96E-07	1.59E-05	9.26E-06	2.80E-05	1.62E-05	3.09E-07	7.47E-06	3.02E-07	8.08E-06
251	488099.44, 3856739.39	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.16E-07	1.91E-05	1.11E-05	3.35E-05	1.94E-05	3.70E-07	8.94E-06	3.62E-07	9.67E-06
252	488149.44, 3856739.39	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
253	488199.44, 3856739.39	2.07E-05	6.25E-05	3.62E-05	6.91E-07	1.67E-05	6.75E-07	1.81E-05	1.05E-05	3.16E-05	1.83E-05	3.50E-07	8.44E-06	3.42E-07	9.13E-06
254	488249.44, 3856739.39	2.02E-05	6.10E-05	3.53E-05	6.74E-07	1.63E-05	6.59E-07	1.76E-05	1.02E-05	3.08E-05	1.79E-05	3.41E-07	8.24E-06	3.33E-07	8.91E-06
255	488299.44, 3856739.39	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05	1.00E-05	3.02E-05	1.75E-05	3.34E-07	8.06E-06	3.26E-07	8.72E-06
256	488349.44, 3856739.39	1.93E-05	5.82E-05	3.37E-05	6.44E-07	1.55E-05	6.29E-07	1.68E-05	9.77E-06	2.95E-05	1.71E-05	3.26E-07	7.88E-06	3.19E-07	8.52E-06
257	488399.44, 3856739.39	1.88E-05	5.69E-05	3.29E-05	6.29E-07	1.52E-05	6.15E-07	1.64E-05	9.55E-06	2.88E-05	1.67E-05	3.19E-07	7.70E-06	3.12E-07	8.33E-06
258	487999.44, 3856789.39	2.62E-05	7.93E-05	4.59E-05	8.77E-07	2.12E-05	8.57E-07	2.29E-05	1.32E-05	3.98E-05	2.31E-05	4.41E-07	1.06E-05	4.31E-07	1.15E-05
259	488049.44, 3856789.39	2.46E-05	7.43E-05	4.30E-05	8.21E-07	1.98E-05	8.02E-07	2.15E-05	1.24E-05	3.74E-05	2.16E-05	4.14E-07	9.99E-06	4.04E-07	1.08E-05
260	488099.44, 3856789.39	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05
261	488149.44, 3856789.39	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05	1.14E-05	3.43E-05	1.98E-05	3.79E-07	9.16E-06	3.70E-07	9.91E-06
262	488199.44, 3856789.39	2.17E-05	6.56E-05	3.80E-05	7.26E-07	1.75E-05	7.09E-07	1.90E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.86E-06	3.58E-07	9.58E-06
263	488249.44, 3856789.39	2.11E-05	6.37E-05	3.69E-05	7.05E-07	1.70E-05	6.88E-07	1.84E-05	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.31E-06
264	488299.44, 3856789.39	2.05E-05	6.20E-05	3.59E-05	6.86E-07	1.66E-05	6.71E-07	1.79E-05	1.04E-05	3.14E-05	1.82E-05	3.47E-07	8.38E-06	3.39E-07	9.07E-06
265	488349.44, 3856789.39	2.00E-05	6.04E-05	3.49E-05	6.68E-07	1.61E-05	6.52E-07	1.74E-05	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.30E-07	8.83E-06
266	488399.44, 3856789.39	1.95E-05	5.89E-05	3.41E-05	6.51E-07	1.57E-05	6.36E-07	1.70E-05	9.88E-06	2.98E-05	1.73E-05	3.30E-07	7.97E-06	3.22E-07	8.62E-06
267	487949.44, 3856839.39	3.07E-05	9.26E-05	5.36E-05	1.02E-06	2.47E-05	1.00E-06	2.68E-05	1.54E-05	4.64E-05	2.69E-05	5.13E-07	1.24E-05	5.01E-07	1.34E-05
268	487999.44, 3856839.39	2.80E-05	8.47E-05	4.90E-05	9.37E-07	2.26E-05	9.15E-07	2.45E-05	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.59E-07	1.23E-05
269	488049.44, 3856839.39	2.62E-05	7.90E-05	4.57E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05	1.32E-05	3.97E-05	2.30E-05	4.39E-07	1.06E-05	4.29E-07	1.15E-05
270	488099.44, 3856839.39	2.48E-05	7.48E-05	4.33E-05	8.27E-07	2.00E-05	8.08E-07	2.16E-05	1.25E-05	3.77E-05	2.18E-05	4.16E-07	1.01E-05	4.07E-07	1.09E-05
271	488149.44, 3856839.39	2.37E-05	7.15E-05	4.14E-05	7.90E-07	1.91E-05	7.72E-07	2.07E-05	1.19E-05	3.60E-05	2.09E-05	3.99E-07	9.63E-06	3.89E-07	1.04E-05
272	488199.44, 3856839.39	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.43E-07	1.99E-05	1.15E-05	3.47E-05	2.01E-05	3.84E-07	9.27E-06	3.75E-07	1.00E-05
273	487949.44, 3856889.39	3.26E-05	9.84E-05	5.70E-05	1.09E-06	2.63E-05	1.06E-06	2.84E-05	1.63E-05	4.92E-05	2.85E-05	5.45E-07	1.32E-05	5.32E-07	1.42E-05
274	487999.44, 3856889.39	2.97E-05	8.96E-05	5.19E-05	9.91E-07	2.39E-05	9.68E-07	2.59E-05	1.49E-05	4.49E-05	2.60E-05	4.97E-07	1.20E-05	4.86E-07	1.30E-05
275	488049.44, 3856889.39	2.76E-05	8.35E-05	4.83E-05	9.23E-07	2.23E-05	9.02E-07	2.41E-05	1.39E-05	4.19E-05	2.43E-05	4.64E-07	1.12E-05	4.53E-07	1.21E-05
276	488099.44, 3856889.39	2.61E-05	7.87E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.14E-05
277	488635.86, 3857895.05	2.77E-05	8.35E-05	4.84E-05	9.24E-07	2.23E-05	9.03E-07	2.41E-05	1.42E-05	4.29E-05	2.48E-05	4.75E-07	1.15E-05	4.64E-07	1.24E-05
278	489137.64, 3857804.15	2.12E-05	6.40E-05	3.71E-05	7.08E-07	1.71E-05	6.92E-07	1.85E-05	1.09E-05	3.29E-05	1.90E-05	3.63E-07	8.78E-06	3.55E-07	9.50E-06
279	488617.32, 3857859.41	2.72E-05	8.22E-05	4.76E-05	9.10E-07	2.20E-05	8.89E-07	2.38E-05	1.40E-05	4.22E-05	2.44E-05	4.67E-07	1.13E-05	4.56E-07	1.22E-05
280	488667.32, 3857859.41	2.64E-05	7.98E-05	4.62E-05	8.83E-07	2.13E-05	8.62E-07	2.31E-05	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05
281	488717.32, 3857859.41	2.57E-05	7.76E-05	4.49E-05	8.59E-07	2.07E-05	8.39E-07	2.24E-05	1.32E-05	3.99E-05	2.31E-05	4.41E-07	1.07E-05	4.31E-07	1.15E-05
282	488767.32, 3857859.41	2.51E-05	7.57E-05	4.38E-05	8.37E-07	2.02E-05	8.18E-07	2.19E-05	1.29E-05	3.89E-05	2.25E-05	4.30E-07	1.04E-05	4.20E-07	1.12E-05
283	488617.32, 3857909.41	2.83E-05	8.56E-05	4.95E-05	9.46E-07	2.29E-05	9.25E-07	2.47E-05	1.46E-05	4.39E-05	2.54E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05
284	488667.32, 3857909.41	2.74E-05	8.28E-05	4.80E-05	9.16E-07	2.21E-05	8.95E-07	2.39E-05	1.41E-05	4.26E-05	2.46E-05	4.71E-07	1.14E-05	4.60E-07	1.23E-05
285	488717.32, 3857909.41	2.67E-05	8.07E-05	4.67E-05	8.92E-07	2.15E-05	8.72E-07	2.33E-05	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.48E-07	1.20E-05
286	488767.32, 3857909.41	2.61E-05	7.87E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.37E-07	1.17E-05
287	488417.32, 3857959.41	3.58E-05	1.08E-04	6.25E-05	1.19E-06	2.89E-05	1.17E-06	3.12E-05	1.83E-05	5.53E-05	3.20E-05	6.11E-07	1.48E-05	5.98E-07	1.60E-05
288	488467.32, 3857959.41	3.38E-05	1.02E-04	5.91E-05	1.13E-06	2.73E-05	1.10E-06	2.95E-05	1.73E-05	5.23E-05	3.03E-05	5.78E-07	1.40E-05	5.65E-07	1.51E-05
289	488517.32, 3857959.41	3.22E-05	9.71E-05	5.62E-05	1.07E-06	2.60E-05	1.05E-06	2.81E-05	1.65E-05	4.98E-05	2.89E-05	5.51E-07	1.33E-05	5.39E-07	1.44E-05
290	488567.32, 3857959.41	3.08E-05	9.30E-05	5.39E-05	1.03E-06	2.49E-05	1.01E-06	2.69E-05	1.58E-05	4.78E-05	2.77E-05	5.28E-07	1.28E-05	5.16E-07	1.38E-05
291	488617.32, 3857959.41	2.97E-05	8.96E-05	5.19E-05	9.91E-07	2.39E-05	9.69E-07	2.59E-05	1.53E-05	4.61E-05	2.67E-05	5.09E-07	1.23E-05	4.98E-07	1.33E-05
292	488667.32, 3857959.41	2.87E-05	8.68E-05	5.02E-05	9.60E-07	2.32E-05	9.38E-07	2.51E-05	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05
293	488717.32, 3857959.41	2.79E-05	8.44E-05	4.88E-05	9.33E-07	2.25E-05	9.12E-07	2.44E-05	1.44E-05	4.34E-05	2.51E-05	4.80E-07	1.16E-05	4.69E-07	1.25E-05
294	488767.32, 3857959.41	2.73E-05	8.25E-05	4.77E-05	9.12E-07	2.20E-05	8.91E-07	2.38E-05	1.40E-05	4.24E-05	2.45E-05	4.69E-07	1.13E-05	4.58E-07	1.22E-05
295	488417.32, 3858009.41	3.88E-05	1.17E-04	6.78E-05	1.30E-06	3.13E-05	1.27E-06	3.39E-05	1.99E-05	5.99E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05
296	488467.32, 3858009.41	3.63E-05	1.09E-04	6.34E-05	1.21E-06	2.92E-05	1.18E-06	3.16E-05	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05
297	488517.32, 3858009.41	3.43E-05	1.03E-04	5.99E-05	1.14E-06	2.76E-05	1.12E-06	2.99E-05	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.74E-07	1.53E-05
298	488567.32, 3858009.41	3.27E-05	9.86E-05	5.71E-05	1.09E-06	2.63E-05	1.07E-06	2.85E-05	1.68E-05	5.06E-05	2.93E-05	5.60E-07	1.35E-05	5.47E-07	1.46E-05
299	488617.32, 3858009.41	3.14E-05	9.47E-05	5.48E-05	1.05E-06	2.53E-05	1.02E-06	2.74E-05	1.61E-05	4.87E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05
300	488667.32, 3858009.41	3.03E-05	9.16E-05	5.30E-05	1.01E-06	2.45E-05	9.90E-07	2.65E-05	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05
301	488717.32, 3858009.41	2.95E-05	8.92E-05	5.17E-05	9.87E-07	2.38E-05	9.64E-07	2.58E-05	1.52E-05	4.59E-05	2.65E-05	5.07E-07	1.23E-05	4.96E-07	1.33E-05
302	488767.32, 3858009.41	2.90E-05	8.76E-05	5.07E-05	9.69E-07	2.34E-05	9.47E-07	2.53E-05	1.49E-05	4.50E-05	2.61E-05	4.98E-07	1.20E-05	4.86E-07	1.30E-05
303	488417.32, 3858059.41	4.31E-05	1.30E-04	7.53E-05	1.44E-06	3.47E-05	1.41E-06	3.76E-05	2.20E-05	6.64E-05	3.84E-05	7.34E-07	1.77E-05	7.18E-07	1.92E-05
304	488467.32, 3858059.41	3.96E-05	1.19E-04	6.91E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	2.03E-05	6.11E-05	3.54E-05	6.76E-07	1.63E-05	6.61E-07	1.77E-05
305	488517.32, 3858059.41	3.70E-05	1.12E-04	6.47E-05	1.24E-06	2.98E-05	1.21E-06	3.23E-05	1.90E-05	5.73E-05	3.32E-05	6.33E-07	1.53E-05	6.19E-07	1.66E-05
306	488567.32, 3858059.41	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.83E-05	1.14E-06	3.06E-05	1.80E-05	5.43E-05	3.14E-05	6.01E-07	1.45E-05	5.87E-07	1.57E-05

307	488617.32, 3858059.41	3.35E-05	1.01E-04	5.86E-05	1.12E-06	2.71E-05	1.09E-06	2.93E-05	1.72E-05	5.20E-05	3.01E-05	5.75E-07	1.39E-05	5.62E-07	1.50E-05
308	488667.32, 3858059.41	3.24E-05	9.80E-05	5.67E-05	1.08E-06	2.62E-05	1.06E-06	2.83E-05	1.67E-05	5.03E-05	2.91E-05	5.57E-07	1.34E-05	5.44E-07	1.46E-05
309	488417.32, 3858109.41	4.99E-05	1.51E-04	8.72E-05	1.67E-06	4.02E-05	1.63E-06	4.35E-05	2.54E-05	7.67E-05	4.44E-05	8.48E-07	2.05E-05	8.28E-07	2.22E-05
310	488467.32, 3858109.41	4.44E-05	1.34E-04	7.76E-05	1.48E-06	3.58E-05	1.45E-06	3.87E-05	2.27E-05	6.85E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05
311	488517.32, 3858109.41	4.08E-05	1.23E-04	7.13E-05	1.36E-06	3.29E-05	1.33E-06	3.56E-05	2.09E-05	6.30E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05
312	488567.32, 3858109.41	3.82E-05	1.15E-04	6.68E-05	1.28E-06	3.08E-05	1.25E-06	3.34E-05	1.96E-05	5.92E-05	3.43E-05	6.55E-07	1.58E-05	6.40E-07	1.71E-05
313	488617.32, 3858109.41	3.65E-05	1.10E-04	6.38E-05	1.22E-06	2.94E-05	1.19E-06	3.18E-05	1.87E-05	5.65E-05	3.27E-05	6.25E-07	1.51E-05	6.11E-07	1.63E-05
314	488667.32, 3858109.41	3.54E-05	1.07E-04	6.20E-05	1.18E-06	2.86E-05	1.16E-06	3.09E-05	1.82E-05	5.49E-05	3.18E-05	6.07E-07	1.47E-05	5.94E-07	1.59E-05
315	488769.93, 3858449.27	4.28E-05	1.29E-04	7.49E-05	1.43E-06	3.45E-05	1.40E-06	3.74E-05	2.23E-05	6.75E-05	3.90E-05	7.46E-07	1.80E-05	7.29E-07	1.95E-05
316	488819.93, 3858449.27	3.94E-05	1.19E-04	6.90E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05	2.06E-05	6.22E-05	3.60E-05	6.88E-07	1.66E-05	6.73E-07	1.80E-05
317	488819.93, 3858499.27	4.61E-05	1.39E-04	8.06E-05	1.54E-06	3.72E-05	1.51E-06	4.03E-05	2.40E-05	7.25E-05	4.20E-05	8.02E-07	1.94E-05	7.84E-07	2.10E-05
318	488869.93, 3858499.27	4.12E-05	1.24E-04	7.20E-05	1.38E-06	3.32E-05	1.34E-06	3.60E-05	2.15E-05	6.50E-05	3.76E-05	7.19E-07	1.74E-05	7.03E-07	1.88E-05
319	488869.93, 3858549.27	4.89E-05	1.48E-04	8.55E-05	1.63E-06	3.94E-05	1.60E-06	4.27E-05	2.55E-05	7.69E-05	4.45E-05	8.50E-07	2.05E-05	8.31E-07	2.22E-05
320	489438.17, 3859571.48	2.45E-05	7.40E-05	4.29E-05	8.19E-07	1.98E-05	8.00E-07	2.14E-05	1.28E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05
321	489488.17, 3859571.48	2.35E-05	7.09E-05	4.11E-05	7.84E-07	1.89E-05	7.67E-07	2.05E-05	1.23E-05	3.72E-05	2.15E-05	4.12E-07	9.94E-06	4.02E-07	1.08E-05
322	489538.17, 3859571.48	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.43E-07	1.99E-05	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.73E-06	3.94E-07	1.05E-05
323	489588.17, 3859571.48	2.23E-05	6.73E-05	3.89E-05	7.44E-07	1.80E-05	7.27E-07	1.94E-05	1.19E-05	3.61E-05	2.09E-05	3.99E-07	9.63E-06	3.90E-07	1.04E-05
324	489438.17, 3859621.48	2.42E-05	7.30E-05	4.22E-05	8.07E-07	1.95E-05	7.89E-07	2.11E-05	1.25E-05	3.77E-05	2.18E-05	4.16E-07	1.01E-05	4.07E-07	1.09E-05
325	489488.17, 3859621.48	2.29E-05	6.92E-05	4.01E-05	7.65E-07	1.85E-05	7.48E-07	2.00E-05	1.19E-05	3.60E-05	2.08E-05	3.98E-07	9.61E-06	3.89E-07	1.04E-05
326	489538.17, 3859621.48	2.20E-05	6.65E-05	3.85E-05	7.35E-07	1.78E-05	7.18E-07	1.92E-05	1.15E-05	3.48E-05	2.02E-05	3.85E-07	9.31E-06	3.77E-07	1.01E-05
327	489588.17, 3859621.48	2.14E-05	6.45E-05	3.73E-05	7.13E-07	1.72E-05	6.97E-07	1.86E-05	1.13E-05	3.41E-05	1.98E-05	3.77E-07	9.12E-06	3.69E-07	9.86E-06
328	489238.17, 3859671.48	3.71E-05	1.12E-04	6.49E-05	1.24E-06	3.00E-05	1.21E-06	3.24E-05	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05
329	489288.17, 3859671.48	3.10E-05	9.35E-05	5.41E-05	1.03E-06	2.50E-05	1.01E-06	2.70E-05	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05
330	489338.17, 3859671.48	2.73E-05	8.25E-05	4.78E-05	9.12E-07	2.20E-05	8.92E-07	2.38E-05	1.39E-05	4.18E-05	2.42E-05	4.63E-07	1.12E-05	4.52E-07	1.21E-05
331	489388.17, 3859671.48	2.50E-05	7.54E-05	4.36E-05	8.34E-07	2.01E-05	8.15E-07	2.18E-05	1.27E-05	3.85E-05	2.23E-05	4.25E-07	1.03E-05	4.16E-07	1.11E-05
332	489438.17, 3859671.48	2.33E-05	7.04E-05	4.07E-05	7.78E-07	1.88E-05	7.61E-07	2.03E-05	1.20E-05	3.61E-05	2.09E-05	4.00E-07	9.65E-06	3.91E-07	1.04E-05
333	489488.17, 3859671.48	2.21E-05	6.68E-05	3.87E-05	7.38E-07	1.78E-05	7.22E-07	1.93E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.22E-06	3.73E-07	9.97E-06
334	489538.17, 3859671.48	2.12E-05	6.40E-05	3.71E-05	7.08E-07	1.71E-05	6.92E-07	1.85E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.90E-06	3.60E-07	9.63E-06
335	489588.17, 3859671.48	2.05E-05	6.20E-05	3.59E-05	6.85E-07	1.66E-05	6.70E-07	1.79E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
336	489238.17, 3859721.48	3.30E-05	9.97E-05	5.77E-05	1.10E-06	2.66E-05	1.08E-06	2.88E-05	1.65E-05	4.99E-05	2.89E-05	5.52E-07	1.33E-05	5.40E-07	1.44E-05
337	489288.17, 3859721.48	2.80E-05	8.45E-05	4.89E-05	9.34E-07	2.26E-05	9.13E-07	2.44E-05	1.41E-05	4.26E-05	2.46E-05	4.71E-07	1.14E-05	4.60E-07	1.23E-05
338	489338.17, 3859721.48	2.52E-05	7.59E-05	4.40E-05	8.40E-07	2.03E-05	8.21E-07	2.19E-05	1.27E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05
339	489388.17, 3859721.48	2.33E-05	7.05E-05	4.08E-05	7.80E-07	1.88E-05	7.62E-07	2.04E-05	1.19E-05	3.59E-05	2.08E-05	3.97E-07	9.59E-06	3.88E-07	1.04E-05
340	489438.17, 3859721.48	2.21E-05	6.66E-05	3.86E-05	7.37E-07	1.78E-05	7.20E-07	1.93E-05	1.13E-05	3.41E-05	1.97E-05	3.77E-07	9.11E-06	3.69E-07	9.86E-06
341	489488.17, 3859721.48	2.11E-05	6.37E-05	3.69E-05	7.05E-07	1.70E-05	6.89E-07	1.84E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.48E-06
342	489538.17, 3859721.48	2.03E-05	6.14E-05	3.56E-05	6.80E-07	1.64E-05	6.64E-07	1.78E-05	1.05E-05	3.18E-05	1.84E-05	3.52E-07	8.50E-06	3.44E-07	9.19E-06
343	489588.17, 3859721.48	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05	1.03E-05	3.10E-05	1.80E-05	3.43E-07	8.29E-06	3.36E-07	8.97E-06
344	489238.17, 3859771.48	2.55E-05	7.71E-05	4.47E-05	8.53E-07	2.06E-05	8.34E-07	2.23E-05	1.29E-05	3.88E-05	2.25E-05	4.29E-07	1.04E-05	4.20E-07	1.12E-05
345	489288.17, 3859771.48	2.39E-05	7.23E-05	4.18E-05	7.99E-07	1.93E-05	7.81E-07	2.09E-05	1.21E-05	3.65E-05	2.11E-05	4.04E-07	9.75E-06	3.95E-07	1.06E-05
346	489338.17, 3859771.48	2.27E-05	6.85E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05	1.15E-05	3.47E-05	2.01E-05	3.84E-07	9.28E-06	3.75E-07	1.00E-05
347	489388.17, 3859771.48	2.17E-05	6.55E-05	3.79E-05	7.24E-07	1.75E-05	7.08E-07	1.89E-05	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.91E-06	3.60E-07	9.64E-06
348	489438.17, 3859771.48	2.09E-05	6.30E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.31E-06
349	489488.17, 3859771.48	2.02E-05	6.10E-05	3.53E-05	6.75E-07	1.63E-05	6.60E-07	1.76E-05	1.04E-05	3.13E-05	1.81E-05	3.46E-07	8.37E-06	3.39E-07	9.05E-06
350	489538.17, 3859771.48	1.96E-05	5.93E-05	3.43E-05	6.56E-07	1.58E-05	6.41E-07	1.71E-05	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.16E-06	3.30E-07	8.83E-06
351	489588.17, 3859771.48	1.91E-05	5.78E-05	3.34E-05	6.39E-07	1.54E-05	6.24E-07	1.67E-05	9.91E-06	2.99E-05	1.73E-05	3.31E-07	7.99E-06	3.23E-07	8.64E-06
352	489238.17, 3859821.48	2.29E-05	6.91E-05	4.00E-05	7.64E-07	1.85E-05	7.47E-07	2.00E-05	1.15E-05	3.48E-05	2.02E-05	3.85E-07	9.31E-06	3.76E-07	1.01E-05
353	489288.17, 3859821.48	2.20E-05	6.65E-05	3.85E-05	7.35E-07	1.78E-05	7.18E-07	1.92E-05	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.71E-06
354	489338.17, 3859821.48	2.14E-05	6.45E-05	3.74E-05	7.14E-07	1.72E-05	6.98E-07	1.87E-05	1.08E-05	3.27E-05	1.89E-05	3.62E-07	8.74E-06	3.54E-07	9.45E-06
355	489388.17, 3859821.48	2.08E-05	6.28E-05	3.63E-05	6.94E-07	1.68E-05	6.78E-07	1.81E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.45E-07	9.22E-06
356	489438.17, 3859821.48	2.02E-05	6.11E-05	3.54E-05	6.76E-07	1.63E-05	6.61E-07	1.77E-05	1.03E-05	3.12E-05	1.80E-05	3.45E-07	8.33E-06	3.37E-07	9.01E-06
357	489488.17, 3859821.48	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05	1.01E-05	3.05E-05	1.76E-05	3.37E-07	8.14E-06	3.29E-07	8.81E-06
358	489538.17, 3859821.48	1.92E-05	5.81E-05	3.36E-05	6.43E-07	1.55E-05	6.28E-07	1.68E-05	9.88E-06	2.98E-05	1.73E-05	3.30E-07	7.97E-06	3.22E-07	8.62E-06
359	489588.17, 3859821.48	1.88E-05	5.67E-05	3.28E-05	6.27E-07	1.51E-05	6.13E-07	1.64E-05	9.67E-06	2.92E-05	1.69E-05	3.23E-07	7.80E-06	3.16E-07	8.44E-06
360	489238.17, 3859871.48	2.32E-05	7.02E-05	4.06E-05	7.76E-07	1.87E-05	7.58E-07	2.03E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
361	489288.17, 3859871.48	2.23E-05	6.73E-05	3.90E-05	7.44E-07	1.80E-05	7.28E-07	1.95E-05	1.12E-05	3.39E-05	1.96E-05	3.75E-07	9.06E-06	3.67E-07	9.81E-06
362	489338.17, 3859871.48	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.04E-07	1.88E-05	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06
363	489388.17, 3859871.48	2.09E-05	6.33E-05	3.66E-05	7.00E-07	1.69E-05	6.84E-07	1.83E-05	1.06E-05	3.20E-05	1.85E-05	3.54E-07	8.56E-06	3.46E-07	9.26E-06
364	489438.17, 3859871.48	2.04E-05	6.15E-05	3.56E-05	6.80E-07	1.64E-05	6.64E-07	1.78E-05	1.03E-05	3.12E-05	1.81E-05	3.45E-07	8.34E-06	3.37E-07	9.02E-06
365	489488.17, 3859871.48	1.98E-05	5.98E-05	3.46E-05	6.61E-07	1.60E-05	6.46E-07	1.73E-05	1.01E-05	3.05E-05	1.76E-05	3.37E-07	8.14E-06	3.29E-07	8.80E-06
366	489538.17, 3859871.48	1.92E-05	5.81E-05	3.36E-05	6.42E-07	1.55E-05	6.28E-07	1.68E-05	9.83E-06	2.97E-05	1.72E-05	3.28E-07	7.93E-06	3.21E-07	8.58E-06
367	489588.17, 3859871.48	1.87E-05	5.65E-05	3.27E-05	6.25E-07	1.51E-05	6.11E-07	1.63E-05	9.60E-06	2.90E-05	1.68E-05	3.21E-07	7.75E-06	3.13E-07	8.38E-06
368	489238.17, 3859921.48	2.62E-05	7.92E-05	4.59E-05	8.76E-07	2.12E-05	8.56E-07	2.29E-05	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.15E-05

369	489288.17, 3859921.48	2.46E-05	7.41E-05	4.29E-05	8.20E-07	1.98E-05	8.01E-07	2.14E-05	1.23E-05	3.72E-05	2.15E-05	4.11E-07	9.93E-06	4.02E-07	1.07E-05
370	489338.17, 3859921.48	2.32E-05	7.01E-05	4.06E-05	7.75E-07	1.87E-05	7.57E-07	2.02E-05	1.17E-05	3.52E-05	2.04E-05	3.90E-07	9.41E-06	3.81E-07	1.02E-05
371	489388.17, 3859921.48	2.21E-05	6.67E-05	3.86E-05	7.37E-07	1.78E-05	7.21E-07	1.93E-05	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.72E-06
372	489438.17, 3859921.48	2.11E-05	6.38E-05	3.70E-05	7.06E-07	1.71E-05	6.90E-07	1.85E-05	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.63E-06	3.49E-07	9.33E-06
373	489488.17, 3859921.48	2.03E-05	6.13E-05	3.55E-05	6.78E-07	1.64E-05	6.63E-07	1.77E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.31E-06	3.36E-07	8.99E-06
374	489538.17, 3859921.48	1.96E-05	5.91E-05	3.42E-05	6.53E-07	1.58E-05	6.39E-07	1.71E-05	9.95E-06	3.01E-05	1.74E-05	3.32E-07	8.03E-06	3.25E-07	8.69E-06
375	489588.17, 3859921.48	1.89E-05	5.71E-05	3.31E-05	6.32E-07	1.53E-05	6.17E-07	1.65E-05	9.66E-06	2.92E-05	1.69E-05	3.22E-07	7.79E-06	3.15E-07	8.43E-06
376	489238.17, 3859971.48	3.33E-05	1.01E-04	5.83E-05	1.11E-06	2.69E-05	1.09E-06	2.91E-05	1.66E-05	5.00E-05	2.89E-05	5.53E-07	1.34E-05	5.40E-07	1.44E-05
377	489288.17, 3859971.48	2.85E-05	8.60E-05	4.98E-05	9.51E-07	2.30E-05	9.29E-07	2.48E-05	1.42E-05	4.29E-05	2.48E-05	4.74E-07	1.15E-05	4.63E-07	1.24E-05
378	489338.17, 3859971.48	2.56E-05	7.73E-05	4.48E-05	8.55E-07	2.07E-05	8.35E-07	2.23E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.18E-07	1.12E-05
379	489388.17, 3859971.48	2.37E-05	7.14E-05	4.13E-05	7.90E-07	1.91E-05	7.72E-07	2.06E-05	1.19E-05	3.59E-05	2.08E-05	3.97E-07	9.58E-06	3.88E-07	1.04E-05
380	489438.17, 3859971.48	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.12E-05	3.38E-05	1.96E-05	3.74E-07	9.02E-06	3.65E-07	9.76E-06
381	489488.17, 3859971.48	2.11E-05	6.37E-05	3.69E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.06E-05	3.21E-05	1.86E-05	3.56E-07	8.59E-06	3.47E-07	9.29E-06
382	489538.17, 3859971.48	2.01E-05	6.08E-05	3.52E-05	6.73E-07	1.62E-05	6.57E-07	1.76E-05	1.02E-05	3.08E-05	1.78E-05	3.40E-07	8.22E-06	3.32E-07	8.89E-06
383	489588.17, 3859971.48	1.93E-05	5.83E-05	3.38E-05	6.45E-07	1.56E-05	6.30E-07	1.69E-05	9.79E-06	2.96E-05	1.71E-05	3.27E-07	7.90E-06	3.20E-07	8.54E-06
384	483577.7, 3854071	3.14E-05	9.49E-05	5.49E-05	1.05E-06	2.54E-05	1.03E-06	2.74E-05	1.61E-05	4.87E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05
385	483627.7, 3854071	2.74E-05	8.27E-05	4.79E-05	9.15E-07	2.21E-05	8.94E-07	2.39E-05	1.41E-05	4.26E-05	2.46E-05	4.71E-07	1.14E-05	4.60E-07	1.23E-05
386	483677.7, 3854071	2.47E-05	7.44E-05	4.31E-05	8.23E-07	1.99E-05	8.05E-07	2.15E-05	1.27E-05	3.84E-05	2.22E-05	4.25E-07	1.03E-05	4.15E-07	1.11E-05
387	483727.7, 3854071	2.26E-05	6.83E-05	3.96E-05	7.56E-07	1.83E-05	7.39E-07	1.98E-05	1.17E-05	3.53E-05	2.05E-05	3.91E-07	9.44E-06	3.82E-07	1.02E-05
388	483777.7, 3854071	2.11E-05	6.37E-05	3.69E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06
389	483577.7, 3854121	3.27E-05	9.86E-05	5.71E-05	1.09E-06	2.63E-05	1.07E-06	2.85E-05	1.67E-05	5.05E-05	2.92E-05	5.58E-07	1.35E-05	5.45E-07	1.46E-05
390	483627.7, 3854121	2.86E-05	8.63E-05	5.00E-05	9.55E-07	2.31E-05	9.33E-07	2.50E-05	1.47E-05	4.43E-05	2.57E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05
391	483677.7, 3854121	2.59E-05	7.81E-05	4.52E-05	8.64E-07	2.09E-05	8.44E-07	2.26E-05	1.33E-05	4.02E-05	2.33E-05	4.44E-07	1.07E-05	4.34E-07	1.16E-05
392	483727.7, 3854121	2.39E-05	7.21E-05	4.18E-05	7.98E-07	1.93E-05	7.79E-07	2.08E-05	1.23E-05	3.71E-05	2.15E-05	4.11E-07	9.92E-06	4.01E-07	1.07E-05
393	483777.7, 3854121	2.23E-05	6.73E-05	3.90E-05	7.44E-07	1.80E-05	7.27E-07	1.95E-05	1.15E-05	3.47E-05	2.01E-05	3.83E-07	9.26E-06	3.75E-07	1.00E-05
394	483577.7, 3854171	3.43E-05	1.04E-04	6.00E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05	1.75E-05	5.29E-05	3.06E-05	5.85E-07	1.41E-05	5.72E-07	1.53E-05
395	483627.7, 3854171	3.02E-05	9.13E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05	1.55E-05	4.67E-05	2.70E-05	5.16E-07	1.25E-05	5.05E-07	1.35E-05
396	483677.7, 3854171	2.74E-05	8.28E-05	4.79E-05	9.16E-07	2.21E-05	8.95E-07	2.39E-05	1.41E-05	4.24E-05	2.46E-05	4.69E-07	1.13E-05	4.59E-07	1.23E-05
397	483727.7, 3854171	2.54E-05	7.66E-05	4.43E-05	8.47E-07	2.05E-05	8.27E-07	2.21E-05	1.30E-05	3.93E-05	2.27E-05	4.34E-07	1.05E-05	4.24E-07	1.13E-05
398	483777.7, 3854171	2.37E-05	7.16E-05	4.15E-05	7.92E-07	1.91E-05	7.74E-07	2.07E-05	1.22E-05	3.68E-05	2.13E-05	4.06E-07	9.82E-06	3.97E-07	1.06E-05
399	483827.7, 3854171	2.24E-05	6.78E-05	3.92E-05	7.49E-07	1.81E-05	7.32E-07	1.96E-05	1.15E-05	3.47E-05	2.01E-05	3.84E-07	9.28E-06	3.76E-07	1.00E-05
400	483877.7, 3854171	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.94E-07	1.86E-05	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.81E-06	3.56E-07	9.53E-06
401	483727.7, 3854221	2.75E-05	8.31E-05	4.81E-05	9.19E-07	2.22E-05	8.98E-07	2.40E-05	1.41E-05	4.24E-05	2.46E-05	4.69E-07	1.13E-05	4.59E-07	1.23E-05
402	483777.7, 3854221	2.57E-05	7.76E-05	4.49E-05	8.58E-07	2.07E-05	8.39E-07	2.24E-05	1.31E-05	3.96E-05	2.30E-05	4.38E-07	1.06E-05	4.28E-07	1.15E-05
403	483827.7, 3854221	2.41E-05	7.28E-05	4.21E-05	8.05E-07	1.94E-05	7.87E-07	2.10E-05	1.23E-05	3.72E-05	2.16E-05	4.12E-07	9.95E-06	4.02E-07	1.08E-05
404	483877.7, 3854221	2.29E-05	6.91E-05	4.00E-05	7.64E-07	1.85E-05	7.47E-07	2.00E-05	1.17E-05	3.53E-05	2.04E-05	3.91E-07	9.44E-06	3.82E-07	1.02E-05
405	489150.19, 3858726.45	3.25E-05	9.82E-05	5.68E-05	1.09E-06	2.62E-05	1.06E-06	2.84E-05	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.73E-07	1.53E-05
406	489200.19, 3858726.45	3.16E-05	9.54E-05	5.52E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05	1.70E-05	5.14E-05	2.97E-05	5.68E-07	1.37E-05	5.55E-07	1.48E-05
407	489150.19, 3858776.45	3.40E-05	1.03E-04	5.94E-05	1.13E-06	2.74E-05	1.11E-06	2.97E-05	1.85E-05	5.60E-05	3.24E-05	6.19E-07	1.50E-05	6.05E-07	1.62E-05
408	489200.19, 3858776.45	3.29E-05	9.92E-05	5.74E-05	1.10E-06	2.65E-05	1.07E-06	2.87E-05	1.78E-05	5.39E-05	3.12E-05	5.96E-07	1.44E-05	5.82E-07	1.56E-05
409	488919.6, 3856400.76	1.39E-05	4.19E-05	2.43E-05	4.64E-07	1.12E-05	4.53E-07	1.21E-05	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.69E-06	2.30E-07	6.16E-06
410	488919.6, 3856450.76	1.41E-05	4.26E-05	2.47E-05	4.71E-07	1.14E-05	4.60E-07	1.23E-05	7.18E-06	2.17E-05	1.25E-05	2.40E-07	5.79E-06	2.34E-07	6.26E-06
411	488969.6, 3856450.76	1.40E-05	4.22E-05	2.44E-05	4.66E-07	1.13E-05	4.56E-07	1.22E-05	7.10E-06	2.14E-05	1.24E-05	2.37E-07	5.73E-06	2.32E-07	6.20E-06
412	488919.6, 3856500.76	1.44E-05	4.34E-05	2.51E-05	4.80E-07	1.16E-05	4.69E-07	1.25E-05	7.30E-06	2.21E-05	1.28E-05	2.44E-07	5.89E-06	2.38E-07	6.37E-06
413	488969.6, 3856500.76	1.42E-05	4.29E-05	2.48E-05	4.74E-07	1.15E-05	4.63E-07	1.24E-05	7.22E-06	2.18E-05	1.26E-05	2.41E-07	5.82E-06	2.36E-07	6.30E-06
414	488919.6, 3856550.76	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.77E-07	1.28E-05	7.43E-06	2.24E-05	1.30E-05	2.48E-07	6.00E-06	2.43E-07	6.49E-06
415	488969.6, 3856550.76	1.44E-05	4.36E-05	2.53E-05	4.82E-07	1.17E-05	4.71E-07	1.26E-05	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06
416	488819.6, 3856600.76	1.53E-05	4.62E-05	2.67E-05	5.10E-07	1.23E-05	4.99E-07	1.33E-05	7.77E-06	2.35E-05	1.36E-05	2.60E-07	6.27E-06	2.54E-07	6.78E-06
417	488869.6, 3856600.76	1.51E-05	4.56E-05	2.64E-05	5.04E-07	1.22E-05	4.92E-07	1.32E-05	7.67E-06	2.32E-05	1.34E-05	2.56E-07	6.19E-06	2.50E-07	6.70E-06
418	488919.6, 3856600.76	1.49E-05	4.50E-05	2.60E-05	4.97E-07	1.20E-05	4.86E-07	1.30E-05	7.58E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06
419	488819.6, 3856650.76	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05	7.94E-06	2.40E-05	1.39E-05	2.65E-07	6.40E-06	2.59E-07	6.93E-06
420	488869.6, 3856650.76	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.03E-07	1.34E-05	7.83E-06	2.36E-05	1.37E-05	2.61E-07	6.32E-06	2.56E-07	6.83E-06
421	488819.6, 3856700.76	1.59E-05	4.81E-05	2.79E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	8.11E-06	2.45E-05	1.42E-05	2.71E-07	6.54E-06	2.65E-07	7.07E-06
422	488869.6, 3856700.76	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	7.99E-06	2.41E-05	1.40E-05	2.67E-07	6.45E-06	2.61E-07	6.98E-06
423	488819.6, 3856750.76	1.63E-05	4.92E-05	2.85E-05	5.44E-07	1.31E-05	5.32E-07	1.42E-05	8.29E-06	2.50E-05	1.45E-05	2.77E-07	6.68E-06	2.70E-07	7.23E-06
424	488869.6, 3856750.76	1.60E-05	4.85E-05	2.81E-05	5.36E-07	1.29E-05	5.24E-07	1.40E-05	8.16E-06	2.46E-05	1.43E-05	2.72E-07	6.58E-06	2.66E-07	7.12E-06
425	488819.6, 3857050.76	1.85E-05	5.59E-05	3.24E-05	6.18E-07	1.49E-05	6.04E-07	1.62E-05	9.41E-06	2.84E-05	1.65E-05	3.14E-07	7.59E-06	3.07E-07	8.21E-06
426	488869.6, 3857050.76	1.81E-05	5.47E-05	3.17E-05	6.05E-07	1.46E-05	5.91E-07	1.58E-05	9.21E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06
427	488919.6, 3857050.76	1.78E-05	5.36E-05	3.10E-05	5.93E-07	1.43E-05	5.79E-07	1.55E-05	9.03E-06	2.73E-05	1.58E-05	3.02E-07	7.28E-06	2.95E-07	7.88E-06
428	488819.6, 3857100.76	1.89E-05	5.70E-05	3.30E-05	6.31E-07	1.52E-05	6.16E-07	1.65E-05	9.60E-06	2.90E-05	1.68E-05	3.21E-07	7.74E-06	3.13E-07	8.38E-06
429	488869.6, 3857100.76	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05	9.39E-06	2.84E-05	1.64E-05	3.14E-07	7.58E-06	3.07E-07	8.20E-06
430	488919.6, 3857100.76	1.81E-05	5.46E-05	3.16E-05	6.03E-07	1.46E-05	5.90E-07	1.58E-05	9.19E-06	2.78E-05	1.61E-05	3.07E-07	7.42E-06	3.00E-07	8.02E-06

431	488819.6, 3857150.76	1.92E-05	5.81E-05	3.36E-05	6.43E-07	1.55E-05	6.28E-07	1.68E-05	9.78E-06	2.95E-05	1.71E-05	3.27E-07	7.89E-06	3.19E-07	8.54E-06
432	488869.6, 3857150.76	1.88E-05	5.67E-05	3.28E-05	6.27E-07	1.52E-05	6.13E-07	1.64E-05	9.56E-06	2.89E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.34E-06
433	488919.6, 3857150.76	1.84E-05	5.55E-05	3.21E-05	6.14E-07	1.48E-05	6.00E-07	1.60E-05	9.35E-06	2.82E-05	1.63E-05	3.12E-07	7.54E-06	3.05E-07	8.16E-06
434	488969.6, 3857150.76	1.80E-05	5.43E-05	3.14E-05	6.01E-07	1.45E-05	5.87E-07	1.57E-05	9.16E-06	2.77E-05	1.60E-05	3.06E-07	7.39E-06	2.99E-07	7.99E-06
435	488819.6, 3857200.76	1.96E-05	5.91E-05	3.42E-05	6.54E-07	1.58E-05	6.39E-07	1.71E-05	9.95E-06	3.01E-05	1.74E-05	3.32E-07	8.03E-06	3.25E-07	8.69E-06
436	488869.6, 3857200.76	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.23E-07	1.67E-05	9.72E-06	2.93E-05	1.70E-05	3.25E-07	7.84E-06	3.17E-07	8.48E-06
437	488919.6, 3857200.76	1.87E-05	5.63E-05	3.26E-05	6.23E-07	1.51E-05	6.09E-07	1.63E-05	9.50E-06	2.87E-05	1.66E-05	3.17E-07	7.66E-06	3.10E-07	8.29E-06
438	488969.6, 3857200.76	1.83E-05	5.51E-05	3.19E-05	6.10E-07	1.47E-05	5.96E-07	1.59E-05	9.30E-06	2.81E-05	1.63E-05	3.11E-07	7.50E-06	3.04E-07	8.12E-06
439	488819.6, 3857250.76	1.99E-05	6.00E-05	3.48E-05	6.64E-07	1.60E-05	6.49E-07	1.73E-05	1.01E-05	3.05E-05	1.77E-05	3.38E-07	8.16E-06	3.30E-07	8.83E-06
440	488869.6, 3857250.76	1.94E-05	5.86E-05	3.39E-05	6.48E-07	1.56E-05	6.33E-07	1.69E-05	9.87E-06	2.98E-05	1.73E-05	3.30E-07	7.96E-06	3.22E-07	8.62E-06
441	488919.6, 3857250.76	1.89E-05	5.72E-05	3.31E-05	6.32E-07	1.53E-05	6.18E-07	1.65E-05	9.65E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.42E-06
442	488969.6, 3857250.76	1.85E-05	5.59E-05	3.24E-05	6.18E-07	1.49E-05	6.04E-07	1.62E-05	9.44E-06	2.85E-05	1.65E-05	3.15E-07	7.61E-06	3.08E-07	8.24E-06
443	488819.6, 3857300.76	2.02E-05	6.09E-05	3.52E-05	6.73E-07	1.63E-05	6.58E-07	1.76E-05	1.03E-05	3.10E-05	1.79E-05	3.43E-07	8.28E-06	3.35E-07	8.96E-06
444	488869.6, 3857300.76	1.97E-05	5.94E-05	3.44E-05	6.56E-07	1.59E-05	6.41E-07	1.72E-05	1.00E-05	3.02E-05	1.75E-05	3.34E-07	8.08E-06	3.27E-07	8.74E-06
445	488919.6, 3857300.76	1.92E-05	5.79E-05	3.35E-05	6.41E-07	1.55E-05	6.26E-07	1.67E-05	9.78E-06	2.95E-05	1.71E-05	3.27E-07	7.89E-06	3.19E-07	8.54E-06
446	488819.6, 3857450.76	2.09E-05	6.31E-05	3.66E-05	6.98E-07	1.69E-05	6.82E-07	1.82E-05	1.07E-05	3.22E-05	1.87E-05	3.56E-07	8.61E-06	3.48E-07	9.31E-06
447	488869.6, 3857450.76	2.04E-05	6.16E-05	3.56E-05	6.81E-07	1.64E-05	6.65E-07	1.78E-05	1.04E-05	3.14E-05	1.82E-05	3.48E-07	8.40E-06	3.40E-07	9.08E-06
448	488919.6, 3857450.76	1.99E-05	6.01E-05	3.48E-05	6.64E-07	1.60E-05	6.49E-07	1.74E-05	1.02E-05	3.07E-05	1.78E-05	3.39E-07	8.20E-06	3.32E-07	8.87E-06
449	488819.6, 3857500.76	2.12E-05	6.39E-05	3.70E-05	7.07E-07	1.71E-05	6.91E-07	1.85E-05	1.08E-05	3.26E-05	1.89E-05	3.61E-07	8.72E-06	3.53E-07	9.43E-06
450	488869.6, 3857500.76	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05	1.05E-05	3.18E-05	1.84E-05	3.52E-07	8.50E-06	3.44E-07	9.20E-06
451	488919.6, 3857500.76	2.01E-05	6.08E-05	3.52E-05	6.72E-07	1.62E-05	6.57E-07	1.76E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.30E-06	3.36E-07	8.98E-06
452	488819.6, 3857550.76	2.14E-05	6.47E-05	3.74E-05	7.15E-07	1.73E-05	6.99E-07	1.87E-05	1.09E-05	3.30E-05	1.91E-05	3.66E-07	8.83E-06	3.57E-07	9.55E-06
453	488869.6, 3857550.76	2.09E-05	6.31E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05	1.07E-05	3.22E-05	1.87E-05	3.57E-07	8.62E-06	3.49E-07	9.32E-06
454	488919.6, 3857550.76	2.04E-05	6.16E-05	3.56E-05	6.81E-07	1.64E-05	6.65E-07	1.78E-05	1.04E-05	3.15E-05	1.82E-05	3.48E-07	8.41E-06	3.40E-07	9.10E-06
455	489663.71, 3860900.05	5.56E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.90E-06	8.76E-06	5.07E-06	9.69E-08	2.34E-06	9.46E-08	2.53E-06
456	489813.71, 3860900.05	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.84E-06	8.59E-06	4.97E-06	9.50E-08	2.29E-06	9.28E-08	2.48E-06
457	489863.71, 3860900.05	5.38E-06	1.62E-05	9.40E-06	1.80E-07	4.34E-06	1.75E-07	4.69E-06	2.82E-06	8.52E-06	4.93E-06	9.42E-08	2.28E-06	9.21E-08	2.46E-06
458	489913.71, 3860900.05	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.80E-06	8.47E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
459	489963.71, 3860900.05	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.78E-06	8.40E-06	4.86E-06	9.29E-08	2.24E-06	9.08E-08	2.43E-06
460	490013.71, 3860900.05	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.22E-06	1.71E-07	4.57E-06	2.77E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
461	490063.71, 3860900.05	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.75E-06	8.29E-06	4.80E-06	9.17E-08	2.22E-06	8.96E-08	2.40E-06
462	489663.71, 3860950.05	5.03E-06	1.52E-05	8.80E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.64E-06	7.96E-06	4.61E-06	8.80E-08	2.13E-06	8.60E-08	2.30E-06
463	489813.71, 3860950.05	4.94E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.31E-06	2.60E-06	7.86E-06	4.55E-06	8.69E-08	2.10E-06	8.49E-08	2.27E-06
464	489863.71, 3860950.05	4.91E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06	2.59E-06	7.82E-06	4.53E-06	8.65E-08	2.09E-06	8.45E-08	2.26E-06
465	489913.71, 3860950.05	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.58E-06	7.78E-06	4.51E-06	8.61E-08	2.08E-06	8.41E-08	2.25E-06
466	489963.71, 3860950.05	4.85E-06	1.46E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.57E-06	7.75E-06	4.48E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
467	490013.71, 3860950.05	4.82E-06	1.45E-05	8.42E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.55E-06	7.71E-06	4.46E-06	8.52E-08	2.06E-06	8.33E-08	2.23E-06
468	490063.71, 3860950.05	4.79E-06	1.45E-05	8.37E-06	1.60E-07	3.86E-06	1.56E-07	4.18E-06	2.54E-06	7.68E-06	4.44E-06	8.49E-08	2.05E-06	8.30E-08	2.22E-06
469	489513.71, 3861000.05	4.63E-06	1.40E-05	8.10E-06	1.55E-07	3.74E-06	1.51E-07	4.04E-06	2.43E-06	7.34E-06	4.25E-06	8.12E-08	1.96E-06	7.93E-08	2.12E-06
470	489563.71, 3861000.05	4.61E-06	1.39E-05	8.06E-06	1.54E-07	3.72E-06	1.51E-07	4.03E-06	2.42E-06	7.32E-06	4.24E-06	8.09E-08	1.95E-06	7.91E-08	2.11E-06
471	489613.71, 3861000.05	4.60E-06	1.39E-05	8.05E-06	1.54E-07	3.71E-06	1.50E-07	4.02E-06	2.42E-06	7.31E-06	4.23E-06	8.08E-08	1.95E-06	7.90E-08	2.11E-06
472	489663.71, 3861000.05	4.59E-06	1.38E-05	8.02E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	2.41E-06	7.29E-06	4.22E-06	8.06E-08	1.95E-06	7.88E-08	2.11E-06
473	489713.71, 3861000.05	4.57E-06	1.38E-05	7.98E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.85E-08	2.10E-06
474	489763.71, 3861000.05	4.55E-06	1.37E-05	7.95E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.40E-06	7.25E-06	4.20E-06	8.01E-08	1.94E-06	7.83E-08	2.09E-06
475	489813.71, 3861000.05	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.39E-06	7.23E-06	4.19E-06	8.00E-08	1.93E-06	7.81E-08	2.09E-06
476	489863.71, 3861000.05	4.51E-06	1.36E-05	7.88E-06	1.51E-07	3.64E-06	1.47E-07	3.93E-06	2.39E-06	7.21E-06	4.17E-06	7.97E-08	1.93E-06	7.79E-08	2.08E-06
477	489913.71, 3861000.05	4.49E-06	1.35E-05	7.84E-06	1.50E-07	3.62E-06	1.46E-07	3.92E-06	2.38E-06	7.19E-06	4.16E-06	7.95E-08	1.92E-06	7.77E-08	2.08E-06
478	489963.71, 3861000.05	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.60E-06	1.46E-07	3.90E-06	2.37E-06	7.16E-06	4.15E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06
479	490013.71, 3861000.05	4.44E-06	1.34E-05	7.77E-06	1.48E-07	3.58E-06	1.45E-07	3.88E-06	2.36E-06	7.14E-06	4.13E-06	7.90E-08	1.91E-06	7.72E-08	2.06E-06
480	490063.71, 3861000.05	4.42E-06	1.34E-05	7.73E-06	1.48E-07	3.57E-06	1.44E-07	3.86E-06	2.36E-06	7.12E-06	4.12E-06	7.88E-08	1.90E-06	7.70E-08	2.06E-06
481	489513.71, 3861050.05	4.24E-06	1.28E-05	7.40E-06	1.41E-07	3.42E-06	1.38E-07	3.70E-06	2.23E-06	6.74E-06	3.90E-06	7.46E-08	1.80E-06	7.29E-08	1.95E-06
482	489563.71, 3861050.05	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.23E-06	6.73E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
483	489613.71, 3861050.05	4.22E-06	1.27E-05	7.38E-06	1.41E-07	3.40E-06	1.38E-07	3.68E-06	2.23E-06	6.73E-06	3.90E-06	7.44E-08	1.80E-06	7.28E-08	1.95E-06
484	489663.71, 3861050.05	4.21E-06	1.27E-05	7.36E-06	1.41E-07	3.40E-06	1.37E-07	3.67E-06	2.23E-06	6.73E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
485	489713.71, 3861050.05	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06	2.22E-06	6.71E-06	3.88E-06	7.42E-08	1.79E-06	7.25E-08	1.94E-06
486	489763.71, 3861050.05	4.18E-06	1.26E-05	7.31E-06	1.40E-07	3.38E-06	1.37E-07	3.65E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
487	489813.71, 3861050.05	4.17E-06	1.26E-05	7.29E-06	1.39E-07	3.37E-06	1.36E-07	3.64E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
488	489863.71, 3861050.05	4.16E-06	1.26E-05	7.27E-06	1.39E-07	3.36E-06	1.36E-07	3.63E-06	2.21E-06	6.68E-06	3.87E-06	7.39E-08	1.78E-06	7.22E-08	1.93E-06
489	489913.71, 3861050.05	4.15E-06	1.25E-05	7.25E-06	1.39E-07	3.35E-06	1.35E-07	3.62E-06	2.21E-06	6.67E-06	3.86E-06	7.38E-08	1.78E-06	7.21E-08	1.93E-06
490	489963.71, 3861050.05	4.13E-06	1.25E-05	7.22E-06	1.38E-07	3.33E-06	1.35E-07	3.61E-06	2.20E-06	6.66E-06	3.85E-06	7.36E-08	1.78E-06	7.19E-08	1.92E-06
491	490013.71, 3861050.05	4.12E-06	1.24E-05	7.20E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.20E-06	6.64E-06	3.85E-06	7.35E-08	1.77E-06	7.18E-08	1.92E-06
492	490063.71, 3861050.05	4.10E-06	1.24E-05	7.17E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.20E-06	6.63E-06	3.84E-06	7.33E-08	1.77E-06	7.17E-08	1.92E-06

493	489513.71, 3861100.05	3.91E-06	1.18E-05	6.83E-06	1.31E-07	3.15E-06	1.28E-07	3.41E-06	2.07E-06	6.25E-06	3.62E-06	6.91E-08	1.67E-06	6.76E-08	1.81E-06
494	489563.71, 3861100.05	3.90E-06	1.18E-05	6.81E-06	1.30E-07	3.14E-06	1.27E-07	3.40E-06	2.07E-06	6.24E-06	3.61E-06	6.90E-08	1.67E-06	6.75E-08	1.80E-06
495	489613.71, 3861100.05	3.89E-06	1.17E-05	6.80E-06	1.30E-07	3.14E-06	1.27E-07	3.40E-06	2.07E-06	6.24E-06	3.61E-06	6.90E-08	1.67E-06	6.74E-08	1.80E-06
496	489663.71, 3861100.05	3.88E-06	1.17E-05	6.79E-06	1.30E-07	3.13E-06	1.27E-07	3.39E-06	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06
497	489713.71, 3861100.05	3.88E-06	1.17E-05	6.78E-06	1.30E-07	3.13E-06	1.27E-07	3.39E-06	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.67E-06	6.74E-08	1.80E-06
498	489763.71, 3861100.05	3.87E-06	1.17E-05	6.77E-06	1.29E-07	3.12E-06	1.26E-07	3.38E-06	2.06E-06	6.23E-06	3.60E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06
499	489813.71, 3861100.05	3.87E-06	1.17E-05	6.76E-06	1.29E-07	3.12E-06	1.26E-07	3.37E-06	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06
500	489863.71, 3861100.05	3.86E-06	1.17E-05	6.75E-06	1.29E-07	3.11E-06	1.26E-07	3.37E-06	2.06E-06	6.22E-06	3.60E-06	6.88E-08	1.66E-06	6.73E-08	1.80E-06
501	489913.71, 3861100.05	3.85E-06	1.16E-05	6.72E-06	1.28E-07	3.10E-06	1.26E-07	3.36E-06	2.06E-06	6.21E-06	3.60E-06	6.87E-08	1.66E-06	6.71E-08	1.80E-06
502	489963.71, 3861100.05	3.84E-06	1.16E-05	6.71E-06	1.28E-07	3.10E-06	1.25E-07	3.35E-06	2.06E-06	6.21E-06	3.60E-06	6.87E-08	1.66E-06	6.71E-08	1.80E-06
503	490013.71, 3861100.05	3.83E-06	1.15E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06	2.05E-06	6.20E-06	3.59E-06	6.85E-08	1.66E-06	6.70E-08	1.79E-06
504	490063.71, 3861100.05	3.82E-06	1.15E-05	6.68E-06	1.28E-07	3.08E-06	1.25E-07	3.33E-06	2.05E-06	6.20E-06	3.59E-06	6.86E-08	1.66E-06	6.70E-08	1.79E-06
505	489713.71, 3861150.05	3.61E-06	1.09E-05	6.30E-06	1.20E-07	2.91E-06	1.18E-07	3.15E-06	1.93E-06	5.82E-06	3.37E-06	6.43E-08	1.55E-06	6.29E-08	1.68E-06
506	489763.71, 3861150.05	3.60E-06	1.09E-05	6.30E-06	1.20E-07	2.91E-06	1.18E-07	3.15E-06	1.93E-06	5.82E-06	3.37E-06	6.44E-08	1.56E-06	6.29E-08	1.68E-06
507	489813.71, 3861150.05	3.60E-06	1.09E-05	6.29E-06	1.20E-07	2.90E-06	1.18E-07	3.14E-06	1.93E-06	5.82E-06	3.37E-06	6.44E-08	1.56E-06	6.29E-08	1.68E-06
508	489863.71, 3861150.05	3.59E-06	1.08E-05	6.28E-06	1.20E-07	2.90E-06	1.17E-07	3.13E-06	1.93E-06	5.82E-06	3.37E-06	6.43E-08	1.55E-06	6.29E-08	1.68E-06
509	489913.71, 3861150.05	3.59E-06	1.08E-05	6.27E-06	1.20E-07	2.90E-06	1.17E-07	3.13E-06	1.93E-06	5.82E-06	3.37E-06	6.44E-08	1.55E-06	6.29E-08	1.68E-06
510	489963.71, 3861150.05	3.58E-06	1.08E-05	6.26E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06	1.93E-06	5.82E-06	3.37E-06	6.44E-08	1.55E-06	6.29E-08	1.68E-06
511	490013.71, 3861150.05	3.57E-06	1.08E-05	6.24E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06	1.92E-06	5.81E-06	3.36E-06	6.43E-08	1.55E-06	6.28E-08	1.68E-06
512	490063.71, 3861150.05	3.57E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06	1.92E-06	5.81E-06	3.36E-06	6.43E-08	1.55E-06	6.28E-08	1.68E-06
513	489613.71, 3861200.05	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06	1.81E-06	5.45E-06	3.16E-06	6.03E-08	1.46E-06	5.89E-08	1.58E-06
514	489663.71, 3861200.05	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06	1.81E-06	5.46E-06	3.16E-06	6.04E-08	1.46E-06	5.90E-08	1.58E-06
515	489713.71, 3861200.05	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06	1.81E-06	5.46E-06	3.16E-06	6.04E-08	1.46E-06	5.90E-08	1.58E-06
516	489763.71, 3861200.05	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06	1.81E-06	5.47E-06	3.16E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
517	489813.71, 3861200.05	3.37E-06	1.02E-05	5.89E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06	1.81E-06	5.47E-06	3.16E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
518	489863.71, 3861200.05	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06	1.81E-06	5.48E-06	3.17E-06	6.06E-08	1.46E-06	5.92E-08	1.58E-06
519	489913.71, 3861200.05	3.36E-06	1.01E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06	1.81E-06	5.47E-06	3.17E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
520	489963.71, 3861200.05	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.71E-06	1.09E-07	2.93E-06	1.81E-06	5.47E-06	3.17E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
521	490013.71, 3861200.05	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06	1.81E-06	5.47E-06	3.17E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
522	490063.71, 3861200.05	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06	1.81E-06	5.47E-06	3.17E-06	6.05E-08	1.46E-06	5.91E-08	1.58E-06
523	489513.71, 3861250.05	3.17E-06	9.56E-06	5.54E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.70E-06	5.13E-06	2.97E-06	5.67E-08	1.37E-06	5.54E-08	1.48E-06
524	489563.71, 3861250.05	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06	1.70E-06	5.14E-06	2.97E-06	5.68E-08	1.37E-06	5.55E-08	1.48E-06
525	489613.71, 3861250.05	3.17E-06	9.58E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06	1.70E-06	5.14E-06	2.98E-06	5.69E-08	1.37E-06	5.56E-08	1.49E-06
526	489663.71, 3861250.05	3.17E-06	9.58E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06	1.71E-06	5.15E-06	2.98E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06
527	489713.71, 3861250.05	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06	1.71E-06	5.15E-06	2.98E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06
528	489763.71, 3861250.05	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06	1.71E-06	5.16E-06	2.99E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06
529	489813.71, 3861250.05	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06	1.71E-06	5.16E-06	2.99E-06	5.71E-08	1.38E-06	5.58E-08	1.49E-06
530	489863.71, 3861250.05	3.17E-06	9.56E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.71E-06	5.16E-06	2.99E-06	5.71E-08	1.38E-06	5.58E-08	1.49E-06
531	489913.71, 3861250.05	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.71E-06	5.17E-06	2.99E-06	5.71E-08	1.38E-06	5.58E-08	1.49E-06
532	489963.71, 3861250.05	3.16E-06	9.54E-06	5.52E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.71E-06	5.17E-06	2.99E-06	5.72E-08	1.38E-06	5.58E-08	1.49E-06
533	490013.71, 3861250.05	3.16E-06	9.53E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.76E-06	1.71E-06	5.17E-06	2.99E-06	5.72E-08	1.38E-06	5.59E-08	1.49E-06
534	490063.71, 3861250.05	3.15E-06	9.51E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06	1.71E-06	5.17E-06	2.99E-06	5.72E-08	1.38E-06	5.59E-08	1.49E-06
535	489528.13, 3861308.47	2.96E-06	8.94E-06	5.17E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06	1.59E-06	4.81E-06	2.79E-06	5.32E-08	1.29E-06	5.20E-08	1.39E-06
536	489578.13, 3861308.47	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06	1.60E-06	4.82E-06	2.79E-06	5.33E-08	1.29E-06	5.21E-08	1.39E-06
537	489628.13, 3861308.47	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06	1.60E-06	4.83E-06	2.80E-06	5.34E-08	1.29E-06	5.22E-08	1.40E-06
538	489678.13, 3861308.47	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06	1.60E-06	4.84E-06	2.80E-06	5.35E-08	1.29E-06	5.23E-08	1.40E-06
539	489728.13, 3861308.47	2.97E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.68E-08	2.59E-06	1.60E-06	4.84E-06	2.80E-06	5.35E-08	1.29E-06	5.23E-08	1.40E-06
540	489778.13, 3861308.47	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06	1.60E-06	4.84E-06	2.80E-06	5.36E-08	1.29E-06	5.23E-08	1.40E-06
541	489678.13, 3861358.47	2.81E-06	8.49E-06	4.92E-06	9.39E-08	2.27E-06	9.18E-08	2.45E-06	1.52E-06	4.60E-06	2.66E-06	5.09E-08	1.23E-06	4.97E-08	1.33E-06
542	489728.13, 3861358.47	2.81E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.18E-08	2.46E-06	1.53E-06	4.61E-06	2.67E-06	5.09E-08	1.23E-06	4.98E-08	1.33E-06
543	489528.13, 3861408.47	2.68E-06	8.08E-06	4.68E-06	8.93E-08	2.16E-06	8.73E-08	2.33E-06	1.45E-06	4.38E-06	2.53E-06	4.84E-08	1.17E-06	4.73E-08	1.26E-06
544	489578.13, 3861408.47	2.67E-06	8.07E-06	4.67E-06	8.93E-08	2.16E-06	8.73E-08	2.33E-06	1.45E-06	4.38E-06	2.53E-06	4.84E-08	1.17E-06	4.73E-08	1.27E-06
545	489628.13, 3861408.47	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.73E-08	2.34E-06	1.45E-06	4.39E-06	2.54E-06	4.85E-08	1.17E-06	4.74E-08	1.27E-06
546	489678.13, 3861408.47	2.68E-06	8.10E-06	4.69E-06	8.95E-08	2.16E-06	8.75E-08	2.34E-06	1.46E-06	4.40E-06	2.54E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06
547	489728.13, 3861408.47	2.68E-06	8.09E-06	4.68E-06	8.95E-08	2.16E-06	8.74E-08	2.34E-06	1.46E-06	4.40E-06	2.55E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06
548	489528.13, 3861458.47	2.56E-06	7.72E-06	4.47E-06	8.53E-08	2.06E-06	8.34E-08	2.23E-06	1.39E-06	4.19E-06	2.43E-06	4.63E-08	1.12E-06	4.53E-08	1.21E-06
549	489578.13, 3861458.47	2.56E-06	7.73E-06	4.47E-06	8.54E-08	2.06E-06	8.35E-08	2.23E-06	1.39E-06	4.20E-06	2.43E-06	4.64E-08	1.12E-06	4.54E-08	1.21E-06
550	489628.13, 3861458.47	2.56E-06	7.73E-06	4.48E-06	8.55E-08	2.07E-06	8.36E-08	2.23E-06	1.39E-06	4.21E-06	2.44E-06	4.65E-08	1.12E-06	4.55E-08	1.22E-06
551	489678.13, 3861458.47	2.56E-06	7.73E-06	4.48E-06	8.55E-08	2.07E-06	8.36E-08	2.23E-06	1.39E-06	4.21E-06	2.44E-06	4.66E-08	1.12E-06	4.55E-08	1.22E-06
552	489728.13, 3861458.47	2.56E-06	7.74E-06	4.48E-06	8.56E-08	2.07E-06	8.36E-08	2.24E-06	1.40E-06	4.22E-06	2.44E-06	4.66E-08	1.13E-06	4.56E-08	1.22E-06
553	489528.13, 3861508.47	2.45E-06	7.40E-06	4.28E-06	8.18E-08	1.98E-06	7.99E-08	2.14E-06	1.33E-06	4.03E-06	2.33E-06	4.45E-08	1.08E-06	4.35E-08	1.16E-06
554	489578.13, 3861508.47	2.45E-06	7.41E-06	4.29E-06	8.19E-08	1.98E-06	8.00E-08	2.14E-06	1.34E-06	4.04E-06	2.34E-06	4.46E-08	1.08E-06	4.36E-08	1.17E-06

555	489628.13, 3861508.47	2.45E-06	7.40E-06	4.28E-06	8.18E-08	1.98E-06	8.00E-08	2.14E-06	1.34E-06	4.04E-06	2.34E-06	4.46E-08	1.08E-06	4.36E-08	1.17E-06
556	489678.13, 3861508.47	2.45E-06	7.41E-06	4.29E-06	8.19E-08	1.98E-06	8.01E-08	2.14E-06	1.34E-06	4.04E-06	2.34E-06	4.47E-08	1.08E-06	4.37E-08	1.17E-06
557	489728.13, 3861508.47	2.46E-06	7.41E-06	4.29E-06	8.20E-08	1.98E-06	8.01E-08	2.14E-06	1.34E-06	4.05E-06	2.34E-06	4.48E-08	1.08E-06	4.38E-08	1.17E-06
558	489628.13, 3861558.47	2.36E-06	7.12E-06	4.12E-06	7.88E-08	1.90E-06	7.70E-08	2.06E-06	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.21E-08	1.12E-06
559	489678.13, 3861558.47	2.36E-06	7.12E-06	4.12E-06	7.87E-08	1.90E-06	7.70E-08	2.06E-06	1.29E-06	3.90E-06	2.26E-06	4.31E-08	1.04E-06	4.21E-08	1.13E-06
560	489728.13, 3861558.47	2.36E-06	7.12E-06	4.12E-06	7.88E-08	1.90E-06	7.70E-08	2.06E-06	1.29E-06	3.90E-06	2.26E-06	4.32E-08	1.04E-06	4.22E-08	1.13E-06
561	489357.08, 3861015.81	4.57E-06	1.38E-05	7.99E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06	2.39E-06	7.22E-06	4.18E-06	7.99E-08	1.93E-06	7.81E-08	2.09E-06
562	489407.08, 3861015.81	4.54E-06	1.37E-05	7.93E-06	1.51E-07	3.66E-06	1.48E-07	3.96E-06	2.38E-06	7.18E-06	4.16E-06	7.94E-08	1.92E-06	7.76E-08	2.08E-06
563	489457.08, 3861015.81	4.52E-06	1.36E-05	7.89E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.37E-06	7.16E-06	4.14E-06	7.91E-08	1.91E-06	7.73E-08	2.07E-06
564	489357.08, 3861065.81	4.18E-06	1.26E-05	7.30E-06	1.40E-07	3.37E-06	1.36E-07	3.65E-06	2.20E-06	6.64E-06	3.84E-06	7.34E-08	1.77E-06	7.17E-08	1.92E-06
565	489407.08, 3861065.81	4.15E-06	1.25E-05	7.25E-06	1.39E-07	3.35E-06	1.35E-07	3.62E-06	2.19E-06	6.60E-06	3.82E-06	7.30E-08	1.76E-06	7.13E-08	1.91E-06
566	489457.08, 3861065.81	4.13E-06	1.25E-05	7.23E-06	1.38E-07	3.33E-06	1.35E-07	3.61E-06	2.18E-06	6.58E-06	3.81E-06	7.28E-08	1.76E-06	7.11E-08	1.90E-06
567	489357.08, 3861115.81	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.04E-06	6.15E-06	3.56E-06	6.80E-08	1.64E-06	6.64E-08	1.78E-06
568	489407.08, 3861115.81	3.83E-06	1.16E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06	2.03E-06	6.12E-06	3.54E-06	6.76E-08	1.63E-06	6.61E-08	1.77E-06
569	489457.08, 3861115.81	3.82E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.25E-07	3.33E-06	2.02E-06	6.11E-06	3.53E-06	6.75E-08	1.63E-06	6.60E-08	1.76E-06
570	489407.08, 3861165.81	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06	1.89E-06	5.70E-06	3.30E-06	6.31E-08	1.52E-06	6.16E-08	1.65E-06
571	489457.08, 3861165.81	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06	1.89E-06	5.69E-06	3.30E-06	6.30E-08	1.52E-06	6.15E-08	1.65E-06
572	489407.08, 3861215.81	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06	1.77E-06	5.35E-06	3.10E-06	5.91E-08	1.43E-06	5.78E-08	1.55E-06
573	489457.08, 3861215.81	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06	1.77E-06	5.34E-06	3.09E-06	5.91E-08	1.43E-06	5.77E-08	1.54E-06
574	489407.08, 3861265.81	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06	1.67E-06	5.04E-06	2.92E-06	5.58E-08	1.35E-06	5.45E-08	1.46E-06
575	489457.08, 3861265.81	3.11E-06	9.39E-06	5.44E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06	1.67E-06	5.03E-06	2.91E-06	5.57E-08	1.34E-06	5.44E-08	1.45E-06
576	489309.86, 3861110.14	3.95E-06	1.19E-05	6.91E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06	2.08E-06	6.29E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
577	489407.08, 3861315.81	2.95E-06	8.91E-06	5.16E-06	9.86E-08	2.38E-06	9.63E-08	2.58E-06	1.59E-06	4.79E-06	2.77E-06	5.29E-08	1.28E-06	5.17E-08	1.38E-06
578	489457.08, 3861315.81	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.60E-08	2.57E-06	1.58E-06	4.78E-06	2.76E-06	5.28E-08	1.28E-06	5.16E-08	1.38E-06
579	488906.03, 3861006.75	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06	2.20E-06	6.63E-06	3.84E-06	7.33E-08	1.77E-06	7.17E-08	1.92E-06
580	488956.03, 3861006.75	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.21E-06	6.69E-06	3.87E-06	7.39E-08	1.79E-06	7.23E-08	1.93E-06
581	488904.24, 3861051.87	3.83E-06	1.16E-05	6.70E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06	2.02E-06	6.09E-06	3.53E-06	6.74E-08	1.63E-06	6.59E-08	1.76E-06
582	488954.24, 3861051.87	3.85E-06	1.16E-05	6.74E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.03E-06	6.13E-06	3.55E-06	6.78E-08	1.64E-06	6.62E-08	1.77E-06
583	489004.24, 3861051.87	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.40E-06	2.05E-06	6.20E-06	3.59E-06	6.86E-08	1.66E-06	6.70E-08	1.79E-06
584	488804.24, 3861101.87	3.43E-06	1.04E-05	5.99E-06	1.14E-07	2.77E-06	1.12E-07	2.99E-06	1.82E-06	5.48E-06	3.17E-06	6.06E-08	1.46E-06	5.93E-08	1.58E-06
585	488854.24, 3861101.87	3.46E-06	1.04E-05	6.05E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06	1.83E-06	5.53E-06	3.20E-06	6.12E-08	1.48E-06	5.98E-08	1.60E-06
586	488904.24, 3861101.87	3.47E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06	1.84E-06	5.55E-06	3.21E-06	6.14E-08	1.48E-06	6.00E-08	1.60E-06
587	488954.24, 3861101.87	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06	1.86E-06	5.60E-06	3.24E-06	6.20E-08	1.50E-06	6.05E-08	1.62E-06
588	489004.24, 3861101.87	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06	1.88E-06	5.66E-06	3.28E-06	6.26E-08	1.51E-06	6.12E-08	1.64E-06
589	488804.24, 3861151.87	3.14E-06	9.49E-06	5.49E-06	1.05E-07	2.53E-06	1.03E-07	2.74E-06	1.67E-06	5.05E-06	2.92E-06	5.59E-08	1.35E-06	5.46E-08	1.46E-06
590	488854.24, 3861151.87	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.68E-06	5.09E-06	2.94E-06	5.63E-08	1.36E-06	5.50E-08	1.47E-06
591	489129.49, 3861187.55	3.30E-06	9.97E-06	5.77E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06	1.76E-06	5.31E-06	3.07E-06	5.87E-08	1.42E-06	5.73E-08	1.53E-06
592	489179.49, 3861187.55	3.67E-06	1.11E-05	6.42E-06	1.23E-07	2.96E-06	1.20E-07	3.20E-06	1.94E-06	5.85E-06	3.39E-06	6.47E-08	1.56E-06	6.32E-08	1.69E-06
593	488804.24, 3861201.87	2.93E-06	8.84E-06	5.12E-06	9.78E-08	2.36E-06	9.55E-08	2.55E-06	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06
594	488854.24, 3861201.87	2.94E-06	8.89E-06	5.15E-06	9.83E-08	2.37E-06	9.61E-08	2.57E-06	1.57E-06	4.76E-06	2.75E-06	5.26E-08	1.27E-06	5.14E-08	1.37E-06
595	489129.49, 3861237.55	3.10E-06	9.37E-06	5.42E-06	1.04E-07	2.50E-06	1.01E-07	2.71E-06	1.66E-06	5.00E-06	2.90E-06	5.53E-08	1.34E-06	5.41E-08	1.45E-06
596	489179.49, 3861237.55	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06	1.84E-06	5.56E-06	3.22E-06	6.14E-08	1.48E-06	6.00E-08	1.61E-06
597	488804.24, 3861251.87	2.74E-06	8.28E-06	4.79E-06	9.16E-08	2.21E-06	8.95E-08	2.39E-06	1.47E-06	4.45E-06	2.58E-06	4.92E-08	1.19E-06	4.81E-08	1.29E-06
598	488854.24, 3861251.87	2.76E-06	8.34E-06	4.83E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06	1.48E-06	4.48E-06	2.59E-06	4.95E-08	1.20E-06	4.84E-08	1.29E-06
599	488804.24, 3861301.87	2.58E-06	7.80E-06	4.52E-06	8.63E-08	2.08E-06	8.43E-08	2.25E-06	1.39E-06	4.21E-06	2.44E-06	4.65E-08	1.12E-06	4.55E-08	1.22E-06
600	488854.24, 3861301.87	2.60E-06	7.87E-06	4.55E-06	8.70E-08	2.10E-06	8.50E-08	2.27E-06	1.40E-06	4.24E-06	2.46E-06	4.69E-08	1.13E-06	4.58E-08	1.23E-06
601	490943.5, 3860181.97	1.18E-05	3.56E-05	2.06E-05	3.93E-07	9.50E-06	3.84E-07	1.03E-05	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06
602	490993.5, 3860181.97	1.23E-05	3.70E-05	2.14E-05	4.10E-07	9.89E-06	4.00E-07	1.07E-05	7.21E-06	2.18E-05	1.26E-05	2.41E-07	5.81E-06	2.35E-07	6.29E-06
603	491043.5, 3860181.97	1.30E-05	3.92E-05	2.27E-05	4.34E-07	1.05E-05	4.24E-07	1.13E-05	7.75E-06	2.34E-05	1.35E-05	2.59E-07	6.25E-06	2.53E-07	6.76E-06
604	491093.5, 3860181.97	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05	8.58E-06	2.59E-05	1.50E-05	2.86E-07	6.92E-06	2.80E-07	7.48E-06
605	490943.5, 3860231.97	1.08E-05	3.25E-05	1.88E-05	3.60E-07	8.69E-06	3.52E-07	9.40E-06	6.17E-06	1.86E-05	1.08E-05	2.06E-07	4.98E-06	2.01E-07	5.38E-06
606	490993.5, 3860231.97	1.11E-05	3.35E-05	1.94E-05	3.70E-07	8.95E-06	3.62E-07	9.68E-06	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.61E-06
607	491043.5, 3860231.97	1.15E-05	3.48E-05	2.02E-05	3.85E-07	9.30E-06	3.76E-07	1.01E-05	6.77E-06	2.04E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.91E-06
608	491093.5, 3860231.97	1.22E-05	3.69E-05	2.14E-05	4.08E-07	9.86E-06	3.99E-07	1.07E-05	7.27E-06	2.20E-05	1.27E-05	2.43E-07	5.87E-06	2.37E-07	6.35E-06
609	490943.5, 3860281.97	9.97E-06	3.01E-05	1.74E-05	3.33E-07	8.04E-06	3.25E-07	8.70E-06	5.65E-06	1.71E-05	9.88E-06	1.89E-07	4.56E-06	1.85E-07	4.93E-06
610	490993.5, 3860281.97	1.02E-05	3.07E-05	1.78E-05	3.39E-07	8.20E-06	3.32E-07	8.87E-06	5.83E-06	1.76E-05	1.02E-05	1.95E-07	4.70E-06	1.90E-07	5.08E-06
611	491043.5, 3860281.97	1.04E-05	3.15E-05	1.82E-05	3.49E-07	8.42E-06	3.41E-07	9.11E-06	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06
612	491093.5, 3860281.97	1.08E-05	3.27E-05	1.90E-05	3.62E-07	8.75E-06	3.54E-07	9.46E-06	6.37E-06	1.92E-05	1.11E-05	2.13E-07	5.13E-06	2.08E-07	5.56E-06
613	490943.5, 3860331.97	9.27E-06	2.80E-05	1.62E-05	3.10E-07	7.48E-06	3.03E-07	8.09E-06	5.23E-06	1.58E-05	9.13E-06	1.74E-07	4.21E-06	1.71E-07	4.56E-06
614	490993.5, 3860331.97	9.37E-06	2.83E-05	1.64E-05	3.13E-07	7.56E-06	3.06E-07	8.18E-06	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06
615	491043.5, 3860331.97	9.54E-06	2.88E-05	1.67E-05	3.19E-07	7.70E-06	3.11E-07	8.33E-06	5.48E-06	1.65E-05	9.58E-06	1.83E-07	4.42E-06	1.79E-07	4.78E-06
616	491093.5, 3860331.97	9.78E-06	2.95E-05	1.71E-05	3.27E-07	7.89E-06	3.19E-07	8.54E-06	5.68E-06	1.72E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06

617	490086.72, 3859935.12	1.49E-05	4.49E-05	2.60E-05	4.96E-07	1.20E-05	4.85E-07	1.30E-05	7.94E-06	2.40E-05	1.39E-05	2.65E-07	6.41E-06	2.59E-07	6.93E-06
618	490136.72, 3859935.12	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.18E-05	4.79E-07	1.28E-05	7.90E-06	2.39E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.89E-06
619	490186.72, 3859935.12	1.46E-05	4.39E-05	2.54E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05	7.89E-06	2.38E-05	1.38E-05	2.63E-07	6.36E-06	2.57E-07	6.88E-06
620	490236.72, 3859935.12	1.45E-05	4.37E-05	2.53E-05	4.83E-07	1.17E-05	4.72E-07	1.26E-05	7.90E-06	2.39E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.90E-06
621	490286.72, 3859935.12	1.44E-05	4.35E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	7.95E-06	2.40E-05	1.39E-05	2.65E-07	6.41E-06	2.59E-07	6.93E-06
622	490336.72, 3859935.12	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	8.03E-06	2.42E-05	1.40E-05	2.68E-07	6.48E-06	2.62E-07	7.01E-06
623	490386.72, 3859935.12	1.45E-05	4.38E-05	2.54E-05	4.85E-07	1.17E-05	4.73E-07	1.27E-05	8.16E-06	2.46E-05	1.43E-05	2.73E-07	6.58E-06	2.66E-07	7.12E-06
624	490436.72, 3859935.12	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05	8.35E-06	2.52E-05	1.46E-05	2.79E-07	6.74E-06	2.72E-07	7.29E-06
625	490486.72, 3859935.12	1.49E-05	4.51E-05	2.61E-05	4.99E-07	1.20E-05	4.87E-07	1.30E-05	8.62E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.52E-06
626	490536.72, 3859935.12	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.02E-07	1.34E-05	9.03E-06	2.73E-05	1.58E-05	3.02E-07	7.28E-06	2.95E-07	7.88E-06
627	490586.72, 3859935.12	1.61E-05	4.85E-05	2.81E-05	5.36E-07	1.30E-05	5.24E-07	1.40E-05	9.61E-06	2.90E-05	1.68E-05	3.21E-07	7.75E-06	3.14E-07	8.39E-06
628	490636.72, 3859935.12	1.70E-05	5.13E-05	2.97E-05	5.67E-07	1.37E-05	5.54E-07	1.48E-05	1.04E-05	3.14E-05	1.82E-05	3.47E-07	8.38E-06	3.39E-07	9.07E-06
629	490686.72, 3859935.12	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.38E-06	3.80E-07	1.02E-05
630	490736.72, 3859935.12	2.07E-05	6.26E-05	3.63E-05	6.93E-07	1.67E-05	6.77E-07	1.81E-05	1.35E-05	4.07E-05	2.35E-05	4.50E-07	1.09E-05	4.40E-07	1.18E-05
631	490086.72, 3859985.12	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	7.64E-06	2.31E-05	1.34E-05	2.55E-07	6.16E-06	2.49E-07	6.67E-06
632	490136.72, 3859985.12	1.42E-05	4.29E-05	2.48E-05	4.74E-07	1.15E-05	4.63E-07	1.24E-05	7.56E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06
633	490186.72, 3859985.12	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.57E-07	1.22E-05	7.51E-06	2.27E-05	1.31E-05	2.51E-07	6.06E-06	2.45E-07	6.55E-06
634	490236.72, 3859985.12	1.39E-05	4.19E-05	2.42E-05	4.63E-07	1.12E-05	4.52E-07	1.21E-05	7.48E-06	2.26E-05	1.31E-05	2.50E-07	6.04E-06	2.44E-07	6.53E-06
635	490286.72, 3859985.12	1.38E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.49E-07	1.20E-05	7.47E-06	2.26E-05	1.31E-05	2.50E-07	6.03E-06	2.44E-07	6.52E-06
636	490336.72, 3859985.12	1.37E-05	4.13E-05	2.39E-05	4.56E-07	1.10E-05	4.46E-07	1.19E-05	7.49E-06	2.26E-05	1.31E-05	2.50E-07	6.04E-06	2.44E-07	6.53E-06
637	490386.72, 3859985.12	1.36E-05	4.11E-05	2.38E-05	4.55E-07	1.10E-05	4.45E-07	1.19E-05	7.52E-06	2.27E-05	1.32E-05	2.51E-07	6.07E-06	2.46E-07	6.57E-06
638	490436.72, 3859985.12	1.36E-05	4.12E-05	2.38E-05	4.56E-07	1.10E-05	4.45E-07	1.19E-05	7.60E-06	2.30E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.64E-06
639	490486.72, 3859985.12	1.37E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.48E-07	1.20E-05	7.74E-06	2.34E-05	1.35E-05	2.58E-07	6.24E-06	2.52E-07	6.75E-06
640	490536.72, 3859985.12	1.39E-05	4.20E-05	2.43E-05	4.65E-07	1.12E-05	4.54E-07	1.22E-05	7.93E-06	2.40E-05	1.39E-05	2.65E-07	6.40E-06	2.59E-07	6.92E-06
641	490586.72, 3859985.12	1.42E-05	4.30E-05	2.49E-05	4.75E-07	1.15E-05	4.64E-07	1.24E-05	8.22E-06	2.48E-05	1.44E-05	2.74E-07	6.63E-06	2.68E-07	7.17E-06
642	490636.72, 3859985.12	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.19E-05	4.79E-07	1.28E-05	8.61E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.51E-06
643	490686.72, 3859985.12	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.02E-07	1.34E-05	9.19E-06	2.77E-05	1.61E-05	3.07E-07	7.41E-06	3.00E-07	8.02E-06
644	490736.72, 3859985.12	1.64E-05	4.94E-05	2.86E-05	5.46E-07	1.32E-05	5.34E-07	1.43E-05	9.94E-06	3.00E-05	1.74E-05	3.32E-07	8.01E-06	3.24E-07	8.67E-06
645	490786.72, 3859985.12	1.79E-05	5.40E-05	3.12E-05	5.97E-07	1.44E-05	5.83E-07	1.56E-05	1.11E-05	3.34E-05	1.94E-05	3.70E-07	8.94E-06	3.61E-07	9.67E-06
646	490086.72, 3860035.12	1.40E-05	4.24E-05	2.45E-05	4.69E-07	1.13E-05	4.58E-07	1.22E-05	7.39E-06	2.23E-05	1.29E-05	2.47E-07	5.96E-06	2.41E-07	6.45E-06
647	490136.72, 3860035.12	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.49E-07	1.20E-05	7.28E-06	2.20E-05	1.27E-05	2.43E-07	5.88E-06	2.38E-07	6.36E-06
648	490186.72, 3860035.12	1.35E-05	4.09E-05	2.37E-05	4.52E-07	1.09E-05	4.42E-07	1.18E-05	7.20E-06	2.17E-05	1.26E-05	2.40E-07	5.81E-06	2.35E-07	6.28E-06
649	490236.72, 3860035.12	1.33E-05	4.03E-05	2.33E-05	4.46E-07	1.08E-05	4.36E-07	1.16E-05	7.14E-06	2.16E-05	1.25E-05	2.38E-07	5.76E-06	2.33E-07	6.23E-06
650	490286.72, 3860035.12	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05	7.09E-06	2.14E-05	1.24E-05	2.37E-07	5.72E-06	2.31E-07	6.19E-06
651	490336.72, 3860035.12	1.31E-05	3.94E-05	2.28E-05	4.36E-07	1.05E-05	4.26E-07	1.14E-05	7.07E-06	2.14E-05	1.24E-05	2.36E-07	5.70E-06	2.31E-07	6.17E-06
652	490386.72, 3860035.12	1.30E-05	3.91E-05	2.26E-05	4.33E-07	1.04E-05	4.23E-07	1.13E-05	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.70E-06	2.30E-07	6.16E-06
653	490436.72, 3860035.12	1.29E-05	3.89E-05	2.25E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05	7.08E-06	2.14E-05	1.24E-05	2.37E-07	5.71E-06	2.31E-07	6.18E-06
654	490486.72, 3860035.12	1.29E-05	3.89E-05	2.25E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05	7.14E-06	2.16E-05	1.25E-05	2.38E-07	5.76E-06	2.33E-07	6.23E-06
655	490536.72, 3860035.12	1.30E-05	3.91E-05	2.26E-05	4.33E-07	1.05E-05	4.23E-07	1.13E-05	7.24E-06	2.19E-05	1.27E-05	2.42E-07	5.84E-06	2.36E-07	6.32E-06
656	490586.72, 3860035.12	1.31E-05	3.95E-05	2.29E-05	4.37E-07	1.06E-05	4.27E-07	1.14E-05	7.38E-06	2.23E-05	1.29E-05	2.46E-07	5.95E-06	2.41E-07	6.44E-06
657	490636.72, 3860035.12	1.33E-05	4.01E-05	2.32E-05	4.43E-07	1.07E-05	4.33E-07	1.16E-05	7.57E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06
658	490686.72, 3860035.12	1.36E-05	4.11E-05	2.38E-05	4.55E-07	1.10E-05	4.44E-07	1.19E-05	7.86E-06	2.37E-05	1.37E-05	2.62E-07	6.34E-06	2.56E-07	6.86E-06
659	490736.72, 3860035.12	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.62E-07	1.23E-05	8.28E-06	2.50E-05	1.45E-05	2.76E-07	6.68E-06	2.70E-07	7.23E-06
660	490786.72, 3860035.12	1.48E-05	4.48E-05	2.59E-05	4.95E-07	1.20E-05	4.84E-07	1.29E-05	8.80E-06	2.66E-05	1.54E-05	2.94E-07	7.10E-06	2.87E-07	7.68E-06
661	490836.72, 3860035.12	1.58E-05	4.76E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05	9.52E-06	2.87E-05	1.66E-05	3.18E-07	7.68E-06	3.11E-07	8.31E-06
662	490086.72, 3860085.12	1.37E-05	4.14E-05	2.39E-05	4.57E-07	1.10E-05	4.47E-07	1.20E-05	7.17E-06	2.17E-05	1.25E-05	2.39E-07	5.78E-06	2.34E-07	6.26E-06
663	490136.72, 3860085.12	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.37E-07	1.17E-05	7.03E-06	2.12E-05	1.23E-05	2.35E-07	5.67E-06	2.30E-07	6.14E-06
664	490186.72, 3860085.12	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.15E-05	6.94E-06	2.09E-05	1.21E-05	2.32E-07	5.59E-06	2.26E-07	6.05E-06
665	490236.72, 3860085.12	1.29E-05	3.89E-05	2.25E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.52E-06	2.23E-07	5.98E-06
666	490286.72, 3860085.12	1.27E-05	3.83E-05	2.22E-05	4.24E-07	1.02E-05	4.14E-07	1.11E-05	6.78E-06	2.05E-05	1.18E-05	2.26E-07	5.47E-06	2.21E-07	5.91E-06
667	490336.72, 3860085.12	1.25E-05	3.78E-05	2.19E-05	4.18E-07	1.01E-05	4.09E-07	1.09E-05	6.72E-06	2.03E-05	1.18E-05	2.25E-07	5.42E-06	2.19E-07	5.87E-06
668	490386.72, 3860085.12	1.24E-05	3.74E-05	2.17E-05	4.14E-07	9.99E-06	4.04E-07	1.08E-05	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.40E-06	2.18E-07	5.84E-06
669	490436.72, 3860085.12	1.23E-05	3.71E-05	2.15E-05	4.10E-07	9.91E-06	4.01E-07	1.07E-05	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.38E-06	2.18E-07	5.83E-06
670	490486.72, 3860085.12	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.99E-07	1.07E-05	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06
671	490536.72, 3860085.12	1.22E-05	3.68E-05	2.13E-05	4.07E-07	9.84E-06	3.98E-07	1.06E-05	6.72E-06	2.03E-05	1.18E-05	2.25E-07	5.42E-06	2.19E-07	5.87E-06
672	490586.72, 3860085.12	1.22E-05	3.69E-05	2.14E-05	4.09E-07	9.87E-06	3.99E-07	1.07E-05	6.80E-06	2.05E-05	1.19E-05	2.27E-07	5.48E-06	2.22E-07	5.93E-06
673	490636.72, 3860085.12	1.23E-05	3.72E-05	2.15E-05	4.11E-07	9.93E-06	4.02E-07	1.07E-05	6.90E-06	2.08E-05	1.21E-05	2.30E-07	5.56E-06	2.25E-07	6.02E-06
674	490686.72, 3860085.12	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.07E-07	1.09E-05	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.69E-06	2.30E-07	6.16E-06
675	490736.72, 3860085.12	1.27E-05	3.85E-05	2.23E-05	4.25E-07	1.03E-05	4.16E-07	1.11E-05	7.28E-06	2.20E-05	1.27E-05	2.43E-07	5.87E-06	2.38E-07	6.35E-06
676	490786.72, 3860085.12	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.14E-05	7.58E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06
677	490836.72, 3860085.12	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05	7.94E-06	2.40E-05	1.39E-05	2.65E-07	6.41E-06	2.59E-07	6.93E-06
678	490086.72, 3860135.12	1.33E-05	4.01E-05	2.32E-05	4.44E-07	1.07E-05	4.34E-07	1.16E-05	6.93E-06	2.09E-05	1.21E-05	2.31E-07	5.59E-06	2.26E-07	6.05E-06

679	490136.72, 3860135.12	1.30E-05	3.92E-05	2.27E-05	4.33E-07	1.05E-05	4.24E-07	1.13E-05	6.79E-06	2.05E-05	1.19E-05	2.27E-07	5.48E-06	2.22E-07	5.93E-06
680	490186.72, 3860135.12	1.27E-05	3.84E-05	2.22E-05	4.24E-07	1.03E-05	4.15E-07	1.11E-05	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06
681	490236.72, 3860135.12	1.25E-05	3.76E-05	2.18E-05	4.16E-07	1.00E-05	4.06E-07	1.09E-05	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06
682	490286.72, 3860135.12	1.22E-05	3.69E-05	2.14E-05	4.09E-07	9.87E-06	3.99E-07	1.07E-05	6.49E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06
683	490336.72, 3860135.12	1.20E-05	3.64E-05	2.11E-05	4.02E-07	9.72E-06	3.93E-07	1.05E-05	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.18E-06	2.10E-07	5.61E-06
684	490386.72, 3860135.12	1.19E-05	3.59E-05	2.08E-05	3.97E-07	9.58E-06	3.88E-07	1.04E-05	6.37E-06	1.92E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06
685	490436.72, 3860135.12	1.17E-05	3.54E-05	2.05E-05	3.92E-07	9.47E-06	3.83E-07	1.02E-05	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.07E-07	5.52E-06
686	490486.72, 3860135.12	1.16E-05	3.51E-05	2.03E-05	3.89E-07	9.39E-06	3.80E-07	1.02E-05	6.31E-06	1.91E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.51E-06
687	490536.72, 3860135.12	1.16E-05	3.49E-05	2.02E-05	3.86E-07	9.33E-06	3.78E-07	1.01E-05	6.32E-06	1.91E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.51E-06
688	490586.72, 3860135.12	1.15E-05	3.49E-05	2.02E-05	3.86E-07	9.31E-06	3.77E-07	1.01E-05	6.34E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06
689	490636.72, 3860135.12	1.16E-05	3.49E-05	2.02E-05	3.86E-07	9.32E-06	3.77E-07	1.01E-05	6.39E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.58E-06
690	490686.72, 3860135.12	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.37E-06	3.79E-07	1.01E-05	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06
691	490736.72, 3860135.12	1.17E-05	3.54E-05	2.05E-05	3.92E-07	9.46E-06	3.83E-07	1.02E-05	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06
692	490786.72, 3860135.12	1.19E-05	3.60E-05	2.09E-05	3.98E-07	9.62E-06	3.89E-07	1.04E-05	6.78E-06	2.05E-05	1.18E-05	2.26E-07	5.47E-06	2.21E-07	5.91E-06
693	490836.72, 3860135.12	1.22E-05	3.68E-05	2.13E-05	4.07E-07	9.83E-06	3.97E-07	1.06E-05	6.99E-06	2.11E-05	1.22E-05	2.33E-07	5.64E-06	2.28E-07	6.10E-06
694	490086.72, 3860185.12	1.29E-05	3.89E-05	2.25E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06
695	490136.72, 3860185.12	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.01E-05	4.11E-07	1.10E-05	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.73E-06
696	490186.72, 3860185.12	1.23E-05	3.71E-05	2.15E-05	4.10E-07	9.91E-06	4.01E-07	1.07E-05	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.19E-06	2.10E-07	5.62E-06
697	490236.72, 3860185.12	1.20E-05	3.63E-05	2.10E-05	4.01E-07	9.70E-06	3.92E-07	1.05E-05	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06
698	490286.72, 3860185.12	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06
699	490336.72, 3860185.12	1.16E-05	3.50E-05	2.02E-05	3.87E-07	9.34E-06	3.78E-07	1.01E-05	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06
700	490386.72, 3860185.12	1.14E-05	3.44E-05	1.99E-05	3.80E-07	9.19E-06	3.72E-07	9.94E-06	6.08E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06
701	490436.72, 3860185.12	1.12E-05	3.39E-05	1.96E-05	3.75E-07	9.07E-06	3.67E-07	9.81E-06	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06
702	490486.72, 3860185.12	1.11E-05	3.35E-05	1.94E-05	3.71E-07	8.96E-06	3.62E-07	9.69E-06	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06
703	490536.72, 3860185.12	1.10E-05	3.32E-05	1.92E-05	3.68E-07	8.88E-06	3.59E-07	9.61E-06	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.21E-06
704	490586.72, 3860185.12	1.09E-05	3.31E-05	1.91E-05	3.66E-07	8.83E-06	3.57E-07	9.55E-06	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.21E-06
705	490636.72, 3860185.12	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06
706	490686.72, 3860185.12	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06
707	490736.72, 3860185.12	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.83E-06	3.57E-07	9.55E-06	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.32E-06
708	490786.72, 3860185.12	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.90E-06	3.60E-07	9.63E-06	6.19E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.40E-06
709	490836.72, 3860185.12	1.12E-05	3.38E-05	1.95E-05	3.73E-07	9.02E-06	3.65E-07	9.76E-06	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.52E-06
710	490086.72, 3860235.12	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.07E-07	1.09E-05	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06
711	490136.72, 3860235.12	1.22E-05	3.67E-05	2.12E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06
712	490186.72, 3860235.12	1.19E-05	3.58E-05	2.07E-05	3.96E-07	9.57E-06	3.87E-07	1.03E-05	6.19E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.40E-06
713	490236.72, 3860235.12	1.16E-05	3.50E-05	2.02E-05	3.87E-07	9.34E-06	3.78E-07	1.01E-05	6.07E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06
714	490286.72, 3860235.12	1.13E-05	3.42E-05	1.98E-05	3.79E-07	9.15E-06	3.70E-07	9.89E-06	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06
715	490336.72, 3860235.12	1.11E-05	3.36E-05	1.94E-05	3.71E-07	8.97E-06	3.63E-07	9.70E-06	5.88E-06	1.78E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.13E-06
716	490386.72, 3860235.12	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.81E-06	3.57E-07	9.53E-06	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06
717	490436.72, 3860235.12	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06
718	490486.72, 3860235.12	1.06E-05	3.20E-05	1.85E-05	3.54E-07	8.56E-06	3.46E-07	9.26E-06	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06
719	490536.72, 3860235.12	1.05E-05	3.17E-05	1.83E-05	3.50E-07	8.46E-06	3.42E-07	9.16E-06	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.56E-06	1.85E-07	4.94E-06
720	490586.72, 3860235.12	1.04E-05	3.14E-05	1.82E-05	3.47E-07	8.39E-06	3.39E-07	9.08E-06	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06
721	490636.72, 3860235.12	1.03E-05	3.12E-05	1.81E-05	3.45E-07	8.34E-06	3.37E-07	9.02E-06	5.64E-06	1.70E-05	9.85E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06
722	490686.72, 3860235.12	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.31E-06	3.36E-07	8.99E-06	5.65E-06	1.71E-05	9.88E-06	1.89E-07	4.56E-06	1.84E-07	4.93E-06
723	490736.72, 3860235.12	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.31E-06	3.36E-07	8.99E-06	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06
724	490786.72, 3860235.12	1.03E-05	3.12E-05	1.80E-05	3.45E-07	8.33E-06	3.37E-07	9.01E-06	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06
725	490086.72, 3860285.12	1.20E-05	3.64E-05	2.10E-05	4.02E-07	9.71E-06	3.93E-07	1.05E-05	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.44E-06
726	490136.72, 3860285.12	1.17E-05	3.54E-05	2.05E-05	3.91E-07	9.44E-06	3.82E-07	1.02E-05	6.08E-06	1.84E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.31E-06
727	490186.72, 3860285.12	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.20E-06	3.72E-07	9.95E-06	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.19E-06
728	490236.72, 3860285.12	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.72E-06	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.70E-06	1.90E-07	5.08E-06
729	490286.72, 3860285.12	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.49E-06	5.71E-06	1.72E-05	9.99E-06	1.91E-07	4.61E-06	1.86E-07	4.99E-06
730	490336.72, 3860285.12	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.59E-06	3.48E-07	9.30E-06	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06
731	490386.72, 3860285.12	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.44E-06	3.41E-07	9.13E-06	5.54E-06	1.67E-05	9.68E-06	1.85E-07	4.47E-06	1.81E-07	4.83E-06
732	490436.72, 3860285.12	1.03E-05	3.11E-05	1.80E-05	3.43E-07	8.30E-06	3.36E-07	8.98E-06	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.79E-07	4.77E-06
733	490486.72, 3860285.12	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.31E-07	8.84E-06	5.41E-06	1.63E-05	9.46E-06	1.81E-07	4.37E-06	1.77E-07	4.72E-06
734	490536.72, 3860285.12	1.00E-05	3.02E-05	1.75E-05	3.34E-07	8.06E-06	3.26E-07	8.72E-06	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06
735	490586.72, 3860285.12	9.89E-06	2.99E-05	1.73E-05	3.30E-07	7.98E-06	3.23E-07	8.63E-06	5.34E-06	1.61E-05	9.33E-06	1.78E-07	4.31E-06	1.74E-07	4.66E-06
736	490636.72, 3860285.12	9.80E-06	2.96E-05	1.71E-05	3.27E-07	7.91E-06	3.20E-07	8.56E-06	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06
737	490686.72, 3860285.12	9.75E-06	2.94E-05	1.70E-05	3.26E-07	7.87E-06	3.18E-07	8.51E-06	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06
738	490736.72, 3860285.12	9.72E-06	2.93E-05	1.70E-05	3.24E-07	7.84E-06	3.17E-07	8.48E-06	5.34E-06	1.61E-05	9.33E-06	1.78E-07	4.30E-06	1.74E-07	4.66E-06
739	490786.72, 3860285.12	9.71E-06	2.93E-05	1.70E-05	3.24E-07	7.83E-06	3.17E-07	8.47E-06	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.33E-06	1.75E-07	4.69E-06
740	490086.72, 3860335.12	1.15E-05	3.49E-05	2.02E-05	3.86E-07	9.31E-06	3.77E-07	1.01E-05	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.21E-06

741	490136.72, 3860335.12	1.12E-05	3.39E-05	1.96E-05	3.75E-07	9.05E-06	3.66E-07	9.79E-06	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06
742	490186.72, 3860335.12	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.81E-06	3.56E-07	9.53E-06	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06
743	490236.72, 3860335.12	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.30E-06	5.57E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06
744	490286.72, 3860335.12	1.04E-05	3.14E-05	1.82E-05	3.48E-07	8.40E-06	3.40E-07	9.08E-06	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06
745	490336.72, 3860335.12	1.02E-05	3.08E-05	1.78E-05	3.40E-07	8.22E-06	3.32E-07	8.89E-06	5.36E-06	1.62E-05	9.37E-06	1.79E-07	4.32E-06	1.75E-07	4.68E-06
746	490386.72, 3860335.12	9.99E-06	3.02E-05	1.75E-05	3.34E-07	8.06E-06	3.26E-07	8.72E-06	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06
747	490436.72, 3860335.12	9.81E-06	2.96E-05	1.72E-05	3.28E-07	7.92E-06	3.20E-07	8.56E-06	5.21E-06	1.57E-05	9.10E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06
748	490486.72, 3860335.12	9.65E-06	2.92E-05	1.69E-05	3.22E-07	7.79E-06	3.15E-07	8.42E-06	5.15E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06
749	490536.72, 3860335.12	9.52E-06	2.87E-05	1.66E-05	3.18E-07	7.68E-06	3.11E-07	8.31E-06	5.10E-06	1.54E-05	8.91E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06
750	490586.72, 3860335.12	9.40E-06	2.84E-05	1.64E-05	3.14E-07	7.58E-06	3.07E-07	8.20E-06	5.06E-06	1.53E-05	8.84E-06	1.69E-07	4.08E-06	1.65E-07	4.41E-06
751	490636.72, 3860335.12	9.31E-06	2.81E-05	1.63E-05	3.11E-07	7.51E-06	3.04E-07	8.12E-06	5.03E-06	1.52E-05	8.80E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06
752	490686.72, 3860335.12	9.24E-06	2.79E-05	1.61E-05	3.08E-07	7.45E-06	3.01E-07	8.06E-06	5.02E-06	1.52E-05	8.78E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06
753	490736.72, 3860335.12	9.18E-06	2.77E-05	1.61E-05	3.07E-07	7.41E-06	3.00E-07	8.01E-06	5.02E-06	1.52E-05	8.78E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06
754	490786.72, 3860335.12	9.16E-06	2.77E-05	1.60E-05	3.06E-07	7.39E-06	2.99E-07	8.00E-06	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.07E-06	1.65E-07	4.40E-06
755	490086.72, 3860385.12	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.88E-06	3.59E-07	9.61E-06	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06
756	490136.72, 3860385.12	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.63E-06	3.49E-07	9.34E-06	5.55E-06	1.68E-05	9.70E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06
757	490186.72, 3860385.12	1.04E-05	3.14E-05	1.82E-05	3.48E-07	8.40E-06	3.40E-07	9.09E-06	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06
758	490236.72, 3860385.12	1.02E-05	3.07E-05	1.78E-05	3.39E-07	8.19E-06	3.31E-07	8.86E-06	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06
759	490286.72, 3860385.12	9.92E-06	2.99E-05	1.73E-05	3.31E-07	8.00E-06	3.24E-07	8.66E-06	5.20E-06	1.57E-05	9.08E-06	1.73E-07	4.19E-06	1.70E-07	4.53E-06
760	490336.72, 3860385.12	9.70E-06	2.93E-05	1.70E-05	3.24E-07	7.83E-06	3.17E-07	8.47E-06	5.10E-06	1.54E-05	8.92E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06
761	490386.72, 3860385.12	9.51E-06	2.87E-05	1.66E-05	3.18E-07	7.67E-06	3.10E-07	8.30E-06	5.02E-06	1.52E-05	8.77E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06
762	490436.72, 3860385.12	9.34E-06	2.82E-05	1.63E-05	3.12E-07	7.53E-06	3.05E-07	8.15E-06	4.95E-06	1.49E-05	8.65E-06	1.65E-07	3.99E-06	1.61E-07	4.32E-06
763	490486.72, 3860385.12	9.19E-06	2.77E-05	1.61E-05	3.07E-07	7.41E-06	3.00E-07	8.02E-06	4.89E-06	1.48E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06
764	490536.72, 3860385.12	9.05E-06	2.73E-05	1.58E-05	3.02E-07	7.30E-06	2.95E-07	7.90E-06	4.84E-06	1.46E-05	8.45E-06	1.61E-07	3.90E-06	1.58E-07	4.22E-06
765	490586.72, 3860385.12	8.93E-06	2.70E-05	1.56E-05	2.98E-07	7.20E-06	2.91E-07	7.79E-06	4.79E-06	1.45E-05	8.38E-06	1.60E-07	3.87E-06	1.56E-07	4.18E-06
766	490636.72, 3860385.12	8.83E-06	2.67E-05	1.54E-05	2.95E-07	7.12E-06	2.88E-07	7.71E-06	4.76E-06	1.44E-05	8.33E-06	1.59E-07	3.84E-06	1.55E-07	4.16E-06
767	490686.72, 3860385.12	8.75E-06	2.64E-05	1.53E-05	2.92E-07	7.06E-06	2.86E-07	7.64E-06	4.75E-06	1.43E-05	8.29E-06	1.58E-07	3.83E-06	1.55E-07	4.14E-06
768	490736.72, 3860385.12	8.69E-06	2.62E-05	1.52E-05	2.90E-07	7.01E-06	2.83E-07	7.58E-06	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06
769	490786.72, 3860385.12	8.64E-06	2.61E-05	1.51E-05	2.89E-07	6.97E-06	2.82E-07	7.54E-06	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06
770	490136.72, 3860435.12	1.01E-05	3.06E-05	1.77E-05	3.39E-07	8.18E-06	3.31E-07	8.85E-06	5.26E-06	1.59E-05	9.19E-06	1.76E-07	4.24E-06	1.72E-07	4.59E-06
771	490186.72, 3860435.12	9.88E-06	2.98E-05	1.73E-05	3.30E-07	7.97E-06	3.22E-07	8.62E-06	5.14E-06	1.55E-05	8.98E-06	1.72E-07	4.14E-06	1.68E-07	4.48E-06
772	490236.72, 3860435.12	9.63E-06	2.91E-05	1.68E-05	3.22E-07	7.77E-06	3.14E-07	8.40E-06	5.03E-06	1.52E-05	8.79E-06	1.68E-07	4.05E-06	1.64E-07	4.39E-06
773	490286.72, 3860435.12	9.41E-06	2.84E-05	1.64E-05	3.14E-07	7.59E-06	3.07E-07	8.21E-06	4.93E-06	1.49E-05	8.61E-06	1.65E-07	3.97E-06	1.61E-07	4.30E-06
774	490336.72, 3860435.12	9.20E-06	2.78E-05	1.61E-05	3.07E-07	7.42E-06	3.00E-07	8.03E-06	4.84E-06	1.46E-05	8.46E-06	1.62E-07	3.90E-06	1.58E-07	4.22E-06
775	490386.72, 3860435.12	9.02E-06	2.72E-05	1.58E-05	3.01E-07	7.28E-06	2.94E-07	7.88E-06	4.76E-06	1.44E-05	8.32E-06	1.59E-07	3.84E-06	1.55E-07	4.15E-06
776	490436.72, 3860435.12	8.86E-06	2.67E-05	1.55E-05	2.96E-07	7.14E-06	2.89E-07	7.73E-06	4.69E-06	1.42E-05	8.20E-06	1.57E-07	3.78E-06	1.53E-07	4.09E-06
777	490486.72, 3860435.12	8.71E-06	2.63E-05	1.52E-05	2.91E-07	7.03E-06	2.84E-07	7.60E-06	4.63E-06	1.40E-05	8.10E-06	1.55E-07	3.74E-06	1.51E-07	4.04E-06
778	490536.72, 3860435.12	8.58E-06	2.59E-05	1.50E-05	2.87E-07	6.92E-06	2.80E-07	7.49E-06	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.69E-06	1.49E-07	4.00E-06
779	490586.72, 3860435.12	8.47E-06	2.56E-05	1.48E-05	2.83E-07	6.83E-06	2.76E-07	7.39E-06	4.54E-06	1.37E-05	7.93E-06	1.52E-07	3.66E-06	1.48E-07	3.96E-06
780	490636.72, 3860435.12	8.36E-06	2.52E-05	1.46E-05	2.79E-07	6.75E-06	2.73E-07	7.30E-06	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06
781	490686.72, 3860435.12	8.28E-06	2.50E-05	1.45E-05	2.76E-07	6.68E-06	2.70E-07	7.22E-06	4.48E-06	1.35E-05	7.83E-06	1.50E-07	3.61E-06	1.46E-07	3.91E-06
782	490736.72, 3860435.12	8.21E-06	2.48E-05	1.44E-05	2.74E-07	6.62E-06	2.68E-07	7.17E-06	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.60E-06	1.46E-07	3.90E-06
783	490786.72, 3860435.12	8.15E-06	2.46E-05	1.43E-05	2.72E-07	6.58E-06	2.66E-07	7.12E-06	4.46E-06	1.35E-05	7.80E-06	1.49E-07	3.60E-06	1.46E-07	3.89E-06
784	490136.72, 3860485.12	9.57E-06	2.89E-05	1.67E-05	3.19E-07	7.72E-06	3.12E-07	8.35E-06	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.33E-06
785	490186.72, 3860485.12	9.32E-06	2.81E-05	1.63E-05	3.11E-07	7.52E-06	3.04E-07	8.13E-06	4.85E-06	1.46E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06
786	490236.72, 3860485.12	9.09E-06	2.75E-05	1.59E-05	3.04E-07	7.34E-06	2.97E-07	7.94E-06	4.75E-06	1.43E-05	8.30E-06	1.59E-07	3.83E-06	1.55E-07	4.15E-06
787	490286.72, 3860485.12	8.89E-06	2.68E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06	4.66E-06	1.41E-05	8.14E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06
788	490336.72, 3860485.12	8.70E-06	2.63E-05	1.52E-05	2.91E-07	7.02E-06	2.84E-07	7.59E-06	4.57E-06	1.38E-05	8.00E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06
789	490386.72, 3860485.12	8.53E-06	2.58E-05	1.49E-05	2.85E-07	6.88E-06	2.78E-07	7.45E-06	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06
790	490436.72, 3860485.12	8.38E-06	2.53E-05	1.47E-05	2.80E-07	6.76E-06	2.74E-07	7.32E-06	4.44E-06	1.34E-05	7.76E-06	1.48E-07	3.58E-06	1.45E-07	3.87E-06
791	490486.72, 3860485.12	8.24E-06	2.49E-05	1.44E-05	2.75E-07	6.65E-06	2.69E-07	7.19E-06	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06
792	490536.72, 3860485.12	8.12E-06	2.45E-05	1.42E-05	2.71E-07	6.55E-06	2.65E-07	7.08E-06	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06
793	490586.72, 3860485.12	8.01E-06	2.42E-05	1.40E-05	2.67E-07	6.46E-06	2.61E-07	6.99E-06	4.29E-06	1.30E-05	7.50E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06
794	490636.72, 3860485.12	7.91E-06	2.39E-05	1.38E-05	2.64E-07	6.38E-06	2.58E-07	6.90E-06	4.26E-06	1.29E-05	7.44E-06	1.42E-07	3.43E-06	1.39E-07	3.71E-06
795	490686.72, 3860485.12	7.82E-06	2.36E-05	1.37E-05	2.61E-07	6.31E-06	2.55E-07	6.83E-06	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06
796	490736.72, 3860485.12	7.75E-06	2.34E-05	1.36E-05	2.59E-07	6.25E-06	2.53E-07	6.77E-06	4.21E-06	1.27E-05	7.36E-06	1.41E-07	3.40E-06	1.37E-07	3.68E-06
797	490786.72, 3860485.12	7.69E-06	2.32E-05	1.34E-05	2.57E-07	6.21E-06	2.51E-07	6.71E-06	4.20E-06	1.27E-05	7.34E-06	1.40E-07	3.39E-06	1.37E-07	3.67E-06
798	490136.72, 3860535.12	8.97E-06	2.71E-05	1.57E-05	3.00E-07	7.24E-06	2.93E-07	7.83E-06	4.66E-06	1.41E-05	8.15E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06
799	490186.72, 3860535.12	8.76E-06	2.64E-05	1.53E-05	2.92E-07	7.06E-06	2.86E-07	7.64E-06	4.57E-06	1.38E-05	7.98E-06	1.53E-07	3.68E-06	1.49E-07	3.99E-06
800	490236.72, 3860535.12	8.55E-06	2.58E-05	1.49E-05	2.86E-07	6.90E-06	2.79E-07	7.46E-06	4.47E-06	1.35E-05	7.82E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06
801	490286.72, 3860535.12	8.36E-06	2.53E-05	1.46E-05	2.79E-07	6.75E-06	2.73E-07	7.30E-06	4.39E-06	1.33E-05	7.67E-06	1.47E-07	3.54E-06	1.43E-07	3.83E-06
802	490336.72, 3860535.12	8.20E-06	2.48E-05	1.43E-05	2.74E-07	6.61E-06	2.68E-07	7.15E-06	4.32E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06

803	490386.72, 3860535.12	8.05E-06	2.43E-05	1.41E-05	2.69E-07	6.49E-06	2.63E-07	7.03E-06	4.25E-06	1.28E-05	7.43E-06	1.42E-07	3.43E-06	1.39E-07	3.71E-06
804	490436.72, 3860535.12	7.91E-06	2.39E-05	1.38E-05	2.64E-07	6.38E-06	2.58E-07	6.91E-06	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06
805	490486.72, 3860535.12	7.79E-06	2.35E-05	1.36E-05	2.60E-07	6.28E-06	2.54E-07	6.80E-06	4.14E-06	1.25E-05	7.24E-06	1.38E-07	3.34E-06	1.35E-07	3.62E-06
806	490536.72, 3860535.12	7.69E-06	2.32E-05	1.34E-05	2.57E-07	6.20E-06	2.51E-07	6.71E-06	4.10E-06	1.24E-05	7.17E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06
807	490586.72, 3860535.12	7.57E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06	4.06E-06	1.22E-05	7.09E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06
808	490636.72, 3860535.12	7.48E-06	2.26E-05	1.31E-05	2.50E-07	6.03E-06	2.44E-07	6.52E-06	4.02E-06	1.21E-05	7.03E-06	1.34E-07	3.24E-06	1.31E-07	3.51E-06
809	490686.72, 3860535.12	7.40E-06	2.23E-05	1.29E-05	2.47E-07	5.97E-06	2.41E-07	6.45E-06	4.00E-06	1.21E-05	6.99E-06	1.33E-07	3.22E-06	1.30E-07	3.49E-06
810	490736.72, 3860535.12	7.32E-06	2.21E-05	1.28E-05	2.44E-07	5.90E-06	2.39E-07	6.39E-06	3.97E-06	1.20E-05	6.95E-06	1.33E-07	3.21E-06	1.30E-07	3.47E-06
811	490786.72, 3860535.12	7.26E-06	2.19E-05	1.27E-05	2.42E-07	5.86E-06	2.37E-07	6.34E-06	3.96E-06	1.20E-05	6.92E-06	1.32E-07	3.20E-06	1.29E-07	3.46E-06
812	490136.72, 3860585.12	8.38E-06	2.53E-05	1.46E-05	2.80E-07	6.76E-06	2.73E-07	7.31E-06	4.37E-06	1.32E-05	7.63E-06	1.46E-07	3.52E-06	1.43E-07	3.81E-06
813	490186.72, 3860585.12	8.17E-06	2.47E-05	1.43E-05	2.73E-07	6.59E-06	2.67E-07	7.13E-06	4.27E-06	1.29E-05	7.46E-06	1.43E-07	3.44E-06	1.39E-07	3.73E-06
814	490236.72, 3860585.12	8.00E-06	2.42E-05	1.40E-05	2.67E-07	6.45E-06	2.61E-07	6.98E-06	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06
815	490286.72, 3860585.12	7.85E-06	2.37E-05	1.37E-05	2.62E-07	6.33E-06	2.56E-07	6.85E-06	4.13E-06	1.25E-05	7.21E-06	1.38E-07	3.33E-06	1.35E-07	3.60E-06
816	490336.72, 3860585.12	7.70E-06	2.33E-05	1.35E-05	2.57E-07	6.21E-06	2.51E-07	6.72E-06	4.06E-06	1.23E-05	7.10E-06	1.36E-07	3.28E-06	1.33E-07	3.55E-06
817	490386.72, 3860585.12	7.57E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.60E-06	4.00E-06	1.21E-05	7.00E-06	1.34E-07	3.23E-06	1.31E-07	3.49E-06
818	490436.72, 3860585.12	7.46E-06	2.25E-05	1.30E-05	2.49E-07	6.02E-06	2.43E-07	6.51E-06	3.96E-06	1.20E-05	6.92E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06
819	490486.72, 3860585.12	7.36E-06	2.22E-05	1.29E-05	2.46E-07	5.93E-06	2.40E-07	6.42E-06	3.92E-06	1.18E-05	6.85E-06	1.31E-07	3.16E-06	1.28E-07	3.42E-06
820	490536.72, 3860585.12	7.25E-06	2.19E-05	1.27E-05	2.42E-07	5.85E-06	2.37E-07	6.33E-06	3.87E-06	1.17E-05	6.77E-06	1.29E-07	3.13E-06	1.26E-07	3.38E-06
821	490586.72, 3860585.12	7.14E-06	2.16E-05	1.25E-05	2.38E-07	5.76E-06	2.33E-07	6.23E-06	3.83E-06	1.16E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06
822	490636.72, 3860585.12	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.69E-06	2.30E-07	6.16E-06	3.80E-06	1.15E-05	6.64E-06	1.27E-07	3.07E-06	1.24E-07	3.32E-06
823	490686.72, 3860585.12	6.98E-06	2.11E-05	1.22E-05	2.33E-07	5.63E-06	2.28E-07	6.09E-06	3.77E-06	1.14E-05	6.60E-06	1.26E-07	3.04E-06	1.23E-07	3.29E-06
824	490736.72, 3860585.12	6.91E-06	2.09E-05	1.21E-05	2.31E-07	5.58E-06	2.26E-07	6.03E-06	3.75E-06	1.13E-05	6.56E-06	1.25E-07	3.03E-06	1.22E-07	3.28E-06
825	490786.72, 3860585.12	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.52E-06	2.24E-07	5.98E-06	3.74E-06	1.13E-05	6.53E-06	1.25E-07	3.01E-06	1.22E-07	3.26E-06
826	490136.72, 3860635.12	7.81E-06	2.36E-05	1.37E-05	2.61E-07	6.30E-06	2.55E-07	6.82E-06	4.08E-06	1.23E-05	7.13E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06
827	490186.72, 3860635.12	7.64E-06	2.31E-05	1.33E-05	2.55E-07	6.16E-06	2.49E-07	6.66E-06	4.00E-06	1.21E-05	6.99E-06	1.34E-07	3.23E-06	1.30E-07	3.49E-06
828	490236.72, 3860635.12	7.47E-06	2.26E-05	1.31E-05	2.50E-07	6.03E-06	2.44E-07	6.52E-06	3.93E-06	1.19E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
829	490286.72, 3860635.12	7.34E-06	2.22E-05	1.28E-05	2.45E-07	5.92E-06	2.39E-07	6.40E-06	3.87E-06	1.17E-05	6.76E-06	1.29E-07	3.12E-06	1.26E-07	3.37E-06
830	490336.72, 3860635.12	7.22E-06	2.18E-05	1.26E-05	2.41E-07	5.82E-06	2.35E-07	6.30E-06	3.81E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.24E-07	3.33E-06
831	490386.72, 3860635.12	7.10E-06	2.15E-05	1.24E-05	2.37E-07	5.73E-06	2.32E-07	6.20E-06	3.77E-06	1.14E-05	6.58E-06	1.26E-07	3.04E-06	1.23E-07	3.29E-06
832	490436.72, 3860635.12	7.00E-06	2.11E-05	1.22E-05	2.34E-07	5.65E-06	2.28E-07	6.11E-06	3.72E-06	1.12E-05	6.51E-06	1.24E-07	3.00E-06	1.21E-07	3.25E-06
833	490486.72, 3860635.12	6.90E-06	2.08E-05	1.21E-05	2.31E-07	5.57E-06	2.25E-07	6.02E-06	3.68E-06	1.11E-05	6.44E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06
834	490536.72, 3860635.12	6.82E-06	2.06E-05	1.19E-05	2.28E-07	5.50E-06	2.23E-07	5.95E-06	3.65E-06	1.10E-05	6.38E-06	1.22E-07	2.94E-06	1.19E-07	3.19E-06
835	490586.72, 3860635.12	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.88E-06	3.62E-06	1.09E-05	6.32E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06
836	490636.72, 3860635.12	6.66E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.81E-06	3.59E-06	1.08E-05	6.27E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06
837	490686.72, 3860635.12	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.75E-06	3.57E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06
838	490736.72, 3860635.12	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.55E-06	1.07E-05	6.20E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06
839	490786.72, 3860635.12	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.64E-06	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06
840	490136.72, 3860685.12	7.24E-06	2.18E-05	1.26E-05	2.42E-07	5.84E-06	2.36E-07	6.31E-06	3.79E-06	1.14E-05	6.62E-06	1.27E-07	3.06E-06	1.24E-07	3.31E-06
841	490186.72, 3860685.12	7.12E-06	2.15E-05	1.24E-05	2.38E-07	5.74E-06	2.32E-07	6.21E-06	3.74E-06	1.13E-05	6.53E-06	1.25E-07	3.02E-06	1.22E-07	3.26E-06
842	490236.72, 3860685.12	6.98E-06	2.11E-05	1.22E-05	2.33E-07	5.63E-06	2.28E-07	6.09E-06	3.67E-06	1.11E-05	6.42E-06	1.23E-07	2.96E-06	1.20E-07	3.21E-06
843	490286.72, 3860685.12	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.52E-06	2.23E-07	5.97E-06	3.62E-06	1.09E-05	6.32E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06
844	490336.72, 3860685.12	6.75E-06	2.04E-05	1.18E-05	2.25E-07	5.44E-06	2.20E-07	5.89E-06	3.57E-06	1.08E-05	6.25E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06
845	490386.72, 3860685.12	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.81E-06	3.54E-06	1.07E-05	6.18E-06	1.18E-07	2.85E-06	1.15E-07	3.09E-06
846	490436.72, 3860685.12	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.73E-06	3.50E-06	1.06E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
847	490486.72, 3860685.12	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.11E-07	5.65E-06	3.46E-06	1.05E-05	6.06E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
848	490536.72, 3860685.12	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.59E-06	3.44E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
849	490586.72, 3860685.12	6.34E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
850	490636.72, 3860685.12	6.27E-06	1.89E-05	1.10E-05	2.09E-07	5.06E-06	2.05E-07	5.47E-06	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06
851	490686.72, 3860685.12	6.22E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
852	490736.72, 3860685.12	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06
853	490786.72, 3860685.12	6.11E-06	1.85E-05	1.07E-05	2.04E-07	4.93E-06	2.00E-07	5.34E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
854	490136.72, 3860735.12	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.51E-06	1.06E-05	6.13E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
855	490186.72, 3860735.12	6.57E-06	1.98E-05	1.15E-05	2.19E-07	5.30E-06	2.14E-07	5.73E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
856	490236.72, 3860735.12	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.64E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
857	490286.72, 3860735.12	6.38E-06	1.93E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.57E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
858	490336.72, 3860735.12	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.08E-06	2.05E-07	5.49E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
859	490386.72, 3860735.12	6.22E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
860	490436.72, 3860735.12	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.96E-06	2.01E-07	5.37E-06	3.29E-06	9.93E-06	5.75E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06
861	490486.72, 3860735.12	6.08E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.98E-07	5.31E-06	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
862	490536.72, 3860735.12	6.01E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.05E-07	2.82E-06
863	490586.72, 3860735.12	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.19E-06	3.21E-06	9.69E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
864	490636.72, 3860735.12	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.92E-07	5.15E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.57E-06	1.04E-07	2.79E-06

865	490686.72, 3860735.12	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
866	490736.72, 3860735.12	5.81E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.07E-06	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06
867	490136.72, 3860785.12	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06	3.24E-06	9.80E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
868	490186.72, 3860785.12	6.08E-06	1.84E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.21E-06	9.69E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
869	490236.72, 3860785.12	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.23E-06	3.17E-06	9.59E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
870	490286.72, 3860785.12	5.92E-06	1.79E-05	1.04E-05	1.98E-07	4.78E-06	1.93E-07	5.17E-06	3.14E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.74E-06
871	490336.72, 3860785.12	5.86E-06	1.77E-05	1.02E-05	1.96E-07	4.73E-06	1.91E-07	5.11E-06	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
872	490386.72, 3860785.12	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	3.10E-06	9.35E-06	5.41E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
873	490436.72, 3860785.12	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.01E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
874	490486.72, 3860785.12	5.70E-06	1.72E-05	9.96E-06	1.90E-07	4.60E-06	1.86E-07	4.97E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.98E-08	2.67E-06
875	490536.72, 3860785.12	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	3.04E-06	9.18E-06	5.31E-06	1.01E-07	2.45E-06	9.92E-08	2.65E-06
876	490586.72, 3860785.12	5.59E-06	1.69E-05	9.77E-06	1.87E-07	4.51E-06	1.82E-07	4.88E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.64E-06
877	490636.72, 3860785.12	5.54E-06	1.67E-05	9.69E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.81E-08	2.62E-06
878	490686.72, 3860785.12	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.99E-06	9.04E-06	5.23E-06	1.00E-07	2.41E-06	9.77E-08	2.61E-06
879	490736.72, 3860785.12	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.79E-07	4.77E-06	2.99E-06	9.02E-06	5.22E-06	9.98E-08	2.41E-06	9.75E-08	2.61E-06
880	490086.72, 3860835.12	5.75E-06	1.74E-05	1.01E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.64E-06
881	490136.72, 3860835.12	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	3.00E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.80E-08	2.62E-06
882	490186.72, 3860835.12	5.62E-06	1.70E-05	9.83E-06	1.88E-07	4.54E-06	1.83E-07	4.91E-06	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.72E-08	2.60E-06
883	490236.72, 3860835.12	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.48E-06	1.81E-07	4.85E-06	2.95E-06	8.91E-06	5.16E-06	9.86E-08	2.38E-06	9.63E-08	2.58E-06
884	490286.72, 3860835.12	5.51E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.93E-06	8.85E-06	5.12E-06	9.79E-08	2.36E-06	9.56E-08	2.56E-06
885	490336.72, 3860835.12	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.91E-06	8.79E-06	5.09E-06	9.72E-08	2.35E-06	9.50E-08	2.54E-06
886	490386.72, 3860835.12	5.41E-06	1.63E-05	9.45E-06	1.81E-07	4.36E-06	1.76E-07	4.72E-06	2.89E-06	8.74E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
887	490436.72, 3860835.12	5.36E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.88E-06	8.69E-06	5.03E-06	9.61E-08	2.32E-06	9.39E-08	2.51E-06
888	490486.72, 3860835.12	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.86E-06	8.65E-06	5.01E-06	9.57E-08	2.31E-06	9.35E-08	2.50E-06
889	490536.72, 3860835.12	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.85E-06	8.61E-06	4.98E-06	9.52E-08	2.30E-06	9.30E-08	2.49E-06
890	490586.72, 3860835.12	5.25E-06	1.58E-05	9.17E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06
891	490636.72, 3860835.12	5.21E-06	1.57E-05	9.10E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	2.83E-06	8.54E-06	4.94E-06	9.44E-08	2.28E-06	9.23E-08	2.47E-06
892	490686.72, 3860835.12	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.82E-06	8.52E-06	4.93E-06	9.42E-08	2.28E-06	9.21E-08	2.46E-06
893	490736.72, 3860835.12	5.15E-06	1.55E-05	9.00E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.82E-06	8.51E-06	4.92E-06	9.41E-08	2.27E-06	9.19E-08	2.46E-06
894	490086.72, 3860885.12	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
895	490136.72, 3860885.12	5.25E-06	1.58E-05	9.17E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06	2.78E-06	8.40E-06	4.86E-06	9.29E-08	2.24E-06	9.08E-08	2.43E-06
896	490186.72, 3860885.12	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	2.76E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
897	490236.72, 3860885.12	5.16E-06	1.56E-05	9.01E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.75E-06	8.29E-06	4.80E-06	9.17E-08	2.22E-06	8.96E-08	2.40E-06
898	490286.72, 3860885.12	5.11E-06	1.54E-05	8.94E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.73E-06	8.24E-06	4.77E-06	9.11E-08	2.20E-06	8.91E-08	2.38E-06
899	490336.72, 3860885.12	5.07E-06	1.53E-05	8.87E-06	1.69E-07	4.09E-06	1.66E-07	4.43E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.86E-08	2.37E-06
900	490386.72, 3860885.12	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.06E-06	1.64E-07	4.40E-06	2.70E-06	8.16E-06	4.73E-06	9.03E-08	2.18E-06	8.82E-08	2.36E-06
901	490436.72, 3860885.12	5.01E-06	1.51E-05	8.75E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	2.69E-06	8.13E-06	4.71E-06	8.99E-08	2.17E-06	8.79E-08	2.35E-06
902	490486.72, 3860885.12	4.98E-06	1.50E-05	8.70E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.69E-06	8.11E-06	4.69E-06	8.97E-08	2.17E-06	8.76E-08	2.34E-06
903	490536.72, 3860885.12	4.95E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.32E-06	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.73E-08	2.34E-06
904	490586.72, 3860885.12	4.91E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06	2.67E-06	8.05E-06	4.66E-06	8.90E-08	2.15E-06	8.70E-08	2.33E-06
905	490636.72, 3860885.12	4.89E-06	1.48E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.66E-06	8.03E-06	4.65E-06	8.88E-08	2.15E-06	8.68E-08	2.32E-06
906	490686.72, 3860885.12	4.86E-06	1.47E-05	8.50E-06	1.62E-07	3.92E-06	1.59E-07	4.24E-06	2.65E-06	8.02E-06	4.64E-06	8.87E-08	2.14E-06	8.66E-08	2.32E-06
907	490736.72, 3860885.12	4.84E-06	1.46E-05	8.45E-06	1.62E-07	3.90E-06	1.58E-07	4.22E-06	2.65E-06	8.00E-06	4.63E-06	8.85E-08	2.14E-06	8.65E-08	2.31E-06
908	490086.72, 3860935.12	4.88E-06	1.47E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.59E-06	7.83E-06	4.53E-06	8.66E-08	2.09E-06	8.46E-08	2.26E-06
909	490136.72, 3860935.12	4.85E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.58E-06	7.79E-06	4.51E-06	8.61E-08	2.08E-06	8.42E-08	2.25E-06
910	490186.72, 3860935.12	4.82E-06	1.45E-05	8.42E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.57E-06	7.75E-06	4.49E-06	8.57E-08	2.07E-06	8.38E-08	2.24E-06
911	490236.72, 3860935.12	4.78E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06	2.56E-06	7.72E-06	4.47E-06	8.54E-08	2.06E-06	8.34E-08	2.23E-06
912	490286.72, 3860935.12	4.75E-06	1.44E-05	8.31E-06	1.59E-07	3.83E-06	1.55E-07	4.15E-06	2.55E-06	7.69E-06	4.45E-06	8.50E-08	2.05E-06	8.31E-08	2.22E-06
913	490336.72, 3860935.12	4.72E-06	1.43E-05	8.25E-06	1.58E-07	3.81E-06	1.54E-07	4.12E-06	2.54E-06	7.66E-06	4.43E-06	8.47E-08	2.05E-06	8.27E-08	2.21E-06
914	490386.72, 3860935.12	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.53E-06	7.63E-06	4.42E-06	8.44E-08	2.04E-06	8.25E-08	2.21E-06
915	490436.72, 3860935.12	4.67E-06	1.41E-05	8.17E-06	1.56E-07	3.77E-06	1.52E-07	4.08E-06	2.52E-06	7.61E-06	4.41E-06	8.42E-08	2.03E-06	8.23E-08	2.20E-06
916	490486.72, 3860935.12	4.65E-06	1.40E-05	8.13E-06	1.55E-07	3.75E-06	1.52E-07	4.06E-06	2.51E-06	7.59E-06	4.40E-06	8.40E-08	2.03E-06	8.21E-08	2.19E-06
917	490536.72, 3860935.12	4.63E-06	1.40E-05	8.09E-06	1.55E-07	3.73E-06	1.51E-07	4.04E-06	2.51E-06	7.58E-06	4.39E-06	8.39E-08	2.03E-06	8.19E-08	2.19E-06
918	490586.72, 3860935.12	4.61E-06	1.39E-05	8.05E-06	1.54E-07	3.71E-06	1.50E-07	4.02E-06	2.51E-06	7.56E-06	4.38E-06	8.37E-08	2.02E-06	8.18E-08	2.19E-06
919	490636.72, 3860935.12	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	2.50E-06	7.55E-06	4.37E-06	8.35E-08	2.02E-06	8.16E-08	2.18E-06
920	490686.72, 3860935.12	4.57E-06	1.38E-05	7.98E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06	2.50E-06	7.55E-06	4.37E-06	8.35E-08	2.02E-06	8.16E-08	2.18E-06
921	490736.72, 3860935.12	4.55E-06	1.37E-05	7.94E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.50E-06	7.54E-06	4.36E-06	8.33E-08	2.01E-06	8.14E-08	2.18E-06
922	490786.72, 3860935.12	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.50E-06	7.54E-06	4.36E-06	8.33E-08	2.01E-06	8.14E-08	2.18E-06
923	490836.72, 3860935.12	4.52E-06	1.37E-05	7.90E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.50E-06	7.55E-06	4.37E-06	8.35E-08	2.02E-06	8.16E-08	2.18E-06
924	490086.72, 3860985.12	4.52E-06	1.36E-05	7.89E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.85E-08	2.10E-06
925	490136.72, 3860985.12	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.47E-07	3.92E-06	2.40E-06	7.24E-06	4.19E-06	8.01E-08	1.94E-06	7.83E-08	2.09E-06
926	490186.72, 3860985.12	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.60E-06	1.46E-07	3.90E-06	2.39E-06	7.22E-06	4.18E-06	7.99E-08	1.93E-06	7.81E-08	2.09E-06

927	490236.72, 3860985.12	4.45E-06	1.34E-05	7.77E-06	1.48E-07	3.59E-06	1.45E-07	3.88E-06	2.38E-06	7.20E-06	4.17E-06	7.96E-08	1.92E-06	7.78E-08	2.08E-06
928	490286.72, 3860985.12	4.42E-06	1.34E-05	7.73E-06	1.48E-07	3.57E-06	1.44E-07	3.86E-06	2.38E-06	7.18E-06	4.16E-06	7.94E-08	1.92E-06	7.76E-08	2.07E-06
929	490336.72, 3860985.12	4.40E-06	1.33E-05	7.69E-06	1.47E-07	3.55E-06	1.44E-07	3.84E-06	2.37E-06	7.16E-06	4.14E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06
930	490386.72, 3860985.12	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06	2.37E-06	7.14E-06	4.13E-06	7.90E-08	1.91E-06	7.72E-08	2.06E-06
931	490436.72, 3860985.12	4.37E-06	1.32E-05	7.64E-06	1.46E-07	3.53E-06	1.43E-07	3.81E-06	2.37E-06	7.14E-06	4.13E-06	7.90E-08	1.91E-06	7.72E-08	2.06E-06
932	490486.72, 3860985.12	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06	2.36E-06	7.13E-06	4.13E-06	7.88E-08	1.90E-06	7.70E-08	2.06E-06
933	490536.72, 3860985.12	4.33E-06	1.31E-05	7.58E-06	1.45E-07	3.50E-06	1.41E-07	3.78E-06	2.36E-06	7.12E-06	4.12E-06	7.87E-08	1.90E-06	7.69E-08	2.06E-06
934	490586.72, 3860985.12	4.32E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	2.35E-06	7.11E-06	4.11E-06	7.86E-08	1.90E-06	7.68E-08	2.05E-06
935	490636.72, 3860985.12	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.75E-06	2.35E-06	7.10E-06	4.11E-06	7.86E-08	1.90E-06	7.68E-08	2.05E-06
936	490686.72, 3860985.12	4.29E-06	1.29E-05	7.49E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06	2.35E-06	7.10E-06	4.11E-06	7.85E-08	1.90E-06	7.67E-08	2.05E-06
937	490736.72, 3860985.12	4.27E-06	1.29E-05	7.47E-06	1.43E-07	3.45E-06	1.39E-07	3.73E-06	2.35E-06	7.10E-06	4.11E-06	7.85E-08	1.90E-06	7.67E-08	2.05E-06
938	490786.72, 3860985.12	4.26E-06	1.29E-05	7.45E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.35E-06	7.11E-06	4.11E-06	7.86E-08	1.90E-06	7.68E-08	2.05E-06
939	490836.72, 3860985.12	4.25E-06	1.28E-05	7.43E-06	1.42E-07	3.43E-06	1.39E-07	3.71E-06	2.36E-06	7.11E-06	4.12E-06	7.87E-08	1.90E-06	7.69E-08	2.06E-06
940	490086.72, 3861035.12	4.19E-06	1.26E-05	7.32E-06	1.40E-07	3.38E-06	1.37E-07	3.65E-06	2.24E-06	6.77E-06	3.92E-06	7.48E-08	1.81E-06	7.31E-08	1.96E-06
941	490136.72, 3861035.12	4.17E-06	1.26E-05	7.29E-06	1.39E-07	3.36E-06	1.36E-07	3.64E-06	2.24E-06	6.75E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06
942	490186.72, 3861035.12	4.15E-06	1.25E-05	7.26E-06	1.39E-07	3.35E-06	1.35E-07	3.62E-06	2.23E-06	6.73E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
943	490236.72, 3861035.12	4.14E-06	1.25E-05	7.23E-06	1.38E-07	3.34E-06	1.35E-07	3.61E-06	2.23E-06	6.73E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
944	490286.72, 3861035.12	4.12E-06	1.24E-05	7.20E-06	1.38E-07	3.32E-06	1.34E-07	3.59E-06	2.22E-06	6.71E-06	3.88E-06	7.42E-08	1.79E-06	7.25E-08	1.94E-06
945	490336.72, 3861035.12	4.11E-06	1.24E-05	7.18E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
946	490386.72, 3861035.12	4.10E-06	1.24E-05	7.16E-06	1.37E-07	3.30E-06	1.34E-07	3.57E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
947	490436.72, 3861035.12	4.09E-06	1.23E-05	7.15E-06	1.37E-07	3.30E-06	1.33E-07	3.57E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
948	490486.72, 3861035.12	4.08E-06	1.23E-05	7.12E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
949	490536.72, 3861035.12	4.06E-06	1.23E-05	7.10E-06	1.36E-07	3.28E-06	1.33E-07	3.54E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
950	490586.72, 3861035.12	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.53E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
951	490636.72, 3861035.12	4.04E-06	1.22E-05	7.06E-06	1.35E-07	3.26E-06	1.32E-07	3.52E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
952	490686.72, 3861035.12	4.03E-06	1.22E-05	7.04E-06	1.35E-07	3.25E-06	1.31E-07	3.52E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
953	490736.72, 3861035.12	4.02E-06	1.21E-05	7.03E-06	1.34E-07	3.24E-06	1.31E-07	3.51E-06	2.22E-06	6.70E-06	3.88E-06	7.40E-08	1.79E-06	7.24E-08	1.93E-06
954	490786.72, 3861035.12	4.01E-06	1.21E-05	7.01E-06	1.34E-07	3.24E-06	1.31E-07	3.50E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
955	490836.72, 3861035.12	4.00E-06	1.21E-05	7.00E-06	1.34E-07	3.23E-06	1.31E-07	3.49E-06	2.22E-06	6.71E-06	3.88E-06	7.42E-08	1.79E-06	7.25E-08	1.94E-06
956	490086.72, 3861085.12	3.90E-06	1.18E-05	6.81E-06	1.30E-07	3.14E-06	1.27E-07	3.40E-06	2.09E-06	6.32E-06	3.66E-06	6.99E-08	1.69E-06	6.83E-08	1.83E-06
957	490136.72, 3861085.12	3.89E-06	1.17E-05	6.79E-06	1.30E-07	3.14E-06	1.27E-07	3.39E-06	2.09E-06	6.32E-06	3.66E-06	6.99E-08	1.69E-06	6.83E-08	1.83E-06
958	490186.72, 3861085.12	3.88E-06	1.17E-05	6.78E-06	1.30E-07	3.13E-06	1.27E-07	3.38E-06	2.09E-06	6.31E-06	3.66E-06	6.98E-08	1.69E-06	6.82E-08	1.83E-06
959	490236.72, 3861085.12	3.86E-06	1.17E-05	6.75E-06	1.29E-07	3.12E-06	1.26E-07	3.37E-06	2.09E-06	6.30E-06	3.65E-06	6.97E-08	1.68E-06	6.81E-08	1.82E-06
960	490286.72, 3861085.12	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.08E-06	6.29E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
961	490336.72, 3861085.12	3.84E-06	1.16E-05	6.71E-06	1.28E-07	3.10E-06	1.25E-07	3.35E-06	2.08E-06	6.29E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
962	490386.72, 3861085.12	3.83E-06	1.16E-05	6.70E-06	1.28E-07	3.09E-06	1.25E-07	3.35E-06	2.08E-06	6.29E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
963	490436.72, 3861085.12	3.83E-06	1.16E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06	2.08E-06	6.29E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
964	490486.72, 3861085.12	3.82E-06	1.15E-05	6.67E-06	1.28E-07	3.08E-06	1.25E-07	3.33E-06	2.09E-06	6.30E-06	3.64E-06	6.96E-08	1.68E-06	6.80E-08	1.82E-06
965	490536.72, 3861085.12	3.81E-06	1.15E-05	6.66E-06	1.27E-07	3.07E-06	1.24E-07	3.33E-06	2.09E-06	6.30E-06	3.65E-06	6.97E-08	1.68E-06	6.81E-08	1.82E-06
966	490586.72, 3861085.12	3.80E-06	1.15E-05	6.65E-06	1.27E-07	3.07E-06	1.24E-07	3.32E-06	2.09E-06	6.30E-06	3.65E-06	6.97E-08	1.68E-06	6.81E-08	1.82E-06
967	490636.72, 3861085.12	3.80E-06	1.15E-05	6.64E-06	1.27E-07	3.06E-06	1.24E-07	3.31E-06	2.09E-06	6.31E-06	3.65E-06	6.98E-08	1.68E-06	6.82E-08	1.82E-06
968	490686.72, 3861085.12	3.79E-06	1.14E-05	6.62E-06	1.26E-07	3.06E-06	1.24E-07	3.31E-06	2.09E-06	6.31E-06	3.65E-06	6.97E-08	1.68E-06	6.82E-08	1.82E-06
969	490736.72, 3861085.12	3.78E-06	1.14E-05	6.61E-06	1.26E-07	3.05E-06	1.23E-07	3.30E-06	2.09E-06	6.31E-06	3.66E-06	6.98E-08	1.69E-06	6.82E-08	1.82E-06
970	490786.72, 3861085.12	3.78E-06	1.14E-05	6.60E-06	1.26E-07	3.05E-06	1.23E-07	3.30E-06	2.09E-06	6.32E-06	3.66E-06	6.99E-08	1.69E-06	6.84E-08	1.83E-06
971	490836.72, 3861085.12	3.77E-06	1.14E-05	6.60E-06	1.26E-07	3.04E-06	1.23E-07	3.29E-06	2.10E-06	6.34E-06	3.67E-06	7.01E-08	1.69E-06	6.85E-08	1.83E-06
972	490086.72, 3861135.12	3.64E-06	1.10E-05	6.36E-06	1.21E-07	2.93E-06	1.19E-07	3.17E-06	1.96E-06	5.93E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
973	490136.72, 3861135.12	3.63E-06	1.10E-05	6.34E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06	1.96E-06	5.92E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
974	490186.72, 3861135.12	3.62E-06	1.09E-05	6.33E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06	1.96E-06	5.92E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
975	490236.72, 3861135.12	3.62E-06	1.09E-05	6.33E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06	1.96E-06	5.93E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
976	490286.72, 3861135.12	3.61E-06	1.09E-05	6.31E-06	1.21E-07	2.91E-06	1.18E-07	3.15E-06	1.96E-06	5.92E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
977	490336.72, 3861135.12	3.60E-06	1.09E-05	6.29E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06	1.96E-06	5.92E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
978	490386.72, 3861135.12	3.60E-06	1.09E-05	6.29E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06	1.96E-06	5.93E-06	3.43E-06	6.55E-08	1.58E-06	6.40E-08	1.71E-06
979	490436.72, 3861135.12	3.59E-06	1.08E-05	6.28E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06	1.96E-06	5.93E-06	3.43E-06	6.56E-08	1.58E-06	6.41E-08	1.71E-06
980	490486.72, 3861135.12	3.59E-06	1.08E-05	6.27E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06	1.96E-06	5.93E-06	3.43E-06	6.56E-08	1.58E-06	6.41E-08	1.71E-06
981	490536.72, 3861135.12	3.58E-06	1.08E-05	6.26E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06	1.97E-06	5.94E-06	3.44E-06	6.57E-08	1.59E-06	6.42E-08	1.72E-06
982	490586.72, 3861135.12	3.58E-06	1.08E-05	6.26E-06	1.20E-07	2.89E-06	1.17E-07	3.12E-06	1.97E-06	5.95E-06	3.44E-06	6.58E-08	1.59E-06	6.43E-08	1.72E-06
983	490636.72, 3861135.12	3.57E-06	1.08E-05	6.25E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06	1.97E-06	5.95E-06	3.44E-06	6.58E-08	1.59E-06	6.43E-08	1.72E-06
984	490686.72, 3861135.12	3.57E-06	1.08E-05	6.24E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06	1.97E-06	5.96E-06	3.45E-06	6.59E-08	1.59E-06	6.44E-08	1.72E-06
985	490736.72, 3861135.12	3.57E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06	1.98E-06	5.97E-06	3.45E-06	6.60E-08	1.59E-06	6.45E-08	1.72E-06
986	490786.72, 3861135.12	3.56E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06	1.98E-06	5.98E-06	3.46E-06	6.62E-08	1.60E-06	6.47E-08	1.73E-06
987	490836.72, 3861135.12	3.56E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06	1.99E-06	6.00E-06	3.47E-06	6.64E-08	1.60E-06	6.48E-08	1.73E-06
988	490086.72, 3861185.12	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06	1.85E-06	5.57E-06	3.23E-06	6.16E-08	1.49E-06	6.02E-08	1.61E-06

989	490136.72, 3861185.12	3.40E-06	1.03E-05	5.95E-06	1.14E-07	2.74E-06	1.11E-07	2.97E-06	1.84E-06	5.57E-06	3.22E-06	6.16E-08	1.49E-06	6.02E-08	1.61E-06
990	490186.72, 3861185.12	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06	1.85E-06	5.57E-06	3.23E-06	6.16E-08	1.49E-06	6.02E-08	1.61E-06
991	490236.72, 3861185.12	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
992	490286.72, 3861185.12	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
993	490336.72, 3861185.12	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
994	490386.72, 3861185.12	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06	1.85E-06	5.59E-06	3.23E-06	6.18E-08	1.49E-06	6.04E-08	1.61E-06
995	490436.72, 3861185.12	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06	1.85E-06	5.60E-06	3.24E-06	6.19E-08	1.50E-06	6.05E-08	1.62E-06
996	490486.72, 3861185.12	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06	1.86E-06	5.60E-06	3.24E-06	6.20E-08	1.50E-06	6.06E-08	1.62E-06
997	490536.72, 3861185.12	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06	1.86E-06	5.62E-06	3.25E-06	6.21E-08	1.50E-06	6.07E-08	1.62E-06
998	490586.72, 3861185.12	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06	1.86E-06	5.63E-06	3.26E-06	6.22E-08	1.50E-06	6.08E-08	1.63E-06
999	490636.72, 3861185.12	3.37E-06	1.02E-05	5.89E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06	1.86E-06	5.63E-06	3.26E-06	6.22E-08	1.50E-06	6.08E-08	1.63E-06
1000	490686.72, 3861185.12	3.37E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.94E-06	1.87E-06	5.63E-06	3.26E-06	6.23E-08	1.51E-06	6.09E-08	1.63E-06
1001	490736.72, 3861185.12	3.37E-06	1.02E-05	5.89E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06	1.87E-06	5.65E-06	3.27E-06	6.25E-08	1.51E-06	6.11E-08	1.63E-06
1002	490786.72, 3861185.12	3.37E-06	1.02E-05	5.89E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06	1.88E-06	5.67E-06	3.28E-06	6.27E-08	1.51E-06	6.12E-08	1.64E-06
1003	490836.72, 3861185.12	3.37E-06	1.02E-05	5.88E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06	1.88E-06	5.68E-06	3.29E-06	6.28E-08	1.52E-06	6.14E-08	1.64E-06
1004	490086.72, 3861235.12	3.20E-06	9.67E-06	5.60E-06	1.07E-07	2.58E-06	1.05E-07	2.80E-06	1.74E-06	5.25E-06	3.04E-06	5.81E-08	1.40E-06	5.68E-08	1.52E-06
1005	490136.72, 3861235.12	3.20E-06	9.67E-06	5.60E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06	1.74E-06	5.26E-06	3.05E-06	5.82E-08	1.41E-06	5.69E-08	1.52E-06
1006	490186.72, 3861235.12	3.20E-06	9.65E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06	1.74E-06	5.26E-06	3.05E-06	5.82E-08	1.41E-06	5.69E-08	1.52E-06
1007	490236.72, 3861235.12	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.57E-06	1.04E-07	2.78E-06	1.74E-06	5.26E-06	3.05E-06	5.82E-08	1.41E-06	5.69E-08	1.52E-06
1008	490386.72, 3861235.12	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.75E-06	5.28E-06	3.06E-06	5.84E-08	1.41E-06	5.71E-08	1.53E-06
1009	490436.72, 3861235.12	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.75E-06	5.29E-06	3.06E-06	5.85E-08	1.41E-06	5.71E-08	1.53E-06
1010	490486.72, 3861235.12	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.75E-06	5.30E-06	3.07E-06	5.86E-08	1.42E-06	5.73E-08	1.53E-06
1011	490536.72, 3861235.12	3.18E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.76E-06	5.31E-06	3.08E-06	5.88E-08	1.42E-06	5.74E-08	1.54E-06
1012	490586.72, 3861235.12	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.76E-06	5.33E-06	3.08E-06	5.89E-08	1.42E-06	5.76E-08	1.54E-06
1013	490636.72, 3861235.12	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.77E-06	5.33E-06	3.09E-06	5.90E-08	1.42E-06	5.76E-08	1.54E-06
1014	490686.72, 3861235.12	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06	1.77E-06	5.34E-06	3.09E-06	5.91E-08	1.43E-06	5.77E-08	1.54E-06
1015	490736.72, 3861235.12	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.77E-06	5.36E-06	3.10E-06	5.92E-08	1.43E-06	5.79E-08	1.55E-06
1016	490786.72, 3861235.12	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.78E-06	5.37E-06	3.11E-06	5.94E-08	1.44E-06	5.81E-08	1.55E-06
1017	490836.72, 3861235.12	3.19E-06	9.63E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.79E-06	5.39E-06	3.12E-06	5.97E-08	1.44E-06	5.83E-08	1.56E-06
1018	490086.72, 3861285.12	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06	1.65E-06	4.98E-06	2.88E-06	5.51E-08	1.33E-06	5.38E-08	1.44E-06
1019	490136.72, 3861285.12	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.87E-08	2.64E-06	1.65E-06	4.99E-06	2.89E-06	5.52E-08	1.33E-06	5.39E-08	1.44E-06
1020	490186.72, 3861285.12	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.63E-06	1.65E-06	4.99E-06	2.89E-06	5.51E-08	1.33E-06	5.39E-08	1.44E-06
1021	490236.72, 3861285.12	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.63E-06	1.65E-06	4.99E-06	2.89E-06	5.52E-08	1.33E-06	5.40E-08	1.44E-06
1022	490386.72, 3861285.12	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.63E-06	1.66E-06	5.00E-06	2.90E-06	5.53E-08	1.34E-06	5.41E-08	1.45E-06
1023	490436.72, 3861285.12	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.63E-06	1.66E-06	5.01E-06	2.90E-06	5.54E-08	1.34E-06	5.42E-08	1.45E-06
1024	490486.72, 3861285.12	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.63E-06	1.66E-06	5.02E-06	2.91E-06	5.56E-08	1.34E-06	5.43E-08	1.45E-06
1025	490536.72, 3861285.12	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.82E-08	2.63E-06	1.67E-06	5.04E-06	2.91E-06	5.57E-08	1.35E-06	5.44E-08	1.46E-06
1026	490586.72, 3861285.12	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06	1.67E-06	5.05E-06	2.92E-06	5.58E-08	1.35E-06	5.46E-08	1.46E-06
1027	490636.72, 3861285.12	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.81E-08	2.62E-06	1.67E-06	5.05E-06	2.93E-06	5.59E-08	1.35E-06	5.46E-08	1.46E-06
1028	490686.72, 3861285.12	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.63E-06	1.68E-06	5.07E-06	2.93E-06	5.60E-08	1.35E-06	5.47E-08	1.46E-06
1029	490736.72, 3861285.12	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.84E-08	2.63E-06	1.69E-06	5.09E-06	2.95E-06	5.63E-08	1.36E-06	5.50E-08	1.47E-06
1030	490786.72, 3861285.12	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.85E-08	2.63E-06	1.69E-06	5.11E-06	2.96E-06	5.65E-08	1.36E-06	5.52E-08	1.48E-06
1031	490836.72, 3861285.12	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.64E-06	1.70E-06	5.12E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06
1032	490061.24, 3859716.13	1.96E-05	5.91E-05	3.42E-05	6.54E-07	1.58E-05	6.39E-07	1.71E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.23E-06	3.73E-07	9.98E-06
1033	490111.24, 3859716.13	2.06E-05	6.22E-05	3.60E-05	6.88E-07	1.66E-05	6.72E-07	1.80E-05	1.23E-05	3.73E-05	2.16E-05	4.12E-07	9.96E-06	4.03E-07	1.08E-05
1034	490161.24, 3859716.13	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.48E-07	1.20E-05
1035	490211.24, 3859716.13	2.48E-05	7.48E-05	4.33E-05	8.27E-07	2.00E-05	8.08E-07	2.16E-05	1.58E-05	4.78E-05	2.77E-05	5.29E-07	1.28E-05	5.17E-07	1.38E-05
1036	490061.24, 3859766.13	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.74E-07	1.53E-05	9.90E-06	2.99E-05	1.73E-05	3.31E-07	7.99E-06	3.23E-07	8.64E-06
1037	490111.24, 3859766.13	1.79E-05	5.41E-05	3.13E-05	5.98E-07	1.44E-05	5.84E-07	1.56E-05	1.03E-05	3.09E-05	1.79E-05	3.42E-07	8.27E-06	3.34E-07	8.94E-06
1038	490161.24, 3859766.13	1.84E-05	5.56E-05	3.22E-05	6.15E-07	1.49E-05	6.01E-07	1.61E-05	1.07E-05	3.24E-05	1.88E-05	3.59E-07	8.66E-06	3.51E-07	9.37E-06
1039	490211.24, 3859766.13	1.92E-05	5.80E-05	3.36E-05	6.42E-07	1.55E-05	6.27E-07	1.68E-05	1.15E-05	3.46E-05	2.00E-05	3.83E-07	9.24E-06	3.74E-07	1.00E-05
1040	490061.24, 3859816.13	1.64E-05	4.97E-05	2.87E-05	5.49E-07	1.33E-05	5.37E-07	1.44E-05	9.04E-06	2.73E-05	1.58E-05	3.02E-07	7.30E-06	2.95E-07	7.89E-06
1041	490111.24, 3859816.13	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05	9.17E-06	2.77E-05	1.60E-05	3.06E-07	7.40E-06	2.99E-07	8.01E-06
1042	490161.24, 3859816.13	1.66E-05	5.02E-05	2.91E-05	5.56E-07	1.34E-05	5.43E-07	1.45E-05	9.38E-06	2.83E-05	1.64E-05	3.13E-07	7.56E-06	3.06E-07	8.18E-06
1043	490211.24, 3859816.13	1.69E-05	5.10E-05	2.95E-05	5.64E-07	1.36E-05	5.51E-07	1.47E-05	9.66E-06	2.92E-05	1.69E-05	3.23E-07	7.79E-06	3.15E-07	8.43E-06
1044	490061.24, 3859866.13	1.57E-05	4.74E-05	2.74E-05	5.24E-07	1.27E-05	5.12E-07	1.37E-05	8.49E-06	2.56E-05	1.48E-05	2.84E-07	6.85E-06	2.77E-07	7.41E-06
1045	490111.24, 3859866.13	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05	8.52E-06	2.57E-05	1.49E-05	2.84E-07	6.87E-06	2.78E-07	7.43E-06
1046	490161.24, 3859866.13	1.56E-05	4.71E-05	2.72E-05	5.20E-07	1.26E-05	5.09E-07	1.36E-05	8.59E-06	2.59E-05	1.50E-05	2.87E-07	6.93E-06	2.80E-07	7.49E-06
1047	490211.24, 3859866.13	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	8.70E-06	2.63E-05	1.52E-05	2.91E-07	7.02E-06	2.84E-07	7.59E-06
1048	490061.24, 3859916.13	1.51E-05	4.57E-05	2.65E-05	5.06E-07	1.22E-05	4.94E-07	1.32E-05	8.09E-06	2.44E-05	1.41E-05	2.70E-07	6.53E-06	2.64E-07	7.06E-06
1049	490111.24, 3859916.13	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05	8.06E-06	2.43E-05	1.41E-05	2.69E-07	6.50E-06	2.63E-07	7.04E-06
1050	490161.24, 3859916.13	1.49E-05	4.48E-05	2.60E-05	4.96E-07	1.20E-05	4.85E-07	1.30E-05	8.05E-06	2.43E-05	1.41E-05	2.69E-07	6.50E-06	2.63E-07	7.03E-06

1051	490211.24, 3859916.13	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05	8.07E-06	2.44E-05	1.41E-05	2.70E-07	6.51E-06	2.63E-07	7.05E-06
1052	490229.25, 3859815.26	1.71E-05	5.15E-05	2.98E-05	5.70E-07	1.38E-05	5.57E-07	1.49E-05	9.82E-06	2.97E-05	1.72E-05	3.28E-07	7.92E-06	3.20E-07	8.57E-06
1053	490279.25, 3859815.26	1.75E-05	5.30E-05	3.07E-05	5.86E-07	1.42E-05	5.72E-07	1.53E-05	1.03E-05	3.10E-05	1.80E-05	3.43E-07	8.29E-06	3.35E-07	8.97E-06
1054	490329.25, 3859815.26	1.83E-05	5.51E-05	3.19E-05	6.10E-07	1.47E-05	5.96E-07	1.59E-05	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.82E-06	3.57E-07	9.54E-06
1055	490379.25, 3859815.26	1.94E-05	5.87E-05	3.40E-05	6.49E-07	1.57E-05	6.34E-07	1.70E-05	1.19E-05	3.61E-05	2.09E-05	3.99E-07	9.63E-06	3.90E-07	1.04E-05
1056	490429.25, 3859815.26	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05	1.35E-05	4.09E-05	2.37E-05	4.52E-07	1.09E-05	4.42E-07	1.18E-05
1057	490229.25, 3859865.26	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.12E-07	1.37E-05	8.77E-06	2.65E-05	1.53E-05	2.93E-07	7.07E-06	2.86E-07	7.65E-06
1058	490279.25, 3859865.26	1.58E-05	4.78E-05	2.76E-05	5.28E-07	1.28E-05	5.16E-07	1.38E-05	8.96E-06	2.71E-05	1.57E-05	2.99E-07	7.23E-06	2.92E-07	7.82E-06
1059	490329.25, 3859865.26	1.61E-05	4.85E-05	2.81E-05	5.36E-07	1.30E-05	5.24E-07	1.40E-05	9.23E-06	2.79E-05	1.61E-05	3.08E-07	7.45E-06	3.01E-07	8.06E-06
1060	490379.25, 3859865.26	1.65E-05	4.97E-05	2.88E-05	5.50E-07	1.33E-05	5.38E-07	1.44E-05	9.63E-06	2.91E-05	1.68E-05	3.22E-07	7.77E-06	3.14E-07	8.40E-06
1061	490429.25, 3859865.26	1.71E-05	5.16E-05	2.99E-05	5.71E-07	1.38E-05	5.58E-07	1.49E-05	1.02E-05	3.08E-05	1.78E-05	3.41E-07	8.23E-06	3.33E-07	8.90E-06
1062	490229.25, 3859915.26	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05	8.10E-06	2.45E-05	1.42E-05	2.71E-07	6.54E-06	2.64E-07	7.07E-06
1063	490279.25, 3859915.26	1.48E-05	4.45E-05	2.58E-05	4.93E-07	1.19E-05	4.81E-07	1.29E-05	8.17E-06	2.47E-05	1.43E-05	2.73E-07	6.59E-06	2.67E-07	7.13E-06
1064	490329.25, 3859915.26	1.48E-05	4.47E-05	2.59E-05	4.94E-07	1.19E-05	4.83E-07	1.29E-05	8.29E-06	2.50E-05	1.45E-05	2.77E-07	6.68E-06	2.70E-07	7.23E-06
1065	490379.25, 3859915.26	1.49E-05	4.51E-05	2.61E-05	4.99E-07	1.20E-05	4.87E-07	1.30E-05	8.46E-06	2.55E-05	1.48E-05	2.83E-07	6.82E-06	2.76E-07	7.38E-06
1066	490429.25, 3859915.26	1.52E-05	4.58E-05	2.65E-05	5.06E-07	1.22E-05	4.95E-07	1.32E-05	8.71E-06	2.63E-05	1.52E-05	2.91E-07	7.02E-06	2.84E-07	7.60E-06
1067	490451.43, 3859872.59	1.70E-05	5.15E-05	2.98E-05	5.69E-07	1.38E-05	5.56E-07	1.49E-05	1.02E-05	3.08E-05	1.78E-05	3.40E-07	8.22E-06	3.33E-07	8.89E-06
1068	490501.43, 3859872.59	1.81E-05	5.45E-05	3.16E-05	6.03E-07	1.46E-05	5.89E-07	1.58E-05	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.66E-06
1069	490551.43, 3859872.59	1.97E-05	5.94E-05	3.44E-05	6.56E-07	1.59E-05	6.41E-07	1.72E-05	1.24E-05	3.76E-05	2.17E-05	4.15E-07	1.00E-05	4.06E-07	1.09E-05
1070	490601.43, 3859872.59	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.46E-05	4.42E-05	2.56E-05	4.89E-07	1.18E-05	4.77E-07	1.28E-05
1071	490451.43, 3859922.59	1.51E-05	4.55E-05	2.64E-05	5.04E-07	1.22E-05	4.92E-07	1.32E-05	8.68E-06	2.62E-05	1.52E-05	2.90E-07	7.00E-06	2.83E-07	7.57E-06
1072	490501.43, 3859922.59	1.55E-05	4.67E-05	2.70E-05	5.17E-07	1.25E-05	5.05E-07	1.35E-05	9.05E-06	2.73E-05	1.58E-05	3.02E-07	7.30E-06	2.95E-07	7.90E-06
1073	490551.43, 3859922.59	1.61E-05	4.86E-05	2.81E-05	5.37E-07	1.30E-05	5.25E-07	1.40E-05	9.59E-06	2.90E-05	1.68E-05	3.20E-07	7.74E-06	3.13E-07	8.37E-06
1074	490601.43, 3859922.59	1.70E-05	5.14E-05	2.97E-05	5.68E-07	1.37E-05	5.55E-07	1.48E-05	1.04E-05	3.13E-05	1.81E-05	3.47E-07	8.37E-06	3.39E-07	9.06E-06
1075	482129.67, 3852241.07	1.11E-05	3.34E-05	1.94E-05	3.70E-07	8.93E-06	3.61E-07	9.66E-06	7.89E-06	2.38E-05	1.38E-05	2.63E-07	6.36E-06	2.57E-07	6.88E-06
1076	482029.67, 3852291.07	1.93E-05	5.82E-05	3.37E-05	6.44E-07	1.56E-05	6.29E-07	1.68E-05	1.41E-05	4.24E-05	2.46E-05	4.69E-07	1.13E-05	4.58E-07	1.23E-05
1077	482079.67, 3852291.07	1.53E-05	4.61E-05	2.67E-05	5.10E-07	1.23E-05	4.98E-07	1.33E-05	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.65E-06
1078	482129.67, 3852291.07	1.28E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05	9.15E-06	2.76E-05	1.60E-05	3.06E-07	7.38E-06	2.99E-07	7.99E-06
1079	482179.67, 3852291.07	1.10E-05	3.32E-05	1.92E-05	3.68E-07	8.88E-06	3.59E-07	9.61E-06	7.81E-06	2.36E-05	1.36E-05	2.61E-07	6.30E-06	2.55E-07	6.81E-06
1080	482229.67, 3852291.07	9.74E-06	2.94E-05	1.70E-05	3.25E-07	7.86E-06	3.18E-07	8.50E-06	6.81E-06	2.06E-05	1.19E-05	2.27E-07	5.49E-06	2.22E-07	5.94E-06
1081	482029.67, 3852341.07	2.61E-05	7.87E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.24E-07	1.67E-05
1082	482079.67, 3852341.07	1.92E-05	5.80E-05	3.36E-05	6.41E-07	1.55E-05	6.26E-07	1.68E-05	1.40E-05	4.22E-05	2.44E-05	4.66E-07	1.13E-05	4.56E-07	1.22E-05
1083	482129.67, 3852341.07	1.52E-05	4.60E-05	2.66E-05	5.09E-07	1.23E-05	4.97E-07	1.33E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.88E-06	3.59E-07	9.60E-06
1084	482179.67, 3852341.07	1.27E-05	3.84E-05	2.22E-05	4.25E-07	1.03E-05	4.15E-07	1.11E-05	9.10E-06	2.75E-05	1.59E-05	3.04E-07	7.34E-06	2.97E-07	7.94E-06
1085	482259.06, 3852400.14	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.73E-06	3.94E-07	1.05E-05	8.61E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.52E-06
1086	482309.06, 3852400.14	1.05E-05	3.17E-05	1.83E-05	3.50E-07	8.46E-06	3.42E-07	9.15E-06	7.37E-06	2.23E-05	1.29E-05	2.46E-07	5.95E-06	2.41E-07	6.43E-06
1087	482209.06, 3852450.14	1.73E-05	5.22E-05	3.02E-05	5.77E-07	1.39E-05	5.64E-07	1.51E-05	1.25E-05	3.78E-05	2.19E-05	4.18E-07	1.01E-05	4.09E-07	1.09E-05
1088	482259.06, 3852450.14	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05	1.02E-05	3.07E-05	1.77E-05	3.39E-07	8.19E-06	3.31E-07	8.86E-06
1089	482309.06, 3852450.14	1.20E-05	3.62E-05	2.10E-05	4.01E-07	9.68E-06	3.91E-07	1.05E-05	8.51E-06	2.57E-05	1.49E-05	2.84E-07	6.87E-06	2.78E-07	7.43E-06
1090	482209.06, 3852500.14	2.25E-05	6.78E-05	3.93E-05	7.50E-07	1.81E-05	7.33E-07	1.96E-05	1.63E-05	4.94E-05	2.86E-05	5.46E-07	1.32E-05	5.33E-07	1.43E-05
1091	482259.06, 3852500.14	1.73E-05	5.21E-05	3.02E-05	5.76E-07	1.39E-05	5.63E-07	1.51E-05	1.25E-05	3.76E-05	2.18E-05	4.16E-07	1.01E-05	4.07E-07	1.09E-05
1092	482309.06, 3852500.14	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.60E-07	1.23E-05	1.01E-05	3.04E-05	1.76E-05	3.36E-07	8.13E-06	3.29E-07	8.79E-06
1093	482283.91, 3852513.62	1.64E-05	4.95E-05	2.87E-05	5.47E-07	1.32E-05	5.35E-07	1.43E-05	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.53E-06	3.86E-07	1.03E-05
1094	482333.91, 3852513.62	1.36E-05	4.09E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05	9.68E-06	2.92E-05	1.69E-05	3.23E-07	7.81E-06	3.16E-07	8.45E-06
1095	482283.91, 3852563.62	2.09E-05	6.31E-05	3.65E-05	6.98E-07	1.69E-05	6.82E-07	1.82E-05	1.51E-05	4.57E-05	2.65E-05	5.06E-07	1.22E-05	4.94E-07	1.32E-05
1096	482333.91, 3852563.62	1.64E-05	4.95E-05	2.87E-05	5.47E-07	1.32E-05	5.35E-07	1.43E-05	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05
1097	482383.91, 3852563.62	1.36E-05	4.11E-05	2.38E-05	4.55E-07	1.10E-05	4.44E-07	1.19E-05	9.71E-06	2.93E-05	1.70E-05	3.24E-07	7.83E-06	3.17E-07	8.47E-06
1098	482283.91, 3852613.62	2.84E-05	8.58E-05	4.97E-05	9.49E-07	2.29E-05	9.28E-07	2.48E-05	2.07E-05	6.26E-05	3.62E-05	6.93E-07	1.67E-05	6.77E-07	1.81E-05
1099	482333.91, 3852613.62	2.08E-05	6.29E-05	3.64E-05	6.96E-07	1.68E-05	6.80E-07	1.82E-05	1.51E-05	4.55E-05	2.63E-05	5.03E-07	1.22E-05	4.92E-07	1.31E-05
1100	482383.91, 3852613.62	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05	1.18E-05	3.56E-05	2.06E-05	3.93E-07	9.50E-06	3.84E-07	1.03E-05
1101	482602.38, 3852600.87	8.86E-06	2.67E-05	1.55E-05	2.96E-07	7.14E-06	2.89E-07	7.73E-06	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.87E-06	1.97E-07	5.26E-06
1102	482652.38, 3852600.87	8.18E-06	2.47E-05	1.43E-05	2.73E-07	6.60E-06	2.67E-07	7.14E-06	5.52E-06	1.67E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06
1103	482702.38, 3852600.87	7.57E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06	5.02E-06	1.52E-05	8.78E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06
1104	482552.38, 3852650.87	1.09E-05	3.29E-05	1.90E-05	3.63E-07	8.78E-06	3.55E-07	9.50E-06	7.56E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06
1105	482602.38, 3852650.87	9.76E-06	2.95E-05	1.71E-05	3.26E-07	7.87E-06	3.18E-07	8.52E-06	6.71E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06
1106	482652.38, 3852650.87	8.91E-06	2.69E-05	1.56E-05	2.98E-07	7.19E-06	2.91E-07	7.78E-06	6.06E-06	1.83E-05	1.06E-05	2.03E-07	4.89E-06	1.98E-07	5.29E-06
1107	482702.38, 3852650.87	8.24E-06	2.49E-05	1.44E-05	2.75E-07	6.64E-06	2.69E-07	7.19E-06	5.55E-06	1.68E-05	9.71E-06	1.85E-07	4.48E-06	1.81E-07	4.85E-06
1108	482552.38, 3852700.87	1.24E-05	3.76E-05	2.18E-05	4.16E-07	1.00E-05	4.06E-07	1.09E-05	8.73E-06	2.64E-05	1.53E-05	2.91E-07	7.04E-06	2.85E-07	7.62E-06
1109	482602.38, 3852700.87	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.86E-06	3.58E-07	9.58E-06	7.63E-06	2.30E-05	1.33E-05	2.55E-07	6.15E-06	2.49E-07	6.65E-06
1110	482652.38, 3852700.87	9.91E-06	2.99E-05	1.73E-05	3.31E-07	7.99E-06	3.23E-07	8.65E-06	6.84E-06	2.07E-05	1.20E-05	2.28E-07	5.52E-06	2.23E-07	5.97E-06
1111	482702.38, 3852700.87	9.01E-06	2.72E-05	1.58E-05	3.01E-07	7.27E-06	2.94E-07	7.86E-06	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06
1112	482452.38, 3852750.87	2.31E-05	6.97E-05	4.03E-05	7.71E-07	1.86E-05	7.53E-07	2.01E-05	1.66E-05	5.01E-05	2.90E-05	5.54E-07	1.34E-05	5.42E-07	1.45E-05

1113	482521.29, 3852749.74	1.63E-05	4.93E-05	2.86E-05	5.46E-07	1.32E-05	5.33E-07	1.43E-05	1.16E-05	3.50E-05	2.03E-05	3.88E-07	9.36E-06	3.79E-07	1.01E-05
1114	482571.29, 3852749.74	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.47E-07	1.19E-05	9.64E-06	2.91E-05	1.68E-05	3.22E-07	7.77E-06	3.14E-07	8.41E-06
1115	482521.29, 3852799.74	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.74E-07	1.80E-05	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.81E-07	1.29E-05
1116	482571.29, 3852799.74	1.65E-05	4.97E-05	2.88E-05	5.49E-07	1.33E-05	5.37E-07	1.44E-05	1.16E-05	3.52E-05	2.04E-05	3.89E-07	9.39E-06	3.80E-07	1.02E-05
1117	482621.29, 3852799.74	1.38E-05	4.17E-05	2.41E-05	4.61E-07	1.11E-05	4.50E-07	1.20E-05	9.67E-06	2.92E-05	1.69E-05	3.23E-07	7.80E-06	3.15E-07	8.44E-06
1118	482571.29, 3852849.74	2.08E-05	6.29E-05	3.64E-05	6.95E-07	1.68E-05	6.79E-07	1.82E-05	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05
1119	482621.29, 3852849.74	1.66E-05	5.01E-05	2.90E-05	5.54E-07	1.34E-05	5.41E-07	1.45E-05	1.17E-05	3.52E-05	2.04E-05	3.89E-07	9.40E-06	3.80E-07	1.02E-05
1120	482577.42, 3852901.55	2.75E-05	8.31E-05	4.81E-05	9.19E-07	2.22E-05	8.98E-07	2.40E-05	1.95E-05	5.89E-05	3.41E-05	6.52E-07	1.57E-05	6.37E-07	1.70E-05
1121	482627.42, 3852901.55	2.06E-05	6.21E-05	3.60E-05	6.87E-07	1.66E-05	6.71E-07	1.80E-05	1.44E-05	4.35E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05
1122	482629.96, 3852955.85	2.81E-05	8.47E-05	4.91E-05	9.37E-07	2.26E-05	9.16E-07	2.45E-05	1.97E-05	5.93E-05	3.44E-05	6.56E-07	1.59E-05	6.41E-07	1.72E-05
1123	482679.96, 3852955.85	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05	1.45E-05	4.37E-05	2.53E-05	4.83E-07	1.17E-05	4.72E-07	1.26E-05
1124	482781.63, 3853034.48	1.76E-05	5.30E-05	3.07E-05	5.86E-07	1.42E-05	5.73E-07	1.53E-05	1.17E-05	3.53E-05	2.05E-05	3.91E-07	9.44E-06	3.82E-07	1.02E-05
1125	482831.63, 3853034.48	1.46E-05	4.40E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	9.64E-06	2.91E-05	1.68E-05	3.22E-07	7.78E-06	3.15E-07	8.41E-06
1126	482881.63, 3853034.48	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05	8.23E-06	2.49E-05	1.44E-05	2.75E-07	6.64E-06	2.69E-07	7.18E-06
1127	482781.63, 3853084.48	2.01E-05	6.08E-05	3.52E-05	6.72E-07	1.62E-05	6.57E-07	1.76E-05	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.36E-07	1.17E-05
1128	482831.63, 3853084.48	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.31E-07	1.42E-05	1.07E-05	3.24E-05	1.87E-05	3.58E-07	8.65E-06	3.50E-07	9.35E-06
1129	482881.63, 3853084.48	1.38E-05	4.17E-05	2.42E-05	4.62E-07	1.12E-05	4.51E-07	1.21E-05	9.04E-06	2.73E-05	1.58E-05	3.02E-07	7.29E-06	2.95E-07	7.89E-06
1130	482781.63, 3853134.48	2.33E-05	7.05E-05	4.08E-05	7.80E-07	1.88E-05	7.62E-07	2.04E-05	1.55E-05	4.69E-05	2.71E-05	5.18E-07	1.25E-05	5.07E-07	1.35E-05
1131	482831.63, 3853134.48	1.82E-05	5.51E-05	3.19E-05	6.09E-07	1.47E-05	5.95E-07	1.59E-05	1.20E-05	3.63E-05	2.10E-05	4.02E-07	9.70E-06	3.93E-07	1.05E-05
1132	482881.63, 3853134.48	1.52E-05	4.59E-05	2.66E-05	5.08E-07	1.23E-05	4.96E-07	1.33E-05	9.95E-06	3.00E-05	1.74E-05	3.32E-07	8.02E-06	3.25E-07	8.68E-06
1133	482831.63, 3853184.48	2.08E-05	6.28E-05	3.63E-05	6.94E-07	1.68E-05	6.79E-07	1.81E-05	1.37E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.48E-07	1.20E-05
1134	482881.63, 3853184.48	1.69E-05	5.09E-05	2.95E-05	5.63E-07	1.36E-05	5.50E-07	1.47E-05	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.90E-06	3.60E-07	9.63E-06
1135	484154.84, 3854250.98	1.92E-05	5.79E-05	3.35E-05	6.41E-07	1.55E-05	6.26E-07	1.67E-05	9.78E-06	2.95E-05	1.71E-05	3.27E-07	7.89E-06	3.19E-07	8.53E-06
1136	484204.84, 3854250.98	1.85E-05	5.60E-05	3.24E-05	6.19E-07	1.50E-05	6.05E-07	1.62E-05	9.45E-06	2.85E-05	1.65E-05	3.15E-07	7.62E-06	3.08E-07	8.24E-06
1137	484154.84, 3854300.98	2.08E-05	6.29E-05	3.64E-05	6.96E-07	1.68E-05	6.80E-07	1.82E-05	1.06E-05	3.20E-05	1.85E-05	3.53E-07	8.54E-06	3.45E-07	9.23E-06
1138	484204.84, 3854300.98	2.00E-05	6.05E-05	3.50E-05	6.69E-07	1.62E-05	6.54E-07	1.75E-05	1.02E-05	3.07E-05	1.78E-05	3.40E-07	8.21E-06	3.32E-07	8.88E-06
1139	484074.19, 3854519.8	3.68E-05	1.11E-04	6.43E-05	1.23E-06	2.97E-05	1.20E-06	3.21E-05	1.84E-05	5.55E-05	3.21E-05	6.14E-07	1.48E-05	6.00E-07	1.60E-05
1140	484124.19, 3854519.8	3.40E-05	1.03E-04	5.95E-05	1.14E-06	2.74E-05	1.11E-06	2.97E-05	1.70E-05	5.14E-05	2.97E-05	5.68E-07	1.37E-05	5.55E-07	1.48E-05
1141	484074.19, 3854569.8	4.37E-05	1.32E-04	7.64E-05	1.46E-06	3.52E-05	1.43E-06	3.81E-05	2.18E-05	6.57E-05	3.80E-05	7.26E-07	1.75E-05	7.10E-07	1.90E-05
1142	484124.19, 3854569.8	3.96E-05	1.20E-04	6.92E-05	1.32E-06	3.20E-05	1.29E-06	3.46E-05	1.97E-05	5.96E-05	3.45E-05	6.59E-07	1.59E-05	6.44E-07	1.72E-05
1143	485205.11, 3855188.89	3.86E-05	1.17E-04	6.75E-05	1.29E-06	3.12E-05	1.26E-06	3.37E-05	1.92E-05	5.81E-05	3.36E-05	6.43E-07	1.55E-05	6.28E-07	1.68E-05
1144	485255.11, 3855188.89	3.64E-05	1.10E-04	6.35E-05	1.21E-06	2.93E-05	1.19E-06	3.17E-05	1.81E-05	5.47E-05	3.17E-05	6.05E-07	1.46E-05	5.91E-07	1.58E-05
1145	485205.11, 3855238.89	4.28E-05	1.29E-04	7.48E-05	1.43E-06	3.45E-05	1.40E-06	3.73E-05	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05
1146	485255.11, 3855238.89	3.95E-05	1.19E-04	6.91E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	1.97E-05	5.94E-05	3.44E-05	6.57E-07	1.59E-05	6.42E-07	1.72E-05
1147	485205.11, 3855288.89	4.77E-05	1.44E-04	8.34E-05	1.59E-06	3.85E-05	1.56E-06	4.16E-05	2.37E-05	7.15E-05	4.14E-05	7.91E-07	1.91E-05	7.73E-07	2.07E-05
1148	485255.11, 3855288.89	4.32E-05	1.30E-04	7.55E-05	1.44E-06	3.48E-05	1.41E-06	3.77E-05	2.15E-05	6.49E-05	3.76E-05	7.18E-07	1.73E-05	7.01E-07	1.88E-05
1149	485255.11, 3855338.89	4.86E-05	1.47E-04	8.50E-05	1.62E-06	3.92E-05	1.59E-06	4.24E-05	2.42E-05	7.29E-05	4.22E-05	8.07E-07	1.95E-05	7.88E-07	2.11E-05
1150	485305.11, 3855338.89	4.38E-05	1.32E-04	7.66E-05	1.46E-06	3.53E-05	1.43E-06	3.82E-05	2.18E-05	6.58E-05	3.81E-05	7.28E-07	1.76E-05	7.11E-07	1.90E-05
1151	485852.5, 3855635.28	3.40E-05	1.03E-04	5.94E-05	1.14E-06	2.74E-05	1.11E-06	2.97E-05	1.70E-05	5.13E-05	2.97E-05	5.67E-07	1.37E-05	5.55E-07	1.48E-05
1152	485902.5, 3855635.28	3.26E-05	9.83E-05	5.69E-05	1.09E-06	2.63E-05	1.06E-06	2.84E-05	1.63E-05	4.92E-05	2.85E-05	5.44E-07	1.31E-05	5.31E-07	1.42E-05
1153	485852.5, 3855685.28	3.62E-05	1.09E-04	6.32E-05	1.21E-06	2.92E-05	1.18E-06	3.16E-05	1.81E-05	5.46E-05	3.16E-05	6.03E-07	1.46E-05	5.90E-07	1.58E-05
1154	485902.5, 3855685.28	3.45E-05	1.04E-04	6.03E-05	1.15E-06	2.78E-05	1.12E-06	3.01E-05	1.72E-05	5.20E-05	3.01E-05	5.75E-07	1.39E-05	5.62E-07	1.50E-05
1155	485852.5, 3855735.28	3.88E-05	1.17E-04	6.78E-05	1.30E-06	3.13E-05	1.27E-06	3.39E-05	1.94E-05	5.85E-05	3.39E-05	6.47E-07	1.56E-05	6.32E-07	1.69E-05
1156	485902.5, 3855735.28	3.66E-05	1.11E-04	6.40E-05	1.22E-06	2.96E-05	1.20E-06	3.20E-05	1.83E-05	5.53E-05	3.20E-05	6.11E-07	1.48E-05	5.97E-07	1.60E-05
1157	485852.5, 3855785.28	4.21E-05	1.27E-04	7.36E-05	1.41E-06	3.40E-05	1.37E-06	3.67E-05	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05
1158	485902.5, 3855785.28	3.94E-05	1.19E-04	6.88E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05	1.97E-05	5.93E-05	3.43E-05	6.56E-07	1.59E-05	6.41E-07	1.71E-05
1159	486809.46, 3856465.28	3.49E-05	1.05E-04	6.10E-05	1.17E-06	2.82E-05	1.14E-06	3.05E-05	1.75E-05	5.27E-05	3.05E-05	5.83E-07	1.41E-05	5.70E-07	1.52E-05
1160	486859.46, 3856465.28	3.33E-05	1.01E-04	5.82E-05	1.11E-06	2.68E-05	1.09E-06	2.90E-05	1.67E-05	5.03E-05	2.91E-05	5.57E-07	1.34E-05	5.44E-07	1.45E-05
1161	486909.46, 3856465.28	3.19E-05	9.63E-05	5.57E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	1.60E-05	4.83E-05	2.79E-05	5.34E-07	1.29E-05	5.22E-07	1.39E-05
1162	486809.46, 3856515.28	3.69E-05	1.12E-04	6.46E-05	1.23E-06	2.98E-05	1.21E-06	3.22E-05	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05
1163	486859.46, 3856515.28	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.82E-05	1.14E-06	3.06E-05	1.75E-05	5.29E-05	3.06E-05	5.85E-07	1.41E-05	5.72E-07	1.53E-05
1164	486909.46, 3856515.28	3.34E-05	1.01E-04	5.84E-05	1.12E-06	2.69E-05	1.09E-06	2.91E-05	1.67E-05	5.05E-05	2.92E-05	5.59E-07	1.35E-05	5.46E-07	1.46E-05
1165	486980.94, 3856357.95	2.78E-05	8.39E-05	4.86E-05	9.28E-07	2.24E-05	9.07E-07	2.43E-05	1.40E-05	4.21E-05	2.44E-05	4.66E-07	1.13E-05	4.55E-07	1.22E-05
1166	487030.94, 3856357.95	2.69E-05	8.13E-05	4.71E-05	8.99E-07	2.17E-05	8.79E-07	2.35E-05	1.35E-05	4.08E-05	2.36E-05	4.52E-07	1.09E-05	4.41E-07	1.18E-05
1167	486980.94, 3856407.95	2.88E-05	8.70E-05	5.04E-05	9.62E-07	2.32E-05	9.40E-07	2.51E-05	1.45E-05	4.37E-05	2.53E-05	4.83E-07	1.17E-05	4.72E-07	1.26E-05
1168	487030.94, 3856407.95	2.79E-05	8.41E-05	4.87E-05	9.31E-07	2.25E-05	9.09E-07	2.43E-05	1.40E-05	4.23E-05	2.45E-05	4.67E-07	1.13E-05	4.57E-07	1.22E-05
1169	487447.18, 3856437.45	2.26E-05	6.81E-05	3.94E-05	7.53E-07	1.82E-05	7.36E-07	1.97E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
1170	487497.18, 3856437.45	2.20E-05	6.65E-05	3.85E-05	7.36E-07	1.78E-05	7.19E-07	1.92E-05	1.11E-05	3.36E-05	1.94E-05	3.71E-07	8.97E-06	3.63E-07	9.70E-06
1171	487547.18, 3856437.45	2.15E-05	6.50E-05	3.77E-05	7.19E-07	1.74E-05	7.03E-07	1.88E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.49E-06
1172	487447.18, 3856487.45	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.56E-07	2.02E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
1173	487497.18, 3856487.45	2.26E-05	6.83E-05	3.96E-05	7.56E-07	1.83E-05	7.38E-07	1.97E-05	1.14E-05	3.45E-05	2.00E-05	3.81E-07	9.21E-06	3.72E-07	9.96E-06
1174	487547.18, 3856487.45	2.21E-05	6.68E-05	3.86E-05	7.38E-07	1.78E-05	7.22E-07	1.93E-05	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.00E-06	3.64E-07	9.74E-06

1175	487447.18, 3856537.45	2.39E-05	7.21E-05	4.17E-05	7.97E-07	1.92E-05	7.79E-07	2.08E-05	1.20E-05	3.63E-05	2.10E-05	4.02E-07	9.70E-06	3.93E-07	1.05E-05
1176	487497.18, 3856537.45	2.33E-05	7.03E-05	4.07E-05	7.78E-07	1.88E-05	7.60E-07	2.03E-05	1.17E-05	3.55E-05	2.05E-05	3.92E-07	9.47E-06	3.83E-07	1.02E-05
1177	487547.18, 3856537.45	2.27E-05	6.87E-05	3.97E-05	7.59E-07	1.83E-05	7.42E-07	1.98E-05	1.15E-05	3.46E-05	2.01E-05	3.83E-07	9.26E-06	3.74E-07	1.00E-05
1178	489285.89, 3858826.54	3.10E-05	9.36E-05	5.42E-05	1.04E-06	2.50E-05	1.01E-06	2.70E-05	1.70E-05	5.12E-05	2.96E-05	5.66E-07	1.37E-05	5.53E-07	1.48E-05
1179	489335.89, 3858826.54	2.92E-05	8.83E-05	5.11E-05	9.76E-07	2.36E-05	9.54E-07	2.55E-05	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05
1180	489385.89, 3858826.54	2.78E-05	8.40E-05	4.86E-05	9.29E-07	2.24E-05	9.08E-07	2.43E-05	1.52E-05	4.58E-05	2.65E-05	5.06E-07	1.22E-05	4.95E-07	1.32E-05
1181	489435.89, 3858826.54	2.66E-05	8.04E-05	4.66E-05	8.89E-07	2.15E-05	8.69E-07	2.32E-05	1.45E-05	4.38E-05	2.53E-05	4.84E-07	1.17E-05	4.73E-07	1.26E-05
1182	489485.89, 3858826.54	2.56E-05	7.73E-05	4.47E-05	8.54E-07	2.06E-05	8.35E-07	2.23E-05	1.39E-05	4.20E-05	2.43E-05	4.64E-07	1.12E-05	4.53E-07	1.21E-05
1183	489535.89, 3858826.54	2.46E-05	7.44E-05	4.31E-05	8.23E-07	1.99E-05	8.04E-07	2.15E-05	1.34E-05	4.04E-05	2.34E-05	4.46E-07	1.08E-05	4.36E-07	1.17E-05
1184	489585.89, 3858826.54	2.38E-05	7.19E-05	4.16E-05	7.95E-07	1.92E-05	7.77E-07	2.08E-05	1.29E-05	3.89E-05	2.25E-05	4.30E-07	1.04E-05	4.21E-07	1.12E-05
1185	489635.89, 3858826.54	2.30E-05	6.95E-05	4.03E-05	7.69E-07	1.86E-05	7.52E-07	2.01E-05	1.25E-05	3.76E-05	2.18E-05	4.16E-07	1.00E-05	4.06E-07	1.09E-05
1186	489685.89, 3858826.54	2.23E-05	6.74E-05	3.90E-05	7.45E-07	1.80E-05	7.28E-07	1.95E-05	1.20E-05	3.64E-05	2.11E-05	4.02E-07	9.72E-06	3.93E-07	1.05E-05
1187	489735.89, 3858826.54	2.17E-05	6.54E-05	3.79E-05	7.23E-07	1.75E-05	7.07E-07	1.89E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
1188	489785.89, 3858826.54	2.11E-05	6.36E-05	3.68E-05	7.03E-07	1.70E-05	6.87E-07	1.84E-05	1.13E-05	3.42E-05	1.98E-05	3.79E-07	9.15E-06	3.70E-07	9.90E-06
1189	489835.89, 3858826.54	2.05E-05	6.19E-05	3.58E-05	6.84E-07	1.65E-05	6.69E-07	1.79E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.89E-06	3.60E-07	9.62E-06
1190	489885.89, 3858826.54	2.00E-05	6.03E-05	3.49E-05	6.67E-07	1.61E-05	6.51E-07	1.74E-05	1.07E-05	3.24E-05	1.87E-05	3.58E-07	8.65E-06	3.50E-07	9.36E-06
1191	489935.89, 3858826.54	1.95E-05	5.87E-05	3.40E-05	6.50E-07	1.57E-05	6.35E-07	1.70E-05	1.04E-05	3.15E-05	1.83E-05	3.49E-07	8.42E-06	3.41E-07	9.11E-06
1192	489985.89, 3858826.54	1.90E-05	5.73E-05	3.32E-05	6.34E-07	1.53E-05	6.19E-07	1.66E-05	1.02E-05	3.07E-05	1.78E-05	3.40E-07	8.21E-06	3.32E-07	8.88E-06
1193	490035.89, 3858826.54	1.85E-05	5.60E-05	3.24E-05	6.19E-07	1.50E-05	6.05E-07	1.62E-05	9.93E-06	3.00E-05	1.74E-05	3.32E-07	8.01E-06	3.24E-07	8.66E-06
1194	489285.89, 3858876.54	3.29E-05	9.93E-05	5.75E-05	1.10E-06	2.65E-05	1.07E-06	2.87E-05	1.82E-05	5.49E-05	3.18E-05	6.07E-07	1.47E-05	5.93E-07	1.59E-05
1195	489335.89, 3858876.54	3.08E-05	9.29E-05	5.38E-05	1.03E-06	2.48E-05	1.00E-06	2.69E-05	1.70E-05	5.12E-05	2.97E-05	5.67E-07	1.37E-05	5.54E-07	1.48E-05
1196	489385.89, 3858876.54	2.91E-05	8.80E-05	5.09E-05	9.73E-07	2.35E-05	9.51E-07	2.54E-05	1.60E-05	4.84E-05	2.80E-05	5.35E-07	1.29E-05	5.23E-07	1.40E-05
1197	489435.89, 3858876.54	2.78E-05	8.39E-05	4.86E-05	9.28E-07	2.24E-05	9.07E-07	2.43E-05	1.52E-05	4.60E-05	2.66E-05	5.09E-07	1.23E-05	4.97E-07	1.33E-05
1198	489485.89, 3858876.54	2.66E-05	8.04E-05	4.65E-05	8.89E-07	2.15E-05	8.69E-07	2.32E-05	1.46E-05	4.40E-05	2.55E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05
1199	489535.89, 3858876.54	2.56E-05	7.72E-05	4.47E-05	8.54E-07	2.06E-05	8.34E-07	2.23E-05	1.40E-05	4.22E-05	2.44E-05	4.66E-07	1.13E-05	4.56E-07	1.22E-05
1200	489585.89, 3858876.54	2.46E-05	7.44E-05	4.31E-05	8.23E-07	1.99E-05	8.04E-07	2.15E-05	1.34E-05	4.05E-05	2.35E-05	4.48E-07	1.08E-05	4.38E-07	1.17E-05
1201	489635.89, 3858876.54	2.38E-05	7.18E-05	4.15E-05	7.94E-07	1.92E-05	7.76E-07	2.07E-05	1.29E-05	3.90E-05	2.26E-05	4.32E-07	1.04E-05	4.22E-07	1.13E-05
1202	489685.89, 3858876.54	2.30E-05	6.94E-05	4.02E-05	7.68E-07	1.85E-05	7.50E-07	2.01E-05	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.07E-07	1.09E-05
1203	489735.89, 3858876.54	2.23E-05	6.72E-05	3.89E-05	7.44E-07	1.80E-05	7.27E-07	1.94E-05	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.74E-06	3.94E-07	1.05E-05
1204	489785.89, 3858876.54	2.16E-05	6.52E-05	3.78E-05	7.21E-07	1.74E-05	7.05E-07	1.89E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.43E-06	3.81E-07	1.02E-05
1205	489835.89, 3858876.54	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05	1.13E-05	3.42E-05	1.98E-05	3.79E-07	9.15E-06	3.70E-07	9.90E-06
1206	489885.89, 3858876.54	2.04E-05	6.16E-05	3.57E-05	6.81E-07	1.65E-05	6.66E-07	1.78E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.88E-06	3.59E-07	9.61E-06
1207	489935.89, 3858876.54	1.99E-05	6.00E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05	1.07E-05	3.23E-05	1.87E-05	3.58E-07	8.64E-06	3.49E-07	9.35E-06
1208	489985.89, 3858876.54	1.94E-05	5.85E-05	3.38E-05	6.46E-07	1.56E-05	6.32E-07	1.69E-05	1.04E-05	3.15E-05	1.82E-05	3.48E-07	8.41E-06	3.40E-07	9.10E-06
1209	490035.89, 3858876.54	1.89E-05	5.70E-05	3.30E-05	6.31E-07	1.52E-05	6.16E-07	1.65E-05	1.02E-05	3.07E-05	1.78E-05	3.39E-07	8.19E-06	3.31E-07	8.86E-06
1210	489285.89, 3858926.54	3.63E-05	1.09E-04	6.34E-05	1.21E-06	2.92E-05	1.18E-06	3.16E-05	2.02E-05	6.10E-05	3.53E-05	6.75E-07	1.63E-05	6.60E-07	1.76E-05
1211	489335.89, 3858926.54	3.34E-05	1.01E-04	5.85E-05	1.12E-06	2.70E-05	1.09E-06	2.92E-05	1.86E-05	5.62E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05
1212	489385.89, 3858926.54	3.14E-05	9.48E-05	5.49E-05	1.05E-06	2.53E-05	1.02E-06	2.74E-05	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05
1213	489435.89, 3858926.54	2.98E-05	8.98E-05	5.20E-05	9.94E-07	2.40E-05	9.71E-07	2.60E-05	1.64E-05	4.96E-05	2.87E-05	5.49E-07	1.33E-05	5.37E-07	1.43E-05
1214	489485.89, 3858926.54	2.83E-05	8.55E-05	4.95E-05	9.45E-07	2.28E-05	9.24E-07	2.47E-05	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05
1215	489535.89, 3858926.54	2.70E-05	8.15E-05	4.72E-05	9.01E-07	2.18E-05	8.80E-07	2.35E-05	1.48E-05	4.48E-05	2.59E-05	4.95E-07	1.20E-05	4.84E-07	1.29E-05
1216	489585.89, 3858926.54	2.58E-05	7.80E-05	4.51E-05	8.62E-07	2.08E-05	8.42E-07	2.25E-05	1.42E-05	4.27E-05	2.47E-05	4.73E-07	1.14E-05	4.62E-07	1.24E-05
1217	489635.89, 3858926.54	2.48E-05	7.49E-05	4.33E-05	8.28E-07	2.00E-05	8.09E-07	2.16E-05	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05
1218	489685.89, 3858926.54	2.39E-05	7.21E-05	4.17E-05	7.98E-07	1.93E-05	7.79E-07	2.08E-05	1.30E-05	3.94E-05	2.28E-05	4.35E-07	1.05E-05	4.26E-07	1.14E-05
1219	489735.89, 3858926.54	2.31E-05	6.96E-05	4.03E-05	7.70E-07	1.86E-05	7.52E-07	2.01E-05	1.26E-05	3.79E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05
1220	489785.89, 3858926.54	2.23E-05	6.73E-05	3.90E-05	7.44E-07	1.80E-05	7.28E-07	1.95E-05	1.21E-05	3.66E-05	2.12E-05	4.05E-07	9.78E-06	3.96E-07	1.06E-05
1221	489835.89, 3858926.54	2.16E-05	6.52E-05	3.78E-05	7.21E-07	1.74E-05	7.05E-07	1.89E-05	1.17E-05	3.54E-05	2.05E-05	3.92E-07	9.47E-06	3.83E-07	1.02E-05
1222	489885.89, 3858926.54	2.10E-05	6.33E-05	3.66E-05	7.00E-07	1.69E-05	6.84E-07	1.83E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
1223	489935.89, 3858926.54	2.04E-05	6.15E-05	3.56E-05	6.80E-07	1.64E-05	6.65E-07	1.78E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.90E-06	3.60E-07	9.63E-06
1224	489985.89, 3858926.54	1.98E-05	5.99E-05	3.46E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05	1.07E-05	3.24E-05	1.87E-05	3.58E-07	8.65E-06	3.50E-07	9.36E-06
1225	490035.89, 3858926.54	1.93E-05	5.83E-05	3.38E-05	6.45E-07	1.56E-05	6.30E-07	1.69E-05	1.04E-05	3.15E-05	1.82E-05	3.48E-07	8.41E-06	3.40E-07	9.10E-06
1226	489335.89, 3858976.54	4.01E-05	1.21E-04	7.01E-05	1.34E-06	3.23E-05	1.31E-06	3.50E-05	2.23E-05	6.74E-05	3.90E-05	7.45E-07	1.80E-05	7.28E-07	1.95E-05
1227	489385.89, 3858976.54	3.72E-05	1.12E-04	6.50E-05	1.24E-06	3.00E-05	1.21E-06	3.25E-05	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05
1228	489435.89, 3858976.54	3.39E-05	1.02E-04	5.93E-05	1.13E-06	2.73E-05	1.11E-06	2.96E-05	1.88E-05	5.67E-05	3.28E-05	6.27E-07	1.52E-05	6.13E-07	1.64E-05
1229	489485.89, 3858976.54	3.12E-05	9.43E-05	5.46E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05	1.73E-05	5.22E-05	3.02E-05	5.78E-07	1.40E-05	5.65E-07	1.51E-05
1230	489535.89, 3858976.54	2.91E-05	8.80E-05	5.09E-05	9.73E-07	2.35E-05	9.51E-07	2.54E-05	1.61E-05	4.87E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05
1231	489585.89, 3858976.54	2.75E-05	8.31E-05	4.81E-05	9.19E-07	2.22E-05	8.98E-07	2.40E-05	1.52E-05	4.59E-05	2.66E-05	5.07E-07	1.23E-05	4.96E-07	1.33E-05
1232	489635.89, 3858976.54	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05
1233	489685.89, 3858976.54	2.51E-05	7.57E-05	4.38E-05	8.37E-07	2.02E-05	8.18E-07	2.19E-05	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.50E-07	1.20E-05
1234	489735.89, 3858976.54	2.41E-05	7.27E-05	4.21E-05	8.04E-07	1.94E-05	7.86E-07	2.10E-05	1.32E-05	3.99E-05	2.31E-05	4.41E-07	1.07E-05	4.31E-07	1.15E-05
1235	489785.89, 3858976.54	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.57E-07	2.02E-05	1.27E-05	3.83E-05	2.22E-05	4.24E-07	1.02E-05	4.14E-07	1.11E-05
1236	489835.89, 3858976.54	2.24E-05	6.76E-05	3.91E-05	7.48E-07	1.81E-05	7.31E-07	1.95E-05	1.22E-05	3.69E-05	2.14E-05	4.08E-07	9.87E-06	3.99E-07	1.07E-05

1237	489885.89, 3858976.54	2.17E-05	6.54E-05	3.79E-05	7.24E-07	1.75E-05	7.07E-07	1.89E-05	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.53E-06	3.86E-07	1.03E-05
1238	489935.89, 3858976.54	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.22E-06	3.73E-07	9.98E-06
1239	489985.89, 3858976.54	2.04E-05	6.15E-05	3.56E-05	6.81E-07	1.64E-05	6.65E-07	1.78E-05	1.11E-05	3.34E-05	1.94E-05	3.70E-07	8.94E-06	3.61E-07	9.67E-06
1240	490035.89, 3858976.54	1.98E-05	5.99E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05	1.07E-05	3.25E-05	1.88E-05	3.59E-07	8.67E-06	3.51E-07	9.38E-06
1241	489385.89, 3859026.54	4.45E-05	1.34E-04	7.77E-05	1.48E-06	3.59E-05	1.45E-06	3.88E-05	2.47E-05	7.47E-05	4.32E-05	8.26E-07	2.00E-05	8.07E-07	2.16E-05
1242	489435.89, 3859026.54	4.10E-05	1.24E-04	7.16E-05	1.37E-06	3.31E-05	1.34E-06	3.58E-05	2.27E-05	6.85E-05	3.97E-05	7.58E-07	1.83E-05	7.41E-07	1.98E-05
1243	489485.89, 3859026.54	3.54E-05	1.07E-04	6.19E-05	1.18E-06	2.85E-05	1.15E-06	3.09E-05	1.97E-05	5.95E-05	3.44E-05	6.58E-07	1.59E-05	6.43E-07	1.72E-05
1244	489535.89, 3859026.54	3.21E-05	9.69E-05	5.61E-05	1.07E-06	2.59E-05	1.05E-06	2.80E-05	1.79E-05	5.40E-05	3.12E-05	5.97E-07	1.44E-05	5.83E-07	1.56E-05
1245	489585.89, 3859026.54	2.99E-05	9.02E-05	5.22E-05	9.98E-07	2.41E-05	9.75E-07	2.61E-05	1.66E-05	5.01E-05	2.90E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05
1246	489635.89, 3859026.54	2.82E-05	8.51E-05	4.93E-05	9.42E-07	2.27E-05	9.20E-07	2.46E-05	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05
1247	489685.89, 3859026.54	2.68E-05	8.08E-05	4.68E-05	8.94E-07	2.16E-05	8.73E-07	2.34E-05	1.48E-05	4.47E-05	2.59E-05	4.94E-07	1.19E-05	4.83E-07	1.29E-05
1248	489735.89, 3859026.54	2.55E-05	7.70E-05	4.46E-05	8.52E-07	2.06E-05	8.32E-07	2.23E-05	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.13E-05	4.59E-07	1.23E-05
1249	489785.89, 3859026.54	2.44E-05	7.37E-05	4.26E-05	8.15E-07	1.97E-05	7.96E-07	2.13E-05	1.34E-05	4.06E-05	2.35E-05	4.49E-07	1.08E-05	4.38E-07	1.17E-05
1250	489835.89, 3859026.54	2.34E-05	7.07E-05	4.10E-05	7.82E-07	1.89E-05	7.65E-07	2.04E-05	1.29E-05	3.89E-05	2.25E-05	4.30E-07	1.04E-05	4.20E-07	1.12E-05
1251	489885.89, 3859026.54	2.26E-05	6.81E-05	3.94E-05	7.53E-07	1.82E-05	7.36E-07	1.97E-05	1.24E-05	3.74E-05	2.16E-05	4.13E-07	9.98E-06	4.04E-07	1.08E-05
1252	489935.89, 3859026.54	2.18E-05	6.58E-05	3.81E-05	7.28E-07	1.76E-05	7.11E-07	1.90E-05	1.19E-05	3.60E-05	2.08E-05	3.98E-07	9.62E-06	3.89E-07	1.04E-05
1253	489985.89, 3859026.54	2.11E-05	6.36E-05	3.68E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.15E-05	3.48E-05	2.01E-05	3.84E-07	9.29E-06	3.76E-07	1.00E-05
1254	490035.89, 3859026.54	2.05E-05	6.18E-05	3.58E-05	6.83E-07	1.65E-05	6.68E-07	1.79E-05	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.71E-06
1255	489485.89, 3859076.54	4.12E-05	1.24E-04	7.21E-05	1.38E-06	3.33E-05	1.35E-06	3.60E-05	2.31E-05	6.97E-05	4.04E-05	7.71E-07	1.86E-05	7.53E-07	2.01E-05
1256	489535.89, 3859076.54	3.78E-05	1.14E-04	6.61E-05	1.26E-06	3.05E-05	1.23E-06	3.30E-05	2.11E-05	6.37E-05	3.69E-05	7.05E-07	1.70E-05	6.89E-07	1.84E-05
1257	489585.89, 3859076.54	3.44E-05	1.04E-04	6.01E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05	1.91E-05	5.78E-05	3.35E-05	6.39E-07	1.54E-05	6.25E-07	1.67E-05
1258	489635.89, 3859076.54	3.16E-05	9.55E-05	5.53E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05	1.76E-05	5.32E-05	3.08E-05	5.88E-07	1.42E-05	5.75E-07	1.54E-05
1259	489685.89, 3859076.54	2.94E-05	8.88E-05	5.14E-05	9.82E-07	2.37E-05	9.59E-07	2.57E-05	1.63E-05	4.94E-05	2.86E-05	5.46E-07	1.32E-05	5.33E-07	1.43E-05
1260	489735.89, 3859076.54	2.76E-05	8.32E-05	4.82E-05	9.20E-07	2.22E-05	8.99E-07	2.40E-05	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.33E-05
1261	489785.89, 3859076.54	2.60E-05	7.86E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05
1262	489835.89, 3859076.54	2.48E-05	7.48E-05	4.33E-05	8.28E-07	2.00E-05	8.09E-07	2.16E-05	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.47E-07	1.20E-05
1263	489885.89, 3859076.54	2.37E-05	7.16E-05	4.14E-05	7.91E-07	1.91E-05	7.73E-07	2.07E-05	1.31E-05	3.95E-05	2.29E-05	4.37E-07	1.05E-05	4.27E-07	1.14E-05
1264	489935.89, 3859076.54	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.42E-07	1.99E-05	1.25E-05	3.78E-05	2.19E-05	4.18E-07	1.01E-05	4.09E-07	1.09E-05
1265	489985.89, 3859076.54	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.15E-07	1.91E-05	1.20E-05	3.64E-05	2.11E-05	4.02E-07	9.71E-06	3.93E-07	1.05E-05
1266	490035.89, 3859076.54	2.12E-05	6.40E-05	3.70E-05	7.08E-07	1.71E-05	6.91E-07	1.85E-05	1.16E-05	3.50E-05	2.03E-05	3.87E-07	9.35E-06	3.78E-07	1.01E-05
1267	489585.89, 3859126.54	4.39E-05	1.32E-04	7.66E-05	1.46E-06	3.54E-05	1.43E-06	3.83E-05	2.43E-05	7.34E-05	4.25E-05	8.11E-07	1.96E-05	7.93E-07	2.12E-05
1268	489635.89, 3859126.54	3.77E-05	1.14E-04	6.59E-05	1.26E-06	3.04E-05	1.23E-06	3.29E-05	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05
1269	489685.89, 3859126.54	3.33E-05	1.01E-04	5.83E-05	1.11E-06	2.69E-05	1.09E-06	2.91E-05	1.86E-05	5.62E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05
1270	489735.89, 3859126.54	3.03E-05	9.15E-05	5.30E-05	1.01E-06	2.44E-05	9.89E-07	2.64E-05	1.69E-05	5.11E-05	2.96E-05	5.65E-07	1.37E-05	5.53E-07	1.48E-05
1271	489785.89, 3859126.54	2.82E-05	8.50E-05	4.92E-05	9.40E-07	2.27E-05	9.19E-07	2.46E-05	1.57E-05	4.74E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05
1272	489835.89, 3859126.54	2.65E-05	8.00E-05	4.63E-05	8.85E-07	2.14E-05	8.65E-07	2.31E-05	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05
1273	489885.89, 3859126.54	2.51E-05	7.59E-05	4.39E-05	8.39E-07	2.03E-05	8.20E-07	2.19E-05	1.40E-05	4.22E-05	2.44E-05	4.66E-07	1.13E-05	4.56E-07	1.22E-05
1274	489935.89, 3859126.54	2.40E-05	7.24E-05	4.19E-05	8.00E-07	1.93E-05	7.82E-07	2.09E-05	1.33E-05	4.01E-05	2.32E-05	4.44E-07	1.07E-05	4.34E-07	1.16E-05
1275	489985.89, 3859126.54	2.30E-05	6.93E-05	4.01E-05	7.67E-07	1.85E-05	7.49E-07	2.00E-05	1.27E-05	3.83E-05	2.22E-05	4.24E-07	1.02E-05	4.14E-07	1.11E-05
1276	490035.89, 3859126.54	2.21E-05	6.67E-05	3.86E-05	7.37E-07	1.78E-05	7.20E-07	1.93E-05	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05
1277	489585.89, 3859176.54	4.95E-05	1.50E-04	8.66E-05	1.65E-06	3.99E-05	1.62E-06	4.32E-05	2.79E-05	8.42E-05	4.87E-05	9.31E-07	2.25E-05	9.10E-07	2.43E-05
1278	489635.89, 3859176.54	4.46E-05	1.35E-04	7.80E-05	1.49E-06	3.60E-05	1.46E-06	3.89E-05	2.50E-05	7.55E-05	4.37E-05	8.35E-07	2.02E-05	8.16E-07	2.18E-05
1279	489685.89, 3859176.54	3.79E-05	1.14E-04	6.63E-05	1.27E-06	3.06E-05	1.24E-06	3.31E-05	2.14E-05	6.45E-05	3.73E-05	7.13E-07	1.72E-05	6.97E-07	1.86E-05
1280	489735.89, 3859176.54	3.39E-05	1.02E-04	5.93E-05	1.13E-06	2.73E-05	1.11E-06	2.96E-05	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.23E-07	1.67E-05
1281	489785.89, 3859176.54	3.11E-05	9.39E-05	5.44E-05	1.04E-06	2.51E-05	1.01E-06	2.71E-05	1.75E-05	5.28E-05	3.06E-05	5.84E-07	1.41E-05	5.71E-07	1.53E-05
1282	489835.89, 3859176.54	2.89E-05	8.73E-05	5.06E-05	9.66E-07	2.33E-05	9.44E-07	2.52E-05	1.62E-05	4.90E-05	2.84E-05	5.42E-07	1.31E-05	5.29E-07	1.42E-05
1283	489885.89, 3859176.54	2.71E-05	8.19E-05	4.74E-05	9.05E-07	2.19E-05	8.85E-07	2.37E-05	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05
1284	489935.89, 3859176.54	2.56E-05	7.73E-05	4.47E-05	8.54E-07	2.06E-05	8.35E-07	2.23E-05	1.43E-05	4.31E-05	2.50E-05	4.77E-07	1.15E-05	4.66E-07	1.25E-05
1285	489985.89, 3859176.54	2.43E-05	7.34E-05	4.25E-05	8.11E-07	1.96E-05	7.93E-07	2.12E-05	1.35E-05	4.08E-05	2.36E-05	4.52E-07	1.09E-05	4.41E-07	1.18E-05
1286	490035.89, 3859176.54	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.57E-07	2.02E-05	1.29E-05	3.89E-05	2.25E-05	4.30E-07	1.04E-05	4.20E-07	1.12E-05
1287	489685.89, 3859226.54	4.57E-05	1.38E-04	7.98E-05	1.53E-06	3.68E-05	1.49E-06	3.99E-05	2.59E-05	7.83E-05	4.53E-05	8.65E-07	2.09E-05	8.46E-07	2.26E-05
1288	489735.89, 3859226.54	4.27E-05	1.29E-04	7.46E-05	1.43E-06	3.44E-05	1.39E-06	3.72E-05	2.40E-05	7.24E-05	4.19E-05	8.01E-07	1.93E-05	7.83E-07	2.09E-05
1289	489785.89, 3859226.54	3.71E-05	1.12E-04	6.49E-05	1.24E-06	3.00E-05	1.21E-06	3.24E-05	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05
1290	489835.89, 3859226.54	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05	1.87E-05	5.63E-05	3.26E-05	6.23E-07	1.51E-05	6.09E-07	1.63E-05
1291	489885.89, 3859226.54	3.01E-05	9.09E-05	5.26E-05	1.00E-06	2.43E-05	9.82E-07	2.63E-05	1.70E-05	5.12E-05	2.96E-05	5.66E-07	1.37E-05	5.53E-07	1.48E-05
1292	489935.89, 3859226.54	2.78E-05	8.40E-05	4.86E-05	9.29E-07	2.24E-05	9.07E-07	2.43E-05	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.37E-05
1293	489985.89, 3859226.54	2.60E-05	7.86E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.77E-07	1.27E-05
1294	490035.89, 3859226.54	2.46E-05	7.43E-05	4.30E-05	8.22E-07	1.99E-05	8.03E-07	2.15E-05	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.50E-07	1.20E-05
1295	489735.89, 3859276.54	5.07E-05	1.53E-04	8.86E-05	1.69E-06	4.09E-05	1.65E-06	4.42E-05	2.89E-05	8.72E-05	5.05E-05	9.64E-07	2.33E-05	9.42E-07	2.52E-05
1296	489785.89, 3859276.54	4.71E-05	1.42E-04	8.23E-05	1.57E-06	3.80E-05	1.54E-06	4.11E-05	2.65E-05	8.00E-05	4.63E-05	8.85E-07	2.14E-05	8.65E-07	2.31E-05
1297	489835.89, 3859276.54	3.94E-05	1.19E-04	6.88E-05	1.31E-06	3.17E-05	1.28E-06	3.43E-05	2.23E-05	6.73E-05	3.90E-05	7.44E-07	1.80E-05	7.27E-07	1.94E-05
1298	489885.89, 3859276.54	3.40E-05	1.03E-04	5.94E-05	1.13E-06	2.74E-05	1.11E-06	2.97E-05	1.93E-05	5.83E-05	3.38E-05	6.45E-07	1.56E-05	6.30E-07	1.69E-05

1299	489935.89, 3859276.54	3.07E-05	9.26E-05	5.36E-05	1.02E-06	2.47E-05	1.00E-06	2.68E-05	1.74E-05	5.26E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05
1300	489985.89, 3859276.54	2.83E-05	8.55E-05	4.95E-05	9.46E-07	2.28E-05	9.24E-07	2.47E-05	1.60E-05	4.84E-05	2.80E-05	5.35E-07	1.29E-05	5.23E-07	1.40E-05
1301	490035.89, 3859276.54	2.65E-05	8.01E-05	4.64E-05	8.86E-07	2.14E-05	8.66E-07	2.32E-05	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05
1302	490458.06, 3859590.74	3.59E-05	1.08E-04	6.27E-05	1.20E-06	2.89E-05	1.17E-06	3.13E-05	2.10E-05	6.33E-05	3.66E-05	7.00E-07	1.69E-05	6.84E-07	1.83E-05
1303	490508.06, 3859590.74	3.14E-05	9.48E-05	5.49E-05	1.05E-06	2.53E-05	1.02E-06	2.74E-05	1.84E-05	5.54E-05	3.21E-05	6.13E-07	1.48E-05	5.99E-07	1.60E-05
1304	490558.06, 3859590.74	2.82E-05	8.50E-05	4.92E-05	9.40E-07	2.27E-05	9.19E-07	2.46E-05	1.65E-05	4.97E-05	2.88E-05	5.49E-07	1.33E-05	5.37E-07	1.44E-05
1305	490608.06, 3859590.74	2.58E-05	7.78E-05	4.50E-05	8.60E-07	2.08E-05	8.41E-07	2.25E-05	1.50E-05	4.53E-05	2.62E-05	5.01E-07	1.21E-05	4.90E-07	1.31E-05
1306	490658.06, 3859590.74	2.39E-05	7.22E-05	4.18E-05	7.98E-07	1.93E-05	7.80E-07	2.09E-05	1.39E-05	4.19E-05	2.42E-05	4.63E-07	1.12E-05	4.53E-07	1.21E-05
1307	490708.06, 3859590.74	2.24E-05	6.76E-05	3.92E-05	7.48E-07	1.81E-05	7.31E-07	1.95E-05	1.29E-05	3.91E-05	2.26E-05	4.32E-07	1.04E-05	4.22E-07	1.13E-05
1308	490758.06, 3859590.74	2.12E-05	6.39E-05	3.70E-05	7.07E-07	1.71E-05	6.91E-07	1.85E-05	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05
1309	490808.06, 3859590.74	2.01E-05	6.08E-05	3.52E-05	6.72E-07	1.62E-05	6.57E-07	1.76E-05	1.15E-05	3.48E-05	2.01E-05	3.85E-07	9.29E-06	3.76E-07	1.01E-05
1310	490858.06, 3859590.74	1.92E-05	5.81E-05	3.36E-05	6.42E-07	1.55E-05	6.28E-07	1.68E-05	1.10E-05	3.31E-05	1.92E-05	3.66E-07	8.84E-06	3.58E-07	9.56E-06
1311	490458.06, 3859640.74	4.86E-05	1.47E-04	8.49E-05	1.62E-06	3.92E-05	1.59E-06	4.24E-05	2.87E-05	8.66E-05	5.01E-05	9.57E-07	2.31E-05	9.36E-07	2.50E-05
1312	490508.06, 3859640.74	4.27E-05	1.29E-04	7.46E-05	1.43E-06	3.44E-05	1.39E-06	3.72E-05	2.51E-05	7.56E-05	4.38E-05	8.37E-07	2.02E-05	8.18E-07	2.19E-05
1313	490558.06, 3859640.74	3.61E-05	1.09E-04	6.32E-05	1.21E-06	2.92E-05	1.18E-06	3.15E-05	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05
1314	490608.06, 3859640.74	3.13E-05	9.46E-05	5.48E-05	1.05E-06	2.53E-05	1.02E-06	2.73E-05	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05
1315	490658.06, 3859640.74	2.79E-05	8.44E-05	4.89E-05	9.33E-07	2.25E-05	9.12E-07	2.44E-05	1.64E-05	4.96E-05	2.87E-05	5.49E-07	1.33E-05	5.36E-07	1.43E-05
1316	490708.06, 3859640.74	2.55E-05	7.70E-05	4.46E-05	8.51E-07	2.06E-05	8.32E-07	2.22E-05	1.49E-05	4.51E-05	2.61E-05	4.99E-07	1.20E-05	4.87E-07	1.30E-05
1317	490758.06, 3859640.74	2.36E-05	7.12E-05	4.12E-05	7.87E-07	1.90E-05	7.69E-07	2.06E-05	1.37E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.49E-07	1.20E-05
1318	490808.06, 3859640.74	2.21E-05	6.67E-05	3.86E-05	7.38E-07	1.78E-05	7.21E-07	1.93E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.19E-07	1.12E-05
1319	490858.06, 3859640.74	2.09E-05	6.30E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.73E-06	3.94E-07	1.05E-05
1320	490608.06, 3859690.74	4.28E-05	1.29E-04	7.48E-05	1.43E-06	3.45E-05	1.40E-06	3.73E-05	2.54E-05	7.67E-05	4.44E-05	8.48E-07	2.05E-05	8.28E-07	2.22E-05
1321	490658.06, 3859690.74	3.59E-05	1.08E-04	6.28E-05	1.20E-06	2.90E-05	1.17E-06	3.14E-05	2.13E-05	6.44E-05	3.73E-05	7.12E-07	1.72E-05	6.96E-07	1.86E-05
1322	490708.06, 3859690.74	3.11E-05	9.38E-05	5.43E-05	1.04E-06	2.51E-05	1.01E-06	2.71E-05	1.84E-05	5.56E-05	3.22E-05	6.15E-07	1.49E-05	6.01E-07	1.61E-05
1323	490758.06, 3859690.74	2.76E-05	8.35E-05	4.83E-05	9.23E-07	2.23E-05	9.02E-07	2.41E-05	1.64E-05	4.94E-05	2.86E-05	5.46E-07	1.32E-05	5.34E-07	1.43E-05
1324	490808.06, 3859690.74	2.52E-05	7.61E-05	4.40E-05	8.41E-07	2.03E-05	8.22E-07	2.20E-05	1.48E-05	4.48E-05	2.59E-05	4.96E-07	1.20E-05	4.84E-07	1.30E-05
1325	490858.06, 3859690.74	2.33E-05	7.05E-05	4.08E-05	7.80E-07	1.88E-05	7.62E-07	2.04E-05	1.37E-05	4.15E-05	2.40E-05	4.58E-07	1.11E-05	4.48E-07	1.20E-05
1326	490708.06, 3859740.74	4.27E-05	1.29E-04	7.46E-05	1.42E-06	3.44E-05	1.39E-06	3.72E-05	2.55E-05	7.71E-05	4.46E-05	8.53E-07	2.06E-05	8.33E-07	2.23E-05
1327	490758.06, 3859740.74	3.59E-05	1.09E-04	6.28E-05	1.20E-06	2.90E-05	1.17E-06	3.14E-05	2.16E-05	6.51E-05	3.77E-05	7.20E-07	1.74E-05	7.03E-07	1.88E-05
1328	490808.06, 3859740.74	3.10E-05	9.37E-05	5.43E-05	1.04E-06	2.50E-05	1.01E-06	2.71E-05	1.86E-05	5.62E-05	3.25E-05	6.22E-07	1.50E-05	6.08E-07	1.63E-05
1329	490858.06, 3859740.74	2.77E-05	8.36E-05	4.84E-05	9.24E-07	2.23E-05	9.03E-07	2.42E-05	1.66E-05	5.00E-05	2.90E-05	5.53E-07	1.34E-05	5.41E-07	1.45E-05
1330	490786.56, 3859749.39	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	2.09E-05	6.30E-05	3.65E-05	6.97E-07	1.68E-05	6.81E-07	1.82E-05
1331	490836.56, 3859749.39	3.02E-05	9.12E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05	1.82E-05	5.48E-05	3.17E-05	6.06E-07	1.46E-05	5.92E-07	1.58E-05
1332	490786.56, 3859799.39	4.75E-05	1.43E-04	8.30E-05	1.59E-06	3.83E-05	1.55E-06	4.14E-05	2.94E-05	8.89E-05	5.15E-05	9.83E-07	2.37E-05	9.61E-07	2.57E-05
1333	490836.56, 3859799.39	4.19E-05	1.26E-04	7.32E-05	1.40E-06	3.38E-05	1.37E-06	3.65E-05	2.55E-05	7.70E-05	4.46E-05	8.51E-07	2.06E-05	8.32E-07	2.22E-05
1334	492307.84, 3854508.36	5.70E-06	1.72E-05	9.96E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1335	486445.7, 3854753.6	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06
1336	472599.75, 3877830.11	1.39E-07	4.20E-07	2.43E-07	4.64E-09	1.12E-07	4.53E-09	1.21E-07	8.16E-08	2.46E-07	1.43E-07	2.73E-09	6.58E-08	2.66E-09	7.12E-08
1337	493107.48, 3866840.19	5.81E-07	1.75E-06	1.02E-06	1.94E-08	4.69E-07	1.90E-08	5.07E-07	3.13E-07	9.46E-07	5.48E-07	1.05E-08	2.53E-07	1.02E-08	2.73E-07
1338	495815.79, 3861662.87	4.28E-06	1.29E-05	7.48E-06	1.43E-07	3.45E-06	1.40E-07	3.74E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	2.99E-06
1339	480272.33, 3841389.2	3.14E-07	9.47E-07	5.48E-07	1.05E-08	2.53E-07	1.02E-08	2.74E-07	1.78E-07	5.37E-07	3.11E-07	5.94E-09	1.43E-07	5.80E-09	1.55E-07
1340	497005.18, 3862813.64	1.88E-06	5.68E-06	3.29E-06	6.28E-08	1.52E-06	6.14E-08	1.64E-06	1.38E-06	4.18E-06	2.42E-06	4.62E-08	1.12E-06	4.52E-08	1.21E-06
1341	493677.33, 3860302.55	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
1342	493727.33, 3860302.55	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
1343	493777.33, 3860302.55	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
1344	493827.33, 3860302.55	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.34E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1345	493877.33, 3860302.55	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.30E-06	9.97E-06	5.77E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1346	493927.33, 3860302.55	5.72E-06	1.73E-05	1.00E-05	1.91E-07	4.61E-06	1.87E-07	4.99E-06	3.26E-06	9.85E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06
1347	493977.33, 3860302.55	5.68E-06	1.71E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06	3.23E-06	9.75E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
1348	494027.33, 3860302.55	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	3.19E-06	9.65E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1349	493677.33, 3860352.55	5.67E-06	1.71E-05	9.92E-06	1.89E-07	4.58E-06	1.85E-07	4.95E-06	3.29E-06	9.95E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1350	493727.33, 3860352.55	5.61E-06	1.69E-05	9.81E-06	1.87E-07	4.53E-06	1.83E-07	4.90E-06	3.26E-06	9.83E-06	5.69E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
1351	493777.33, 3860352.55	5.55E-06	1.68E-05	9.70E-06	1.85E-07	4.48E-06	1.81E-07	4.84E-06	3.22E-06	9.72E-06	5.63E-06	1.07E-07	2.60E-06	1.05E-07	2.81E-06
1352	493827.33, 3860352.55	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1353	493877.33, 3860352.55	5.44E-06	1.64E-05	9.51E-06	1.82E-07	4.39E-06	1.78E-07	4.75E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1354	493927.33, 3860352.55	5.39E-06	1.63E-05	9.43E-06	1.80E-07	4.35E-06	1.76E-07	4.71E-06	3.11E-06	9.40E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
1355	493977.33, 3860352.55	5.35E-06	1.61E-05	9.35E-06	1.79E-07	4.31E-06	1.75E-07	4.67E-06	3.08E-06	9.30E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
1356	494027.33, 3860352.55	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
1357	493677.33, 3860402.55	5.49E-06	1.66E-05	9.59E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	3.22E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06
1358	493727.33, 3860402.55	5.43E-06	1.64E-05	9.48E-06	1.81E-07	4.38E-06	1.77E-07	4.73E-06	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1359	493777.33, 3860402.55	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.33E-06	1.75E-07	4.69E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1360	493827.33, 3860402.55	5.32E-06	1.61E-05	9.29E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	3.11E-06	9.40E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06

1361	493877.33, 3860402.55	5.26E-06	1.59E-05	9.20E-06	1.76E-07	4.24E-06	1.72E-07	4.59E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
1362	493927.33, 3860402.55	5.22E-06	1.58E-05	9.12E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	3.04E-06	9.19E-06	5.32E-06	1.02E-07	2.45E-06	9.93E-08	2.66E-06
1363	493977.33, 3860402.55	5.17E-06	1.56E-05	9.04E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	3.01E-06	9.09E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.63E-06
1364	494027.33, 3860402.55	5.13E-06	1.55E-05	8.96E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.98E-06	9.00E-06	5.21E-06	9.95E-08	2.40E-06	9.72E-08	2.60E-06
1365	493677.33, 3860452.55	5.35E-06	1.61E-05	9.35E-06	1.79E-07	4.31E-06	1.74E-07	4.67E-06	3.17E-06	9.58E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
1366	493727.33, 3860452.55	5.29E-06	1.60E-05	9.24E-06	1.77E-07	4.26E-06	1.73E-07	4.61E-06	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1367	493777.33, 3860452.55	5.23E-06	1.58E-05	9.14E-06	1.75E-07	4.22E-06	1.71E-07	4.56E-06	3.10E-06	9.36E-06	5.42E-06	1.04E-07	2.50E-06	1.01E-07	2.71E-06
1368	493827.33, 3860452.55	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	3.06E-06	9.25E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.67E-06
1369	493877.33, 3860452.55	5.13E-06	1.55E-05	8.96E-06	1.71E-07	4.14E-06	1.67E-07	4.48E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
1370	493927.33, 3860452.55	5.09E-06	1.54E-05	8.90E-06	1.70E-07	4.11E-06	1.66E-07	4.44E-06	3.00E-06	9.04E-06	5.24E-06	1.00E-07	2.42E-06	9.77E-08	2.61E-06
1371	493977.33, 3860452.55	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.07E-06	1.64E-07	4.40E-06	2.96E-06	8.95E-06	5.18E-06	9.89E-08	2.39E-06	9.67E-08	2.59E-06
1372	494027.33, 3860452.55	5.00E-06	1.51E-05	8.73E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.93E-06	8.86E-06	5.13E-06	9.79E-08	2.37E-06	9.57E-08	2.56E-06
1373	493677.33, 3860502.55	5.23E-06	1.58E-05	9.14E-06	1.75E-07	4.22E-06	1.71E-07	4.56E-06	3.14E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1374	493727.33, 3860502.55	5.17E-06	1.56E-05	9.03E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	3.10E-06	9.36E-06	5.42E-06	1.04E-07	2.50E-06	1.01E-07	2.71E-06
1375	493777.33, 3860502.55	5.11E-06	1.54E-05	8.94E-06	1.71E-07	4.13E-06	1.67E-07	4.46E-06	3.06E-06	9.25E-06	5.35E-06	1.02E-07	2.47E-06	1.00E-07	2.67E-06
1376	493827.33, 3860502.55	5.07E-06	1.53E-05	8.85E-06	1.69E-07	4.09E-06	1.65E-07	4.42E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.64E-06
1377	493877.33, 3860502.55	5.02E-06	1.51E-05	8.77E-06	1.67E-07	4.05E-06	1.64E-07	4.38E-06	2.99E-06	9.04E-06	5.23E-06	9.99E-08	2.41E-06	9.77E-08	2.61E-06
1378	493927.33, 3860502.55	4.97E-06	1.50E-05	8.69E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.96E-06	8.93E-06	5.17E-06	9.88E-08	2.39E-06	9.66E-08	2.58E-06
1379	493977.33, 3860502.55	4.92E-06	1.49E-05	8.61E-06	1.64E-07	3.97E-06	1.61E-07	4.30E-06	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1380	494027.33, 3860502.55	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.90E-06	8.75E-06	5.07E-06	9.68E-08	2.34E-06	9.46E-08	2.53E-06
1381	493627.33, 3860552.55	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1382	493677.33, 3860552.55	5.12E-06	1.54E-05	8.94E-06	1.71E-07	4.13E-06	1.67E-07	4.46E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1383	493727.33, 3860552.55	5.06E-06	1.53E-05	8.85E-06	1.69E-07	4.08E-06	1.65E-07	4.42E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1384	493777.33, 3860552.55	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	3.04E-06	9.16E-06	5.31E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
1385	493827.33, 3860552.55	4.96E-06	1.50E-05	8.68E-06	1.66E-07	4.00E-06	1.62E-07	4.33E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
1386	493877.33, 3860552.55	4.91E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
1387	493927.33, 3860552.55	4.87E-06	1.47E-05	8.51E-06	1.63E-07	3.93E-06	1.59E-07	4.25E-06	2.93E-06	8.85E-06	5.12E-06	9.79E-08	2.36E-06	9.56E-08	2.56E-06
1388	493977.33, 3860552.55	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.58E-07	4.21E-06	2.90E-06	8.75E-06	5.07E-06	9.68E-08	2.34E-06	9.46E-08	2.53E-06
1389	494027.33, 3860552.55	4.78E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06	2.87E-06	8.67E-06	5.02E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06
1390	493627.33, 3860602.55	5.08E-06	1.53E-05	8.87E-06	1.70E-07	4.09E-06	1.66E-07	4.43E-06	3.12E-06	9.43E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
1391	493727.33, 3860602.55	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.33E-06	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.96E-08	2.66E-06
1392	493777.33, 3860602.55	4.92E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06
1393	493827.33, 3860602.55	4.87E-06	1.47E-05	8.51E-06	1.63E-07	3.93E-06	1.59E-07	4.25E-06	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.72E-08	2.60E-06
1394	493877.33, 3860602.55	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	2.94E-06	8.89E-06	5.14E-06	9.83E-08	2.37E-06	9.60E-08	2.57E-06
1395	493927.33, 3860602.55	4.78E-06	1.44E-05	8.35E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.35E-06	9.49E-08	2.54E-06
1396	493977.33, 3860602.55	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06	2.88E-06	8.68E-06	5.03E-06	9.61E-08	2.32E-06	9.39E-08	2.51E-06
1397	494027.33, 3860602.55	4.69E-06	1.42E-05	8.20E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.49E-06
1398	493627.33, 3860652.55	4.99E-06	1.51E-05	8.72E-06	1.67E-07	4.02E-06	1.63E-07	4.35E-06	3.11E-06	9.39E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1399	493727.33, 3860652.55	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	3.04E-06	9.17E-06	5.31E-06	1.01E-07	2.45E-06	9.91E-08	2.65E-06
1400	493777.33, 3860652.55	4.83E-06	1.46E-05	8.45E-06	1.61E-07	3.90E-06	1.58E-07	4.22E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.78E-08	2.62E-06
1401	493827.33, 3860652.55	4.78E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06	2.96E-06	8.94E-06	5.18E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06
1402	493877.33, 3860652.55	4.74E-06	1.43E-05	8.29E-06	1.58E-07	3.82E-06	1.55E-07	4.14E-06	2.92E-06	8.83E-06	5.11E-06	9.77E-08	2.36E-06	9.54E-08	2.55E-06
1403	493927.33, 3860652.55	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.89E-06	8.73E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
1404	493977.33, 3860652.55	4.66E-06	1.41E-05	8.14E-06	1.56E-07	3.76E-06	1.52E-07	4.06E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1405	494027.33, 3860652.55	4.62E-06	1.39E-05	8.07E-06	1.54E-07	3.73E-06	1.51E-07	4.03E-06	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06
1406	494311.06, 3858401.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.20E-06	3.06E-06	9.25E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.67E-06
1407	494361.06, 3858401.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.92E-07	5.12E-06	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.85E-08	2.63E-06
1408	494411.06, 3858401.99	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	2.98E-06	9.00E-06	5.21E-06	9.96E-08	2.41E-06	9.73E-08	2.60E-06
1409	494461.06, 3858401.99	5.76E-06	1.74E-05	1.01E-05	1.92E-07	4.65E-06	1.88E-07	5.03E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
1410	494511.06, 3858401.99	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06	2.93E-06	8.84E-06	5.12E-06	9.78E-08	2.36E-06	9.55E-08	2.55E-06
1411	494561.06, 3858401.99	5.65E-06	1.71E-05	9.88E-06	1.89E-07	4.56E-06	1.84E-07	4.93E-06	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.35E-06	9.49E-08	2.54E-06
1412	494611.06, 3858401.99	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.81E-07	4.85E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1413	494661.06, 3858401.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.83E-06	8.55E-06	4.95E-06	9.46E-08	2.28E-06	9.24E-08	2.47E-06
1414	494711.06, 3858401.99	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.79E-06	8.42E-06	4.88E-06	9.32E-08	2.25E-06	9.10E-08	2.43E-06
1415	494761.06, 3858401.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.77E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
1416	494811.06, 3858401.99	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.73E-06	8.25E-06	4.77E-06	9.12E-08	2.20E-06	8.91E-08	2.38E-06
1417	494861.06, 3858401.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.70E-06	8.16E-06	4.72E-06	9.02E-08	2.18E-06	8.81E-08	2.36E-06
1418	494911.06, 3858401.99	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.67E-06	8.06E-06	4.67E-06	8.92E-08	2.15E-06	8.72E-08	2.33E-06
1419	494961.06, 3858401.99	5.12E-06	1.55E-05	8.95E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.64E-06	7.97E-06	4.62E-06	8.82E-08	2.13E-06	8.62E-08	2.30E-06
1420	495011.06, 3858401.99	5.05E-06	1.52E-05	8.82E-06	1.69E-07	4.07E-06	1.65E-07	4.40E-06	2.60E-06	7.86E-06	4.55E-06	8.70E-08	2.10E-06	8.50E-08	2.27E-06
1421	495061.06, 3858401.99	4.99E-06	1.51E-05	8.72E-06	1.67E-07	4.02E-06	1.63E-07	4.35E-06	2.57E-06	7.77E-06	4.50E-06	8.60E-08	2.08E-06	8.40E-08	2.25E-06
1422	495111.06, 3858401.99	4.88E-06	1.47E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.52E-06	7.61E-06	4.41E-06	8.42E-08	2.03E-06	8.23E-08	2.20E-06

1423	495161.06, 3858401.99	4.85E-06	1.47E-05	8.48E-06	1.62E-07	3.92E-06	1.58E-07	4.24E-06	2.51E-06	7.57E-06	4.38E-06	8.37E-08	2.02E-06	8.18E-08	2.19E-06
1424	495211.06, 3858401.99	4.76E-06	1.44E-05	8.33E-06	1.59E-07	3.84E-06	1.55E-07	4.16E-06	2.46E-06	7.43E-06	4.30E-06	8.22E-08	1.99E-06	8.03E-08	2.15E-06
1425	495261.06, 3858401.99	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.43E-06	7.35E-06	4.25E-06	8.13E-08	1.96E-06	7.94E-08	2.12E-06
1426	495311.06, 3858401.99	4.66E-06	1.41E-05	8.14E-06	1.55E-07	3.76E-06	1.52E-07	4.06E-06	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.86E-08	2.10E-06
1427	495361.06, 3858401.99	4.62E-06	1.39E-05	8.07E-06	1.54E-07	3.72E-06	1.51E-07	4.03E-06	2.39E-06	7.21E-06	4.17E-06	7.97E-08	1.93E-06	7.79E-08	2.08E-06
1428	495411.06, 3858401.99	4.59E-06	1.39E-05	8.03E-06	1.53E-07	3.70E-06	1.50E-07	4.01E-06	2.37E-06	7.17E-06	4.15E-06	7.93E-08	1.92E-06	7.75E-08	2.07E-06
1429	495461.06, 3858401.99	4.57E-06	1.38E-05	7.99E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06	2.37E-06	7.14E-06	4.13E-06	7.90E-08	1.91E-06	7.72E-08	2.06E-06
1430	495511.06, 3858401.99	4.55E-06	1.37E-05	7.95E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.35E-06	7.11E-06	4.11E-06	7.86E-08	1.90E-06	7.68E-08	2.05E-06
1431	495561.06, 3858401.99	4.51E-06	1.36E-05	7.88E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.33E-06	7.04E-06	4.08E-06	7.79E-08	1.88E-06	7.61E-08	2.04E-06
1432	495611.06, 3858401.99	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.47E-07	3.92E-06	2.32E-06	7.01E-06	4.06E-06	7.76E-08	1.87E-06	7.58E-08	2.03E-06
1433	495661.06, 3858401.99	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.47E-07	3.92E-06	2.32E-06	7.02E-06	4.06E-06	7.76E-08	1.88E-06	7.59E-08	2.03E-06
1434	494311.06, 3858451.99	6.09E-06	1.84E-05	1.07E-05	2.03E-07	4.92E-06	1.99E-07	5.32E-06	3.13E-06	9.46E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
1435	494361.06, 3858451.99	6.01E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1436	494411.06, 3858451.99	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.19E-06	3.06E-06	9.23E-06	5.34E-06	1.02E-07	2.47E-06	9.98E-08	2.67E-06
1437	494461.06, 3858451.99	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
1438	494511.06, 3858451.99	5.84E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.91E-07	5.10E-06	3.00E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06
1439	494561.06, 3858451.99	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.65E-06	1.88E-07	5.03E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
1440	494611.06, 3858451.99	5.71E-06	1.72E-05	9.98E-06	1.91E-07	4.60E-06	1.86E-07	4.98E-06	2.94E-06	8.87E-06	5.13E-06	9.81E-08	2.37E-06	9.58E-08	2.56E-06
1441	494661.06, 3858451.99	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	2.90E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.53E-06
1442	494711.06, 3858451.99	5.57E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.87E-06	8.66E-06	5.01E-06	9.57E-08	2.31E-06	9.36E-08	2.50E-06
1443	494761.06, 3858451.99	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06
1444	494811.06, 3858451.99	5.41E-06	1.63E-05	9.46E-06	1.81E-07	4.36E-06	1.77E-07	4.72E-06	2.79E-06	8.42E-06	4.87E-06	9.31E-08	2.25E-06	9.10E-08	2.43E-06
1445	494861.06, 3858451.99	5.34E-06	1.61E-05	9.33E-06	1.78E-07	4.31E-06	1.74E-07	4.66E-06	2.75E-06	8.31E-06	4.81E-06	9.19E-08	2.22E-06	8.98E-08	2.40E-06
1446	494911.06, 3858451.99	5.27E-06	1.59E-05	9.21E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.87E-08	2.37E-06
1447	494961.06, 3858451.99	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.18E-06	1.69E-07	4.53E-06	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.73E-08	2.34E-06
1448	495011.06, 3858451.99	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.64E-06	7.96E-06	4.61E-06	8.80E-08	2.13E-06	8.60E-08	2.30E-06
1449	495061.06, 3858451.99	5.07E-06	1.53E-05	8.86E-06	1.69E-07	4.09E-06	1.65E-07	4.42E-06	2.62E-06	7.90E-06	4.57E-06	8.74E-08	2.11E-06	8.54E-08	2.28E-06
1450	495111.06, 3858451.99	4.99E-06	1.51E-05	8.72E-06	1.67E-07	4.02E-06	1.63E-07	4.35E-06	2.58E-06	7.78E-06	4.50E-06	8.60E-08	2.08E-06	8.41E-08	2.25E-06
1451	495161.06, 3858451.99	4.91E-06	1.48E-05	8.57E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.53E-06	7.65E-06	4.43E-06	8.46E-08	2.04E-06	8.27E-08	2.21E-06
1452	495211.06, 3858451.99	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.58E-07	4.21E-06	2.49E-06	7.53E-06	4.36E-06	8.33E-08	2.01E-06	8.14E-08	2.18E-06
1453	495261.06, 3858451.99	4.78E-06	1.44E-05	8.35E-06	1.60E-07	3.85E-06	1.56E-07	4.17E-06	2.47E-06	7.46E-06	4.32E-06	8.25E-08	1.99E-06	8.06E-08	2.15E-06
1454	495311.06, 3858451.99	4.73E-06	1.43E-05	8.27E-06	1.58E-07	3.82E-06	1.54E-07	4.13E-06	2.45E-06	7.39E-06	4.28E-06	8.17E-08	1.97E-06	7.98E-08	2.13E-06
1455	495361.06, 3858451.99	4.69E-06	1.42E-05	8.20E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.43E-06	7.33E-06	4.24E-06	8.10E-08	1.96E-06	7.92E-08	2.12E-06
1456	495411.06, 3858451.99	4.67E-06	1.41E-05	8.16E-06	1.56E-07	3.77E-06	1.52E-07	4.07E-06	2.41E-06	7.29E-06	4.22E-06	8.06E-08	1.95E-06	7.88E-08	2.11E-06
1457	495461.06, 3858451.99	4.66E-06	1.41E-05	8.14E-06	1.55E-07	3.76E-06	1.52E-07	4.06E-06	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.86E-08	2.10E-06
1458	495511.06, 3858451.99	4.61E-06	1.39E-05	8.06E-06	1.54E-07	3.72E-06	1.50E-07	4.02E-06	2.39E-06	7.20E-06	4.17E-06	7.97E-08	1.92E-06	7.78E-08	2.08E-06
1459	495561.06, 3858451.99	4.61E-06	1.39E-05	8.05E-06	1.54E-07	3.72E-06	1.50E-07	4.02E-06	2.38E-06	7.20E-06	4.17E-06	7.96E-08	1.92E-06	7.78E-08	2.08E-06
1460	495611.06, 3858451.99	4.56E-06	1.38E-05	7.97E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06	2.36E-06	7.12E-06	4.12E-06	7.88E-08	1.90E-06	7.70E-08	2.06E-06
1461	495661.06, 3858451.99	4.55E-06	1.37E-05	7.95E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.35E-06	7.10E-06	4.11E-06	7.85E-08	1.90E-06	7.67E-08	2.05E-06
1462	494311.06, 3858501.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1463	494361.06, 3858501.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.13E-06	9.46E-06	5.47E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
1464	494411.06, 3858501.99	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
1465	494461.06, 3858501.99	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1466	494511.06, 3858501.99	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06	3.03E-06	9.16E-06	5.30E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
1467	494561.06, 3858501.99	5.88E-06	1.78E-05	1.03E-05	1.96E-07	4.75E-06	1.92E-07	5.13E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
1468	494611.06, 3858501.99	5.81E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.07E-06	2.99E-06	9.04E-06	5.23E-06	9.99E-08	2.41E-06	9.77E-08	2.61E-06
1469	494661.06, 3858501.99	5.76E-06	1.74E-05	1.01E-05	1.92E-07	4.65E-06	1.88E-07	5.03E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
1470	494711.06, 3858501.99	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	2.93E-06	8.84E-06	5.12E-06	9.78E-08	2.36E-06	9.55E-08	2.55E-06
1471	494761.06, 3858501.99	5.60E-06	1.69E-05	9.79E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.89E-06	8.71E-06	5.04E-06	9.63E-08	2.33E-06	9.41E-08	2.52E-06
1472	494811.06, 3858501.99	5.52E-06	1.67E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.28E-08	2.48E-06
1473	494861.06, 3858501.99	5.46E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.82E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.19E-08	2.46E-06
1474	494911.06, 3858501.99	5.34E-06	1.61E-05	9.33E-06	1.78E-07	4.31E-06	1.74E-07	4.66E-06	2.75E-06	8.31E-06	4.81E-06	9.20E-08	2.22E-06	8.99E-08	2.40E-06
1475	494961.06, 3858501.99	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.72E-06	8.22E-06	4.76E-06	9.09E-08	2.20E-06	8.89E-08	2.38E-06
1476	495011.06, 3858501.99	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.68E-06	8.09E-06	4.68E-06	8.94E-08	2.16E-06	8.74E-08	2.34E-06
1477	495061.06, 3858501.99	5.15E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.66E-06	8.02E-06	4.64E-06	8.87E-08	2.14E-06	8.67E-08	2.32E-06
1478	495111.06, 3858501.99	5.04E-06	1.52E-05	8.80E-06	1.68E-07	4.06E-06	1.64E-07	4.40E-06	2.60E-06	7.85E-06	4.55E-06	8.69E-08	2.10E-06	8.49E-08	2.27E-06
1479	495161.06, 3858501.99	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.57E-06	7.75E-06	4.49E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
1480	495211.06, 3858501.99	4.89E-06	1.48E-05	8.55E-06	1.63E-07	3.95E-06	1.60E-07	4.27E-06	2.53E-06	7.64E-06	4.42E-06	8.45E-08	2.04E-06	8.25E-08	2.21E-06
1481	495261.06, 3858501.99	4.84E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.50E-06	7.56E-06	4.38E-06	8.36E-08	2.02E-06	8.17E-08	2.19E-06
1482	495311.06, 3858501.99	4.81E-06	1.45E-05	8.41E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.49E-06	7.51E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
1483	495361.06, 3858501.99	4.78E-06	1.44E-05	8.35E-06	1.59E-07	3.85E-06	1.56E-07	4.17E-06	2.47E-06	7.46E-06	4.32E-06	8.25E-08	1.99E-06	8.06E-08	2.16E-06
1484	495411.06, 3858501.99	4.75E-06	1.43E-05	8.31E-06	1.59E-07	3.83E-06	1.55E-07	4.15E-06	2.46E-06	7.42E-06	4.29E-06	8.20E-08	1.98E-06	8.02E-08	2.14E-06

1485	495461.06, 3858501.99	4.73E-06	1.43E-05	8.26E-06	1.58E-07	3.81E-06	1.54E-07	4.13E-06	2.45E-06	7.38E-06	4.27E-06	8.17E-08	1.97E-06	7.98E-08	2.13E-06
1486	495511.06, 3858501.99	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.43E-06	7.34E-06	4.25E-06	8.12E-08	1.96E-06	7.93E-08	2.12E-06
1487	495561.06, 3858501.99	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.43E-06	7.33E-06	4.25E-06	8.11E-08	1.96E-06	7.93E-08	2.12E-06
1488	495611.06, 3858501.99	4.66E-06	1.41E-05	8.14E-06	1.55E-07	3.76E-06	1.52E-07	4.06E-06	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.86E-08	2.10E-06
1489	495661.06, 3858501.99	4.64E-06	1.40E-05	8.11E-06	1.55E-07	3.74E-06	1.51E-07	4.05E-06	2.40E-06	7.25E-06	4.19E-06	8.01E-08	1.94E-06	7.83E-08	2.09E-06
1490	494311.06, 3858551.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.35E-06	3.16E-06	9.53E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.75E-06
1491	494361.06, 3858551.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.35E-06	3.16E-06	9.53E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.75E-06
1492	494411.06, 3858551.99	6.12E-06	1.85E-05	1.07E-05	2.04E-07	4.94E-06	2.00E-07	5.34E-06	3.15E-06	9.51E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1493	494461.06, 3858551.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.32E-06	3.13E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1494	494511.06, 3858551.99	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1495	494561.06, 3858551.99	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.96E-07	5.23E-06	3.08E-06	9.31E-06	5.39E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
1496	494611.06, 3858551.99	5.93E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.05E-06	9.22E-06	5.34E-06	1.02E-07	2.46E-06	9.97E-08	2.67E-06
1497	494661.06, 3858551.99	5.88E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.13E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
1498	494711.06, 3858551.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.06E-06	2.98E-06	9.01E-06	5.22E-06	9.96E-08	2.41E-06	9.74E-08	2.60E-06
1499	494761.06, 3858551.99	5.71E-06	1.72E-05	9.98E-06	1.91E-07	4.60E-06	1.86E-07	4.98E-06	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.60E-08	2.57E-06
1500	494811.06, 3858551.99	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	2.91E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.54E-06
1501	494861.06, 3858551.99	5.55E-06	1.68E-05	9.71E-06	1.85E-07	4.48E-06	1.81E-07	4.85E-06	2.86E-06	8.65E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1502	494911.06, 3858551.99	5.47E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06
1503	494961.06, 3858551.99	5.39E-06	1.63E-05	9.41E-06	1.80E-07	4.34E-06	1.76E-07	4.70E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.06E-08	2.42E-06
1504	495011.06, 3858551.99	5.29E-06	1.60E-05	9.25E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.73E-06	8.24E-06	4.77E-06	9.12E-08	2.20E-06	8.91E-08	2.38E-06
1505	495061.06, 3858551.99	5.21E-06	1.57E-05	9.11E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	2.69E-06	8.13E-06	4.70E-06	8.99E-08	2.17E-06	8.78E-08	2.35E-06
1506	495111.06, 3858551.99	5.10E-06	1.54E-05	8.92E-06	1.70E-07	4.12E-06	1.67E-07	4.45E-06	2.64E-06	7.96E-06	4.61E-06	8.80E-08	2.13E-06	8.60E-08	2.30E-06
1507	495161.06, 3858551.99	5.03E-06	1.52E-05	8.79E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.60E-06	7.85E-06	4.54E-06	8.68E-08	2.10E-06	8.48E-08	2.27E-06
1508	495211.06, 3858551.99	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.33E-06	2.57E-06	7.75E-06	4.49E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
1509	495261.06, 3858551.99	4.92E-06	1.48E-05	8.59E-06	1.64E-07	3.97E-06	1.60E-07	4.29E-06	2.54E-06	7.67E-06	4.44E-06	8.49E-08	2.05E-06	8.29E-08	2.22E-06
1510	495311.06, 3858551.99	4.89E-06	1.48E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.27E-06	2.53E-06	7.63E-06	4.42E-06	8.44E-08	2.04E-06	8.25E-08	2.21E-06
1511	495361.06, 3858551.99	4.86E-06	1.47E-05	8.49E-06	1.62E-07	3.92E-06	1.59E-07	4.24E-06	2.51E-06	7.59E-06	4.39E-06	8.39E-08	2.03E-06	8.20E-08	2.19E-06
1512	495411.06, 3858551.99	4.84E-06	1.46E-05	8.46E-06	1.62E-07	3.90E-06	1.58E-07	4.22E-06	2.50E-06	7.56E-06	4.37E-06	8.36E-08	2.02E-06	8.17E-08	2.18E-06
1513	495461.06, 3858551.99	4.81E-06	1.45E-05	8.41E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.49E-06	7.51E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
1514	495511.06, 3858551.99	4.79E-06	1.45E-05	8.38E-06	1.60E-07	3.87E-06	1.56E-07	4.18E-06	2.48E-06	7.48E-06	4.33E-06	8.28E-08	2.00E-06	8.09E-08	2.16E-06
1515	495561.06, 3858551.99	4.76E-06	1.44E-05	8.33E-06	1.59E-07	3.84E-06	1.55E-07	4.16E-06	2.46E-06	7.44E-06	4.31E-06	8.23E-08	1.99E-06	8.04E-08	2.15E-06
1516	495611.06, 3858551.99	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06	2.45E-06	7.40E-06	4.28E-06	8.18E-08	1.98E-06	7.99E-08	2.14E-06
1517	495661.06, 3858551.99	4.70E-06	1.42E-05	8.22E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.43E-06	7.35E-06	4.25E-06	8.13E-08	1.96E-06	7.94E-08	2.12E-06
1518	494311.06, 3858601.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.99E-08	2.67E-06
1519	494361.06, 3858601.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1520	494411.06, 3858601.99	6.24E-06	1.89E-05	1.09E-05	2.08E-07	5.04E-06	2.04E-07	5.45E-06	3.21E-06	9.70E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
1521	494461.06, 3858601.99	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1522	494511.06, 3858601.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1523	494561.06, 3858601.99	6.11E-06	1.84E-05	1.07E-05	2.04E-07	4.93E-06	1.99E-07	5.33E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1524	494611.06, 3858601.99	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.11E-06	9.39E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1525	494661.06, 3858601.99	5.98E-06	1.80E-05	1.04E-05	2.00E-07	4.82E-06	1.95E-07	5.21E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
1526	494711.06, 3858601.99	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.92E-07	5.15E-06	3.04E-06	9.17E-06	5.31E-06	1.01E-07	2.45E-06	9.91E-08	2.65E-06
1527	494761.06, 3858601.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.78E-08	2.62E-06
1528	494811.06, 3858601.99	5.71E-06	1.72E-05	9.98E-06	1.91E-07	4.61E-06	1.86E-07	4.98E-06	2.94E-06	8.89E-06	5.15E-06	9.83E-08	2.38E-06	9.61E-08	2.57E-06
1529	494861.06, 3858601.99	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	2.91E-06	8.78E-06	5.09E-06	9.72E-08	2.35E-06	9.49E-08	2.54E-06
1530	494911.06, 3858601.99	5.54E-06	1.67E-05	9.68E-06	1.85E-07	4.47E-06	1.81E-07	4.83E-06	2.86E-06	8.63E-06	4.99E-06	9.54E-08	2.30E-06	9.32E-08	2.49E-06
1531	494961.06, 3858601.99	5.46E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06
1532	495011.06, 3858601.99	5.38E-06	1.63E-05	9.41E-06	1.80E-07	4.34E-06	1.76E-07	4.70E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.42E-06
1533	495061.06, 3858601.99	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06	2.74E-06	8.26E-06	4.78E-06	9.14E-08	2.21E-06	8.93E-08	2.39E-06
1534	495111.06, 3858601.99	5.17E-06	1.56E-05	9.03E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	2.67E-06	8.06E-06	4.67E-06	8.91E-08	2.15E-06	8.71E-08	2.33E-06
1535	495161.06, 3858601.99	5.10E-06	1.54E-05	8.91E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06	2.63E-06	7.96E-06	4.61E-06	8.80E-08	2.13E-06	8.60E-08	2.30E-06
1536	495211.06, 3858601.99	5.05E-06	1.53E-05	8.83E-06	1.69E-07	4.08E-06	1.65E-07	4.41E-06	2.61E-06	7.89E-06	4.57E-06	8.72E-08	2.11E-06	8.52E-08	2.28E-06
1537	495261.06, 3858601.99	5.00E-06	1.51E-05	8.74E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.58E-06	7.80E-06	4.52E-06	8.63E-08	2.08E-06	8.43E-08	2.26E-06
1538	495311.06, 3858601.99	4.96E-06	1.50E-05	8.67E-06	1.66E-07	4.00E-06	1.62E-07	4.33E-06	2.56E-06	7.74E-06	4.48E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
1539	495361.06, 3858601.99	4.93E-06	1.49E-05	8.62E-06	1.65E-07	3.98E-06	1.61E-07	4.30E-06	2.55E-06	7.70E-06	4.46E-06	8.52E-08	2.06E-06	8.32E-08	2.23E-06
1540	495411.06, 3858601.99	4.91E-06	1.48E-05	8.58E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.54E-06	7.66E-06	4.44E-06	8.48E-08	2.05E-06	8.28E-08	2.22E-06
1541	495461.06, 3858601.99	4.88E-06	1.47E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.53E-06	7.63E-06	4.42E-06	8.44E-08	2.04E-06	8.24E-08	2.20E-06
1542	495511.06, 3858601.99	4.85E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.51E-06	7.57E-06	4.38E-06	8.37E-08	2.02E-06	8.18E-08	2.19E-06
1543	495561.06, 3858601.99	4.83E-06	1.46E-05	8.45E-06	1.61E-07	3.90E-06	1.58E-07	4.22E-06	2.50E-06	7.55E-06	4.37E-06	8.35E-08	2.02E-06	8.16E-08	2.18E-06
1544	495611.06, 3858601.99	4.79E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.18E-06	2.48E-06	7.48E-06	4.33E-06	8.27E-08	2.00E-06	8.08E-08	2.16E-06
1545	495661.06, 3858601.99	4.77E-06	1.44E-05	8.33E-06	1.59E-07	3.85E-06	1.56E-07	4.16E-06	2.47E-06	7.45E-06	4.31E-06	8.24E-08	1.99E-06	8.05E-08	2.15E-06
1546	494311.06, 3858651.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.06E-06	9.25E-06	5.35E-06	1.02E-07	2.47E-06	9.99E-08	2.67E-06

1547	494361.06, 3858651.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.35E-06	3.16E-06	9.54E-06	5.52E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1548	494411.06, 3858651.99	6.32E-06	1.91E-05	1.10E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.25E-06	9.83E-06	5.69E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
1549	494461.06, 3858651.99	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.08E-06	2.05E-07	5.49E-06	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
1550	494511.06, 3858651.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06	3.21E-06	9.70E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
1551	494561.06, 3858651.99	6.19E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.57E-06	1.04E-07	2.78E-06
1552	494611.06, 3858651.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.17E-06	9.56E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1553	494661.06, 3858651.99	6.08E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.13E-06	9.45E-06	5.47E-06	1.05E-07	2.52E-06	1.02E-07	2.73E-06
1554	494711.06, 3858651.99	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.09E-06	9.32E-06	5.39E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
1555	494761.06, 3858651.99	5.92E-06	1.79E-05	1.03E-05	1.98E-07	4.77E-06	1.93E-07	5.16E-06	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
1556	494811.06, 3858651.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
1557	494861.06, 3858651.99	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.95E-06	8.92E-06	5.16E-06	9.86E-08	2.38E-06	9.64E-08	2.58E-06
1558	494911.06, 3858651.99	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.90E-06	8.77E-06	5.07E-06	9.69E-08	2.34E-06	9.47E-08	2.53E-06
1559	494961.06, 3858651.99	5.53E-06	1.67E-05	9.67E-06	1.85E-07	4.46E-06	1.81E-07	4.83E-06	2.86E-06	8.62E-06	4.99E-06	9.53E-08	2.30E-06	9.32E-08	2.49E-06
1560	495011.06, 3858651.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.19E-08	2.46E-06
1561	495061.06, 3858651.99	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.33E-06	1.75E-07	4.69E-06	2.77E-06	8.38E-06	4.85E-06	9.27E-08	2.24E-06	9.05E-08	2.42E-06
1562	495111.06, 3858651.99	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.73E-06	8.23E-06	4.77E-06	9.11E-08	2.20E-06	8.90E-08	2.38E-06
1563	495161.06, 3858651.99	5.22E-06	1.57E-05	9.12E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	2.69E-06	8.14E-06	4.71E-06	9.00E-08	2.17E-06	8.79E-08	2.35E-06
1564	495211.06, 3858651.99	5.14E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.66E-06	8.02E-06	4.64E-06	8.87E-08	2.14E-06	8.67E-08	2.32E-06
1565	495261.06, 3858651.99	5.11E-06	1.54E-05	8.94E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.64E-06	7.98E-06	4.62E-06	8.82E-08	2.13E-06	8.62E-08	2.31E-06
1566	495311.06, 3858651.99	5.05E-06	1.52E-05	8.83E-06	1.69E-07	4.07E-06	1.65E-07	4.41E-06	2.61E-06	7.88E-06	4.56E-06	8.72E-08	2.11E-06	8.52E-08	2.28E-06
1567	495361.06, 3858651.99	5.02E-06	1.52E-05	8.78E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06	2.60E-06	7.84E-06	4.54E-06	8.67E-08	2.09E-06	8.47E-08	2.27E-06
1568	495411.06, 3858651.99	5.00E-06	1.51E-05	8.74E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.58E-06	7.80E-06	4.52E-06	8.63E-08	2.09E-06	8.43E-08	2.26E-06
1569	495461.06, 3858651.99	4.98E-06	1.50E-05	8.70E-06	1.66E-07	4.02E-06	1.62E-07	4.35E-06	2.58E-06	7.78E-06	4.50E-06	8.60E-08	2.08E-06	8.41E-08	2.25E-06
1570	495511.06, 3858651.99	4.94E-06	1.49E-05	8.63E-06	1.65E-07	3.98E-06	1.61E-07	4.31E-06	2.55E-06	7.71E-06	4.46E-06	8.53E-08	2.06E-06	8.33E-08	2.23E-06
1571	495561.06, 3858651.99	4.90E-06	1.48E-05	8.56E-06	1.64E-07	3.95E-06	1.60E-07	4.27E-06	2.53E-06	7.65E-06	4.43E-06	8.46E-08	2.04E-06	8.27E-08	2.21E-06
1572	495611.06, 3858651.99	4.85E-06	1.46E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.51E-06	7.58E-06	4.39E-06	8.38E-08	2.02E-06	8.19E-08	2.19E-06
1573	495661.06, 3858651.99	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.58E-07	4.21E-06	2.50E-06	7.55E-06	4.37E-06	8.34E-08	2.02E-06	8.15E-08	2.18E-06
1574	494311.06, 3858701.99	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.11E-06	9.40E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
1575	494361.06, 3858701.99	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.08E-06	2.05E-07	5.49E-06	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
1576	494411.06, 3858701.99	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.59E-06	3.30E-06	9.96E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1577	494461.06, 3858701.99	6.37E-06	1.92E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.28E-06	9.91E-06	5.74E-06	1.10E-07	2.65E-06	1.07E-07	2.86E-06
1578	494511.06, 3858701.99	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
1579	494561.06, 3858701.99	6.27E-06	1.89E-05	1.10E-05	2.10E-07	5.06E-06	2.05E-07	5.48E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06
1580	494611.06, 3858701.99	6.17E-06	1.86E-05	1.08E-05	2.06E-07	4.98E-06	2.01E-07	5.39E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1581	494661.06, 3858701.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.76E-06
1582	494711.06, 3858701.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.94E-07	5.20E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1583	494761.06, 3858701.99	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06	3.08E-06	9.30E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
1584	494811.06, 3858701.99	5.88E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.13E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.45E-06	9.89E-08	2.65E-06
1585	494861.06, 3858701.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	2.99E-06	9.02E-06	5.22E-06	9.98E-08	2.41E-06	9.75E-08	2.61E-06
1586	494911.06, 3858701.99	5.72E-06	1.73E-05	9.99E-06	1.91E-07	4.61E-06	1.87E-07	4.99E-06	2.95E-06	8.91E-06	5.16E-06	9.85E-08	2.38E-06	9.63E-08	2.57E-06
1587	494961.06, 3858701.99	5.59E-06	1.69E-05	9.77E-06	1.87E-07	4.51E-06	1.82E-07	4.88E-06	2.88E-06	8.71E-06	5.04E-06	9.63E-08	2.33E-06	9.41E-08	2.52E-06
1588	495011.06, 3858701.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06
1589	495061.06, 3858701.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.82E-06	8.50E-06	4.92E-06	9.41E-08	2.27E-06	9.19E-08	2.46E-06
1590	495111.06, 3858701.99	5.35E-06	1.61E-05	9.35E-06	1.79E-07	4.31E-06	1.75E-07	4.67E-06	2.76E-06	8.34E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
1591	495161.06, 3858701.99	5.29E-06	1.60E-05	9.25E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.74E-06	8.26E-06	4.78E-06	9.14E-08	2.21E-06	8.93E-08	2.39E-06
1592	495211.06, 3858701.99	5.22E-06	1.58E-05	9.13E-06	1.74E-07	4.21E-06	1.70E-07	4.56E-06	2.70E-06	8.15E-06	4.72E-06	9.01E-08	2.18E-06	8.81E-08	2.36E-06
1593	495261.06, 3858701.99	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.68E-06	8.10E-06	4.69E-06	8.96E-08	2.17E-06	8.76E-08	2.34E-06
1594	495311.06, 3858701.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.51E-06	2.67E-06	8.06E-06	4.67E-06	8.91E-08	2.15E-06	8.71E-08	2.33E-06
1595	495361.06, 3858701.99	5.12E-06	1.55E-05	8.96E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.65E-06	8.00E-06	4.63E-06	8.85E-08	2.14E-06	8.65E-08	2.31E-06
1596	495411.06, 3858701.99	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.64E-06	7.97E-06	4.62E-06	8.82E-08	2.13E-06	8.62E-08	2.30E-06
1597	495461.06, 3858701.99	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.63E-06	7.93E-06	4.59E-06	8.77E-08	2.12E-06	8.57E-08	2.29E-06
1598	495511.06, 3858701.99	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.07E-06	1.64E-07	4.40E-06	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06
1599	495561.06, 3858701.99	4.99E-06	1.51E-05	8.73E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.58E-06	7.80E-06	4.52E-06	8.63E-08	2.08E-06	8.43E-08	2.25E-06
1600	495611.06, 3858701.99	4.95E-06	1.50E-05	8.65E-06	1.65E-07	3.99E-06	1.62E-07	4.32E-06	2.56E-06	7.74E-06	4.48E-06	8.56E-08	2.07E-06	8.36E-08	2.24E-06
1601	495661.06, 3858701.99	4.92E-06	1.49E-05	8.60E-06	1.64E-07	3.97E-06	1.61E-07	4.29E-06	2.55E-06	7.69E-06	4.45E-06	8.50E-08	2.05E-06	8.31E-08	2.22E-06
1602	494311.06, 3858751.99	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
1603	494361.06, 3858751.99	6.42E-06	1.94E-05	1.12E-05	2.15E-07	5.18E-06	2.10E-07	5.61E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1604	494411.06, 3858751.99	6.49E-06	1.96E-05	1.13E-05	2.17E-07	5.23E-06	2.12E-07	5.66E-06	3.34E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1605	494461.06, 3858751.99	6.45E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.11E-07	5.63E-06	3.33E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06
1606	494511.06, 3858751.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.31E-06	9.99E-06	5.78E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1607	494561.06, 3858751.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.13E-06	2.07E-07	5.55E-06	3.28E-06	9.89E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
1608	494611.06, 3858751.99	6.27E-06	1.89E-05	1.10E-05	2.09E-07	5.06E-06	2.05E-07	5.47E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06

1609	494661.06, 3858751.99	6.21E-06	1.88E-05	1.09E-05	2.08E-07	5.01E-06	2.03E-07	5.42E-06	3.21E-06	9.68E-06	5.60E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
1610	494711.06, 3858751.99	6.10E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.33E-06	3.15E-06	9.51E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1611	494761.06, 3858751.99	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
1612	494811.06, 3858751.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.07E-06	9.26E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.68E-06
1613	494861.06, 3858751.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
1614	494911.06, 3858751.99	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.01E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
1615	494961.06, 3858751.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1616	495011.06, 3858751.99	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.90E-06	8.75E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
1617	495061.06, 3858751.99	5.53E-06	1.67E-05	9.66E-06	1.85E-07	4.46E-06	1.80E-07	4.82E-06	2.86E-06	8.62E-06	4.99E-06	9.54E-08	2.30E-06	9.32E-08	2.49E-06
1618	495111.06, 3858751.99	5.43E-06	1.64E-05	9.50E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.81E-06	8.48E-06	4.91E-06	9.38E-08	2.27E-06	9.17E-08	2.45E-06
1619	495161.06, 3858751.99	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.34E-06	1.75E-07	4.69E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.42E-06
1620	495211.06, 3858751.99	5.30E-06	1.60E-05	9.27E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06	2.74E-06	8.28E-06	4.79E-06	9.15E-08	2.21E-06	8.95E-08	2.39E-06
1621	495261.06, 3858751.99	5.27E-06	1.59E-05	9.21E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.72E-06	8.23E-06	4.76E-06	9.10E-08	2.20E-06	8.89E-08	2.38E-06
1622	495311.06, 3858751.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.71E-06	8.18E-06	4.74E-06	9.05E-08	2.19E-06	8.84E-08	2.36E-06
1623	495361.06, 3858751.99	5.21E-06	1.57E-05	9.10E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	2.69E-06	8.13E-06	4.71E-06	8.99E-08	2.17E-06	8.79E-08	2.35E-06
1624	495411.06, 3858751.99	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.68E-06	8.10E-06	4.69E-06	8.96E-08	2.17E-06	8.76E-08	2.34E-06
1625	495461.06, 3858751.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.67E-06	8.06E-06	4.67E-06	8.92E-08	2.15E-06	8.71E-08	2.33E-06
1626	495511.06, 3858751.99	5.12E-06	1.55E-05	8.95E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.65E-06	8.00E-06	4.63E-06	8.84E-08	2.14E-06	8.64E-08	2.31E-06
1627	495561.06, 3858751.99	5.08E-06	1.53E-05	8.87E-06	1.70E-07	4.09E-06	1.66E-07	4.43E-06	2.63E-06	7.93E-06	4.59E-06	8.77E-08	2.12E-06	8.57E-08	2.29E-06
1628	495611.06, 3858751.99	5.03E-06	1.52E-05	8.79E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.60E-06	7.86E-06	4.55E-06	8.69E-08	2.10E-06	8.49E-08	2.27E-06
1629	495661.06, 3858751.99	5.00E-06	1.51E-05	8.73E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.59E-06	7.81E-06	4.52E-06	8.63E-08	2.09E-06	8.44E-08	2.26E-06
1630	494311.06, 3858801.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.27E-06	9.86E-06	5.71E-06	1.09E-07	2.63E-06	1.07E-07	2.85E-06
1631	494361.06, 3858801.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.36E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.94E-06
1632	494411.06, 3858801.99	6.53E-06	1.97E-05	1.14E-05	2.18E-07	5.27E-06	2.13E-07	5.70E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1633	494461.06, 3858801.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.36E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1634	494511.06, 3858801.99	6.48E-06	1.96E-05	1.13E-05	2.17E-07	5.23E-06	2.12E-07	5.66E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1635	494561.06, 3858801.99	6.44E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.62E-06	3.32E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06
1636	494611.06, 3858801.99	6.38E-06	1.93E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.29E-06	9.94E-06	5.75E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06
1637	494661.06, 3858801.99	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.49E-06	3.25E-06	9.81E-06	5.68E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
1638	494711.06, 3858801.99	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.20E-06	9.67E-06	5.60E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1639	494761.06, 3858801.99	6.09E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.32E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1640	494811.06, 3858801.99	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1641	494861.06, 3858801.99	5.91E-06	1.79E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.05E-06	9.22E-06	5.34E-06	1.02E-07	2.46E-06	9.97E-08	2.67E-06
1642	494911.06, 3858801.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06	3.01E-06	9.08E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06
1643	494961.06, 3858801.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
1644	495011.06, 3858801.99	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.57E-06	1.85E-07	4.94E-06	2.93E-06	8.83E-06	5.11E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1645	495061.06, 3858801.99	5.60E-06	1.69E-05	9.79E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.89E-06	8.74E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
1646	495111.06, 3858801.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.79E-07	4.80E-06	2.84E-06	8.59E-06	4.97E-06	9.50E-08	2.29E-06	9.28E-08	2.48E-06
1647	495161.06, 3858801.99	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.81E-06	8.47E-06	4.91E-06	9.37E-08	2.26E-06	9.16E-08	2.45E-06
1648	495211.06, 3858801.99	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.33E-06	1.75E-07	4.69E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.43E-06
1649	495261.06, 3858801.99	5.35E-06	1.61E-05	9.34E-06	1.78E-07	4.31E-06	1.74E-07	4.66E-06	2.77E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
1650	495311.06, 3858801.99	5.32E-06	1.61E-05	9.29E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.75E-06	8.31E-06	4.81E-06	9.19E-08	2.22E-06	8.98E-08	2.40E-06
1651	495361.06, 3858801.99	5.28E-06	1.60E-05	9.24E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.73E-06	8.26E-06	4.78E-06	9.13E-08	2.21E-06	8.92E-08	2.39E-06
1652	495411.06, 3858801.99	5.28E-06	1.59E-05	9.22E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.73E-06	8.24E-06	4.77E-06	9.12E-08	2.20E-06	8.91E-08	2.38E-06
1653	495461.06, 3858801.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.71E-06	8.19E-06	4.74E-06	9.06E-08	2.19E-06	8.85E-08	2.37E-06
1654	495511.06, 3858801.99	5.19E-06	1.57E-05	9.08E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.69E-06	8.12E-06	4.70E-06	8.98E-08	2.17E-06	8.77E-08	2.35E-06
1655	495561.06, 3858801.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.67E-06	8.06E-06	4.67E-06	8.92E-08	2.15E-06	8.71E-08	2.33E-06
1656	495611.06, 3858801.99	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.64E-06	7.98E-06	4.62E-06	8.83E-08	2.13E-06	8.63E-08	2.31E-06
1657	495661.06, 3858801.99	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.63E-06	7.94E-06	4.60E-06	8.78E-08	2.12E-06	8.58E-08	2.29E-06
1658	494311.06, 3858851.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.41E-06	1.03E-05	5.95E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
1659	494361.06, 3858851.99	6.66E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.81E-06	3.44E-06	1.04E-05	6.01E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1660	494411.06, 3858851.99	6.61E-06	2.00E-05	1.16E-05	2.21E-07	5.33E-06	2.16E-07	5.77E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
1661	494461.06, 3858851.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.97E-06
1662	494511.06, 3858851.99	6.53E-06	1.97E-05	1.14E-05	2.18E-07	5.27E-06	2.13E-07	5.70E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
1663	494561.06, 3858851.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.11E-07	5.65E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1664	494611.06, 3858851.99	6.41E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.60E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1665	494661.06, 3858851.99	6.34E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06	3.28E-06	9.89E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
1666	494711.06, 3858851.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06	3.22E-06	9.73E-06	5.63E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06
1667	494761.06, 3858851.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.17E-06	9.58E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06
1668	494811.06, 3858851.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.13E-06	9.44E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06
1669	494861.06, 3858851.99	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1670	494911.06, 3858851.99	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.92E-07	5.15E-06	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06

1671	494961.06, 3858851.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06	3.01E-06	9.08E-06	5.26E-06	1.00E-07	2.43E-06	9.82E-08	2.62E-06
1672	495011.06, 3858851.99	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	2.97E-06	8.97E-06	5.20E-06	9.93E-08	2.40E-06	9.70E-08	2.59E-06
1673	495061.06, 3858851.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.93E-06	8.85E-06	5.13E-06	9.79E-08	2.37E-06	9.57E-08	2.56E-06
1674	495111.06, 3858851.99	5.54E-06	1.67E-05	9.69E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06
1675	495161.06, 3858851.99	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.79E-07	4.77E-06	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06
1676	495211.06, 3858851.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.82E-06	8.52E-06	4.93E-06	9.42E-08	2.28E-06	9.21E-08	2.46E-06
1677	495261.06, 3858851.99	5.42E-06	1.64E-05	9.48E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.81E-06	8.47E-06	4.90E-06	9.37E-08	2.26E-06	9.16E-08	2.45E-06
1678	495311.06, 3858851.99	5.40E-06	1.63E-05	9.44E-06	1.80E-07	4.35E-06	1.76E-07	4.71E-06	2.79E-06	8.44E-06	4.88E-06	9.33E-08	2.25E-06	9.12E-08	2.44E-06
1679	495361.06, 3858851.99	5.37E-06	1.62E-05	9.39E-06	1.79E-07	4.33E-06	1.75E-07	4.69E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.43E-06
1680	495411.06, 3858851.99	5.34E-06	1.61E-05	9.33E-06	1.78E-07	4.31E-06	1.74E-07	4.66E-06	2.76E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
1681	495461.06, 3858851.99	5.31E-06	1.60E-05	9.29E-06	1.77E-07	4.29E-06	1.73E-07	4.64E-06	2.75E-06	8.30E-06	4.81E-06	9.18E-08	2.22E-06	8.97E-08	2.40E-06
1682	495511.06, 3858851.99	5.29E-06	1.60E-05	9.25E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.74E-06	8.27E-06	4.79E-06	9.14E-08	2.21E-06	8.94E-08	2.39E-06
1683	495561.06, 3858851.99	5.22E-06	1.58E-05	9.12E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	2.70E-06	8.16E-06	4.72E-06	9.02E-08	2.18E-06	8.81E-08	2.36E-06
1684	495611.06, 3858851.99	5.17E-06	1.56E-05	9.03E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.73E-08	2.33E-06
1685	495661.06, 3858851.99	5.15E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.66E-06	8.05E-06	4.66E-06	8.90E-08	2.15E-06	8.69E-08	2.33E-06
1686	494311.06, 3858901.99	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.40E-06	2.18E-07	5.84E-06	3.46E-06	1.04E-05	6.05E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
1687	494361.06, 3858901.99	6.72E-06	2.03E-05	1.17E-05	2.24E-07	5.42E-06	2.19E-07	5.86E-06	3.47E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1688	494411.06, 3858901.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.45E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.01E-06
1689	494461.06, 3858901.99	6.64E-06	2.00E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.79E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1690	494511.06, 3858901.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
1691	494561.06, 3858901.99	6.53E-06	1.97E-05	1.14E-05	2.18E-07	5.27E-06	2.13E-07	5.70E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
1692	494611.06, 3858901.99	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.19E-06	2.10E-07	5.62E-06	3.33E-06	1.01E-05	5.82E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1693	494661.06, 3858901.99	6.38E-06	1.93E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.30E-06	9.96E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1694	494711.06, 3858901.99	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.48E-06	3.25E-06	9.82E-06	5.68E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
1695	494761.06, 3858901.99	6.18E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06	3.20E-06	9.66E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1696	494811.06, 3858901.99	6.11E-06	1.84E-05	1.07E-05	2.04E-07	4.93E-06	1.99E-07	5.33E-06	3.16E-06	9.54E-06	5.52E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1697	494861.06, 3858901.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.13E-06	9.44E-06	5.47E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06
1698	494911.06, 3858901.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1699	494961.06, 3858901.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.92E-07	5.12E-06	3.04E-06	9.17E-06	5.31E-06	1.01E-07	2.45E-06	9.91E-08	2.65E-06
1700	495011.06, 3858901.99	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
1701	495061.06, 3858901.99	5.71E-06	1.72E-05	9.97E-06	1.91E-07	4.60E-06	1.86E-07	4.98E-06	2.95E-06	8.92E-06	5.16E-06	9.86E-08	2.38E-06	9.64E-08	2.58E-06
1702	495111.06, 3858901.99	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.89E-06	8.73E-06	5.05E-06	9.65E-08	2.33E-06	9.43E-08	2.52E-06
1703	495161.06, 3858901.99	5.53E-06	1.67E-05	9.67E-06	1.85E-07	4.46E-06	1.80E-07	4.83E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1704	495211.06, 3858901.99	5.53E-06	1.67E-05	9.66E-06	1.85E-07	4.46E-06	1.80E-07	4.82E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1705	495261.06, 3858901.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.49E-06
1706	495311.06, 3858901.99	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.78E-07	4.77E-06	2.83E-06	8.55E-06	4.95E-06	9.46E-08	2.28E-06	9.24E-08	2.47E-06
1707	495361.06, 3858901.99	5.44E-06	1.64E-05	9.51E-06	1.82E-07	4.39E-06	1.77E-07	4.75E-06	2.82E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.19E-08	2.46E-06
1708	495411.06, 3858901.99	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.81E-06	8.47E-06	4.90E-06	9.37E-08	2.26E-06	9.15E-08	2.45E-06
1709	495461.06, 3858901.99	5.38E-06	1.62E-05	9.41E-06	1.80E-07	4.34E-06	1.76E-07	4.70E-06	2.79E-06	8.41E-06	4.87E-06	9.31E-08	2.25E-06	9.09E-08	2.43E-06
1710	495511.06, 3858901.99	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.76E-06	8.34E-06	4.83E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06
1711	495561.06, 3858901.99	5.29E-06	1.60E-05	9.25E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.74E-06	8.28E-06	4.79E-06	9.15E-08	2.21E-06	8.94E-08	2.39E-06
1712	495611.06, 3858901.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.71E-06	8.19E-06	4.74E-06	9.06E-08	2.19E-06	8.86E-08	2.37E-06
1713	495661.06, 3858901.99	5.23E-06	1.58E-05	9.14E-06	1.75E-07	4.22E-06	1.71E-07	4.56E-06	2.71E-06	8.17E-06	4.73E-06	9.04E-08	2.18E-06	8.83E-08	2.36E-06
1714	494311.06, 3858951.99	6.80E-06	2.05E-05	1.19E-05	2.27E-07	5.49E-06	2.22E-07	5.93E-06	3.52E-06	1.06E-05	6.15E-06	1.18E-07	2.84E-06	1.15E-07	3.07E-06
1715	494361.06, 3858951.99	6.77E-06	2.05E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.91E-06	3.51E-06	1.06E-05	6.13E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
1716	494411.06, 3858951.99	6.72E-06	2.03E-05	1.17E-05	2.24E-07	5.42E-06	2.19E-07	5.86E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1717	494461.06, 3858951.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.38E-06	2.18E-07	5.83E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
1718	494511.06, 3858951.99	6.63E-06	2.00E-05	1.16E-05	2.21E-07	5.35E-06	2.16E-07	5.78E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1719	494561.06, 3858951.99	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.73E-06	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.97E-06
1720	494611.06, 3858951.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.12E-07	5.66E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1721	494661.06, 3858951.99	6.41E-06	1.93E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.59E-06	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06
1722	494711.06, 3858951.99	6.31E-06	1.91E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.51E-06	3.27E-06	9.87E-06	5.71E-06	1.09E-07	2.64E-06	1.07E-07	2.85E-06
1723	494761.06, 3858951.99	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.03E-07	5.44E-06	3.23E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
1724	494811.06, 3858951.99	6.17E-06	1.86E-05	1.08E-05	2.06E-07	4.98E-06	2.01E-07	5.39E-06	3.20E-06	9.65E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1725	494861.06, 3858951.99	6.10E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.33E-06	3.16E-06	9.54E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.76E-06
1726	494911.06, 3858951.99	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06	3.12E-06	9.41E-06	5.45E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
1727	494961.06, 3858951.99	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.21E-06	3.09E-06	9.32E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
1728	495011.06, 3858951.99	5.84E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.91E-07	5.10E-06	3.02E-06	9.13E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
1729	495061.06, 3858951.99	5.72E-06	1.73E-05	1.00E-05	1.91E-07	4.61E-06	1.87E-07	4.99E-06	2.96E-06	8.94E-06	5.18E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06
1730	495111.06, 3858951.99	5.62E-06	1.70E-05	9.83E-06	1.88E-07	4.53E-06	1.83E-07	4.91E-06	2.91E-06	8.79E-06	5.09E-06	9.72E-08	2.35E-06	9.50E-08	2.54E-06
1731	495161.06, 3858951.99	5.63E-06	1.70E-05	9.85E-06	1.88E-07	4.54E-06	1.84E-07	4.92E-06	2.92E-06	8.81E-06	5.10E-06	9.74E-08	2.35E-06	9.52E-08	2.55E-06
1732	495211.06, 3858951.99	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.90E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.53E-06

1733	495261.06, 3858951.99	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.89E-06	8.73E-06	5.05E-06	9.65E-08	2.33E-06	9.43E-08	2.52E-06
1734	495311.06, 3858951.99	5.53E-06	1.67E-05	9.66E-06	1.84E-07	4.46E-06	1.80E-07	4.82E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
1735	495361.06, 3858951.99	5.51E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.85E-06	8.61E-06	4.99E-06	9.52E-08	2.30E-06	9.31E-08	2.49E-06
1736	495411.06, 3858951.99	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	2.84E-06	8.59E-06	4.97E-06	9.50E-08	2.29E-06	9.28E-08	2.48E-06
1737	495461.06, 3858951.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.83E-06	8.53E-06	4.94E-06	9.44E-08	2.28E-06	9.22E-08	2.47E-06
1738	495511.06, 3858951.99	5.44E-06	1.64E-05	9.50E-06	1.82E-07	4.39E-06	1.77E-07	4.74E-06	2.82E-06	8.50E-06	4.92E-06	9.41E-08	2.27E-06	9.19E-08	2.46E-06
1739	495561.06, 3858951.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.78E-06	8.40E-06	4.86E-06	9.29E-08	2.24E-06	9.07E-08	2.43E-06
1740	495611.06, 3858951.99	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.76E-06	8.33E-06	4.82E-06	9.21E-08	2.22E-06	9.00E-08	2.41E-06
1741	495661.06, 3858951.99	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.76E-06	8.32E-06	4.82E-06	9.20E-08	2.22E-06	8.99E-08	2.40E-06
1742	494311.06, 3859001.99	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.53E-06	2.24E-07	5.98E-06	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.86E-06	1.16E-07	3.10E-06
1743	494361.06, 3859001.99	6.81E-06	2.06E-05	1.19E-05	2.27E-07	5.49E-06	2.22E-07	5.94E-06	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06
1744	494411.06, 3859001.99	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.20E-07	5.90E-06	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
1745	494461.06, 3859001.99	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1746	494511.06, 3859001.99	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
1747	494561.06, 3859001.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
1748	494611.06, 3859001.99	6.51E-06	1.97E-05	1.14E-05	2.17E-07	5.25E-06	2.13E-07	5.68E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
1749	494661.06, 3859001.99	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.61E-06	3.33E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1750	494711.06, 3859001.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06	3.29E-06	9.93E-06	5.75E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06
1751	494761.06, 3859001.99	6.28E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.48E-06	3.25E-06	9.83E-06	5.69E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
1752	494811.06, 3859001.99	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.03E-07	5.44E-06	3.23E-06	9.75E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
1753	494861.06, 3859001.99	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.37E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.57E-06	1.04E-07	2.78E-06
1754	494911.06, 3859001.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1755	494961.06, 3859001.99	6.01E-06	1.81E-05	1.05E-05	2.01E-07	4.84E-06	1.96E-07	5.24E-06	3.11E-06	9.40E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
1756	495011.06, 3859001.99	5.83E-06	1.76E-05	1.02E-05	1.95E-07	4.70E-06	1.90E-07	5.09E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
1757	495061.06, 3859001.99	5.78E-06	1.74E-05	1.01E-05	1.93E-07	4.66E-06	1.89E-07	5.04E-06	2.99E-06	9.04E-06	5.23E-06	1.00E-07	2.42E-06	9.77E-08	2.61E-06
1758	495111.06, 3859001.99	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	2.95E-06	8.90E-06	5.15E-06	9.84E-08	2.38E-06	9.62E-08	2.57E-06
1759	495161.06, 3859001.99	5.72E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.97E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.68E-08	2.59E-06
1760	495211.06, 3859001.99	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06	2.95E-06	8.90E-06	5.15E-06	9.85E-08	2.38E-06	9.62E-08	2.57E-06
1761	495261.06, 3859001.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.94E-06	8.87E-06	5.13E-06	9.81E-08	2.37E-06	9.58E-08	2.56E-06
1762	495311.06, 3859001.99	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.92E-06	8.81E-06	5.10E-06	9.74E-08	2.35E-06	9.52E-08	2.55E-06
1763	495361.06, 3859001.99	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.90E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.53E-06
1764	495411.06, 3859001.99	5.58E-06	1.68E-05	9.75E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.89E-06	8.73E-06	5.05E-06	9.65E-08	2.33E-06	9.43E-08	2.52E-06
1765	495461.06, 3859001.99	5.55E-06	1.68E-05	9.71E-06	1.85E-07	4.48E-06	1.81E-07	4.85E-06	2.88E-06	8.69E-06	5.03E-06	9.61E-08	2.32E-06	9.39E-08	2.51E-06
1766	495511.06, 3859001.99	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	2.85E-06	8.59E-06	4.97E-06	9.50E-08	2.30E-06	9.29E-08	2.48E-06
1767	495561.06, 3859001.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.83E-06	8.54E-06	4.94E-06	9.44E-08	2.28E-06	9.23E-08	2.47E-06
1768	495611.06, 3859001.99	5.42E-06	1.64E-05	9.48E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.81E-06	8.48E-06	4.91E-06	9.38E-08	2.27E-06	9.17E-08	2.45E-06
1769	495661.06, 3859001.99	5.44E-06	1.64E-05	9.51E-06	1.82E-07	4.39E-06	1.78E-07	4.75E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06
1770	494311.06, 3859051.99	6.88E-06	2.08E-05	1.20E-05	2.30E-07	5.55E-06	2.24E-07	6.00E-06	3.57E-06	1.08E-05	6.24E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06
1771	494361.06, 3859051.99	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.55E-06	1.07E-05	6.20E-06	1.18E-07	2.86E-06	1.16E-07	3.10E-06
1772	494411.06, 3859051.99	6.77E-06	2.04E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.91E-06	3.52E-06	1.06E-05	6.15E-06	1.17E-07	2.84E-06	1.15E-07	3.07E-06
1773	494461.06, 3859051.99	6.71E-06	2.03E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.86E-06	3.49E-06	1.05E-05	6.09E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
1774	494511.06, 3859051.99	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
1775	494561.06, 3859051.99	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.75E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
1776	494611.06, 3859051.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
1777	494661.06, 3859051.99	6.46E-06	1.95E-05	1.13E-05	2.16E-07	5.21E-06	2.11E-07	5.63E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1778	494711.06, 3859051.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.58E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1779	494761.06, 3859051.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.28E-06	9.91E-06	5.73E-06	1.10E-07	2.65E-06	1.07E-07	2.86E-06
1780	494811.06, 3859051.99	6.28E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.48E-06	3.26E-06	9.83E-06	5.69E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
1781	494861.06, 3859051.99	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06	3.23E-06	9.75E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
1782	494911.06, 3859051.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.37E-06	3.19E-06	9.63E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1783	494961.06, 3859051.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.14E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1784	495011.06, 3859051.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.20E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1785	495061.06, 3859051.99	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.92E-07	5.15E-06	3.06E-06	9.23E-06	5.34E-06	1.02E-07	2.47E-06	9.97E-08	2.67E-06
1786	495111.06, 3859051.99	5.86E-06	1.77E-05	1.02E-05	1.96E-07	4.72E-06	1.91E-07	5.11E-06	3.03E-06	9.16E-06	5.30E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
1787	495161.06, 3859051.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.91E-07	5.12E-06	3.04E-06	9.18E-06	5.31E-06	1.01E-07	2.45E-06	9.92E-08	2.65E-06
1788	495211.06, 3859051.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.08E-06	3.01E-06	9.10E-06	5.27E-06	1.01E-07	2.43E-06	9.84E-08	2.63E-06
1789	495261.06, 3859051.99	5.81E-06	1.76E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.07E-06	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06
1790	495311.06, 3859051.99	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.65E-06	1.88E-07	5.03E-06	2.99E-06	9.02E-06	5.22E-06	9.98E-08	2.41E-06	9.75E-08	2.61E-06
1791	495361.06, 3859051.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	2.97E-06	8.98E-06	5.20E-06	9.93E-08	2.40E-06	9.71E-08	2.60E-06
1792	495411.06, 3859051.99	5.72E-06	1.73E-05	1.00E-05	1.91E-07	4.61E-06	1.87E-07	4.99E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
1793	495461.06, 3859051.99	5.70E-06	1.72E-05	9.96E-06	1.90E-07	4.60E-06	1.86E-07	4.97E-06	2.95E-06	8.92E-06	5.16E-06	9.86E-08	2.38E-06	9.64E-08	2.58E-06
1794	495511.06, 3859051.99	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	2.92E-06	8.82E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06

1795	495561.06, 3859051.99	5.60E-06	1.69E-05	9.78E-06	1.87E-07	4.51E-06	1.83E-07	4.88E-06	2.90E-06	8.76E-06	5.07E-06	9.68E-08	2.34E-06	9.46E-08	2.53E-06
1796	495611.06, 3859051.99	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.81E-07	4.85E-06	2.88E-06	8.70E-06	5.04E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
1797	495661.06, 3859051.99	5.59E-06	1.69E-05	9.77E-06	1.87E-07	4.51E-06	1.82E-07	4.88E-06	2.90E-06	8.74E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
1798	494311.06, 3859101.99	6.89E-06	2.08E-05	1.20E-05	2.30E-07	5.56E-06	2.25E-07	6.01E-06	3.58E-06	1.08E-05	6.26E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06
1799	494361.06, 3859101.99	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
1800	494411.06, 3859101.99	6.78E-06	2.05E-05	1.18E-05	2.26E-07	5.47E-06	2.21E-07	5.91E-06	3.53E-06	1.06E-05	6.16E-06	1.18E-07	2.84E-06	1.15E-07	3.08E-06
1801	494461.06, 3859101.99	6.72E-06	2.03E-05	1.17E-05	2.24E-07	5.42E-06	2.19E-07	5.86E-06	3.49E-06	1.06E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
1802	494511.06, 3859101.99	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.80E-06	3.46E-06	1.04E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
1803	494561.06, 3859101.99	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.75E-06	3.43E-06	1.04E-05	5.99E-06	1.14E-07	2.77E-06	1.12E-07	2.99E-06
1804	494611.06, 3859101.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06
1805	494661.06, 3859101.99	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.36E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1806	494711.06, 3859101.99	6.41E-06	1.93E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.59E-06	3.33E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06
1807	494761.06, 3859101.99	6.38E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.57E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1808	494811.06, 3859101.99	6.37E-06	1.92E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.30E-06	9.97E-06	5.77E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1809	494861.06, 3859101.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.13E-06	2.07E-07	5.55E-06	3.30E-06	9.95E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
1810	494911.06, 3859101.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.07E-07	5.52E-06	3.28E-06	9.90E-06	5.73E-06	1.10E-07	2.65E-06	1.07E-07	2.86E-06
1811	494961.06, 3859101.99	6.27E-06	1.89E-05	1.10E-05	2.09E-07	5.06E-06	2.05E-07	5.47E-06	3.25E-06	9.80E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
1812	495011.06, 3859101.99	6.17E-06	1.86E-05	1.08E-05	2.06E-07	4.98E-06	2.01E-07	5.39E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1813	495061.06, 3859101.99	6.19E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.21E-06	9.68E-06	5.60E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
1814	495111.06, 3859101.99	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06	3.19E-06	9.63E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1815	495161.06, 3859101.99	6.19E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06	3.20E-06	9.66E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
1816	495211.06, 3859101.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.18E-06	9.59E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
1817	495261.06, 3859101.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.35E-06	3.17E-06	9.57E-06	5.54E-06	1.06E-07	2.56E-06	1.03E-07	2.77E-06
1818	495311.06, 3859101.99	6.12E-06	1.85E-05	1.07E-05	2.04E-07	4.94E-06	2.00E-07	5.34E-06	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1819	495361.06, 3859101.99	6.10E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.32E-06	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1820	495411.06, 3859101.99	6.08E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1821	495461.06, 3859101.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.12E-06	9.44E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06
1822	495511.06, 3859101.99	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.96E-07	5.25E-06	3.11E-06	9.39E-06	5.44E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1823	495561.06, 3859101.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.94E-07	5.20E-06	3.08E-06	9.30E-06	5.38E-06	1.03E-07	2.48E-06	1.01E-07	2.69E-06
1824	495611.06, 3859101.99	5.92E-06	1.79E-05	1.03E-05	1.98E-07	4.77E-06	1.93E-07	5.17E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.98E-08	2.67E-06
1825	495661.06, 3859101.99	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.19E-06	3.07E-06	9.27E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1826	494311.06, 3859151.99	6.89E-06	2.08E-05	1.20E-05	2.30E-07	5.55E-06	2.25E-07	6.01E-06	3.59E-06	1.08E-05	6.27E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06
1827	494361.06, 3859151.99	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.56E-06	1.08E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.11E-06
1828	494411.06, 3859151.99	6.77E-06	2.04E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.90E-06	3.53E-06	1.06E-05	6.16E-06	1.18E-07	2.84E-06	1.15E-07	3.08E-06
1829	494461.06, 3859151.99	6.71E-06	2.03E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.49E-06	1.06E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
1830	494511.06, 3859151.99	6.64E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	3.46E-06	1.04E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
1831	494561.06, 3859151.99	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.75E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	2.99E-06
1832	494611.06, 3859151.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
1833	494661.06, 3859151.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1834	494711.06, 3859151.99	6.44E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06
1835	494761.06, 3859151.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.34E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1836	494811.06, 3859151.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1837	494861.06, 3859151.99	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.40E-06	2.19E-07	5.84E-06	3.47E-06	1.05E-05	6.06E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1838	494911.06, 3859151.99	7.20E-06	2.17E-05	1.26E-05	2.40E-07	5.80E-06	2.35E-07	6.28E-06	3.71E-06	1.12E-05	6.48E-06	1.24E-07	2.99E-06	1.21E-07	3.23E-06
1839	494961.06, 3859151.99	7.08E-06	2.14E-05	1.24E-05	2.37E-07	5.71E-06	2.31E-07	6.18E-06	3.65E-06	1.10E-05	6.37E-06	1.22E-07	2.94E-06	1.19E-07	3.18E-06
1840	495011.06, 3859151.99	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.69E-06	2.30E-07	6.16E-06	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06
1841	495061.06, 3859151.99	6.95E-06	2.10E-05	1.22E-05	2.32E-07	5.61E-06	2.27E-07	6.07E-06	3.58E-06	1.08E-05	6.25E-06	1.19E-07	2.89E-06	1.17E-07	3.12E-06
1842	495111.06, 3859151.99	6.90E-06	2.08E-05	1.21E-05	2.30E-07	5.57E-06	2.25E-07	6.02E-06	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.86E-06	1.16E-07	3.10E-06
1843	495161.06, 3859151.99	6.82E-06	2.06E-05	1.19E-05	2.28E-07	5.50E-06	2.23E-07	5.95E-06	3.51E-06	1.06E-05	6.14E-06	1.17E-07	2.83E-06	1.15E-07	3.07E-06
1844	495211.06, 3859151.99	6.92E-06	2.09E-05	1.21E-05	2.31E-07	5.58E-06	2.26E-07	6.04E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.11E-06
1845	495261.06, 3859151.99	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.88E-06	3.47E-06	1.05E-05	6.06E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1846	495311.06, 3859151.99	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.81E-06	3.43E-06	1.04E-05	5.99E-06	1.14E-07	2.77E-06	1.12E-07	2.99E-06
1847	495361.06, 3859151.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.44E-06	1.04E-05	6.01E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1848	495411.06, 3859151.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
1849	495461.06, 3859151.99	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
1850	495511.06, 3859151.99	6.51E-06	1.97E-05	1.14E-05	2.17E-07	5.25E-06	2.12E-07	5.68E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06
1851	495561.06, 3859151.99	6.42E-06	1.94E-05	1.12E-05	2.15E-07	5.18E-06	2.10E-07	5.61E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
1852	495611.06, 3859151.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.26E-06	9.85E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06
1853	495661.06, 3859151.99	6.22E-06	1.88E-05	1.09E-05	2.08E-07	5.01E-06	2.03E-07	5.42E-06	3.21E-06	9.68E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
1854	494311.06, 3859201.99	6.87E-06	2.08E-05	1.20E-05	2.30E-07	5.54E-06	2.24E-07	6.00E-06	3.59E-06	1.08E-05	6.28E-06	1.20E-07	2.90E-06	1.17E-07	3.13E-06
1855	494361.06, 3859201.99	6.82E-06	2.06E-05	1.19E-05	2.28E-07	5.50E-06	2.22E-07	5.95E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.11E-06
1856	494411.06, 3859201.99	6.75E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.20E-07	5.89E-06	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06

1857	494461.06, 3859201.99	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.40E-06	2.18E-07	5.84E-06	3.49E-06	1.05E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
1858	494511.06, 3859201.99	6.63E-06	2.00E-05	1.16E-05	2.22E-07	5.35E-06	2.16E-07	5.79E-06	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
1859	494561.06, 3859201.99	6.57E-06	1.98E-05	1.15E-05	2.19E-07	5.30E-06	2.14E-07	5.73E-06	3.43E-06	1.03E-05	5.99E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
1860	494611.06, 3859201.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.97E-06
1861	494661.06, 3859201.99	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1862	494711.06, 3859201.99	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.19E-06	2.10E-07	5.62E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.71E-06	1.09E-07	2.93E-06
1863	494761.06, 3859201.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1864	494811.06, 3859201.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
1865	494861.06, 3859201.99	6.72E-06	2.03E-05	1.17E-05	2.24E-07	5.42E-06	2.19E-07	5.86E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
1866	494911.06, 3859201.99	6.51E-06	1.97E-05	1.14E-05	2.18E-07	5.25E-06	2.13E-07	5.68E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
1867	494961.06, 3859201.99	6.31E-06	1.90E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.50E-06	3.27E-06	9.88E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
1868	495011.06, 3859201.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1869	495061.06, 3859201.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.94E-06	2.00E-07	5.35E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
1870	495111.06, 3859201.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.16E-06	9.54E-06	5.52E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1871	495161.06, 3859201.99	6.04E-06	1.82E-05	1.06E-05	2.02E-07	4.87E-06	1.97E-07	5.27E-06	3.14E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1872	495211.06, 3859201.99	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.23E-06	3.11E-06	9.39E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.71E-06
1873	495261.06, 3859201.99	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.19E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1874	495311.06, 3859201.99	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.07E-06	9.27E-06	5.36E-06	1.02E-07	2.48E-06	1.00E-07	2.68E-06
1875	495361.06, 3859201.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.92E-07	5.12E-06	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
1876	495411.06, 3859201.99	5.84E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.91E-07	5.09E-06	3.03E-06	9.16E-06	5.30E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
1877	495461.06, 3859201.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.82E-08	2.63E-06
1878	495511.06, 3859201.99	5.75E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	2.99E-06	9.02E-06	5.22E-06	9.97E-08	2.41E-06	9.74E-08	2.61E-06
1879	495561.06, 3859201.99	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	2.96E-06	8.92E-06	5.17E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06
1880	495611.06, 3859201.99	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1881	495661.06, 3859201.99	5.58E-06	1.68E-05	9.75E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.90E-06	8.75E-06	5.07E-06	9.68E-08	2.34E-06	9.46E-08	2.53E-06
1882	494311.06, 3859251.99	6.86E-06	2.07E-05	1.20E-05	2.29E-07	5.53E-06	2.24E-07	5.98E-06	3.59E-06	1.08E-05	6.27E-06	1.20E-07	2.90E-06	1.17E-07	3.13E-06
1883	494361.06, 3859251.99	6.80E-06	2.05E-05	1.19E-05	2.27E-07	5.48E-06	2.22E-07	5.93E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
1884	494411.06, 3859251.99	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.88E-06	3.52E-06	1.06E-05	6.16E-06	1.18E-07	2.84E-06	1.15E-07	3.07E-06
1885	494461.06, 3859251.99	6.67E-06	2.01E-05	1.17E-05	2.23E-07	5.38E-06	2.18E-07	5.82E-06	3.49E-06	1.05E-05	6.10E-06	1.17E-07	2.81E-06	1.14E-07	3.04E-06
1886	494511.06, 3859251.99	6.60E-06	1.99E-05	1.15E-05	2.21E-07	5.33E-06	2.15E-07	5.76E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
1887	494561.06, 3859251.99	6.55E-06	1.98E-05	1.15E-05	2.19E-07	5.28E-06	2.14E-07	5.72E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
1888	494611.06, 3859251.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
1889	494661.06, 3859251.99	6.45E-06	1.95E-05	1.13E-05	2.16E-07	5.21E-06	2.11E-07	5.63E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1890	494711.06, 3859251.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1891	494761.06, 3859251.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.16E-06	2.09E-07	5.58E-06	3.33E-06	1.01E-05	5.82E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1892	494811.06, 3859251.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1893	494861.06, 3859251.99	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1894	494911.06, 3859251.99	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.61E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.69E-06	1.09E-07	2.91E-06
1895	494961.06, 3859251.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
1896	495011.06, 3859251.99	6.11E-06	1.84E-05	1.07E-05	2.04E-07	4.93E-06	1.99E-07	5.33E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
1897	495061.06, 3859251.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.15E-06	9.51E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1898	495111.06, 3859251.99	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.11E-06	9.40E-06	5.44E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
1899	495161.06, 3859251.99	5.93E-06	1.79E-05	1.04E-05	1.98E-07	4.78E-06	1.94E-07	5.18E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
1900	495211.06, 3859251.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.13E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.98E-08	2.67E-06
1901	495261.06, 3859251.99	5.84E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.90E-07	5.09E-06	3.04E-06	9.18E-06	5.31E-06	1.01E-07	2.45E-06	9.92E-08	2.65E-06
1902	495311.06, 3859251.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.85E-08	2.63E-06
1903	495361.06, 3859251.99	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.01E-06	2.99E-06	9.04E-06	5.23E-06	1.00E-07	2.42E-06	9.77E-08	2.61E-06
1904	495411.06, 3859251.99	5.71E-06	1.73E-05	9.99E-06	1.91E-07	4.61E-06	1.86E-07	4.99E-06	2.98E-06	8.99E-06	5.21E-06	9.95E-08	2.40E-06	9.72E-08	2.60E-06
1905	495461.06, 3859251.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.96E-06	8.93E-06	5.17E-06	9.87E-08	2.38E-06	9.65E-08	2.58E-06
1906	495511.06, 3859251.99	5.61E-06	1.69E-05	9.81E-06	1.87E-07	4.53E-06	1.83E-07	4.90E-06	2.93E-06	8.83E-06	5.11E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
1907	495561.06, 3859251.99	5.57E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.90E-06	8.76E-06	5.07E-06	9.69E-08	2.34E-06	9.47E-08	2.53E-06
1908	495611.06, 3859251.99	5.51E-06	1.66E-05	9.63E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.87E-06	8.67E-06	5.02E-06	9.59E-08	2.32E-06	9.37E-08	2.51E-06
1909	495661.06, 3859251.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.48E-06
1910	494311.06, 3859301.99	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.58E-06	1.08E-05	6.27E-06	1.20E-07	2.89E-06	1.17E-07	3.13E-06
1911	494361.06, 3859301.99	6.77E-06	2.04E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.91E-06	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.86E-06	1.16E-07	3.10E-06
1912	494411.06, 3859301.99	6.71E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.51E-06	1.06E-05	6.14E-06	1.17E-07	2.84E-06	1.15E-07	3.07E-06
1913	494461.06, 3859301.99	6.64E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
1914	494511.06, 3859301.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.12E-07	3.01E-06
1915	494561.06, 3859301.99	6.53E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.76E-06	1.11E-07	2.98E-06
1916	494611.06, 3859301.99	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06
1917	494661.06, 3859301.99	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.18E-06	2.10E-07	5.61E-06	3.36E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1918	494711.06, 3859301.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.57E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.69E-06	1.09E-07	2.91E-06

1919	494761.06, 3859301.99	6.38E-06	1.93E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.33E-06	1.01E-05	5.82E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1920	494811.06, 3859301.99	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.19E-06	2.10E-07	5.62E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1921	494861.06, 3859301.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.11E-07	5.65E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
1922	494911.06, 3859301.99	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.61E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1923	494961.06, 3859301.99	6.19E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06	3.22E-06	9.73E-06	5.63E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06
1924	495011.06, 3859301.99	6.07E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
1925	495061.06, 3859301.99	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.14E-06	9.49E-06	5.49E-06	1.05E-07	2.53E-06	1.03E-07	2.74E-06
1926	495111.06, 3859301.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
1927	495161.06, 3859301.99	5.88E-06	1.78E-05	1.03E-05	1.96E-07	4.75E-06	1.92E-07	5.13E-06	3.07E-06	9.27E-06	5.36E-06	1.02E-07	2.48E-06	1.00E-07	2.68E-06
1928	495211.06, 3859301.99	5.85E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.91E-07	5.10E-06	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
1929	495261.06, 3859301.99	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
1930	495311.06, 3859301.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.78E-08	2.62E-06
1931	495361.06, 3859301.99	5.70E-06	1.72E-05	9.97E-06	1.90E-07	4.60E-06	1.86E-07	4.98E-06	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.72E-08	2.60E-06
1932	495411.06, 3859301.99	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.56E-06	1.85E-07	4.94E-06	2.96E-06	8.92E-06	5.17E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06
1933	495461.06, 3859301.99	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06	2.94E-06	8.86E-06	5.13E-06	9.80E-08	2.37E-06	9.58E-08	2.56E-06
1934	495511.06, 3859301.99	5.56E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.34E-06	9.48E-08	2.54E-06
1935	495561.06, 3859301.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.87E-06	8.68E-06	5.02E-06	9.60E-08	2.32E-06	9.38E-08	2.51E-06
1936	495611.06, 3859301.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.85E-06	8.61E-06	4.98E-06	9.52E-08	2.30E-06	9.31E-08	2.49E-06
1937	495661.06, 3859301.99	5.41E-06	1.63E-05	9.45E-06	1.81E-07	4.36E-06	1.76E-07	4.72E-06	2.83E-06	8.53E-06	4.94E-06	9.43E-08	2.28E-06	9.22E-08	2.47E-06
1938	494311.06, 3859351.99	6.78E-06	2.05E-05	1.19E-05	2.27E-07	5.47E-06	2.21E-07	5.92E-06	3.57E-06	1.08E-05	6.24E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06
1939	494361.06, 3859351.99	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.87E-06	3.54E-06	1.07E-05	6.18E-06	1.18E-07	2.85E-06	1.15E-07	3.09E-06
1940	494411.06, 3859351.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.38E-06	2.18E-07	5.83E-06	3.51E-06	1.06E-05	6.13E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
1941	494461.06, 3859351.99	6.61E-06	2.00E-05	1.16E-05	2.21E-07	5.33E-06	2.16E-07	5.77E-06	3.47E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1942	494511.06, 3859351.99	6.55E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.72E-06	3.44E-06	1.04E-05	6.01E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1943	494561.06, 3859351.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
1944	494611.06, 3859351.99	6.45E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.63E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
1945	494661.06, 3859351.99	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.59E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1946	494711.06, 3859351.99	6.36E-06	1.92E-05	1.11E-05	2.12E-07	5.13E-06	2.08E-07	5.55E-06	3.33E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1947	494761.06, 3859351.99	6.34E-06	1.91E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.53E-06	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06
1948	494811.06, 3859351.99	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.59E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1949	494861.06, 3859351.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1950	494911.06, 3859351.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.60E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1951	494961.06, 3859351.99	6.21E-06	1.87E-05	1.08E-05	2.07E-07	5.01E-06	2.03E-07	5.42E-06	3.24E-06	9.78E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
1952	495011.06, 3859351.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
1953	495061.06, 3859351.99	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
1954	495111.06, 3859351.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
1955	495161.06, 3859351.99	5.88E-06	1.78E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.13E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
1956	495211.06, 3859351.99	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.70E-06	1.90E-07	5.08E-06	3.05E-06	9.19E-06	5.32E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06
1957	495261.06, 3859351.99	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.66E-06	1.88E-07	5.04E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
1958	495311.06, 3859351.99	5.72E-06	1.73E-05	1.00E-05	1.91E-07	4.61E-06	1.87E-07	4.99E-06	2.99E-06	9.03E-06	5.23E-06	9.99E-08	2.41E-06	9.76E-08	2.61E-06
1959	495361.06, 3859351.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.97E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.68E-08	2.59E-06
1960	495411.06, 3859351.99	5.62E-06	1.70E-05	9.83E-06	1.88E-07	4.53E-06	1.83E-07	4.91E-06	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.60E-08	2.57E-06
1961	495461.06, 3859351.99	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.92E-06	8.82E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
1962	495511.06, 3859351.99	5.53E-06	1.67E-05	9.66E-06	1.85E-07	4.46E-06	1.80E-07	4.82E-06	2.89E-06	8.73E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
1963	495561.06, 3859351.99	5.48E-06	1.65E-05	9.57E-06	1.83E-07	4.42E-06	1.79E-07	4.78E-06	2.87E-06	8.65E-06	5.01E-06	9.57E-08	2.31E-06	9.35E-08	2.50E-06
1964	495611.06, 3859351.99	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.28E-08	2.48E-06
1965	495661.06, 3859351.99	5.38E-06	1.62E-05	9.40E-06	1.80E-07	4.34E-06	1.75E-07	4.69E-06	2.81E-06	8.49E-06	4.92E-06	9.39E-08	2.27E-06	9.18E-08	2.45E-06
1966	494311.06, 3859401.99	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.87E-06	3.55E-06	1.07E-05	6.20E-06	1.18E-07	2.86E-06	1.16E-07	3.10E-06
1967	494361.06, 3859401.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.52E-06	1.06E-05	6.15E-06	1.17E-07	2.84E-06	1.15E-07	3.07E-06
1968	494411.06, 3859401.99	6.63E-06	2.00E-05	1.16E-05	2.22E-07	5.35E-06	2.16E-07	5.79E-06	3.49E-06	1.05E-05	6.10E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
1969	494461.06, 3859401.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
1970	494511.06, 3859401.99	6.53E-06	1.97E-05	1.14E-05	2.18E-07	5.27E-06	2.13E-07	5.70E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1971	494561.06, 3859401.99	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.11E-07	5.66E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
1972	494611.06, 3859401.99	6.43E-06	1.94E-05	1.12E-05	2.15E-07	5.19E-06	2.10E-07	5.61E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
1973	494661.06, 3859401.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.09E-07	5.58E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
1974	494711.06, 3859401.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.13E-06	2.07E-07	5.55E-06	3.34E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1975	494761.06, 3859401.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.52E-06	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06
1976	494811.06, 3859401.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.16E-06	2.09E-07	5.58E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
1977	494861.06, 3859401.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
1978	494911.06, 3859401.99	6.39E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.58E-06	3.34E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
1979	494961.06, 3859401.99	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.24E-06	9.78E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
1980	495011.06, 3859401.99	6.08E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.98E-07	5.31E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06

1981	495061.06, 3859401.99	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.24E-06	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
1982	495111.06, 3859401.99	5.92E-06	1.79E-05	1.03E-05	1.98E-07	4.77E-06	1.93E-07	5.17E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
1983	495161.06, 3859401.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.07E-06	9.26E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.68E-06
1984	495211.06, 3859401.99	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	3.04E-06	9.18E-06	5.31E-06	1.01E-07	2.45E-06	9.92E-08	2.65E-06
1985	495261.06, 3859401.99	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.01E-06	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06
1986	495311.06, 3859401.99	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06	2.98E-06	9.01E-06	5.21E-06	9.96E-08	2.41E-06	9.74E-08	2.60E-06
1987	495361.06, 3859401.99	5.65E-06	1.70E-05	9.87E-06	1.89E-07	4.55E-06	1.84E-07	4.93E-06	2.96E-06	8.94E-06	5.17E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06
1988	495411.06, 3859401.99	5.60E-06	1.69E-05	9.79E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.94E-06	8.87E-06	5.13E-06	9.81E-08	2.37E-06	9.58E-08	2.56E-06
1989	495461.06, 3859401.99	5.55E-06	1.67E-05	9.69E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.35E-06	9.49E-08	2.54E-06
1990	495511.06, 3859401.99	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	2.88E-06	8.70E-06	5.04E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
1991	495561.06, 3859401.99	5.44E-06	1.64E-05	9.50E-06	1.82E-07	4.39E-06	1.77E-07	4.74E-06	2.85E-06	8.61E-06	4.98E-06	9.52E-08	2.30E-06	9.30E-08	2.49E-06
1992	495611.06, 3859401.99	5.39E-06	1.63E-05	9.42E-06	1.80E-07	4.35E-06	1.76E-07	4.70E-06	2.83E-06	8.54E-06	4.94E-06	9.44E-08	2.28E-06	9.22E-08	2.47E-06
1993	495661.06, 3859401.99	5.35E-06	1.61E-05	9.35E-06	1.79E-07	4.31E-06	1.74E-07	4.67E-06	2.80E-06	8.47E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
1994	494311.06, 3859451.99	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06
1995	494361.06, 3859451.99	6.63E-06	2.00E-05	1.16E-05	2.22E-07	5.35E-06	2.16E-07	5.79E-06	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.82E-06	1.14E-07	3.06E-06
1996	494411.06, 3859451.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
1997	494461.06, 3859451.99	6.55E-06	1.98E-05	1.15E-05	2.19E-07	5.28E-06	2.14E-07	5.72E-06	3.45E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.01E-06
1998	494511.06, 3859451.99	6.51E-06	1.97E-05	1.14E-05	2.17E-07	5.25E-06	2.12E-07	5.68E-06	3.43E-06	1.04E-05	5.99E-06	1.15E-07	2.77E-06	1.12E-07	2.99E-06
1999	494561.06, 3859451.99	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
2000	494611.06, 3859451.99	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
2001	494661.06, 3859451.99	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.58E-06	3.37E-06	1.02E-05	5.88E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06
2002	494711.06, 3859451.99	6.36E-06	1.92E-05	1.11E-05	2.13E-07	5.13E-06	2.08E-07	5.55E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
2003	494761.06, 3859451.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06	3.34E-06	1.01E-05	5.83E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
2004	494811.06, 3859451.99	6.41E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.59E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
2005	494861.06, 3859451.99	6.44E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
2006	494911.06, 3859451.99	6.41E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.60E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.71E-06	1.09E-07	2.93E-06
2007	494961.06, 3859451.99	6.21E-06	1.87E-05	1.08E-05	2.07E-07	5.01E-06	2.03E-07	5.42E-06	3.25E-06	9.82E-06	5.69E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
2008	495011.06, 3859451.99	6.08E-06	1.83E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
2009	495061.06, 3859451.99	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.82E-06	1.95E-07	5.22E-06	3.14E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
2010	495111.06, 3859451.99	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
2011	495161.06, 3859451.99	5.83E-06	1.76E-05	1.02E-05	1.95E-07	4.70E-06	1.90E-07	5.09E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.99E-08	2.67E-06
2012	495211.06, 3859451.99	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.65E-06	1.88E-07	5.03E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.64E-06
2013	495261.06, 3859451.99	5.72E-06	1.73E-05	9.99E-06	1.91E-07	4.61E-06	1.87E-07	4.99E-06	3.00E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.80E-08	2.62E-06
2014	495311.06, 3859451.99	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.56E-06	1.85E-07	4.94E-06	2.97E-06	8.98E-06	5.20E-06	9.93E-08	2.40E-06	9.70E-08	2.59E-06
2015	495361.06, 3859451.99	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.90E-06	2.95E-06	8.90E-06	5.15E-06	9.84E-08	2.38E-06	9.62E-08	2.57E-06
2016	495411.06, 3859451.99	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.81E-07	4.85E-06	2.92E-06	8.82E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
2017	495461.06, 3859451.99	5.51E-06	1.66E-05	9.63E-06	1.84E-07	4.44E-06	1.80E-07	4.81E-06	2.90E-06	8.74E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
2018	495511.06, 3859451.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.87E-06	8.65E-06	5.01E-06	9.57E-08	2.31E-06	9.35E-08	2.50E-06
2019	495561.06, 3859451.99	5.41E-06	1.63E-05	9.45E-06	1.81E-07	4.36E-06	1.76E-07	4.72E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06
2020	495611.06, 3859451.99	5.36E-06	1.62E-05	9.36E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06	2.81E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.19E-08	2.46E-06
2021	495661.06, 3859451.99	5.31E-06	1.60E-05	9.29E-06	1.77E-07	4.28E-06	1.73E-07	4.64E-06	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06
2022	494311.06, 3859501.99	6.62E-06	2.00E-05	1.16E-05	2.21E-07	5.34E-06	2.16E-07	5.78E-06	3.51E-06	1.06E-05	6.13E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
2023	494361.06, 3859501.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.49E-06	1.05E-05	6.10E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
2024	494411.06, 3859501.99	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
2025	494461.06, 3859501.99	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06	3.48E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
2026	494511.06, 3859501.99	6.57E-06	1.98E-05	1.15E-05	2.19E-07	5.30E-06	2.14E-07	5.73E-06	3.47E-06	1.05E-05	6.06E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
2027	494561.06, 3859501.99	6.57E-06	1.98E-05	1.15E-05	2.20E-07	5.30E-06	2.14E-07	5.74E-06	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
2028	494611.06, 3859501.99	6.57E-06	1.98E-05	1.15E-05	2.19E-07	5.30E-06	2.14E-07	5.74E-06	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
2029	494661.06, 3859501.99	6.55E-06	1.98E-05	1.14E-05	2.19E-07	5.28E-06	2.14E-07	5.71E-06	3.45E-06	1.04E-05	6.02E-06	1.15E-07	2.78E-06	1.12E-07	3.01E-06
2030	494711.06, 3859501.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.43E-06	1.03E-05	5.99E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
2031	494761.06, 3859501.99	6.51E-06	1.97E-05	1.14E-05	2.17E-07	5.25E-06	2.12E-07	5.68E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06
2032	494811.06, 3859501.99	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06
2033	494861.06, 3859501.99	6.54E-06	1.97E-05	1.14E-05	2.18E-07	5.27E-06	2.13E-07	5.70E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
2034	494911.06, 3859501.99	6.47E-06	1.95E-05	1.13E-05	2.16E-07	5.22E-06	2.11E-07	5.65E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06
2035	494961.06, 3859501.99	6.22E-06	1.88E-05	1.09E-05	2.08E-07	5.01E-06	2.03E-07	5.42E-06	3.26E-06	9.85E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06
2036	495011.06, 3859501.99	6.06E-06	1.83E-05	1.06E-05	2.03E-07	4.89E-06	1.98E-07	5.29E-06	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
2037	495061.06, 3859501.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.20E-06	3.13E-06	9.46E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
2038	495111.06, 3859501.99	5.86E-06	1.77E-05	1.02E-05	1.96E-07	4.73E-06	1.91E-07	5.12E-06	3.08E-06	9.31E-06	5.39E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
2039	495161.06, 3859501.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06
2040	495211.06, 3859501.99	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.84E-08	2.63E-06
2041	495261.06, 3859501.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	2.99E-06	9.02E-06	5.22E-06	9.97E-08	2.41E-06	9.75E-08	2.61E-06
2042	495311.06, 3859501.99	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06	2.96E-06	8.94E-06	5.17E-06	9.88E-08	2.39E-06	9.66E-08	2.58E-06

2043	495361.06, 3859501.99	5.57E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.93E-06	8.86E-06	5.13E-06	9.79E-08	2.37E-06	9.57E-08	2.56E-06
2044	495411.06, 3859501.99	5.51E-06	1.67E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.91E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.54E-06
2045	495461.06, 3859501.99	5.47E-06	1.65E-05	9.55E-06	1.83E-07	4.41E-06	1.78E-07	4.77E-06	2.88E-06	8.70E-06	5.03E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
2046	495511.06, 3859501.99	5.41E-06	1.63E-05	9.46E-06	1.81E-07	4.36E-06	1.77E-07	4.72E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.30E-08	2.49E-06
2047	495561.06, 3859501.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.83E-06	8.54E-06	4.94E-06	9.44E-08	2.28E-06	9.22E-08	2.47E-06
2048	495611.06, 3859501.99	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.14E-08	2.45E-06
2049	495661.06, 3859501.99	5.27E-06	1.59E-05	9.21E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.78E-06	8.38E-06	4.85E-06	9.27E-08	2.24E-06	9.06E-08	2.42E-06
2050	494311.06, 3859551.99	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.73E-06	3.48E-06	1.05E-05	6.09E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
2051	494361.06, 3859551.99	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.72E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
2052	494411.06, 3859551.99	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	3.51E-06	1.06E-05	6.14E-06	1.17E-07	2.83E-06	1.15E-07	3.06E-06
2053	494461.06, 3859551.99	6.89E-06	2.08E-05	1.20E-05	2.30E-07	5.56E-06	2.25E-07	6.01E-06	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06
2054	494511.06, 3859551.99	7.58E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06	3.96E-06	1.20E-05	6.92E-06	1.32E-07	3.20E-06	1.29E-07	3.46E-06
2055	494561.06, 3859551.99	7.51E-06	2.27E-05	1.31E-05	2.51E-07	6.06E-06	2.45E-07	6.56E-06	3.93E-06	1.19E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
2056	494611.06, 3859551.99	7.48E-06	2.26E-05	1.31E-05	2.50E-07	6.03E-06	2.44E-07	6.52E-06	3.91E-06	1.18E-05	6.83E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
2057	494661.06, 3859551.99	7.41E-06	2.24E-05	1.30E-05	2.47E-07	5.98E-06	2.42E-07	6.47E-06	3.87E-06	1.17E-05	6.77E-06	1.29E-07	3.12E-06	1.26E-07	3.38E-06
2058	494711.06, 3859551.99	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06	3.83E-06	1.16E-05	6.70E-06	1.28E-07	3.09E-06	1.25E-07	3.35E-06
2059	494761.06, 3859551.99	7.38E-06	2.23E-05	1.29E-05	2.47E-07	5.96E-06	2.41E-07	6.44E-06	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06
2060	494811.06, 3859551.99	7.32E-06	2.21E-05	1.28E-05	2.45E-07	5.91E-06	2.39E-07	6.39E-06	3.82E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.25E-07	3.33E-06
2061	494861.06, 3859551.99	7.05E-06	2.13E-05	1.23E-05	2.35E-07	5.68E-06	2.30E-07	6.15E-06	3.68E-06	1.11E-05	6.43E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06
2062	494911.06, 3859551.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.10E-07	5.60E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
2063	494961.06, 3859551.99	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.05E-07	2.82E-06
2064	495011.06, 3859551.99	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.96E-07	5.23E-06	3.16E-06	9.54E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.76E-06
2065	495061.06, 3859551.99	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
2066	495111.06, 3859551.99	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.99E-08	2.67E-06
2067	495161.06, 3859551.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	3.03E-06	9.14E-06	5.29E-06	1.01E-07	2.44E-06	9.88E-08	2.64E-06
2068	495211.06, 3859551.99	5.68E-06	1.72E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
2069	495261.06, 3859551.99	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
2070	495311.06, 3859551.99	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.82E-07	4.85E-06	2.94E-06	8.87E-06	5.14E-06	9.81E-08	2.37E-06	9.59E-08	2.56E-06
2071	495361.06, 3859551.99	5.51E-06	1.66E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.91E-06	8.79E-06	5.09E-06	9.73E-08	2.35E-06	9.50E-08	2.54E-06
2072	495411.06, 3859551.99	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.78E-07	4.77E-06	2.89E-06	8.72E-06	5.05E-06	9.65E-08	2.33E-06	9.43E-08	2.52E-06
2073	495461.06, 3859551.99	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
2074	495511.06, 3859551.99	5.36E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.83E-06	8.55E-06	4.95E-06	9.46E-08	2.28E-06	9.24E-08	2.47E-06
2075	495561.06, 3859551.99	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.81E-06	8.48E-06	4.91E-06	9.38E-08	2.27E-06	9.17E-08	2.45E-06
2076	495611.06, 3859551.99	5.27E-06	1.59E-05	9.22E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.78E-06	8.41E-06	4.87E-06	9.30E-08	2.25E-06	9.09E-08	2.43E-06
2077	495661.06, 3859551.99	5.23E-06	1.58E-05	9.14E-06	1.75E-07	4.22E-06	1.71E-07	4.56E-06	2.76E-06	8.33E-06	4.82E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06
2078	494311.06, 3859601.99	6.49E-06	1.96E-05	1.13E-05	2.17E-07	5.23E-06	2.12E-07	5.66E-06	3.45E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.01E-06
2079	494361.06, 3859601.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
2080	494411.06, 3859601.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.33E-06	2.15E-07	5.76E-06	3.50E-06	1.06E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
2081	494461.06, 3859601.99	6.84E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.97E-06	3.61E-06	1.09E-05	6.31E-06	1.21E-07	2.91E-06	1.18E-07	3.15E-06
2082	494511.06, 3859601.99	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06
2083	494561.06, 3859601.99	6.55E-06	1.98E-05	1.14E-05	2.19E-07	5.28E-06	2.14E-07	5.71E-06	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
2084	494611.06, 3859601.99	6.45E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.63E-06	3.41E-06	1.03E-05	5.97E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
2085	494661.06, 3859601.99	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.57E-06	3.38E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.95E-06
2086	494711.06, 3859601.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.53E-06	3.34E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
2087	494761.06, 3859601.99	6.26E-06	1.89E-05	1.09E-05	2.09E-07	5.05E-06	2.04E-07	5.46E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
2088	494811.06, 3859601.99	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.28E-06	9.90E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
2089	494861.06, 3859601.99	6.11E-06	1.85E-05	1.07E-05	2.04E-07	4.93E-06	2.00E-07	5.34E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.05E-07	2.82E-06
2090	494911.06, 3859601.99	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
2091	494961.06, 3859601.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.03E-07	2.74E-06
2092	495011.06, 3859601.99	5.86E-06	1.77E-05	1.02E-05	1.96E-07	4.73E-06	1.91E-07	5.11E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
2093	495061.06, 3859601.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.06E-06	9.25E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.67E-06
2094	495111.06, 3859601.99	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.64E-06
2095	495161.06, 3859601.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
2096	495211.06, 3859601.99	5.61E-06	1.69E-05	9.81E-06	1.87E-07	4.53E-06	1.83E-07	4.90E-06	2.97E-06	8.97E-06	5.20E-06	9.93E-08	2.40E-06	9.70E-08	2.59E-06
2097	495261.06, 3859601.99	5.56E-06	1.68E-05	9.73E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	2.95E-06	8.90E-06	5.15E-06	9.84E-08	2.38E-06	9.62E-08	2.57E-06
2098	495311.06, 3859601.99	5.52E-06	1.67E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.92E-06	8.82E-06	5.11E-06	9.76E-08	2.36E-06	9.53E-08	2.55E-06
2099	495361.06, 3859601.99	5.46E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.89E-06	8.74E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.53E-06
2100	495411.06, 3859601.99	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.87E-06	8.67E-06	5.02E-06	9.58E-08	2.32E-06	9.37E-08	2.50E-06
2101	495461.06, 3859601.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06
2102	495511.06, 3859601.99	5.31E-06	1.60E-05	9.29E-06	1.77E-07	4.28E-06	1.73E-07	4.64E-06	2.81E-06	8.49E-06	4.92E-06	9.39E-08	2.27E-06	9.18E-08	2.45E-06
2103	495561.06, 3859601.99	5.27E-06	1.59E-05	9.22E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.79E-06	8.43E-06	4.88E-06	9.33E-08	2.25E-06	9.11E-08	2.44E-06
2104	495611.06, 3859601.99	5.23E-06	1.58E-05	9.13E-06	1.74E-07	4.21E-06	1.71E-07	4.56E-06	2.77E-06	8.35E-06	4.83E-06	9.24E-08	2.23E-06	9.03E-08	2.41E-06

2105	495661.06, 3859601.99	5.18E-06	1.56E-05	9.06E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.74E-06	8.28E-06	4.79E-06	9.16E-08	2.21E-06	8.95E-08	2.39E-06
2106	494311.06, 3859651.99	6.41E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.60E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06
2107	494361.06, 3859651.99	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06
2108	494411.06, 3859651.99	6.51E-06	1.97E-05	1.14E-05	2.17E-07	5.25E-06	2.12E-07	5.68E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
2109	494461.06, 3859651.99	6.72E-06	2.03E-05	1.17E-05	2.24E-07	5.42E-06	2.19E-07	5.86E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.11E-06
2110	494511.06, 3859651.99	6.54E-06	1.98E-05	1.14E-05	2.18E-07	5.28E-06	2.13E-07	5.71E-06	3.47E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06
2111	494561.06, 3859651.99	6.35E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
2112	494611.06, 3859651.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.45E-06	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.89E-06
2113	494661.06, 3859651.99	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.37E-06	3.27E-06	9.87E-06	5.71E-06	1.09E-07	2.64E-06	1.07E-07	2.85E-06
2114	494711.06, 3859651.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06
2115	494761.06, 3859651.99	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.87E-06	1.97E-07	5.26E-06	3.21E-06	9.68E-06	5.60E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
2116	494811.06, 3859651.99	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06	3.17E-06	9.58E-06	5.54E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2117	494861.06, 3859651.99	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06
2118	494911.06, 3859651.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.10E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
2119	494961.06, 3859651.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.06E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
2120	495011.06, 3859651.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
2121	495061.06, 3859651.99	5.68E-06	1.72E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.63E-06
2122	495111.06, 3859651.99	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.99E-06	9.03E-06	5.23E-06	9.99E-08	2.41E-06	9.76E-08	2.61E-06
2123	495161.06, 3859651.99	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
2124	495211.06, 3859651.99	5.53E-06	1.67E-05	9.67E-06	1.85E-07	4.46E-06	1.81E-07	4.83E-06	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.59E-08	2.57E-06
2125	495261.06, 3859651.99	5.48E-06	1.66E-05	9.59E-06	1.83E-07	4.42E-06	1.79E-07	4.79E-06	2.91E-06	8.80E-06	5.09E-06	9.73E-08	2.35E-06	9.51E-08	2.54E-06
2126	495311.06, 3859651.99	5.44E-06	1.64E-05	9.51E-06	1.82E-07	4.39E-06	1.78E-07	4.75E-06	2.89E-06	8.73E-06	5.05E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
2127	495361.06, 3859651.99	5.40E-06	1.63E-05	9.43E-06	1.80E-07	4.35E-06	1.76E-07	4.71E-06	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06
2128	495411.06, 3859651.99	5.35E-06	1.62E-05	9.36E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06	2.85E-06	8.59E-06	4.97E-06	9.50E-08	2.29E-06	9.28E-08	2.48E-06
2129	495461.06, 3859651.99	5.31E-06	1.60E-05	9.28E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06	2.82E-06	8.51E-06	4.93E-06	9.42E-08	2.27E-06	9.20E-08	2.46E-06
2130	495511.06, 3859651.99	5.26E-06	1.59E-05	9.20E-06	1.76E-07	4.25E-06	1.72E-07	4.59E-06	2.79E-06	8.44E-06	4.88E-06	9.33E-08	2.25E-06	9.12E-08	2.44E-06
2131	495561.06, 3859651.99	5.22E-06	1.58E-05	9.12E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	2.77E-06	8.37E-06	4.84E-06	9.25E-08	2.23E-06	9.04E-08	2.42E-06
2132	495611.06, 3859651.99	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.75E-06	8.30E-06	4.80E-06	9.18E-08	2.22E-06	8.97E-08	2.40E-06
2133	495661.06, 3859651.99	5.13E-06	1.55E-05	8.97E-06	1.71E-07	4.14E-06	1.67E-07	4.48E-06	2.72E-06	8.23E-06	4.76E-06	9.10E-08	2.20E-06	8.89E-08	2.38E-06
2134	494311.06, 3859701.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.53E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
2135	494361.06, 3859701.99	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.53E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
2136	494411.06, 3859701.99	6.41E-06	1.94E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.60E-06	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06
2137	494461.06, 3859701.99	6.46E-06	1.95E-05	1.13E-05	2.16E-07	5.21E-06	2.11E-07	5.64E-06	3.44E-06	1.04E-05	6.02E-06	1.15E-07	2.78E-06	1.12E-07	3.00E-06
2138	494511.06, 3859701.99	6.44E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.43E-06	1.04E-05	5.99E-06	1.14E-07	2.77E-06	1.12E-07	2.99E-06
2139	494561.06, 3859701.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.04E-06	2.04E-07	5.45E-06	3.33E-06	1.00E-05	5.82E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06
2140	494611.06, 3859701.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.94E-06	2.00E-07	5.35E-06	3.27E-06	9.87E-06	5.71E-06	1.09E-07	2.64E-06	1.07E-07	2.85E-06
2141	494661.06, 3859701.99	6.04E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.27E-06	3.22E-06	9.73E-06	5.63E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06
2142	494711.06, 3859701.99	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06	3.19E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
2143	494761.06, 3859701.99	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
2144	494811.06, 3859701.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
2145	494861.06, 3859701.99	5.79E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.06E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
2146	494911.06, 3859701.99	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06	3.06E-06	9.24E-06	5.35E-06	1.02E-07	2.47E-06	9.99E-08	2.67E-06
2147	494961.06, 3859701.99	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	3.03E-06	9.16E-06	5.30E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
2148	495011.06, 3859701.99	5.64E-06	1.70E-05	9.85E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	3.01E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06
2149	495061.06, 3859701.99	5.59E-06	1.69E-05	9.77E-06	1.87E-07	4.51E-06	1.82E-07	4.88E-06	2.98E-06	9.00E-06	5.21E-06	9.95E-08	2.40E-06	9.72E-08	2.60E-06
2150	495111.06, 3859701.99	5.54E-06	1.67E-05	9.69E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	2.96E-06	8.92E-06	5.17E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06
2151	495161.06, 3859701.99	5.50E-06	1.66E-05	9.61E-06	1.83E-07	4.43E-06	1.79E-07	4.80E-06	2.93E-06	8.84E-06	5.12E-06	9.78E-08	2.36E-06	9.56E-08	2.56E-06
2152	495211.06, 3859701.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.91E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.54E-06
2153	495261.06, 3859701.99	5.40E-06	1.63E-05	9.44E-06	1.80E-07	4.36E-06	1.76E-07	4.72E-06	2.88E-06	8.70E-06	5.04E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
2154	495311.06, 3859701.99	5.36E-06	1.62E-05	9.37E-06	1.79E-07	4.32E-06	1.75E-07	4.68E-06	2.86E-06	8.63E-06	5.00E-06	9.54E-08	2.31E-06	9.32E-08	2.49E-06
2155	495361.06, 3859701.99	5.32E-06	1.61E-05	9.30E-06	1.78E-07	4.29E-06	1.74E-07	4.64E-06	2.84E-06	8.56E-06	4.96E-06	9.47E-08	2.29E-06	9.25E-08	2.47E-06
2156	495411.06, 3859701.99	5.28E-06	1.59E-05	9.22E-06	1.76E-07	4.26E-06	1.72E-07	4.60E-06	2.81E-06	8.49E-06	4.91E-06	9.39E-08	2.27E-06	9.17E-08	2.45E-06
2157	495461.06, 3859701.99	5.24E-06	1.58E-05	9.15E-06	1.75E-07	4.22E-06	1.71E-07	4.57E-06	2.79E-06	8.42E-06	4.87E-06	9.31E-08	2.25E-06	9.10E-08	2.43E-06
2158	495511.06, 3859701.99	5.20E-06	1.57E-05	9.08E-06	1.73E-07	4.19E-06	1.70E-07	4.53E-06	2.77E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06
2159	495561.06, 3859701.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.75E-06	8.30E-06	4.80E-06	9.18E-08	2.22E-06	8.97E-08	2.40E-06
2160	495611.06, 3859701.99	5.12E-06	1.55E-05	8.95E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.73E-06	8.23E-06	4.77E-06	9.10E-08	2.20E-06	8.90E-08	2.38E-06
2161	495661.06, 3859701.99	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.70E-06	8.16E-06	4.73E-06	9.03E-08	2.18E-06	8.82E-08	2.36E-06
2162	494311.06, 3859751.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.04E-06	2.04E-07	5.45E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
2163	494361.06, 3859751.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.45E-06	3.34E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
2164	494411.06, 3859751.99	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
2165	494461.06, 3859751.99	6.38E-06	1.93E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	3.41E-06	1.03E-05	5.95E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
2166	494511.06, 3859751.99	6.34E-06	1.92E-05	1.11E-05	2.12E-07	5.12E-06	2.07E-07	5.54E-06	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06

2167	494561.06, 3859751.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.29E-06	9.93E-06	5.75E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06
2168	494611.06, 3859751.99	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.23E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
2169	494661.06, 3859751.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.19E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2170	494711.06, 3859751.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.12E-06	3.14E-06	9.49E-06	5.49E-06	1.05E-07	2.54E-06	1.03E-07	2.74E-06
2171	494761.06, 3859751.99	5.81E-06	1.75E-05	1.02E-05	1.94E-07	4.68E-06	1.90E-07	5.07E-06	3.11E-06	9.39E-06	5.44E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
2172	494811.06, 3859751.99	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06
2173	494861.06, 3859751.99	5.70E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06
2174	494911.06, 3859751.99	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
2175	494961.06, 3859751.99	5.59E-06	1.69E-05	9.78E-06	1.87E-07	4.51E-06	1.83E-07	4.88E-06	2.99E-06	9.04E-06	5.23E-06	1.00E-07	2.42E-06	9.77E-08	2.61E-06
2176	495011.06, 3859751.99	5.54E-06	1.67E-05	9.69E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.69E-08	2.59E-06
2177	495061.06, 3859751.99	5.50E-06	1.66E-05	9.61E-06	1.84E-07	4.44E-06	1.79E-07	4.80E-06	2.94E-06	8.89E-06	5.15E-06	9.83E-08	2.37E-06	9.61E-08	2.57E-06
2178	495111.06, 3859751.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.92E-06	8.81E-06	5.10E-06	9.74E-08	2.35E-06	9.52E-08	2.55E-06
2179	495161.06, 3859751.99	5.41E-06	1.63E-05	9.45E-06	1.81E-07	4.36E-06	1.76E-07	4.72E-06	2.89E-06	8.74E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.53E-06
2180	495211.06, 3859751.99	5.36E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.87E-06	8.67E-06	5.02E-06	9.58E-08	2.32E-06	9.37E-08	2.50E-06
2181	495261.06, 3859751.99	5.32E-06	1.61E-05	9.31E-06	1.78E-07	4.29E-06	1.74E-07	4.65E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.49E-06
2182	495311.06, 3859751.99	5.28E-06	1.60E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.83E-06	8.53E-06	4.94E-06	9.44E-08	2.28E-06	9.22E-08	2.47E-06
2183	495361.06, 3859751.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
2184	495411.06, 3859751.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	2.78E-06	8.40E-06	4.86E-06	9.29E-08	2.24E-06	9.08E-08	2.43E-06
2185	495461.06, 3859751.99	5.16E-06	1.56E-05	9.03E-06	1.72E-07	4.17E-06	1.68E-07	4.51E-06	2.76E-06	8.33E-06	4.82E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06
2186	495511.06, 3859751.99	5.13E-06	1.55E-05	8.96E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.74E-06	8.27E-06	4.79E-06	9.15E-08	2.21E-06	8.94E-08	2.39E-06
2187	495561.06, 3859751.99	5.09E-06	1.54E-05	8.89E-06	1.70E-07	4.10E-06	1.66E-07	4.44E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.87E-08	2.37E-06
2188	495611.06, 3859751.99	5.05E-06	1.52E-05	8.82E-06	1.69E-07	4.07E-06	1.65E-07	4.40E-06	2.70E-06	8.14E-06	4.71E-06	9.00E-08	2.17E-06	8.80E-08	2.35E-06
2189	495661.06, 3859751.99	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.64E-07	4.37E-06	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.74E-08	2.34E-06
2190	494311.06, 3859801.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
2191	494361.06, 3859801.99	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.36E-06	3.31E-06	9.98E-06	5.78E-06	1.10E-07	2.67E-06	1.08E-07	2.88E-06
2192	494411.06, 3859801.99	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06	3.34E-06	1.01E-05	5.84E-06	1.12E-07	2.69E-06	1.09E-07	2.91E-06
2193	494461.06, 3859801.99	6.31E-06	1.90E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.51E-06	3.38E-06	1.02E-05	5.91E-06	1.13E-07	2.73E-06	1.10E-07	2.95E-06
2194	494511.06, 3859801.99	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.04E-06	2.04E-07	5.45E-06	3.35E-06	1.01E-05	5.85E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06
2195	494561.06, 3859801.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.25E-06	9.81E-06	5.68E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
2196	494611.06, 3859801.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.19E-06	9.63E-06	5.57E-06	1.07E-07	2.57E-06	1.04E-07	2.78E-06
2197	494661.06, 3859801.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.11E-06	3.14E-06	9.49E-06	5.49E-06	1.05E-07	2.53E-06	1.03E-07	2.74E-06
2198	494711.06, 3859801.99	5.78E-06	1.75E-05	1.01E-05	1.93E-07	4.66E-06	1.89E-07	5.05E-06	3.10E-06	9.38E-06	5.43E-06	1.04E-07	2.50E-06	1.01E-07	2.71E-06
2199	494761.06, 3859801.99	5.71E-06	1.72E-05	9.99E-06	1.91E-07	4.61E-06	1.86E-07	4.99E-06	3.07E-06	9.27E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
2200	494811.06, 3859801.99	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.57E-06	1.85E-07	4.94E-06	3.04E-06	9.18E-06	5.32E-06	1.02E-07	2.45E-06	9.93E-08	2.65E-06
2201	494861.06, 3859801.99	5.60E-06	1.69E-05	9.79E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06
2202	494911.06, 3859801.99	5.55E-06	1.68E-05	9.71E-06	1.85E-07	4.48E-06	1.81E-07	4.85E-06	2.98E-06	9.01E-06	5.22E-06	9.96E-08	2.41E-06	9.74E-08	2.60E-06
2203	494961.06, 3859801.99	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	2.96E-06	8.93E-06	5.17E-06	9.87E-08	2.38E-06	9.65E-08	2.58E-06
2204	495011.06, 3859801.99	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.93E-06	8.86E-06	5.13E-06	9.79E-08	2.37E-06	9.57E-08	2.56E-06
2205	495061.06, 3859801.99	5.41E-06	1.63E-05	9.46E-06	1.81E-07	4.36E-06	1.77E-07	4.72E-06	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.35E-06	9.49E-08	2.54E-06
2206	495111.06, 3859801.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.88E-06	8.71E-06	5.04E-06	9.63E-08	2.33E-06	9.41E-08	2.52E-06
2207	495161.06, 3859801.99	5.32E-06	1.61E-05	9.31E-06	1.78E-07	4.29E-06	1.74E-07	4.65E-06	2.86E-06	8.63E-06	5.00E-06	9.55E-08	2.31E-06	9.33E-08	2.49E-06
2208	495211.06, 3859801.99	5.28E-06	1.60E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.84E-06	8.57E-06	4.96E-06	9.47E-08	2.29E-06	9.26E-08	2.48E-06
2209	495261.06, 3859801.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.81E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.18E-08	2.46E-06
2210	495311.06, 3859801.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	2.79E-06	8.43E-06	4.88E-06	9.33E-08	2.25E-06	9.11E-08	2.44E-06
2211	495361.06, 3859801.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.77E-06	8.36E-06	4.84E-06	9.25E-08	2.23E-06	9.04E-08	2.42E-06
2212	495411.06, 3859801.99	5.12E-06	1.55E-05	8.95E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.75E-06	8.30E-06	4.80E-06	9.18E-08	2.22E-06	8.97E-08	2.40E-06
2213	495461.06, 3859801.99	5.09E-06	1.54E-05	8.89E-06	1.70E-07	4.10E-06	1.66E-07	4.44E-06	2.73E-06	8.24E-06	4.77E-06	9.11E-08	2.20E-06	8.90E-08	2.38E-06
2214	495511.06, 3859801.99	5.05E-06	1.52E-05	8.83E-06	1.69E-07	4.07E-06	1.65E-07	4.41E-06	2.71E-06	8.18E-06	4.73E-06	9.04E-08	2.18E-06	8.84E-08	2.36E-06
2215	495561.06, 3859801.99	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	2.69E-06	8.11E-06	4.70E-06	8.97E-08	2.17E-06	8.77E-08	2.34E-06
2216	495611.06, 3859801.99	4.97E-06	1.50E-05	8.69E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.67E-06	8.05E-06	4.66E-06	8.91E-08	2.15E-06	8.70E-08	2.33E-06
2217	495661.06, 3859801.99	4.94E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.31E-06	2.65E-06	8.00E-06	4.63E-06	8.84E-08	2.14E-06	8.64E-08	2.31E-06
2218	494311.06, 3859851.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.27E-06	9.88E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
2219	494361.06, 3859851.99	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06	3.27E-06	9.86E-06	5.71E-06	1.09E-07	2.63E-06	1.07E-07	2.85E-06
2220	494411.06, 3859851.99	6.13E-06	1.85E-05	1.07E-05	2.05E-07	4.94E-06	2.00E-07	5.35E-06	3.30E-06	9.96E-06	5.77E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
2221	494461.06, 3859851.99	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.33E-06	1.01E-05	5.82E-06	1.11E-07	2.69E-06	1.09E-07	2.91E-06
2222	494511.06, 3859851.99	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
2223	494561.06, 3859851.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.94E-07	5.20E-06	3.21E-06	9.70E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
2224	494611.06, 3859851.99	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.10E-06	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06
2225	494661.06, 3859851.99	5.76E-06	1.74E-05	1.01E-05	1.92E-07	4.65E-06	1.88E-07	5.03E-06	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
2226	494711.06, 3859851.99	5.69E-06	1.72E-05	9.94E-06	1.90E-07	4.59E-06	1.86E-07	4.96E-06	3.07E-06	9.26E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.68E-06
2227	494761.06, 3859851.99	5.62E-06	1.70E-05	9.83E-06	1.88E-07	4.54E-06	1.83E-07	4.91E-06	3.03E-06	9.16E-06	5.30E-06	1.01E-07	2.45E-06	9.90E-08	2.65E-06
2228	494811.06, 3859851.99	5.57E-06	1.68E-05	9.74E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06	3.00E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06

2229	494861.06, 3859851.99	5.51E-06	1.66E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.71E-08	2.60E-06
2230	494911.06, 3859851.99	5.46E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.95E-06	8.90E-06	5.15E-06	9.84E-08	2.38E-06	9.62E-08	2.57E-06
2231	494961.06, 3859851.99	5.42E-06	1.64E-05	9.47E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.92E-06	8.83E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
2232	495011.06, 3859851.99	5.37E-06	1.62E-05	9.38E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	2.90E-06	8.74E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
2233	495061.06, 3859851.99	5.33E-06	1.61E-05	9.31E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.87E-06	8.67E-06	5.02E-06	9.59E-08	2.32E-06	9.37E-08	2.51E-06
2234	495111.06, 3859851.99	5.28E-06	1.59E-05	9.23E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.48E-06
2235	495161.06, 3859851.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.83E-06	8.53E-06	4.94E-06	9.44E-08	2.28E-06	9.22E-08	2.47E-06
2236	495211.06, 3859851.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
2237	495261.06, 3859851.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.43E-06
2238	495311.06, 3859851.99	5.12E-06	1.55E-05	8.95E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.76E-06	8.33E-06	4.82E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06
2239	495361.06, 3859851.99	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.74E-06	8.27E-06	4.79E-06	9.14E-08	2.21E-06	8.93E-08	2.39E-06
2240	495411.06, 3859851.99	5.04E-06	1.52E-05	8.82E-06	1.68E-07	4.07E-06	1.65E-07	4.40E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.87E-08	2.37E-06
2241	495461.06, 3859851.99	5.01E-06	1.51E-05	8.75E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	2.70E-06	8.14E-06	4.71E-06	9.00E-08	2.17E-06	8.80E-08	2.35E-06
2242	495511.06, 3859851.99	4.97E-06	1.50E-05	8.70E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.74E-08	2.34E-06
2243	495561.06, 3859851.99	4.94E-06	1.49E-05	8.63E-06	1.65E-07	3.98E-06	1.61E-07	4.31E-06	2.66E-06	8.02E-06	4.64E-06	8.87E-08	2.14E-06	8.67E-08	2.32E-06
2244	495611.06, 3859851.99	4.90E-06	1.48E-05	8.57E-06	1.64E-07	3.95E-06	1.60E-07	4.28E-06	2.64E-06	7.97E-06	4.61E-06	8.81E-08	2.13E-06	8.61E-08	2.30E-06
2245	495661.06, 3859851.99	4.87E-06	1.47E-05	8.51E-06	1.62E-07	3.93E-06	1.59E-07	4.25E-06	2.62E-06	7.91E-06	4.58E-06	8.74E-08	2.11E-06	8.54E-08	2.28E-06
2246	494311.06, 3859901.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.94E-07	5.20E-06	3.23E-06	9.77E-06	5.65E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06
2247	494361.06, 3859901.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.20E-06	3.23E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06
2248	494411.06, 3859901.99	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
2249	494461.06, 3859901.99	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06	3.29E-06	9.92E-06	5.74E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06
2250	494511.06, 3859901.99	6.08E-06	1.84E-05	1.06E-05	2.03E-07	4.90E-06	1.98E-07	5.30E-06	3.28E-06	9.90E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
2251	494561.06, 3859901.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.91E-07	5.12E-06	3.17E-06	9.59E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2252	494611.06, 3859901.99	5.76E-06	1.74E-05	1.01E-05	1.92E-07	4.65E-06	1.88E-07	5.03E-06	3.12E-06	9.41E-06	5.45E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06
2253	494661.06, 3859901.99	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	3.07E-06	9.27E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
2254	494711.06, 3859901.99	5.60E-06	1.69E-05	9.79E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.65E-06
2255	494761.06, 3859901.99	5.54E-06	1.67E-05	9.68E-06	1.85E-07	4.47E-06	1.81E-07	4.83E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
2256	494811.06, 3859901.99	5.48E-06	1.65E-05	9.57E-06	1.83E-07	4.42E-06	1.79E-07	4.78E-06	2.97E-06	8.96E-06	5.19E-06	9.91E-08	2.39E-06	9.68E-08	2.59E-06
2257	494861.06, 3859901.99	5.42E-06	1.64E-05	9.48E-06	1.81E-07	4.37E-06	1.77E-07	4.73E-06	2.94E-06	8.87E-06	5.14E-06	9.81E-08	2.37E-06	9.59E-08	2.56E-06
2258	494911.06, 3859901.99	5.38E-06	1.62E-05	9.40E-06	1.80E-07	4.34E-06	1.75E-07	4.69E-06	2.91E-06	8.79E-06	5.09E-06	9.73E-08	2.35E-06	9.50E-08	2.54E-06
2259	494961.06, 3859901.99	5.33E-06	1.61E-05	9.31E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.89E-06	8.71E-06	5.04E-06	9.64E-08	2.33E-06	9.42E-08	2.52E-06
2260	495011.06, 3859901.99	5.28E-06	1.60E-05	9.24E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.86E-06	8.64E-06	5.00E-06	9.56E-08	2.31E-06	9.34E-08	2.50E-06
2261	495061.06, 3859901.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.84E-06	8.57E-06	4.96E-06	9.47E-08	2.29E-06	9.26E-08	2.48E-06
2262	495111.06, 3859901.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	2.81E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.18E-08	2.46E-06
2263	495161.06, 3859901.99	5.16E-06	1.56E-05	9.02E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06
2264	495211.06, 3859901.99	5.12E-06	1.55E-05	8.94E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	2.77E-06	8.36E-06	4.84E-06	9.25E-08	2.23E-06	9.04E-08	2.42E-06
2265	495261.06, 3859901.99	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.75E-06	8.29E-06	4.80E-06	9.17E-08	2.22E-06	8.96E-08	2.40E-06
2266	495311.06, 3859901.99	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.06E-06	1.64E-07	4.40E-06	2.73E-06	8.23E-06	4.76E-06	9.10E-08	2.20E-06	8.89E-08	2.38E-06
2267	495361.06, 3859901.99	5.00E-06	1.51E-05	8.74E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.70E-06	8.17E-06	4.73E-06	9.03E-08	2.18E-06	8.83E-08	2.36E-06
2268	495411.06, 3859901.99	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.69E-06	8.11E-06	4.69E-06	8.97E-08	2.17E-06	8.76E-08	2.34E-06
2269	495461.06, 3859901.99	4.93E-06	1.49E-05	8.62E-06	1.65E-07	3.98E-06	1.61E-07	4.30E-06	2.66E-06	8.05E-06	4.66E-06	8.90E-08	2.15E-06	8.70E-08	2.33E-06
2270	495511.06, 3859901.99	4.90E-06	1.48E-05	8.56E-06	1.64E-07	3.95E-06	1.60E-07	4.27E-06	2.65E-06	7.99E-06	4.62E-06	8.84E-08	2.13E-06	8.63E-08	2.31E-06
2271	495561.06, 3859901.99	4.86E-06	1.47E-05	8.49E-06	1.62E-07	3.92E-06	1.59E-07	4.24E-06	2.63E-06	7.93E-06	4.59E-06	8.77E-08	2.12E-06	8.57E-08	2.29E-06
2272	495611.06, 3859901.99	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06
2273	495661.06, 3859901.99	4.79E-06	1.45E-05	8.38E-06	1.60E-07	3.87E-06	1.56E-07	4.18E-06	2.59E-06	7.82E-06	4.53E-06	8.65E-08	2.09E-06	8.45E-08	2.26E-06
2274	494311.06, 3859951.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.12E-06	3.20E-06	9.66E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
2275	494361.06, 3859951.99	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.91E-07	5.12E-06	3.19E-06	9.64E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
2276	494411.06, 3859951.99	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.22E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06
2277	494461.06, 3859951.99	6.01E-06	1.81E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.24E-06	3.25E-06	9.83E-06	5.69E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
2278	494511.06, 3859951.99	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.24E-06	3.25E-06	9.81E-06	5.68E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
2279	494561.06, 3859951.99	5.78E-06	1.75E-05	1.01E-05	1.93E-07	4.67E-06	1.89E-07	5.05E-06	3.14E-06	9.49E-06	5.49E-06	1.05E-07	2.54E-06	1.03E-07	2.74E-06
2280	494611.06, 3859951.99	5.67E-06	1.71E-05	9.92E-06	1.89E-07	4.58E-06	1.85E-07	4.95E-06	3.08E-06	9.31E-06	5.39E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
2281	494661.06, 3859951.99	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	3.04E-06	9.17E-06	5.31E-06	1.01E-07	2.45E-06	9.91E-08	2.65E-06
2282	494711.06, 3859951.99	5.51E-06	1.66E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.78E-08	2.62E-06
2283	494761.06, 3859951.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
2284	494811.06, 3859951.99	5.39E-06	1.63E-05	9.42E-06	1.80E-07	4.35E-06	1.76E-07	4.70E-06	2.93E-06	8.86E-06	5.13E-06	9.79E-08	2.37E-06	9.57E-08	2.56E-06
2285	494861.06, 3859951.99	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.90E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.47E-08	2.53E-06
2286	494911.06, 3859951.99	5.28E-06	1.60E-05	9.24E-06	1.76E-07	4.26E-06	1.72E-07	4.61E-06	2.88E-06	8.68E-06	5.03E-06	9.60E-08	2.32E-06	9.38E-08	2.51E-06
2287	494961.06, 3859951.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.85E-06	8.61E-06	4.98E-06	9.52E-08	2.30E-06	9.30E-08	2.49E-06
2288	495011.06, 3859951.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	2.83E-06	8.54E-06	4.94E-06	9.44E-08	2.28E-06	9.23E-08	2.47E-06
2289	495061.06, 3859951.99	5.15E-06	1.56E-05	9.01E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
2290	495111.06, 3859951.99	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.42E-06

2291	495161.06, 3859951.99	5.07E-06	1.53E-05	8.86E-06	1.69E-07	4.09E-06	1.65E-07	4.42E-06	2.76E-06	8.32E-06	4.82E-06	9.20E-08	2.22E-06	8.99E-08	2.40E-06
2292	495211.06, 3859951.99	5.04E-06	1.52E-05	8.80E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.74E-06	8.26E-06	4.78E-06	9.13E-08	2.21E-06	8.93E-08	2.39E-06
2293	495261.06, 3859951.99	4.99E-06	1.51E-05	8.73E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06	2.71E-06	8.19E-06	4.74E-06	9.06E-08	2.19E-06	8.85E-08	2.37E-06
2294	495311.06, 3859951.99	4.96E-06	1.50E-05	8.67E-06	1.66E-07	4.00E-06	1.62E-07	4.33E-06	2.69E-06	8.13E-06	4.71E-06	8.99E-08	2.17E-06	8.79E-08	2.35E-06
2295	495361.06, 3859951.99	4.92E-06	1.49E-05	8.61E-06	1.64E-07	3.97E-06	1.61E-07	4.30E-06	2.67E-06	8.07E-06	4.67E-06	8.93E-08	2.16E-06	8.72E-08	2.33E-06
2296	495411.06, 3859951.99	4.89E-06	1.48E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.65E-06	8.01E-06	4.64E-06	8.86E-08	2.14E-06	8.65E-08	2.31E-06
2297	495461.06, 3859951.99	4.85E-06	1.47E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.24E-06	2.63E-06	7.95E-06	4.60E-06	8.79E-08	2.12E-06	8.59E-08	2.30E-06
2298	495511.06, 3859951.99	4.82E-06	1.45E-05	8.42E-06	1.61E-07	3.89E-06	1.57E-07	4.20E-06	2.61E-06	7.89E-06	4.57E-06	8.73E-08	2.11E-06	8.53E-08	2.28E-06
2299	495561.06, 3859951.99	4.78E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06	2.60E-06	7.84E-06	4.54E-06	8.67E-08	2.09E-06	8.47E-08	2.27E-06
2300	495611.06, 3859951.99	4.75E-06	1.43E-05	8.31E-06	1.59E-07	3.83E-06	1.55E-07	4.15E-06	2.58E-06	7.78E-06	4.50E-06	8.61E-08	2.08E-06	8.41E-08	2.25E-06
2301	495661.06, 3859951.99	4.72E-06	1.43E-05	8.25E-06	1.58E-07	3.81E-06	1.54E-07	4.12E-06	2.56E-06	7.72E-06	4.47E-06	8.54E-08	2.06E-06	8.35E-08	2.23E-06
2302	494311.06, 3860001.99	5.81E-06	1.75E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.07E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2303	494361.06, 3860001.99	5.83E-06	1.76E-05	1.02E-05	1.95E-07	4.70E-06	1.90E-07	5.09E-06	3.18E-06	9.61E-06	5.56E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
2304	494411.06, 3860001.99	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.93E-07	5.15E-06	3.21E-06	9.70E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
2305	494461.06, 3860001.99	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.24E-06	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
2306	494511.06, 3860001.99	5.97E-06	1.80E-05	1.04E-05	2.00E-07	4.82E-06	1.95E-07	5.21E-06	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
2307	494561.06, 3860001.99	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	3.12E-06	9.43E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06
2308	494611.06, 3860001.99	5.60E-06	1.69E-05	9.78E-06	1.87E-07	4.52E-06	1.83E-07	4.88E-06	3.06E-06	9.23E-06	5.34E-06	1.02E-07	2.47E-06	9.97E-08	2.67E-06
2309	494661.06, 3860001.99	5.50E-06	1.66E-05	9.61E-06	1.84E-07	4.44E-06	1.79E-07	4.80E-06	3.01E-06	9.07E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06
2310	494711.06, 3860001.99	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
2311	494761.06, 3860001.99	5.36E-06	1.62E-05	9.36E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06	2.93E-06	8.84E-06	5.12E-06	9.78E-08	2.36E-06	9.55E-08	2.55E-06
2312	494811.06, 3860001.99	5.30E-06	1.60E-05	9.26E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	2.90E-06	8.75E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06
2313	494861.06, 3860001.99	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06
2314	494911.06, 3860001.99	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	2.84E-06	8.57E-06	4.96E-06	9.48E-08	2.29E-06	9.26E-08	2.48E-06
2315	494961.06, 3860001.99	5.15E-06	1.55E-05	9.00E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.81E-06	8.49E-06	4.92E-06	9.39E-08	2.27E-06	9.18E-08	2.45E-06
2316	495011.06, 3860001.99	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06
2317	495061.06, 3860001.99	5.06E-06	1.53E-05	8.85E-06	1.69E-07	4.08E-06	1.65E-07	4.42E-06	2.77E-06	8.35E-06	4.83E-06	9.24E-08	2.23E-06	9.03E-08	2.41E-06
2318	495111.06, 3860001.99	5.03E-06	1.52E-05	8.78E-06	1.68E-07	4.05E-06	1.64E-07	4.39E-06	2.74E-06	8.29E-06	4.80E-06	9.16E-08	2.21E-06	8.95E-08	2.39E-06
2319	495161.06, 3860001.99	4.98E-06	1.51E-05	8.71E-06	1.66E-07	4.02E-06	1.63E-07	4.35E-06	2.72E-06	8.21E-06	4.76E-06	9.09E-08	2.19E-06	8.88E-08	2.37E-06
2320	495211.06, 3860001.99	4.95E-06	1.49E-05	8.65E-06	1.65E-07	3.99E-06	1.61E-07	4.32E-06	2.70E-06	8.16E-06	4.72E-06	9.02E-08	2.18E-06	8.82E-08	2.36E-06
2321	495261.06, 3860001.99	4.91E-06	1.48E-05	8.58E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.68E-06	8.09E-06	4.68E-06	8.95E-08	2.16E-06	8.74E-08	2.34E-06
2322	495311.06, 3860001.99	4.87E-06	1.47E-05	8.52E-06	1.63E-07	3.93E-06	1.59E-07	4.25E-06	2.66E-06	8.03E-06	4.65E-06	8.88E-08	2.14E-06	8.68E-08	2.32E-06
2323	495361.06, 3860001.99	4.84E-06	1.46E-05	8.46E-06	1.62E-07	3.91E-06	1.58E-07	4.22E-06	2.64E-06	7.97E-06	4.61E-06	8.81E-08	2.13E-06	8.61E-08	2.30E-06
2324	495411.06, 3860001.99	4.80E-06	1.45E-05	8.40E-06	1.60E-07	3.87E-06	1.57E-07	4.19E-06	2.62E-06	7.91E-06	4.58E-06	8.75E-08	2.11E-06	8.55E-08	2.29E-06
2325	495461.06, 3860001.99	4.77E-06	1.44E-05	8.34E-06	1.59E-07	3.85E-06	1.56E-07	4.16E-06	2.60E-06	7.85E-06	4.55E-06	8.69E-08	2.10E-06	8.49E-08	2.27E-06
2326	495511.06, 3860001.99	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.14E-06	2.58E-06	7.80E-06	4.51E-06	8.62E-08	2.08E-06	8.43E-08	2.25E-06
2327	495561.06, 3860001.99	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.57E-06	7.75E-06	4.48E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
2328	495611.06, 3860001.99	4.67E-06	1.41E-05	8.17E-06	1.56E-07	3.77E-06	1.53E-07	4.08E-06	2.55E-06	7.69E-06	4.45E-06	8.50E-08	2.05E-06	8.31E-08	2.22E-06
2329	495661.06, 3860001.99	4.65E-06	1.40E-05	8.12E-06	1.55E-07	3.75E-06	1.52E-07	4.05E-06	2.53E-06	7.64E-06	4.42E-06	8.45E-08	2.04E-06	8.25E-08	2.21E-06
2330	494411.06, 3860051.99	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.76E-06	3.56E-06	1.08E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.11E-06
2331	494461.06, 3860051.99	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.51E-06	1.06E-05	6.13E-06	1.17E-07	2.83E-06	1.14E-07	3.06E-06
2332	494511.06, 3860051.99	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.20E-06	3.24E-06	9.80E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
2333	494561.06, 3860051.99	5.64E-06	1.70E-05	9.87E-06	1.88E-07	4.55E-06	1.84E-07	4.93E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
2334	494611.06, 3860051.99	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06	3.01E-06	9.10E-06	5.27E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06
2335	494661.06, 3860051.99	5.39E-06	1.63E-05	9.43E-06	1.80E-07	4.35E-06	1.76E-07	4.71E-06	2.96E-06	8.95E-06	5.18E-06	9.89E-08	2.39E-06	9.67E-08	2.59E-06
2336	494711.06, 3860051.99	5.33E-06	1.61E-05	9.31E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.92E-06	8.83E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
2337	494761.06, 3860051.99	5.26E-06	1.59E-05	9.19E-06	1.76E-07	4.24E-06	1.72E-07	4.59E-06	2.89E-06	8.72E-06	5.05E-06	9.65E-08	2.33E-06	9.43E-08	2.52E-06
2338	494811.06, 3860051.99	5.20E-06	1.57E-05	9.08E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	2.86E-06	8.63E-06	5.00E-06	9.54E-08	2.31E-06	9.33E-08	2.49E-06
2339	494861.06, 3860051.99	5.14E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06
2340	494911.06, 3860051.99	5.10E-06	1.54E-05	8.91E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
2341	494961.06, 3860051.99	5.05E-06	1.53E-05	8.83E-06	1.69E-07	4.08E-06	1.65E-07	4.41E-06	2.78E-06	8.39E-06	4.85E-06	9.27E-08	2.24E-06	9.06E-08	2.42E-06
2342	495011.06, 3860051.99	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.64E-07	4.37E-06	2.75E-06	8.31E-06	4.81E-06	9.19E-08	2.22E-06	8.98E-08	2.40E-06
2343	495061.06, 3860051.99	4.98E-06	1.50E-05	8.70E-06	1.66E-07	4.01E-06	1.62E-07	4.34E-06	2.73E-06	8.25E-06	4.77E-06	9.12E-08	2.20E-06	8.91E-08	2.38E-06
2344	495111.06, 3860051.99	4.94E-06	1.49E-05	8.63E-06	1.65E-07	3.98E-06	1.61E-07	4.31E-06	2.71E-06	8.18E-06	4.73E-06	9.04E-08	2.18E-06	8.84E-08	2.36E-06
2345	495161.06, 3860051.99	4.90E-06	1.48E-05	8.56E-06	1.64E-07	3.95E-06	1.60E-07	4.27E-06	2.69E-06	8.11E-06	4.69E-06	8.97E-08	2.17E-06	8.76E-08	2.34E-06
2346	495211.06, 3860051.99	4.86E-06	1.47E-05	8.50E-06	1.62E-07	3.92E-06	1.59E-07	4.24E-06	2.67E-06	8.05E-06	4.66E-06	8.90E-08	2.15E-06	8.70E-08	2.33E-06
2347	495261.06, 3860051.99	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	2.65E-06	7.99E-06	4.62E-06	8.83E-08	2.13E-06	8.63E-08	2.31E-06
2348	495311.06, 3860051.99	4.79E-06	1.45E-05	8.37E-06	1.60E-07	3.86E-06	1.56E-07	4.18E-06	2.63E-06	7.93E-06	4.59E-06	8.77E-08	2.12E-06	8.57E-08	2.29E-06
2349	495361.06, 3860051.99	4.76E-06	1.44E-05	8.32E-06	1.59E-07	3.84E-06	1.55E-07	4.15E-06	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06
2350	495411.06, 3860051.99	4.72E-06	1.43E-05	8.25E-06	1.58E-07	3.81E-06	1.54E-07	4.12E-06	2.59E-06	7.81E-06	4.52E-06	8.64E-08	2.09E-06	8.44E-08	2.26E-06
2351	495461.06, 3860051.99	4.69E-06	1.42E-05	8.20E-06	1.57E-07	3.78E-06	1.53E-07	4.09E-06	2.57E-06	7.75E-06	4.49E-06	8.58E-08	2.07E-06	8.38E-08	2.24E-06
2352	495511.06, 3860051.99	4.66E-06	1.41E-05	8.14E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06	2.55E-06	7.70E-06	4.46E-06	8.52E-08	2.06E-06	8.33E-08	2.23E-06

2353	495561.06, 3860051.99	4.63E-06	1.40E-05	8.09E-06	1.55E-07	3.73E-06	1.51E-07	4.04E-06	2.53E-06	7.65E-06	4.43E-06	8.46E-08	2.04E-06	8.27E-08	2.21E-06
2354	495611.06, 3860051.99	4.60E-06	1.39E-05	8.03E-06	1.53E-07	3.71E-06	1.50E-07	4.01E-06	2.52E-06	7.59E-06	4.40E-06	8.40E-08	2.03E-06	8.21E-08	2.19E-06
2355	495661.06, 3860051.99	4.57E-06	1.38E-05	7.98E-06	1.53E-07	3.68E-06	1.49E-07	3.99E-06	2.50E-06	7.54E-06	4.37E-06	8.34E-08	2.01E-06	8.15E-08	2.18E-06
2356	494411.06, 3860101.99	5.93E-06	1.79E-05	1.04E-05	1.98E-07	4.78E-06	1.93E-07	5.17E-06	3.24E-06	9.78E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
2357	494461.06, 3860101.99	5.70E-06	1.72E-05	9.96E-06	1.90E-07	4.60E-06	1.86E-07	4.97E-06	3.13E-06	9.45E-06	5.47E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
2358	494511.06, 3860101.99	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.81E-07	4.85E-06	3.06E-06	9.23E-06	5.34E-06	1.02E-07	2.47E-06	9.98E-08	2.67E-06
2359	494561.06, 3860101.99	5.45E-06	1.65E-05	9.53E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	3.00E-06	9.06E-06	5.24E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06
2360	494611.06, 3860101.99	5.36E-06	1.62E-05	9.36E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06	2.96E-06	8.92E-06	5.17E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06
2361	494661.06, 3860101.99	5.27E-06	1.59E-05	9.22E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.91E-06	8.80E-06	5.09E-06	9.73E-08	2.35E-06	9.51E-08	2.54E-06
2362	494711.06, 3860101.99	5.22E-06	1.58E-05	9.12E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06	2.88E-06	8.70E-06	5.03E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
2363	494761.06, 3860101.99	5.15E-06	1.56E-05	9.01E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.85E-06	8.60E-06	4.98E-06	9.51E-08	2.30E-06	9.29E-08	2.48E-06
2364	494811.06, 3860101.99	5.10E-06	1.54E-05	8.92E-06	1.70E-07	4.12E-06	1.66E-07	4.45E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06
2365	494861.06, 3860101.99	5.03E-06	1.52E-05	8.80E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.79E-06	8.42E-06	4.87E-06	9.31E-08	2.25E-06	9.10E-08	2.43E-06
2366	494911.06, 3860101.99	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	2.77E-06	8.35E-06	4.83E-06	9.24E-08	2.23E-06	9.03E-08	2.41E-06
2367	494961.06, 3860101.99	4.96E-06	1.50E-05	8.67E-06	1.66E-07	4.00E-06	1.62E-07	4.33E-06	2.74E-06	8.27E-06	4.79E-06	9.15E-08	2.21E-06	8.94E-08	2.39E-06
2368	495011.06, 3860101.99	4.92E-06	1.49E-05	8.60E-06	1.64E-07	3.97E-06	1.61E-07	4.29E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.86E-08	2.37E-06
2369	495061.06, 3860101.99	4.88E-06	1.47E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.69E-06	8.13E-06	4.71E-06	9.00E-08	2.17E-06	8.79E-08	2.35E-06
2370	495111.06, 3860101.99	4.85E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.67E-06	8.07E-06	4.67E-06	8.92E-08	2.16E-06	8.72E-08	2.33E-06
2371	495161.06, 3860101.99	4.81E-06	1.45E-05	8.41E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.65E-06	8.01E-06	4.63E-06	8.85E-08	2.14E-06	8.65E-08	2.31E-06
2372	495211.06, 3860101.99	4.78E-06	1.44E-05	8.35E-06	1.60E-07	3.85E-06	1.56E-07	4.17E-06	2.63E-06	7.95E-06	4.60E-06	8.79E-08	2.12E-06	8.59E-08	2.30E-06
2373	495261.06, 3860101.99	4.74E-06	1.43E-05	8.29E-06	1.58E-07	3.83E-06	1.55E-07	4.14E-06	2.61E-06	7.89E-06	4.57E-06	8.72E-08	2.11E-06	8.53E-08	2.28E-06
2374	495311.06, 3860101.99	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.59E-06	7.82E-06	4.53E-06	8.65E-08	2.09E-06	8.46E-08	2.26E-06
2375	495361.06, 3860101.99	4.67E-06	1.41E-05	8.16E-06	1.56E-07	3.77E-06	1.52E-07	4.08E-06	2.57E-06	7.77E-06	4.50E-06	8.59E-08	2.08E-06	8.40E-08	2.25E-06
2376	495411.06, 3860101.99	4.64E-06	1.40E-05	8.12E-06	1.55E-07	3.75E-06	1.52E-07	4.05E-06	2.56E-06	7.72E-06	4.47E-06	8.54E-08	2.06E-06	8.34E-08	2.23E-06
2377	495461.06, 3860101.99	4.61E-06	1.39E-05	8.06E-06	1.54E-07	3.72E-06	1.51E-07	4.03E-06	2.54E-06	7.66E-06	4.44E-06	8.47E-08	2.05E-06	8.28E-08	2.21E-06
2378	495511.06, 3860101.99	4.58E-06	1.38E-05	8.00E-06	1.53E-07	3.69E-06	1.49E-07	4.00E-06	2.52E-06	7.61E-06	4.40E-06	8.41E-08	2.03E-06	8.22E-08	2.20E-06
2379	495561.06, 3860101.99	4.55E-06	1.37E-05	7.95E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.50E-06	7.56E-06	4.38E-06	8.36E-08	2.02E-06	8.17E-08	2.18E-06
2380	495611.06, 3860101.99	4.52E-06	1.36E-05	7.90E-06	1.51E-07	3.65E-06	1.48E-07	3.94E-06	2.49E-06	7.50E-06	4.34E-06	8.30E-08	2.00E-06	8.11E-08	2.17E-06
2381	495661.06, 3860101.99	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.47E-07	3.92E-06	2.47E-06	7.45E-06	4.31E-06	8.24E-08	1.99E-06	8.05E-08	2.15E-06
2382	494861.06, 3860151.99	4.93E-06	1.49E-05	8.62E-06	1.65E-07	3.98E-06	1.61E-07	4.30E-06	2.75E-06	8.30E-06	4.80E-06	9.18E-08	2.22E-06	8.97E-08	2.40E-06
2383	494911.06, 3860151.99	4.91E-06	1.48E-05	8.58E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.73E-06	8.24E-06	4.77E-06	9.11E-08	2.20E-06	8.90E-08	2.38E-06
2384	494961.06, 3860151.99	4.87E-06	1.47E-05	8.51E-06	1.63E-07	3.93E-06	1.59E-07	4.25E-06	2.70E-06	8.16E-06	4.73E-06	9.03E-08	2.18E-06	8.82E-08	2.36E-06
2385	495011.06, 3860151.99	4.83E-06	1.46E-05	8.44E-06	1.61E-07	3.89E-06	1.58E-07	4.21E-06	2.68E-06	8.09E-06	4.68E-06	8.95E-08	2.16E-06	8.74E-08	2.34E-06
2386	495061.06, 3860151.99	4.79E-06	1.45E-05	8.38E-06	1.60E-07	3.87E-06	1.56E-07	4.18E-06	2.66E-06	8.03E-06	4.65E-06	8.88E-08	2.14E-06	8.67E-08	2.32E-06
2387	495111.06, 3860151.99	4.76E-06	1.44E-05	8.32E-06	1.59E-07	3.84E-06	1.55E-07	4.15E-06	2.64E-06	7.97E-06	4.61E-06	8.81E-08	2.13E-06	8.61E-08	2.30E-06
2388	495161.06, 3860151.99	4.72E-06	1.43E-05	8.26E-06	1.58E-07	3.81E-06	1.54E-07	4.12E-06	2.62E-06	7.90E-06	4.58E-06	8.74E-08	2.11E-06	8.54E-08	2.28E-06
2389	495211.06, 3860151.99	4.69E-06	1.42E-05	8.20E-06	1.57E-07	3.78E-06	1.53E-07	4.09E-06	2.60E-06	7.84E-06	4.54E-06	8.68E-08	2.10E-06	8.48E-08	2.27E-06
2390	495261.06, 3860151.99	4.66E-06	1.41E-05	8.14E-06	1.56E-07	3.76E-06	1.52E-07	4.06E-06	2.58E-06	7.79E-06	4.51E-06	8.61E-08	2.08E-06	8.42E-08	2.25E-06
2391	495311.06, 3860151.99	4.62E-06	1.39E-05	8.07E-06	1.54E-07	3.73E-06	1.51E-07	4.03E-06	2.56E-06	7.72E-06	4.47E-06	8.54E-08	2.06E-06	8.35E-08	2.23E-06
2392	495361.06, 3860151.99	4.59E-06	1.39E-05	8.02E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	2.54E-06	7.67E-06	4.44E-06	8.48E-08	2.05E-06	8.29E-08	2.22E-06
2393	495411.06, 3860151.99	4.56E-06	1.38E-05	7.97E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06	2.52E-06	7.62E-06	4.41E-06	8.43E-08	2.04E-06	8.24E-08	2.20E-06
2394	495461.06, 3860151.99	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.51E-06	7.57E-06	4.38E-06	8.37E-08	2.02E-06	8.18E-08	2.19E-06
2395	495511.06, 3860151.99	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06	2.49E-06	7.51E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
2396	495561.06, 3860151.99	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06	2.47E-06	7.46E-06	4.32E-06	8.25E-08	1.99E-06	8.07E-08	2.16E-06
2397	495611.06, 3860151.99	4.44E-06	1.34E-05	7.77E-06	1.48E-07	3.58E-06	1.45E-07	3.88E-06	2.46E-06	7.41E-06	4.29E-06	8.20E-08	1.98E-06	8.01E-08	2.14E-06
2398	495661.06, 3860151.99	4.42E-06	1.33E-05	7.72E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	2.44E-06	7.36E-06	4.26E-06	8.14E-08	1.97E-06	7.96E-08	2.13E-06
2399	495718.25, 3859442.96	5.26E-06	1.59E-05	9.20E-06	1.76E-07	4.25E-06	1.72E-07	4.59E-06	2.77E-06	8.35E-06	4.83E-06	9.24E-08	2.23E-06	9.02E-08	2.41E-06
2400	495818.25, 3859442.96	5.17E-06	1.56E-05	9.04E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	2.72E-06	8.20E-06	4.75E-06	9.07E-08	2.19E-06	8.86E-08	2.37E-06
2401	495918.25, 3859442.96	5.09E-06	1.54E-05	8.89E-06	1.70E-07	4.10E-06	1.66E-07	4.44E-06	2.67E-06	8.07E-06	4.67E-06	8.93E-08	2.16E-06	8.72E-08	2.33E-06
2402	496018.25, 3859442.96	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.64E-07	4.37E-06	2.63E-06	7.95E-06	4.60E-06	8.80E-08	2.12E-06	8.60E-08	2.30E-06
2403	496118.25, 3859442.96	4.96E-06	1.50E-05	8.67E-06	1.66E-07	4.00E-06	1.62E-07	4.33E-06	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06
2404	496218.25, 3859442.96	4.90E-06	1.48E-05	8.57E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.58E-06	7.79E-06	4.51E-06	8.62E-08	2.08E-06	8.42E-08	2.25E-06
2405	496318.25, 3859442.96	4.84E-06	1.46E-05	8.45E-06	1.61E-07	3.90E-06	1.58E-07	4.22E-06	2.54E-06	7.68E-06	4.45E-06	8.50E-08	2.05E-06	8.30E-08	2.22E-06
2406	496418.25, 3859442.96	4.77E-06	1.44E-05	8.33E-06	1.59E-07	3.84E-06	1.56E-07	4.16E-06	2.51E-06	7.57E-06	4.39E-06	8.38E-08	2.02E-06	8.19E-08	2.19E-06
2407	495718.25, 3859542.96	5.18E-06	1.57E-05	9.06E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.74E-06	8.26E-06	4.78E-06	9.14E-08	2.21E-06	8.93E-08	2.39E-06
2408	495818.25, 3859542.96	5.10E-06	1.54E-05	8.92E-06	1.70E-07	4.12E-06	1.66E-07	4.45E-06	2.69E-06	8.13E-06	4.71E-06	8.99E-08	2.17E-06	8.79E-08	2.35E-06
2409	495918.25, 3859542.96	5.02E-06	1.52E-05	8.77E-06	1.68E-07	4.05E-06	1.64E-07	4.38E-06	2.65E-06	8.00E-06	4.63E-06	8.84E-08	2.14E-06	8.64E-08	2.31E-06
2410	496018.25, 3859542.96	4.94E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.31E-06	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06
2411	496118.25, 3859542.96	4.88E-06	1.47E-05	8.54E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.58E-06	7.79E-06	4.51E-06	8.61E-08	2.08E-06	8.42E-08	2.25E-06
2412	496218.25, 3859542.96	4.82E-06	1.46E-05	8.43E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	2.55E-06	7.70E-06	4.46E-06	8.51E-08	2.06E-06	8.32E-08	2.22E-06
2413	496318.25, 3859542.96	4.76E-06	1.44E-05	8.32E-06	1.59E-07	3.84E-06	1.55E-07	4.15E-06	2.52E-06	7.60E-06	4.40E-06	8.41E-08	2.03E-06	8.21E-08	2.20E-06
2414	496418.25, 3859542.96	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.48E-06	7.50E-06	4.34E-06	8.29E-08	2.00E-06	8.10E-08	2.17E-06

2415	495718.25, 3859642.96	5.09E-06	1.54E-05	8.90E-06	1.70E-07	4.11E-06	1.66E-07	4.44E-06	2.70E-06	8.16E-06	4.72E-06	9.02E-08	2.18E-06	8.82E-08	2.36E-06
2416	495818.25, 3859642.96	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06	2.66E-06	8.02E-06	4.64E-06	8.87E-08	2.14E-06	8.67E-08	2.32E-06
2417	495918.25, 3859642.96	4.93E-06	1.49E-05	8.62E-06	1.65E-07	3.98E-06	1.61E-07	4.30E-06	2.61E-06	7.89E-06	4.57E-06	8.73E-08	2.11E-06	8.53E-08	2.28E-06
2418	496018.25, 3859642.96	4.86E-06	1.47E-05	8.49E-06	1.62E-07	3.92E-06	1.59E-07	4.24E-06	2.58E-06	7.78E-06	4.50E-06	8.60E-08	2.08E-06	8.41E-08	2.25E-06
2419	496118.25, 3859642.96	4.81E-06	1.45E-05	8.41E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.55E-06	7.71E-06	4.46E-06	8.53E-08	2.06E-06	8.33E-08	2.23E-06
2420	496218.25, 3859642.96	4.75E-06	1.43E-05	8.30E-06	1.59E-07	3.83E-06	1.55E-07	4.14E-06	2.52E-06	7.62E-06	4.41E-06	8.43E-08	2.04E-06	8.23E-08	2.20E-06
2421	496318.25, 3859642.96	4.68E-06	1.41E-05	8.19E-06	1.56E-07	3.78E-06	1.53E-07	4.09E-06	2.49E-06	7.51E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
2422	496418.25, 3859642.96	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	2.43E-06	7.34E-06	4.25E-06	8.12E-08	1.96E-06	7.94E-08	2.12E-06
2423	495718.25, 3859742.96	4.98E-06	1.51E-05	8.71E-06	1.66E-07	4.02E-06	1.63E-07	4.35E-06	2.66E-06	8.03E-06	4.65E-06	8.88E-08	2.15E-06	8.68E-08	2.32E-06
2424	495818.25, 3859742.96	4.91E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06	2.62E-06	7.92E-06	4.58E-06	8.75E-08	2.11E-06	8.56E-08	2.29E-06
2425	495918.25, 3859742.96	4.84E-06	1.46E-05	8.46E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.58E-06	7.80E-06	4.51E-06	8.62E-08	2.08E-06	8.43E-08	2.25E-06
2426	496018.25, 3859742.96	4.77E-06	1.44E-05	8.34E-06	1.59E-07	3.85E-06	1.56E-07	4.16E-06	2.54E-06	7.68E-06	4.45E-06	8.49E-08	2.05E-06	8.30E-08	2.22E-06
2427	496118.25, 3859742.96	4.72E-06	1.42E-05	8.24E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.52E-06	7.60E-06	4.40E-06	8.40E-08	2.03E-06	8.21E-08	2.20E-06
2428	496218.25, 3859742.96	4.65E-06	1.41E-05	8.14E-06	1.55E-07	3.75E-06	1.52E-07	4.06E-06	2.49E-06	7.51E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
2429	496318.25, 3859742.96	4.58E-06	1.38E-05	8.00E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06	2.44E-06	7.38E-06	4.27E-06	8.16E-08	1.97E-06	7.97E-08	2.13E-06
2430	496418.25, 3859742.96	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06	2.40E-06	7.24E-06	4.19E-06	8.01E-08	1.94E-06	7.83E-08	2.09E-06
2431	495718.25, 3859842.96	4.84E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.60E-06	7.86E-06	4.55E-06	8.69E-08	2.10E-06	8.50E-08	2.27E-06
2432	495818.25, 3859842.96	4.77E-06	1.44E-05	8.35E-06	1.59E-07	3.85E-06	1.56E-07	4.17E-06	2.57E-06	7.75E-06	4.48E-06	8.57E-08	2.07E-06	8.37E-08	2.24E-06
2433	495918.25, 3859842.96	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.53E-06	7.64E-06	4.42E-06	8.45E-08	2.04E-06	8.26E-08	2.21E-06
2434	496018.25, 3859842.96	4.65E-06	1.40E-05	8.13E-06	1.55E-07	3.75E-06	1.52E-07	4.06E-06	2.50E-06	7.54E-06	4.37E-06	8.34E-08	2.02E-06	8.15E-08	2.18E-06
2435	496118.25, 3859842.96	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	2.47E-06	7.45E-06	4.31E-06	8.24E-08	1.99E-06	8.05E-08	2.15E-06
2436	496218.25, 3859842.96	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.43E-06	7.34E-06	4.25E-06	8.12E-08	1.96E-06	7.94E-08	2.12E-06
2437	496318.25, 3859842.96	4.45E-06	1.34E-05	7.78E-06	1.49E-07	3.59E-06	1.45E-07	3.88E-06	2.38E-06	7.19E-06	4.16E-06	7.95E-08	1.92E-06	7.77E-08	2.08E-06
2438	496418.25, 3859842.96	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.79E-06	2.32E-06	7.02E-06	4.06E-06	7.76E-08	1.87E-06	7.58E-08	2.03E-06
2439	495718.25, 3859942.96	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.54E-06	7.68E-06	4.45E-06	8.50E-08	2.05E-06	8.30E-08	2.22E-06
2440	495818.25, 3859942.96	4.64E-06	1.40E-05	8.10E-06	1.55E-07	3.74E-06	1.51E-07	4.05E-06	2.51E-06	7.58E-06	4.39E-06	8.38E-08	2.02E-06	8.19E-08	2.19E-06
2441	495918.25, 3859942.96	4.58E-06	1.38E-05	8.00E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06	2.48E-06	7.48E-06	4.33E-06	8.27E-08	2.00E-06	8.08E-08	2.16E-06
2442	496018.25, 3859942.96	4.51E-06	1.36E-05	7.88E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.44E-06	7.38E-06	4.27E-06	8.16E-08	1.97E-06	7.98E-08	2.13E-06
2443	496118.25, 3859942.96	4.46E-06	1.35E-05	7.80E-06	1.49E-07	3.60E-06	1.46E-07	3.89E-06	2.41E-06	7.29E-06	4.22E-06	8.06E-08	1.95E-06	7.88E-08	2.11E-06
2444	496218.25, 3859942.96	4.41E-06	1.33E-05	7.70E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	2.38E-06	7.18E-06	4.16E-06	7.94E-08	1.92E-06	7.76E-08	2.08E-06
2445	496318.25, 3859942.96	4.34E-06	1.31E-05	7.59E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.34E-06	7.06E-06	4.08E-06	7.80E-08	1.88E-06	7.62E-08	2.04E-06
2446	496418.25, 3859942.96	4.24E-06	1.28E-05	7.41E-06	1.42E-07	3.42E-06	1.38E-07	3.70E-06	2.28E-06	6.87E-06	3.98E-06	7.60E-08	1.84E-06	7.42E-08	1.99E-06
2447	496856.82, 3858864.83	4.52E-06	1.36E-05	7.89E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.35E-06	7.09E-06	4.10E-06	7.84E-08	1.89E-06	7.66E-08	2.05E-06
2448	496956.82, 3858864.83	4.45E-06	1.34E-05	7.78E-06	1.49E-07	3.59E-06	1.45E-07	3.88E-06	2.31E-06	6.99E-06	4.04E-06	7.73E-08	1.87E-06	7.55E-08	2.02E-06
2449	497056.82, 3858864.83	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06	2.28E-06	6.88E-06	3.98E-06	7.61E-08	1.84E-06	7.43E-08	1.99E-06
2450	497156.82, 3858864.83	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.47E-06	1.41E-07	3.76E-06	2.24E-06	6.77E-06	3.92E-06	7.48E-08	1.81E-06	7.31E-08	1.96E-06
2451	497256.82, 3858864.83	4.26E-06	1.29E-05	7.45E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
2452	496856.82, 3858964.83	4.56E-06	1.38E-05	7.97E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06	2.37E-06	7.16E-06	4.15E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06
2453	496956.82, 3858964.83	4.47E-06	1.35E-05	7.82E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06	2.33E-06	7.03E-06	4.07E-06	7.78E-08	1.88E-06	7.60E-08	2.03E-06
2454	497056.82, 3858964.83	4.40E-06	1.33E-05	7.70E-06	1.47E-07	3.55E-06	1.44E-07	3.84E-06	2.29E-06	6.93E-06	4.01E-06	7.66E-08	1.85E-06	7.48E-08	2.00E-06
2455	497156.82, 3858964.83	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06	2.26E-06	6.81E-06	3.94E-06	7.54E-08	1.82E-06	7.36E-08	1.97E-06
2456	497256.82, 3858964.83	4.32E-06	1.30E-05	7.55E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	2.25E-06	6.80E-06	3.94E-06	7.52E-08	1.82E-06	7.35E-08	1.96E-06
2457	496856.82, 3859064.83	4.55E-06	1.37E-05	7.95E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.37E-06	7.16E-06	4.15E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06
2458	496956.82, 3859064.83	4.48E-06	1.35E-05	7.82E-06	1.49E-07	3.61E-06	1.46E-07	3.91E-06	2.33E-06	7.05E-06	4.08E-06	7.79E-08	1.88E-06	7.62E-08	2.04E-06
2459	497056.82, 3859064.83	4.41E-06	1.33E-05	7.71E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	2.30E-06	6.95E-06	4.02E-06	7.69E-08	1.86E-06	7.51E-08	2.01E-06
2460	497156.82, 3859064.83	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06	2.27E-06	6.86E-06	3.97E-06	7.58E-08	1.83E-06	7.41E-08	1.98E-06
2461	497256.82, 3859064.83	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06	2.27E-06	6.86E-06	3.97E-06	7.59E-08	1.83E-06	7.41E-08	1.98E-06
2462	496856.82, 3859164.83	4.51E-06	1.36E-05	7.89E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06	2.36E-06	7.12E-06	4.12E-06	7.87E-08	1.90E-06	7.69E-08	2.06E-06
2463	496956.82, 3859164.83	4.43E-06	1.34E-05	7.75E-06	1.48E-07	3.58E-06	1.45E-07	3.87E-06	2.32E-06	7.00E-06	4.05E-06	7.74E-08	1.87E-06	7.56E-08	2.02E-06
2464	497056.82, 3859164.83	4.39E-06	1.32E-05	7.67E-06	1.46E-07	3.54E-06	1.43E-07	3.83E-06	2.29E-06	6.92E-06	4.01E-06	7.66E-08	1.85E-06	7.48E-08	2.00E-06
2465	497156.82, 3859164.83	4.36E-06	1.32E-05	7.62E-06	1.46E-07	3.52E-06	1.42E-07	3.81E-06	2.28E-06	6.89E-06	3.99E-06	7.61E-08	1.84E-06	7.44E-08	1.99E-06
2466	497256.82, 3859164.83	4.36E-06	1.32E-05	7.63E-06	1.46E-07	3.52E-06	1.42E-07	3.81E-06	2.28E-06	6.89E-06	3.99E-06	7.63E-08	1.84E-06	7.45E-08	1.99E-06
2467	496856.82, 3859264.83	4.45E-06	1.34E-05	7.78E-06	1.49E-07	3.59E-06	1.45E-07	3.88E-06	2.33E-06	7.04E-06	4.07E-06	7.78E-08	1.88E-06	7.60E-08	2.03E-06
2468	496956.82, 3859264.83	4.41E-06	1.33E-05	7.71E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	2.31E-06	6.97E-06	4.04E-06	7.71E-08	1.86E-06	7.54E-08	2.02E-06
2469	497056.82, 3859264.83	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06	2.29E-06	6.93E-06	4.01E-06	7.66E-08	1.85E-06	7.49E-08	2.00E-06
2470	497156.82, 3859264.83	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06	2.28E-06	6.88E-06	3.99E-06	7.61E-08	1.84E-06	7.44E-08	1.99E-06
2471	497256.82, 3859264.83	4.34E-06	1.31E-05	7.58E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.28E-06	6.87E-06	3.98E-06	7.60E-08	1.84E-06	7.43E-08	1.99E-06
2472	497088.92, 3858620.93	4.20E-06	1.27E-05	7.34E-06	1.40E-07	3.39E-06	1.37E-07	3.66E-06	2.18E-06	6.58E-06	3.81E-06	7.28E-08	1.76E-06	7.11E-08	1.90E-06
2473	497138.92, 3858620.93	4.18E-06	1.26E-05	7.31E-06	1.40E-07	3.37E-06	1.36E-07	3.65E-06	2.17E-06	6.55E-06	3.79E-06	7.25E-08	1.75E-06	7.08E-08	1.89E-06
2474	497188.92, 3858620.93	4.14E-06	1.25E-05	7.24E-06	1.38E-07	3.34E-06	1.35E-07	3.62E-06	2.15E-06	6.50E-06	3.76E-06	7.19E-08	1.74E-06	7.02E-08	1.88E-06
2475	497238.92, 3858620.93	4.12E-06	1.24E-05	7.20E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.14E-06	6.46E-06	3.74E-06	7.14E-08	1.73E-06	6.98E-08	1.87E-06
2476	497088.92, 3858670.93	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06	2.18E-06	6.58E-06	3.81E-06	7.27E-08	1.76E-06	7.11E-08	1.90E-06

2477	497138.92, 3858670.93	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06	2.18E-06	6.57E-06	3.81E-06	7.27E-08	1.76E-06	7.11E-08	1.90E-06
2478	497188.92, 3858670.93	4.15E-06	1.25E-05	7.26E-06	1.39E-07	3.35E-06	1.36E-07	3.63E-06	2.16E-06	6.52E-06	3.77E-06	7.21E-08	1.74E-06	7.04E-08	1.88E-06
2479	497238.92, 3858670.93	4.14E-06	1.25E-05	7.24E-06	1.38E-07	3.34E-06	1.35E-07	3.62E-06	2.15E-06	6.50E-06	3.76E-06	7.19E-08	1.74E-06	7.03E-08	1.88E-06
2480	497088.92, 3858720.93	4.27E-06	1.29E-05	7.46E-06	1.43E-07	3.44E-06	1.39E-07	3.73E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
2481	497138.92, 3858720.93	4.18E-06	1.26E-05	7.30E-06	1.39E-07	3.37E-06	1.36E-07	3.64E-06	2.17E-06	6.55E-06	3.79E-06	7.25E-08	1.75E-06	7.08E-08	1.89E-06
2482	497188.92, 3858720.93	4.15E-06	1.25E-05	7.25E-06	1.39E-07	3.35E-06	1.35E-07	3.62E-06	2.16E-06	6.51E-06	3.77E-06	7.20E-08	1.74E-06	7.04E-08	1.88E-06
2483	497238.92, 3858720.93	4.19E-06	1.26E-05	7.32E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06	2.18E-06	6.57E-06	3.81E-06	7.27E-08	1.76E-06	7.10E-08	1.90E-06
2484	497088.92, 3858770.93	4.28E-06	1.29E-05	7.49E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06	2.23E-06	6.72E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
2485	497138.92, 3858770.93	4.24E-06	1.28E-05	7.42E-06	1.42E-07	3.42E-06	1.38E-07	3.70E-06	2.21E-06	6.66E-06	3.86E-06	7.37E-08	1.78E-06	7.20E-08	1.92E-06
2486	497188.92, 3858770.93	4.22E-06	1.27E-05	7.38E-06	1.41E-07	3.40E-06	1.38E-07	3.68E-06	2.19E-06	6.62E-06	3.83E-06	7.33E-08	1.77E-06	7.16E-08	1.91E-06
2487	497238.92, 3858770.93	4.23E-06	1.28E-05	7.40E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.20E-06	6.65E-06	3.85E-06	7.35E-08	1.78E-06	7.18E-08	1.92E-06
2488	497396.65, 3858622.63	4.20E-06	1.27E-05	7.35E-06	1.40E-07	3.39E-06	1.37E-07	3.67E-06	2.18E-06	6.59E-06	3.82E-06	7.29E-08	1.76E-06	7.12E-08	1.90E-06
2489	497496.65, 3858622.63	4.23E-06	1.28E-05	7.40E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.20E-06	6.64E-06	3.84E-06	7.34E-08	1.77E-06	7.17E-08	1.92E-06
2490	497596.65, 3858622.63	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.76E-06	2.24E-06	6.75E-06	3.91E-06	7.46E-08	1.80E-06	7.29E-08	1.95E-06
2491	497696.65, 3858622.63	4.29E-06	1.30E-05	7.50E-06	1.43E-07	3.46E-06	1.40E-07	3.75E-06	2.23E-06	6.74E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
2492	497796.65, 3858622.63	4.31E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06	2.24E-06	6.77E-06	3.92E-06	7.49E-08	1.81E-06	7.32E-08	1.96E-06
2493	497896.65, 3858622.63	4.33E-06	1.31E-05	7.56E-06	1.44E-07	3.49E-06	1.41E-07	3.78E-06	2.25E-06	6.80E-06	3.93E-06	7.52E-08	1.82E-06	7.34E-08	1.96E-06
2494	497396.65, 3858722.63	4.26E-06	1.29E-05	7.45E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.22E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
2495	497496.65, 3858722.63	4.29E-06	1.29E-05	7.49E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06	2.23E-06	6.73E-06	3.90E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
2496	497596.65, 3858722.63	4.33E-06	1.31E-05	7.58E-06	1.45E-07	3.50E-06	1.41E-07	3.78E-06	2.25E-06	6.81E-06	3.94E-06	7.53E-08	1.82E-06	7.36E-08	1.97E-06
2497	497696.65, 3858722.63	4.34E-06	1.31E-05	7.59E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.26E-06	6.82E-06	3.95E-06	7.55E-08	1.82E-06	7.38E-08	1.97E-06
2498	497796.65, 3858722.63	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06	2.25E-06	6.81E-06	3.94E-06	7.53E-08	1.82E-06	7.35E-08	1.97E-06
2499	497896.65, 3858722.63	4.32E-06	1.31E-05	7.56E-06	1.44E-07	3.49E-06	1.41E-07	3.77E-06	2.25E-06	6.80E-06	3.94E-06	7.52E-08	1.82E-06	7.35E-08	1.96E-06
2500	497396.65, 3858822.63	4.29E-06	1.29E-05	7.49E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06	2.23E-06	6.74E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
2501	497496.65, 3858822.63	4.30E-06	1.30E-05	7.51E-06	1.43E-07	3.47E-06	1.40E-07	3.75E-06	2.24E-06	6.75E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06
2502	497596.65, 3858822.63	4.35E-06	1.31E-05	7.61E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06	2.27E-06	6.84E-06	3.96E-06	7.57E-08	1.83E-06	7.40E-08	1.98E-06
2503	497696.65, 3858822.63	4.34E-06	1.31E-05	7.59E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.26E-06	6.83E-06	3.95E-06	7.55E-08	1.82E-06	7.38E-08	1.97E-06
2504	497796.65, 3858822.63	4.33E-06	1.31E-05	7.56E-06	1.44E-07	3.49E-06	1.41E-07	3.77E-06	2.25E-06	6.81E-06	3.94E-06	7.53E-08	1.82E-06	7.36E-08	1.97E-06
2505	497896.65, 3858822.63	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06	2.26E-06	6.82E-06	3.95E-06	7.54E-08	1.82E-06	7.37E-08	1.97E-06
2506	497396.65, 3858922.63	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.47E-06	1.41E-07	3.76E-06	2.24E-06	6.78E-06	3.92E-06	7.49E-08	1.81E-06	7.32E-08	1.96E-06
2507	497496.65, 3858922.63	4.34E-06	1.31E-05	7.59E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.26E-06	6.84E-06	3.96E-06	7.56E-08	1.83E-06	7.39E-08	1.98E-06
2508	497596.65, 3858922.63	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.47E-06	1.41E-07	3.76E-06	2.25E-06	6.78E-06	3.93E-06	7.50E-08	1.81E-06	7.33E-08	1.96E-06
2509	497696.65, 3858922.63	4.34E-06	1.31E-05	7.59E-06	1.45E-07	3.50E-06	1.42E-07	3.79E-06	2.27E-06	6.84E-06	3.96E-06	7.57E-08	1.83E-06	7.39E-08	1.98E-06
2510	497796.65, 3858922.63	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06	2.26E-06	6.83E-06	3.95E-06	7.56E-08	1.82E-06	7.38E-08	1.97E-06
2511	497896.65, 3858922.63	4.34E-06	1.31E-05	7.58E-06	1.45E-07	3.50E-06	1.41E-07	3.78E-06	2.27E-06	6.85E-06	3.96E-06	7.57E-08	1.83E-06	7.40E-08	1.98E-06
2512	497364.44, 3858201.52	4.04E-06	1.22E-05	7.07E-06	1.35E-07	3.26E-06	1.32E-07	3.53E-06	2.09E-06	6.33E-06	3.66E-06	7.00E-08	1.69E-06	6.84E-08	1.83E-06
2513	497414.44, 3858201.52	4.06E-06	1.23E-05	7.10E-06	1.36E-07	3.28E-06	1.33E-07	3.55E-06	2.11E-06	6.36E-06	3.68E-06	7.03E-08	1.70E-06	6.87E-08	1.84E-06
2514	497464.44, 3858201.52	4.08E-06	1.23E-05	7.13E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06	2.11E-06	6.38E-06	3.70E-06	7.06E-08	1.71E-06	6.90E-08	1.84E-06
2515	497514.44, 3858201.52	4.08E-06	1.23E-05	7.12E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06
2516	497564.44, 3858201.52	4.06E-06	1.23E-05	7.09E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.10E-06	6.35E-06	3.67E-06	7.02E-08	1.70E-06	6.86E-08	1.83E-06
2517	497614.44, 3858201.52	4.06E-06	1.22E-05	7.09E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.10E-06	6.34E-06	3.67E-06	7.02E-08	1.69E-06	6.86E-08	1.83E-06
2518	497364.44, 3858251.52	4.09E-06	1.24E-05	7.15E-06	1.37E-07	3.30E-06	1.33E-07	3.57E-06	2.12E-06	6.40E-06	3.70E-06	7.08E-08	1.71E-06	6.92E-08	1.85E-06
2519	497414.44, 3858251.52	4.12E-06	1.24E-05	7.20E-06	1.38E-07	3.32E-06	1.34E-07	3.59E-06	2.13E-06	6.44E-06	3.73E-06	7.12E-08	1.72E-06	6.96E-08	1.86E-06
2520	497464.44, 3858251.52	4.09E-06	1.23E-05	7.14E-06	1.36E-07	3.30E-06	1.33E-07	3.57E-06	2.12E-06	6.39E-06	3.70E-06	7.07E-08	1.71E-06	6.91E-08	1.85E-06
2521	497514.44, 3858251.52	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.53E-06	2.10E-06	6.34E-06	3.67E-06	7.01E-08	1.69E-06	6.85E-08	1.83E-06
2522	497564.44, 3858251.52	4.03E-06	1.22E-05	7.05E-06	1.35E-07	3.25E-06	1.32E-07	3.52E-06	2.09E-06	6.31E-06	3.65E-06	6.98E-08	1.69E-06	6.82E-08	1.82E-06
2523	497614.44, 3858251.52	4.01E-06	1.21E-05	7.02E-06	1.34E-07	3.24E-06	1.31E-07	3.50E-06	2.08E-06	6.28E-06	3.64E-06	6.95E-08	1.68E-06	6.79E-08	1.82E-06
2524	497364.44, 3858301.52	4.10E-06	1.24E-05	7.17E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.72E-06	6.94E-08	1.86E-06
2525	497414.44, 3858301.52	4.12E-06	1.24E-05	7.19E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.13E-06	6.44E-06	3.73E-06	7.12E-08	1.72E-06	6.96E-08	1.86E-06
2526	497464.44, 3858301.52	4.07E-06	1.23E-05	7.12E-06	1.36E-07	3.29E-06	1.33E-07	3.55E-06	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06
2527	497514.44, 3858301.52	4.05E-06	1.22E-05	7.07E-06	1.35E-07	3.26E-06	1.32E-07	3.53E-06	2.10E-06	6.34E-06	3.67E-06	7.01E-08	1.69E-06	6.85E-08	1.83E-06
2528	497564.44, 3858301.52	4.01E-06	1.21E-05	7.01E-06	1.34E-07	3.23E-06	1.31E-07	3.50E-06	2.08E-06	6.28E-06	3.64E-06	6.95E-08	1.68E-06	6.79E-08	1.82E-06
2529	497614.44, 3858301.52	3.99E-06	1.20E-05	6.97E-06	1.33E-07	3.22E-06	1.30E-07	3.48E-06	2.07E-06	6.25E-06	3.62E-06	6.91E-08	1.67E-06	6.75E-08	1.81E-06
2530	497364.44, 3858351.52	4.12E-06	1.24E-05	7.20E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.13E-06	6.44E-06	3.73E-06	7.13E-08	1.72E-06	6.96E-08	1.86E-06
2531	497414.44, 3858351.52	4.09E-06	1.23E-05	7.15E-06	1.37E-07	3.30E-06	1.33E-07	3.57E-06	2.12E-06	6.40E-06	3.71E-06	7.08E-08	1.71E-06	6.92E-08	1.85E-06
2532	497464.44, 3858351.52	4.07E-06	1.23E-05	7.12E-06	1.36E-07	3.29E-06	1.33E-07	3.55E-06	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06
2533	497514.44, 3858351.52	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.10E-06	6.34E-06	3.67E-06	7.02E-08	1.69E-06	6.86E-08	1.83E-06
2534	497564.44, 3858351.52	4.00E-06	1.21E-05	7.00E-06	1.34E-07	3.23E-06	1.31E-07	3.49E-06	2.08E-06	6.27E-06	3.63E-06	6.94E-08	1.68E-06	6.78E-08	1.81E-06
2535	497614.44, 3858351.52	3.99E-06	1.20E-05	6.97E-06	1.33E-07	3.22E-06	1.30E-07	3.48E-06	2.07E-06	6.25E-06	3.62E-06	6.91E-08	1.67E-06	6.75E-08	1.81E-06
2536	497364.44, 3858401.52	4.10E-06	1.24E-05	7.17E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.71E-06	6.94E-08	1.86E-06
2537	497414.44, 3858401.52	4.08E-06	1.23E-05	7.13E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06	2.12E-06	6.39E-06	3.70E-06	7.07E-08	1.71E-06	6.90E-08	1.85E-06
2538	497464.44, 3858401.52	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.10E-06	6.35E-06	3.68E-06	7.02E-08	1.70E-06	6.86E-08	1.83E-06

2539	497514.44, 3858401.52	4.03E-06	1.22E-05	7.04E-06	1.35E-07	3.25E-06	1.32E-07	3.52E-06	2.09E-06	6.32E-06	3.66E-06	6.98E-08	1.69E-06	6.83E-08	1.83E-06
2540	497564.44, 3858401.52	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.53E-06	2.10E-06	6.35E-06	3.67E-06	7.02E-08	1.70E-06	6.86E-08	1.83E-06
2541	497614.44, 3858401.52	4.07E-06	1.23E-05	7.12E-06	1.36E-07	3.28E-06	1.33E-07	3.55E-06	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06
2542	493478.11, 3860497.94	5.48E-06	1.65E-05	9.58E-06	1.83E-07	4.42E-06	1.79E-07	4.78E-06	3.31E-06	9.98E-06	5.78E-06	1.10E-07	2.67E-06	1.08E-07	2.88E-06
2543	493528.11, 3860497.94	5.41E-06	1.63E-05	9.46E-06	1.81E-07	4.37E-06	1.77E-07	4.72E-06	3.26E-06	9.85E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06
2544	493478.11, 3860547.94	5.36E-06	1.62E-05	9.37E-06	1.79E-07	4.33E-06	1.75E-07	4.68E-06	3.27E-06	9.89E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
2545	493528.11, 3860547.94	5.30E-06	1.60E-05	9.27E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.05E-07	2.82E-06
2546	493478.11, 3860597.94	5.26E-06	1.59E-05	9.19E-06	1.76E-07	4.24E-06	1.72E-07	4.59E-06	3.25E-06	9.82E-06	5.68E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
2547	493528.11, 3860597.94	5.20E-06	1.57E-05	9.09E-06	1.74E-07	4.19E-06	1.70E-07	4.54E-06	3.21E-06	9.69E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
2548	493561.88, 3860524.64	5.31E-06	1.60E-05	9.28E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06	3.22E-06	9.71E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.81E-06
2549	493591.88, 3860524.64	5.28E-06	1.59E-05	9.22E-06	1.76E-07	4.26E-06	1.72E-07	4.60E-06	3.19E-06	9.63E-06	5.58E-06	1.07E-07	2.57E-06	1.04E-07	2.78E-06
2550	493561.88, 3860554.64	5.25E-06	1.58E-05	9.17E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06	3.20E-06	9.66E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
2551	493591.88, 3860554.64	5.21E-06	1.57E-05	9.11E-06	1.74E-07	4.20E-06	1.70E-07	4.55E-06	3.17E-06	9.58E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2552	492880.5, 3860293.11	8.00E-06	2.42E-05	1.40E-05	2.67E-07	6.46E-06	2.61E-07	6.99E-06	4.65E-06	1.40E-05	8.12E-06	1.55E-07	3.75E-06	1.52E-07	4.05E-06
2553	492930.5, 3860293.11	7.79E-06	2.35E-05	1.36E-05	2.60E-07	6.28E-06	2.54E-07	6.79E-06	4.51E-06	1.36E-05	7.89E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06
2554	492980.5, 3860293.11	7.62E-06	2.30E-05	1.33E-05	2.54E-07	6.15E-06	2.49E-07	6.65E-06	4.41E-06	1.33E-05	7.70E-06	1.47E-07	3.55E-06	1.44E-07	3.85E-06
2555	493030.5, 3860293.11	7.45E-06	2.25E-05	1.30E-05	2.49E-07	6.01E-06	2.43E-07	6.50E-06	4.28E-06	1.29E-05	7.48E-06	1.43E-07	3.45E-06	1.40E-07	3.74E-06
2556	493080.5, 3860293.11	7.32E-06	2.21E-05	1.28E-05	2.44E-07	5.90E-06	2.39E-07	6.39E-06	4.18E-06	1.26E-05	7.31E-06	1.40E-07	3.37E-06	1.36E-07	3.65E-06
2557	493130.5, 3860293.11	7.21E-06	2.18E-05	1.26E-05	2.41E-07	5.82E-06	2.35E-07	6.29E-06	4.13E-06	1.25E-05	7.22E-06	1.38E-07	3.33E-06	1.35E-07	3.60E-06
2558	493180.5, 3860293.11	7.08E-06	2.14E-05	1.24E-05	2.36E-07	5.71E-06	2.31E-07	6.18E-06	4.07E-06	1.23E-05	7.11E-06	1.36E-07	3.28E-06	1.33E-07	3.55E-06
2559	493230.5, 3860293.11	6.97E-06	2.11E-05	1.22E-05	2.33E-07	5.62E-06	2.28E-07	6.08E-06	4.00E-06	1.21E-05	7.00E-06	1.34E-07	3.23E-06	1.31E-07	3.49E-06
2560	493280.5, 3860293.11	6.90E-06	2.08E-05	1.21E-05	2.31E-07	5.57E-06	2.25E-07	6.03E-06	3.95E-06	1.19E-05	6.90E-06	1.32E-07	3.18E-06	1.29E-07	3.44E-06
2561	493330.5, 3860293.11	6.81E-06	2.05E-05	1.19E-05	2.27E-07	5.49E-06	2.22E-07	5.94E-06	3.88E-06	1.17E-05	6.79E-06	1.30E-07	3.13E-06	1.27E-07	3.39E-06
2562	493380.5, 3860293.11	6.71E-06	2.03E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.86E-06	3.82E-06	1.15E-05	6.68E-06	1.28E-07	3.08E-06	1.25E-07	3.34E-06
2563	492880.5, 3860343.11	7.57E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.60E-06	1.46E-07	3.90E-06
2564	492930.5, 3860343.11	7.25E-06	2.19E-05	1.27E-05	2.42E-07	5.85E-06	2.37E-07	6.33E-06	4.29E-06	1.29E-05	7.49E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06
2565	492980.5, 3860343.11	7.03E-06	2.12E-05	1.23E-05	2.35E-07	5.67E-06	2.29E-07	6.13E-06	4.14E-06	1.25E-05	7.23E-06	1.38E-07	3.34E-06	1.35E-07	3.61E-06
2566	493030.5, 3860343.11	6.87E-06	2.07E-05	1.20E-05	2.29E-07	5.54E-06	2.24E-07	6.00E-06	4.04E-06	1.22E-05	7.05E-06	1.35E-07	3.26E-06	1.32E-07	3.52E-06
2567	493080.5, 3860343.11	6.74E-06	2.04E-05	1.18E-05	2.25E-07	5.44E-06	2.20E-07	5.88E-06	3.93E-06	1.19E-05	6.88E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
2568	493130.5, 3860343.11	6.63E-06	2.00E-05	1.16E-05	2.21E-07	5.35E-06	2.16E-07	5.79E-06	3.87E-06	1.17E-05	6.76E-06	1.29E-07	3.12E-06	1.26E-07	3.38E-06
2569	493180.5, 3860343.11	6.51E-06	1.97E-05	1.14E-05	2.18E-07	5.25E-06	2.13E-07	5.68E-06	3.81E-06	1.15E-05	6.66E-06	1.27E-07	3.08E-06	1.24E-07	3.33E-06
2570	493230.5, 3860343.11	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.75E-06	1.13E-05	6.56E-06	1.25E-07	3.03E-06	1.22E-07	3.28E-06
2571	493280.5, 3860343.11	6.33E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06	3.69E-06	1.11E-05	6.45E-06	1.23E-07	2.98E-06	1.20E-07	3.22E-06
2572	493330.5, 3860343.11	6.25E-06	1.89E-05	1.09E-05	2.09E-07	5.04E-06	2.04E-07	5.46E-06	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.19E-07	3.17E-06
2573	493380.5, 3860343.11	6.17E-06	1.86E-05	1.08E-05	2.06E-07	4.98E-06	2.01E-07	5.38E-06	3.58E-06	1.08E-05	6.26E-06	1.20E-07	2.89E-06	1.17E-07	3.12E-06
2574	492880.5, 3860393.11	7.29E-06	2.20E-05	1.27E-05	2.44E-07	5.88E-06	2.38E-07	6.37E-06	4.37E-06	1.32E-05	7.64E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06
2575	492930.5, 3860393.11	6.98E-06	2.11E-05	1.22E-05	2.33E-07	5.63E-06	2.28E-07	6.09E-06	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06
2576	492980.5, 3860393.11	6.78E-06	2.05E-05	1.18E-05	2.26E-07	5.47E-06	2.21E-07	5.91E-06	4.05E-06	1.22E-05	7.09E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06
2577	493030.5, 3860393.11	6.62E-06	2.00E-05	1.16E-05	2.21E-07	5.34E-06	2.16E-07	5.78E-06	3.95E-06	1.19E-05	6.90E-06	1.32E-07	3.18E-06	1.29E-07	3.45E-06
2578	493080.5, 3860393.11	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	3.85E-06	1.16E-05	6.72E-06	1.28E-07	3.10E-06	1.25E-07	3.36E-06
2579	493130.5, 3860393.11	6.38E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.57E-06	3.78E-06	1.14E-05	6.61E-06	1.26E-07	3.05E-06	1.23E-07	3.30E-06
2580	493180.5, 3860393.11	6.28E-06	1.90E-05	1.10E-05	2.10E-07	5.06E-06	2.05E-07	5.48E-06	3.73E-06	1.13E-05	6.52E-06	1.25E-07	3.01E-06	1.22E-07	3.25E-06
2581	493230.5, 3860393.11	6.18E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06	3.67E-06	1.11E-05	6.41E-06	1.22E-07	2.96E-06	1.20E-07	3.20E-06
2582	493280.5, 3860393.11	6.10E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.32E-06	3.60E-06	1.09E-05	6.29E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06
2583	493330.5, 3860393.11	6.02E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.96E-07	5.25E-06	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06
2584	493380.5, 3860393.11	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.18E-06	3.49E-06	1.05E-05	6.10E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
2585	492880.5, 3860443.11	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.52E-06	2.23E-07	5.97E-06	4.19E-06	1.27E-05	7.33E-06	1.40E-07	3.38E-06	1.37E-07	3.66E-06
2586	492930.5, 3860443.11	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	4.09E-06	1.23E-05	7.14E-06	1.36E-07	3.30E-06	1.33E-07	3.57E-06
2587	492980.5, 3860443.11	6.54E-06	1.98E-05	1.14E-05	2.18E-07	5.28E-06	2.13E-07	5.71E-06	3.98E-06	1.20E-05	6.96E-06	1.33E-07	3.21E-06	1.30E-07	3.48E-06
2588	493030.5, 3860443.11	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	3.89E-06	1.17E-05	6.80E-06	1.30E-07	3.14E-06	1.27E-07	3.39E-06
2589	493080.5, 3860443.11	6.30E-06	1.90E-05	1.10E-05	2.10E-07	5.08E-06	2.06E-07	5.50E-06	3.81E-06	1.15E-05	6.66E-06	1.27E-07	3.07E-06	1.24E-07	3.32E-06
2590	493130.5, 3860443.11	6.20E-06	1.87E-05	1.08E-05	2.07E-07	5.00E-06	2.02E-07	5.41E-06	3.73E-06	1.13E-05	6.53E-06	1.25E-07	3.01E-06	1.22E-07	3.26E-06
2591	493180.5, 3860443.11	6.10E-06	1.84E-05	1.07E-05	2.04E-07	4.92E-06	1.99E-07	5.32E-06	3.68E-06	1.11E-05	6.43E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06
2592	493230.5, 3860443.11	6.01E-06	1.81E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.24E-06	3.61E-06	1.09E-05	6.30E-06	1.20E-07	2.91E-06	1.18E-07	3.15E-06
2593	493280.5, 3860443.11	5.93E-06	1.79E-05	1.04E-05	1.98E-07	4.78E-06	1.93E-07	5.17E-06	3.54E-06	1.07E-05	6.20E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06
2594	493330.5, 3860443.11	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.10E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
2595	493380.5, 3860443.11	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.66E-06	1.88E-07	5.04E-06	3.43E-06	1.04E-05	6.00E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
2596	493180.5, 3860493.11	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.19E-06	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.19E-07	3.17E-06
2597	493230.5, 3860493.11	5.86E-06	1.77E-05	1.02E-05	1.96E-07	4.73E-06	1.91E-07	5.11E-06	3.56E-06	1.08E-05	6.23E-06	1.19E-07	2.88E-06	1.16E-07	3.11E-06
2598	493280.5, 3860493.11	5.78E-06	1.74E-05	1.01E-05	1.93E-07	4.66E-06	1.89E-07	5.04E-06	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.82E-06	1.14E-07	3.06E-06
2599	493330.5, 3860493.11	5.70E-06	1.72E-05	9.97E-06	1.90E-07	4.60E-06	1.86E-07	4.98E-06	3.44E-06	1.04E-05	6.02E-06	1.15E-07	2.78E-06	1.12E-07	3.00E-06
2600	493380.5, 3860493.11	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06

2601	493330.5, 3860543.11	5.58E-06	1.68E-05	9.75E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.98E-06
2602	493380.5, 3860543.11	5.51E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	3.36E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.94E-06
2603	494135.94, 3860876.85	4.31E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06	2.80E-06	8.47E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
2604	494185.94, 3860876.85	4.28E-06	1.29E-05	7.47E-06	1.43E-07	3.45E-06	1.40E-07	3.73E-06	2.77E-06	8.38E-06	4.85E-06	9.27E-08	2.24E-06	9.05E-08	2.42E-06
2605	494135.94, 3860926.85	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.75E-06	2.85E-06	8.59E-06	4.97E-06	9.50E-08	2.30E-06	9.29E-08	2.48E-06
2606	494185.94, 3860926.85	4.27E-06	1.29E-05	7.46E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.82E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.19E-08	2.46E-06
2607	494135.94, 3860976.85	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06	2.90E-06	8.77E-06	5.08E-06	9.70E-08	2.34E-06	9.48E-08	2.53E-06
2608	494185.94, 3860976.85	4.27E-06	1.29E-05	7.47E-06	1.43E-07	3.45E-06	1.39E-07	3.73E-06	2.87E-06	8.67E-06	5.02E-06	9.58E-08	2.31E-06	9.37E-08	2.50E-06
2609	494135.94, 3861026.85	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.79E-06	2.99E-06	9.02E-06	5.22E-06	9.98E-08	2.41E-06	9.75E-08	2.61E-06
2610	494185.94, 3861026.85	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.75E-06	2.95E-06	8.90E-06	5.15E-06	9.85E-08	2.38E-06	9.62E-08	2.57E-06
2611	494135.94, 3861076.85	4.41E-06	1.33E-05	7.71E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
2612	494185.94, 3861076.85	4.36E-06	1.32E-05	7.62E-06	1.46E-07	3.52E-06	1.42E-07	3.80E-06	3.05E-06	9.22E-06	5.34E-06	1.02E-07	2.46E-06	9.96E-08	2.66E-06
2613	490360.04, 3858710.04	1.59E-05	4.79E-05	2.77E-05	5.30E-07	1.28E-05	5.18E-07	1.38E-05	8.40E-06	2.54E-05	1.47E-05	2.80E-07	6.77E-06	2.74E-07	7.33E-06
2614	490410.04, 3858710.04	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	8.26E-06	2.49E-05	1.44E-05	2.76E-07	6.66E-06	2.69E-07	7.20E-06
2615	490460.04, 3858710.04	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.03E-07	1.34E-05	8.13E-06	2.45E-05	1.42E-05	2.71E-07	6.56E-06	2.65E-07	7.09E-06
2616	490510.04, 3858710.04	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05	8.00E-06	2.42E-05	1.40E-05	2.67E-07	6.45E-06	2.61E-07	6.98E-06
2617	490560.04, 3858710.04	1.49E-05	4.51E-05	2.61E-05	4.99E-07	1.21E-05	4.88E-07	1.30E-05	7.88E-06	2.38E-05	1.38E-05	2.63E-07	6.35E-06	2.57E-07	6.87E-06
2618	490610.04, 3858710.04	1.47E-05	4.45E-05	2.58E-05	4.92E-07	1.19E-05	4.81E-07	1.29E-05	7.76E-06	2.34E-05	1.36E-05	2.59E-07	6.26E-06	2.53E-07	6.77E-06
2619	490660.04, 3858710.04	1.45E-05	4.38E-05	2.54E-05	4.85E-07	1.17E-05	4.74E-07	1.27E-05	7.64E-06	2.31E-05	1.33E-05	2.55E-07	6.16E-06	2.49E-07	6.66E-06
2620	490710.04, 3858710.04	1.43E-05	4.33E-05	2.50E-05	4.79E-07	1.16E-05	4.68E-07	1.25E-05	7.53E-06	2.27E-05	1.32E-05	2.52E-07	6.08E-06	2.46E-07	6.57E-06
2621	490760.04, 3858710.04	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05	7.43E-06	2.24E-05	1.30E-05	2.48E-07	5.99E-06	2.42E-07	6.48E-06
2622	490810.04, 3858710.04	1.40E-05	4.22E-05	2.44E-05	4.66E-07	1.13E-05	4.56E-07	1.22E-05	7.33E-06	2.21E-05	1.28E-05	2.45E-07	5.91E-06	2.39E-07	6.39E-06
2623	490860.04, 3858710.04	1.38E-05	4.17E-05	2.41E-05	4.61E-07	1.11E-05	4.51E-07	1.20E-05	7.24E-06	2.18E-05	1.26E-05	2.42E-07	5.84E-06	2.36E-07	6.31E-06
2624	490360.04, 3858760.04	1.60E-05	4.84E-05	2.80E-05	5.35E-07	1.29E-05	5.23E-07	1.40E-05	8.49E-06	2.56E-05	1.48E-05	2.84E-07	6.85E-06	2.77E-07	7.41E-06
2625	490410.04, 3858760.04	1.58E-05	4.76E-05	2.75E-05	5.26E-07	1.27E-05	5.14E-07	1.38E-05	8.35E-06	2.52E-05	1.46E-05	2.79E-07	6.73E-06	2.72E-07	7.29E-06
2626	490460.04, 3858760.04	1.55E-05	4.69E-05	2.71E-05	5.18E-07	1.25E-05	5.06E-07	1.35E-05	8.21E-06	2.48E-05	1.44E-05	2.74E-07	6.62E-06	2.68E-07	7.17E-06
2627	490510.04, 3858760.04	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.33E-05	8.08E-06	2.44E-05	1.41E-05	2.70E-07	6.52E-06	2.64E-07	7.05E-06
2628	490560.04, 3858760.04	1.51E-05	4.55E-05	2.63E-05	5.03E-07	1.22E-05	4.92E-07	1.31E-05	7.95E-06	2.40E-05	1.39E-05	2.66E-07	6.41E-06	2.59E-07	6.94E-06
2629	490610.04, 3858760.04	1.49E-05	4.49E-05	2.60E-05	4.96E-07	1.20E-05	4.85E-07	1.30E-05	7.83E-06	2.36E-05	1.37E-05	2.61E-07	6.32E-06	2.55E-07	6.83E-06
2630	490660.04, 3858760.04	1.46E-05	4.42E-05	2.56E-05	4.89E-07	1.18E-05	4.78E-07	1.28E-05	7.71E-06	2.33E-05	1.35E-05	2.57E-07	6.22E-06	2.52E-07	6.73E-06
2631	490710.04, 3858760.04	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.17E-05	4.71E-07	1.26E-05	7.60E-06	2.29E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.63E-06
2632	490760.04, 3858760.04	1.43E-05	4.31E-05	2.49E-05	4.76E-07	1.15E-05	4.65E-07	1.24E-05	7.49E-06	2.26E-05	1.31E-05	2.50E-07	6.04E-06	2.44E-07	6.54E-06
2633	490810.04, 3858760.04	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.59E-07	1.23E-05	7.39E-06	2.23E-05	1.29E-05	2.47E-07	5.96E-06	2.41E-07	6.45E-06
2634	490860.04, 3858760.04	1.39E-05	4.20E-05	2.43E-05	4.64E-07	1.12E-05	4.54E-07	1.21E-05	7.29E-06	2.20E-05	1.27E-05	2.43E-07	5.88E-06	2.38E-07	6.36E-06
2635	490360.04, 3858810.04	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.28E-07	1.41E-05	8.61E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.51E-06
2636	490410.04, 3858810.04	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.28E-05	5.20E-07	1.39E-05	8.46E-06	2.55E-05	1.48E-05	2.82E-07	6.82E-06	2.76E-07	7.38E-06
2637	490460.04, 3858810.04	1.57E-05	4.73E-05	2.74E-05	5.24E-07	1.26E-05	5.12E-07	1.37E-05	8.31E-06	2.51E-05	1.45E-05	2.78E-07	6.71E-06	2.71E-07	7.25E-06
2638	490510.04, 3858810.04	1.54E-05	4.66E-05	2.70E-05	5.15E-07	1.24E-05	5.03E-07	1.35E-05	8.17E-06	2.47E-05	1.43E-05	2.73E-07	6.59E-06	2.67E-07	7.13E-06
2639	490560.04, 3858810.04	1.52E-05	4.59E-05	2.65E-05	5.07E-07	1.23E-05	4.96E-07	1.33E-05	8.03E-06	2.43E-05	1.40E-05	2.68E-07	6.48E-06	2.62E-07	7.01E-06
2640	490610.04, 3858810.04	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05	7.91E-06	2.39E-05	1.38E-05	2.64E-07	6.38E-06	2.58E-07	6.90E-06
2641	490660.04, 3858810.04	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05	7.79E-06	2.35E-05	1.36E-05	2.60E-07	6.28E-06	2.54E-07	6.79E-06
2642	490710.04, 3858810.04	1.46E-05	4.40E-05	2.55E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05	7.67E-06	2.32E-05	1.34E-05	2.56E-07	6.19E-06	2.50E-07	6.69E-06
2643	490760.04, 3858810.04	1.44E-05	4.34E-05	2.51E-05	4.80E-07	1.16E-05	4.69E-07	1.26E-05	7.56E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06
2644	490810.04, 3858810.04	1.42E-05	4.28E-05	2.48E-05	4.73E-07	1.14E-05	4.63E-07	1.24E-05	7.45E-06	2.25E-05	1.30E-05	2.49E-07	6.01E-06	2.43E-07	6.50E-06
2645	490860.04, 3858810.04	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.57E-07	1.22E-05	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06
2646	490360.04, 3858860.04	1.64E-05	4.96E-05	2.87E-05	5.48E-07	1.32E-05	5.36E-07	1.43E-05	8.75E-06	2.64E-05	1.53E-05	2.92E-07	7.05E-06	2.85E-07	7.63E-06
2647	490410.04, 3858860.04	1.61E-05	4.87E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05	8.58E-06	2.59E-05	1.50E-05	2.86E-07	6.92E-06	2.80E-07	7.49E-06
2648	490460.04, 3858860.04	1.59E-05	4.79E-05	2.77E-05	5.29E-07	1.28E-05	5.17E-07	1.38E-05	8.42E-06	2.54E-05	1.47E-05	2.81E-07	6.80E-06	2.75E-07	7.35E-06
2649	490510.04, 3858860.04	1.56E-05	4.70E-05	2.72E-05	5.20E-07	1.26E-05	5.08E-07	1.36E-05	8.27E-06	2.50E-05	1.45E-05	2.76E-07	6.67E-06	2.70E-07	7.22E-06
2650	490560.04, 3858860.04	1.53E-05	4.63E-05	2.68E-05	5.12E-07	1.24E-05	5.00E-07	1.34E-05	8.13E-06	2.45E-05	1.42E-05	2.71E-07	6.56E-06	2.65E-07	7.09E-06
2651	490610.04, 3858860.04	1.51E-05	4.57E-05	2.64E-05	5.05E-07	1.22E-05	4.94E-07	1.32E-05	8.00E-06	2.42E-05	1.40E-05	2.67E-07	6.45E-06	2.61E-07	6.98E-06
2652	490660.04, 3858860.04	1.49E-05	4.50E-05	2.60E-05	4.98E-07	1.20E-05	4.86E-07	1.30E-05	7.87E-06	2.38E-05	1.38E-05	2.63E-07	6.35E-06	2.57E-07	6.87E-06
2653	490710.04, 3858860.04	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05	7.74E-06	2.34E-05	1.35E-05	2.59E-07	6.25E-06	2.53E-07	6.76E-06
2654	490760.04, 3858860.04	1.45E-05	4.37E-05	2.53E-05	4.84E-07	1.17E-05	4.73E-07	1.26E-05	7.63E-06	2.30E-05	1.33E-05	2.55E-07	6.16E-06	2.49E-07	6.66E-06
2655	490810.04, 3858860.04	1.43E-05	4.32E-05	2.50E-05	4.78E-07	1.15E-05	4.67E-07	1.25E-05	7.52E-06	2.27E-05	1.31E-05	2.51E-07	6.07E-06	2.45E-07	6.56E-06
2656	490860.04, 3858860.04	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05	7.42E-06	2.24E-05	1.30E-05	2.48E-07	5.98E-06	2.42E-07	6.47E-06
2657	490360.04, 3858910.04	1.66E-05	5.02E-05	2.91E-05	5.55E-07	1.34E-05	5.43E-07	1.45E-05	8.89E-06	2.68E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06
2658	490410.04, 3858910.04	1.63E-05	4.93E-05	2.85E-05	5.45E-07	1.32E-05	5.33E-07	1.42E-05	8.71E-06	2.63E-05	1.52E-05	2.91E-07	7.03E-06	2.84E-07	7.60E-06
2659	490460.04, 3858910.04	1.60E-05	4.84E-05	2.80E-05	5.35E-07	1.29E-05	5.23E-07	1.40E-05	8.54E-06	2.58E-05	1.49E-05	2.85E-07	6.89E-06	2.79E-07	7.46E-06
2660	490510.04, 3858910.04	1.58E-05	4.76E-05	2.76E-05	5.26E-07	1.27E-05	5.14E-07	1.38E-05	8.39E-06	2.53E-05	1.47E-05	2.80E-07	6.76E-06	2.74E-07	7.32E-06
2661	490560.04, 3858910.04	1.55E-05	4.69E-05	2.71E-05	5.18E-07	1.25E-05	5.06E-07	1.35E-05	8.24E-06	2.49E-05	1.44E-05	2.75E-07	6.65E-06	2.69E-07	7.19E-06
2662	490610.04, 3858910.04	1.53E-05	4.61E-05	2.67E-05	5.10E-07	1.23E-05	4.99E-07	1.33E-05	8.10E-06	2.45E-05	1.42E-05	2.70E-07	6.53E-06	2.64E-07	7.07E-06

2663	490660.04, 3858910.04	1.50E-05	4.54E-05	2.63E-05	5.02E-07	1.21E-05	4.91E-07	1.31E-05	7.96E-06	2.40E-05	1.39E-05	2.66E-07	6.42E-06	2.60E-07	6.95E-06
2664	490710.04, 3858910.04	1.48E-05	4.48E-05	2.59E-05	4.95E-07	1.20E-05	4.84E-07	1.29E-05	7.83E-06	2.37E-05	1.37E-05	2.62E-07	6.32E-06	2.56E-07	6.84E-06
2665	490760.04, 3858910.04	1.46E-05	4.42E-05	2.56E-05	4.89E-07	1.18E-05	4.78E-07	1.28E-05	7.72E-06	2.33E-05	1.35E-05	2.58E-07	6.22E-06	2.52E-07	6.73E-06
2666	490810.04, 3858910.04	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	7.60E-06	2.29E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.63E-06
2667	490860.04, 3858910.04	1.43E-05	4.31E-05	2.49E-05	4.76E-07	1.15E-05	4.65E-07	1.24E-05	7.49E-06	2.26E-05	1.31E-05	2.50E-07	6.04E-06	2.45E-07	6.54E-06
2668	490360.04, 3858960.04	1.69E-05	5.10E-05	2.95E-05	5.64E-07	1.36E-05	5.51E-07	1.47E-05	9.06E-06	2.74E-05	1.58E-05	3.03E-07	7.31E-06	2.96E-07	7.91E-06
2669	490410.04, 3858960.04	1.66E-05	5.00E-05	2.90E-05	5.53E-07	1.34E-05	5.41E-07	1.45E-05	8.87E-06	2.68E-05	1.55E-05	2.96E-07	7.15E-06	2.89E-07	7.74E-06
2670	490460.04, 3858960.04	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.31E-07	1.42E-05	8.69E-06	2.62E-05	1.52E-05	2.90E-07	7.01E-06	2.84E-07	7.58E-06
2671	490510.04, 3858960.04	1.60E-05	4.83E-05	2.79E-05	5.34E-07	1.29E-05	5.22E-07	1.39E-05	8.52E-06	2.57E-05	1.49E-05	2.84E-07	6.87E-06	2.78E-07	7.43E-06
2672	490560.04, 3858960.04	1.57E-05	4.74E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	8.36E-06	2.52E-05	1.46E-05	2.79E-07	6.74E-06	2.73E-07	7.29E-06
2673	490610.04, 3858960.04	1.55E-05	4.67E-05	2.70E-05	5.17E-07	1.25E-05	5.05E-07	1.35E-05	8.21E-06	2.48E-05	1.44E-05	2.74E-07	6.62E-06	2.68E-07	7.17E-06
2674	490660.04, 3858960.04	1.52E-05	4.59E-05	2.66E-05	5.08E-07	1.23E-05	4.96E-07	1.33E-05	8.06E-06	2.43E-05	1.41E-05	2.69E-07	6.50E-06	2.63E-07	7.04E-06
2675	490710.04, 3858960.04	1.50E-05	4.53E-05	2.62E-05	5.01E-07	1.21E-05	4.89E-07	1.31E-05	7.93E-06	2.39E-05	1.39E-05	2.65E-07	6.40E-06	2.59E-07	6.92E-06
2676	490760.04, 3858960.04	1.48E-05	4.46E-05	2.58E-05	4.94E-07	1.19E-05	4.82E-07	1.29E-05	7.80E-06	2.36E-05	1.36E-05	2.61E-07	6.30E-06	2.55E-07	6.81E-06
2677	490810.04, 3858960.04	1.46E-05	4.40E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	7.69E-06	2.32E-05	1.34E-05	2.57E-07	6.20E-06	2.51E-07	6.71E-06
2678	490860.04, 3858960.04	1.44E-05	4.35E-05	2.52E-05	4.81E-07	1.16E-05	4.70E-07	1.26E-05	7.58E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06
2679	490360.04, 3859010.04	1.72E-05	5.19E-05	3.01E-05	5.74E-07	1.39E-05	5.61E-07	1.50E-05	9.25E-06	2.79E-05	1.62E-05	3.09E-07	7.46E-06	3.02E-07	8.07E-06
2680	490410.04, 3859010.04	1.69E-05	5.09E-05	2.95E-05	5.63E-07	1.36E-05	5.50E-07	1.47E-05	9.04E-06	2.73E-05	1.58E-05	3.02E-07	7.29E-06	2.95E-07	7.89E-06
2681	490460.04, 3859010.04	1.65E-05	5.00E-05	2.89E-05	5.52E-07	1.33E-05	5.40E-07	1.44E-05	8.85E-06	2.67E-05	1.55E-05	2.96E-07	7.14E-06	2.89E-07	7.72E-06
2682	490510.04, 3859010.04	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.30E-07	1.42E-05	8.67E-06	2.62E-05	1.52E-05	2.90E-07	6.99E-06	2.83E-07	7.57E-06
2683	490560.04, 3859010.04	1.59E-05	4.81E-05	2.79E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	8.50E-06	2.57E-05	1.48E-05	2.84E-07	6.85E-06	2.77E-07	7.41E-06
2684	490610.04, 3859010.04	1.57E-05	4.74E-05	2.74E-05	5.24E-07	1.27E-05	5.12E-07	1.37E-05	8.34E-06	2.52E-05	1.46E-05	2.78E-07	6.72E-06	2.72E-07	7.27E-06
2685	490660.04, 3859010.04	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.03E-07	1.34E-05	8.18E-06	2.47E-05	1.43E-05	2.73E-07	6.60E-06	2.67E-07	7.14E-06
2686	490710.04, 3859010.04	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05	8.04E-06	2.43E-05	1.41E-05	2.68E-07	6.48E-06	2.62E-07	7.02E-06
2687	490760.04, 3859010.04	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.88E-07	1.31E-05	7.91E-06	2.39E-05	1.38E-05	2.64E-07	6.38E-06	2.58E-07	6.90E-06
2688	490810.04, 3859010.04	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05	7.78E-06	2.35E-05	1.36E-05	2.60E-07	6.28E-06	2.54E-07	6.79E-06
2689	490860.04, 3859010.04	1.46E-05	4.40E-05	2.55E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05	7.67E-06	2.31E-05	1.34E-05	2.56E-07	6.18E-06	2.50E-07	6.69E-06
2690	490360.04, 3859060.04	1.76E-05	5.30E-05	3.07E-05	5.86E-07	1.42E-05	5.73E-07	1.53E-05	9.47E-06	2.86E-05	1.66E-05	3.16E-07	7.64E-06	3.09E-07	8.26E-06
2691	490410.04, 3859060.04	1.72E-05	5.19E-05	3.01E-05	5.74E-07	1.39E-05	5.61E-07	1.50E-05	9.24E-06	2.79E-05	1.62E-05	3.09E-07	7.45E-06	3.02E-07	8.06E-06
2692	490460.04, 3859060.04	1.68E-05	5.09E-05	2.94E-05	5.63E-07	1.36E-05	5.50E-07	1.47E-05	9.03E-06	2.73E-05	1.58E-05	3.02E-07	7.28E-06	2.95E-07	7.88E-06
2693	490510.04, 3859060.04	1.65E-05	4.99E-05	2.89E-05	5.52E-07	1.33E-05	5.39E-07	1.44E-05	8.83E-06	2.67E-05	1.54E-05	2.95E-07	7.13E-06	2.88E-07	7.71E-06
2694	490560.04, 3859060.04	1.62E-05	4.90E-05	2.84E-05	5.42E-07	1.31E-05	5.29E-07	1.42E-05	8.65E-06	2.61E-05	1.51E-05	2.89E-07	6.98E-06	2.82E-07	7.55E-06
2695	490610.04, 3859060.04	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.28E-05	5.20E-07	1.39E-05	8.48E-06	2.56E-05	1.48E-05	2.83E-07	6.84E-06	2.77E-07	7.40E-06
2696	490660.04, 3859060.04	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	8.31E-06	2.51E-05	1.45E-05	2.78E-07	6.70E-06	2.71E-07	7.25E-06
2697	490710.04, 3859060.04	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.02E-07	1.34E-05	8.16E-06	2.46E-05	1.43E-05	2.73E-07	6.58E-06	2.66E-07	7.12E-06
2698	490760.04, 3859060.04	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05	8.02E-06	2.42E-05	1.40E-05	2.68E-07	6.47E-06	2.62E-07	7.00E-06
2699	490810.04, 3859060.04	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.88E-07	1.31E-05	7.89E-06	2.38E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.89E-06
2700	490860.04, 3859060.04	1.48E-05	4.45E-05	2.58E-05	4.93E-07	1.19E-05	4.81E-07	1.29E-05	7.77E-06	2.35E-05	1.36E-05	2.59E-07	6.27E-06	2.53E-07	6.78E-06
2701	490360.04, 3859110.04	1.79E-05	5.42E-05	3.14E-05	5.99E-07	1.45E-05	5.86E-07	1.57E-05	9.72E-06	2.94E-05	1.70E-05	3.25E-07	7.84E-06	3.17E-07	8.48E-06
2702	490410.04, 3859110.04	1.76E-05	5.30E-05	3.07E-05	5.86E-07	1.42E-05	5.73E-07	1.53E-05	9.47E-06	2.86E-05	1.66E-05	3.16E-07	7.64E-06	3.09E-07	8.26E-06
2703	490460.04, 3859110.04	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05	9.24E-06	2.79E-05	1.61E-05	3.08E-07	7.45E-06	3.01E-07	8.06E-06
2704	490510.04, 3859110.04	1.68E-05	5.09E-05	2.94E-05	5.62E-07	1.36E-05	5.50E-07	1.47E-05	9.02E-06	2.72E-05	1.58E-05	3.01E-07	7.28E-06	2.94E-07	7.87E-06
2705	490560.04, 3859110.04	1.65E-05	4.99E-05	2.89E-05	5.51E-07	1.33E-05	5.39E-07	1.44E-05	8.82E-06	2.66E-05	1.54E-05	2.95E-07	7.12E-06	2.88E-07	7.70E-06
2706	490610.04, 3859110.04	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05	8.64E-06	2.61E-05	1.51E-05	2.88E-07	6.97E-06	2.82E-07	7.54E-06
2707	490660.04, 3859110.04	1.59E-05	4.81E-05	2.79E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	8.47E-06	2.56E-05	1.48E-05	2.83E-07	6.83E-06	2.76E-07	7.39E-06
2708	490710.04, 3859110.04	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.11E-07	1.37E-05	8.31E-06	2.51E-05	1.45E-05	2.77E-07	6.70E-06	2.71E-07	7.25E-06
2709	490760.04, 3859110.04	1.54E-05	4.66E-05	2.69E-05	5.15E-07	1.24E-05	5.03E-07	1.35E-05	8.16E-06	2.46E-05	1.43E-05	2.72E-07	6.58E-06	2.66E-07	7.12E-06
2710	490810.04, 3859110.04	1.52E-05	4.59E-05	2.66E-05	5.07E-07	1.23E-05	4.96E-07	1.33E-05	8.02E-06	2.42E-05	1.40E-05	2.68E-07	6.47E-06	2.62E-07	7.00E-06
2711	490860.04, 3859110.04	1.50E-05	4.53E-05	2.62E-05	5.01E-07	1.21E-05	4.89E-07	1.31E-05	7.89E-06	2.38E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.89E-06
2712	490360.04, 3859160.04	1.84E-05	5.56E-05	3.22E-05	6.15E-07	1.48E-05	6.01E-07	1.61E-05	1.00E-05	3.03E-05	1.75E-05	3.35E-07	8.08E-06	3.27E-07	8.74E-06
2713	490410.04, 3859160.04	1.80E-05	5.42E-05	3.14E-05	6.00E-07	1.45E-05	5.86E-07	1.57E-05	9.74E-06	2.94E-05	1.70E-05	3.25E-07	7.85E-06	3.18E-07	8.50E-06
2714	490460.04, 3859160.04	1.75E-05	5.30E-05	3.07E-05	5.86E-07	1.42E-05	5.73E-07	1.53E-05	9.48E-06	2.86E-05	1.66E-05	3.16E-07	7.64E-06	3.09E-07	8.27E-06
2715	490510.04, 3859160.04	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05	9.24E-06	2.79E-05	1.61E-05	3.08E-07	7.45E-06	3.01E-07	8.06E-06
2716	490560.04, 3859160.04	1.68E-05	5.08E-05	2.94E-05	5.62E-07	1.36E-05	5.49E-07	1.47E-05	9.02E-06	2.72E-05	1.58E-05	3.01E-07	7.27E-06	2.94E-07	7.87E-06
2717	490610.04, 3859160.04	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05	8.82E-06	2.66E-05	1.54E-05	2.94E-07	7.11E-06	2.88E-07	7.69E-06
2718	490660.04, 3859160.04	1.62E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.30E-07	1.42E-05	8.64E-06	2.61E-05	1.51E-05	2.89E-07	6.97E-06	2.82E-07	7.54E-06
2719	490710.04, 3859160.04	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05	8.47E-06	2.56E-05	1.48E-05	2.83E-07	6.83E-06	2.76E-07	7.39E-06
2720	490760.04, 3859160.04	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	8.32E-06	2.51E-05	1.45E-05	2.78E-07	6.71E-06	2.71E-07	7.26E-06
2721	490810.04, 3859160.04	1.55E-05	4.67E-05	2.70E-05	5.16E-07	1.25E-05	5.05E-07	1.35E-05	8.17E-06	2.47E-05	1.43E-05	2.73E-07	6.59E-06	2.66E-07	7.13E-06
2722	490860.04, 3859160.04	1.52E-05	4.60E-05	2.66E-05	5.08E-07	1.23E-05	4.97E-07	1.33E-05	8.02E-06	2.42E-05	1.40E-05	2.68E-07	6.47E-06	2.62E-07	7.00E-06
2723	490360.04, 3859210.04	1.90E-05	5.73E-05	3.31E-05	6.33E-07	1.53E-05	6.19E-07	1.65E-05	1.04E-05	3.13E-05	1.81E-05	3.47E-07	8.37E-06	3.39E-07	9.06E-06
2724	490410.04, 3859210.04	1.84E-05	5.57E-05	3.22E-05	6.16E-07	1.49E-05	6.02E-07	1.61E-05	1.01E-05	3.04E-05	1.76E-05	3.36E-07	8.12E-06	3.28E-07	8.78E-06

2725	490460.04, 3859210.04	1.80E-05	5.43E-05	3.14E-05	6.01E-07	1.45E-05	5.87E-07	1.57E-05	9.76E-06	2.95E-05	1.71E-05	3.26E-07	7.87E-06	3.18E-07	8.52E-06
2726	490510.04, 3859210.04	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.74E-07	1.53E-05	9.49E-06	2.87E-05	1.66E-05	3.17E-07	7.66E-06	3.10E-07	8.29E-06
2727	490560.04, 3859210.04	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05	9.25E-06	2.79E-05	1.62E-05	3.09E-07	7.46E-06	3.02E-07	8.07E-06
2728	490610.04, 3859210.04	1.68E-05	5.08E-05	2.94E-05	5.62E-07	1.36E-05	5.49E-07	1.47E-05	9.03E-06	2.73E-05	1.58E-05	3.01E-07	7.28E-06	2.95E-07	7.88E-06
2729	490660.04, 3859210.04	1.65E-05	4.99E-05	2.89E-05	5.52E-07	1.33E-05	5.39E-07	1.44E-05	8.82E-06	2.66E-05	1.54E-05	2.95E-07	7.12E-06	2.88E-07	7.70E-06
2730	490710.04, 3859210.04	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05	8.63E-06	2.60E-05	1.51E-05	2.88E-07	6.96E-06	2.81E-07	7.53E-06
2731	490760.04, 3859210.04	1.60E-05	4.82E-05	2.79E-05	5.34E-07	1.29E-05	5.21E-07	1.39E-05	8.48E-06	2.56E-05	1.48E-05	2.83E-07	6.84E-06	2.77E-07	7.40E-06
2732	490810.04, 3859210.04	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.11E-07	1.37E-05	8.30E-06	2.51E-05	1.45E-05	2.77E-07	6.70E-06	2.71E-07	7.25E-06
2733	490860.04, 3859210.04	1.54E-05	4.64E-05	2.69E-05	5.13E-07	1.24E-05	5.01E-07	1.34E-05	8.14E-06	2.46E-05	1.42E-05	2.72E-07	6.56E-06	2.66E-07	7.10E-06
2734	490360.04, 3859260.04	1.97E-05	5.94E-05	3.44E-05	6.57E-07	1.59E-05	6.42E-07	1.72E-05	1.08E-05	3.27E-05	1.89E-05	3.61E-07	8.73E-06	3.53E-07	9.44E-06
2735	490410.04, 3859260.04	1.91E-05	5.76E-05	3.33E-05	6.37E-07	1.54E-05	6.22E-07	1.66E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.43E-06	3.41E-07	9.12E-06
2736	490460.04, 3859260.04	1.85E-05	5.59E-05	3.24E-05	6.18E-07	1.49E-05	6.04E-07	1.62E-05	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.16E-06	3.30E-07	8.83E-06
2737	490510.04, 3859260.04	1.80E-05	5.44E-05	3.15E-05	6.01E-07	1.45E-05	5.87E-07	1.57E-05	9.81E-06	2.96E-05	1.71E-05	3.28E-07	7.91E-06	3.20E-07	8.56E-06
2738	490560.04, 3859260.04	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.73E-07	1.53E-05	9.53E-06	2.88E-05	1.67E-05	3.18E-07	7.69E-06	3.11E-07	8.32E-06
2739	490610.04, 3859260.04	1.72E-05	5.19E-05	3.01E-05	5.74E-07	1.39E-05	5.61E-07	1.50E-05	9.28E-06	2.80E-05	1.62E-05	3.10E-07	7.48E-06	3.03E-07	8.09E-06
2740	490660.04, 3859260.04	1.68E-05	5.07E-05	2.93E-05	5.60E-07	1.35E-05	5.48E-07	1.46E-05	9.04E-06	2.73E-05	1.58E-05	3.02E-07	7.29E-06	2.95E-07	7.89E-06
2741	490710.04, 3859260.04	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05	8.81E-06	2.66E-05	1.54E-05	2.94E-07	7.11E-06	2.88E-07	7.69E-06
2742	490760.04, 3859260.04	1.61E-05	4.88E-05	2.82E-05	5.39E-07	1.30E-05	5.27E-07	1.41E-05	8.63E-06	2.61E-05	1.51E-05	2.88E-07	6.97E-06	2.82E-07	7.54E-06
2743	490810.04, 3859260.04	1.58E-05	4.78E-05	2.76E-05	5.28E-07	1.28E-05	5.16E-07	1.38E-05	8.45E-06	2.55E-05	1.48E-05	2.82E-07	6.81E-06	2.76E-07	7.37E-06
2744	490860.04, 3859260.04	1.55E-05	4.68E-05	2.71E-05	5.18E-07	1.25E-05	5.06E-07	1.35E-05	8.27E-06	2.50E-05	1.45E-05	2.76E-07	6.67E-06	2.70E-07	7.22E-06
2745	490360.04, 3859310.04	2.06E-05	6.20E-05	3.59E-05	6.86E-07	1.66E-05	6.71E-07	1.79E-05	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.20E-06	3.72E-07	9.95E-06
2746	490410.04, 3859310.04	1.98E-05	5.99E-05	3.47E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05	1.10E-05	3.31E-05	1.91E-05	3.66E-07	8.84E-06	3.57E-07	9.56E-06
2747	490460.04, 3859310.04	1.92E-05	5.79E-05	3.35E-05	6.41E-07	1.55E-05	6.26E-07	1.67E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.45E-07	9.21E-06
2748	490510.04, 3859310.04	1.86E-05	5.62E-05	3.25E-05	6.21E-07	1.50E-05	6.07E-07	1.62E-05	1.02E-05	3.08E-05	1.78E-05	3.41E-07	8.24E-06	3.33E-07	8.91E-06
2749	490560.04, 3859310.04	1.81E-05	5.45E-05	3.16E-05	6.03E-07	1.46E-05	5.89E-07	1.58E-05	9.89E-06	2.98E-05	1.73E-05	3.30E-07	7.97E-06	3.23E-07	8.63E-06
2750	490610.04, 3859310.04	1.76E-05	5.31E-05	3.07E-05	5.87E-07	1.42E-05	5.73E-07	1.53E-05	9.59E-06	2.90E-05	1.68E-05	3.20E-07	7.74E-06	3.13E-07	8.37E-06
2751	490660.04, 3859310.04	1.71E-05	5.17E-05	2.99E-05	5.72E-07	1.38E-05	5.59E-07	1.49E-05	9.32E-06	2.81E-05	1.63E-05	3.11E-07	7.52E-06	3.04E-07	8.13E-06
2752	490710.04, 3859310.04	1.68E-05	5.06E-05	2.93E-05	5.60E-07	1.35E-05	5.47E-07	1.46E-05	9.07E-06	2.74E-05	1.59E-05	3.03E-07	7.32E-06	2.96E-07	7.91E-06
2753	490760.04, 3859310.04	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05	8.85E-06	2.67E-05	1.55E-05	2.95E-07	7.14E-06	2.89E-07	7.72E-06
2754	490810.04, 3859310.04	1.60E-05	4.84E-05	2.80E-05	5.36E-07	1.29E-05	5.24E-07	1.40E-05	8.64E-06	2.61E-05	1.51E-05	2.88E-07	6.97E-06	2.82E-07	7.54E-06
2755	490860.04, 3859310.04	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	8.44E-06	2.55E-05	1.48E-05	2.82E-07	6.81E-06	2.75E-07	7.37E-06
2756	490360.04, 3859360.04	2.17E-05	6.56E-05	3.79E-05	7.25E-07	1.75E-05	7.08E-07	1.89E-05	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05
2757	490410.04, 3859360.04	2.08E-05	6.28E-05	3.64E-05	6.95E-07	1.68E-05	6.79E-07	1.82E-05	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.37E-06	3.79E-07	1.01E-05
2758	490460.04, 3859360.04	2.00E-05	6.04E-05	3.50E-05	6.68E-07	1.61E-05	6.53E-07	1.75E-05	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.72E-06
2759	490510.04, 3859360.04	1.93E-05	5.83E-05	3.38E-05	6.45E-07	1.56E-05	6.30E-07	1.69E-05	1.07E-05	3.23E-05	1.87E-05	3.58E-07	8.64E-06	3.50E-07	9.35E-06
2760	490560.04, 3859360.04	1.87E-05	5.64E-05	3.27E-05	6.24E-07	1.51E-05	6.10E-07	1.63E-05	1.03E-05	3.12E-05	1.80E-05	3.45E-07	8.33E-06	3.37E-07	9.01E-06
2761	490610.04, 3859360.04	1.81E-05	5.48E-05	3.17E-05	6.06E-07	1.46E-05	5.92E-07	1.58E-05	9.98E-06	3.01E-05	1.74E-05	3.33E-07	8.05E-06	3.26E-07	8.71E-06
2762	490660.04, 3859360.04	1.76E-05	5.32E-05	3.08E-05	5.88E-07	1.42E-05	5.75E-07	1.54E-05	9.67E-06	2.92E-05	1.69E-05	3.23E-07	7.80E-06	3.15E-07	8.44E-06
2763	490710.04, 3859360.04	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.39E-05	5.60E-07	1.50E-05	9.38E-06	2.83E-05	1.64E-05	3.13E-07	7.56E-06	3.06E-07	8.18E-06
2764	490760.04, 3859360.04	1.68E-05	5.06E-05	2.93E-05	5.60E-07	1.35E-05	5.47E-07	1.46E-05	9.12E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.97E-07	7.96E-06
2765	490810.04, 3859360.04	1.64E-05	4.94E-05	2.86E-05	5.46E-07	1.32E-05	5.34E-07	1.43E-05	8.88E-06	2.68E-05	1.55E-05	2.97E-07	7.16E-06	2.90E-07	7.75E-06
2766	490860.04, 3859360.04	1.60E-05	4.83E-05	2.80E-05	5.34E-07	1.29E-05	5.22E-07	1.40E-05	8.66E-06	2.62E-05	1.51E-05	2.89E-07	6.99E-06	2.83E-07	7.56E-06
2767	490360.04, 3859410.04	2.33E-05	7.03E-05	4.07E-05	7.77E-07	1.88E-05	7.59E-07	2.03E-05	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05
2768	490410.04, 3859410.04	2.21E-05	6.67E-05	3.86E-05	7.38E-07	1.78E-05	7.21E-07	1.93E-05	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.07E-07	1.09E-05
2769	490460.04, 3859410.04	2.11E-05	6.37E-05	3.69E-05	7.05E-07	1.70E-05	6.89E-07	1.84E-05	1.19E-05	3.59E-05	2.08E-05	3.97E-07	9.58E-06	3.88E-07	1.04E-05
2770	490510.04, 3859410.04	2.03E-05	6.12E-05	3.54E-05	6.76E-07	1.63E-05	6.61E-07	1.77E-05	1.14E-05	3.43E-05	1.99E-05	3.79E-07	9.16E-06	3.71E-07	9.91E-06
2771	490560.04, 3859410.04	1.95E-05	5.89E-05	3.41E-05	6.51E-07	1.57E-05	6.36E-07	1.70E-05	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.79E-06	3.56E-07	9.51E-06
2772	490610.04, 3859410.04	1.88E-05	5.69E-05	3.29E-05	6.29E-07	1.52E-05	6.15E-07	1.64E-05	1.05E-05	3.17E-05	1.83E-05	3.50E-07	8.46E-06	3.42E-07	9.16E-06
2773	490660.04, 3859410.04	1.82E-05	5.51E-05	3.19E-05	6.09E-07	1.47E-05	5.95E-07	1.59E-05	1.01E-05	3.05E-05	1.77E-05	3.37E-07	8.15E-06	3.30E-07	8.82E-06
2774	490710.04, 3859410.04	1.77E-05	5.35E-05	3.10E-05	5.91E-07	1.43E-05	5.78E-07	1.55E-05	9.77E-06	2.95E-05	1.71E-05	3.26E-07	7.88E-06	3.19E-07	8.52E-06
2775	490760.04, 3859410.04	1.72E-05	5.20E-05	3.01E-05	5.75E-07	1.39E-05	5.62E-07	1.50E-05	9.46E-06	2.86E-05	1.65E-05	3.16E-07	7.63E-06	3.09E-07	8.25E-06
2776	490810.04, 3859410.04	1.68E-05	5.07E-05	2.93E-05	5.61E-07	1.35E-05	5.48E-07	1.46E-05	9.20E-06	2.78E-05	1.61E-05	3.07E-07	7.42E-06	3.00E-07	8.02E-06
2777	490860.04, 3859410.04	1.63E-05	4.93E-05	2.86E-05	5.46E-07	1.32E-05	5.33E-07	1.43E-05	8.95E-06	2.70E-05	1.56E-05	2.99E-07	7.22E-06	2.92E-07	7.81E-06
2778	490360.04, 3859460.04	2.55E-05	7.70E-05	4.46E-05	8.51E-07	2.06E-05	8.32E-07	2.22E-05	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.77E-07	1.28E-05
2779	490410.04, 3859460.04	2.39E-05	7.23E-05	4.18E-05	7.99E-07	1.93E-05	7.81E-07	2.09E-05	1.37E-05	4.13E-05	2.39E-05	4.56E-07	1.10E-05	4.46E-07	1.19E-05
2780	490460.04, 3859460.04	2.27E-05	6.84E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05	1.29E-05	3.90E-05	2.26E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05
2781	490510.04, 3859460.04	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.04E-07	1.88E-05	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.88E-06	4.00E-07	1.07E-05
2782	490560.04, 3859460.04	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.74E-07	1.80E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
2783	490610.04, 3859460.04	1.98E-05	5.99E-05	3.47E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.01E-06	3.64E-07	9.75E-06
2784	490660.04, 3859460.04	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.24E-07	1.67E-05	1.07E-05	3.23E-05	1.87E-05	3.58E-07	8.64E-06	3.50E-07	9.35E-06
2785	490710.04, 3859460.04	1.85E-05	5.57E-05	3.23E-05	6.16E-07	1.49E-05	6.02E-07	1.61E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.31E-06	3.36E-07	8.99E-06
2786	490760.04, 3859460.04	1.79E-05	5.40E-05	3.13E-05	5.97E-07	1.44E-05	5.83E-07	1.56E-05	9.94E-06	3.00E-05	1.74E-05	3.32E-07	8.02E-06	3.25E-07	8.68E-06

2787	490810.04, 3859460.04	1.73E-05	5.24E-05	3.03E-05	5.79E-07	1.40E-05	5.66E-07	1.51E-05	9.61E-06	2.90E-05	1.68E-05	3.21E-07	7.75E-06	3.14E-07	8.39E-06
2788	490860.04, 3859460.04	1.69E-05	5.09E-05	2.95E-05	5.63E-07	1.36E-05	5.50E-07	1.47E-05	9.32E-06	2.81E-05	1.63E-05	3.11E-07	7.52E-06	3.04E-07	8.13E-06
2789	490360.04, 3859510.04	2.95E-05	8.91E-05	5.16E-05	9.86E-07	2.38E-05	9.63E-07	2.58E-05	1.71E-05	5.17E-05	2.99E-05	5.72E-07	1.38E-05	5.59E-07	1.49E-05
2790	490410.04, 3859510.04	2.72E-05	8.20E-05	4.75E-05	9.07E-07	2.19E-05	8.87E-07	2.37E-05	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05
2791	490460.04, 3859510.04	2.53E-05	7.63E-05	4.42E-05	8.44E-07	2.04E-05	8.25E-07	2.21E-05	1.46E-05	4.40E-05	2.55E-05	4.87E-07	1.18E-05	4.75E-07	1.27E-05
2792	490510.04, 3859510.04	2.37E-05	7.16E-05	4.15E-05	7.92E-07	1.91E-05	7.74E-07	2.07E-05	1.36E-05	4.12E-05	2.38E-05	4.55E-07	1.10E-05	4.45E-07	1.19E-05
2793	490560.04, 3859510.04	2.24E-05	6.77E-05	3.92E-05	7.49E-07	1.81E-05	7.32E-07	1.96E-05	1.28E-05	3.88E-05	2.24E-05	4.29E-07	1.04E-05	4.19E-07	1.12E-05
2794	490610.04, 3859510.04	2.13E-05	6.44E-05	3.73E-05	7.12E-07	1.72E-05	6.96E-07	1.86E-05	1.22E-05	3.67E-05	2.12E-05	4.06E-07	9.80E-06	3.97E-07	1.06E-05
2795	490660.04, 3859510.04	2.04E-05	6.15E-05	3.56E-05	6.80E-07	1.64E-05	6.64E-07	1.78E-05	1.16E-05	3.49E-05	2.02E-05	3.86E-07	9.32E-06	3.77E-07	1.01E-05
2796	490710.04, 3859510.04	1.95E-05	5.90E-05	3.41E-05	6.52E-07	1.58E-05	6.37E-07	1.70E-05	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.90E-06	3.60E-07	9.63E-06
2797	490760.04, 3859510.04	1.88E-05	5.67E-05	3.28E-05	6.28E-07	1.52E-05	6.13E-07	1.64E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.53E-06	3.45E-07	9.23E-06
2798	490810.04, 3859510.04	1.81E-05	5.48E-05	3.17E-05	6.06E-07	1.46E-05	5.92E-07	1.58E-05	1.02E-05	3.07E-05	1.78E-05	3.40E-07	8.21E-06	3.32E-07	8.88E-06
2799	490860.04, 3859510.04	1.75E-05	5.30E-05	3.07E-05	5.86E-07	1.41E-05	5.72E-07	1.53E-05	9.81E-06	2.96E-05	1.71E-05	3.27E-07	7.91E-06	3.20E-07	8.56E-06
2800	490360.04, 3859560.04	3.93E-05	1.19E-04	6.88E-05	1.31E-06	3.17E-05	1.28E-06	3.43E-05	2.28E-05	6.89E-05	3.99E-05	7.62E-07	1.84E-05	7.44E-07	1.99E-05
2801	490410.04, 3859560.04	3.41E-05	1.03E-04	5.96E-05	1.14E-06	2.75E-05	1.11E-06	2.97E-05	1.98E-05	5.99E-05	3.47E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05
2802	490460.04, 3859560.04	3.03E-05	9.14E-05	5.29E-05	1.01E-06	2.44E-05	9.88E-07	2.64E-05	1.76E-05	5.32E-05	3.08E-05	5.89E-07	1.42E-05	5.75E-07	1.54E-05
2803	490510.04, 3859560.04	2.74E-05	8.28E-05	4.80E-05	9.16E-07	2.21E-05	8.95E-07	2.39E-05	1.59E-05	4.81E-05	2.79E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05
2804	490560.04, 3859560.04	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.26E-07	2.21E-05	1.47E-05	4.43E-05	2.57E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05
2805	490610.04, 3859560.04	2.36E-05	7.13E-05	4.13E-05	7.89E-07	1.90E-05	7.71E-07	2.06E-05	1.36E-05	4.12E-05	2.39E-05	4.56E-07	1.10E-05	4.45E-07	1.19E-05
2806	490660.04, 3859560.04	2.22E-05	6.71E-05	3.89E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.28E-05	3.86E-05	2.24E-05	4.27E-07	1.03E-05	4.17E-07	1.12E-05
2807	490710.04, 3859560.04	2.11E-05	6.36E-05	3.68E-05	7.03E-07	1.70E-05	6.87E-07	1.84E-05	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.74E-06	3.94E-07	1.05E-05
2808	490760.04, 3859560.04	2.01E-05	6.06E-05	3.51E-05	6.70E-07	1.62E-05	6.55E-07	1.75E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.23E-06	3.73E-07	9.98E-06
2809	490810.04, 3859560.04	1.92E-05	5.80E-05	3.36E-05	6.42E-07	1.55E-05	6.27E-07	1.68E-05	1.09E-05	3.29E-05	1.91E-05	3.64E-07	8.80E-06	3.56E-07	9.52E-06
2810	490860.04, 3859560.04	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05	1.04E-05	3.15E-05	1.82E-05	3.49E-07	8.42E-06	3.41E-07	9.11E-06
2811	490187.25, 3859422.08	3.11E-05	9.40E-05	5.44E-05	1.04E-06	2.51E-05	1.02E-06	2.72E-05	1.78E-05	5.37E-05	3.11E-05	5.94E-07	1.44E-05	5.81E-07	1.55E-05
2812	490237.25, 3859422.08	2.84E-05	8.56E-05	4.96E-05	9.47E-07	2.29E-05	9.25E-07	2.47E-05	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.28E-07	1.41E-05
2813	490287.25, 3859422.08	2.61E-05	7.89E-05	4.57E-05	8.73E-07	2.11E-05	8.53E-07	2.28E-05	1.49E-05	4.50E-05	2.60E-05	4.98E-07	1.20E-05	4.86E-07	1.30E-05
2814	490337.25, 3859422.08	2.44E-05	7.37E-05	4.26E-05	8.15E-07	1.97E-05	7.96E-07	2.13E-05	1.39E-05	4.19E-05	2.42E-05	4.63E-07	1.12E-05	4.53E-07	1.21E-05
2815	490187.25, 3859472.08	3.89E-05	1.18E-04	6.80E-05	1.30E-06	3.14E-05	1.27E-06	3.40E-05	2.23E-05	6.72E-05	3.89E-05	7.43E-07	1.80E-05	7.26E-07	1.94E-05
2816	490237.25, 3859472.08	3.32E-05	1.00E-04	5.81E-05	1.11E-06	2.68E-05	1.08E-06	2.90E-05	1.91E-05	5.78E-05	3.34E-05	6.39E-07	1.54E-05	6.24E-07	1.67E-05
2817	490287.25, 3859472.08	2.96E-05	8.92E-05	5.17E-05	9.87E-07	2.38E-05	9.64E-07	2.58E-05	1.70E-05	5.15E-05	2.98E-05	5.69E-07	1.37E-05	5.56E-07	1.49E-05
2818	490337.25, 3859472.08	2.71E-05	8.18E-05	4.74E-05	9.05E-07	2.19E-05	8.84E-07	2.36E-05	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05
2819	490297.07, 3859500.42	3.19E-05	9.63E-05	5.57E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	1.85E-05	5.59E-05	3.23E-05	6.18E-07	1.49E-05	6.04E-07	1.62E-05
2820	490327.07, 3859500.42	3.01E-05	9.10E-05	5.27E-05	1.01E-06	2.43E-05	9.83E-07	2.63E-05	1.75E-05	5.28E-05	3.06E-05	5.84E-07	1.41E-05	5.71E-07	1.53E-05
2821	490297.07, 3859530.42	3.77E-05	1.14E-04	6.60E-05	1.26E-06	3.04E-05	1.23E-06	3.29E-05	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.15E-07	1.91E-05
2822	490327.07, 3859530.42	3.51E-05	1.06E-04	6.14E-05	1.17E-06	2.83E-05	1.15E-06	3.06E-05	2.04E-05	6.16E-05	3.57E-05	6.81E-07	1.65E-05	6.66E-07	1.78E-05
2823	490319.73, 3859055.34	1.78E-05	5.38E-05	3.12E-05	5.95E-07	1.44E-05	5.82E-07	1.56E-05	9.64E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.41E-06
2824	490319.73, 3859105.34	1.83E-05	5.51E-05	3.19E-05	6.09E-07	1.47E-05	5.96E-07	1.59E-05	9.91E-06	2.99E-05	1.73E-05	3.31E-07	7.99E-06	3.23E-07	8.65E-06
2825	490069.73, 3859155.34	2.21E-05	6.66E-05	3.86E-05	7.37E-07	1.78E-05	7.20E-07	1.93E-05	1.22E-05	3.68E-05	2.13E-05	4.07E-07	9.84E-06	3.98E-07	1.06E-05
2826	490119.73, 3859155.34	2.12E-05	6.42E-05	3.71E-05	7.10E-07	1.71E-05	6.93E-07	1.85E-05	1.17E-05	3.54E-05	2.05E-05	3.91E-07	9.45E-06	3.82E-07	1.02E-05
2827	490269.73, 3859155.34	1.93E-05	5.82E-05	3.37E-05	6.44E-07	1.55E-05	6.29E-07	1.68E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.44E-07	9.21E-06
2828	490319.73, 3859155.34	1.87E-05	5.66E-05	3.28E-05	6.26E-07	1.51E-05	6.12E-07	1.64E-05	1.02E-05	3.09E-05	1.79E-05	3.42E-07	8.25E-06	3.34E-07	8.93E-06
2829	490069.73, 3859205.34	2.32E-05	7.01E-05	4.06E-05	7.75E-07	1.87E-05	7.57E-07	2.03E-05	1.29E-05	3.91E-05	2.26E-05	4.32E-07	1.04E-05	4.22E-07	1.13E-05
2830	490119.73, 3859205.34	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.24E-05	3.73E-05	2.16E-05	4.13E-07	9.97E-06	4.03E-07	1.08E-05
2831	490169.73, 3859205.34	2.14E-05	6.45E-05	3.74E-05	7.14E-07	1.72E-05	6.97E-07	1.86E-05	1.19E-05	3.58E-05	2.07E-05	3.96E-07	9.56E-06	3.87E-07	1.03E-05
2832	490219.73, 3859205.34	2.06E-05	6.23E-05	3.60E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.19E-06	3.72E-07	9.95E-06
2833	490269.73, 3859205.34	2.00E-05	6.03E-05	3.49E-05	6.67E-07	1.61E-05	6.51E-07	1.74E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.86E-06	3.59E-07	9.59E-06
2834	490319.73, 3859205.34	1.94E-05	5.84E-05	3.38E-05	6.46E-07	1.56E-05	6.31E-07	1.69E-05	1.06E-05	3.21E-05	1.86E-05	3.55E-07	8.57E-06	3.47E-07	9.27E-06
2835	490069.73, 3859255.34	2.47E-05	7.46E-05	4.32E-05	8.25E-07	1.99E-05	8.06E-07	2.15E-05	1.39E-05	4.19E-05	2.43E-05	4.63E-07	1.12E-05	4.53E-07	1.21E-05
2836	490119.73, 3859255.34	2.35E-05	7.09E-05	4.11E-05	7.85E-07	1.90E-05	7.67E-07	2.05E-05	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05
2837	490169.73, 3859255.34	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05	1.26E-05	3.79E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05
2838	490219.73, 3859255.34	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.05E-07	1.88E-05	1.20E-05	3.63E-05	2.10E-05	4.01E-07	9.70E-06	3.92E-07	1.05E-05
2839	490269.73, 3859255.34	2.08E-05	6.28E-05	3.64E-05	6.95E-07	1.68E-05	6.79E-07	1.82E-05	1.15E-05	3.48E-05	2.02E-05	3.85E-07	9.31E-06	3.76E-07	1.01E-05
2840	490319.73, 3859255.34	2.01E-05	6.07E-05	3.51E-05	6.71E-07	1.62E-05	6.56E-07	1.75E-05	1.11E-05	3.35E-05	1.94E-05	3.71E-07	8.96E-06	3.62E-07	9.69E-06
2841	490069.73, 3859305.34	2.69E-05	8.13E-05	4.70E-05	8.99E-07	2.17E-05	8.78E-07	2.35E-05	1.52E-05	4.60E-05	2.67E-05	5.09E-07	1.23E-05	4.98E-07	1.33E-05
2842	490119.73, 3859305.34	2.54E-05	7.65E-05	4.43E-05	8.47E-07	2.04E-05	8.27E-07	2.21E-05	1.43E-05	4.33E-05	2.50E-05	4.78E-07	1.16E-05	4.68E-07	1.25E-05
2843	490169.73, 3859305.34	2.40E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.85E-07	2.10E-05	1.35E-05	4.09E-05	2.37E-05	4.52E-07	1.09E-05	4.42E-07	1.18E-05
2844	490219.73, 3859305.34	2.29E-05	6.92E-05	4.01E-05	7.66E-07	1.85E-05	7.48E-07	2.00E-05	1.29E-05	3.89E-05	2.25E-05	4.30E-07	1.04E-05	4.20E-07	1.12E-05
2845	490269.73, 3859305.34	2.19E-05	6.63E-05	3.84E-05	7.33E-07	1.77E-05	7.16E-07	1.92E-05	1.23E-05	3.70E-05	2.14E-05	4.10E-07	9.89E-06	4.00E-07	1.07E-05
2846	490319.73, 3859305.34	2.11E-05	6.37E-05	3.68E-05	7.04E-07	1.70E-05	6.88E-07	1.84E-05	1.17E-05	3.54E-05	2.05E-05	3.92E-07	9.46E-06	3.83E-07	1.02E-05
2847	490069.73, 3859355.34	3.08E-05	9.30E-05	5.38E-05	1.03E-06	2.48E-05	1.01E-06	2.69E-05	1.76E-05	5.30E-05	3.07E-05	5.87E-07	1.42E-05	5.73E-07	1.53E-05
2848	490119.73, 3859355.34	2.84E-05	8.56E-05	4.96E-05	9.47E-07	2.29E-05	9.25E-07	2.47E-05	1.61E-05	4.87E-05	2.82E-05	5.39E-07	1.30E-05	5.27E-07	1.41E-05

2849	490169.73, 3859355.34	2.64E-05	7.98E-05	4.62E-05	8.83E-07	2.13E-05	8.63E-07	2.31E-05	1.50E-05	4.53E-05	2.62E-05	5.01E-07	1.21E-05	4.90E-07	1.31E-05
2850	490219.73, 3859355.34	2.49E-05	7.51E-05	4.35E-05	8.31E-07	2.01E-05	8.12E-07	2.17E-05	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.59E-07	1.23E-05
2851	490269.73, 3859355.34	2.35E-05	7.11E-05	4.12E-05	7.86E-07	1.90E-05	7.68E-07	2.05E-05	1.33E-05	4.01E-05	2.32E-05	4.43E-07	1.07E-05	4.33E-07	1.16E-05
2852	490319.73, 3859355.34	2.24E-05	6.76E-05	3.91E-05	7.48E-07	1.81E-05	7.31E-07	1.95E-05	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05
2853	490069.73, 3859405.34	3.84E-05	1.16E-04	6.70E-05	1.28E-06	3.09E-05	1.25E-06	3.35E-05	2.19E-05	6.60E-05	3.82E-05	7.30E-07	1.76E-05	7.13E-07	1.91E-05
2854	490119.73, 3859405.34	3.37E-05	1.02E-04	5.89E-05	1.12E-06	2.72E-05	1.10E-06	2.94E-05	1.92E-05	5.81E-05	3.36E-05	6.42E-07	1.55E-05	6.28E-07	1.68E-05
2855	490169.73, 3859405.34	3.04E-05	9.17E-05	5.31E-05	1.01E-06	2.45E-05	9.91E-07	2.65E-05	1.73E-05	5.23E-05	3.03E-05	5.79E-07	1.40E-05	5.66E-07	1.51E-05
2856	490219.73, 3859405.34	2.79E-05	8.42E-05	4.87E-05	9.31E-07	2.25E-05	9.10E-07	2.43E-05	1.59E-05	4.80E-05	2.78E-05	5.31E-07	1.28E-05	5.19E-07	1.39E-05
2857	490269.73, 3859405.34	2.59E-05	7.81E-05	4.52E-05	8.63E-07	2.09E-05	8.44E-07	2.26E-05	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.19E-05	4.80E-07	1.28E-05
2858	490319.73, 3859405.34	2.42E-05	7.31E-05	4.23E-05	8.08E-07	1.95E-05	7.90E-07	2.11E-05	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.48E-07	1.20E-05
2859	490161.89, 3859541.83	4.75E-05	1.43E-04	8.30E-05	1.59E-06	3.83E-05	1.55E-06	4.14E-05	2.89E-05	8.73E-05	5.05E-05	9.65E-07	2.33E-05	9.43E-07	2.52E-05
2860	490171.89, 3859541.83	4.68E-05	1.41E-04	8.18E-05	1.56E-06	3.77E-05	1.53E-06	4.08E-05	2.84E-05	8.57E-05	4.96E-05	9.47E-07	2.29E-05	9.26E-07	2.48E-05
2861	490161.89, 3859551.83	4.83E-05	1.46E-04	8.44E-05	1.61E-06	3.90E-05	1.58E-06	4.21E-05	2.99E-05	9.03E-05	5.23E-05	9.99E-07	2.41E-05	9.76E-07	2.61E-05
2862	490171.89, 3859551.83	4.76E-05	1.44E-04	8.32E-05	1.59E-06	3.84E-05	1.55E-06	4.15E-05	2.93E-05	8.85E-05	5.13E-05	9.79E-07	2.37E-05	9.57E-07	2.56E-05
2863	489799.72, 3859348.21	5.06E-05	1.53E-04	8.84E-05	1.69E-06	4.08E-05	1.65E-06	4.41E-05	3.01E-05	9.07E-05	5.25E-05	1.00E-06	2.42E-05	9.81E-07	2.62E-05
2864	489819.72, 3859348.21	4.91E-05	1.48E-04	8.59E-05	1.64E-06	3.96E-05	1.60E-06	4.29E-05	2.89E-05	8.73E-05	5.06E-05	9.66E-07	2.33E-05	9.44E-07	2.52E-05
2865	489799.72, 3859368.21	5.44E-05	1.64E-04	9.51E-05	1.82E-06	4.39E-05	1.78E-06	4.75E-05	3.29E-05	9.95E-05	5.76E-05	1.10E-06	2.66E-05	1.08E-06	2.87E-05
2866	489819.72, 3859368.21	5.29E-05	1.60E-04	9.25E-05	1.77E-06	4.27E-05	1.73E-06	4.62E-05	3.16E-05	9.55E-05	5.53E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05
2867	489775.41, 3859329.72	5.05E-05	1.53E-04	8.83E-05	1.69E-06	4.08E-05	1.65E-06	4.41E-05	2.98E-05	9.01E-05	5.21E-05	9.96E-07	2.41E-05	9.73E-07	2.60E-05
2868	489795.41, 3859329.72	4.87E-05	1.47E-04	8.52E-05	1.63E-06	3.93E-05	1.59E-06	4.25E-05	2.85E-05	8.62E-05	4.99E-05	9.53E-07	2.30E-05	9.32E-07	2.49E-05
2869	489775.41, 3859349.72	5.29E-05	1.60E-04	9.24E-05	1.77E-06	4.27E-05	1.73E-06	4.61E-05	3.19E-05	9.63E-05	5.58E-05	1.07E-06	2.57E-05	1.04E-06	2.78E-05
2870	489795.41, 3859349.72	5.12E-05	1.55E-04	8.95E-05	1.71E-06	4.13E-05	1.67E-06	4.47E-05	3.05E-05	9.22E-05	5.34E-05	1.02E-06	2.46E-05	9.96E-07	2.66E-05
2871	489595.05, 3859219.43	5.08E-05	1.53E-04	8.88E-05	1.70E-06	4.10E-05	1.66E-06	4.43E-05	2.95E-05	8.92E-05	5.16E-05	9.87E-07	2.38E-05	9.64E-07	2.58E-05
2872	489615.05, 3859219.43	4.92E-05	1.49E-04	8.60E-05	1.64E-06	3.97E-05	1.61E-06	4.29E-05	2.84E-05	8.58E-05	4.96E-05	9.48E-07	2.29E-05	9.27E-07	2.48E-05
2873	489595.05, 3859239.43	5.36E-05	1.62E-04	9.37E-05	1.79E-06	4.33E-05	1.75E-06	4.68E-05	3.17E-05	9.57E-05	5.54E-05	1.06E-06	2.56E-05	1.03E-06	2.77E-05
2874	489615.05, 3859239.43	5.22E-05	1.58E-04	9.12E-05	1.74E-06	4.21E-05	1.70E-06	4.55E-05	3.05E-05	9.22E-05	5.34E-05	1.02E-06	2.46E-05	9.96E-07	2.66E-05
2875	489372.4, 3859092.58	4.79E-05	1.45E-04	8.38E-05	1.60E-06	3.87E-05	1.56E-06	4.18E-05	2.80E-05	8.45E-05	4.89E-05	9.35E-07	2.26E-05	9.14E-07	2.44E-05
2876	489422.4, 3859092.58	4.59E-05	1.39E-04	8.03E-05	1.53E-06	3.70E-05	1.50E-06	4.01E-05	2.63E-05	7.93E-05	4.59E-05	8.77E-07	2.12E-05	8.57E-07	2.29E-05
2877	489372.4, 3859142.58	5.63E-05	1.70E-04	9.84E-05	1.88E-06	4.54E-05	1.84E-06	4.91E-05	3.45E-05	1.04E-04	6.02E-05	1.15E-06	2.78E-05	1.12E-06	3.01E-05
2878	489422.4, 3859142.58	5.29E-05	1.60E-04	9.24E-05	1.77E-06	4.27E-05	1.73E-06	4.61E-05	3.13E-05	9.44E-05	5.47E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05
2879	488870.84, 3858666.64	5.07E-05	1.53E-04	8.85E-05	1.69E-06	4.09E-05	1.65E-06	4.42E-05	2.69E-05	8.14E-05	4.71E-05	9.00E-07	2.17E-05	8.79E-07	2.35E-05
2880	488900.84, 3858666.64	4.72E-05	1.43E-04	8.26E-05	1.58E-06	3.81E-05	1.54E-06	4.12E-05	2.52E-05	7.60E-05	4.40E-05	8.40E-07	2.03E-05	8.21E-07	2.20E-05
2881	488870.84, 3858696.64	4.91E-05	1.48E-04	8.57E-05	1.64E-06	3.96E-05	1.60E-06	4.28E-05	2.64E-05	7.98E-05	4.62E-05	8.82E-07	2.13E-05	8.62E-07	2.31E-05
2882	488900.84, 3858696.64	4.58E-05	1.38E-04	8.01E-05	1.53E-06	3.69E-05	1.49E-06	4.00E-05	2.47E-05	7.46E-05	4.32E-05	8.25E-07	1.99E-05	8.06E-07	2.15E-05
2883	488889.67, 3858683.97	4.73E-05	1.43E-04	8.28E-05	1.58E-06	3.82E-05	1.54E-06	4.13E-05	2.54E-05	7.67E-05	4.44E-05	8.48E-07	2.05E-05	8.28E-07	2.22E-05
2884	488919.67, 3858683.97	4.48E-05	1.35E-04	7.83E-05	1.49E-06	3.61E-05	1.46E-06	3.91E-05	2.40E-05	7.25E-05	4.20E-05	8.02E-07	1.94E-05	7.83E-07	2.10E-05
2885	488889.67, 3858713.97	4.66E-05	1.41E-04	8.14E-05	1.56E-06	3.76E-05	1.52E-06	4.07E-05	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.26E-07	2.21E-05
2886	488919.67, 3858713.97	4.39E-05	1.33E-04	7.68E-05	1.47E-06	3.54E-05	1.43E-06	3.83E-05	2.38E-05	7.20E-05	4.17E-05	7.96E-07	1.92E-05	7.78E-07	2.08E-05
2887	488906.61, 3858703.33	4.51E-05	1.36E-04	7.89E-05	1.51E-06	3.64E-05	1.47E-06	3.94E-05	2.44E-05	7.37E-05	4.26E-05	8.15E-07	1.97E-05	7.96E-07	2.13E-05
2888	488936.61, 3858703.33	4.30E-05	1.30E-04	7.52E-05	1.44E-06	3.47E-05	1.40E-06	3.75E-05	2.32E-05	7.02E-05	4.06E-05	7.76E-07	1.87E-05	7.58E-07	2.03E-05
2889	488906.61, 3858733.33	4.51E-05	1.36E-04	7.88E-05	1.50E-06	3.63E-05	1.47E-06	3.93E-05	2.47E-05	7.44E-05	4.31E-05	8.23E-07	1.99E-05	8.04E-07	2.15E-05
2890	488936.61, 3858733.33	4.27E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.39E-06	3.73E-05	2.34E-05	7.05E-05	4.08E-05	7.80E-07	1.88E-05	7.62E-07	2.04E-05
2891	488637.63, 3858467.85	5.45E-05	1.65E-04	9.53E-05	1.82E-06	4.40E-05	1.78E-06	4.76E-05	2.84E-05	8.57E-05	4.96E-05	9.48E-07	2.29E-05	9.26E-07	2.48E-05
2892	488662.63, 3858467.85	5.14E-05	1.55E-04	8.99E-05	1.72E-06	4.15E-05	1.68E-06	4.49E-05	2.68E-05	8.10E-05	4.69E-05	8.96E-07	2.16E-05	8.75E-07	2.34E-05
2893	488637.63, 3858492.85	5.37E-05	1.62E-04	9.39E-05	1.79E-06	4.33E-05	1.75E-06	4.69E-05	2.81E-05	8.50E-05	4.92E-05	9.40E-07	2.27E-05	9.18E-07	2.46E-05
2894	488662.63, 3858492.85	5.13E-05	1.55E-04	8.97E-05	1.71E-06	4.14E-05	1.67E-06	4.48E-05	2.69E-05	8.12E-05	4.70E-05	8.98E-07	2.17E-05	8.78E-07	2.35E-05
2895	488687.63, 3858492.85	5.00E-05	1.51E-04	8.74E-05	1.67E-06	4.03E-05	1.63E-06	4.36E-05	2.62E-05	7.90E-05	4.58E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05
2896	488637.63, 3858517.85	5.52E-05	1.67E-04	9.65E-05	1.84E-06	4.45E-05	1.80E-06	4.82E-05	2.90E-05	8.76E-05	5.07E-05	9.69E-07	2.34E-05	9.47E-07	2.53E-05
2897	488662.63, 3858517.85	5.32E-05	1.61E-04	9.29E-05	1.78E-06	4.29E-05	1.74E-06	4.64E-05	2.79E-05	8.44E-05	4.88E-05	9.33E-07	2.25E-05	9.12E-07	2.44E-05
2898	488687.63, 3858517.85	5.22E-05	1.57E-04	9.12E-05	1.74E-06	4.21E-05	1.70E-06	4.55E-05	2.74E-05	8.26E-05	4.78E-05	9.14E-07	2.21E-05	8.93E-07	2.39E-05
2899	488194.42, 3857168.98	3.28E-05	9.89E-05	5.73E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05	1.64E-05	4.96E-05	2.87E-05	5.49E-07	1.33E-05	5.36E-07	1.43E-05
2900	488244.42, 3857168.98	3.02E-05	9.12E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05
2901	488294.42, 3857168.98	2.83E-05	8.54E-05	4.95E-05	9.45E-07	2.28E-05	9.23E-07	2.47E-05	1.42E-05	4.30E-05	2.49E-05	4.76E-07	1.15E-05	4.65E-07	1.24E-05
2902	488244.42, 3857218.98	3.20E-05	9.66E-05	5.59E-05	1.07E-06	2.58E-05	1.04E-06	2.79E-05	1.61E-05	4.85E-05	2.81E-05	5.36E-07	1.30E-05	5.24E-07	1.40E-05
2903	488294.42, 3857218.98	2.96E-05	8.94E-05	5.18E-05	9.89E-07	2.39E-05	9.66E-07	2.58E-05	1.49E-05	4.50E-05	2.60E-05	4.98E-07	1.20E-05	4.86E-07	1.30E-05
2904	488294.42, 3857268.98	3.06E-05	9.25E-05	5.36E-05	1.02E-06	2.47E-05	1.00E-06	2.67E-05	1.54E-05	4.66E-05	2.70E-05	5.15E-07	1.24E-05	5.03E-07	1.35E-05
2905	488139.13, 3857111.68	3.27E-05	9.87E-05	5.71E-05	1.09E-06	2.64E-05	1.07E-06	2.85E-05	1.64E-05	4.95E-05	2.86E-05	5.47E-07	1.32E-05	5.35E-07	1.43E-05
2906	488189.13, 3857111.68	3.02E-05	9.12E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05	1.52E-05	4.58E-05	2.65E-05	5.07E-07	1.22E-05	4.95E-07	1.32E-05
2907	488189.13, 3857161.68	3.27E-05	9.87E-05	5.71E-05	1.09E-06	2.64E-05	1.07E-06	2.85E-05	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05
2908	487951.04, 3856961.26	3.57E-05	1.08E-04	6.24E-05	1.19E-06	2.88E-05	1.16E-06	3.11E-05	1.78E-05	5.38E-05	3.12E-05	5.95E-07	1.44E-05	5.82E-07	1.56E-05
2909	488001.04, 3856961.26	3.23E-05	9.75E-05	5.64E-05	1.08E-06	2.60E-05	1.05E-06	2.82E-05	1.62E-05	4.88E-05	2.83E-05	5.40E-07	1.30E-05	5.28E-07	1.41E-05
2910	488051.04, 3856961.26	2.99E-05	9.02E-05	5.22E-05	9.97E-07	2.41E-05	9.74E-07	2.61E-05	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05

2911	488101.04, 3856961.26	2.79E-05	8.42E-05	4.87E-05	9.31E-07	2.25E-05	9.10E-07	2.43E-05	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.57E-07	1.22E-05
2912	487951.04, 3857011.26	3.83E-05	1.16E-04	6.69E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.24E-07	1.67E-05
2913	488001.04, 3857011.26	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	1.74E-05	5.24E-05	3.04E-05	5.80E-07	1.40E-05	5.67E-07	1.52E-05
2914	488051.04, 3857011.26	3.19E-05	9.62E-05	5.57E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05
2915	488101.04, 3857011.26	2.95E-05	8.92E-05	5.16E-05	9.87E-07	2.38E-05	9.64E-07	2.58E-05	1.48E-05	4.48E-05	2.59E-05	4.95E-07	1.20E-05	4.84E-07	1.29E-05
2916	488001.04, 3857061.26	3.82E-05	1.15E-04	6.67E-05	1.27E-06	3.08E-05	1.25E-06	3.33E-05	1.91E-05	5.75E-05	3.33E-05	6.36E-07	1.54E-05	6.22E-07	1.66E-05
2917	488051.04, 3857061.26	3.46E-05	1.04E-04	6.04E-05	1.15E-06	2.79E-05	1.13E-06	3.01E-05	1.73E-05	5.22E-05	3.02E-05	5.77E-07	1.39E-05	5.64E-07	1.51E-05
2918	488101.04, 3857061.26	3.17E-05	9.58E-05	5.55E-05	1.06E-06	2.56E-05	1.04E-06	2.77E-05	1.59E-05	4.80E-05	2.78E-05	5.31E-07	1.28E-05	5.19E-07	1.39E-05
2919	487638.98, 3856673.79	2.42E-05	7.31E-05	4.23E-05	8.09E-07	1.95E-05	7.90E-07	2.11E-05	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.99E-07	1.07E-05
2920	487688.98, 3856673.79	2.38E-05	7.18E-05	4.16E-05	7.94E-07	1.92E-05	7.76E-07	2.08E-05	1.20E-05	3.62E-05	2.10E-05	4.01E-07	9.68E-06	3.91E-07	1.05E-05
2921	487638.98, 3856723.79	2.56E-05	7.74E-05	4.48E-05	8.56E-07	2.07E-05	8.37E-07	2.24E-05	1.29E-05	3.90E-05	2.26E-05	4.31E-07	1.04E-05	4.22E-07	1.13E-05
2922	487688.98, 3856723.79	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.26E-07	2.21E-05	1.28E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05
2923	486324.61, 3855740.57	2.67E-05	8.07E-05	4.67E-05	8.93E-07	2.16E-05	8.72E-07	2.33E-05	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.37E-07	1.17E-05
2924	486374.61, 3855740.57	2.61E-05	7.89E-05	4.56E-05	8.72E-07	2.11E-05	8.52E-07	2.28E-05	1.31E-05	3.95E-05	2.29E-05	4.37E-07	1.05E-05	4.27E-07	1.14E-05
2925	486424.61, 3855740.57	2.54E-05	7.68E-05	4.44E-05	8.49E-07	2.05E-05	8.30E-07	2.22E-05	1.27E-05	3.84E-05	2.23E-05	4.25E-07	1.03E-05	4.16E-07	1.11E-05
2926	486324.61, 3855790.57	2.78E-05	8.40E-05	4.86E-05	9.29E-07	2.24E-05	9.08E-07	2.43E-05	1.39E-05	4.20E-05	2.43E-05	4.65E-07	1.12E-05	4.54E-07	1.22E-05
2927	486374.61, 3855790.57	2.71E-05	8.18E-05	4.74E-05	9.05E-07	2.19E-05	8.84E-07	2.37E-05	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05
2928	486424.61, 3855790.57	2.63E-05	7.94E-05	4.60E-05	8.78E-07	2.12E-05	8.58E-07	2.29E-05	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05
2929	486324.61, 3855840.57	2.90E-05	8.76E-05	5.07E-05	9.69E-07	2.34E-05	9.47E-07	2.53E-05	1.45E-05	4.38E-05	2.54E-05	4.85E-07	1.17E-05	4.74E-07	1.27E-05
2930	486374.61, 3855840.57	2.81E-05	8.47E-05	4.91E-05	9.37E-07	2.26E-05	9.16E-07	2.45E-05	1.40E-05	4.24E-05	2.46E-05	4.69E-07	1.13E-05	4.58E-07	1.23E-05
2931	486424.61, 3855840.57	2.72E-05	8.23E-05	4.76E-05	9.10E-07	2.20E-05	8.89E-07	2.38E-05	1.36E-05	4.12E-05	2.38E-05	4.55E-07	1.10E-05	4.45E-07	1.19E-05
2932	486324.61, 3855890.57	3.02E-05	9.11E-05	5.27E-05	1.01E-06	2.43E-05	9.85E-07	2.63E-05	1.51E-05	4.56E-05	2.64E-05	5.04E-07	1.22E-05	4.93E-07	1.32E-05
2933	486374.61, 3855890.57	2.92E-05	8.80E-05	5.10E-05	9.73E-07	2.35E-05	9.51E-07	2.54E-05	1.46E-05	4.41E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05
2934	486424.61, 3855890.57	2.83E-05	8.53E-05	4.94E-05	9.43E-07	2.28E-05	9.22E-07	2.47E-05	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.62E-07	1.23E-05
2935	488735.69, 3858285.64	4.61E-05	1.39E-04	8.06E-05	1.54E-06	3.72E-05	1.50E-06	4.02E-05	2.36E-05	7.12E-05	4.12E-05	7.88E-07	1.90E-05	7.70E-07	2.06E-05
2936	488765.69, 3858285.64	4.28E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.40E-06	3.73E-05	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.16E-07	1.91E-05
2937	488735.69, 3858315.64	4.46E-05	1.35E-04	7.80E-05	1.49E-06	3.60E-05	1.46E-06	3.89E-05	2.29E-05	6.92E-05	4.01E-05	7.65E-07	1.85E-05	7.48E-07	2.00E-05
2938	488765.69, 3858315.64	4.18E-05	1.26E-04	7.30E-05	1.39E-06	3.37E-05	1.36E-06	3.64E-05	2.15E-05	6.49E-05	3.76E-05	7.18E-07	1.73E-05	7.01E-07	1.88E-05
2939	478676.63, 3849871.93	6.42E-06	1.94E-05	1.12E-05	2.14E-07	5.18E-06	2.09E-07	5.60E-06	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.46E-07	3.92E-06
2940	479326.63, 3849871.93	4.43E-06	1.34E-05	7.74E-06	1.48E-07	3.57E-06	1.44E-07	3.86E-06	2.97E-06	8.97E-06	5.20E-06	9.93E-08	2.40E-06	9.70E-08	2.59E-06
2941	479376.63, 3849871.93	4.33E-06	1.31E-05	7.57E-06	1.45E-07	3.49E-06	1.41E-07	3.78E-06	2.90E-06	8.76E-06	5.07E-06	9.69E-08	2.34E-06	9.47E-08	2.53E-06
2942	479426.63, 3849871.93	4.25E-06	1.28E-05	7.42E-06	1.42E-07	3.43E-06	1.39E-07	3.71E-06	2.84E-06	8.58E-06	4.96E-06	9.48E-08	2.29E-06	9.27E-08	2.48E-06
2943	478726.63, 3849921.93	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.21E-07	5.90E-06	4.73E-06	1.43E-05	8.27E-06	1.58E-07	3.81E-06	1.54E-07	4.13E-06
2944	478776.63, 3849921.93	6.50E-06	1.96E-05	1.14E-05	2.17E-07	5.24E-06	2.12E-07	5.67E-06	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06
2945	478826.63, 3849921.93	6.26E-06	1.89E-05	1.09E-05	2.09E-07	5.05E-06	2.04E-07	5.46E-06	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.80E-06
2946	478976.63, 3849921.93	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
2947	479026.63, 3849921.93	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06	3.78E-06	1.14E-05	6.61E-06	1.26E-07	3.05E-06	1.23E-07	3.30E-06
2948	479076.63, 3849921.93	5.35E-06	1.62E-05	9.35E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06	3.67E-06	1.11E-05	6.41E-06	1.22E-07	2.96E-06	1.20E-07	3.20E-06
2949	479126.63, 3849921.93	5.21E-06	1.57E-05	9.10E-06	1.74E-07	4.20E-06	1.70E-07	4.54E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
2950	479176.63, 3849921.93	5.07E-06	1.53E-05	8.86E-06	1.69E-07	4.09E-06	1.65E-07	4.42E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
2951	479226.63, 3849921.93	4.94E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.31E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06
2952	479276.63, 3849921.93	4.81E-06	1.45E-05	8.42E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
2953	479326.63, 3849921.93	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	3.18E-06	9.60E-06	5.56E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06
2954	479376.63, 3849921.93	4.60E-06	1.39E-05	8.03E-06	1.53E-07	3.71E-06	1.50E-07	4.01E-06	3.08E-06	9.30E-06	5.38E-06	1.03E-07	2.48E-06	1.01E-07	2.69E-06
2955	479426.63, 3849921.93	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.85E-08	2.64E-06
2956	478726.63, 3849971.93	7.48E-06	2.26E-05	1.31E-05	2.50E-07	6.03E-06	2.44E-07	6.53E-06	5.24E-06	1.58E-05	9.17E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06
2957	478776.63, 3849971.93	7.15E-06	2.16E-05	1.25E-05	2.39E-07	5.76E-06	2.33E-07	6.24E-06	5.00E-06	1.51E-05	8.73E-06	1.67E-07	4.03E-06	1.63E-07	4.36E-06
2958	478826.63, 3849971.93	6.85E-06	2.07E-05	1.20E-05	2.29E-07	5.53E-06	2.24E-07	5.98E-06	4.77E-06	1.44E-05	8.35E-06	1.59E-07	3.85E-06	1.56E-07	4.17E-06
2959	478976.63, 3849971.93	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.35E-06	4.24E-06	1.28E-05	7.41E-06	1.42E-07	3.42E-06	1.38E-07	3.70E-06
2960	479026.63, 3849971.93	5.94E-06	1.79E-05	1.04E-05	1.98E-07	4.79E-06	1.94E-07	5.19E-06	4.09E-06	1.24E-05	7.15E-06	1.37E-07	3.30E-06	1.33E-07	3.57E-06
2961	479076.63, 3849971.93	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.65E-06	1.88E-07	5.03E-06	3.95E-06	1.19E-05	6.91E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06
2962	479126.63, 3849971.93	5.60E-06	1.69E-05	9.78E-06	1.87E-07	4.51E-06	1.83E-07	4.88E-06	3.83E-06	1.16E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06
2963	479176.63, 3849971.93	5.44E-06	1.64E-05	9.50E-06	1.82E-07	4.38E-06	1.77E-07	4.74E-06	3.71E-06	1.12E-05	6.48E-06	1.24E-07	2.99E-06	1.21E-07	3.24E-06
2964	479226.63, 3849971.93	5.29E-06	1.60E-05	9.25E-06	1.77E-07	4.27E-06	1.73E-07	4.62E-06	3.57E-06	1.08E-05	6.25E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06
2965	479276.63, 3849971.93	5.15E-06	1.55E-05	9.00E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06	3.48E-06	1.05E-05	6.09E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
2966	479326.63, 3849971.93	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.64E-07	4.37E-06	3.39E-06	1.03E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
2967	479376.63, 3849971.93	4.90E-06	1.48E-05	8.56E-06	1.64E-07	3.95E-06	1.60E-07	4.27E-06	3.29E-06	9.94E-06	5.76E-06	1.10E-07	2.66E-06	1.07E-07	2.87E-06
2968	479426.63, 3849971.93	4.79E-06	1.45E-05	8.37E-06	1.60E-07	3.86E-06	1.56E-07	4.18E-06	3.21E-06	9.70E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
2969	478726.63, 3850021.93	8.39E-06	2.53E-05	1.47E-05	2.80E-07	6.77E-06	2.74E-07	7.32E-06	5.90E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.92E-07	5.15E-06
2970	478776.63, 3850021.93	7.97E-06	2.41E-05	1.39E-05	2.66E-07	6.43E-06	2.60E-07	6.95E-06	5.58E-06	1.69E-05	9.76E-06	1.86E-07	4.50E-06	1.82E-07	4.87E-06
2971	478826.63, 3850021.93	7.60E-06	2.30E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.63E-06	5.30E-06	1.60E-05	9.27E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06
2972	478976.63, 3850021.93	6.71E-06	2.03E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.86E-06	4.64E-06	1.40E-05	8.11E-06	1.55E-07	3.74E-06	1.51E-07	4.05E-06

2973	478726.63, 3850071.93	9.59E-06	2.90E-05	1.68E-05	3.20E-07	7.73E-06	3.13E-07	8.37E-06	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.20E-07	5.90E-06
2974	478776.63, 3850071.93	9.04E-06	2.73E-05	1.58E-05	3.02E-07	7.29E-06	2.95E-07	7.88E-06	6.34E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06
2975	478826.63, 3850071.93	8.56E-06	2.58E-05	1.50E-05	2.86E-07	6.90E-06	2.79E-07	7.47E-06	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.82E-06	1.95E-07	5.22E-06
2976	478876.63, 3850071.93	8.14E-06	2.46E-05	1.42E-05	2.72E-07	6.56E-06	2.65E-07	7.10E-06	5.66E-06	1.71E-05	9.90E-06	1.89E-07	4.57E-06	1.85E-07	4.94E-06
2977	478976.63, 3850071.93	7.43E-06	2.24E-05	1.30E-05	2.48E-07	5.99E-06	2.42E-07	6.48E-06	5.14E-06	1.55E-05	8.98E-06	1.72E-07	4.14E-06	1.68E-07	4.48E-06
2978	478726.63, 3850121.93	1.13E-05	3.40E-05	1.97E-05	3.76E-07	9.08E-06	3.67E-07	9.82E-06	7.95E-06	2.40E-05	1.39E-05	2.65E-07	6.41E-06	2.59E-07	6.94E-06
2979	478776.63, 3850121.93	1.05E-05	3.17E-05	1.83E-05	3.50E-07	8.46E-06	3.42E-07	9.15E-06	7.37E-06	2.23E-05	1.29E-05	2.46E-07	5.95E-06	2.41E-07	6.43E-06
2980	478826.63, 3850121.93	9.84E-06	2.97E-05	1.72E-05	3.28E-07	7.93E-06	3.21E-07	8.58E-06	6.88E-06	2.08E-05	1.20E-05	2.30E-07	5.55E-06	2.25E-07	6.00E-06
2981	478876.63, 3850121.93	9.28E-06	2.80E-05	1.62E-05	3.10E-07	7.49E-06	3.03E-07	8.10E-06	6.46E-06	1.95E-05	1.13E-05	2.16E-07	5.21E-06	2.11E-07	5.64E-06
2982	478976.63, 3850121.93	8.35E-06	2.52E-05	1.46E-05	2.79E-07	6.74E-06	2.73E-07	7.29E-06	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.66E-06	1.88E-07	5.04E-06
2983	479026.63, 3850121.93	7.97E-06	2.41E-05	1.39E-05	2.66E-07	6.43E-06	2.60E-07	6.96E-06	5.49E-06	1.66E-05	9.60E-06	1.83E-07	4.43E-06	1.79E-07	4.79E-06
2984	479076.63, 3850121.93	7.64E-06	2.31E-05	1.33E-05	2.55E-07	6.16E-06	2.49E-07	6.66E-06	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.57E-06
2985	479126.63, 3850121.93	7.33E-06	2.21E-05	1.28E-05	2.45E-07	5.91E-06	2.39E-07	6.39E-06	5.01E-06	1.51E-05	8.76E-06	1.67E-07	4.04E-06	1.64E-07	4.37E-06
2986	478776.63, 3850171.93	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.01E-05	4.10E-07	1.10E-05	8.85E-06	2.67E-05	1.55E-05	2.95E-07	7.13E-06	2.89E-07	7.72E-06
2987	478826.63, 3850171.93	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.37E-06	3.79E-07	1.01E-05	8.13E-06	2.46E-05	1.42E-05	2.72E-07	6.56E-06	2.65E-07	7.10E-06
2988	478876.63, 3850171.93	1.08E-05	3.27E-05	1.89E-05	3.61E-07	8.73E-06	3.53E-07	9.45E-06	7.54E-06	2.28E-05	1.32E-05	2.52E-07	6.08E-06	2.46E-07	6.58E-06
2989	478976.63, 3850171.93	9.56E-06	2.89E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.34E-06	6.60E-06	1.99E-05	1.15E-05	2.20E-07	5.33E-06	2.15E-07	5.76E-06
2990	479026.63, 3850171.93	9.05E-06	2.73E-05	1.58E-05	3.02E-07	7.30E-06	2.95E-07	7.90E-06	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.44E-06
2991	479076.63, 3850171.93	8.61E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.52E-06	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.76E-06	1.93E-07	5.15E-06
2992	479126.63, 3850171.93	8.22E-06	2.48E-05	1.44E-05	2.75E-07	6.63E-06	2.68E-07	7.17E-06	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06
2993	479176.63, 3850171.93	7.85E-06	2.37E-05	1.37E-05	2.62E-07	6.33E-06	2.56E-07	6.85E-06	5.35E-06	1.62E-05	9.35E-06	1.79E-07	4.32E-06	1.75E-07	4.67E-06
2994	479226.63, 3850171.93	7.51E-06	2.27E-05	1.31E-05	2.51E-07	6.06E-06	2.45E-07	6.55E-06	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06
2995	479276.63, 3850171.93	7.20E-06	2.18E-05	1.26E-05	2.41E-07	5.81E-06	2.35E-07	6.29E-06	4.89E-06	1.48E-05	8.55E-06	1.63E-07	3.95E-06	1.60E-07	4.27E-06
2996	479326.63, 3850171.93	6.95E-06	2.10E-05	1.22E-05	2.32E-07	5.61E-06	2.27E-07	6.07E-06	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06
2997	479376.63, 3850171.93	6.72E-06	2.03E-05	1.18E-05	2.24E-07	5.42E-06	2.19E-07	5.87E-06	4.53E-06	1.37E-05	7.93E-06	1.51E-07	3.66E-06	1.48E-07	3.96E-06
2998	478676.63, 3850221.93	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.74E-07	1.80E-05	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05
2999	478726.63, 3850221.93	1.78E-05	5.38E-05	3.12E-05	5.95E-07	1.44E-05	5.82E-07	1.56E-05	1.26E-05	3.81E-05	2.20E-05	4.21E-07	1.02E-05	4.11E-07	1.10E-05
3000	478976.63, 3850221.93	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.01E-06	3.64E-07	9.75E-06	7.71E-06	2.33E-05	1.35E-05	2.58E-07	6.22E-06	2.52E-07	6.73E-06
3001	479026.63, 3850221.93	1.05E-05	3.16E-05	1.83E-05	3.50E-07	8.45E-06	3.42E-07	9.14E-06	7.20E-06	2.17E-05	1.26E-05	2.41E-07	5.81E-06	2.35E-07	6.28E-06
3002	479076.63, 3850221.93	9.89E-06	2.99E-05	1.73E-05	3.30E-07	7.98E-06	3.23E-07	8.63E-06	6.77E-06	2.05E-05	1.18E-05	2.26E-07	5.46E-06	2.21E-07	5.91E-06
3003	479126.63, 3850221.93	9.37E-06	2.83E-05	1.64E-05	3.13E-07	7.56E-06	3.06E-07	8.18E-06	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.16E-06	2.09E-07	5.58E-06
3004	479176.63, 3850221.93	8.89E-06	2.68E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.97E-07	5.28E-06
3005	479226.63, 3850221.93	8.46E-06	2.55E-05	1.48E-05	2.82E-07	6.82E-06	2.76E-07	7.38E-06	5.74E-06	1.73E-05	1.00E-05	1.92E-07	4.63E-06	1.87E-07	5.01E-06
3006	479276.63, 3850221.93	8.08E-06	2.44E-05	1.41E-05	2.70E-07	6.52E-06	2.64E-07	7.05E-06	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.78E-07	4.77E-06
3007	479326.63, 3850221.93	7.78E-06	2.35E-05	1.36E-05	2.60E-07	6.27E-06	2.54E-07	6.79E-06	5.24E-06	1.58E-05	9.17E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06
3008	479376.63, 3850221.93	7.50E-06	2.26E-05	1.31E-05	2.50E-07	6.05E-06	2.45E-07	6.54E-06	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.06E-06	1.64E-07	4.40E-06
3009	478676.63, 3850271.93	3.20E-05	9.65E-05	5.59E-05	1.07E-06	2.58E-05	1.04E-06	2.79E-05	2.26E-05	6.83E-05	3.96E-05	7.56E-07	1.83E-05	7.39E-07	1.97E-05
3010	478726.63, 3850271.93	2.56E-05	7.72E-05	4.47E-05	8.54E-07	2.06E-05	8.34E-07	2.23E-05	1.81E-05	5.45E-05	3.16E-05	6.03E-07	1.46E-05	5.89E-07	1.58E-05
3011	478976.63, 3850271.93	1.34E-05	4.06E-05	2.35E-05	4.49E-07	1.08E-05	4.39E-07	1.17E-05	9.29E-06	2.81E-05	1.62E-05	3.10E-07	7.49E-06	3.03E-07	8.11E-06
3012	479026.63, 3850271.93	1.24E-05	3.76E-05	2.18E-05	4.16E-07	1.00E-05	4.06E-07	1.09E-05	8.55E-06	2.58E-05	1.49E-05	2.86E-07	6.90E-06	2.79E-07	7.46E-06
3013	479076.63, 3850271.93	1.16E-05	3.51E-05	2.03E-05	3.89E-07	9.39E-06	3.80E-07	1.02E-05	7.95E-06	2.40E-05	1.39E-05	2.66E-07	6.41E-06	2.59E-07	6.94E-06
3014	479126.63, 3850271.93	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.82E-06	3.57E-07	9.54E-06	7.44E-06	2.25E-05	1.30E-05	2.48E-07	6.00E-06	2.43E-07	6.49E-06
3015	479176.63, 3850271.93	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.30E-06	3.36E-07	8.98E-06	6.98E-06	2.11E-05	1.22E-05	2.33E-07	5.63E-06	2.28E-07	6.09E-06
3016	479226.63, 3850271.93	9.73E-06	2.94E-05	1.70E-05	3.25E-07	7.85E-06	3.18E-07	8.49E-06	6.57E-06	1.98E-05	1.15E-05	2.20E-07	5.30E-06	2.14E-07	5.74E-06
3017	479276.63, 3850271.93	9.27E-06	2.80E-05	1.62E-05	3.10E-07	7.48E-06	3.03E-07	8.09E-06	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06
3018	479326.63, 3850271.93	8.89E-06	2.68E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06	5.95E-06	1.80E-05	1.04E-05	1.99E-07	4.80E-06	1.94E-07	5.20E-06
3019	479376.63, 3850271.93	8.56E-06	2.58E-05	1.50E-05	2.86E-07	6.90E-06	2.79E-07	7.47E-06	5.70E-06	1.72E-05	9.97E-06	1.90E-07	4.60E-06	1.86E-07	4.98E-06
3020	479053.24, 3850293.52	1.30E-05	3.93E-05	2.28E-05	4.35E-07	1.05E-05	4.25E-07	1.14E-05	8.91E-06	2.69E-05	1.56E-05	2.98E-07	7.19E-06	2.91E-07	7.78E-06
3021	479103.24, 3850293.52	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.82E-06	3.97E-07	1.06E-05	8.28E-06	2.50E-05	1.45E-05	2.76E-07	6.68E-06	2.70E-07	7.22E-06
3022	479153.24, 3850293.52	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.20E-06	3.72E-07	9.95E-06	7.72E-06	2.33E-05	1.35E-05	2.58E-07	6.23E-06	2.52E-07	6.74E-06
3023	479203.24, 3850293.52	1.07E-05	3.24E-05	1.87E-05	3.58E-07	8.65E-06	3.50E-07	9.36E-06	7.23E-06	2.18E-05	1.26E-05	2.42E-07	5.84E-06	2.36E-07	6.31E-06
3024	479253.24, 3850293.52	1.02E-05	3.07E-05	1.78E-05	3.39E-07	8.20E-06	3.32E-07	8.87E-06	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06
3025	479303.24, 3850293.52	9.70E-06	2.93E-05	1.70E-05	3.24E-07	7.83E-06	3.17E-07	8.47E-06	6.49E-06	1.96E-05	1.13E-05	2.17E-07	5.23E-06	2.12E-07	5.66E-06
3026	479353.24, 3850293.52	9.31E-06	2.81E-05	1.63E-05	3.11E-07	7.51E-06	3.04E-07	8.12E-06	6.19E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06
3027	479153.24, 3850343.52	1.41E-05	4.25E-05	2.46E-05	4.70E-07	1.14E-05	4.60E-07	1.23E-05	9.44E-06	2.85E-05	1.65E-05	3.15E-07	7.62E-06	3.08E-07	8.24E-06
3028	479203.24, 3850343.52	1.32E-05	3.97E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05	8.77E-06	2.65E-05	1.53E-05	2.93E-07	7.08E-06	2.86E-07	7.65E-06
3029	479253.24, 3850343.52	1.24E-05	3.75E-05	2.17E-05	4.15E-07	1.00E-05	4.06E-07	1.08E-05	8.23E-06	2.49E-05	1.44E-05	2.75E-07	6.64E-06	2.69E-07	7.18E-06
3030	479303.24, 3850343.52	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05	7.77E-06	2.34E-05	1.36E-05	2.59E-07	6.26E-06	2.53E-07	6.78E-06
3031	479353.24, 3850343.52	1.12E-05	3.39E-05	1.96E-05	3.74E-07	9.04E-06	3.66E-07	9.78E-06	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06
3032	479203.24, 3850393.52	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05	1.19E-05	3.60E-05	2.08E-05	3.98E-07	9.61E-06	3.89E-07	1.04E-05
3033	479253.24, 3850393.52	1.70E-05	5.12E-05	2.97E-05	5.67E-07	1.37E-05	5.54E-07	1.48E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.48E-06
3034	479303.24, 3850393.52	1.56E-05	4.70E-05	2.72E-05	5.20E-07	1.26E-05	5.08E-07	1.36E-05	9.96E-06	3.01E-05	1.74E-05	3.33E-07	8.03E-06	3.25E-07	8.69E-06

3035	479353.24, 3850393.52	1.44E-05	4.34E-05	2.51E-05	4.80E-07	1.16E-05	4.69E-07	1.26E-05	9.20E-06	2.78E-05	1.61E-05	3.07E-07	7.42E-06	3.00E-07	8.03E-06
3036	479403.24, 3850393.52	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.37E-07	1.17E-05	8.55E-06	2.58E-05	1.49E-05	2.85E-07	6.89E-06	2.79E-07	7.46E-06
3037	479453.24, 3850393.52	1.25E-05	3.78E-05	2.19E-05	4.18E-07	1.01E-05	4.09E-07	1.09E-05	7.99E-06	2.41E-05	1.40E-05	2.67E-07	6.44E-06	2.61E-07	6.97E-06
3038	479503.24, 3850393.52	1.18E-05	3.56E-05	2.06E-05	3.93E-07	9.50E-06	3.84E-07	1.03E-05	7.50E-06	2.26E-05	1.31E-05	2.50E-07	6.05E-06	2.45E-07	6.54E-06
3039	479303.24, 3850443.52	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.56E-07	2.02E-05	1.42E-05	4.28E-05	2.48E-05	4.74E-07	1.14E-05	4.63E-07	1.24E-05
3040	479353.24, 3850443.52	2.00E-05	6.05E-05	3.50E-05	6.69E-07	1.62E-05	6.54E-07	1.75E-05	1.24E-05	3.74E-05	2.16E-05	4.13E-07	9.98E-06	4.04E-07	1.08E-05
3041	479403.24, 3850443.52	1.78E-05	5.36E-05	3.10E-05	5.93E-07	1.43E-05	5.79E-07	1.55E-05	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.90E-06	3.60E-07	9.63E-06
3042	479453.24, 3850443.52	1.60E-05	4.85E-05	2.81E-05	5.36E-07	1.29E-05	5.24E-07	1.40E-05	1.00E-05	3.02E-05	1.75E-05	3.34E-07	8.07E-06	3.27E-07	8.73E-06
3043	479503.24, 3850443.52	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.19E-05	4.80E-07	1.28E-05	9.17E-06	2.77E-05	1.60E-05	3.06E-07	7.40E-06	2.99E-07	8.00E-06
3044	480327.18, 3850987.04	1.73E-05	5.23E-05	3.03E-05	5.78E-07	1.40E-05	5.65E-07	1.51E-05	1.20E-05	3.61E-05	2.09E-05	4.00E-07	9.66E-06	3.91E-07	1.04E-05
3045	480377.18, 3850987.04	1.54E-05	4.66E-05	2.70E-05	5.15E-07	1.24E-05	5.03E-07	1.35E-05	1.06E-05	3.21E-05	1.86E-05	3.55E-07	8.58E-06	3.47E-07	9.28E-06
3046	480427.18, 3850987.04	1.40E-05	4.21E-05	2.44E-05	4.66E-07	1.13E-05	4.55E-07	1.22E-05	9.58E-06	2.89E-05	1.68E-05	3.20E-07	7.73E-06	3.13E-07	8.36E-06
3047	480477.18, 3850987.04	1.28E-05	3.86E-05	2.23E-05	4.26E-07	1.03E-05	4.17E-07	1.11E-05	8.73E-06	2.64E-05	1.53E-05	2.91E-07	7.04E-06	2.85E-07	7.62E-06
3048	480327.18, 3851037.04	2.34E-05	7.05E-05	4.08E-05	7.80E-07	1.88E-05	7.62E-07	2.04E-05	1.62E-05	4.90E-05	2.84E-05	5.42E-07	1.31E-05	5.30E-07	1.42E-05
3049	480377.18, 3851037.04	1.98E-05	5.96E-05	3.45E-05	6.60E-07	1.59E-05	6.45E-07	1.72E-05	1.37E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.48E-07	1.20E-05
3050	480427.18, 3851037.04	1.72E-05	5.19E-05	3.01E-05	5.74E-07	1.39E-05	5.61E-07	1.50E-05	1.19E-05	3.60E-05	2.08E-05	3.98E-07	9.62E-06	3.89E-07	1.04E-05
3051	480477.18, 3851037.04	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.33E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.45E-07	9.22E-06
3052	480622.06, 3851087.39	1.39E-05	4.19E-05	2.43E-05	4.63E-07	1.12E-05	4.53E-07	1.21E-05	9.57E-06	2.89E-05	1.67E-05	3.20E-07	7.72E-06	3.12E-07	8.35E-06
3053	480672.06, 3851087.39	1.27E-05	3.83E-05	2.21E-05	4.23E-07	1.02E-05	4.13E-07	1.11E-05	8.70E-06	2.63E-05	1.52E-05	2.91E-07	7.02E-06	2.84E-07	7.59E-06
3054	480622.06, 3851137.39	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05	1.21E-05	3.65E-05	2.11E-05	4.04E-07	9.75E-06	3.94E-07	1.05E-05
3055	480672.06, 3851137.39	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.03E-07	1.34E-05	1.07E-05	3.22E-05	1.86E-05	3.56E-07	8.60E-06	3.48E-07	9.31E-06
3056	480722.06, 3851137.39	1.39E-05	4.19E-05	2.43E-05	4.63E-07	1.12E-05	4.53E-07	1.21E-05	9.58E-06	2.89E-05	1.67E-05	3.20E-07	7.72E-06	3.12E-07	8.36E-06
3057	480622.06, 3851187.39	2.42E-05	7.31E-05	4.23E-05	8.08E-07	1.95E-05	7.90E-07	2.11E-05	1.68E-05	5.08E-05	2.94E-05	5.62E-07	1.36E-05	5.49E-07	1.47E-05
3058	480672.06, 3851187.39	2.03E-05	6.12E-05	3.54E-05	6.77E-07	1.63E-05	6.61E-07	1.77E-05	1.41E-05	4.25E-05	2.46E-05	4.71E-07	1.14E-05	4.60E-07	1.23E-05
3059	480722.06, 3851187.39	1.75E-05	5.29E-05	3.06E-05	5.85E-07	1.41E-05	5.72E-07	1.53E-05	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05
3060	471363.09, 3845877.25	7.09E-07	2.14E-06	1.24E-06	2.37E-08	5.72E-07	2.31E-08	6.18E-07	4.74E-07	1.43E-06	8.29E-07	1.58E-08	3.83E-07	1.55E-08	4.14E-07
3061	471863.09, 3845877.25	7.13E-07	2.15E-06	1.25E-06	2.38E-08	5.75E-07	2.33E-08	6.22E-07	4.76E-07	1.44E-06	8.32E-07	1.59E-08	3.84E-07	1.55E-08	4.15E-07
3062	472363.09, 3845877.25	7.60E-07	2.30E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07	5.19E-07	1.57E-06	9.07E-07	1.73E-08	4.18E-07	1.69E-08	4.53E-07
3063	472863.09, 3845877.25	7.36E-07	2.22E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.42E-07	5.02E-07	1.51E-06	8.77E-07	1.68E-08	4.05E-07	1.64E-08	4.38E-07
3064	473363.09, 3845877.25	7.38E-07	2.23E-06	1.29E-06	2.47E-08	5.96E-07	2.41E-08	6.44E-07	5.06E-07	1.53E-06	8.85E-07	1.69E-08	4.08E-07	1.65E-08	4.42E-07
3065	473863.09, 3845877.25	7.33E-07	2.21E-06	1.28E-06	2.45E-08	5.92E-07	2.39E-08	6.40E-07	5.06E-07	1.53E-06	8.85E-07	1.69E-08	4.08E-07	1.65E-08	4.42E-07
3066	474363.09, 3845877.25	7.42E-07	2.24E-06	1.30E-06	2.48E-08	5.98E-07	2.42E-08	6.47E-07	5.19E-07	1.57E-06	9.08E-07	1.73E-08	4.19E-07	1.69E-08	4.53E-07
3067	474863.09, 3845877.25	7.56E-07	2.28E-06	1.32E-06	2.52E-08	6.10E-07	2.47E-08	6.59E-07	5.31E-07	1.60E-06	9.28E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07
3068	475363.09, 3845877.25	7.78E-07	2.35E-06	1.36E-06	2.60E-08	6.28E-07	2.54E-08	6.79E-07	5.44E-07	1.64E-06	9.51E-07	1.82E-08	4.39E-07	1.78E-08	4.75E-07
3069	475863.09, 3845877.25	7.84E-07	2.37E-06	1.37E-06	2.62E-08	6.32E-07	2.56E-08	6.84E-07	5.43E-07	1.64E-06	9.48E-07	1.81E-08	4.38E-07	1.77E-08	4.73E-07
3070	476363.09, 3845877.25	7.68E-07	2.32E-06	1.34E-06	2.56E-08	6.19E-07	2.51E-08	6.70E-07	5.27E-07	1.59E-06	9.21E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
3071	476863.09, 3845877.25	7.31E-07	2.21E-06	1.28E-06	2.44E-08	5.90E-07	2.39E-08	6.38E-07	5.00E-07	1.51E-06	8.74E-07	1.67E-08	4.03E-07	1.63E-08	4.36E-07
3072	477363.09, 3845877.25	6.99E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.10E-07	4.77E-07	1.44E-06	8.33E-07	1.59E-08	3.84E-07	1.55E-08	4.16E-07
3073	477863.09, 3845877.25	6.73E-07	2.03E-06	1.18E-06	2.25E-08	5.43E-07	2.20E-08	5.88E-07	4.56E-07	1.38E-06	7.97E-07	1.52E-08	3.68E-07	1.49E-08	3.98E-07
3074	478363.09, 3845877.25	6.68E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07	4.48E-07	1.35E-06	7.84E-07	1.50E-08	3.62E-07	1.46E-08	3.91E-07
3075	478863.09, 3845877.25	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.31E-07	2.15E-08	5.75E-07	4.39E-07	1.33E-06	7.68E-07	1.47E-08	3.54E-07	1.43E-08	3.83E-07
3076	479363.09, 3845877.25	6.68E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07	4.41E-07	1.33E-06	7.71E-07	1.47E-08	3.56E-07	1.44E-08	3.85E-07
3077	479863.09, 3845877.25	6.78E-07	2.05E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	4.41E-07	1.33E-06	7.72E-07	1.47E-08	3.56E-07	1.44E-08	3.85E-07
3078	480363.09, 3845877.25	6.77E-07	2.05E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	4.34E-07	1.31E-06	7.59E-07	1.45E-08	3.50E-07	1.42E-08	3.79E-07
3079	480863.09, 3845877.25	6.73E-07	2.03E-06	1.18E-06	2.25E-08	5.43E-07	2.20E-08	5.88E-07	4.28E-07	1.29E-06	7.47E-07	1.43E-08	3.45E-07	1.40E-08	3.73E-07
3080	481363.09, 3845877.25	6.56E-07	1.98E-06	1.15E-06	2.19E-08	5.29E-07	2.14E-08	5.72E-07	4.15E-07	1.25E-06	7.25E-07	1.39E-08	3.35E-07	1.35E-08	3.62E-07
3081	481863.09, 3845877.25	6.19E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07	3.92E-07	1.18E-06	6.86E-07	1.31E-08	3.16E-07	1.28E-08	3.42E-07
3082	482363.09, 3845877.25	5.91E-07	1.78E-06	1.03E-06	1.97E-08	4.77E-07	1.93E-08	5.16E-07	3.74E-07	1.13E-06	6.54E-07	1.25E-08	3.02E-07	1.22E-08	3.26E-07
3083	482863.09, 3845877.25	5.53E-07	1.67E-06	9.67E-07	1.85E-08	4.46E-07	1.81E-08	4.83E-07	3.46E-07	1.05E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
3084	483363.09, 3845877.25	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07	3.35E-07	1.01E-06	5.86E-07	1.12E-08	2.71E-07	1.09E-08	2.93E-07
3085	483863.09, 3845877.25	5.75E-07	1.74E-06	1.01E-06	1.92E-08	4.64E-07	1.88E-08	5.02E-07	3.58E-07	1.08E-06	6.26E-07	1.20E-08	2.89E-07	1.17E-08	3.12E-07
3086	484363.09, 3845877.25	5.69E-07	1.72E-06	9.94E-07	1.90E-08	4.59E-07	1.86E-08	4.96E-07	3.54E-07	1.07E-06	6.19E-07	1.18E-08	2.86E-07	1.16E-08	3.09E-07
3087	484863.09, 3845877.25	5.56E-07	1.68E-06	9.71E-07	1.86E-08	4.48E-07	1.81E-08	4.85E-07	3.46E-07	1.04E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
3088	485363.09, 3845877.25	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07	3.36E-07	1.01E-06	5.87E-07	1.12E-08	2.71E-07	1.10E-08	2.93E-07
3089	485863.09, 3845877.25	5.45E-07	1.64E-06	9.52E-07	1.82E-08	4.39E-07	1.78E-08	4.75E-07	3.38E-07	1.02E-06	5.91E-07	1.13E-08	2.73E-07	1.10E-08	2.95E-07
3090	486363.09, 3845877.25	5.47E-07	1.65E-06	9.57E-07	1.83E-08	4.41E-07	1.79E-08	4.78E-07	3.38E-07	1.02E-06	5.91E-07	1.13E-08	2.73E-07	1.10E-08	2.95E-07
3091	486863.09, 3845877.25	5.37E-07	1.62E-06	9.39E-07	1.79E-08	4.33E-07	1.75E-08	4.69E-07	3.30E-07	9.98E-07	5.77E-07	1.10E-08	2.66E-07	1.08E-08	2.88E-07
3092	487363.09, 3845877.25	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07	3.31E-07	9.98E-07	5.78E-07	1.10E-08	2.67E-07	1.08E-08	2.89E-07
3093	487863.09, 3845877.25	5.30E-07	1.60E-06	9.27E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07	3.24E-07	9.77E-07	5.66E-07	1.08E-08	2.61E-07	1.06E-08	2.82E-07
3094	488363.09, 3845877.25	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07	3.21E-07	9.69E-07	5.61E-07	1.07E-08	2.59E-07	1.05E-08	2.80E-07
3095	488863.09, 3845877.25	5.53E-07	1.67E-06	9.66E-07	1.85E-08	4.46E-07	1.80E-08	4.82E-07	3.36E-07	1.02E-06	5.88E-07	1.12E-08	2.71E-07	1.10E-08	2.93E-07
3096	489363.09, 3845877.25	5.56E-07	1.68E-06	9.72E-07	1.86E-08	4.48E-07	1.81E-08	4.85E-07	3.37E-07	1.02E-06	5.89E-07	1.13E-08	2.72E-07	1.10E-08	2.94E-07

3097	489863.09, 3845877.25	5.42E-07	1.64E-06	9.48E-07	1.81E-08	4.37E-07	1.77E-08	4.73E-07	3.28E-07	9.91E-07	5.74E-07	1.10E-08	2.65E-07	1.07E-08	2.87E-07
3098	490363.09, 3845877.25	5.31E-07	1.60E-06	9.29E-07	1.77E-08	4.29E-07	1.73E-08	4.64E-07	3.20E-07	9.66E-07	5.59E-07	1.07E-08	2.58E-07	1.04E-08	2.79E-07
3099	490863.09, 3845877.25	5.10E-07	1.54E-06	8.92E-07	1.70E-08	4.12E-07	1.67E-08	4.45E-07	3.04E-07	9.17E-07	5.31E-07	1.01E-08	2.45E-07	9.91E-09	2.65E-07
3100	491363.09, 3845877.25	5.30E-07	1.60E-06	9.27E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07	3.16E-07	9.55E-07	5.53E-07	1.06E-08	2.55E-07	1.03E-08	2.76E-07
3101	491863.09, 3845877.25	5.47E-07	1.65E-06	9.56E-07	1.83E-08	4.41E-07	1.78E-08	4.77E-07	3.25E-07	9.82E-07	5.69E-07	1.09E-08	2.62E-07	1.06E-08	2.84E-07
3102	492363.09, 3845877.25	5.29E-07	1.60E-06	9.24E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07	3.12E-07	9.43E-07	5.46E-07	1.04E-08	2.52E-07	1.02E-08	2.73E-07
3103	492863.09, 3845877.25	5.60E-07	1.69E-06	9.79E-07	1.87E-08	4.52E-07	1.83E-08	4.89E-07	3.31E-07	1.00E-06	5.79E-07	1.11E-08	2.67E-07	1.08E-08	2.89E-07
3104	493363.09, 3845877.25	5.76E-07	1.74E-06	1.01E-06	1.92E-08	4.65E-07	1.88E-08	5.03E-07	3.40E-07	1.03E-06	5.95E-07	1.14E-08	2.75E-07	1.11E-08	2.97E-07
3105	493863.09, 3845877.25	5.92E-07	1.79E-06	1.03E-06	1.98E-08	4.78E-07	1.93E-08	5.17E-07	3.49E-07	1.05E-06	6.10E-07	1.16E-08	2.81E-07	1.14E-08	3.04E-07
3106	494363.09, 3845877.25	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07	3.56E-07	1.08E-06	6.23E-07	1.19E-08	2.87E-07	1.16E-08	3.11E-07
3107	494863.09, 3845877.25	6.16E-07	1.86E-06	1.08E-06	2.06E-08	4.97E-07	2.01E-08	5.38E-07	3.61E-07	1.09E-06	6.31E-07	1.21E-08	2.91E-07	1.18E-08	3.15E-07
3108	495363.09, 3845877.25	6.27E-07	1.89E-06	1.10E-06	2.09E-08	5.05E-07	2.04E-08	5.47E-07	3.66E-07	1.11E-06	6.40E-07	1.22E-08	2.95E-07	1.20E-08	3.20E-07
3109	495863.09, 3845877.25	6.42E-07	1.94E-06	1.12E-06	2.14E-08	5.18E-07	2.09E-08	5.60E-07	3.74E-07	1.13E-06	6.54E-07	1.25E-08	3.02E-07	1.22E-08	3.26E-07
3110	496363.09, 3845877.25	6.57E-07	1.98E-06	1.15E-06	2.19E-08	5.30E-07	2.14E-08	5.73E-07	3.82E-07	1.15E-06	6.67E-07	1.27E-08	3.08E-07	1.25E-08	3.33E-07
3111	496863.09, 3845877.25	6.66E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07	3.86E-07	1.16E-06	6.74E-07	1.29E-08	3.11E-07	1.26E-08	3.37E-07
3112	497363.09, 3845877.25	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.45E-07	2.21E-08	5.90E-07	3.91E-07	1.18E-06	6.83E-07	1.30E-08	3.15E-07	1.27E-08	3.41E-07
3113	497863.09, 3845877.25	6.90E-07	2.08E-06	1.21E-06	2.30E-08	5.56E-07	2.25E-08	6.02E-07	3.97E-07	1.20E-06	6.94E-07	1.33E-08	3.20E-07	1.30E-08	3.46E-07
3114	498363.09, 3845877.25	7.03E-07	2.12E-06	1.23E-06	2.35E-08	5.67E-07	2.30E-08	6.14E-07	4.03E-07	1.22E-06	7.05E-07	1.35E-08	3.25E-07	1.32E-08	3.52E-07
3115	471363.09, 3846377.25	5.14E-06	1.55E-05	8.98E-06	1.72E-07	4.14E-06	1.68E-07	4.48E-06	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06
3116	471863.09, 3846377.25	4.41E-06	1.33E-05	7.71E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	4.16E-06	1.25E-05	7.26E-06	1.39E-07	3.35E-06	1.36E-07	3.63E-06
3117	472363.09, 3846377.25	1.68E-06	5.07E-06	2.94E-06	5.61E-08	1.36E-06	5.48E-08	1.47E-06	1.43E-06	4.31E-06	2.50E-06	4.77E-08	1.15E-06	4.66E-08	1.25E-06
3118	472863.09, 3846377.25	1.32E-06	3.99E-06	2.31E-06	4.41E-08	1.07E-06	4.31E-08	1.15E-06	1.07E-06	3.22E-06	1.87E-06	3.56E-08	8.61E-07	3.48E-08	9.31E-07
3119	473363.09, 3846377.25	1.15E-06	3.46E-06	2.00E-06	3.83E-08	9.24E-07	3.74E-08	1.00E-06	8.92E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07
3120	473863.09, 3846377.25	1.07E-06	3.24E-06	1.88E-06	3.58E-08	8.66E-07	3.50E-08	9.36E-07	8.22E-07	2.48E-06	1.44E-06	2.74E-08	6.63E-07	2.68E-08	7.17E-07
3121	474363.09, 3846377.25	1.01E-06	3.04E-06	1.76E-06	3.37E-08	8.13E-07	3.29E-08	8.80E-07	7.61E-07	2.30E-06	1.33E-06	2.54E-08	6.14E-07	2.48E-08	6.64E-07
3122	474863.09, 3846377.25	9.72E-07	2.93E-06	1.70E-06	3.24E-08	7.84E-07	3.17E-08	8.48E-07	7.27E-07	2.20E-06	1.27E-06	2.43E-08	5.86E-07	2.37E-08	6.34E-07
3123	475363.09, 3846377.25	9.37E-07	2.83E-06	1.64E-06	3.13E-08	7.55E-07	3.06E-08	8.17E-07	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07
3124	475863.09, 3846377.25	9.24E-07	2.79E-06	1.62E-06	3.09E-08	7.46E-07	3.02E-08	8.07E-07	6.73E-07	2.03E-06	1.18E-06	2.25E-08	5.43E-07	2.20E-08	5.87E-07
3125	476363.09, 3846377.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.87E-07	6.44E-07	1.94E-06	1.13E-06	2.15E-08	5.19E-07	2.10E-08	5.62E-07
3126	476863.09, 3846377.25	8.67E-07	2.62E-06	1.52E-06	2.90E-08	7.00E-07	2.83E-08	7.57E-07	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.93E-07	2.00E-08	5.34E-07
3127	477363.09, 3846377.25	8.22E-07	2.48E-06	1.44E-06	2.74E-08	6.63E-07	2.68E-08	7.17E-07	5.76E-07	1.74E-06	1.01E-06	1.92E-08	4.64E-07	1.88E-08	5.02E-07
3128	477863.09, 3846377.25	7.82E-07	2.36E-06	1.37E-06	2.61E-08	6.31E-07	2.55E-08	6.82E-07	5.43E-07	1.64E-06	9.48E-07	1.81E-08	4.38E-07	1.77E-08	4.73E-07
3129	478363.09, 3846377.25	7.63E-07	2.31E-06	1.33E-06	2.55E-08	6.16E-07	2.49E-08	6.66E-07	5.24E-07	1.58E-06	9.16E-07	1.75E-08	4.23E-07	1.71E-08	4.57E-07
3130	478863.09, 3846377.25	7.57E-07	2.29E-06	1.32E-06	2.53E-08	6.10E-07	2.47E-08	6.60E-07	5.15E-07	1.56E-06	9.00E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07
3131	479363.09, 3846377.25	7.48E-07	2.26E-06	1.31E-06	2.50E-08	6.03E-07	2.44E-08	6.52E-07	5.04E-07	1.52E-06	8.81E-07	1.68E-08	4.06E-07	1.64E-08	4.40E-07
3132	479863.09, 3846377.25	7.47E-07	2.26E-06	1.31E-06	2.50E-08	6.03E-07	2.44E-08	6.52E-07	4.96E-07	1.50E-06	8.68E-07	1.66E-08	4.00E-07	1.62E-08	4.33E-07
3133	480363.09, 3846377.25	7.67E-07	2.31E-06	1.34E-06	2.56E-08	6.18E-07	2.50E-08	6.69E-07	5.01E-07	1.51E-06	8.76E-07	1.67E-08	4.04E-07	1.64E-08	4.37E-07
3134	480863.09, 3846377.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.06E-07	2.45E-08	6.56E-07	4.84E-07	1.46E-06	8.46E-07	1.62E-08	3.90E-07	1.58E-08	4.22E-07
3135	481363.09, 3846377.25	7.42E-07	2.24E-06	1.30E-06	2.48E-08	5.99E-07	2.42E-08	6.48E-07	4.74E-07	1.43E-06	8.29E-07	1.58E-08	3.83E-07	1.55E-08	4.14E-07
3136	481863.09, 3846377.25	7.11E-07	2.15E-06	1.24E-06	2.37E-08	5.74E-07	2.32E-08	6.21E-07	4.53E-07	1.37E-06	7.92E-07	1.51E-08	3.65E-07	1.48E-08	3.95E-07
3137	482363.09, 3846377.25	6.65E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.80E-07	4.24E-07	1.28E-06	7.41E-07	1.42E-08	3.42E-07	1.38E-08	3.70E-07
3138	482863.09, 3846377.25	6.29E-07	1.90E-06	1.10E-06	2.10E-08	5.07E-07	2.05E-08	5.49E-07	3.98E-07	1.20E-06	6.95E-07	1.33E-08	3.21E-07	1.30E-08	3.47E-07
3139	483363.09, 3846377.25	6.40E-07	1.93E-06	1.12E-06	2.14E-08	5.16E-07	2.09E-08	5.59E-07	4.04E-07	1.22E-06	7.05E-07	1.35E-08	3.26E-07	1.32E-08	3.52E-07
3140	483863.09, 3846377.25	6.40E-07	1.93E-06	1.12E-06	2.14E-08	5.17E-07	2.09E-08	5.59E-07	4.01E-07	1.21E-06	7.02E-07	1.34E-08	3.24E-07	1.31E-08	3.50E-07
3141	484363.09, 3846377.25	6.17E-07	1.86E-06	1.08E-06	2.06E-08	4.97E-07	2.01E-08	5.38E-07	3.85E-07	1.16E-06	6.73E-07	1.29E-08	3.10E-07	1.26E-08	3.36E-07
3142	484863.09, 3846377.25	6.25E-07	1.89E-06	1.09E-06	2.09E-08	5.04E-07	2.04E-08	5.46E-07	3.91E-07	1.18E-06	6.84E-07	1.31E-08	3.16E-07	1.28E-08	3.41E-07
3143	485363.09, 3846377.25	6.23E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.44E-07	3.89E-07	1.17E-06	6.80E-07	1.30E-08	3.14E-07	1.27E-08	3.39E-07
3144	485863.09, 3846377.25	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.89E-07	1.98E-08	5.29E-07	3.77E-07	1.14E-06	6.59E-07	1.26E-08	3.04E-07	1.23E-08	3.29E-07
3145	486363.09, 3846377.25	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.06E-07	3.58E-07	1.08E-06	6.26E-07	1.20E-08	2.89E-07	1.17E-08	3.12E-07
3146	486863.09, 3846377.25	5.75E-07	1.73E-06	1.00E-06	1.92E-08	4.63E-07	1.87E-08	5.01E-07	3.53E-07	1.07E-06	6.17E-07	1.18E-08	2.85E-07	1.15E-08	3.08E-07
3147	487363.09, 3846377.25	5.85E-07	1.77E-06	1.02E-06	1.95E-08	4.72E-07	1.91E-08	5.10E-07	3.58E-07	1.08E-06	6.27E-07	1.20E-08	2.89E-07	1.17E-08	3.13E-07
3148	487863.09, 3846377.25	6.04E-07	1.82E-06	1.06E-06	2.02E-08	4.87E-07	1.97E-08	5.27E-07	3.70E-07	1.12E-06	6.47E-07	1.24E-08	2.99E-07	1.21E-08	3.23E-07
3149	488363.09, 3846377.25	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.89E-07	1.98E-08	5.29E-07	3.69E-07	1.12E-06	6.46E-07	1.23E-08	2.98E-07	1.21E-08	3.22E-07
3150	488863.09, 3846377.25	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.87E-07	1.97E-08	5.27E-07	3.67E-07	1.11E-06	6.42E-07	1.23E-08	2.96E-07	1.20E-08	3.20E-07
3151	489363.09, 3846377.25	6.01E-07	1.81E-06	1.05E-06	2.01E-08	4.85E-07	1.96E-08	5.24E-07	3.65E-07	1.10E-06	6.38E-07	1.22E-08	2.94E-07	1.19E-08	3.19E-07
3152	489863.09, 3846377.25	5.96E-07	1.80E-06	1.04E-06	1.99E-08	4.81E-07	1.95E-08	5.20E-07	3.60E-07	1.09E-06	6.30E-07	1.20E-08	2.90E-07	1.18E-08	3.14E-07
3153	490363.09, 3846377.25	5.65E-07	1.71E-06	9.88E-07	1.89E-08	4.56E-07	1.85E-08	4.93E-07	3.39E-07	1.02E-06	5.93E-07	1.13E-08	2.74E-07	1.11E-08	2.96E-07
3154	490863.09, 3846377.25	5.60E-07	1.69E-06	9.79E-07	1.87E-08	4.52E-07	1.83E-08	4.89E-07	3.34E-07	1.01E-06	5.84E-07	1.12E-08	2.69E-07	1.09E-08	2.91E-07
3155	491363.09, 3846377.25	5.63E-07	1.70E-06	9.84E-07	1.88E-08	4.54E-07	1.84E-08	4.91E-07	3.34E-07	1.01E-06	5.84E-07	1.12E-08	2.70E-07	1.09E-08	2.92E-07
3156	491863.09, 3846377.25	5.94E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07	3.53E-07	1.06E-06	6.16E-07	1.18E-08	2.84E-07	1.15E-08	3.08E-07
3157	492363.09, 3846377.25	5.90E-07	1.78E-06	1.03E-06	1.97E-08	4.76E-07	1.93E-08	5.15E-07	3.49E-07	1.05E-06	6.10E-07	1.17E-08	2.82E-07	1.14E-08	3.05E-07
3158	492863.09, 3846377.25	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.23E-07	3.54E-07	1.07E-06	6.18E-07	1.18E-08	2.85E-07	1.15E-08	3.09E-07

3159	493363.09, 3846377.25	6.23E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07	3.67E-07	1.11E-06	6.42E-07	1.23E-08	2.96E-07	1.20E-08	3.20E-07
3160	493863.09, 3846377.25	6.42E-07	1.94E-06	1.12E-06	2.15E-08	5.18E-07	2.10E-08	5.61E-07	3.77E-07	1.14E-06	6.59E-07	1.26E-08	3.04E-07	1.23E-08	3.29E-07
3161	494363.09, 3846377.25	6.52E-07	1.97E-06	1.14E-06	2.18E-08	5.26E-07	2.13E-08	5.69E-07	3.82E-07	1.15E-06	6.67E-07	1.27E-08	3.08E-07	1.25E-08	3.33E-07
3162	494863.09, 3846377.25	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.78E-07	3.87E-07	1.17E-06	6.77E-07	1.29E-08	3.12E-07	1.26E-08	3.38E-07
3163	495363.09, 3846377.25	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.90E-07	3.94E-07	1.19E-06	6.89E-07	1.32E-08	3.18E-07	1.29E-08	3.44E-07
3164	495863.09, 3846377.25	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07	4.02E-07	1.21E-06	7.02E-07	1.34E-08	3.24E-07	1.31E-08	3.51E-07
3165	496363.09, 3846377.25	7.07E-07	2.13E-06	1.24E-06	2.36E-08	5.70E-07	2.31E-08	6.17E-07	4.10E-07	1.24E-06	7.16E-07	1.37E-08	3.30E-07	1.34E-08	3.57E-07
3166	496863.09, 3846377.25	7.21E-07	2.18E-06	1.26E-06	2.41E-08	5.81E-07	2.35E-08	6.29E-07	4.16E-07	1.26E-06	7.27E-07	1.39E-08	3.36E-07	1.36E-08	3.63E-07
3167	497363.09, 3846377.25	7.35E-07	2.22E-06	1.29E-06	2.46E-08	5.93E-07	2.40E-08	6.42E-07	4.23E-07	1.28E-06	7.39E-07	1.41E-08	3.41E-07	1.38E-08	3.69E-07
3168	497863.09, 3846377.25	7.49E-07	2.26E-06	1.31E-06	2.50E-08	6.04E-07	2.44E-08	6.54E-07	4.29E-07	1.30E-06	7.51E-07	1.43E-08	3.46E-07	1.40E-08	3.75E-07
3169	498363.09, 3846377.25	7.62E-07	2.30E-06	1.33E-06	2.55E-08	6.15E-07	2.49E-08	6.65E-07	4.35E-07	1.31E-06	7.60E-07	1.45E-08	3.51E-07	1.42E-08	3.80E-07
3170	471363.09, 3846877.25	1.17E-06	3.53E-06	2.04E-06	3.90E-08	9.43E-07	3.82E-08	1.02E-06	8.95E-07	2.70E-06	1.56E-06	2.99E-08	7.22E-07	2.92E-08	7.81E-07
3171	471863.09, 3846877.25	1.89E-06	5.70E-06	3.30E-06	6.31E-08	1.52E-06	6.16E-08	1.65E-06	1.61E-06	4.87E-06	2.82E-06	5.38E-08	1.30E-06	5.26E-08	1.41E-06
3172	472363.09, 3846877.25	1.77E-05	5.34E-05	3.09E-05	5.91E-07	1.43E-05	5.78E-07	1.54E-05	1.74E-05	5.26E-05	3.04E-05	5.82E-07	1.41E-05	5.68E-07	1.52E-05
3173	472863.09, 3846877.25	2.58E-06	7.80E-06	4.51E-06	8.62E-08	2.08E-06	8.42E-08	2.25E-06	2.31E-06	6.98E-06	4.04E-06	7.72E-08	1.86E-06	7.54E-08	2.02E-06
3174	473363.09, 3846877.25	1.80E-06	5.45E-06	3.15E-06	6.03E-08	1.46E-06	5.89E-08	1.58E-06	1.53E-06	4.62E-06	2.67E-06	5.11E-08	1.23E-06	4.99E-08	1.33E-06
3175	473863.09, 3846877.25	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.21E-08	1.12E-06
3176	474363.09, 3846877.25	1.36E-06	4.10E-06	2.38E-06	4.54E-08	1.10E-06	4.44E-08	1.19E-06	1.08E-06	3.27E-06	1.89E-06	3.62E-08	8.74E-07	3.54E-08	9.45E-07
3177	474863.09, 3846877.25	1.23E-06	3.70E-06	2.14E-06	4.09E-08	9.89E-07	4.00E-08	1.07E-06	9.54E-07	2.88E-06	1.67E-06	3.19E-08	7.70E-07	3.11E-08	8.33E-07
3178	475363.09, 3846877.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.09E-07	3.68E-08	9.84E-07	8.61E-07	2.60E-06	1.50E-06	2.87E-08	6.94E-07	2.81E-08	7.51E-07
3179	475863.09, 3846877.25	1.10E-06	3.31E-06	1.91E-06	3.66E-08	8.84E-07	3.57E-08	9.56E-07	8.27E-07	2.50E-06	1.44E-06	2.76E-08	6.67E-07	2.70E-08	7.21E-07
3180	476363.09, 3846877.25	1.06E-06	3.19E-06	1.85E-06	3.53E-08	8.52E-07	3.45E-08	9.21E-07	7.82E-07	2.36E-06	1.37E-06	2.61E-08	6.31E-07	2.55E-08	6.83E-07
3181	476863.09, 3846877.25	1.01E-06	3.06E-06	1.77E-06	3.39E-08	8.19E-07	3.31E-08	8.86E-07	7.37E-07	2.23E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.43E-07
3182	477363.09, 3846877.25	9.75E-07	2.94E-06	1.70E-06	3.26E-08	7.86E-07	3.18E-08	8.51E-07	6.97E-07	2.11E-06	1.22E-06	2.33E-08	5.62E-07	2.28E-08	6.08E-07
3183	477863.09, 3846877.25	9.12E-07	2.75E-06	1.59E-06	3.05E-08	7.36E-07	2.98E-08	7.96E-07	6.46E-07	1.95E-06	1.13E-06	2.16E-08	5.21E-07	2.11E-08	5.64E-07
3184	478363.09, 3846877.25	8.80E-07	2.66E-06	1.54E-06	2.94E-08	7.10E-07	2.87E-08	7.68E-07	6.16E-07	1.86E-06	1.08E-06	2.06E-08	4.97E-07	2.01E-08	5.38E-07
3185	478863.09, 3846877.25	8.67E-07	2.62E-06	1.52E-06	2.90E-08	6.99E-07	2.83E-08	7.57E-07	6.01E-07	1.81E-06	1.05E-06	2.01E-08	4.84E-07	1.96E-08	5.24E-07
3186	479363.09, 3846877.25	8.45E-07	2.55E-06	1.48E-06	2.82E-08	6.81E-07	2.76E-08	7.37E-07	5.78E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.05E-07
3187	479863.09, 3846877.25	8.03E-07	2.42E-06	1.40E-06	2.68E-08	6.47E-07	2.62E-08	7.00E-07	5.39E-07	1.63E-06	9.43E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07
3188	480363.09, 3846877.25	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.91E-07	5.21E-07	1.57E-06	9.11E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07
3189	480863.09, 3846877.25	7.94E-07	2.40E-06	1.39E-06	2.65E-08	6.41E-07	2.59E-08	6.93E-07	5.14E-07	1.55E-06	8.99E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07
3190	481363.09, 3846877.25	8.10E-07	2.45E-06	1.42E-06	2.71E-08	6.53E-07	2.64E-08	7.07E-07	5.20E-07	1.57E-06	9.09E-07	1.74E-08	4.20E-07	1.70E-08	4.54E-07
3191	481863.09, 3846877.25	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.91E-07	5.06E-07	1.53E-06	8.85E-07	1.69E-08	4.08E-07	1.65E-08	4.42E-07
3192	482363.09, 3846877.25	7.35E-07	2.22E-06	1.29E-06	2.46E-08	5.93E-07	2.40E-08	6.42E-07	4.70E-07	1.42E-06	8.21E-07	1.57E-08	3.79E-07	1.53E-08	4.10E-07
3193	482863.09, 3846877.25	7.28E-07	2.20E-06	1.27E-06	2.43E-08	5.87E-07	2.37E-08	6.35E-07	4.62E-07	1.39E-06	8.07E-07	1.54E-08	3.73E-07	1.51E-08	4.03E-07
3194	483363.09, 3846877.25	7.17E-07	2.16E-06	1.25E-06	2.39E-08	5.78E-07	2.34E-08	6.25E-07	4.54E-07	1.37E-06	7.93E-07	1.51E-08	3.66E-07	1.48E-08	3.96E-07
3195	483863.09, 3846877.25	7.11E-07	2.15E-06	1.24E-06	2.37E-08	5.74E-07	2.32E-08	6.21E-07	4.48E-07	1.35E-06	7.82E-07	1.49E-08	3.61E-07	1.46E-08	3.91E-07
3196	484363.09, 3846877.25	7.09E-07	2.14E-06	1.24E-06	2.37E-08	5.72E-07	2.31E-08	6.19E-07	4.45E-07	1.34E-06	7.78E-07	1.49E-08	3.59E-07	1.45E-08	3.88E-07
3197	484863.09, 3846877.25	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07	4.36E-07	1.32E-06	7.63E-07	1.46E-08	3.52E-07	1.42E-08	3.81E-07
3198	485363.09, 3846877.25	6.94E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.27E-08	6.06E-07	4.34E-07	1.31E-06	7.58E-07	1.45E-08	3.50E-07	1.41E-08	3.78E-07
3199	485863.09, 3846877.25	6.77E-07	2.05E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	4.22E-07	1.27E-06	7.37E-07	1.41E-08	3.40E-07	1.38E-08	3.68E-07
3200	486363.09, 3846877.25	6.87E-07	2.08E-06	1.20E-06	2.30E-08	5.54E-07	2.24E-08	6.00E-07	4.27E-07	1.29E-06	7.46E-07	1.43E-08	3.44E-07	1.39E-08	3.73E-07
3201	486863.09, 3846877.25	6.55E-07	1.98E-06	1.14E-06	2.19E-08	5.28E-07	2.14E-08	5.71E-07	4.04E-07	1.22E-06	7.06E-07	1.35E-08	3.26E-07	1.32E-08	3.53E-07
3202	487363.09, 3846877.25	6.64E-07	2.00E-06	1.16E-06	2.22E-08	5.35E-07	2.17E-08	5.79E-07	4.08E-07	1.23E-06	7.13E-07	1.36E-08	3.29E-07	1.33E-08	3.56E-07
3203	487863.09, 3846877.25	6.66E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07	4.08E-07	1.23E-06	7.13E-07	1.36E-08	3.29E-07	1.33E-08	3.56E-07
3204	488363.09, 3846877.25	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.77E-07	4.03E-07	1.22E-06	7.05E-07	1.35E-08	3.25E-07	1.32E-08	3.52E-07
3205	488863.09, 3846877.25	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.32E-07	2.15E-08	5.75E-07	4.01E-07	1.21E-06	7.01E-07	1.34E-08	3.23E-07	1.31E-08	3.50E-07
3206	489363.09, 3846877.25	6.57E-07	1.98E-06	1.15E-06	2.19E-08	5.30E-07	2.14E-08	5.73E-07	3.99E-07	1.20E-06	6.97E-07	1.33E-08	3.22E-07	1.30E-08	3.48E-07
3207	489863.09, 3846877.25	6.51E-07	1.97E-06	1.14E-06	2.17E-08	5.25E-07	2.13E-08	5.68E-07	3.93E-07	1.19E-06	6.88E-07	1.31E-08	3.17E-07	1.28E-08	3.43E-07
3208	490363.09, 3846877.25	6.27E-07	1.89E-06	1.10E-06	2.09E-08	5.06E-07	2.05E-08	5.47E-07	3.76E-07	1.14E-06	6.57E-07	1.26E-08	3.03E-07	1.23E-08	3.28E-07
3209	490863.09, 3846877.25	6.22E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07	3.72E-07	1.12E-06	6.49E-07	1.24E-08	3.00E-07	1.21E-08	3.24E-07
3210	491363.09, 3846877.25	6.31E-07	1.90E-06	1.10E-06	2.11E-08	5.09E-07	2.06E-08	5.50E-07	3.75E-07	1.13E-06	6.55E-07	1.25E-08	3.02E-07	1.22E-08	3.27E-07
3211	491863.09, 3846877.25	6.26E-07	1.89E-06	1.09E-06	2.09E-08	5.05E-07	2.04E-08	5.46E-07	3.70E-07	1.12E-06	6.47E-07	1.24E-08	2.98E-07	1.21E-08	3.23E-07
3212	492363.09, 3846877.25	6.60E-07	1.99E-06	1.15E-06	2.20E-08	5.33E-07	2.15E-08	5.76E-07	3.90E-07	1.18E-06	6.82E-07	1.30E-08	3.15E-07	1.27E-08	3.40E-07
3213	492863.09, 3846877.25	6.69E-07	2.02E-06	1.17E-06	2.23E-08	5.40E-07	2.18E-08	5.84E-07	3.94E-07	1.19E-06	6.89E-07	1.32E-08	3.18E-07	1.29E-08	3.44E-07
3214	493363.09, 3846877.25	6.83E-07	2.06E-06	1.19E-06	2.28E-08	5.51E-07	2.23E-08	5.96E-07	4.01E-07	1.21E-06	7.01E-07	1.34E-08	3.23E-07	1.31E-08	3.50E-07
3215	493863.09, 3846877.25	6.93E-07	2.09E-06	1.21E-06	2.31E-08	5.59E-07	2.26E-08	6.05E-07	4.06E-07	1.22E-06	7.09E-07	1.35E-08	3.27E-07	1.32E-08	3.54E-07
3216	494363.09, 3846877.25	7.02E-07	2.12E-06	1.23E-06	2.34E-08	5.66E-07	2.29E-08	6.12E-07	4.09E-07	1.24E-06	7.16E-07	1.37E-08	3.30E-07	1.34E-08	3.57E-07
3217	494863.09, 3846877.25	7.15E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.33E-08	6.24E-07	4.16E-07	1.26E-06	7.27E-07	1.39E-08	3.35E-07	1.36E-08	3.63E-07
3218	495363.09, 3846877.25	7.24E-07	2.19E-06	1.27E-06	2.42E-08	5.84E-07	2.36E-08	6.32E-07	4.20E-07	1.27E-06	7.34E-07	1.40E-08	3.39E-07	1.37E-08	3.66E-07
3219	495863.09, 3846877.25	7.38E-07	2.23E-06	1.29E-06	2.47E-08	5.95E-07	2.41E-08	6.44E-07	4.26E-07	1.29E-06	7.45E-07	1.42E-08	3.44E-07	1.39E-08	3.72E-07
3220	496363.09, 3846877.25	7.53E-07	2.27E-06	1.32E-06	2.51E-08	6.07E-07	2.46E-08	6.57E-07	4.33E-07	1.31E-06	7.57E-07	1.45E-08	3.50E-07	1.41E-08	3.78E-07

3221	496863.09, 3846877.25	7.73E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07	4.43E-07	1.34E-06	7.75E-07	1.48E-08	3.58E-07	1.45E-08	3.87E-07
3222	497363.09, 3846877.25	7.98E-07	2.41E-06	1.39E-06	2.66E-08	6.43E-07	2.60E-08	6.96E-07	4.56E-07	1.38E-06	7.97E-07	1.52E-08	3.68E-07	1.49E-08	3.98E-07
3223	497863.09, 3846877.25	8.22E-07	2.48E-06	1.44E-06	2.75E-08	6.63E-07	2.68E-08	7.18E-07	4.68E-07	1.41E-06	8.18E-07	1.56E-08	3.78E-07	1.53E-08	4.09E-07
3224	498363.09, 3846877.25	8.34E-07	2.52E-06	1.46E-06	2.79E-08	6.73E-07	2.72E-08	7.28E-07	4.73E-07	1.43E-06	8.27E-07	1.58E-08	3.82E-07	1.54E-08	4.13E-07
3225	471363.09, 3847377.25	9.92E-07	3.00E-06	1.73E-06	3.31E-08	8.00E-07	3.24E-08	8.66E-07	6.94E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.26E-08	6.06E-07
3226	471863.09, 3847377.25	1.15E-06	3.46E-06	2.01E-06	3.83E-08	9.25E-07	3.74E-08	1.00E-06	8.46E-07	2.56E-06	1.48E-06	2.83E-08	6.83E-07	2.76E-08	7.39E-07
3227	472363.09, 3847377.25	1.56E-06	4.70E-06	2.72E-06	5.20E-08	1.26E-06	5.08E-08	1.36E-06	1.25E-06	3.79E-06	2.19E-06	4.19E-08	1.01E-06	4.09E-08	1.09E-06
3228	472863.09, 3847377.25	4.93E-06	1.49E-05	8.62E-06	1.65E-07	3.98E-06	1.61E-07	4.31E-06	4.63E-06	1.40E-05	8.09E-06	1.54E-07	3.73E-06	1.51E-07	4.04E-06
3229	473363.09, 3847377.25	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06	4.28E-06	1.29E-05	7.48E-06	1.43E-07	3.45E-06	1.40E-07	3.73E-06
3230	473863.09, 3847377.25	2.48E-06	7.49E-06	4.33E-06	8.28E-08	2.00E-06	8.09E-08	2.16E-06	2.17E-06	6.55E-06	3.79E-06	7.24E-08	1.75E-06	7.08E-08	1.89E-06
3231	474363.09, 3847377.25	1.99E-06	6.02E-06	3.48E-06	6.66E-08	1.61E-06	6.50E-08	1.74E-06	1.68E-06	5.06E-06	2.93E-06	5.60E-08	1.35E-06	5.47E-08	1.46E-06
3232	474863.09, 3847377.25	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06	1.31E-06	3.96E-06	2.29E-06	4.38E-08	1.06E-06	4.28E-08	1.14E-06
3233	475363.09, 3847377.25	1.39E-06	4.21E-06	2.44E-06	4.66E-08	1.12E-06	4.55E-08	1.22E-06	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.82E-07	3.57E-08	9.55E-07
3234	475863.09, 3847377.25	1.32E-06	4.00E-06	2.31E-06	4.42E-08	1.07E-06	4.32E-08	1.16E-06	1.03E-06	3.10E-06	1.79E-06	3.42E-08	8.27E-07	3.35E-08	8.95E-07
3235	476363.09, 3847377.25	1.26E-06	3.81E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06	9.62E-07	2.91E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.40E-07
3236	476863.09, 3847377.25	1.18E-06	3.58E-06	2.07E-06	3.96E-08	9.56E-07	3.87E-08	1.03E-06	8.82E-07	2.66E-06	1.54E-06	2.94E-08	7.11E-07	2.88E-08	7.70E-07
3237	477363.09, 3847377.25	1.14E-06	3.43E-06	1.99E-06	3.80E-08	9.17E-07	3.71E-08	9.92E-07	8.30E-07	2.50E-06	1.45E-06	2.77E-08	6.69E-07	2.71E-08	7.24E-07
3238	477863.09, 3847377.25	1.08E-06	3.26E-06	1.89E-06	3.60E-08	8.71E-07	3.52E-08	9.42E-07	7.75E-07	2.34E-06	1.35E-06	2.59E-08	6.25E-07	2.53E-08	6.76E-07
3239	478363.09, 3847377.25	1.02E-06	3.09E-06	1.79E-06	3.42E-08	8.26E-07	3.34E-08	8.94E-07	7.27E-07	2.19E-06	1.27E-06	2.43E-08	5.86E-07	2.37E-08	6.34E-07
3240	478863.09, 3847377.25	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.76E-07	7.03E-07	2.12E-06	1.23E-06	2.35E-08	5.67E-07	2.29E-08	6.13E-07
3241	479363.09, 3847377.25	9.38E-07	2.83E-06	1.64E-06	3.13E-08	7.56E-07	3.06E-08	8.18E-07	6.47E-07	1.95E-06	1.13E-06	2.16E-08	5.22E-07	2.11E-08	5.65E-07
3242	479863.09, 3847377.25	8.60E-07	2.60E-06	1.50E-06	2.87E-08	6.93E-07	2.81E-08	7.50E-07	5.82E-07	1.76E-06	1.02E-06	1.94E-08	4.69E-07	1.90E-08	5.07E-07
3243	480363.09, 3847377.25	7.96E-07	2.40E-06	1.39E-06	2.66E-08	6.42E-07	2.60E-08	6.94E-07	5.25E-07	1.59E-06	9.18E-07	1.75E-08	4.24E-07	1.71E-08	4.58E-07
3244	480863.09, 3847377.25	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07	5.05E-07	1.53E-06	8.83E-07	1.69E-08	4.08E-07	1.65E-08	4.41E-07
3245	481363.09, 3847377.25	8.17E-07	2.47E-06	1.43E-06	2.73E-08	6.59E-07	2.67E-08	7.13E-07	5.27E-07	1.59E-06	9.21E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
3246	481863.09, 3847377.25	8.84E-07	2.67E-06	1.54E-06	2.95E-08	7.13E-07	2.88E-08	7.71E-07	5.67E-07	1.71E-06	9.91E-07	1.89E-08	4.57E-07	1.85E-08	4.95E-07
3247	482363.09, 3847377.25	8.64E-07	2.61E-06	1.51E-06	2.89E-08	6.97E-07	2.82E-08	7.54E-07	5.52E-07	1.67E-06	9.65E-07	1.84E-08	4.45E-07	1.80E-08	4.82E-07
3248	482863.09, 3847377.25	8.46E-07	2.55E-06	1.48E-06	2.82E-08	6.82E-07	2.76E-08	7.38E-07	5.36E-07	1.62E-06	9.37E-07	1.79E-08	4.33E-07	1.75E-08	4.68E-07
3249	483363.09, 3847377.25	8.10E-07	2.44E-06	1.42E-06	2.70E-08	6.53E-07	2.64E-08	7.07E-07	5.12E-07	1.55E-06	8.96E-07	1.71E-08	4.13E-07	1.67E-08	4.47E-07
3250	483863.09, 3847377.25	8.09E-07	2.44E-06	1.41E-06	2.70E-08	6.52E-07	2.64E-08	7.06E-07	5.09E-07	1.54E-06	8.89E-07	1.70E-08	4.10E-07	1.66E-08	4.44E-07
3251	484363.09, 3847377.25	8.18E-07	2.47E-06	1.43E-06	2.73E-08	6.60E-07	2.67E-08	7.14E-07	5.13E-07	1.55E-06	8.97E-07	1.71E-08	4.14E-07	1.67E-08	4.48E-07
3252	484863.09, 3847377.25	8.01E-07	2.42E-06	1.40E-06	2.67E-08	6.46E-07	2.61E-08	6.99E-07	5.00E-07	1.51E-06	8.74E-07	1.67E-08	4.04E-07	1.63E-08	4.37E-07
3253	485363.09, 3847377.25	7.90E-07	2.39E-06	1.38E-06	2.64E-08	6.37E-07	2.58E-08	6.89E-07	4.92E-07	1.49E-06	8.61E-07	1.64E-08	3.97E-07	1.61E-08	4.30E-07
3254	485863.09, 3847377.25	7.81E-07	2.36E-06	1.37E-06	2.61E-08	6.30E-07	2.55E-08	6.82E-07	4.86E-07	1.47E-06	8.50E-07	1.62E-08	3.92E-07	1.59E-08	4.24E-07
3255	486363.09, 3847377.25	7.78E-07	2.35E-06	1.36E-06	2.60E-08	6.27E-07	2.54E-08	6.79E-07	4.83E-07	1.46E-06	8.45E-07	1.61E-08	3.90E-07	1.58E-08	4.22E-07
3256	486863.09, 3847377.25	7.50E-07	2.26E-06	1.31E-06	2.50E-08	6.05E-07	2.45E-08	6.54E-07	4.63E-07	1.40E-06	8.09E-07	1.54E-08	3.73E-07	1.51E-08	4.04E-07
3257	487363.09, 3847377.25	7.57E-07	2.29E-06	1.32E-06	2.53E-08	6.11E-07	2.47E-08	6.61E-07	4.65E-07	1.40E-06	8.13E-07	1.55E-08	3.75E-07	1.52E-08	4.06E-07
3258	487863.09, 3847377.25	7.35E-07	2.22E-06	1.28E-06	2.45E-08	5.93E-07	2.40E-08	6.41E-07	4.50E-07	1.36E-06	7.86E-07	1.50E-08	3.63E-07	1.47E-08	3.92E-07
3259	488363.09, 3847377.25	7.35E-07	2.22E-06	1.28E-06	2.45E-08	5.93E-07	2.40E-08	6.41E-07	4.47E-07	1.35E-06	7.82E-07	1.49E-08	3.61E-07	1.46E-08	3.90E-07
3260	488863.09, 3847377.25	7.31E-07	2.21E-06	1.28E-06	2.44E-08	5.90E-07	2.39E-08	6.38E-07	4.44E-07	1.34E-06	7.76E-07	1.48E-08	3.58E-07	1.45E-08	3.87E-07
3261	489363.09, 3847377.25	7.32E-07	2.21E-06	1.28E-06	2.44E-08	5.91E-07	2.39E-08	6.39E-07	4.42E-07	1.34E-06	7.73E-07	1.48E-08	3.57E-07	1.44E-08	3.86E-07
3262	489863.09, 3847377.25	7.11E-07	2.15E-06	1.24E-06	2.37E-08	5.73E-07	2.32E-08	6.20E-07	4.28E-07	1.29E-06	7.48E-07	1.43E-08	3.45E-07	1.40E-08	3.74E-07
3263	490363.09, 3847377.25	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07	4.18E-07	1.26E-06	7.31E-07	1.40E-08	3.37E-07	1.37E-08	3.65E-07
3264	490863.09, 3847377.25	7.00E-07	2.11E-06	1.22E-06	2.34E-08	5.65E-07	2.28E-08	6.11E-07	4.17E-07	1.26E-06	7.30E-07	1.39E-08	3.37E-07	1.36E-08	3.64E-07
3265	491363.09, 3847377.25	7.02E-07	2.12E-06	1.23E-06	2.34E-08	5.66E-07	2.29E-08	6.12E-07	4.16E-07	1.26E-06	7.28E-07	1.39E-08	3.36E-07	1.36E-08	3.63E-07
3266	491863.09, 3847377.25	7.22E-07	2.18E-06	1.26E-06	2.41E-08	5.82E-07	2.35E-08	6.30E-07	4.27E-07	1.29E-06	7.46E-07	1.43E-08	3.44E-07	1.39E-08	3.72E-07
3267	492363.09, 3847377.25	7.22E-07	2.18E-06	1.26E-06	2.41E-08	5.83E-07	2.36E-08	6.30E-07	4.25E-07	1.28E-06	7.43E-07	1.42E-08	3.43E-07	1.39E-08	3.71E-07
3268	492863.09, 3847377.25	7.36E-07	2.22E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.43E-07	4.32E-07	1.30E-06	7.55E-07	1.44E-08	3.48E-07	1.41E-08	3.77E-07
3269	493363.09, 3847377.25	7.45E-07	2.25E-06	1.30E-06	2.49E-08	6.01E-07	2.43E-08	6.50E-07	4.35E-07	1.31E-06	7.61E-07	1.45E-08	3.51E-07	1.42E-08	3.80E-07
3270	493863.09, 3847377.25	7.46E-07	2.25E-06	1.30E-06	2.49E-08	6.02E-07	2.43E-08	6.51E-07	4.34E-07	1.31E-06	7.59E-07	1.45E-08	3.50E-07	1.42E-08	3.79E-07
3271	494363.09, 3847377.25	7.48E-07	2.26E-06	1.31E-06	2.50E-08	6.03E-07	2.44E-08	6.53E-07	4.34E-07	1.31E-06	7.58E-07	1.45E-08	3.50E-07	1.42E-08	3.79E-07
3272	494863.09, 3847377.25	7.56E-07	2.28E-06	1.32E-06	2.52E-08	6.10E-07	2.47E-08	6.59E-07	4.36E-07	1.32E-06	7.63E-07	1.46E-08	3.52E-07	1.42E-08	3.81E-07
3273	495363.09, 3847377.25	7.69E-07	2.32E-06	1.34E-06	2.57E-08	6.20E-07	2.51E-08	6.71E-07	4.42E-07	1.34E-06	7.73E-07	1.48E-08	3.57E-07	1.44E-08	3.86E-07
3274	495863.09, 3847377.25	7.83E-07	2.36E-06	1.37E-06	2.61E-08	6.31E-07	2.55E-08	6.83E-07	4.49E-07	1.35E-06	7.84E-07	1.50E-08	3.62E-07	1.46E-08	3.91E-07
3275	496363.09, 3847377.25	7.97E-07	2.41E-06	1.39E-06	2.66E-08	6.43E-07	2.60E-08	6.95E-07	4.55E-07	1.37E-06	7.95E-07	1.52E-08	3.67E-07	1.48E-08	3.97E-07
3276	496863.09, 3847377.25	8.22E-07	2.48E-06	1.44E-06	2.75E-08	6.63E-07	2.68E-08	7.17E-07	4.68E-07	1.41E-06	8.18E-07	1.56E-08	3.78E-07	1.53E-08	4.08E-07
3277	497363.09, 3847377.25	8.52E-07	2.57E-06	1.49E-06	2.85E-08	6.87E-07	2.78E-08	7.44E-07	4.83E-07	1.46E-06	8.45E-07	1.61E-08	3.90E-07	1.58E-08	4.22E-07
3278	497863.09, 3847377.25	8.93E-07	2.70E-06	1.56E-06	2.98E-08	7.20E-07	2.91E-08	7.79E-07	5.05E-07	1.52E-06	8.82E-07	1.69E-08	4.07E-07	1.65E-08	4.40E-07
3279	498363.09, 3847377.25	9.11E-07	2.75E-06	1.59E-06	3.04E-08	7.35E-07	2.97E-08	7.95E-07	5.13E-07	1.55E-06	8.97E-07	1.71E-08	4.14E-07	1.67E-08	4.48E-07
3280	471363.09, 3847877.25	9.49E-07	2.86E-06	1.66E-06	3.17E-08	7.65E-07	3.10E-08	8.28E-07	6.28E-07	1.90E-06	1.10E-06	2.10E-08	5.07E-07	2.05E-08	5.48E-07
3281	471863.09, 3847877.25	1.03E-06	3.10E-06	1.79E-06	3.43E-08	8.28E-07	3.35E-08	8.96E-07	7.01E-07	2.12E-06	1.23E-06	2.34E-08	5.66E-07	2.29E-08	6.12E-07
3282	472363.09, 3847877.25	1.16E-06	3.51E-06	2.03E-06	3.88E-08	9.38E-07	3.79E-08	1.01E-06	8.30E-07	2.51E-06	1.45E-06	2.77E-08	6.70E-07	2.71E-08	7.24E-07

3283	472863.09, 3847877.25	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06	1.09E-06	3.29E-06	1.90E-06	3.63E-08	8.78E-07	3.55E-08	9.50E-07
3284	473363.09, 3847877.25	2.20E-06	6.65E-06	3.85E-06	7.36E-08	1.78E-06	7.19E-08	1.92E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
3285	473863.09, 3847877.25	2.75E-05	8.30E-05	4.80E-05	9.18E-07	2.22E-05	8.97E-07	2.40E-05	2.71E-05	8.18E-05	4.74E-05	9.05E-07	2.19E-05	8.84E-07	2.37E-05
3286	474363.09, 3847877.25	3.61E-06	1.09E-05	6.31E-06	1.21E-07	2.91E-06	1.18E-07	3.15E-06	3.23E-06	9.77E-06	5.65E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06
3287	474863.09, 3847877.25	2.48E-06	7.49E-06	4.34E-06	8.29E-08	2.00E-06	8.10E-08	2.17E-06	2.10E-06	6.35E-06	3.68E-06	7.03E-08	1.70E-06	6.87E-08	1.84E-06
3288	475363.09, 3847877.25	1.86E-06	5.63E-06	3.26E-06	6.23E-08	1.50E-06	6.09E-08	1.63E-06	1.51E-06	4.56E-06	2.64E-06	5.04E-08	1.22E-06	4.92E-08	1.32E-06
3289	475863.09, 3847877.25	1.56E-06	4.70E-06	2.72E-06	5.20E-08	1.26E-06	5.08E-08	1.36E-06	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.83E-07	3.98E-08	1.06E-06
3290	476363.09, 3847877.25	1.52E-06	4.59E-06	2.65E-06	5.07E-08	1.23E-06	4.96E-08	1.33E-06	1.18E-06	3.56E-06	2.06E-06	3.94E-08	9.51E-07	3.85E-08	1.03E-06
3291	476863.09, 3847877.25	1.41E-06	4.26E-06	2.47E-06	4.71E-08	1.14E-06	4.61E-08	1.23E-06	1.07E-06	3.24E-06	1.87E-06	3.58E-08	8.65E-07	3.50E-08	9.35E-07
3292	477363.09, 3847877.25	1.34E-06	4.03E-06	2.33E-06	4.46E-08	1.08E-06	4.36E-08	1.17E-06	9.91E-07	2.99E-06	1.73E-06	3.31E-08	7.99E-07	3.23E-08	8.65E-07
3293	477863.09, 3847877.25	1.29E-06	3.88E-06	2.25E-06	4.29E-08	1.04E-06	4.19E-08	1.12E-06	9.34E-07	2.82E-06	1.63E-06	3.12E-08	7.53E-07	3.05E-08	8.15E-07
3294	478363.09, 3847877.25	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.82E-07	3.97E-08	1.06E-06	8.72E-07	2.63E-06	1.52E-06	2.91E-08	7.03E-07	2.84E-08	7.61E-07
3295	478863.09, 3847877.25	1.18E-06	3.55E-06	2.05E-06	3.92E-08	9.48E-07	3.83E-08	1.03E-06	8.29E-07	2.50E-06	1.45E-06	2.77E-08	6.69E-07	2.70E-08	7.23E-07
3296	479363.09, 3847877.25	1.05E-06	3.18E-06	1.84E-06	3.51E-08	8.49E-07	3.43E-08	9.18E-07	7.27E-07	2.20E-06	1.27E-06	2.43E-08	5.87E-07	2.37E-08	6.35E-07
3297	479863.09, 3847877.25	9.01E-07	2.72E-06	1.58E-06	3.01E-08	7.27E-07	2.94E-08	7.86E-07	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.89E-07	1.98E-08	5.29E-07
3298	480363.09, 3847877.25	9.24E-07	2.79E-06	1.61E-06	3.08E-08	7.45E-07	3.01E-08	8.06E-07	6.14E-07	1.85E-06	1.07E-06	2.05E-08	4.95E-07	2.00E-08	5.36E-07
3299	480863.09, 3847877.25	9.03E-07	2.73E-06	1.58E-06	3.02E-08	7.28E-07	2.95E-08	7.88E-07	5.91E-07	1.78E-06	1.03E-06	1.97E-08	4.77E-07	1.93E-08	5.16E-07
3300	481363.09, 3847877.25	9.23E-07	2.79E-06	1.61E-06	3.08E-08	7.44E-07	3.01E-08	8.05E-07	5.97E-07	1.80E-06	1.04E-06	1.99E-08	4.81E-07	1.95E-08	5.21E-07
3301	481863.09, 3847877.25	1.03E-06	3.12E-06	1.81E-06	3.45E-08	8.34E-07	3.37E-08	9.02E-07	6.63E-07	2.00E-06	1.16E-06	2.22E-08	5.35E-07	2.16E-08	5.79E-07
3302	482363.09, 3847877.25	9.98E-07	3.01E-06	1.74E-06	3.33E-08	8.05E-07	3.26E-08	8.71E-07	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.56E-07
3303	482863.09, 3847877.25	9.55E-07	2.88E-06	1.67E-06	3.19E-08	7.70E-07	3.12E-08	8.34E-07	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.89E-07	1.98E-08	5.29E-07
3304	483363.09, 3847877.25	9.41E-07	2.84E-06	1.65E-06	3.14E-08	7.59E-07	3.07E-08	8.21E-07	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.93E-08	5.17E-07
3305	483863.09, 3847877.25	9.43E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.23E-07	5.90E-07	1.78E-06	1.03E-06	1.97E-08	4.76E-07	1.93E-08	5.15E-07
3306	484363.09, 3847877.25	9.46E-07	2.86E-06	1.65E-06	3.16E-08	7.63E-07	3.09E-08	8.26E-07	5.90E-07	1.78E-06	1.03E-06	1.97E-08	4.76E-07	1.93E-08	5.15E-07
3307	484863.09, 3847877.25	9.29E-07	2.80E-06	1.62E-06	3.10E-08	7.49E-07	3.03E-08	8.11E-07	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.66E-07	1.88E-08	5.04E-07
3308	485363.09, 3847877.25	9.20E-07	2.78E-06	1.61E-06	3.07E-08	7.42E-07	3.00E-08	8.03E-07	5.71E-07	1.72E-06	9.98E-07	1.91E-08	4.61E-07	1.86E-08	4.98E-07
3309	485863.09, 3847877.25	9.10E-07	2.75E-06	1.59E-06	3.04E-08	7.34E-07	2.97E-08	7.94E-07	5.64E-07	1.70E-06	9.85E-07	1.88E-08	4.55E-07	1.84E-08	4.92E-07
3310	486363.09, 3847877.25	8.74E-07	2.64E-06	1.53E-06	2.92E-08	7.05E-07	2.85E-08	7.62E-07	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07
3311	486863.09, 3847877.25	8.50E-07	2.57E-06	1.49E-06	2.84E-08	6.85E-07	2.77E-08	7.42E-07	5.24E-07	1.58E-06	9.15E-07	1.75E-08	4.22E-07	1.71E-08	4.57E-07
3312	487363.09, 3847877.25	8.42E-07	2.54E-06	1.47E-06	2.81E-08	6.80E-07	2.75E-08	7.35E-07	5.16E-07	1.56E-06	9.02E-07	1.72E-08	4.16E-07	1.68E-08	4.50E-07
3313	487863.09, 3847877.25	8.24E-07	2.49E-06	1.44E-06	2.75E-08	6.64E-07	2.69E-08	7.19E-07	5.02E-07	1.52E-06	8.78E-07	1.68E-08	4.05E-07	1.64E-08	4.38E-07
3314	488363.09, 3847877.25	8.18E-07	2.47E-06	1.43E-06	2.73E-08	6.60E-07	2.67E-08	7.14E-07	4.96E-07	1.50E-06	8.67E-07	1.66E-08	4.00E-07	1.62E-08	4.33E-07
3315	488863.09, 3847877.25	8.18E-07	2.47E-06	1.43E-06	2.73E-08	6.60E-07	2.67E-08	7.14E-07	4.94E-07	1.49E-06	8.64E-07	1.65E-08	3.99E-07	1.61E-08	4.31E-07
3316	489363.09, 3847877.25	8.14E-07	2.46E-06	1.42E-06	2.72E-08	6.56E-07	2.66E-08	7.10E-07	4.90E-07	1.48E-06	8.56E-07	1.64E-08	3.95E-07	1.60E-08	4.28E-07
3317	489863.09, 3847877.25	8.32E-07	2.51E-06	1.45E-06	2.78E-08	6.71E-07	2.71E-08	7.26E-07	4.98E-07	1.50E-06	8.70E-07	1.66E-08	4.02E-07	1.62E-08	4.35E-07
3318	490363.09, 3847877.25	8.22E-07	2.48E-06	1.44E-06	2.74E-08	6.63E-07	2.68E-08	7.17E-07	4.90E-07	1.48E-06	8.57E-07	1.64E-08	3.95E-07	1.60E-08	4.28E-07
3319	490863.09, 3847877.25	8.16E-07	2.46E-06	1.43E-06	2.72E-08	6.58E-07	2.66E-08	7.12E-07	4.84E-07	1.46E-06	8.47E-07	1.62E-08	3.91E-07	1.58E-08	4.23E-07
3320	491363.09, 3847877.25	7.93E-07	2.39E-06	1.39E-06	2.65E-08	6.39E-07	2.59E-08	6.92E-07	4.68E-07	1.41E-06	8.19E-07	1.56E-08	3.78E-07	1.53E-08	4.09E-07
3321	491863.09, 3847877.25	7.94E-07	2.40E-06	1.39E-06	2.65E-08	6.40E-07	2.59E-08	6.93E-07	4.67E-07	1.41E-06	8.17E-07	1.56E-08	3.77E-07	1.52E-08	4.08E-07
3322	492363.09, 3847877.25	8.01E-07	2.42E-06	1.40E-06	2.67E-08	6.46E-07	2.61E-08	6.99E-07	4.69E-07	1.42E-06	8.20E-07	1.57E-08	3.78E-07	1.53E-08	4.09E-07
3323	492863.09, 3847877.25	8.03E-07	2.42E-06	1.40E-06	2.68E-08	6.47E-07	2.62E-08	7.00E-07	4.69E-07	1.42E-06	8.19E-07	1.57E-08	3.78E-07	1.53E-08	4.09E-07
3324	493363.09, 3847877.25	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.90E-07	4.60E-07	1.39E-06	8.03E-07	1.53E-08	3.71E-07	1.50E-08	4.01E-07
3325	493863.09, 3847877.25	7.86E-07	2.37E-06	1.37E-06	2.63E-08	6.34E-07	2.57E-08	6.86E-07	4.55E-07	1.37E-06	7.95E-07	1.52E-08	3.67E-07	1.48E-08	3.97E-07
3326	494363.09, 3847877.25	7.92E-07	2.39E-06	1.39E-06	2.65E-08	6.39E-07	2.59E-08	6.92E-07	4.56E-07	1.38E-06	7.97E-07	1.52E-08	3.68E-07	1.49E-08	3.98E-07
3327	494863.09, 3847877.25	8.06E-07	2.43E-06	1.41E-06	2.69E-08	6.50E-07	2.63E-08	7.03E-07	4.62E-07	1.39E-06	8.07E-07	1.54E-08	3.73E-07	1.51E-08	4.03E-07
3328	495363.09, 3847877.25	8.12E-07	2.45E-06	1.42E-06	2.71E-08	6.55E-07	2.65E-08	7.09E-07	4.63E-07	1.40E-06	8.10E-07	1.55E-08	3.74E-07	1.51E-08	4.04E-07
3329	495863.09, 3847877.25	7.95E-07	2.40E-06	1.39E-06	2.65E-08	6.41E-07	2.59E-08	6.93E-07	4.50E-07	1.36E-06	7.87E-07	1.50E-08	3.63E-07	1.47E-08	3.93E-07
3330	496363.09, 3847877.25	8.49E-07	2.56E-06	1.48E-06	2.84E-08	6.85E-07	2.77E-08	7.41E-07	4.81E-07	1.45E-06	8.40E-07	1.60E-08	3.88E-07	1.57E-08	4.19E-07
3331	496863.09, 3847877.25	8.75E-07	2.64E-06	1.53E-06	2.92E-08	7.06E-07	2.85E-08	7.63E-07	4.94E-07	1.49E-06	8.63E-07	1.65E-08	3.98E-07	1.61E-08	4.31E-07
3332	497363.09, 3847877.25	9.05E-07	2.73E-06	1.58E-06	3.02E-08	7.30E-07	2.95E-08	7.90E-07	5.10E-07	1.54E-06	8.91E-07	1.70E-08	4.11E-07	1.66E-08	4.45E-07
3333	497863.09, 3847877.25	9.69E-07	2.92E-06	1.69E-06	3.23E-08	7.81E-07	3.16E-08	8.45E-07	5.44E-07	1.64E-06	9.50E-07	1.82E-08	4.38E-07	1.77E-08	4.74E-07
3334	498363.09, 3847877.25	9.98E-07	3.01E-06	1.74E-06	3.33E-08	8.05E-07	3.26E-08	8.71E-07	5.58E-07	1.69E-06	9.76E-07	1.86E-08	4.50E-07	1.82E-08	4.87E-07
3335	471363.09, 3848377.25	9.38E-07	2.83E-06	1.64E-06	3.13E-08	7.57E-07	3.06E-08	8.19E-07	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.22E-07
3336	471863.09, 3848377.25	1.00E-06	3.02E-06	1.75E-06	3.34E-08	8.07E-07	3.27E-08	8.73E-07	6.51E-07	1.97E-06	1.14E-06	2.18E-08	5.25E-07	2.13E-08	5.68E-07
3337	472363.09, 3848377.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.76E-07	3.54E-08	9.48E-07	7.24E-07	2.19E-06	1.27E-06	2.42E-08	5.84E-07	2.36E-08	6.32E-07
3338	472863.09, 3848377.25	1.21E-06	3.65E-06	2.11E-06	4.04E-08	9.75E-07	3.94E-08	1.05E-06	8.32E-07	2.51E-06	1.45E-06	2.78E-08	6.71E-07	2.72E-08	7.26E-07
3339	473363.09, 3848377.25	1.42E-06	4.29E-06	2.48E-06	4.75E-08	1.15E-06	4.64E-08	1.24E-06	1.02E-06	3.08E-06	1.78E-06	3.41E-08	8.24E-07	3.33E-08	8.91E-07
3340	473863.09, 3848377.25	1.95E-06	5.87E-06	3.40E-06	6.50E-08	1.57E-06	6.35E-08	1.70E-06	1.48E-06	4.47E-06	2.59E-06	4.95E-08	1.20E-06	4.83E-08	1.29E-06
3341	474363.09, 3848377.25	6.65E-06	2.01E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.80E-06	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06
3342	474863.09, 3848377.25	4.82E-06	1.46E-05	8.43E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	4.26E-06	1.29E-05	7.44E-06	1.42E-07	3.43E-06	1.39E-07	3.72E-06
3343	475363.09, 3848377.25	3.02E-06	9.11E-06	5.27E-06	1.01E-07	2.43E-06	9.85E-08	2.63E-06	2.54E-06	7.67E-06	4.44E-06	8.48E-08	2.05E-06	8.29E-08	2.22E-06
3344	475863.09, 3848377.25	2.19E-06	6.60E-06	3.82E-06	7.30E-08	1.76E-06	7.13E-08	1.91E-06	1.75E-06	5.30E-06	3.07E-06	5.86E-08	1.42E-06	5.73E-08	1.53E-06

3345	476363.09, 3848377.25	1.80E-06	5.43E-06	3.14E-06	6.01E-08	1.45E-06	5.87E-08	1.57E-06	1.39E-06	4.21E-06	2.44E-06	4.65E-08	1.12E-06	4.55E-08	1.22E-06
3346	476863.09, 3848377.25	1.80E-06	5.42E-06	3.14E-06	5.99E-08	1.45E-06	5.86E-08	1.57E-06	1.38E-06	4.16E-06	2.41E-06	4.60E-08	1.11E-06	4.49E-08	1.20E-06
3347	477363.09, 3848377.25	1.67E-06	5.03E-06	2.91E-06	5.57E-08	1.34E-06	5.44E-08	1.45E-06	1.25E-06	3.79E-06	2.19E-06	4.19E-08	1.01E-06	4.09E-08	1.09E-06
3348	477863.09, 3848377.25	1.58E-06	4.76E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06	1.17E-06	3.52E-06	2.04E-06	3.90E-08	9.41E-07	3.81E-08	1.02E-06
3349	478363.09, 3848377.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.22E-06	4.92E-08	1.32E-06	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.81E-07	3.57E-08	9.54E-07
3350	478863.09, 3848377.25	1.42E-06	4.28E-06	2.48E-06	4.73E-08	1.14E-06	4.62E-08	1.24E-06	1.01E-06	3.04E-06	1.76E-06	3.36E-08	8.12E-07	3.29E-08	8.78E-07
3351	479363.09, 3848377.25	1.27E-06	3.83E-06	2.22E-06	4.24E-08	1.02E-06	4.14E-08	1.11E-06	8.82E-07	2.66E-06	1.54E-06	2.94E-08	7.11E-07	2.88E-08	7.69E-07
3352	479863.09, 3848377.25	9.44E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.24E-07	6.25E-07	1.89E-06	1.09E-06	2.09E-08	5.04E-07	2.04E-08	5.45E-07
3353	480363.09, 3848377.25	1.04E-06	3.13E-06	1.81E-06	3.46E-08	8.35E-07	3.38E-08	9.04E-07	6.89E-07	2.08E-06	1.20E-06	2.30E-08	5.56E-07	2.25E-08	6.01E-07
3354	480863.09, 3848377.25	1.15E-06	3.48E-06	2.02E-06	3.85E-08	9.31E-07	3.76E-08	1.01E-06	7.64E-07	2.31E-06	1.34E-06	2.55E-08	6.16E-07	2.49E-08	6.67E-07
3355	481363.09, 3848377.25	1.19E-06	3.60E-06	2.08E-06	3.98E-08	9.62E-07	3.89E-08	1.04E-06	7.74E-07	2.34E-06	1.35E-06	2.58E-08	6.24E-07	2.52E-08	6.75E-07
3356	481863.09, 3848377.25	1.22E-06	3.67E-06	2.13E-06	4.06E-08	9.82E-07	3.97E-08	1.06E-06	7.79E-07	2.35E-06	1.36E-06	2.60E-08	6.28E-07	2.54E-08	6.80E-07
3357	482363.09, 3848377.25	1.19E-06	3.60E-06	2.08E-06	3.98E-08	9.62E-07	3.89E-08	1.04E-06	7.59E-07	2.29E-06	1.33E-06	2.53E-08	6.12E-07	2.48E-08	6.62E-07
3358	482863.09, 3848377.25	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.05E-07	3.66E-08	9.79E-07	7.10E-07	2.14E-06	1.24E-06	2.37E-08	5.73E-07	2.32E-08	6.20E-07
3359	483363.09, 3848377.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.89E-07	3.60E-08	9.61E-07	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07
3360	483863.09, 3848377.25	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.62E-07	3.49E-08	9.32E-07	6.66E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07
3361	484363.09, 3848377.25	1.07E-06	3.22E-06	1.86E-06	3.56E-08	8.60E-07	3.48E-08	9.30E-07	6.61E-07	2.00E-06	1.16E-06	2.21E-08	5.33E-07	2.16E-08	5.77E-07
3362	484863.09, 3848377.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.72E-07	3.53E-08	9.43E-07	6.69E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07
3363	485363.09, 3848377.25	1.06E-06	3.19E-06	1.85E-06	3.53E-08	8.53E-07	3.45E-08	9.23E-07	6.52E-07	1.97E-06	1.14E-06	2.18E-08	5.26E-07	2.13E-08	5.69E-07
3364	485863.09, 3848377.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.31E-07	3.36E-08	8.99E-07	6.35E-07	1.92E-06	1.11E-06	2.12E-08	5.12E-07	2.07E-08	5.54E-07
3365	486363.09, 3848377.25	9.94E-07	3.00E-06	1.74E-06	3.32E-08	8.02E-07	3.24E-08	8.67E-07	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.93E-07	2.00E-08	5.34E-07
3366	486863.09, 3848377.25	9.62E-07	2.91E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.40E-07	5.90E-07	1.78E-06	1.03E-06	1.97E-08	4.76E-07	1.92E-08	5.15E-07
3367	487363.09, 3848377.25	9.20E-07	2.78E-06	1.61E-06	3.07E-08	7.42E-07	3.00E-08	8.03E-07	5.62E-07	1.70E-06	9.82E-07	1.88E-08	4.53E-07	1.83E-08	4.90E-07
3368	487863.09, 3848377.25	9.14E-07	2.76E-06	1.60E-06	3.05E-08	7.37E-07	2.98E-08	7.97E-07	5.55E-07	1.68E-06	9.71E-07	1.85E-08	4.48E-07	1.81E-08	4.85E-07
3369	488363.09, 3848377.25	9.12E-07	2.75E-06	1.59E-06	3.04E-08	7.35E-07	2.98E-08	7.96E-07	5.51E-07	1.66E-06	9.63E-07	1.84E-08	4.44E-07	1.80E-08	4.81E-07
3370	488863.09, 3848377.25	9.10E-07	2.75E-06	1.59E-06	3.04E-08	7.34E-07	2.97E-08	7.94E-07	5.47E-07	1.65E-06	9.56E-07	1.83E-08	4.41E-07	1.78E-08	4.77E-07
3371	489363.09, 3848377.25	9.15E-07	2.76E-06	1.60E-06	3.06E-08	7.38E-07	2.99E-08	7.99E-07	5.47E-07	1.65E-06	9.57E-07	1.83E-08	4.42E-07	1.79E-08	4.78E-07
3372	489863.09, 3848377.25	9.28E-07	2.80E-06	1.62E-06	3.10E-08	7.49E-07	3.03E-08	8.10E-07	5.53E-07	1.67E-06	9.67E-07	1.85E-08	4.46E-07	1.80E-08	4.83E-07
3373	490363.09, 3848377.25	9.27E-07	2.80E-06	1.62E-06	3.10E-08	7.48E-07	3.03E-08	8.09E-07	5.49E-07	1.66E-06	9.60E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
3374	490863.09, 3848377.25	9.05E-07	2.73E-06	1.58E-06	3.02E-08	7.30E-07	2.95E-08	7.89E-07	5.34E-07	1.61E-06	9.33E-07	1.78E-08	4.31E-07	1.74E-08	4.66E-07
3375	491363.09, 3848377.25	8.92E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07	5.24E-07	1.58E-06	9.15E-07	1.75E-08	4.22E-07	1.71E-08	4.57E-07
3376	491863.09, 3848377.25	8.86E-07	2.68E-06	1.55E-06	2.96E-08	7.15E-07	2.89E-08	7.73E-07	5.18E-07	1.56E-06	9.06E-07	1.73E-08	4.18E-07	1.69E-08	4.52E-07
3377	492363.09, 3848377.25	8.63E-07	2.61E-06	1.51E-06	2.88E-08	6.96E-07	2.82E-08	7.53E-07	5.02E-07	1.52E-06	8.78E-07	1.68E-08	4.05E-07	1.64E-08	4.38E-07
3378	492863.09, 3848377.25	8.40E-07	2.54E-06	1.47E-06	2.81E-08	6.78E-07	2.74E-08	7.33E-07	4.87E-07	1.47E-06	8.51E-07	1.62E-08	3.92E-07	1.59E-08	4.25E-07
3379	493363.09, 3848377.25	8.40E-07	2.54E-06	1.47E-06	2.81E-08	6.78E-07	2.74E-08	7.33E-07	4.84E-07	1.46E-06	8.46E-07	1.62E-08	3.91E-07	1.58E-08	4.22E-07
3380	493863.09, 3848377.25	8.40E-07	2.53E-06	1.47E-06	2.80E-08	6.77E-07	2.74E-08	7.33E-07	4.81E-07	1.45E-06	8.41E-07	1.61E-08	3.88E-07	1.57E-08	4.20E-07
3381	494363.09, 3848377.25	8.41E-07	2.54E-06	1.47E-06	2.81E-08	6.78E-07	2.74E-08	7.33E-07	4.79E-07	1.45E-06	8.38E-07	1.60E-08	3.87E-07	1.56E-08	4.18E-07
3382	494863.09, 3848377.25	8.59E-07	2.59E-06	1.50E-06	2.87E-08	6.92E-07	2.80E-08	7.49E-07	4.88E-07	1.47E-06	8.52E-07	1.63E-08	3.93E-07	1.59E-08	4.25E-07
3383	495363.09, 3848377.25	8.53E-07	2.57E-06	1.49E-06	2.85E-08	6.88E-07	2.78E-08	7.44E-07	4.82E-07	1.45E-06	8.42E-07	1.61E-08	3.88E-07	1.57E-08	4.20E-07
3384	495863.09, 3848377.25	8.60E-07	2.60E-06	1.50E-06	2.87E-08	6.93E-07	2.80E-08	7.50E-07	4.84E-07	1.46E-06	8.45E-07	1.61E-08	3.90E-07	1.58E-08	4.22E-07
3385	496363.09, 3848377.25	8.91E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07	5.00E-07	1.51E-06	8.74E-07	1.67E-08	4.04E-07	1.63E-08	4.37E-07
3386	496863.09, 3848377.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.87E-07	5.04E-07	1.52E-06	8.81E-07	1.68E-08	4.06E-07	1.64E-08	4.40E-07
3387	497363.09, 3848377.25	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.66E-07	3.10E-08	8.29E-07	5.29E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
3388	497863.09, 3848377.25	1.06E-06	3.21E-06	1.86E-06	3.56E-08	8.59E-07	3.47E-08	9.29E-07	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.94E-08	5.18E-07
3389	498363.09, 3848377.25	1.08E-06	3.27E-06	1.89E-06	3.62E-08	8.74E-07	3.53E-08	9.45E-07	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.85E-07	1.96E-08	5.25E-07
3390	471363.09, 3848877.25	9.23E-07	2.79E-06	1.61E-06	3.08E-08	7.44E-07	3.01E-08	8.05E-07	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07
3391	471863.09, 3848877.25	9.74E-07	2.94E-06	1.70E-06	3.25E-08	7.86E-07	3.18E-08	8.50E-07	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.94E-07	2.00E-08	5.34E-07
3392	472363.09, 3848877.25	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.38E-07	3.39E-08	9.07E-07	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.78E-07
3393	472863.09, 3848877.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.08E-07	3.67E-08	9.83E-07	7.33E-07	2.21E-06	1.28E-06	2.45E-08	5.91E-07	2.39E-08	6.39E-07
3394	473363.09, 3848877.25	1.25E-06	3.77E-06	2.18E-06	4.17E-08	1.01E-06	4.07E-08	1.09E-06	8.33E-07	2.52E-06	1.46E-06	2.78E-08	6.72E-07	2.72E-08	7.27E-07
3395	473863.09, 3848877.25	1.48E-06	4.46E-06	2.58E-06	4.93E-08	1.19E-06	4.82E-08	1.29E-06	1.02E-06	3.07E-06	1.78E-06	3.40E-08	8.20E-07	3.32E-08	8.88E-07
3396	474363.09, 3848877.25	2.00E-06	6.04E-06	3.50E-06	6.68E-08	1.61E-06	6.53E-08	1.75E-06	1.44E-06	4.34E-06	2.51E-06	4.80E-08	1.16E-06	4.69E-08	1.25E-06
3397	474863.09, 3848877.25	5.38E-06	1.62E-05	9.40E-06	1.80E-07	4.34E-06	1.75E-07	4.69E-06	4.11E-06	1.24E-05	7.19E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06
3398	475363.09, 3848877.25	8.84E-06	2.67E-05	1.54E-05	2.95E-07	7.13E-06	2.88E-07	7.71E-06	7.52E-06	2.27E-05	1.32E-05	2.51E-07	6.07E-06	2.46E-07	6.57E-06
3399	475863.09, 3848877.25	4.70E-06	1.42E-05	8.22E-06	1.57E-07	3.79E-06	1.54E-07	4.11E-06	3.86E-06	1.17E-05	6.75E-06	1.29E-07	3.12E-06	1.26E-07	3.37E-06
3400	476363.09, 3848877.25	3.49E-06	1.05E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06
3401	476863.09, 3848877.25	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06	2.21E-06	6.69E-06	3.87E-06	7.40E-08	1.79E-06	7.23E-08	1.93E-06
3402	477363.09, 3848877.25	2.61E-06	7.88E-06	4.56E-06	8.72E-08	2.11E-06	8.52E-08	2.28E-06	2.03E-06	6.12E-06	3.54E-06	6.77E-08	1.64E-06	6.62E-08	1.77E-06
3403	477863.09, 3848877.25	2.27E-06	6.86E-06	3.97E-06	7.59E-08	1.83E-06	7.42E-08	1.98E-06	1.72E-06	5.21E-06	3.01E-06	5.76E-08	1.39E-06	5.63E-08	1.50E-06
3404	478363.09, 3848877.25	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06	1.53E-06	4.61E-06	2.67E-06	5.10E-08	1.23E-06	4.98E-08	1.33E-06
3405	478863.09, 3848877.25	1.89E-06	5.71E-06	3.31E-06	6.32E-08	1.53E-06	6.17E-08	1.65E-06	1.36E-06	4.10E-06	2.37E-06	4.54E-08	1.10E-06	4.43E-08	1.19E-06
3406	479363.09, 3848877.25	1.70E-06	5.14E-06	2.97E-06	5.68E-08	1.37E-06	5.55E-08	1.48E-06	1.19E-06	3.59E-06	2.08E-06	3.97E-08	9.58E-07	3.88E-08	1.04E-06

3407	479863.09, 3848877.25	1.53E-06	4.62E-06	2.68E-06	5.11E-08	1.23E-06	5.00E-08	1.34E-06	1.04E-06	3.15E-06	1.82E-06	3.49E-08	8.42E-07	3.41E-08	9.11E-07
3408	480363.09, 3848877.25	1.51E-06	4.55E-06	2.64E-06	5.04E-08	1.22E-06	4.92E-08	1.32E-06	1.01E-06	3.06E-06	1.77E-06	3.38E-08	8.17E-07	3.31E-08	8.84E-07
3409	480863.09, 3848877.25	1.52E-06	4.59E-06	2.66E-06	5.07E-08	1.23E-06	4.96E-08	1.33E-06	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.75E-07
3410	481363.09, 3848877.25	1.52E-06	4.58E-06	2.65E-06	5.07E-08	1.22E-06	4.95E-08	1.32E-06	9.79E-07	2.96E-06	1.71E-06	3.27E-08	7.90E-07	3.20E-08	8.55E-07
3411	481863.09, 3848877.25	1.46E-06	4.41E-06	2.56E-06	4.88E-08	1.18E-06	4.77E-08	1.28E-06	9.27E-07	2.80E-06	1.62E-06	3.10E-08	7.48E-07	3.02E-08	8.09E-07
3412	482363.09, 3848877.25	1.32E-06	4.00E-06	2.32E-06	4.42E-08	1.07E-06	4.32E-08	1.16E-06	8.36E-07	2.52E-06	1.46E-06	2.79E-08	6.74E-07	2.73E-08	7.29E-07
3413	482863.09, 3848877.25	1.22E-06	3.69E-06	2.14E-06	4.08E-08	9.86E-07	3.99E-08	1.07E-06	7.67E-07	2.31E-06	1.34E-06	2.56E-08	6.18E-07	2.50E-08	6.69E-07
3414	483363.09, 3848877.25	1.16E-06	3.51E-06	2.03E-06	3.88E-08	9.37E-07	3.79E-08	1.01E-06	7.23E-07	2.18E-06	1.26E-06	2.41E-08	5.83E-07	2.36E-08	6.31E-07
3415	483863.09, 3848877.25	1.12E-06	3.40E-06	1.97E-06	3.76E-08	9.07E-07	3.67E-08	9.81E-07	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07
3416	484363.09, 3848877.25	1.20E-06	3.61E-06	2.09E-06	4.00E-08	9.65E-07	3.90E-08	1.04E-06	7.39E-07	2.23E-06	1.29E-06	2.47E-08	5.96E-07	2.41E-08	6.44E-07
3417	484863.09, 3848877.25	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.01E-06	4.07E-08	1.09E-06	7.66E-07	2.31E-06	1.34E-06	2.56E-08	6.18E-07	2.50E-08	6.69E-07
3418	485363.09, 3848877.25	1.21E-06	3.66E-06	2.12E-06	4.05E-08	9.77E-07	3.95E-08	1.06E-06	7.43E-07	2.24E-06	1.30E-06	2.48E-08	5.99E-07	2.42E-08	6.48E-07
3419	485863.09, 3848877.25	1.18E-06	3.55E-06	2.05E-06	3.93E-08	9.48E-07	3.84E-08	1.03E-06	7.19E-07	2.17E-06	1.26E-06	2.40E-08	5.80E-07	2.35E-08	6.28E-07
3420	486363.09, 3848877.25	1.12E-06	3.37E-06	1.95E-06	3.72E-08	8.99E-07	3.64E-08	9.73E-07	6.81E-07	2.06E-06	1.19E-06	2.28E-08	5.50E-07	2.22E-08	5.95E-07
3421	486863.09, 3848877.25	1.05E-06	3.19E-06	1.84E-06	3.52E-08	8.51E-07	3.44E-08	9.21E-07	6.43E-07	1.94E-06	1.12E-06	2.15E-08	5.19E-07	2.10E-08	5.61E-07
3422	487363.09, 3848877.25	1.05E-06	3.17E-06	1.83E-06	3.50E-08	8.46E-07	3.42E-08	9.15E-07	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.13E-07	2.08E-08	5.56E-07
3423	487863.09, 3848877.25	1.02E-06	3.09E-06	1.79E-06	3.42E-08	8.26E-07	3.34E-08	8.94E-07	6.20E-07	1.87E-06	1.08E-06	2.07E-08	5.00E-07	2.02E-08	5.41E-07
3424	488363.09, 3848877.25	1.02E-06	3.08E-06	1.78E-06	3.41E-08	8.24E-07	3.33E-08	8.91E-07	6.14E-07	1.85E-06	1.07E-06	2.05E-08	4.95E-07	2.00E-08	5.36E-07
3425	488863.09, 3848877.25	1.01E-06	3.06E-06	1.77E-06	3.38E-08	8.17E-07	3.30E-08	8.84E-07	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.98E-08	5.28E-07
3426	489363.09, 3848877.25	1.01E-06	3.06E-06	1.77E-06	3.38E-08	8.17E-07	3.30E-08	8.84E-07	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07
3427	489863.09, 3848877.25	1.02E-06	3.09E-06	1.79E-06	3.42E-08	8.25E-07	3.34E-08	8.93E-07	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.89E-07	1.98E-08	5.29E-07
3428	490363.09, 3848877.25	1.01E-06	3.04E-06	1.76E-06	3.37E-08	8.13E-07	3.29E-08	8.80E-07	5.94E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07
3429	490863.09, 3848877.25	9.90E-07	2.99E-06	1.73E-06	3.30E-08	7.98E-07	3.23E-08	8.64E-07	5.80E-07	1.75E-06	1.01E-06	1.94E-08	4.68E-07	1.89E-08	5.06E-07
3430	491363.09, 3848877.25	9.77E-07	2.95E-06	1.71E-06	3.26E-08	7.88E-07	3.19E-08	8.52E-07	5.70E-07	1.72E-06	9.96E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07
3431	491863.09, 3848877.25	9.47E-07	2.86E-06	1.66E-06	3.16E-08	7.64E-07	3.09E-08	8.26E-07	5.49E-07	1.66E-06	9.60E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
3432	492363.09, 3848877.25	9.18E-07	2.77E-06	1.60E-06	3.06E-08	7.40E-07	2.99E-08	8.01E-07	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
3433	492863.09, 3848877.25	8.93E-07	2.70E-06	1.56E-06	2.98E-08	7.20E-07	2.91E-08	7.79E-07	5.12E-07	1.55E-06	8.95E-07	1.71E-08	4.13E-07	1.67E-08	4.47E-07
3434	493363.09, 3848877.25	8.68E-07	2.62E-06	1.52E-06	2.90E-08	7.00E-07	2.83E-08	7.58E-07	4.95E-07	1.49E-06	8.65E-07	1.65E-08	3.99E-07	1.62E-08	4.32E-07
3435	493863.09, 3848877.25	8.86E-07	2.68E-06	1.55E-06	2.96E-08	7.15E-07	2.89E-08	7.73E-07	5.03E-07	1.52E-06	8.79E-07	1.68E-08	4.06E-07	1.64E-08	4.39E-07
3436	494363.09, 3848877.25	8.97E-07	2.71E-06	1.57E-06	3.00E-08	7.24E-07	2.93E-08	7.83E-07	5.07E-07	1.53E-06	8.86E-07	1.69E-08	4.09E-07	1.65E-08	4.42E-07
3437	494863.09, 3848877.25	9.17E-07	2.77E-06	1.60E-06	3.06E-08	7.40E-07	2.99E-08	8.00E-07	5.16E-07	1.56E-06	9.02E-07	1.72E-08	4.16E-07	1.68E-08	4.51E-07
3438	495363.09, 3848877.25	9.39E-07	2.84E-06	1.64E-06	3.14E-08	7.58E-07	3.07E-08	8.20E-07	5.27E-07	1.59E-06	9.20E-07	1.76E-08	4.25E-07	1.72E-08	4.59E-07
3439	495863.09, 3848877.25	9.28E-07	2.80E-06	1.62E-06	3.10E-08	7.48E-07	3.03E-08	8.10E-07	5.17E-07	1.56E-06	9.05E-07	1.73E-08	4.17E-07	1.69E-08	4.52E-07
3440	496363.09, 3848877.25	9.46E-07	2.86E-06	1.65E-06	3.16E-08	7.63E-07	3.09E-08	8.25E-07	5.25E-07	1.59E-06	9.18E-07	1.75E-08	4.24E-07	1.71E-08	4.59E-07
3441	496863.09, 3848877.25	9.94E-07	3.00E-06	1.74E-06	3.32E-08	8.01E-07	3.24E-08	8.67E-07	5.51E-07	1.66E-06	9.63E-07	1.84E-08	4.45E-07	1.80E-08	4.81E-07
3442	497363.09, 3848877.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.77E-07	3.55E-08	9.48E-07	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07
3443	497863.09, 3848877.25	1.14E-06	3.45E-06	2.00E-06	3.82E-08	9.22E-07	3.73E-08	9.97E-07	6.32E-07	1.91E-06	1.10E-06	2.11E-08	5.10E-07	2.06E-08	5.51E-07
3444	498363.09, 3848877.25	1.18E-06	3.57E-06	2.07E-06	3.95E-08	9.54E-07	3.86E-08	1.03E-06	6.53E-07	1.97E-06	1.14E-06	2.18E-08	5.26E-07	2.13E-08	5.69E-07
3445	471363.09, 3849377.25	9.12E-07	2.75E-06	1.59E-06	3.05E-08	7.36E-07	2.98E-08	7.96E-07	5.53E-07	1.67E-06	9.66E-07	1.85E-08	4.46E-07	1.80E-08	4.82E-07
3446	471863.09, 3849377.25	9.58E-07	2.89E-06	1.67E-06	3.20E-08	7.73E-07	3.13E-08	8.36E-07	5.87E-07	1.77E-06	1.03E-06	1.96E-08	4.73E-07	1.91E-08	5.12E-07
3447	472363.09, 3849377.25	1.01E-06	3.06E-06	1.77E-06	3.38E-08	8.17E-07	3.30E-08	8.84E-07	6.27E-07	1.89E-06	1.10E-06	2.09E-08	5.05E-07	2.04E-08	5.47E-07
3448	472863.09, 3849377.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.71E-07	3.52E-08	9.42E-07	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.90E-07
3449	473363.09, 3849377.25	1.17E-06	3.54E-06	2.05E-06	3.91E-08	9.46E-07	3.83E-08	1.02E-06	7.47E-07	2.26E-06	1.31E-06	2.49E-08	6.03E-07	2.44E-08	6.52E-07
3450	473863.09, 3849377.25	1.30E-06	3.92E-06	2.27E-06	4.33E-08	1.05E-06	4.23E-08	1.13E-06	8.45E-07	2.55E-06	1.48E-06	2.82E-08	6.82E-07	2.76E-08	7.38E-07
3451	474363.09, 3849377.25	1.49E-06	4.48E-06	2.60E-06	4.96E-08	1.20E-06	4.85E-08	1.30E-06	9.94E-07	3.00E-06	1.74E-06	3.32E-08	8.02E-07	3.24E-08	8.68E-07
3452	474863.09, 3849377.25	1.81E-06	5.46E-06	3.16E-06	6.04E-08	1.46E-06	5.91E-08	1.58E-06	1.26E-06	3.79E-06	2.20E-06	4.19E-08	1.01E-06	4.10E-08	1.10E-06
3453	475363.09, 3849377.25	2.54E-06	7.67E-06	4.44E-06	8.48E-08	2.05E-06	8.29E-08	2.22E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
3454	475863.09, 3849377.25	4.32E-06	1.30E-05	7.55E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	3.16E-06	9.54E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.76E-06
3455	476363.09, 3849377.25	8.99E-06	2.71E-05	1.57E-05	3.00E-07	7.25E-06	2.93E-07	7.85E-06	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.84E-06
3456	476863.09, 3849377.25	1.93E-05	5.82E-05	3.37E-05	6.43E-07	1.55E-05	6.29E-07	1.68E-05	1.58E-05	4.76E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05
3457	477363.09, 3849377.25	6.27E-06	1.89E-05	1.10E-05	2.09E-07	5.06E-06	2.05E-07	5.47E-06	4.89E-06	1.48E-05	8.55E-06	1.63E-07	3.95E-06	1.60E-07	4.27E-06
3458	477863.09, 3849377.25	4.09E-06	1.24E-05	7.15E-06	1.37E-07	3.30E-06	1.33E-07	3.57E-06	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
3459	478363.09, 3849377.25	3.30E-06	9.97E-06	5.77E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06	2.42E-06	7.31E-06	4.23E-06	8.08E-08	1.95E-06	7.90E-08	2.11E-06
3460	478863.09, 3849377.25	2.85E-06	8.62E-06	4.99E-06	9.53E-08	2.30E-06	9.32E-08	2.49E-06	2.00E-06	6.05E-06	3.50E-06	6.69E-08	1.62E-06	6.54E-08	1.75E-06
3461	479363.09, 3849377.25	2.57E-06	7.77E-06	4.50E-06	8.60E-08	2.08E-06	8.40E-08	2.25E-06	1.75E-06	5.30E-06	3.07E-06	5.86E-08	1.42E-06	5.73E-08	1.53E-06
3462	479863.09, 3849377.25	2.21E-06	6.67E-06	3.86E-06	7.37E-08	1.78E-06	7.21E-08	1.93E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.79E-08	1.28E-06
3463	480363.09, 3849377.25	2.17E-06	6.56E-06	3.80E-06	7.26E-08	1.75E-06	7.09E-08	1.90E-06	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06
3464	480863.09, 3849377.25	2.01E-06	6.06E-06	3.51E-06	6.70E-08	1.62E-06	6.55E-08	1.75E-06	1.31E-06	3.94E-06	2.28E-06	4.36E-08	1.05E-06	4.26E-08	1.14E-06
3465	481363.09, 3849377.25	1.85E-06	5.59E-06	3.24E-06	6.19E-08	1.49E-06	6.05E-08	1.62E-06	1.18E-06	3.57E-06	2.07E-06	3.95E-08	9.54E-07	3.86E-08	1.03E-06
3466	481863.09, 3849377.25	1.63E-06	4.93E-06	2.86E-06	5.46E-08	1.32E-06	5.33E-08	1.43E-06	1.03E-06	3.10E-06	1.79E-06	3.43E-08	8.28E-07	3.35E-08	8.96E-07
3467	482363.09, 3849377.25	1.50E-06	4.52E-06	2.62E-06	5.00E-08	1.21E-06	4.88E-08	1.31E-06	9.34E-07	2.82E-06	1.63E-06	3.12E-08	7.53E-07	3.05E-08	8.15E-07
3468	482863.09, 3849377.25	1.35E-06	4.07E-06	2.36E-06	4.51E-08	1.09E-06	4.40E-08	1.18E-06	8.38E-07	2.53E-06	1.46E-06	2.80E-08	6.76E-07	2.73E-08	7.31E-07

3469	483363.09, 3849377.25	1.26E-06	3.80E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06	7.80E-07	2.35E-06	1.36E-06	2.60E-08	6.29E-07	2.54E-08	6.80E-07
3470	483863.09, 3849377.25	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.32E-07	3.77E-08	1.01E-06	7.12E-07	2.15E-06	1.24E-06	2.38E-08	5.74E-07	2.32E-08	6.21E-07
3471	484363.09, 3849377.25	1.34E-06	4.05E-06	2.35E-06	4.48E-08	1.08E-06	4.38E-08	1.17E-06	8.24E-07	2.49E-06	1.44E-06	2.75E-08	6.64E-07	2.69E-08	7.19E-07
3472	484863.09, 3849377.25	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06	8.73E-07	2.64E-06	1.53E-06	2.91E-08	7.04E-07	2.85E-08	7.62E-07
3473	485363.09, 3849377.25	1.39E-06	4.21E-06	2.44E-06	4.66E-08	1.12E-06	4.55E-08	1.22E-06	8.48E-07	2.56E-06	1.48E-06	2.83E-08	6.84E-07	2.77E-08	7.40E-07
3474	485863.09, 3849377.25	1.23E-06	3.72E-06	2.15E-06	4.12E-08	9.94E-07	4.02E-08	1.08E-06	7.49E-07	2.26E-06	1.31E-06	2.50E-08	6.05E-07	2.45E-08	6.54E-07
3475	486363.09, 3849377.25	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.96E-07	3.62E-08	9.69E-07	6.74E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.88E-07
3476	486863.09, 3849377.25	1.17E-06	3.53E-06	2.04E-06	3.90E-08	9.43E-07	3.81E-08	1.02E-06	7.08E-07	2.14E-06	1.24E-06	2.36E-08	5.71E-07	2.31E-08	6.18E-07
3477	487363.09, 3849377.25	1.17E-06	3.54E-06	2.05E-06	3.92E-08	9.46E-07	3.83E-08	1.02E-06	7.07E-07	2.14E-06	1.24E-06	2.36E-08	5.71E-07	2.31E-08	6.17E-07
3478	487863.09, 3849377.25	1.16E-06	3.49E-06	2.02E-06	3.87E-08	9.34E-07	3.78E-08	1.01E-06	6.94E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.27E-08	6.06E-07
3479	488363.09, 3849377.25	1.15E-06	3.46E-06	2.01E-06	3.83E-08	9.26E-07	3.74E-08	1.00E-06	6.84E-07	2.07E-06	1.20E-06	2.28E-08	5.52E-07	2.23E-08	5.97E-07
3480	488863.09, 3849377.25	1.14E-06	3.44E-06	1.99E-06	3.81E-08	9.19E-07	3.72E-08	9.95E-07	6.77E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.90E-07
3481	489363.09, 3849377.25	1.14E-06	3.44E-06	1.99E-06	3.80E-08	9.18E-07	3.71E-08	9.93E-07	6.72E-07	2.03E-06	1.17E-06	2.24E-08	5.42E-07	2.19E-08	5.87E-07
3482	489863.09, 3849377.25	1.12E-06	3.40E-06	1.97E-06	3.76E-08	9.07E-07	3.67E-08	9.81E-07	6.61E-07	2.00E-06	1.16E-06	2.21E-08	5.33E-07	2.16E-08	5.77E-07
3483	490363.09, 3849377.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.90E-07	3.60E-08	9.63E-07	6.44E-07	1.95E-06	1.13E-06	2.15E-08	5.20E-07	2.10E-08	5.62E-07
3484	490863.09, 3849377.25	1.09E-06	3.29E-06	1.90E-06	3.64E-08	8.78E-07	3.55E-08	9.50E-07	6.32E-07	1.91E-06	1.11E-06	2.11E-08	5.10E-07	2.06E-08	5.52E-07
3485	491363.09, 3849377.25	1.08E-06	3.25E-06	1.88E-06	3.59E-08	8.67E-07	3.51E-08	9.38E-07	6.22E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07
3486	491863.09, 3849377.25	1.03E-06	3.12E-06	1.81E-06	3.46E-08	8.35E-07	3.38E-08	9.03E-07	5.96E-07	1.80E-06	1.04E-06	1.99E-08	4.81E-07	1.94E-08	5.20E-07
3487	492363.09, 3849377.25	1.01E-06	3.03E-06	1.76E-06	3.36E-08	8.11E-07	3.28E-08	8.77E-07	5.76E-07	1.74E-06	1.01E-06	1.92E-08	4.64E-07	1.88E-08	5.02E-07
3488	492863.09, 3849377.25	9.67E-07	2.92E-06	1.69E-06	3.23E-08	7.80E-07	3.16E-08	8.44E-07	5.50E-07	1.66E-06	9.61E-07	1.84E-08	4.43E-07	1.79E-08	4.80E-07
3489	493363.09, 3849377.25	9.56E-07	2.89E-06	1.67E-06	3.19E-08	7.71E-07	3.12E-08	8.34E-07	5.41E-07	1.63E-06	9.45E-07	1.81E-08	4.36E-07	1.76E-08	4.72E-07
3490	493863.09, 3849377.25	9.66E-07	2.92E-06	1.69E-06	3.22E-08	7.79E-07	3.15E-08	8.43E-07	5.43E-07	1.64E-06	9.49E-07	1.81E-08	4.38E-07	1.77E-08	4.74E-07
3491	494363.09, 3849377.25	9.89E-07	2.99E-06	1.73E-06	3.30E-08	7.98E-07	3.23E-08	8.63E-07	5.54E-07	1.67E-06	9.69E-07	1.85E-08	4.47E-07	1.81E-08	4.84E-07
3492	494863.09, 3849377.25	1.05E-06	3.18E-06	1.84E-06	3.52E-08	8.49E-07	3.43E-08	9.19E-07	5.88E-07	1.78E-06	1.03E-06	1.96E-08	4.75E-07	1.92E-08	5.13E-07
3493	495363.09, 3849377.25	1.08E-06	3.25E-06	1.88E-06	3.60E-08	8.69E-07	3.51E-08	9.40E-07	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.24E-07
3494	495863.09, 3849377.25	1.01E-06	3.05E-06	1.77E-06	3.38E-08	8.16E-07	3.30E-08	8.83E-07	5.59E-07	1.69E-06	9.77E-07	1.87E-08	4.51E-07	1.82E-08	4.88E-07
3495	496363.09, 3849377.25	1.01E-06	3.06E-06	1.77E-06	3.38E-08	8.16E-07	3.30E-08	8.83E-07	5.57E-07	1.68E-06	9.74E-07	1.86E-08	4.50E-07	1.82E-08	4.86E-07
3496	496863.09, 3849377.25	1.13E-06	3.42E-06	1.98E-06	3.78E-08	9.14E-07	3.70E-08	9.88E-07	6.24E-07	1.88E-06	1.09E-06	2.08E-08	5.03E-07	2.04E-08	5.45E-07
3497	497363.09, 3849377.25	1.17E-06	3.54E-06	2.05E-06	3.92E-08	9.47E-07	3.83E-08	1.02E-06	6.46E-07	1.95E-06	1.13E-06	2.16E-08	5.21E-07	2.11E-08	5.63E-07
3498	497863.09, 3849377.25	1.32E-06	3.99E-06	2.31E-06	4.41E-08	1.07E-06	4.31E-08	1.15E-06	7.25E-07	2.19E-06	1.27E-06	2.42E-08	5.85E-07	2.37E-08	6.33E-07
3499	498363.09, 3849377.25	1.31E-06	3.95E-06	2.28E-06	4.36E-08	1.05E-06	4.27E-08	1.14E-06	7.15E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.33E-08	6.24E-07
3500	471363.09, 3849877.25	8.94E-07	2.70E-06	1.56E-06	2.99E-08	7.21E-07	2.92E-08	7.80E-07	5.27E-07	1.59E-06	9.21E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
3501	471863.09, 3849877.25	9.62E-07	2.91E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.40E-07	5.76E-07	1.74E-06	1.01E-06	1.92E-08	4.65E-07	1.88E-08	5.03E-07
3502	472363.09, 3849877.25	1.01E-06	3.06E-06	1.77E-06	3.39E-08	8.18E-07	3.31E-08	8.85E-07	6.13E-07	1.85E-06	1.07E-06	2.05E-08	4.94E-07	2.00E-08	5.35E-07
3503	472863.09, 3849877.25	1.06E-06	3.19E-06	1.84E-06	3.52E-08	8.51E-07	3.44E-08	9.21E-07	6.44E-07	1.95E-06	1.13E-06	2.15E-08	5.20E-07	2.10E-08	5.62E-07
3504	473363.09, 3849877.25	1.11E-06	3.36E-06	1.95E-06	3.72E-08	8.98E-07	3.63E-08	9.72E-07	6.88E-07	2.08E-06	1.20E-06	2.30E-08	5.55E-07	2.25E-08	6.01E-07
3505	473863.09, 3849877.25	1.18E-06	3.57E-06	2.06E-06	3.94E-08	9.53E-07	3.85E-08	1.03E-06	7.41E-07	2.24E-06	1.30E-06	2.48E-08	5.98E-07	2.42E-08	6.47E-07
3506	474363.09, 3849877.25	1.26E-06	3.81E-06	2.21E-06	4.22E-08	1.02E-06	4.12E-08	1.10E-06	8.08E-07	2.44E-06	1.41E-06	2.70E-08	6.52E-07	2.64E-08	7.05E-07
3507	474863.09, 3849877.25	1.36E-06	4.11E-06	2.38E-06	4.54E-08	1.10E-06	4.44E-08	1.19E-06	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.76E-07
3508	475363.09, 3849877.25	1.50E-06	4.53E-06	2.62E-06	5.01E-08	1.21E-06	4.90E-08	1.31E-06	1.00E-06	3.02E-06	1.75E-06	3.34E-08	8.08E-07	3.27E-08	8.74E-07
3509	475863.09, 3849877.25	1.77E-06	5.34E-06	3.09E-06	5.90E-08	1.43E-06	5.77E-08	1.54E-06	1.19E-06	3.60E-06	2.08E-06	3.98E-08	9.61E-07	3.89E-08	1.04E-06
3510	476363.09, 3849877.25	2.15E-06	6.50E-06	3.77E-06	7.19E-08	1.74E-06	7.03E-08	1.88E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06
3511	476863.09, 3849877.25	2.92E-06	8.82E-06	5.11E-06	9.75E-08	2.36E-06	9.53E-08	2.55E-06	2.05E-06	6.19E-06	3.58E-06	6.84E-08	1.65E-06	6.69E-08	1.79E-06
3512	477363.09, 3849877.25	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	4.47E-06	1.35E-05	7.82E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06
3513	477863.09, 3849877.25	2.83E-05	8.53E-05	4.94E-05	9.43E-07	2.28E-05	9.22E-07	2.47E-05	2.09E-05	6.31E-05	3.65E-05	6.98E-07	1.69E-05	6.82E-07	1.82E-05
3514	478363.09, 3849877.25	8.85E-06	2.67E-05	1.55E-05	2.96E-07	7.14E-06	2.89E-07	7.72E-06	6.26E-06	1.89E-05	1.09E-05	2.09E-07	5.05E-06	2.04E-07	5.46E-06
3515	478863.09, 3849877.25	5.68E-06	1.71E-05	9.92E-06	1.90E-07	4.58E-06	1.85E-07	4.95E-06	3.93E-06	1.19E-05	6.87E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
3516	479363.09, 3849877.25	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06	2.94E-06	8.86E-06	5.13E-06	9.80E-08	2.37E-06	9.58E-08	2.56E-06
3517	479863.09, 3849877.25	3.69E-06	1.11E-05	6.44E-06	1.23E-07	2.97E-06	1.20E-07	3.22E-06	2.43E-06	7.35E-06	4.25E-06	8.13E-08	1.96E-06	7.94E-08	2.12E-06
3518	480363.09, 3849877.25	3.12E-06	9.43E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06	2.01E-06	6.07E-06	3.51E-06	6.71E-08	1.62E-06	6.56E-08	1.75E-06
3519	480863.09, 3849877.25	2.70E-06	8.14E-06	4.71E-06	9.00E-08	2.17E-06	8.79E-08	2.35E-06	1.71E-06	5.16E-06	2.99E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06
3520	481363.09, 3849877.25	2.41E-06	7.27E-06	4.21E-06	8.04E-08	1.94E-06	7.85E-08	2.10E-06	1.51E-06	4.56E-06	2.64E-06	5.05E-08	1.22E-06	4.93E-08	1.32E-06
3521	481863.09, 3849877.25	1.96E-06	5.91E-06	3.42E-06	6.54E-08	1.58E-06	6.39E-08	1.71E-06	1.22E-06	3.67E-06	2.13E-06	4.06E-08	9.81E-07	3.97E-08	1.06E-06
3522	482363.09, 3849877.25	1.71E-06	5.17E-06	3.00E-06	5.72E-08	1.38E-06	5.59E-08	1.50E-06	1.06E-06	3.20E-06	1.85E-06	3.54E-08	8.54E-07	3.46E-08	9.24E-07
3523	482863.09, 3849877.25	1.54E-06	4.65E-06	2.69E-06	5.15E-08	1.24E-06	5.03E-08	1.34E-06	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.66E-07	3.10E-08	8.29E-07
3524	483363.09, 3849877.25	1.39E-06	4.19E-06	2.43E-06	4.64E-08	1.12E-06	4.53E-08	1.21E-06	8.53E-07	2.58E-06	1.49E-06	2.85E-08	6.88E-07	2.78E-08	7.45E-07
3525	483863.09, 3849877.25	1.34E-06	4.06E-06	2.35E-06	4.49E-08	1.08E-06	4.39E-08	1.17E-06	8.23E-07	2.48E-06	1.44E-06	2.75E-08	6.63E-07	2.68E-08	7.18E-07
3526	484363.09, 3849877.25	1.51E-06	4.55E-06	2.64E-06	5.04E-08	1.22E-06	4.92E-08	1.32E-06	9.19E-07	2.77E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.02E-07
3527	484863.09, 3849877.25	1.66E-06	5.00E-06	2.89E-06	5.53E-08	1.34E-06	5.40E-08	1.44E-06	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.08E-07	3.27E-08	8.75E-07
3528	485363.09, 3849877.25	1.57E-06	4.74E-06	2.74E-06	5.24E-08	1.27E-06	5.12E-08	1.37E-06	9.46E-07	2.86E-06	1.65E-06	3.16E-08	7.63E-07	3.09E-08	8.26E-07
3529	485863.09, 3849877.25	1.43E-06	4.31E-06	2.49E-06	4.76E-08	1.15E-06	4.66E-08	1.25E-06	8.60E-07	2.60E-06	1.50E-06	2.87E-08	6.94E-07	2.81E-08	7.51E-07
3530	486363.09, 3849877.25	1.34E-06	4.04E-06	2.34E-06	4.47E-08	1.08E-06	4.37E-08	1.17E-06	8.07E-07	2.44E-06	1.41E-06	2.70E-08	6.51E-07	2.63E-08	7.04E-07

3531	486863.09, 3849877.25	1.36E-06	4.11E-06	2.38E-06	4.54E-08	1.10E-06	4.44E-08	1.19E-06	8.17E-07	2.47E-06	1.43E-06	2.73E-08	6.59E-07	2.67E-08	7.13E-07
3532	487363.09, 3849877.25	1.33E-06	4.03E-06	2.33E-06	4.46E-08	1.08E-06	4.35E-08	1.16E-06	7.98E-07	2.41E-06	1.40E-06	2.67E-08	6.44E-07	2.60E-08	6.97E-07
3533	487863.09, 3849877.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07
3534	488363.09, 3849877.25	1.29E-06	3.88E-06	2.25E-06	4.29E-08	1.04E-06	4.20E-08	1.12E-06	7.62E-07	2.30E-06	1.33E-06	2.54E-08	6.14E-07	2.49E-08	6.65E-07
3535	488863.09, 3849877.25	1.28E-06	3.85E-06	2.23E-06	4.26E-08	1.03E-06	4.16E-08	1.11E-06	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.07E-07	2.45E-08	6.56E-07
3536	489363.09, 3849877.25	1.27E-06	3.82E-06	2.21E-06	4.23E-08	1.02E-06	4.13E-08	1.10E-06	7.41E-07	2.24E-06	1.30E-06	2.48E-08	5.98E-07	2.42E-08	6.47E-07
3537	489863.09, 3849877.25	1.24E-06	3.76E-06	2.18E-06	4.16E-08	1.00E-06	4.06E-08	1.09E-06	7.25E-07	2.19E-06	1.27E-06	2.42E-08	5.85E-07	2.37E-08	6.33E-07
3538	490363.09, 3849877.25	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.83E-07	3.98E-08	1.06E-06	7.06E-07	2.13E-06	1.23E-06	2.36E-08	5.69E-07	2.30E-08	6.16E-07
3539	490863.09, 3849877.25	1.20E-06	3.63E-06	2.10E-06	4.02E-08	9.70E-07	3.93E-08	1.05E-06	6.93E-07	2.09E-06	1.21E-06	2.31E-08	5.59E-07	2.26E-08	6.05E-07
3540	491363.09, 3849877.25	1.19E-06	3.60E-06	2.09E-06	3.99E-08	9.63E-07	3.90E-08	1.04E-06	6.84E-07	2.07E-06	1.20E-06	2.28E-08	5.52E-07	2.23E-08	5.97E-07
3541	491863.09, 3849877.25	1.15E-06	3.48E-06	2.01E-06	3.85E-08	9.30E-07	3.76E-08	1.01E-06	6.57E-07	1.98E-06	1.15E-06	2.19E-08	5.30E-07	2.14E-08	5.74E-07
3542	492363.09, 3849877.25	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.06E-07	3.66E-08	9.80E-07	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.56E-07
3543	492863.09, 3849877.25	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.81E-07	3.56E-08	9.53E-07	6.16E-07	1.86E-06	1.08E-06	2.06E-08	4.97E-07	2.01E-08	5.37E-07
3544	493363.09, 3849877.25	1.07E-06	3.23E-06	1.87E-06	3.58E-08	8.64E-07	3.50E-08	9.35E-07	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.23E-07
3545	493863.09, 3849877.25	1.06E-06	3.22E-06	1.86E-06	3.56E-08	8.59E-07	3.47E-08	9.29E-07	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07
3546	494363.09, 3849877.25	1.15E-06	3.46E-06	2.00E-06	3.83E-08	9.25E-07	3.74E-08	1.00E-06	6.38E-07	1.93E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.57E-07
3547	494863.09, 3849877.25	1.21E-06	3.66E-06	2.12E-06	4.05E-08	9.79E-07	3.96E-08	1.06E-06	6.73E-07	2.03E-06	1.18E-06	2.25E-08	5.43E-07	2.20E-08	5.87E-07
3548	495363.09, 3849877.25	1.17E-06	3.52E-06	2.04E-06	3.90E-08	9.41E-07	3.81E-08	1.02E-06	6.44E-07	1.94E-06	1.13E-06	2.15E-08	5.19E-07	2.10E-08	5.62E-07
3549	495863.09, 3849877.25	1.24E-06	3.73E-06	2.16E-06	4.13E-08	9.97E-07	4.03E-08	1.08E-06	6.81E-07	2.06E-06	1.19E-06	2.27E-08	5.49E-07	2.22E-08	5.94E-07
3550	496363.09, 3849877.25	1.27E-06	3.85E-06	2.23E-06	4.25E-08	1.03E-06	4.16E-08	1.11E-06	6.99E-07	2.11E-06	1.22E-06	2.33E-08	5.64E-07	2.28E-08	6.10E-07
3551	496863.09, 3849877.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	7.13E-07	2.15E-06	1.25E-06	2.38E-08	5.75E-07	2.33E-08	6.22E-07
3552	497363.09, 3849877.25	1.41E-06	4.26E-06	2.47E-06	4.71E-08	1.14E-06	4.60E-08	1.23E-06	7.70E-07	2.32E-06	1.35E-06	2.57E-08	6.21E-07	2.51E-08	6.71E-07
3553	497863.09, 3849877.25	1.45E-06	4.39E-06	2.54E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.90E-07
3554	498363.09, 3849877.25	1.44E-06	4.34E-06	2.51E-06	4.80E-08	1.16E-06	4.69E-08	1.25E-06	7.80E-07	2.35E-06	1.36E-06	2.60E-08	6.29E-07	2.54E-08	6.81E-07
3555	471363.09, 3850377.25	8.42E-07	2.54E-06	1.47E-06	2.81E-08	6.79E-07	2.75E-08	7.35E-07	4.77E-07	1.44E-06	8.34E-07	1.59E-08	3.85E-07	1.56E-08	4.16E-07
3556	471863.09, 3850377.25	9.27E-07	2.80E-06	1.62E-06	3.09E-08	7.47E-07	3.02E-08	8.09E-07	5.37E-07	1.62E-06	9.39E-07	1.79E-08	4.33E-07	1.75E-08	4.69E-07
3557	472363.09, 3850377.25	9.78E-07	2.95E-06	1.71E-06	3.27E-08	7.89E-07	3.19E-08	8.54E-07	5.74E-07	1.73E-06	1.00E-06	1.92E-08	4.63E-07	1.87E-08	5.01E-07
3558	472863.09, 3850377.25	1.04E-06	3.15E-06	1.82E-06	3.48E-08	8.40E-07	3.40E-08	9.09E-07	6.21E-07	1.87E-06	1.09E-06	2.07E-08	5.01E-07	2.03E-08	5.42E-07
3559	473363.09, 3850377.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.76E-07	3.54E-08	9.48E-07	6.53E-07	1.97E-06	1.14E-06	2.18E-08	5.27E-07	2.13E-08	5.70E-07
3560	473863.09, 3850377.25	1.13E-06	3.41E-06	1.98E-06	3.77E-08	9.12E-07	3.69E-08	9.86E-07	6.88E-07	2.08E-06	1.20E-06	2.30E-08	5.55E-07	2.24E-08	6.00E-07
3561	474363.09, 3850377.25	1.19E-06	3.59E-06	2.08E-06	3.97E-08	9.58E-07	3.88E-08	1.04E-06	7.30E-07	2.21E-06	1.28E-06	2.44E-08	5.89E-07	2.38E-08	6.37E-07
3562	474863.09, 3850377.25	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.00E-06	4.06E-08	1.09E-06	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07
3563	475363.09, 3850377.25	1.32E-06	4.00E-06	2.31E-06	4.42E-08	1.07E-06	4.32E-08	1.15E-06	8.34E-07	2.52E-06	1.46E-06	2.78E-08	6.72E-07	2.72E-08	7.28E-07
3564	475863.09, 3850377.25	1.46E-06	4.39E-06	2.54E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06	9.27E-07	2.80E-06	1.62E-06	3.09E-08	7.47E-07	3.02E-08	8.09E-07
3565	476363.09, 3850377.25	1.63E-06	4.93E-06	2.85E-06	5.45E-08	1.32E-06	5.33E-08	1.42E-06	1.05E-06	3.16E-06	1.83E-06	3.50E-08	8.45E-07	3.42E-08	9.14E-07
3566	476863.09, 3850377.25	1.87E-06	5.63E-06	3.26E-06	6.23E-08	1.50E-06	6.09E-08	1.63E-06	1.21E-06	3.66E-06	2.12E-06	4.05E-08	9.78E-07	3.96E-08	1.06E-06
3567	477363.09, 3850377.25	2.23E-06	6.74E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06	1.48E-06	4.47E-06	2.59E-06	4.94E-08	1.19E-06	4.83E-08	1.29E-06
3568	477863.09, 3850377.25	3.04E-06	9.17E-06	5.31E-06	1.01E-07	2.45E-06	9.91E-08	2.65E-06	2.07E-06	6.25E-06	3.62E-06	6.91E-08	1.67E-06	6.75E-08	1.81E-06
3569	478363.09, 3850377.25	6.31E-06	1.90E-05	1.10E-05	2.11E-07	5.09E-06	2.06E-07	5.50E-06	4.46E-06	1.35E-05	7.79E-06	1.49E-07	3.60E-06	1.46E-07	3.89E-06
3570	478863.09, 3850377.25	3.75E-05	1.13E-04	6.55E-05	1.25E-06	3.02E-05	1.22E-06	3.27E-05	2.64E-05	7.97E-05	4.61E-05	8.81E-07	2.13E-05	8.61E-07	2.30E-05
3571	479363.09, 3850377.25	1.30E-05	3.92E-05	2.27E-05	4.34E-07	1.05E-05	4.24E-07	1.13E-05	8.38E-06	2.53E-05	1.46E-05	2.80E-07	6.76E-06	2.73E-07	7.31E-06
3572	479863.09, 3850377.25	7.85E-06	2.37E-05	1.37E-05	2.62E-07	6.33E-06	2.56E-07	6.85E-06	4.96E-06	1.50E-05	8.66E-06	1.66E-07	4.00E-06	1.62E-07	4.32E-06
3573	480363.09, 3850377.25	5.70E-06	1.72E-05	9.96E-06	1.90E-07	4.60E-06	1.86E-07	4.97E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
3574	480863.09, 3850377.25	4.47E-06	1.35E-05	7.82E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06	2.80E-06	8.45E-06	4.89E-06	9.34E-08	2.26E-06	9.13E-08	2.44E-06
3575	481363.09, 3850377.25	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.89E-06	2.04E-06	6.17E-06	3.57E-06	6.83E-08	1.65E-06	6.67E-08	1.78E-06
3576	481863.09, 3850377.25	2.92E-06	8.81E-06	5.10E-06	9.74E-08	2.35E-06	9.52E-08	2.55E-06	1.79E-06	5.40E-06	3.13E-06	5.97E-08	1.44E-06	5.84E-08	1.56E-06
3577	482363.09, 3850377.25	2.59E-06	7.83E-06	4.53E-06	8.66E-08	2.09E-06	8.46E-08	2.26E-06	1.58E-06	4.77E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06
3578	482863.09, 3850377.25	2.04E-06	6.15E-06	3.56E-06	6.80E-08	1.64E-06	6.65E-08	1.78E-06	1.24E-06	3.76E-06	2.17E-06	4.15E-08	1.00E-06	4.06E-08	1.09E-06
3579	483363.09, 3850377.25	1.74E-06	5.25E-06	3.04E-06	5.81E-08	1.40E-06	5.67E-08	1.52E-06	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.56E-07	3.46E-08	9.27E-07
3580	483863.09, 3850377.25	1.73E-06	5.22E-06	3.02E-06	5.77E-08	1.39E-06	5.64E-08	1.51E-06	1.05E-06	3.17E-06	1.84E-06	3.51E-08	8.48E-07	3.43E-08	9.17E-07
3581	484363.09, 3850377.25	1.80E-06	5.44E-06	3.15E-06	6.01E-08	1.45E-06	5.87E-08	1.57E-06	1.09E-06	3.29E-06	1.90E-06	3.64E-08	8.78E-07	3.55E-08	9.50E-07
3582	484863.09, 3850377.25	1.86E-06	5.62E-06	3.25E-06	6.22E-08	1.50E-06	6.07E-08	1.62E-06	1.12E-06	3.38E-06	1.96E-06	3.74E-08	9.04E-07	3.66E-08	9.78E-07
3583	485363.09, 3850377.25	1.80E-06	5.44E-06	3.15E-06	6.02E-08	1.45E-06	5.88E-08	1.57E-06	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.71E-07	3.52E-08	9.42E-07
3584	485863.09, 3850377.25	1.68E-06	5.08E-06	2.94E-06	5.61E-08	1.36E-06	5.49E-08	1.47E-06	1.00E-06	3.03E-06	1.76E-06	3.35E-08	8.10E-07	3.28E-08	8.77E-07
3585	486363.09, 3850377.25	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06	9.66E-07	2.92E-06	1.69E-06	3.22E-08	7.79E-07	3.15E-08	8.43E-07
3586	486863.09, 3850377.25	1.57E-06	4.74E-06	2.74E-06	5.24E-08	1.27E-06	5.12E-08	1.37E-06	9.32E-07	2.81E-06	1.63E-06	3.11E-08	7.52E-07	3.04E-08	8.13E-07
3587	487363.09, 3850377.25	1.50E-06	4.53E-06	2.62E-06	5.01E-08	1.21E-06	4.90E-08	1.31E-06	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.76E-07
3588	487863.09, 3850377.25	1.47E-06	4.45E-06	2.58E-06	4.92E-08	1.19E-06	4.81E-08	1.29E-06	8.69E-07	2.62E-06	1.52E-06	2.90E-08	7.01E-07	2.84E-08	7.58E-07
3589	488363.09, 3850377.25	1.45E-06	4.37E-06	2.53E-06	4.83E-08	1.17E-06	4.72E-08	1.26E-06	8.48E-07	2.56E-06	1.48E-06	2.83E-08	6.84E-07	2.77E-08	7.40E-07
3590	488863.09, 3850377.25	1.43E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06	8.37E-07	2.53E-06	1.46E-06	2.79E-08	6.75E-07	2.73E-08	7.30E-07
3591	489363.09, 3850377.25	1.42E-06	4.29E-06	2.49E-06	4.75E-08	1.15E-06	4.64E-08	1.24E-06	8.25E-07	2.49E-06	1.44E-06	2.75E-08	6.65E-07	2.69E-08	7.20E-07
3592	489863.09, 3850377.25	1.39E-06	4.21E-06	2.44E-06	4.66E-08	1.13E-06	4.55E-08	1.22E-06	8.04E-07	2.43E-06	1.41E-06	2.68E-08	6.48E-07	2.62E-08	7.01E-07

3593	490363.09, 3850377.25	1.37E-06	4.13E-06	2.39E-06	4.57E-08	1.10E-06	4.46E-08	1.19E-06	7.84E-07	2.37E-06	1.37E-06	2.62E-08	6.32E-07	2.56E-08	6.84E-07
3594	490863.09, 3850377.25	1.35E-06	4.08E-06	2.36E-06	4.51E-08	1.09E-06	4.41E-08	1.18E-06	7.71E-07	2.33E-06	1.35E-06	2.58E-08	6.22E-07	2.52E-08	6.73E-07
3595	491363.09, 3850377.25	1.34E-06	4.05E-06	2.34E-06	4.48E-08	1.08E-06	4.38E-08	1.17E-06	7.60E-07	2.30E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07
3596	491863.09, 3850377.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	7.34E-07	2.22E-06	1.28E-06	2.45E-08	5.92E-07	2.40E-08	6.41E-07
3597	492363.09, 3850377.25	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.08E-08	1.09E-06	7.02E-07	2.12E-06	1.23E-06	2.35E-08	5.66E-07	2.29E-08	6.13E-07
3598	492863.09, 3850377.25	1.23E-06	3.73E-06	2.16E-06	4.12E-08	9.95E-07	4.03E-08	1.08E-06	6.89E-07	2.08E-06	1.20E-06	2.30E-08	5.56E-07	2.25E-08	6.01E-07
3599	493363.09, 3850377.25	1.21E-06	3.67E-06	2.12E-06	4.05E-08	9.79E-07	3.96E-08	1.06E-06	6.74E-07	2.03E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.88E-07
3600	493863.09, 3850377.25	1.26E-06	3.80E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06	6.97E-07	2.10E-06	1.22E-06	2.33E-08	5.62E-07	2.27E-08	6.08E-07
3601	494363.09, 3850377.25	1.30E-06	3.92E-06	2.27E-06	4.33E-08	1.05E-06	4.23E-08	1.13E-06	7.15E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.33E-08	6.24E-07
3602	494863.09, 3850377.25	1.37E-06	4.13E-06	2.39E-06	4.57E-08	1.10E-06	4.47E-08	1.19E-06	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.06E-07	2.45E-08	6.56E-07
3603	495363.09, 3850377.25	1.45E-06	4.39E-06	2.54E-06	4.85E-08	1.17E-06	4.74E-08	1.27E-06	7.95E-07	2.40E-06	1.39E-06	2.66E-08	6.41E-07	2.59E-08	6.94E-07
3604	495863.09, 3850377.25	1.42E-06	4.29E-06	2.49E-06	4.75E-08	1.15E-06	4.64E-08	1.24E-06	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07
3605	496363.09, 3850377.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.22E-06	4.92E-08	1.32E-06	8.20E-07	2.47E-06	1.43E-06	2.74E-08	6.61E-07	2.67E-08	7.15E-07
3606	496863.09, 3850377.25	1.58E-06	4.76E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06	8.56E-07	2.58E-06	1.50E-06	2.86E-08	6.90E-07	2.79E-08	7.47E-07
3607	497363.09, 3850377.25	1.61E-06	4.85E-06	2.81E-06	5.36E-08	1.30E-06	5.24E-08	1.40E-06	8.69E-07	2.62E-06	1.52E-06	2.90E-08	7.01E-07	2.84E-08	7.59E-07
3608	497863.09, 3850377.25	1.60E-06	4.84E-06	2.80E-06	5.35E-08	1.29E-06	5.23E-08	1.40E-06	8.66E-07	2.61E-06	1.51E-06	2.89E-08	6.98E-07	2.82E-08	7.55E-07
3609	498363.09, 3850377.25	1.60E-06	4.83E-06	2.80E-06	5.34E-08	1.29E-06	5.22E-08	1.40E-06	8.62E-07	2.60E-06	1.51E-06	2.88E-08	6.96E-07	2.81E-08	7.53E-07
3610	471363.09, 3850877.25	9.04E-07	2.73E-06	1.58E-06	3.02E-08	7.29E-07	2.95E-08	7.89E-07	5.10E-07	1.54E-06	8.91E-07	1.70E-08	4.11E-07	1.66E-08	4.45E-07
3611	471863.09, 3850877.25	9.43E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.23E-07	5.36E-07	1.62E-06	9.37E-07	1.79E-08	4.33E-07	1.75E-08	4.68E-07
3612	472363.09, 3850877.25	9.88E-07	2.98E-06	1.73E-06	3.30E-08	7.97E-07	3.22E-08	8.62E-07	5.69E-07	1.72E-06	9.95E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07
3613	472863.09, 3850877.25	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.38E-07	3.39E-08	9.07E-07	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.97E-08	5.28E-07
3614	473363.09, 3850877.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.57E-07	3.47E-08	9.27E-07	6.19E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07
3615	473863.09, 3850877.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.09E-07	3.68E-08	9.84E-07	6.65E-07	2.01E-06	1.16E-06	2.22E-08	5.36E-07	2.17E-08	5.80E-07
3616	474363.09, 3850877.25	1.16E-06	3.52E-06	2.04E-06	3.89E-08	9.39E-07	3.80E-08	1.02E-06	6.95E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.27E-08	6.06E-07
3617	474863.09, 3850877.25	1.22E-06	3.69E-06	2.13E-06	4.08E-08	9.85E-07	3.98E-08	1.07E-06	7.34E-07	2.22E-06	1.28E-06	2.45E-08	5.92E-07	2.39E-08	6.40E-07
3618	475363.09, 3850877.25	1.27E-06	3.85E-06	2.23E-06	4.26E-08	1.03E-06	4.16E-08	1.11E-06	7.73E-07	2.33E-06	1.35E-06	2.58E-08	6.24E-07	2.52E-08	6.75E-07
3619	475863.09, 3850877.25	1.35E-06	4.07E-06	2.36E-06	4.51E-08	1.09E-06	4.40E-08	1.18E-06	8.25E-07	2.49E-06	1.44E-06	2.76E-08	6.66E-07	2.69E-08	7.20E-07
3620	476363.09, 3850877.25	1.47E-06	4.45E-06	2.58E-06	4.92E-08	1.19E-06	4.81E-08	1.29E-06	9.07E-07	2.74E-06	1.59E-06	3.03E-08	7.32E-07	2.96E-08	7.92E-07
3621	476863.09, 3850877.25	1.60E-06	4.83E-06	2.80E-06	5.34E-08	1.29E-06	5.22E-08	1.40E-06	9.91E-07	2.99E-06	1.73E-06	3.31E-08	7.99E-07	3.23E-08	8.65E-07
3622	477363.09, 3850877.25	1.75E-06	5.29E-06	3.06E-06	5.85E-08	1.41E-06	5.72E-08	1.53E-06	1.10E-06	3.32E-06	1.92E-06	3.67E-08	8.86E-07	3.58E-08	9.58E-07
3623	477863.09, 3850877.25	1.98E-06	5.99E-06	3.47E-06	6.62E-08	1.60E-06	6.47E-08	1.73E-06	1.26E-06	3.81E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06
3624	478363.09, 3850877.25	2.42E-06	7.30E-06	4.22E-06	8.07E-08	1.95E-06	7.88E-08	2.11E-06	1.56E-06	4.72E-06	2.73E-06	5.22E-08	1.26E-06	5.10E-08	1.36E-06
3625	478863.09, 3850877.25	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06	2.18E-06	6.60E-06	3.82E-06	7.29E-08	1.76E-06	7.13E-08	1.91E-06
3626	479363.09, 3850877.25	6.37E-06	1.92E-05	1.11E-05	2.13E-07	5.14E-06	2.08E-07	5.56E-06	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.79E-06
3627	479863.09, 3850877.25	4.44E-05	1.34E-04	7.77E-05	1.48E-06	3.58E-05	1.45E-06	3.88E-05	3.14E-05	9.49E-05	5.49E-05	1.05E-06	2.53E-05	1.03E-06	2.74E-05
3628	480363.09, 3850877.25	1.15E-05	3.48E-05	2.01E-05	3.85E-07	9.29E-06	3.76E-07	1.01E-05	7.71E-06	2.33E-05	1.35E-05	2.57E-07	6.22E-06	2.52E-07	6.73E-06
3629	480863.09, 3850877.25	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	4.48E-06	1.35E-05	7.83E-06	1.50E-07	3.61E-06	1.46E-07	3.91E-06
3630	481363.09, 3850877.25	5.06E-06	1.53E-05	8.84E-06	1.69E-07	4.08E-06	1.65E-07	4.42E-06	3.24E-06	9.80E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06
3631	481863.09, 3850877.25	4.13E-06	1.25E-05	7.22E-06	1.38E-07	3.33E-06	1.35E-07	3.60E-06	2.57E-06	7.77E-06	4.50E-06	8.59E-08	2.08E-06	8.40E-08	2.25E-06
3632	482363.09, 3850877.25	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06	2.05E-06	6.18E-06	3.58E-06	6.83E-08	1.65E-06	6.68E-08	1.79E-06
3633	482863.09, 3850877.25	2.79E-06	8.42E-06	4.87E-06	9.31E-08	2.25E-06	9.10E-08	2.43E-06	1.69E-06	5.11E-06	2.96E-06	5.65E-08	1.36E-06	5.52E-08	1.48E-06
3634	483363.09, 3850877.25	2.28E-06	6.89E-06	3.99E-06	7.62E-08	1.84E-06	7.45E-08	1.99E-06	1.39E-06	4.18E-06	2.42E-06	4.63E-08	1.12E-06	4.52E-08	1.21E-06
3635	483863.09, 3850877.25	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06	1.28E-06	3.86E-06	2.23E-06	4.27E-08	1.03E-06	4.17E-08	1.11E-06
3636	484363.09, 3850877.25	2.14E-06	6.46E-06	3.74E-06	7.14E-08	1.73E-06	6.98E-08	1.87E-06	1.29E-06	3.88E-06	2.25E-06	4.30E-08	1.04E-06	4.20E-08	1.12E-06
3637	484863.09, 3850877.25	2.06E-06	6.22E-06	3.60E-06	6.88E-08	1.66E-06	6.72E-08	1.80E-06	1.23E-06	3.72E-06	2.15E-06	4.11E-08	9.94E-07	4.02E-08	1.07E-06
3638	485363.09, 3850877.25	2.02E-06	6.09E-06	3.53E-06	6.74E-08	1.63E-06	6.58E-08	1.76E-06	1.20E-06	3.62E-06	2.10E-06	4.01E-08	9.68E-07	3.92E-08	1.05E-06
3639	485863.09, 3850877.25	1.87E-06	5.64E-06	3.27E-06	6.24E-08	1.51E-06	6.10E-08	1.63E-06	1.11E-06	3.34E-06	1.93E-06	3.69E-08	8.92E-07	3.61E-08	9.65E-07
3640	486363.09, 3850877.25	1.85E-06	5.59E-06	3.23E-06	6.18E-08	1.49E-06	6.04E-08	1.61E-06	1.09E-06	3.29E-06	1.91E-06	3.64E-08	8.80E-07	3.56E-08	9.52E-07
3641	486863.09, 3850877.25	1.78E-06	5.37E-06	3.11E-06	5.94E-08	1.44E-06	5.81E-08	1.55E-06	1.05E-06	3.16E-06	1.83E-06	3.49E-08	8.43E-07	3.41E-08	9.12E-07
3642	487363.09, 3850877.25	1.69E-06	5.12E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06	9.92E-07	2.99E-06	1.73E-06	3.31E-08	8.00E-07	3.24E-08	8.66E-07
3643	487863.09, 3850877.25	1.65E-06	4.98E-06	2.88E-06	5.51E-08	1.33E-06	5.38E-08	1.44E-06	9.62E-07	2.91E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.40E-07
3644	488363.09, 3850877.25	1.64E-06	4.95E-06	2.87E-06	5.48E-08	1.32E-06	5.35E-08	1.43E-06	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.67E-07	3.10E-08	8.29E-07
3645	488863.09, 3850877.25	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06	9.33E-07	2.82E-06	1.63E-06	3.12E-08	7.53E-07	3.05E-08	8.14E-07
3646	489363.09, 3850877.25	1.61E-06	4.86E-06	2.81E-06	5.38E-08	1.30E-06	5.25E-08	1.40E-06	9.21E-07	2.78E-06	1.61E-06	3.08E-08	7.43E-07	3.01E-08	8.04E-07
3647	489863.09, 3850877.25	1.59E-06	4.81E-06	2.78E-06	5.31E-08	1.28E-06	5.19E-08	1.39E-06	9.05E-07	2.73E-06	1.58E-06	3.02E-08	7.30E-07	2.95E-08	7.90E-07
3648	490363.09, 3850877.25	1.58E-06	4.77E-06	2.76E-06	5.28E-08	1.27E-06	5.16E-08	1.38E-06	8.94E-07	2.70E-06	1.56E-06	2.99E-08	7.21E-07	2.92E-08	7.80E-07
3649	490863.09, 3850877.25	1.56E-06	4.72E-06	2.73E-06	5.22E-08	1.26E-06	5.10E-08	1.36E-06	8.80E-07	2.66E-06	1.54E-06	2.94E-08	7.10E-07	2.87E-08	7.68E-07
3650	491363.09, 3850877.25	1.53E-06	4.61E-06	2.67E-06	5.10E-08	1.23E-06	4.98E-08	1.33E-06	8.56E-07	2.58E-06	1.50E-06	2.86E-08	6.90E-07	2.79E-08	7.47E-07
3651	491863.09, 3850877.25	1.49E-06	4.50E-06	2.60E-06	4.97E-08	1.20E-06	4.86E-08	1.30E-06	8.30E-07	2.51E-06	1.45E-06	2.77E-08	6.70E-07	2.71E-08	7.25E-07
3652	492363.09, 3850877.25	1.46E-06	4.42E-06	2.56E-06	4.89E-08	1.18E-06	4.78E-08	1.28E-06	8.11E-07	2.45E-06	1.42E-06	2.71E-08	6.54E-07	2.65E-08	7.08E-07
3653	492863.09, 3850877.25	1.44E-06	4.35E-06	2.52E-06	4.81E-08	1.16E-06	4.70E-08	1.26E-06	7.96E-07	2.40E-06	1.39E-06	2.66E-08	6.42E-07	2.60E-08	6.95E-07
3654	493363.09, 3850877.25	1.45E-06	4.36E-06	2.53E-06	4.83E-08	1.17E-06	4.72E-08	1.26E-06	7.95E-07	2.40E-06	1.39E-06	2.65E-08	6.41E-07	2.59E-08	6.94E-07

3655	493863.09, 3850877.25	1.50E-06	4.54E-06	2.63E-06	5.02E-08	1.21E-06	4.91E-08	1.31E-06	8.24E-07	2.49E-06	1.44E-06	2.75E-08	6.65E-07	2.69E-08	7.19E-07
3656	494363.09, 3850877.25	1.54E-06	4.65E-06	2.69E-06	5.14E-08	1.24E-06	5.03E-08	1.34E-06	8.40E-07	2.54E-06	1.47E-06	2.81E-08	6.78E-07	2.74E-08	7.33E-07
3657	494863.09, 3850877.25	1.62E-06	4.89E-06	2.83E-06	5.40E-08	1.31E-06	5.28E-08	1.41E-06	8.80E-07	2.66E-06	1.54E-06	2.94E-08	7.09E-07	2.87E-08	7.68E-07
3658	495363.09, 3850877.25	1.69E-06	5.10E-06	2.95E-06	5.64E-08	1.36E-06	5.51E-08	1.47E-06	9.15E-07	2.76E-06	1.60E-06	3.06E-08	7.38E-07	2.99E-08	7.99E-07
3659	495863.09, 3850877.25	1.70E-06	5.15E-06	2.98E-06	5.69E-08	1.37E-06	5.56E-08	1.49E-06	9.21E-07	2.78E-06	1.61E-06	3.08E-08	7.43E-07	3.01E-08	8.04E-07
3660	496363.09, 3850877.25	1.74E-06	5.26E-06	3.05E-06	5.82E-08	1.41E-06	5.68E-08	1.52E-06	9.39E-07	2.84E-06	1.64E-06	3.14E-08	7.58E-07	3.07E-08	8.20E-07
3661	496863.09, 3850877.25	1.80E-06	5.44E-06	3.15E-06	6.02E-08	1.45E-06	5.88E-08	1.57E-06	9.70E-07	2.93E-06	1.69E-06	3.24E-08	7.82E-07	3.16E-08	8.46E-07
3662	497363.09, 3850877.25	1.80E-06	5.45E-06	3.15E-06	6.02E-08	1.45E-06	5.89E-08	1.57E-06	9.68E-07	2.92E-06	1.69E-06	3.23E-08	7.81E-07	3.16E-08	8.45E-07
3663	497863.09, 3850877.25	1.78E-06	5.38E-06	3.11E-06	5.95E-08	1.44E-06	5.81E-08	1.55E-06	9.55E-07	2.88E-06	1.67E-06	3.19E-08	7.70E-07	3.11E-08	8.33E-07
3664	498363.09, 3850877.25	1.76E-06	5.32E-06	3.08E-06	5.88E-08	1.42E-06	5.75E-08	1.54E-06	9.43E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.23E-07
3665	471363.09, 3851377.25	9.43E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.23E-07	5.26E-07	1.59E-06	9.20E-07	1.76E-08	4.25E-07	1.72E-08	4.59E-07
3666	471863.09, 3851377.25	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.75E-07	5.66E-07	1.71E-06	9.90E-07	1.89E-08	4.57E-07	1.85E-08	4.94E-07
3667	472363.09, 3851377.25	1.03E-06	3.10E-06	1.80E-06	3.43E-08	8.28E-07	3.35E-08	8.96E-07	5.81E-07	1.75E-06	1.02E-06	1.94E-08	4.69E-07	1.90E-08	5.07E-07
3668	472863.09, 3851377.25	1.05E-06	3.17E-06	1.83E-06	3.50E-08	8.46E-07	3.42E-08	9.15E-07	5.95E-07	1.80E-06	1.04E-06	1.99E-08	4.80E-07	1.94E-08	5.19E-07
3669	473363.09, 3851377.25	1.05E-06	3.16E-06	1.83E-06	3.50E-08	8.45E-07	3.42E-08	9.14E-07	5.91E-07	1.79E-06	1.03E-06	1.97E-08	4.77E-07	1.93E-08	5.16E-07
3670	473863.09, 3851377.25	1.09E-06	3.30E-06	1.91E-06	3.64E-08	8.80E-07	3.56E-08	9.53E-07	6.18E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07
3671	474363.09, 3851377.25	1.17E-06	3.52E-06	2.04E-06	3.90E-08	9.41E-07	3.81E-08	1.02E-06	6.72E-07	2.03E-06	1.17E-06	2.24E-08	5.42E-07	2.19E-08	5.86E-07
3672	474863.09, 3851377.25	1.23E-06	3.72E-06	2.16E-06	4.12E-08	9.95E-07	4.02E-08	1.08E-06	7.19E-07	2.17E-06	1.26E-06	2.40E-08	5.80E-07	2.35E-08	6.27E-07
3673	475363.09, 3851377.25	1.28E-06	3.88E-06	2.24E-06	4.29E-08	1.04E-06	4.19E-08	1.12E-06	7.55E-07	2.28E-06	1.32E-06	2.52E-08	6.09E-07	2.46E-08	6.59E-07
3674	475863.09, 3851377.25	1.34E-06	4.05E-06	2.35E-06	4.48E-08	1.08E-06	4.38E-08	1.17E-06	7.95E-07	2.40E-06	1.39E-06	2.65E-08	6.41E-07	2.59E-08	6.94E-07
3675	476363.09, 3851377.25	1.44E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06	8.53E-07	2.58E-06	1.49E-06	2.85E-08	6.88E-07	2.78E-08	7.44E-07
3676	476863.09, 3851377.25	1.53E-06	4.61E-06	2.67E-06	5.10E-08	1.23E-06	4.98E-08	1.33E-06	9.13E-07	2.76E-06	1.60E-06	3.05E-08	7.37E-07	2.98E-08	7.97E-07
3677	477363.09, 3851377.25	1.60E-06	4.84E-06	2.80E-06	5.35E-08	1.29E-06	5.23E-08	1.40E-06	9.67E-07	2.92E-06	1.69E-06	3.23E-08	7.80E-07	3.16E-08	8.44E-07
3678	477863.09, 3851377.25	1.72E-06	5.18E-06	3.00E-06	5.73E-08	1.38E-06	5.60E-08	1.50E-06	1.05E-06	3.16E-06	1.83E-06	3.49E-08	8.44E-07	3.41E-08	9.13E-07
3679	478363.09, 3851377.25	1.87E-06	5.65E-06	3.27E-06	6.25E-08	1.51E-06	6.10E-08	1.63E-06	1.15E-06	3.48E-06	2.02E-06	3.85E-08	9.31E-07	3.76E-08	1.01E-06
3680	478863.09, 3851377.25	2.09E-06	6.31E-06	3.65E-06	6.98E-08	1.68E-06	6.82E-08	1.82E-06	1.31E-06	3.96E-06	2.29E-06	4.38E-08	1.06E-06	4.28E-08	1.14E-06
3681	479363.09, 3851377.25	2.43E-06	7.32E-06	4.24E-06	8.10E-08	1.96E-06	7.92E-08	2.12E-06	1.56E-06	4.72E-06	2.73E-06	5.22E-08	1.26E-06	5.10E-08	1.36E-06
3682	479863.09, 3851377.25	3.16E-06	9.54E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	2.10E-06	6.33E-06	3.66E-06	7.00E-08	1.69E-06	6.84E-08	1.83E-06
3683	480363.09, 3851377.25	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06	4.08E-06	1.23E-05	7.13E-06	1.36E-07	3.29E-06	1.33E-07	3.56E-06
3684	480863.09, 3851377.25	4.56E-05	1.38E-04	7.98E-05	1.52E-06	3.68E-05	1.49E-06	3.98E-05	3.29E-05	9.94E-05	5.75E-05	1.10E-06	2.65E-05	1.07E-06	2.87E-05
3685	481363.09, 3851377.25	1.05E-05	3.17E-05	1.84E-05	3.51E-07	8.48E-06	3.43E-07	9.17E-06	7.07E-06	2.14E-05	1.24E-05	2.36E-07	5.70E-06	2.31E-07	6.17E-06
3686	481863.09, 3851377.25	5.96E-06	1.80E-05	1.04E-05	1.99E-07	4.81E-06	1.95E-07	5.20E-06	3.85E-06	1.16E-05	6.73E-06	1.28E-07	3.10E-06	1.26E-07	3.36E-06
3687	482363.09, 3851377.25	4.49E-06	1.35E-05	7.84E-06	1.50E-07	3.62E-06	1.46E-07	3.91E-06	2.80E-06	8.46E-06	4.90E-06	9.35E-08	2.26E-06	9.14E-08	2.44E-06
3688	482863.09, 3851377.25	3.49E-06	1.06E-05	6.11E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.72E-06	6.94E-08	1.86E-06
3689	483363.09, 3851377.25	2.77E-06	8.37E-06	4.85E-06	9.26E-08	2.24E-06	9.05E-08	2.42E-06	1.68E-06	5.06E-06	2.93E-06	5.59E-08	1.35E-06	5.47E-08	1.46E-06
3690	483863.09, 3851377.25	2.43E-06	7.35E-06	4.25E-06	8.13E-08	1.96E-06	7.94E-08	2.12E-06	1.46E-06	4.42E-06	2.56E-06	4.88E-08	1.18E-06	4.77E-08	1.28E-06
3691	484363.09, 3851377.25	2.48E-06	7.49E-06	4.34E-06	8.28E-08	2.00E-06	8.09E-08	2.16E-06	1.48E-06	4.48E-06	2.59E-06	4.95E-08	1.20E-06	4.84E-08	1.29E-06
3692	484863.09, 3851377.25	2.16E-06	6.52E-06	3.77E-06	7.21E-08	1.74E-06	7.04E-08	1.88E-06	1.28E-06	3.87E-06	2.24E-06	4.28E-08	1.03E-06	4.18E-08	1.12E-06
3693	485363.09, 3851377.25	2.27E-06	6.86E-06	3.97E-06	7.59E-08	1.83E-06	7.41E-08	1.98E-06	1.34E-06	4.05E-06	2.34E-06	4.47E-08	1.08E-06	4.37E-08	1.17E-06
3694	485863.09, 3851377.25	2.12E-06	6.41E-06	3.71E-06	7.09E-08	1.71E-06	6.93E-08	1.85E-06	1.24E-06	3.75E-06	2.17E-06	4.15E-08	1.00E-06	4.05E-08	1.08E-06
3695	486363.09, 3851377.25	2.13E-06	6.44E-06	3.73E-06	7.12E-08	1.72E-06	6.96E-08	1.86E-06	1.24E-06	3.74E-06	2.17E-06	4.14E-08	1.00E-06	4.04E-08	1.08E-06
3696	486863.09, 3851377.25	2.04E-06	6.15E-06	3.56E-06	6.80E-08	1.64E-06	6.64E-08	1.78E-06	1.18E-06	3.56E-06	2.06E-06	3.93E-08	9.50E-07	3.84E-08	1.03E-06
3697	487363.09, 3851377.25	1.87E-06	5.64E-06	3.27E-06	6.24E-08	1.51E-06	6.10E-08	1.63E-06	1.08E-06	3.26E-06	1.88E-06	3.60E-08	8.70E-07	3.52E-08	9.41E-07
3698	487863.09, 3851377.25	1.89E-06	5.72E-06	3.31E-06	6.33E-08	1.53E-06	6.18E-08	1.65E-06	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.76E-07	3.55E-08	9.48E-07
3699	488363.09, 3851377.25	1.90E-06	5.72E-06	3.31E-06	6.33E-08	1.53E-06	6.18E-08	1.65E-06	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.71E-07	3.52E-08	9.42E-07
3700	488863.09, 3851377.25	1.88E-06	5.69E-06	3.29E-06	6.29E-08	1.52E-06	6.15E-08	1.64E-06	1.07E-06	3.22E-06	1.86E-06	3.56E-08	8.60E-07	3.48E-08	9.30E-07
3701	489363.09, 3851377.25	1.87E-06	5.64E-06	3.26E-06	6.23E-08	1.51E-06	6.09E-08	1.63E-06	1.05E-06	3.17E-06	1.84E-06	3.51E-08	8.48E-07	3.43E-08	9.17E-07
3702	489863.09, 3851377.25	1.84E-06	5.57E-06	3.22E-06	6.16E-08	1.49E-06	6.01E-08	1.61E-06	1.03E-06	3.12E-06	1.80E-06	3.45E-08	8.33E-07	3.37E-08	9.01E-07
3703	490363.09, 3851377.25	1.83E-06	5.53E-06	3.20E-06	6.11E-08	1.48E-06	5.97E-08	1.60E-06	1.02E-06	3.08E-06	1.78E-06	3.41E-08	8.23E-07	3.33E-08	8.90E-07
3704	490863.09, 3851377.25	1.81E-06	5.46E-06	3.16E-06	6.04E-08	1.46E-06	5.90E-08	1.58E-06	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.75E-07
3705	491363.09, 3851377.25	1.77E-06	5.33E-06	3.09E-06	5.90E-08	1.43E-06	5.77E-08	1.54E-06	9.76E-07	2.95E-06	1.71E-06	3.26E-08	7.87E-07	3.18E-08	8.51E-07
3706	491863.09, 3851377.25	1.73E-06	5.23E-06	3.03E-06	5.78E-08	1.40E-06	5.65E-08	1.51E-06	9.52E-07	2.88E-06	1.66E-06	3.18E-08	7.68E-07	3.11E-08	8.31E-07
3707	492363.09, 3851377.25	1.72E-06	5.20E-06	3.01E-06	5.76E-08	1.39E-06	5.63E-08	1.50E-06	9.44E-07	2.85E-06	1.65E-06	3.15E-08	7.61E-07	3.08E-08	8.24E-07
3708	492863.09, 3851377.25	1.71E-06	5.15E-06	2.98E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06	9.30E-07	2.81E-06	1.63E-06	3.11E-08	7.50E-07	3.03E-08	8.11E-07
3709	493363.09, 3851377.25	1.61E-06	4.86E-06	2.81E-06	5.37E-08	1.30E-06	5.25E-08	1.40E-06	8.75E-07	2.64E-06	1.53E-06	2.92E-08	7.06E-07	2.86E-08	7.64E-07
3710	493863.09, 3851377.25	1.67E-06	5.05E-06	2.92E-06	5.59E-08	1.35E-06	5.46E-08	1.46E-06	9.07E-07	2.74E-06	1.58E-06	3.03E-08	7.31E-07	2.96E-08	7.91E-07
3711	494363.09, 3851377.25	1.82E-06	5.49E-06	3.18E-06	6.08E-08	1.47E-06	5.94E-08	1.59E-06	9.83E-07	2.97E-06	1.72E-06	3.28E-08	7.93E-07	3.21E-08	8.58E-07
3712	494863.09, 3851377.25	1.85E-06	5.59E-06	3.23E-06	6.18E-08	1.49E-06	6.04E-08	1.61E-06	9.96E-07	3.01E-06	1.74E-06	3.33E-08	8.04E-07	3.25E-08	8.69E-07
3713	495363.09, 3851377.25	1.99E-06	6.00E-06	3.47E-06	6.63E-08	1.60E-06	6.48E-08	1.73E-06	1.07E-06	3.22E-06	1.86E-06	3.56E-08	8.59E-07	3.48E-08	9.30E-07
3714	495863.09, 3851377.25	2.03E-06	6.12E-06	3.54E-06	6.77E-08	1.64E-06	6.62E-08	1.77E-06	1.09E-06	3.28E-06	1.90E-06	3.62E-08	8.75E-07	3.54E-08	9.47E-07
3715	496363.09, 3851377.25	2.05E-06	6.17E-06	3.57E-06	6.83E-08	1.65E-06	6.67E-08	1.78E-06	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.81E-07	3.56E-08	9.53E-07
3716	496863.09, 3851377.25	2.04E-06	6.17E-06	3.57E-06	6.82E-08	1.65E-06	6.67E-08	1.78E-06	1.09E-06	3.29E-06	1.90E-06	3.64E-08	8.79E-07	3.56E-08	9.51E-07

3717	497363.09, 3851377.25	2.03E-06	6.12E-06	3.54E-06	6.76E-08	1.63E-06	6.61E-08	1.77E-06	1.08E-06	3.26E-06	1.89E-06	3.60E-08	8.70E-07	3.52E-08	9.42E-07
3718	497863.09, 3851377.25	1.99E-06	6.02E-06	3.48E-06	6.65E-08	1.61E-06	6.50E-08	1.74E-06	1.06E-06	3.20E-06	1.85E-06	3.54E-08	8.56E-07	3.46E-08	9.26E-07
3719	498363.09, 3851377.25	1.94E-06	5.85E-06	3.39E-06	6.47E-08	1.56E-06	6.33E-08	1.69E-06	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.31E-07	3.36E-08	8.99E-07
3720	471363.09, 3851877.25	9.92E-07	3.00E-06	1.73E-06	3.31E-08	8.00E-07	3.24E-08	8.66E-07	5.49E-07	1.66E-06	9.60E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
3721	471863.09, 3851877.25	1.01E-06	3.04E-06	1.76E-06	3.36E-08	8.13E-07	3.29E-08	8.79E-07	5.57E-07	1.68E-06	9.73E-07	1.86E-08	4.49E-07	1.82E-08	4.86E-07
3722	472363.09, 3851877.25	1.05E-06	3.16E-06	1.83E-06	3.50E-08	8.45E-07	3.42E-08	9.15E-07	5.83E-07	1.76E-06	1.02E-06	1.95E-08	4.70E-07	1.90E-08	5.08E-07
3723	472863.09, 3851877.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.77E-07	3.55E-08	9.49E-07	6.08E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07
3724	473363.09, 3851877.25	1.10E-06	3.32E-06	1.92E-06	3.67E-08	8.86E-07	3.58E-08	9.58E-07	6.10E-07	1.84E-06	1.07E-06	2.04E-08	4.92E-07	1.99E-08	5.33E-07
3725	473863.09, 3851877.25	1.12E-06	3.38E-06	1.96E-06	3.74E-08	9.04E-07	3.66E-08	9.78E-07	6.23E-07	1.88E-06	1.09E-06	2.08E-08	5.03E-07	2.03E-08	5.44E-07
3726	474363.09, 3851877.25	1.18E-06	3.56E-06	2.06E-06	3.94E-08	9.52E-07	3.85E-08	1.03E-06	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.78E-07
3727	474863.09, 3851877.25	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.01E-06	4.07E-08	1.09E-06	7.07E-07	2.14E-06	1.24E-06	2.36E-08	5.71E-07	2.31E-08	6.17E-07
3728	475363.09, 3851877.25	1.30E-06	3.94E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	7.44E-07	2.25E-06	1.30E-06	2.49E-08	6.00E-07	2.43E-08	6.49E-07
3729	475863.09, 3851877.25	1.37E-06	4.13E-06	2.39E-06	4.57E-08	1.10E-06	4.47E-08	1.19E-06	7.86E-07	2.37E-06	1.37E-06	2.63E-08	6.34E-07	2.57E-08	6.86E-07
3730	476363.09, 3851877.25	1.44E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06	8.24E-07	2.49E-06	1.44E-06	2.75E-08	6.64E-07	2.69E-08	7.19E-07
3731	476863.09, 3851877.25	1.51E-06	4.55E-06	2.64E-06	5.04E-08	1.22E-06	4.92E-08	1.32E-06	8.72E-07	2.63E-06	1.52E-06	2.91E-08	7.03E-07	2.85E-08	7.61E-07
3732	477363.09, 3851877.25	1.58E-06	4.78E-06	2.76E-06	5.28E-08	1.28E-06	5.16E-08	1.38E-06	9.21E-07	2.78E-06	1.61E-06	3.08E-08	7.43E-07	3.01E-08	8.04E-07
3733	477863.09, 3851877.25	1.66E-06	5.02E-06	2.91E-06	5.55E-08	1.34E-06	5.43E-08	1.45E-06	9.76E-07	2.95E-06	1.71E-06	3.26E-08	7.87E-07	3.18E-08	8.51E-07
3734	478363.09, 3851877.25	1.76E-06	5.31E-06	3.07E-06	5.87E-08	1.42E-06	5.74E-08	1.53E-06	1.04E-06	3.13E-06	1.81E-06	3.46E-08	8.36E-07	3.38E-08	9.05E-07
3735	478863.09, 3851877.25	1.85E-06	5.58E-06	3.23E-06	6.18E-08	1.49E-06	6.03E-08	1.61E-06	1.11E-06	3.34E-06	1.94E-06	3.70E-08	8.93E-07	3.61E-08	9.66E-07
3736	479363.09, 3851877.25	1.97E-06	5.94E-06	3.44E-06	6.56E-08	1.59E-06	6.41E-08	1.72E-06	1.20E-06	3.63E-06	2.10E-06	4.01E-08	9.69E-07	3.92E-08	1.05E-06
3737	479863.09, 3851877.25	2.17E-06	6.56E-06	3.80E-06	7.26E-08	1.75E-06	7.09E-08	1.90E-06	1.36E-06	4.09E-06	2.37E-06	4.53E-08	1.09E-06	4.42E-08	1.18E-06
3738	480363.09, 3851877.25	2.58E-06	7.78E-06	4.50E-06	8.60E-08	2.08E-06	8.40E-08	2.25E-06	1.64E-06	4.96E-06	2.87E-06	5.48E-08	1.32E-06	5.36E-08	1.43E-06
3739	480863.09, 3851877.25	3.44E-06	1.04E-05	6.01E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06	2.28E-06	6.89E-06	3.99E-06	7.62E-08	1.84E-06	7.44E-08	1.99E-06
3740	481363.09, 3851877.25	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.19E-06	3.72E-07	9.94E-06	8.28E-06	2.50E-05	1.45E-05	2.76E-07	6.68E-06	2.70E-07	7.22E-06
3741	481863.09, 3851877.25	9.01E-06	2.72E-05	1.57E-05	3.01E-07	7.26E-06	2.94E-07	7.86E-06	6.27E-06	1.89E-05	1.10E-05	2.09E-07	5.06E-06	2.05E-07	5.47E-06
3742	482363.09, 3851877.25	5.26E-06	1.59E-05	9.20E-06	1.76E-07	4.24E-06	1.72E-07	4.59E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
3743	482863.09, 3851877.25	3.81E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.24E-07	3.33E-06	2.32E-06	7.00E-06	4.05E-06	7.75E-08	1.87E-06	7.57E-08	2.02E-06
3744	483363.09, 3851877.25	3.32E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06	2.00E-06	6.05E-06	3.50E-06	6.69E-08	1.62E-06	6.54E-08	1.75E-06
3745	483863.09, 3851877.25	2.95E-06	8.92E-06	5.16E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06	1.76E-06	5.32E-06	3.08E-06	5.88E-08	1.42E-06	5.75E-08	1.54E-06
3746	484363.09, 3851877.25	2.83E-06	8.55E-06	4.95E-06	9.46E-08	2.28E-06	9.24E-08	2.47E-06	1.68E-06	5.07E-06	2.94E-06	5.61E-08	1.35E-06	5.48E-08	1.47E-06
3747	484863.09, 3851877.25	2.65E-06	7.99E-06	4.63E-06	8.84E-08	2.13E-06	8.64E-08	2.31E-06	1.55E-06	4.69E-06	2.71E-06	5.19E-08	1.25E-06	5.07E-08	1.36E-06
3748	485363.09, 3851877.25	2.59E-06	7.82E-06	4.53E-06	8.65E-08	2.09E-06	8.45E-08	2.26E-06	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.22E-06	4.92E-08	1.31E-06
3749	485863.09, 3851877.25	2.55E-06	7.70E-06	4.46E-06	8.52E-08	2.06E-06	8.32E-08	2.23E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06
3750	486363.09, 3851877.25	2.44E-06	7.36E-06	4.26E-06	8.14E-08	1.97E-06	7.95E-08	2.13E-06	1.39E-06	4.20E-06	2.43E-06	4.65E-08	1.12E-06	4.54E-08	1.21E-06
3751	486863.09, 3851877.25	2.36E-06	7.11E-06	4.12E-06	7.87E-08	1.90E-06	7.69E-08	2.06E-06	1.34E-06	4.05E-06	2.34E-06	4.47E-08	1.08E-06	4.37E-08	1.17E-06
3752	487363.09, 3851877.25	2.28E-06	6.88E-06	3.98E-06	7.61E-08	1.84E-06	7.43E-08	1.99E-06	1.29E-06	3.89E-06	2.25E-06	4.31E-08	1.04E-06	4.21E-08	1.13E-06
3753	487863.09, 3851877.25	2.14E-06	6.47E-06	3.74E-06	7.15E-08	1.73E-06	6.99E-08	1.87E-06	1.21E-06	3.64E-06	2.11E-06	4.03E-08	9.73E-07	3.94E-08	1.05E-06
3754	488363.09, 3851877.25	2.14E-06	6.46E-06	3.74E-06	7.15E-08	1.73E-06	6.98E-08	1.87E-06	1.20E-06	3.62E-06	2.09E-06	4.00E-08	9.66E-07	3.91E-08	1.05E-06
3755	488863.09, 3851877.25	2.08E-06	6.27E-06	3.63E-06	6.93E-08	1.68E-06	6.78E-08	1.81E-06	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.33E-07	3.77E-08	1.01E-06
3756	489363.09, 3851877.25	2.03E-06	6.12E-06	3.54E-06	6.77E-08	1.64E-06	6.61E-08	1.77E-06	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.06E-07	3.67E-08	9.80E-07
3757	489863.09, 3851877.25	2.00E-06	6.05E-06	3.50E-06	6.69E-08	1.62E-06	6.54E-08	1.75E-06	1.11E-06	3.34E-06	1.93E-06	3.69E-08	8.91E-07	3.61E-08	9.64E-07
3758	490363.09, 3851877.25	2.01E-06	6.08E-06	3.52E-06	6.72E-08	1.62E-06	6.57E-08	1.76E-06	1.10E-06	3.33E-06	1.93E-06	3.69E-08	8.91E-07	3.60E-08	9.64E-07
3759	490863.09, 3851877.25	2.04E-06	6.16E-06	3.56E-06	6.81E-08	1.64E-06	6.65E-08	1.78E-06	1.11E-06	3.36E-06	1.95E-06	3.72E-08	8.98E-07	3.63E-08	9.71E-07
3760	491363.09, 3851877.25	2.07E-06	6.24E-06	3.61E-06	6.90E-08	1.67E-06	6.74E-08	1.80E-06	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.07E-07	3.67E-08	9.81E-07
3761	491863.09, 3851877.25	2.08E-06	6.28E-06	3.64E-06	6.95E-08	1.68E-06	6.79E-08	1.82E-06	1.13E-06	3.41E-06	1.97E-06	3.77E-08	9.10E-07	3.68E-08	9.84E-07
3762	492363.09, 3851877.25	2.04E-06	6.16E-06	3.56E-06	6.81E-08	1.64E-06	6.65E-08	1.78E-06	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.89E-07	3.59E-08	9.61E-07
3763	492863.09, 3851877.25	1.89E-06	5.72E-06	3.31E-06	6.33E-08	1.53E-06	6.18E-08	1.65E-06	1.02E-06	3.08E-06	1.78E-06	3.41E-08	8.23E-07	3.33E-08	8.91E-07
3764	493363.09, 3851877.25	2.06E-06	6.21E-06	3.60E-06	6.87E-08	1.66E-06	6.71E-08	1.80E-06	1.11E-06	3.34E-06	1.93E-06	3.69E-08	8.91E-07	3.61E-08	9.64E-07
3765	493863.09, 3851877.25	2.24E-06	6.76E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06	1.20E-06	3.62E-06	2.09E-06	4.00E-08	9.66E-07	3.91E-08	1.05E-06
3766	494363.09, 3851877.25	2.19E-06	6.61E-06	3.83E-06	7.32E-08	1.77E-06	7.15E-08	1.91E-06	1.17E-06	3.53E-06	2.05E-06	3.91E-08	9.44E-07	3.82E-08	1.02E-06
3767	494863.09, 3851877.25	2.30E-06	6.94E-06	4.02E-06	7.68E-08	1.85E-06	7.50E-08	2.01E-06	1.22E-06	3.70E-06	2.14E-06	4.09E-08	9.87E-07	3.99E-08	1.07E-06
3768	495363.09, 3851877.25	2.36E-06	7.12E-06	4.12E-06	7.87E-08	1.90E-06	7.69E-08	2.06E-06	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.09E-08	1.09E-06
3769	495863.09, 3851877.25	2.38E-06	7.18E-06	4.16E-06	7.94E-08	1.92E-06	7.76E-08	2.08E-06	1.26E-06	3.81E-06	2.21E-06	4.21E-08	1.02E-06	4.12E-08	1.10E-06
3770	496363.09, 3851877.25	2.35E-06	7.10E-06	4.11E-06	7.85E-08	1.90E-06	7.67E-08	2.05E-06	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.01E-06	4.07E-08	1.09E-06
3771	496863.09, 3851877.25	2.31E-06	6.99E-06	4.05E-06	7.73E-08	1.87E-06	7.55E-08	2.02E-06	1.23E-06	3.70E-06	2.14E-06	4.09E-08	9.88E-07	4.00E-08	1.07E-06
3772	497363.09, 3851877.25	2.27E-06	6.84E-06	3.96E-06	7.57E-08	1.83E-06	7.40E-08	1.98E-06	1.20E-06	3.62E-06	2.10E-06	4.00E-08	9.67E-07	3.91E-08	1.05E-06
3773	497863.09, 3851877.25	2.17E-06	6.56E-06	3.80E-06	7.26E-08	1.75E-06	7.09E-08	1.90E-06	1.15E-06	3.47E-06	2.01E-06	3.84E-08	9.27E-07	3.75E-08	1.00E-06
3774	498363.09, 3851877.25	2.10E-06	6.33E-06	3.66E-06	7.00E-08	1.69E-06	6.84E-08	1.83E-06	1.11E-06	3.34E-06	1.94E-06	3.70E-08	8.93E-07	3.61E-08	9.67E-07
3775	471363.09, 3852377.25	9.91E-07	2.99E-06	1.73E-06	3.31E-08	7.99E-07	3.23E-08	8.65E-07	5.41E-07	1.63E-06	9.45E-07	1.80E-08	4.36E-07	1.76E-08	4.72E-07
3776	471863.09, 3852377.25	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.38E-07	3.39E-08	9.07E-07	5.69E-07	1.72E-06	9.94E-07	1.90E-08	4.59E-07	1.86E-08	4.96E-07
3777	472363.09, 3852377.25	1.08E-06	3.25E-06	1.88E-06	3.59E-08	8.67E-07	3.51E-08	9.38E-07	5.90E-07	1.78E-06	1.03E-06	1.97E-08	4.76E-07	1.93E-08	5.15E-07
3778	472863.09, 3852377.25	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.96E-07	3.62E-08	9.69E-07	6.11E-07	1.84E-06	1.07E-06	2.04E-08	4.93E-07	1.99E-08	5.33E-07

3779	473363.09, 3852377.25	1.14E-06	3.46E-06	2.00E-06	3.82E-08	9.24E-07	3.74E-08	9.99E-07	6.30E-07	1.90E-06	1.10E-06	2.11E-08	5.09E-07	2.06E-08	5.50E-07
3780	473863.09, 3852377.25	1.18E-06	3.55E-06	2.06E-06	3.93E-08	9.49E-07	3.84E-08	1.03E-06	6.47E-07	1.95E-06	1.13E-06	2.16E-08	5.22E-07	2.11E-08	5.65E-07
3781	474363.09, 3852377.25	1.20E-06	3.64E-06	2.10E-06	4.02E-08	9.71E-07	3.93E-08	1.05E-06	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.78E-07
3782	474863.09, 3852377.25	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.21E-08	1.12E-06	7.18E-07	2.17E-06	1.25E-06	2.40E-08	5.79E-07	2.34E-08	6.26E-07
3783	475363.09, 3852377.25	1.33E-06	4.03E-06	2.33E-06	4.46E-08	1.08E-06	4.35E-08	1.16E-06	7.43E-07	2.24E-06	1.30E-06	2.48E-08	5.99E-07	2.43E-08	6.49E-07
3784	475863.09, 3852377.25	1.38E-06	4.17E-06	2.41E-06	4.61E-08	1.11E-06	4.50E-08	1.20E-06	7.69E-07	2.32E-06	1.34E-06	2.57E-08	6.21E-07	2.51E-08	6.71E-07
3785	476363.09, 3852377.25	1.43E-06	4.31E-06	2.50E-06	4.77E-08	1.15E-06	4.66E-08	1.25E-06	7.96E-07	2.40E-06	1.39E-06	2.66E-08	6.42E-07	2.60E-08	6.95E-07
3786	476863.09, 3852377.25	1.50E-06	4.52E-06	2.62E-06	5.00E-08	1.21E-06	4.89E-08	1.31E-06	8.39E-07	2.53E-06	1.47E-06	2.80E-08	6.77E-07	2.74E-08	7.32E-07
3787	477363.09, 3852377.25	1.56E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06	8.77E-07	2.65E-06	1.53E-06	2.93E-08	7.07E-07	2.86E-08	7.65E-07
3788	477863.09, 3852377.25	1.58E-06	4.77E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06	8.77E-07	2.65E-06	1.53E-06	2.93E-08	7.08E-07	2.86E-08	7.66E-07
3789	478363.09, 3852377.25	1.60E-06	4.82E-06	2.79E-06	5.33E-08	1.29E-06	5.21E-08	1.39E-06	8.84E-07	2.67E-06	1.55E-06	2.95E-08	7.13E-07	2.88E-08	7.71E-07
3790	478863.09, 3852377.25	1.75E-06	5.29E-06	3.07E-06	5.86E-08	1.41E-06	5.72E-08	1.53E-06	9.85E-07	2.97E-06	1.72E-06	3.29E-08	7.94E-07	3.21E-08	8.59E-07
3791	479363.09, 3852377.25	1.88E-06	5.68E-06	3.29E-06	6.28E-08	1.52E-06	6.14E-08	1.64E-06	1.07E-06	3.22E-06	1.87E-06	3.57E-08	8.61E-07	3.48E-08	9.32E-07
3792	479863.09, 3852377.25	2.02E-06	6.11E-06	3.54E-06	6.76E-08	1.63E-06	6.61E-08	1.77E-06	1.19E-06	3.58E-06	2.07E-06	3.96E-08	9.57E-07	3.87E-08	1.04E-06
3793	480363.09, 3852377.25	2.20E-06	6.65E-06	3.85E-06	7.35E-08	1.78E-06	7.19E-08	1.92E-06	1.33E-06	4.02E-06	2.33E-06	4.45E-08	1.07E-06	4.35E-08	1.16E-06
3794	480863.09, 3852377.25	2.54E-06	7.67E-06	4.44E-06	8.48E-08	2.05E-06	8.28E-08	2.22E-06	1.57E-06	4.76E-06	2.75E-06	5.26E-08	1.27E-06	5.14E-08	1.37E-06
3795	481363.09, 3852377.25	3.40E-06	1.03E-05	5.95E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06	2.21E-06	6.67E-06	3.86E-06	7.38E-08	1.78E-06	7.21E-08	1.93E-06
3796	481863.09, 3852377.25	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.14E-05	9.53E-06	2.88E-05	1.67E-05	3.18E-07	7.69E-06	3.11E-07	8.32E-06
3797	482363.09, 3852377.25	8.85E-06	2.67E-05	1.55E-05	2.96E-07	7.14E-06	2.89E-07	7.72E-06	6.07E-06	1.83E-05	1.06E-05	2.03E-07	4.89E-06	1.98E-07	5.29E-06
3798	482863.09, 3852377.25	5.12E-06	1.55E-05	8.96E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06	3.24E-06	9.78E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06
3799	483363.09, 3852377.25	4.06E-06	1.22E-05	7.09E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.43E-06	7.34E-06	4.25E-06	8.12E-08	1.96E-06	7.93E-08	2.12E-06
3800	483863.09, 3852377.25	3.47E-06	1.05E-05	6.06E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06	2.04E-06	6.16E-06	3.57E-06	6.81E-08	1.65E-06	6.66E-08	1.78E-06
3801	484363.09, 3852377.25	3.32E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06	1.94E-06	5.86E-06	3.39E-06	6.48E-08	1.56E-06	6.33E-08	1.69E-06
3802	484863.09, 3852377.25	3.21E-06	9.70E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06	1.86E-06	5.61E-06	3.25E-06	6.20E-08	1.50E-06	6.06E-08	1.62E-06
3803	485363.09, 3852377.25	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06	1.80E-06	5.43E-06	3.14E-06	6.01E-08	1.45E-06	5.87E-08	1.57E-06
3804	485863.09, 3852377.25	3.05E-06	9.21E-06	5.33E-06	1.02E-07	2.46E-06	9.95E-08	2.66E-06	1.72E-06	5.21E-06	3.01E-06	5.76E-08	1.39E-06	5.63E-08	1.50E-06
3805	486363.09, 3852377.25	2.90E-06	8.74E-06	5.06E-06	9.67E-08	2.34E-06	9.45E-08	2.53E-06	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.28E-08	1.41E-06
3806	486863.09, 3852377.25	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06	1.55E-06	4.68E-06	2.71E-06	5.18E-08	1.25E-06	5.06E-08	1.35E-06
3807	487363.09, 3852377.25	2.64E-06	7.98E-06	4.62E-06	8.83E-08	2.13E-06	8.63E-08	2.31E-06	1.46E-06	4.42E-06	2.56E-06	4.89E-08	1.18E-06	4.77E-08	1.28E-06
3808	487863.09, 3852377.25	2.51E-06	7.59E-06	4.39E-06	8.39E-08	2.03E-06	8.20E-08	2.19E-06	1.38E-06	4.18E-06	2.42E-06	4.62E-08	1.12E-06	4.52E-08	1.21E-06
3809	488363.09, 3852377.25	2.40E-06	7.26E-06	4.20E-06	8.03E-08	1.94E-06	7.84E-08	2.10E-06	1.32E-06	3.98E-06	2.31E-06	4.40E-08	1.06E-06	4.30E-08	1.15E-06
3810	488863.09, 3852377.25	2.29E-06	6.93E-06	4.01E-06	7.66E-08	1.85E-06	7.49E-08	2.00E-06	1.25E-06	3.79E-06	2.19E-06	4.19E-08	1.01E-06	4.09E-08	1.09E-06
3811	489363.09, 3852377.25	2.24E-06	6.75E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06	1.22E-06	3.67E-06	2.13E-06	4.06E-08	9.82E-07	3.97E-08	1.06E-06
3812	489863.09, 3852377.25	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.72E-06	6.94E-08	1.86E-06	1.15E-06	3.48E-06	2.02E-06	3.85E-08	9.31E-07	3.76E-08	1.01E-06
3813	490363.09, 3852377.25	2.24E-06	6.76E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06	1.21E-06	3.65E-06	2.11E-06	4.04E-08	9.75E-07	3.94E-08	1.05E-06
3814	490863.09, 3852377.25	2.32E-06	7.00E-06	4.05E-06	7.74E-08	1.87E-06	7.56E-08	2.02E-06	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.01E-06	4.07E-08	1.09E-06
3815	491363.09, 3852377.25	2.51E-06	7.58E-06	4.39E-06	8.39E-08	2.03E-06	8.19E-08	2.19E-06	1.35E-06	4.06E-06	2.35E-06	4.49E-08	1.09E-06	4.39E-08	1.17E-06
3816	491863.09, 3852377.25	2.54E-06	7.66E-06	4.43E-06	8.47E-08	2.05E-06	8.28E-08	2.21E-06	1.36E-06	4.09E-06	2.37E-06	4.53E-08	1.09E-06	4.42E-08	1.18E-06
3817	492363.09, 3852377.25	2.54E-06	7.67E-06	4.44E-06	8.49E-08	2.05E-06	8.29E-08	2.22E-06	1.35E-06	4.09E-06	2.37E-06	4.52E-08	1.09E-06	4.42E-08	1.18E-06
3818	492863.09, 3852377.25	2.61E-06	7.87E-06	4.56E-06	8.71E-08	2.10E-06	8.51E-08	2.28E-06	1.39E-06	4.18E-06	2.42E-06	4.63E-08	1.12E-06	4.52E-08	1.21E-06
3819	493363.09, 3852377.25	2.73E-06	8.24E-06	4.77E-06	9.11E-08	2.20E-06	8.90E-08	2.38E-06	1.45E-06	4.37E-06	2.53E-06	4.83E-08	1.17E-06	4.72E-08	1.26E-06
3820	493863.09, 3852377.25	2.70E-06	8.16E-06	4.72E-06	9.02E-08	2.18E-06	8.82E-08	2.36E-06	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06
3821	494363.09, 3852377.25	2.68E-06	8.09E-06	4.68E-06	8.94E-08	2.16E-06	8.74E-08	2.34E-06	1.42E-06	4.27E-06	2.47E-06	4.73E-08	1.14E-06	4.62E-08	1.24E-06
3822	494863.09, 3852377.25	2.74E-06	8.26E-06	4.78E-06	9.14E-08	2.21E-06	8.93E-08	2.39E-06	1.44E-06	4.36E-06	2.52E-06	4.82E-08	1.16E-06	4.71E-08	1.26E-06
3823	495363.09, 3852377.25	2.79E-06	8.41E-06	4.87E-06	9.30E-08	2.25E-06	9.09E-08	2.43E-06	1.47E-06	4.43E-06	2.56E-06	4.90E-08	1.18E-06	4.79E-08	1.28E-06
3824	495863.09, 3852377.25	2.72E-06	8.21E-06	4.75E-06	9.08E-08	2.19E-06	8.87E-08	2.37E-06	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06
3825	496363.09, 3852377.25	2.65E-06	7.99E-06	4.62E-06	8.84E-08	2.13E-06	8.63E-08	2.31E-06	1.39E-06	4.20E-06	2.43E-06	4.65E-08	1.12E-06	4.54E-08	1.21E-06
3826	496863.09, 3852377.25	2.59E-06	7.82E-06	4.53E-06	8.65E-08	2.09E-06	8.45E-08	2.26E-06	1.36E-06	4.11E-06	2.38E-06	4.55E-08	1.10E-06	4.44E-08	1.19E-06
3827	497363.09, 3852377.25	2.46E-06	7.43E-06	4.30E-06	8.22E-08	1.99E-06	8.03E-08	2.15E-06	1.29E-06	3.91E-06	2.26E-06	4.32E-08	1.04E-06	4.22E-08	1.13E-06
3828	497863.09, 3852377.25	2.32E-06	7.00E-06	4.05E-06	7.74E-08	1.87E-06	7.57E-08	2.02E-06	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.84E-07	3.98E-08	1.06E-06
3829	498363.09, 3852377.25	2.20E-06	6.63E-06	3.84E-06	7.34E-08	1.77E-06	7.17E-08	1.92E-06	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.32E-07	3.77E-08	1.01E-06
3830	471363.09, 3852877.25	1.02E-06	3.08E-06	1.78E-06	3.40E-08	8.22E-07	3.32E-08	8.89E-07	5.52E-07	1.67E-06	9.65E-07	1.84E-08	4.45E-07	1.80E-08	4.82E-07
3831	471863.09, 3852877.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.58E-07	3.47E-08	9.28E-07	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.66E-07	1.88E-08	5.04E-07
3832	472363.09, 3852877.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.89E-07	3.60E-08	9.62E-07	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.23E-07
3833	472863.09, 3852877.25	1.14E-06	3.43E-06	1.99E-06	3.79E-08	9.16E-07	3.71E-08	9.91E-07	6.19E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07
3834	473363.09, 3852877.25	1.18E-06	3.57E-06	2.06E-06	3.94E-08	9.52E-07	3.85E-08	1.03E-06	6.44E-07	1.94E-06	1.13E-06	2.15E-08	5.19E-07	2.10E-08	5.62E-07
3835	473863.09, 3852877.25	1.23E-06	3.70E-06	2.14E-06	4.10E-08	9.90E-07	4.00E-08	1.07E-06	6.71E-07	2.03E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.85E-07
3836	474363.09, 3852877.25	1.28E-06	3.86E-06	2.24E-06	4.27E-08	1.03E-06	4.17E-08	1.12E-06	7.01E-07	2.12E-06	1.22E-06	2.34E-08	5.65E-07	2.29E-08	6.11E-07
3837	474863.09, 3852877.25	1.30E-06	3.94E-06	2.28E-06	4.36E-08	1.05E-06	4.26E-08	1.14E-06	7.12E-07	2.15E-06	1.24E-06	2.38E-08	5.74E-07	2.32E-08	6.21E-07
3838	475363.09, 3852877.25	1.37E-06	4.13E-06	2.39E-06	4.57E-08	1.10E-06	4.47E-08	1.19E-06	7.48E-07	2.26E-06	1.31E-06	2.50E-08	6.04E-07	2.44E-08	6.53E-07
3839	475863.09, 3852877.25	1.42E-06	4.28E-06	2.48E-06	4.73E-08	1.14E-06	4.62E-08	1.24E-06	7.75E-07	2.34E-06	1.35E-06	2.59E-08	6.25E-07	2.53E-08	6.76E-07
3840	476363.09, 3852877.25	1.45E-06	4.38E-06	2.54E-06	4.84E-08	1.17E-06	4.73E-08	1.27E-06	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.90E-07

3841	476863.09, 3852877.25	1.46E-06	4.40E-06	2.55E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06	7.92E-07	2.39E-06	1.38E-06	2.64E-08	6.39E-07	2.58E-08	6.91E-07
3842	477363.09, 3852877.25	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06	7.98E-07	2.41E-06	1.40E-06	2.67E-08	6.44E-07	2.60E-08	6.97E-07
3843	477863.09, 3852877.25	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06	7.97E-07	2.41E-06	1.39E-06	2.66E-08	6.43E-07	2.60E-08	6.96E-07
3844	478363.09, 3852877.25	1.40E-06	4.24E-06	2.45E-06	4.69E-08	1.13E-06	4.58E-08	1.23E-06	7.59E-07	2.29E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07
3845	478863.09, 3852877.25	1.53E-06	4.61E-06	2.67E-06	5.10E-08	1.23E-06	4.98E-08	1.33E-06	8.28E-07	2.50E-06	1.45E-06	2.76E-08	6.68E-07	2.70E-08	7.22E-07
3846	479363.09, 3852877.25	1.76E-06	5.32E-06	3.08E-06	5.88E-08	1.42E-06	5.75E-08	1.54E-06	9.60E-07	2.90E-06	1.68E-06	3.21E-08	7.75E-07	3.13E-08	8.38E-07
3847	479863.09, 3852877.25	2.08E-06	6.27E-06	3.63E-06	6.93E-08	1.67E-06	6.77E-08	1.81E-06	1.15E-06	3.48E-06	2.01E-06	3.85E-08	9.29E-07	3.76E-08	1.01E-06
3848	480363.09, 3852877.25	2.24E-06	6.78E-06	3.92E-06	7.50E-08	1.81E-06	7.33E-08	1.96E-06	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.21E-08	1.12E-06
3849	480863.09, 3852877.25	2.49E-06	7.53E-06	4.36E-06	8.33E-08	2.01E-06	8.14E-08	2.18E-06	1.46E-06	4.40E-06	2.55E-06	4.87E-08	1.18E-06	4.76E-08	1.27E-06
3850	481363.09, 3852877.25	2.91E-06	8.78E-06	5.08E-06	9.71E-08	2.35E-06	9.49E-08	2.54E-06	1.75E-06	5.27E-06	3.05E-06	5.83E-08	1.41E-06	5.70E-08	1.52E-06
3851	481863.09, 3852877.25	3.98E-06	1.20E-05	6.95E-06	1.33E-07	3.21E-06	1.30E-07	3.47E-06	2.49E-06	7.52E-06	4.35E-06	8.32E-08	2.01E-06	8.13E-08	2.17E-06
3852	482363.09, 3852877.25	1.67E-05	5.04E-05	2.92E-05	5.58E-07	1.35E-05	5.45E-07	1.46E-05	1.19E-05	3.60E-05	2.09E-05	3.98E-07	9.62E-06	3.89E-07	1.04E-05
3853	482863.09, 3852877.25	9.49E-06	2.87E-05	1.66E-05	3.17E-07	7.66E-06	3.10E-07	8.29E-06	6.25E-06	1.89E-05	1.09E-05	2.09E-07	5.04E-06	2.04E-07	5.46E-06
3854	483363.09, 3852877.25	5.77E-06	1.74E-05	1.01E-05	1.93E-07	4.65E-06	1.88E-07	5.03E-06	3.49E-06	1.05E-05	6.10E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06
3855	483863.09, 3852877.25	4.68E-06	1.41E-05	8.17E-06	1.56E-07	3.77E-06	1.53E-07	4.08E-06	2.67E-06	8.06E-06	4.67E-06	8.92E-08	2.15E-06	8.71E-08	2.33E-06
3856	484363.09, 3852877.25	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.76E-06	2.45E-06	7.39E-06	4.28E-06	8.17E-08	1.97E-06	7.99E-08	2.14E-06
3857	484863.09, 3852877.25	4.10E-06	1.24E-05	7.16E-06	1.37E-07	3.30E-06	1.34E-07	3.57E-06	2.31E-06	6.98E-06	4.04E-06	7.72E-08	1.86E-06	7.54E-08	2.02E-06
3858	485363.09, 3852877.25	3.82E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.25E-07	3.33E-06	2.11E-06	6.36E-06	3.68E-06	7.04E-08	1.70E-06	6.88E-08	1.84E-06
3859	485863.09, 3852877.25	3.62E-06	1.09E-05	6.32E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06	1.98E-06	5.98E-06	3.46E-06	6.61E-08	1.60E-06	6.46E-08	1.73E-06
3860	486363.09, 3852877.25	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.97E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
3861	486863.09, 3852877.25	3.27E-06	9.87E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.85E-06	1.77E-06	5.35E-06	3.10E-06	5.92E-08	1.43E-06	5.78E-08	1.55E-06
3862	487363.09, 3852877.25	3.06E-06	9.23E-06	5.34E-06	1.02E-07	2.46E-06	9.97E-08	2.67E-06	1.65E-06	4.99E-06	2.89E-06	5.51E-08	1.33E-06	5.39E-08	1.44E-06
3863	487863.09, 3852877.25	2.92E-06	8.82E-06	5.10E-06	9.75E-08	2.35E-06	9.53E-08	2.55E-06	1.57E-06	4.75E-06	2.75E-06	5.25E-08	1.27E-06	5.14E-08	1.37E-06
3864	488363.09, 3852877.25	2.46E-06	7.44E-06	4.31E-06	8.23E-08	1.99E-06	8.04E-08	2.15E-06	1.33E-06	4.01E-06	2.32E-06	4.43E-08	1.07E-06	4.33E-08	1.16E-06
3865	488863.09, 3852877.25	2.56E-06	7.74E-06	4.48E-06	8.56E-08	2.07E-06	8.36E-08	2.24E-06	1.37E-06	4.15E-06	2.40E-06	4.59E-08	1.11E-06	4.48E-08	1.20E-06
3866	489363.09, 3852877.25	2.58E-06	7.79E-06	4.51E-06	8.61E-08	2.08E-06	8.42E-08	2.25E-06	1.38E-06	4.16E-06	2.41E-06	4.61E-08	1.11E-06	4.50E-08	1.20E-06
3867	489863.09, 3852877.25	2.58E-06	7.79E-06	4.51E-06	8.62E-08	2.08E-06	8.42E-08	2.25E-06	1.38E-06	4.16E-06	2.41E-06	4.60E-08	1.11E-06	4.49E-08	1.20E-06
3868	490363.09, 3852877.25	2.92E-06	8.82E-06	5.11E-06	9.76E-08	2.36E-06	9.53E-08	2.55E-06	1.55E-06	4.68E-06	2.71E-06	5.18E-08	1.25E-06	5.06E-08	1.35E-06
3869	490863.09, 3852877.25	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06	1.61E-06	4.87E-06	2.82E-06	5.38E-08	1.30E-06	5.26E-08	1.41E-06
3870	491363.09, 3852877.25	3.14E-06	9.48E-06	5.49E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06	1.66E-06	5.01E-06	2.90E-06	5.54E-08	1.34E-06	5.41E-08	1.45E-06
3871	491863.09, 3852877.25	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06	1.66E-06	5.02E-06	2.91E-06	5.55E-08	1.34E-06	5.42E-08	1.45E-06
3872	492363.09, 3852877.25	3.19E-06	9.63E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06	1.68E-06	5.06E-06	2.93E-06	5.60E-08	1.35E-06	5.47E-08	1.46E-06
3873	492863.09, 3852877.25	3.28E-06	9.90E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06	1.72E-06	5.20E-06	3.01E-06	5.75E-08	1.39E-06	5.62E-08	1.50E-06
3874	493363.09, 3852877.25	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06	1.74E-06	5.24E-06	3.04E-06	5.80E-08	1.40E-06	5.67E-08	1.52E-06
3875	493863.09, 3852877.25	3.27E-06	9.88E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06	1.71E-06	5.18E-06	3.00E-06	5.72E-08	1.38E-06	5.59E-08	1.50E-06
3876	494363.09, 3852877.25	3.24E-06	9.78E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06	1.70E-06	5.12E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06
3877	494863.09, 3852877.25	3.23E-06	9.75E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06	1.69E-06	5.10E-06	2.95E-06	5.64E-08	1.36E-06	5.51E-08	1.47E-06
3878	495363.09, 3852877.25	3.12E-06	9.43E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06	1.63E-06	4.93E-06	2.85E-06	5.45E-08	1.32E-06	5.33E-08	1.42E-06
3879	495863.09, 3852877.25	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.82E-08	2.63E-06	1.57E-06	4.75E-06	2.75E-06	5.26E-08	1.27E-06	5.14E-08	1.37E-06
3880	496363.09, 3852877.25	2.97E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.68E-08	2.59E-06	1.55E-06	4.68E-06	2.71E-06	5.18E-08	1.25E-06	5.06E-08	1.35E-06
3881	496863.09, 3852877.25	2.88E-06	8.71E-06	5.04E-06	9.63E-08	2.33E-06	9.41E-08	2.52E-06	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.22E-06	4.92E-08	1.31E-06
3882	497363.09, 3852877.25	2.65E-06	8.01E-06	4.64E-06	8.86E-08	2.14E-06	8.66E-08	2.31E-06	1.39E-06	4.19E-06	2.42E-06	4.63E-08	1.12E-06	4.53E-08	1.21E-06
3883	497863.09, 3852877.25	2.29E-06	6.93E-06	4.01E-06	7.66E-08	1.85E-06	7.49E-08	2.00E-06	1.20E-06	3.63E-06	2.10E-06	4.01E-08	9.69E-07	3.92E-08	1.05E-06
3884	498363.09, 3852877.25	2.23E-06	6.73E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06	1.17E-06	3.52E-06	2.04E-06	3.90E-08	9.41E-07	3.81E-08	1.02E-06
3885	471363.09, 3853377.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.30E-07	3.36E-08	8.98E-07	5.56E-07	1.68E-06	9.71E-07	1.86E-08	4.48E-07	1.81E-08	4.85E-07
3886	471863.09, 3853377.25	1.07E-06	3.24E-06	1.87E-06	3.58E-08	8.65E-07	3.50E-08	9.36E-07	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.05E-07
3887	472363.09, 3853377.25	1.12E-06	3.37E-06	1.95E-06	3.73E-08	9.00E-07	3.64E-08	9.74E-07	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07
3888	472863.09, 3853377.25	1.16E-06	3.50E-06	2.03E-06	3.87E-08	9.36E-07	3.79E-08	1.01E-06	6.27E-07	1.89E-06	1.10E-06	2.09E-08	5.06E-07	2.05E-08	5.47E-07
3889	473363.09, 3853377.25	1.20E-06	3.61E-06	2.09E-06	4.00E-08	9.66E-07	3.91E-08	1.04E-06	6.47E-07	1.95E-06	1.13E-06	2.16E-08	5.22E-07	2.11E-08	5.65E-07
3890	473863.09, 3853377.25	1.24E-06	3.74E-06	2.17E-06	4.14E-08	1.00E-06	4.05E-08	1.08E-06	6.70E-07	2.02E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.85E-07
3891	474363.09, 3853377.25	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.20E-08	1.12E-06	6.96E-07	2.10E-06	1.22E-06	2.32E-08	5.61E-07	2.27E-08	6.07E-07
3892	474863.09, 3853377.25	1.32E-06	4.00E-06	2.32E-06	4.42E-08	1.07E-06	4.32E-08	1.16E-06	7.14E-07	2.16E-06	1.25E-06	2.38E-08	5.76E-07	2.33E-08	6.23E-07
3893	475363.09, 3853377.25	1.37E-06	4.14E-06	2.40E-06	4.58E-08	1.11E-06	4.47E-08	1.20E-06	7.38E-07	2.23E-06	1.29E-06	2.46E-08	5.95E-07	2.41E-08	6.44E-07
3894	475863.09, 3853377.25	1.42E-06	4.29E-06	2.49E-06	4.75E-08	1.15E-06	4.64E-08	1.24E-06	7.65E-07	2.31E-06	1.34E-06	2.56E-08	6.17E-07	2.50E-08	6.68E-07
3895	476363.09, 3853377.25	1.44E-06	4.36E-06	2.53E-06	4.82E-08	1.17E-06	4.71E-08	1.26E-06	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07
3896	476863.09, 3853377.25	1.41E-06	4.26E-06	2.47E-06	4.71E-08	1.14E-06	4.61E-08	1.23E-06	7.57E-07	2.29E-06	1.32E-06	2.53E-08	6.11E-07	2.47E-08	6.61E-07
3897	477363.09, 3853377.25	1.45E-06	4.37E-06	2.53E-06	4.84E-08	1.17E-06	4.73E-08	1.26E-06	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07
3898	477863.09, 3853377.25	1.51E-06	4.54E-06	2.63E-06	5.03E-08	1.21E-06	4.91E-08	1.31E-06	8.06E-07	2.43E-06	1.41E-06	2.69E-08	6.50E-07	2.63E-08	7.03E-07
3899	478363.09, 3853377.25	1.49E-06	4.50E-06	2.61E-06	4.98E-08	1.20E-06	4.87E-08	1.30E-06	7.97E-07	2.41E-06	1.39E-06	2.66E-08	6.43E-07	2.60E-08	6.95E-07
3900	478863.09, 3853377.25	1.45E-06	4.37E-06	2.53E-06	4.84E-08	1.17E-06	4.73E-08	1.26E-06	7.74E-07	2.34E-06	1.35E-06	2.58E-08	6.24E-07	2.52E-08	6.75E-07
3901	479363.09, 3853377.25	1.74E-06	5.26E-06	3.04E-06	5.81E-08	1.40E-06	5.68E-08	1.52E-06	9.32E-07	2.81E-06	1.63E-06	3.11E-08	7.52E-07	3.04E-08	8.13E-07
3902	479863.09, 3853377.25	2.09E-06	6.32E-06	3.66E-06	6.99E-08	1.69E-06	6.83E-08	1.83E-06	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.08E-07	3.67E-08	9.82E-07

3903	480363.09, 3853377.25	2.47E-06	7.45E-06	4.31E-06	8.24E-08	1.99E-06	8.05E-08	2.15E-06	1.35E-06	4.07E-06	2.35E-06	4.50E-08	1.09E-06	4.40E-08	1.18E-06
3904	480863.09, 3853377.25	2.74E-06	8.28E-06	4.79E-06	9.16E-08	2.21E-06	8.95E-08	2.39E-06	1.49E-06	4.50E-06	2.60E-06	4.97E-08	1.20E-06	4.86E-08	1.30E-06
3905	481363.09, 3853377.25	3.16E-06	9.55E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.76E-06	5.33E-06	3.08E-06	5.89E-08	1.42E-06	5.76E-08	1.54E-06
3906	481863.09, 3853377.25	4.01E-06	1.21E-05	7.00E-06	1.34E-07	3.23E-06	1.31E-07	3.50E-06	2.30E-06	6.95E-06	4.02E-06	7.69E-08	1.86E-06	7.51E-08	2.01E-06
3907	482363.09, 3853377.25	6.62E-06	2.00E-05	1.16E-05	2.21E-07	5.34E-06	2.16E-07	5.77E-06	3.91E-06	1.18E-05	6.84E-06	1.31E-07	3.16E-06	1.28E-07	3.42E-06
3908	482863.09, 3853377.25	3.09E-05	9.32E-05	5.39E-05	1.03E-06	2.49E-05	1.01E-06	2.69E-05	1.96E-05	5.90E-05	3.42E-05	6.53E-07	1.58E-05	6.38E-07	1.71E-05
3909	483363.09, 3853377.25	9.40E-06	2.84E-05	1.64E-05	3.14E-07	7.58E-06	3.07E-07	8.20E-06	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06
3910	483863.09, 3853377.25	7.07E-06	2.14E-05	1.24E-05	2.36E-07	5.70E-06	2.31E-07	6.17E-06	3.96E-06	1.20E-05	6.92E-06	1.32E-07	3.20E-06	1.29E-07	3.46E-06
3911	484363.09, 3853377.25	6.19E-06	1.87E-05	1.08E-05	2.07E-07	4.99E-06	2.02E-07	5.40E-06	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
3912	484863.09, 3853377.25	5.75E-06	1.74E-05	1.00E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	3.09E-06	9.33E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06
3913	485363.09, 3853377.25	4.99E-06	1.51E-05	8.71E-06	1.66E-07	4.02E-06	1.63E-07	4.35E-06	2.65E-06	8.00E-06	4.63E-06	8.85E-08	2.14E-06	8.65E-08	2.31E-06
3914	485863.09, 3853377.25	4.11E-06	1.24E-05	7.19E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.19E-06	6.61E-06	3.83E-06	7.31E-08	1.77E-06	7.14E-08	1.91E-06
3915	486363.09, 3853377.25	4.10E-06	1.24E-05	7.16E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.17E-06	6.56E-06	3.80E-06	7.26E-08	1.75E-06	7.09E-08	1.90E-06
3916	486863.09, 3853377.25	4.01E-06	1.21E-05	7.01E-06	1.34E-07	3.23E-06	1.31E-07	3.50E-06	2.12E-06	6.40E-06	3.71E-06	7.08E-08	1.71E-06	6.92E-08	1.85E-06
3917	487363.09, 3853377.25	4.03E-06	1.22E-05	7.04E-06	1.35E-07	3.25E-06	1.31E-07	3.52E-06	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.71E-06	6.94E-08	1.85E-06
3918	487863.09, 3853377.25	3.99E-06	1.20E-05	6.97E-06	1.33E-07	3.22E-06	1.30E-07	3.48E-06	2.10E-06	6.34E-06	3.67E-06	7.02E-08	1.69E-06	6.86E-08	1.83E-06
3919	488363.09, 3853377.25	4.02E-06	1.21E-05	7.03E-06	1.34E-07	3.24E-06	1.31E-07	3.51E-06	2.11E-06	6.38E-06	3.69E-06	7.06E-08	1.70E-06	6.90E-08	1.84E-06
3920	488863.09, 3853377.25	3.98E-06	1.20E-05	6.95E-06	1.33E-07	3.21E-06	1.30E-07	3.47E-06	2.09E-06	6.30E-06	3.65E-06	6.97E-08	1.68E-06	6.81E-08	1.82E-06
3921	489363.09, 3853377.25	3.91E-06	1.18E-05	6.84E-06	1.31E-07	3.16E-06	1.28E-07	3.42E-06	2.05E-06	6.19E-06	3.58E-06	6.85E-08	1.65E-06	6.69E-08	1.79E-06
3922	489863.09, 3853377.25	3.80E-06	1.15E-05	6.65E-06	1.27E-07	3.07E-06	1.24E-07	3.32E-06	1.99E-06	6.01E-06	3.48E-06	6.65E-08	1.61E-06	6.50E-08	1.74E-06
3923	490363.09, 3853377.25	3.88E-06	1.17E-05	6.78E-06	1.30E-07	3.13E-06	1.27E-07	3.39E-06	2.03E-06	6.12E-06	3.54E-06	6.77E-08	1.64E-06	6.62E-08	1.77E-06
3924	490863.09, 3853377.25	3.91E-06	1.18E-05	6.84E-06	1.31E-07	3.16E-06	1.28E-07	3.41E-06	2.04E-06	6.17E-06	3.57E-06	6.82E-08	1.65E-06	6.66E-08	1.78E-06
3925	491363.09, 3853377.25	3.94E-06	1.19E-05	6.89E-06	1.32E-07	3.18E-06	1.29E-07	3.44E-06	2.05E-06	6.20E-06	3.59E-06	6.86E-08	1.66E-06	6.70E-08	1.79E-06
3926	491863.09, 3853377.25	3.92E-06	1.18E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.42E-06	2.04E-06	6.17E-06	3.57E-06	6.83E-08	1.65E-06	6.67E-08	1.78E-06
3927	492363.09, 3853377.25	3.95E-06	1.19E-05	6.91E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06	2.06E-06	6.21E-06	3.59E-06	6.87E-08	1.66E-06	6.71E-08	1.79E-06
3928	492863.09, 3853377.25	3.97E-06	1.20E-05	6.93E-06	1.32E-07	3.20E-06	1.29E-07	3.46E-06	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06
3929	493363.09, 3853377.25	3.92E-06	1.18E-05	6.85E-06	1.31E-07	3.16E-06	1.28E-07	3.42E-06	2.04E-06	6.15E-06	3.56E-06	6.80E-08	1.64E-06	6.65E-08	1.78E-06
3930	493863.09, 3853377.25	3.86E-06	1.17E-05	6.75E-06	1.29E-07	3.12E-06	1.26E-07	3.37E-06	2.01E-06	6.07E-06	3.51E-06	6.71E-08	1.62E-06	6.55E-08	1.75E-06
3931	494363.09, 3853377.25	3.76E-06	1.13E-05	6.57E-06	1.25E-07	3.03E-06	1.23E-07	3.28E-06	1.95E-06	5.90E-06	3.41E-06	6.52E-08	1.58E-06	6.37E-08	1.70E-06
3932	494863.09, 3853377.25	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06	1.89E-06	5.70E-06	3.30E-06	6.30E-08	1.52E-06	6.16E-08	1.65E-06
3933	495363.09, 3853377.25	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06	1.84E-06	5.56E-06	3.22E-06	6.15E-08	1.48E-06	6.01E-08	1.61E-06
3934	495863.09, 3853377.25	3.42E-06	1.03E-05	5.97E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06	1.78E-06	5.36E-06	3.11E-06	5.93E-08	1.43E-06	5.80E-08	1.55E-06
3935	496363.09, 3853377.25	3.26E-06	9.85E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06	1.70E-06	5.12E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06
3936	496863.09, 3853377.25	3.04E-06	9.19E-06	5.32E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06	1.58E-06	4.78E-06	2.77E-06	5.29E-08	1.28E-06	5.17E-08	1.38E-06
3937	497363.09, 3853377.25	2.75E-06	8.30E-06	4.80E-06	9.17E-08	2.22E-06	8.97E-08	2.40E-06	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06
3938	497863.09, 3853377.25	2.26E-06	6.83E-06	3.95E-06	7.55E-08	1.82E-06	7.38E-08	1.97E-06	1.18E-06	3.56E-06	2.06E-06	3.94E-08	9.52E-07	3.85E-08	1.03E-06
3939	498363.09, 3853377.25	2.04E-06	6.15E-06	3.56E-06	6.80E-08	1.64E-06	6.65E-08	1.78E-06	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.58E-07	3.47E-08	9.28E-07
3940	471363.09, 3853877.25	1.01E-06	3.06E-06	1.77E-06	3.39E-08	8.18E-07	3.31E-08	8.85E-07	5.47E-07	1.65E-06	9.55E-07	1.83E-08	4.41E-07	1.78E-08	4.77E-07
3941	471863.09, 3853877.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.57E-07	3.47E-08	9.27E-07	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07
3942	472363.09, 3853877.25	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.95E-07	3.62E-08	9.68E-07	5.97E-07	1.80E-06	1.04E-06	1.99E-08	4.82E-07	1.95E-08	5.21E-07
3943	472863.09, 3853877.25	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.34E-07	3.78E-08	1.01E-06	6.22E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07
3944	473363.09, 3853877.25	1.20E-06	3.62E-06	2.10E-06	4.00E-08	9.67E-07	3.91E-08	1.05E-06	6.44E-07	1.95E-06	1.13E-06	2.15E-08	5.20E-07	2.10E-08	5.62E-07
3945	473863.09, 3853877.25	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.00E-06	4.06E-08	1.09E-06	6.68E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07
3946	474363.09, 3853877.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07
3947	474863.09, 3853877.25	1.35E-06	4.09E-06	2.37E-06	4.52E-08	1.09E-06	4.42E-08	1.18E-06	7.25E-07	2.19E-06	1.27E-06	2.42E-08	5.85E-07	2.36E-08	6.32E-07
3948	475363.09, 3853877.25	1.39E-06	4.18E-06	2.42E-06	4.63E-08	1.12E-06	4.52E-08	1.21E-06	7.40E-07	2.23E-06	1.29E-06	2.47E-08	5.97E-07	2.41E-08	6.46E-07
3949	475863.09, 3853877.25	1.39E-06	4.18E-06	2.42E-06	4.63E-08	1.12E-06	4.52E-08	1.21E-06	7.37E-07	2.23E-06	1.29E-06	2.46E-08	5.95E-07	2.41E-08	6.43E-07
3950	476363.09, 3853877.25	1.34E-06	4.06E-06	2.35E-06	4.49E-08	1.08E-06	4.39E-08	1.17E-06	7.16E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.34E-08	6.25E-07
3951	476863.09, 3853877.25	1.30E-06	3.93E-06	2.27E-06	4.34E-08	1.05E-06	4.24E-08	1.14E-06	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07
3952	477363.09, 3853877.25	1.40E-06	4.22E-06	2.44E-06	4.67E-08	1.13E-06	4.56E-08	1.22E-06	7.43E-07	2.24E-06	1.30E-06	2.48E-08	5.99E-07	2.42E-08	6.48E-07
3953	477863.09, 3853877.25	1.50E-06	4.52E-06	2.62E-06	5.00E-08	1.21E-06	4.89E-08	1.31E-06	7.96E-07	2.40E-06	1.39E-06	2.66E-08	6.42E-07	2.60E-08	6.95E-07
3954	478363.09, 3853877.25	1.58E-06	4.76E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06	8.37E-07	2.53E-06	1.46E-06	2.80E-08	6.75E-07	2.73E-08	7.31E-07
3955	478863.09, 3853877.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.21E-06	4.91E-08	1.31E-06	7.97E-07	2.41E-06	1.39E-06	2.66E-08	6.43E-07	2.60E-08	6.96E-07
3956	479363.09, 3853877.25	1.73E-06	5.22E-06	3.02E-06	5.77E-08	1.39E-06	5.64E-08	1.51E-06	9.14E-07	2.76E-06	1.60E-06	3.05E-08	7.37E-07	2.98E-08	7.98E-07
3957	479863.09, 3853877.25	2.21E-06	6.68E-06	3.87E-06	7.39E-08	1.78E-06	7.22E-08	1.93E-06	1.17E-06	3.53E-06	2.05E-06	3.91E-08	9.44E-07	3.82E-08	1.02E-06
3958	480363.09, 3853877.25	2.65E-06	7.99E-06	4.63E-06	8.84E-08	2.14E-06	8.64E-08	2.31E-06	1.40E-06	4.24E-06	2.45E-06	4.69E-08	1.13E-06	4.58E-08	1.23E-06
3959	480863.09, 3853877.25	3.13E-06	9.44E-06	5.47E-06	1.04E-07	2.52E-06	1.02E-07	2.73E-06	1.68E-06	5.07E-06	2.93E-06	5.60E-08	1.35E-06	5.48E-08	1.46E-06
3960	481363.09, 3853877.25	3.68E-06	1.11E-05	6.43E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06	1.99E-06	6.02E-06	3.48E-06	6.65E-08	1.61E-06	6.50E-08	1.74E-06
3961	481863.09, 3853877.25	4.74E-06	1.43E-05	8.29E-06	1.58E-07	3.83E-06	1.55E-07	4.14E-06	2.61E-06	7.88E-06	4.56E-06	8.71E-08	2.10E-06	8.52E-08	2.28E-06
3962	482363.09, 3853877.25	7.90E-06	2.39E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.90E-06	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06
3963	482863.09, 3853877.25	5.43E-05	1.64E-04	9.49E-05	1.81E-06	4.38E-05	1.77E-06	4.74E-05	3.60E-05	1.09E-04	6.29E-05	1.20E-06	2.90E-05	1.17E-06	3.14E-05
3964	483363.09, 3853877.25	2.66E-05	8.05E-05	4.66E-05	8.90E-07	2.15E-05	8.70E-07	2.33E-05	1.40E-05	4.23E-05	2.45E-05	4.67E-07	1.13E-05	4.57E-07	1.22E-05

3965	483863.09, 3853877.25	1.44E-05	4.35E-05	2.52E-05	4.81E-07	1.16E-05	4.70E-07	1.26E-05	7.60E-06	2.29E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.63E-06
3966	484363.09, 3853877.25	1.08E-05	3.27E-05	1.89E-05	3.62E-07	8.74E-06	3.54E-07	9.46E-06	5.67E-06	1.71E-05	9.91E-06	1.89E-07	4.57E-06	1.85E-07	4.95E-06
3967	484863.09, 3853877.25	8.94E-06	2.70E-05	1.56E-05	2.98E-07	7.21E-06	2.92E-07	7.80E-06	4.63E-06	1.40E-05	8.10E-06	1.55E-07	3.74E-06	1.51E-07	4.04E-06
3968	485363.09, 3853877.25	6.72E-06	2.03E-05	1.18E-05	2.24E-07	5.42E-06	2.19E-07	5.87E-06	3.48E-06	1.05E-05	6.09E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
3969	485863.09, 3853877.25	6.59E-06	1.99E-05	1.15E-05	2.20E-07	5.32E-06	2.15E-07	5.75E-06	3.40E-06	1.03E-05	5.95E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06
3970	486363.09, 3853877.25	6.06E-06	1.83E-05	1.06E-05	2.02E-07	4.89E-06	1.98E-07	5.29E-06	3.13E-06	9.46E-06	5.47E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
3971	486863.09, 3853877.25	5.62E-06	1.70E-05	9.83E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.91E-06	8.79E-06	5.09E-06	9.72E-08	2.35E-06	9.50E-08	2.54E-06
3972	487363.09, 3853877.25	5.52E-06	1.67E-05	9.65E-06	1.84E-07	4.46E-06	1.80E-07	4.82E-06	2.86E-06	8.63E-06	5.00E-06	9.54E-08	2.31E-06	9.33E-08	2.49E-06
3973	487863.09, 3853877.25	5.60E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	2.90E-06	8.75E-06	5.07E-06	9.68E-08	2.34E-06	9.46E-08	2.53E-06
3974	488363.09, 3853877.25	5.50E-06	1.66E-05	9.61E-06	1.84E-07	4.43E-06	1.79E-07	4.80E-06	2.84E-06	8.59E-06	4.97E-06	9.50E-08	2.29E-06	9.28E-08	2.48E-06
3975	488863.09, 3853877.25	5.47E-06	1.65E-05	9.56E-06	1.83E-07	4.41E-06	1.78E-07	4.77E-06	2.83E-06	8.54E-06	4.94E-06	9.45E-08	2.28E-06	9.23E-08	2.47E-06
3976	489363.09, 3853877.25	5.24E-06	1.58E-05	9.16E-06	1.75E-07	4.23E-06	1.71E-07	4.58E-06	2.71E-06	8.18E-06	4.74E-06	9.05E-08	2.19E-06	8.84E-08	2.36E-06
3977	489863.09, 3853877.25	5.17E-06	1.56E-05	9.04E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	2.67E-06	8.07E-06	4.67E-06	8.92E-08	2.16E-06	8.72E-08	2.33E-06
3978	490363.09, 3853877.25	5.03E-06	1.52E-05	8.79E-06	1.68E-07	4.06E-06	1.64E-07	4.39E-06	2.60E-06	7.85E-06	4.54E-06	8.68E-08	2.10E-06	8.48E-08	2.27E-06
3979	490863.09, 3853877.25	4.96E-06	1.50E-05	8.66E-06	1.65E-07	4.00E-06	1.62E-07	4.32E-06	2.56E-06	7.73E-06	4.47E-06	8.54E-08	2.06E-06	8.35E-08	2.23E-06
3980	491363.09, 3853877.25	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.93E-06	1.59E-07	4.26E-06	2.52E-06	7.60E-06	4.40E-06	8.41E-08	2.03E-06	8.22E-08	2.20E-06
3981	491863.09, 3853877.25	4.78E-06	1.44E-05	8.35E-06	1.60E-07	3.85E-06	1.56E-07	4.17E-06	2.47E-06	7.45E-06	4.31E-06	8.24E-08	1.99E-06	8.05E-08	2.15E-06
3982	492363.09, 3853877.25	4.73E-06	1.43E-05	8.26E-06	1.58E-07	3.81E-06	1.54E-07	4.13E-06	2.44E-06	7.38E-06	4.27E-06	8.16E-08	1.97E-06	7.97E-08	2.13E-06
3983	492863.09, 3853877.25	4.65E-06	1.40E-05	8.13E-06	1.55E-07	3.75E-06	1.52E-07	4.06E-06	2.41E-06	7.26E-06	4.21E-06	8.03E-08	1.94E-06	7.85E-08	2.10E-06
3984	493363.09, 3853877.25	4.54E-06	1.37E-05	7.94E-06	1.52E-07	3.67E-06	1.48E-07	3.97E-06	2.35E-06	7.09E-06	4.11E-06	7.84E-08	1.89E-06	7.67E-08	2.05E-06
3985	493863.09, 3853877.25	4.42E-06	1.33E-05	7.73E-06	1.48E-07	3.57E-06	1.44E-07	3.86E-06	2.28E-06	6.90E-06	3.99E-06	7.63E-08	1.84E-06	7.45E-08	1.99E-06
3986	494363.09, 3853877.25	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.47E-06	1.41E-07	3.76E-06	2.23E-06	6.72E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
3987	494863.09, 3853877.25	4.16E-06	1.26E-05	7.28E-06	1.39E-07	3.36E-06	1.36E-07	3.63E-06	2.15E-06	6.50E-06	3.76E-06	7.19E-08	1.74E-06	7.02E-08	1.88E-06
3988	495363.09, 3853877.25	3.88E-06	1.17E-05	6.79E-06	1.30E-07	3.13E-06	1.27E-07	3.39E-06	2.01E-06	6.06E-06	3.51E-06	6.70E-08	1.62E-06	6.55E-08	1.75E-06
3989	495863.09, 3853877.25	3.60E-06	1.09E-05	6.30E-06	1.20E-07	2.91E-06	1.18E-07	3.14E-06	1.86E-06	5.63E-06	3.26E-06	6.23E-08	1.50E-06	6.08E-08	1.63E-06
3990	496363.09, 3853877.25	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.99E-06	1.77E-06	5.35E-06	3.10E-06	5.92E-08	1.43E-06	5.78E-08	1.55E-06
3991	496863.09, 3853877.25	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06	1.61E-06	4.86E-06	2.82E-06	5.38E-08	1.30E-06	5.26E-08	1.41E-06
3992	497363.09, 3853877.25	2.85E-06	8.61E-06	4.98E-06	9.52E-08	2.30E-06	9.30E-08	2.49E-06	1.48E-06	4.47E-06	2.59E-06	4.94E-08	1.19E-06	4.83E-08	1.29E-06
3993	497863.09, 3853877.25	2.52E-06	7.61E-06	4.40E-06	8.41E-08	2.03E-06	8.22E-08	2.20E-06	1.31E-06	3.95E-06	2.29E-06	4.37E-08	1.06E-06	4.27E-08	1.14E-06
3994	498363.09, 3853877.25	2.34E-06	7.05E-06	4.08E-06	7.80E-08	1.88E-06	7.62E-08	2.04E-06	1.21E-06	3.67E-06	2.12E-06	4.06E-08	9.80E-07	3.96E-08	1.06E-06
3995	471363.09, 3854377.25	9.82E-07	2.96E-06	1.72E-06	3.28E-08	7.92E-07	3.20E-08	8.57E-07	5.29E-07	1.60E-06	9.25E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
3996	471863.09, 3854377.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.31E-07	3.36E-08	8.99E-07	5.55E-07	1.67E-06	9.70E-07	1.85E-08	4.47E-07	1.81E-08	4.84E-07
3997	472363.09, 3854377.25	1.08E-06	3.25E-06	1.88E-06	3.59E-08	8.68E-07	3.51E-08	9.39E-07	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.05E-07
3998	472863.09, 3854377.25	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.05E-07	3.66E-08	9.79E-07	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07
3999	473363.09, 3854377.25	1.18E-06	3.56E-06	2.06E-06	3.94E-08	9.51E-07	3.85E-08	1.03E-06	6.32E-07	1.91E-06	1.10E-06	2.11E-08	5.10E-07	2.06E-08	5.52E-07
4000	473863.09, 3854377.25	1.24E-06	3.75E-06	2.17E-06	4.14E-08	1.00E-06	4.05E-08	1.08E-06	6.64E-07	2.01E-06	1.16E-06	2.22E-08	5.36E-07	2.17E-08	5.80E-07
4001	474363.09, 3854377.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	6.96E-07	2.10E-06	1.22E-06	2.32E-08	5.61E-07	2.27E-08	6.07E-07
4002	474863.09, 3854377.25	1.34E-06	4.06E-06	2.35E-06	4.49E-08	1.08E-06	4.38E-08	1.17E-06	7.15E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.33E-08	6.24E-07
4003	475363.09, 3854377.25	1.36E-06	4.10E-06	2.37E-06	4.53E-08	1.09E-06	4.43E-08	1.18E-06	7.19E-07	2.17E-06	1.26E-06	2.40E-08	5.80E-07	2.35E-08	6.28E-07
4004	475863.09, 3854377.25	1.25E-06	3.76E-06	2.18E-06	4.16E-08	1.01E-06	4.07E-08	1.09E-06	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.32E-07	2.15E-08	5.75E-07
4005	476363.09, 3854377.25	1.24E-06	3.74E-06	2.16E-06	4.13E-08	9.99E-07	4.04E-08	1.08E-06	6.56E-07	1.98E-06	1.15E-06	2.19E-08	5.29E-07	2.14E-08	5.72E-07
4006	476863.09, 3854377.25	1.27E-06	3.85E-06	2.23E-06	4.26E-08	1.03E-06	4.16E-08	1.11E-06	6.75E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.89E-07
4007	477363.09, 3854377.25	1.32E-06	3.97E-06	2.30E-06	4.39E-08	1.06E-06	4.29E-08	1.15E-06	6.97E-07	2.10E-06	1.22E-06	2.33E-08	5.62E-07	2.27E-08	6.08E-07
4008	477863.09, 3854377.25	1.39E-06	4.19E-06	2.43E-06	4.63E-08	1.12E-06	4.53E-08	1.21E-06	7.34E-07	2.22E-06	1.28E-06	2.45E-08	5.92E-07	2.40E-08	6.41E-07
4009	478363.09, 3854377.25	1.52E-06	4.60E-06	2.67E-06	5.09E-08	1.23E-06	4.98E-08	1.33E-06	8.06E-07	2.43E-06	1.41E-06	2.69E-08	6.50E-07	2.63E-08	7.03E-07
4010	478863.09, 3854377.25	1.65E-06	4.97E-06	2.88E-06	5.49E-08	1.33E-06	5.37E-08	1.44E-06	8.67E-07	2.62E-06	1.52E-06	2.90E-08	7.00E-07	2.83E-08	7.57E-07
4011	479363.09, 3854377.25	1.98E-06	5.98E-06	3.46E-06	6.61E-08	1.60E-06	6.46E-08	1.73E-06	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.39E-07	3.39E-08	9.07E-07
4012	479863.09, 3854377.25	2.32E-06	7.02E-06	4.06E-06	7.76E-08	1.87E-06	7.58E-08	2.03E-06	1.22E-06	3.67E-06	2.13E-06	4.06E-08	9.81E-07	3.97E-08	1.06E-06
4013	480363.09, 3854377.25	2.82E-06	8.52E-06	4.93E-06	9.42E-08	2.28E-06	9.21E-08	2.46E-06	1.47E-06	4.45E-06	2.58E-06	4.92E-08	1.19E-06	4.81E-08	1.29E-06
4014	480863.09, 3854377.25	3.52E-06	1.06E-05	6.15E-06	1.18E-07	2.84E-06	1.15E-07	3.07E-06	1.84E-06	5.57E-06	3.22E-06	6.16E-08	1.49E-06	6.02E-08	1.61E-06
4015	481363.09, 3854377.25	4.26E-06	1.29E-05	7.45E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.25E-06	6.79E-06	3.93E-06	7.51E-08	1.81E-06	7.34E-08	1.96E-06
4016	481863.09, 3854377.25	5.51E-06	1.66E-05	9.64E-06	1.84E-07	4.45E-06	1.80E-07	4.81E-06	2.96E-06	8.93E-06	5.17E-06	9.88E-08	2.39E-06	9.65E-08	2.58E-06
4017	482363.09, 3854377.25	9.14E-06	2.76E-05	1.60E-05	3.05E-07	7.37E-06	2.98E-07	7.98E-06	4.91E-06	1.48E-05	8.59E-06	1.64E-07	3.96E-06	1.60E-07	4.29E-06
4018	482863.09, 3854377.25	5.26E-05	1.59E-04	9.19E-05	1.75E-06	4.24E-05	1.71E-06	4.59E-05	3.27E-05	9.88E-05	5.72E-05	1.09E-06	2.64E-05	1.07E-06	2.85E-05
4019	483363.09, 3854377.25	5.42E-05	1.64E-04	9.47E-05	1.81E-06	4.37E-05	1.77E-06	4.73E-05	2.76E-05	8.34E-05	4.83E-05	9.22E-07	2.23E-05	9.01E-07	2.41E-05
4020	483863.09, 3854377.25	3.35E-05	1.01E-04	5.85E-05	1.12E-06	2.70E-05	1.09E-06	2.92E-05	1.69E-05	5.10E-05	2.95E-05	5.64E-07	1.36E-05	5.51E-07	1.47E-05
4021	484363.09, 3854377.25	2.01E-05	6.06E-05	3.51E-05	6.71E-07	1.62E-05	6.55E-07	1.75E-05	1.01E-05	3.06E-05	1.77E-05	3.39E-07	8.19E-06	3.31E-07	8.86E-06
4022	484863.09, 3854377.25	1.34E-05	4.05E-05	2.34E-05	4.48E-07	1.08E-05	4.37E-07	1.17E-05	6.80E-06	2.05E-05	1.19E-05	2.27E-07	5.49E-06	2.22E-07	5.94E-06
4023	485363.09, 3854377.25	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.88E-06	4.00E-07	1.07E-05	6.22E-06	1.88E-05	1.09E-05	2.08E-07	5.02E-06	2.03E-07	5.43E-06
4024	485863.09, 3854377.25	9.96E-06	3.01E-05	1.74E-05	3.33E-07	8.03E-06	3.25E-07	8.69E-06	5.06E-06	1.53E-05	8.85E-06	1.69E-07	4.09E-06	1.65E-07	4.42E-06
4025	486363.09, 3854377.25	9.25E-06	2.79E-05	1.62E-05	3.09E-07	7.46E-06	3.02E-07	8.08E-06	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06
4026	486863.09, 3854377.25	8.32E-06	2.51E-05	1.45E-05	2.78E-07	6.71E-06	2.71E-07	7.26E-06	4.23E-06	1.28E-05	7.40E-06	1.41E-07	3.42E-06	1.38E-07	3.69E-06

4027	487363.09, 3854377.25	7.93E-06	2.39E-05	1.39E-05	2.65E-07	6.40E-06	2.59E-07	6.92E-06	4.04E-06	1.22E-05	7.06E-06	1.35E-07	3.26E-06	1.32E-07	3.53E-06
4028	487863.09, 3854377.25	7.66E-06	2.31E-05	1.34E-05	2.56E-07	6.18E-06	2.50E-07	6.69E-06	3.91E-06	1.18E-05	6.84E-06	1.31E-07	3.16E-06	1.28E-07	3.41E-06
4029	488363.09, 3854377.25	7.33E-06	2.21E-05	1.28E-05	2.45E-07	5.91E-06	2.39E-07	6.40E-06	3.75E-06	1.13E-05	6.55E-06	1.25E-07	3.02E-06	1.22E-07	3.27E-06
4030	488863.09, 3854377.25	7.04E-06	2.12E-05	1.23E-05	2.35E-07	5.68E-06	2.30E-07	6.14E-06	3.60E-06	1.09E-05	6.30E-06	1.20E-07	2.91E-06	1.18E-07	3.15E-06
4031	489363.09, 3854377.25	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.21E-07	5.90E-06	3.46E-06	1.05E-05	6.06E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06
4032	489863.09, 3854377.25	6.49E-06	1.96E-05	1.13E-05	2.17E-07	5.24E-06	2.12E-07	5.66E-06	3.33E-06	1.01E-05	5.82E-06	1.11E-07	2.69E-06	1.09E-07	2.90E-06
4033	490363.09, 3854377.25	6.25E-06	1.89E-05	1.09E-05	2.09E-07	5.04E-06	2.04E-07	5.45E-06	3.20E-06	9.67E-06	5.60E-06	1.07E-07	2.58E-06	1.05E-07	2.79E-06
4034	490863.09, 3854377.25	5.75E-06	1.74E-05	1.01E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	2.95E-06	8.90E-06	5.15E-06	9.84E-08	2.38E-06	9.62E-08	2.57E-06
4035	491363.09, 3854377.25	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.94E-06	8.87E-06	5.14E-06	9.81E-08	2.37E-06	9.59E-08	2.56E-06
4036	491863.09, 3854377.25	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06	2.89E-06	8.73E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
4037	492363.09, 3854377.25	5.48E-06	1.66E-05	9.59E-06	1.83E-07	4.42E-06	1.79E-07	4.79E-06	2.82E-06	8.52E-06	4.93E-06	9.42E-08	2.28E-06	9.20E-08	2.46E-06
4038	492863.09, 3854377.25	5.33E-06	1.61E-05	9.31E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06	2.74E-06	8.28E-06	4.79E-06	9.15E-08	2.21E-06	8.94E-08	2.39E-06
4039	493363.09, 3854377.25	5.16E-06	1.56E-05	9.01E-06	1.72E-07	4.16E-06	1.68E-07	4.50E-06	2.65E-06	8.01E-06	4.64E-06	8.86E-08	2.14E-06	8.66E-08	2.32E-06
4040	493863.09, 3854377.25	4.98E-06	1.50E-05	8.71E-06	1.66E-07	4.02E-06	1.63E-07	4.35E-06	2.56E-06	7.74E-06	4.48E-06	8.56E-08	2.07E-06	8.37E-08	2.24E-06
4041	494363.09, 3854377.25	4.82E-06	1.45E-05	8.42E-06	1.61E-07	3.88E-06	1.57E-07	4.20E-06	2.48E-06	7.48E-06	4.33E-06	8.27E-08	2.00E-06	8.09E-08	2.16E-06
4042	494863.09, 3854377.25	4.40E-06	1.33E-05	7.70E-06	1.47E-07	3.55E-06	1.44E-07	3.84E-06	2.27E-06	6.84E-06	3.96E-06	7.57E-08	1.83E-06	7.39E-08	1.98E-06
4043	495363.09, 3854377.25	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	1.99E-06	5.99E-06	3.47E-06	6.63E-08	1.60E-06	6.48E-08	1.73E-06
4044	495863.09, 3854377.25	3.46E-06	1.05E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06	1.79E-06	5.40E-06	3.13E-06	5.97E-08	1.44E-06	5.83E-08	1.56E-06
4045	496363.09, 3854377.25	3.28E-06	9.90E-06	5.73E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06	1.69E-06	5.11E-06	2.96E-06	5.65E-08	1.37E-06	5.53E-08	1.48E-06
4046	496863.09, 3854377.25	3.03E-06	9.15E-06	5.30E-06	1.01E-07	2.44E-06	9.89E-08	2.64E-06	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.12E-08	1.37E-06
4047	497363.09, 3854377.25	2.68E-06	8.09E-06	4.68E-06	8.95E-08	2.16E-06	8.74E-08	2.34E-06	1.39E-06	4.19E-06	2.43E-06	4.64E-08	1.12E-06	4.53E-08	1.21E-06
4048	497863.09, 3854377.25	2.70E-06	8.15E-06	4.72E-06	9.02E-08	2.18E-06	8.81E-08	2.36E-06	1.40E-06	4.23E-06	2.45E-06	4.67E-08	1.13E-06	4.57E-08	1.22E-06
4049	498363.09, 3854377.25	2.50E-06	7.56E-06	4.38E-06	8.36E-08	2.02E-06	8.17E-08	2.19E-06	1.30E-06	3.92E-06	2.27E-06	4.34E-08	1.05E-06	4.24E-08	1.13E-06
4050	471363.09, 3854877.25	9.66E-07	2.92E-06	1.69E-06	3.23E-08	7.79E-07	3.15E-08	8.43E-07	5.21E-07	1.57E-06	9.10E-07	1.74E-08	4.20E-07	1.70E-08	4.54E-07
4051	471863.09, 3854877.25	1.01E-06	3.04E-06	1.76E-06	3.37E-08	8.13E-07	3.29E-08	8.80E-07	5.43E-07	1.64E-06	9.49E-07	1.81E-08	4.38E-07	1.77E-08	4.74E-07
4052	472363.09, 3854877.25	1.05E-06	3.17E-06	1.83E-06	3.50E-08	8.46E-07	3.42E-08	9.15E-07	5.64E-07	1.70E-06	9.86E-07	1.88E-08	4.55E-07	1.84E-08	4.92E-07
4053	472863.09, 3854877.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.78E-07	3.55E-08	9.49E-07	5.83E-07	1.76E-06	1.02E-06	1.95E-08	4.71E-07	1.90E-08	5.09E-07
4054	473363.09, 3854877.25	1.14E-06	3.46E-06	2.00E-06	3.82E-08	9.23E-07	3.74E-08	9.99E-07	6.13E-07	1.85E-06	1.07E-06	2.05E-08	4.95E-07	2.00E-08	5.35E-07
4055	473863.09, 3854877.25	1.20E-06	3.63E-06	2.10E-06	4.01E-08	9.69E-07	3.92E-08	1.05E-06	6.43E-07	1.94E-06	1.12E-06	2.15E-08	5.19E-07	2.10E-08	5.61E-07
4056	474363.09, 3854877.25	1.27E-06	3.85E-06	2.23E-06	4.25E-08	1.03E-06	4.16E-08	1.11E-06	6.81E-07	2.06E-06	1.19E-06	2.27E-08	5.49E-07	2.22E-08	5.94E-07
4057	474863.09, 3854877.25	1.29E-06	3.89E-06	2.25E-06	4.31E-08	1.04E-06	4.21E-08	1.13E-06	6.84E-07	2.07E-06	1.20E-06	2.28E-08	5.52E-07	2.23E-08	5.97E-07
4058	475363.09, 3854877.25	1.24E-06	3.75E-06	2.17E-06	4.15E-08	1.00E-06	4.06E-08	1.08E-06	6.58E-07	1.99E-06	1.15E-06	2.20E-08	5.30E-07	2.15E-08	5.74E-07
4059	475863.09, 3854877.25	1.19E-06	3.59E-06	2.08E-06	3.97E-08	9.60E-07	3.88E-08	1.04E-06	6.29E-07	1.90E-06	1.10E-06	2.10E-08	5.07E-07	2.05E-08	5.49E-07
4060	476363.09, 3854877.25	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.82E-07	3.57E-08	9.54E-07	5.78E-07	1.74E-06	1.01E-06	1.93E-08	4.66E-07	1.88E-08	5.04E-07
4061	476863.09, 3854877.25	1.14E-06	3.44E-06	1.99E-06	3.80E-08	9.18E-07	3.71E-08	9.93E-07	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.24E-07
4062	477363.09, 3854877.25	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.09E-08	1.09E-06	6.60E-07	1.99E-06	1.15E-06	2.20E-08	5.32E-07	2.15E-08	5.76E-07
4063	477863.09, 3854877.25	1.35E-06	4.08E-06	2.36E-06	4.51E-08	1.09E-06	4.41E-08	1.18E-06	7.12E-07	2.15E-06	1.25E-06	2.38E-08	5.75E-07	2.32E-08	6.22E-07
4064	478363.09, 3854877.25	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06	8.23E-07	2.49E-06	1.44E-06	2.75E-08	6.64E-07	2.69E-08	7.19E-07
4065	478863.09, 3854877.25	1.84E-06	5.56E-06	3.22E-06	6.15E-08	1.48E-06	6.01E-08	1.61E-06	9.67E-07	2.92E-06	1.69E-06	3.23E-08	7.80E-07	3.15E-08	8.44E-07
4066	479363.09, 3854877.25	2.25E-06	6.81E-06	3.94E-06	7.53E-08	1.82E-06	7.36E-08	1.97E-06	1.18E-06	3.55E-06	2.06E-06	3.93E-08	9.50E-07	3.84E-08	1.03E-06
4067	479863.09, 3854877.25	2.70E-06	8.15E-06	4.72E-06	9.01E-08	2.18E-06	8.81E-08	2.35E-06	1.40E-06	4.24E-06	2.45E-06	4.69E-08	1.13E-06	4.58E-08	1.23E-06
4068	480363.09, 3854877.25	3.16E-06	9.56E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06	1.64E-06	4.96E-06	2.87E-06	5.48E-08	1.32E-06	5.36E-08	1.43E-06
4069	480863.09, 3854877.25	3.81E-06	1.15E-05	6.67E-06	1.27E-07	3.08E-06	1.24E-07	3.33E-06	1.98E-06	5.98E-06	3.46E-06	6.62E-08	1.60E-06	6.47E-08	1.73E-06
4070	481363.09, 3854877.25	4.66E-06	1.41E-05	8.15E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06	2.42E-06	7.32E-06	4.24E-06	8.10E-08	1.96E-06	7.91E-08	2.12E-06
4071	481863.09, 3854877.25	6.33E-06	1.91E-05	1.11E-05	2.11E-07	5.11E-06	2.07E-07	5.53E-06	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.84E-06
4072	482363.09, 3854877.25	9.64E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.41E-06	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.07E-06	1.65E-07	4.40E-06
4073	482863.09, 3854877.25	4.11E-05	1.24E-04	7.18E-05	1.37E-06	3.31E-05	1.34E-06	3.58E-05	2.08E-05	6.29E-05	3.64E-05	6.96E-07	1.68E-05	6.80E-07	1.82E-05
4074	483363.09, 3854877.25	6.24E-05	1.88E-04	1.09E-04	2.08E-06	5.04E-05	2.04E-06	5.45E-05	3.45E-05	1.04E-04	6.02E-05	1.15E-06	2.78E-05	1.12E-06	3.01E-05
4075	483863.09, 3854877.25	6.30E-05	1.90E-04	1.10E-04	2.10E-06	5.08E-05	2.05E-06	5.49E-05	3.17E-05	9.56E-05	5.53E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05
4076	484363.09, 3854877.25	6.54E-05	1.97E-04	1.14E-04	2.18E-06	5.27E-05	2.13E-06	5.70E-05	3.24E-05	9.77E-05	5.66E-05	1.08E-06	2.61E-05	1.06E-06	2.82E-05
4077	484863.09, 3854877.25	3.49E-05	1.05E-04	6.10E-05	1.17E-06	2.82E-05	1.14E-06	3.05E-05	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05
4078	485363.09, 3854877.25	2.25E-05	6.78E-05	3.93E-05	7.50E-07	1.81E-05	7.33E-07	1.96E-05	1.13E-05	3.40E-05	1.97E-05	3.76E-07	9.08E-06	3.67E-07	9.83E-06
4079	485863.09, 3854877.25	1.73E-05	5.22E-05	3.02E-05	5.77E-07	1.39E-05	5.64E-07	1.51E-05	8.70E-06	2.63E-05	1.52E-05	2.90E-07	7.01E-06	2.84E-07	7.59E-06
4080	486363.09, 3854877.25	1.42E-05	4.28E-05	2.48E-05	4.73E-07	1.14E-05	4.62E-07	1.24E-05	7.14E-06	2.16E-05	1.25E-05	2.38E-07	5.76E-06	2.33E-07	6.23E-06
4081	486863.09, 3854877.25	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.98E-07	1.07E-05	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.38E-06
4082	487363.09, 3854877.25	1.10E-05	3.34E-05	1.93E-05	3.69E-07	8.91E-06	3.61E-07	9.64E-06	5.59E-06	1.69E-05	9.76E-06	1.87E-07	4.51E-06	1.82E-07	4.87E-06
4083	487863.09, 3854877.25	1.01E-05	3.04E-05	1.76E-05	3.37E-07	8.13E-06	3.29E-07	8.79E-06	5.11E-06	1.54E-05	8.92E-06	1.70E-07	4.12E-06	1.67E-07	4.45E-06
4084	488363.09, 3854877.25	9.33E-06	2.82E-05	1.63E-05	3.11E-07	7.52E-06	3.04E-07	8.14E-06	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06
4085	488863.09, 3854877.25	8.78E-06	2.65E-05	1.53E-05	2.93E-07	7.08E-06	2.87E-07	7.66E-06	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.61E-06	1.46E-07	3.90E-06
4086	489363.09, 3854877.25	8.27E-06	2.50E-05	1.44E-05	2.76E-07	6.67E-06	2.70E-07	7.21E-06	4.22E-06	1.27E-05	7.37E-06	1.41E-07	3.40E-06	1.38E-07	3.68E-06
4087	489863.09, 3854877.25	7.77E-06	2.35E-05	1.36E-05	2.59E-07	6.27E-06	2.54E-07	6.78E-06	3.96E-06	1.20E-05	6.93E-06	1.32E-07	3.20E-06	1.29E-07	3.46E-06
4088	490363.09, 3854877.25	7.02E-06	2.12E-05	1.23E-05	2.34E-07	5.66E-06	2.29E-07	6.12E-06	3.57E-06	1.08E-05	6.25E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06

4089	490863.09, 3854877.25	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.92E-06	8.83E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
4090	491363.09, 3854877.25	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.74E-06	1.92E-07	5.12E-06	3.00E-06	9.05E-06	5.24E-06	1.00E-07	2.42E-06	9.78E-08	2.62E-06
4091	491863.09, 3854877.25	6.44E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.30E-06	9.96E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
4092	492363.09, 3854877.25	6.23E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.03E-07	5.44E-06	3.19E-06	9.65E-06	5.58E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06
4093	492863.09, 3854877.25	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.24E-06	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
4094	493363.09, 3854877.25	5.75E-06	1.74E-05	1.01E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06	2.95E-06	8.90E-06	5.15E-06	9.85E-08	2.38E-06	9.62E-08	2.57E-06
4095	493863.09, 3854877.25	5.53E-06	1.67E-05	9.67E-06	1.85E-07	4.46E-06	1.81E-07	4.83E-06	2.84E-06	8.57E-06	4.96E-06	9.47E-08	2.29E-06	9.26E-08	2.48E-06
4096	494363.09, 3854877.25	4.98E-06	1.50E-05	8.70E-06	1.66E-07	4.02E-06	1.62E-07	4.35E-06	2.55E-06	7.70E-06	4.46E-06	8.52E-08	2.06E-06	8.32E-08	2.23E-06
4097	494863.09, 3854877.25	4.13E-06	1.25E-05	7.22E-06	1.38E-07	3.33E-06	1.35E-07	3.61E-06	2.12E-06	6.41E-06	3.71E-06	7.09E-08	1.71E-06	6.93E-08	1.85E-06
4098	495363.09, 3854877.25	3.60E-06	1.09E-05	6.28E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06	1.85E-06	5.59E-06	3.23E-06	6.18E-08	1.49E-06	6.04E-08	1.61E-06
4099	495863.09, 3854877.25	3.29E-06	9.94E-06	5.75E-06	1.10E-07	2.66E-06	1.07E-07	2.87E-06	1.70E-06	5.13E-06	2.97E-06	5.67E-08	1.37E-06	5.54E-08	1.48E-06
4100	496363.09, 3854877.25	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06	1.51E-06	4.57E-06	2.64E-06	5.05E-08	1.22E-06	4.93E-08	1.32E-06
4101	496863.09, 3854877.25	2.71E-06	8.18E-06	4.74E-06	9.05E-08	2.19E-06	8.84E-08	2.37E-06	1.40E-06	4.23E-06	2.45E-06	4.68E-08	1.13E-06	4.57E-08	1.22E-06
4102	497363.09, 3854877.25	2.63E-06	7.94E-06	4.60E-06	8.78E-08	2.12E-06	8.58E-08	2.29E-06	1.36E-06	4.11E-06	2.38E-06	4.55E-08	1.10E-06	4.44E-08	1.19E-06
4103	497863.09, 3854877.25	2.71E-06	8.17E-06	4.73E-06	9.04E-08	2.18E-06	8.83E-08	2.36E-06	1.40E-06	4.23E-06	2.45E-06	4.68E-08	1.13E-06	4.57E-08	1.22E-06
4104	498363.09, 3854877.25	2.65E-06	7.99E-06	4.63E-06	8.84E-08	2.13E-06	8.64E-08	2.31E-06	1.37E-06	4.14E-06	2.40E-06	4.58E-08	1.11E-06	4.47E-08	1.20E-06
4105	471363.09, 3855377.25	9.41E-07	2.84E-06	1.64E-06	3.14E-08	7.59E-07	3.07E-08	8.21E-07	5.07E-07	1.53E-06	8.87E-07	1.69E-08	4.09E-07	1.66E-08	4.43E-07
4106	471863.09, 3855377.25	9.81E-07	2.96E-06	1.71E-06	3.28E-08	7.91E-07	3.20E-08	8.56E-07	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07
4107	472363.09, 3855377.25	1.03E-06	3.12E-06	1.80E-06	3.45E-08	8.33E-07	3.37E-08	9.01E-07	5.55E-07	1.67E-06	9.70E-07	1.85E-08	4.47E-07	1.81E-08	4.84E-07
4108	472863.09, 3855377.25	1.07E-06	3.24E-06	1.87E-06	3.58E-08	8.65E-07	3.50E-08	9.36E-07	5.75E-07	1.74E-06	1.00E-06	1.92E-08	4.64E-07	1.88E-08	5.02E-07
4109	473363.09, 3855377.25	1.13E-06	3.41E-06	1.97E-06	3.77E-08	9.11E-07	3.69E-08	9.86E-07	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.97E-08	5.28E-07
4110	473863.09, 3855377.25	1.19E-06	3.58E-06	2.07E-06	3.96E-08	9.57E-07	3.87E-08	1.04E-06	6.35E-07	1.92E-06	1.11E-06	2.12E-08	5.12E-07	2.07E-08	5.54E-07
4111	474363.09, 3855377.25	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.09E-08	1.09E-06	6.69E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.84E-07
4112	474863.09, 3855377.25	1.27E-06	3.84E-06	2.22E-06	4.25E-08	1.03E-06	4.15E-08	1.11E-06	6.75E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.89E-07
4113	475363.09, 3855377.25	1.05E-06	3.17E-06	1.84E-06	3.51E-08	8.48E-07	3.43E-08	9.18E-07	5.57E-07	1.68E-06	9.73E-07	1.86E-08	4.49E-07	1.82E-08	4.86E-07
4114	475863.09, 3855377.25	1.02E-06	3.06E-06	1.77E-06	3.39E-08	8.19E-07	3.31E-08	8.86E-07	5.37E-07	1.62E-06	9.39E-07	1.79E-08	4.33E-07	1.75E-08	4.69E-07
4115	476363.09, 3855377.25	1.10E-06	3.31E-06	1.92E-06	3.66E-08	8.85E-07	3.58E-08	9.58E-07	5.80E-07	1.75E-06	1.01E-06	1.94E-08	4.68E-07	1.89E-08	5.06E-07
4116	476863.09, 3855377.25	1.15E-06	3.46E-06	2.01E-06	3.83E-08	9.26E-07	3.74E-08	1.00E-06	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.98E-08	5.28E-07
4117	477363.09, 3855377.25	1.23E-06	3.71E-06	2.15E-06	4.10E-08	9.91E-07	4.01E-08	1.07E-06	6.48E-07	1.96E-06	1.13E-06	2.16E-08	5.22E-07	2.11E-08	5.65E-07
4118	477863.09, 3855377.25	1.39E-06	4.20E-06	2.43E-06	4.65E-08	1.12E-06	4.54E-08	1.21E-06	7.32E-07	2.21E-06	1.28E-06	2.44E-08	5.91E-07	2.39E-08	6.39E-07
4119	478363.09, 3855377.25	1.61E-06	4.86E-06	2.81E-06	5.37E-08	1.30E-06	5.25E-08	1.40E-06	8.44E-07	2.55E-06	1.47E-06	2.82E-08	6.80E-07	2.75E-08	7.36E-07
4120	478863.09, 3855377.25	1.85E-06	5.59E-06	3.24E-06	6.18E-08	1.49E-06	6.04E-08	1.62E-06	9.68E-07	2.92E-06	1.69E-06	3.23E-08	7.81E-07	3.16E-08	8.45E-07
4121	479363.09, 3855377.25	2.24E-06	6.76E-06	3.91E-06	7.48E-08	1.81E-06	7.30E-08	1.95E-06	1.16E-06	3.52E-06	2.04E-06	3.89E-08	9.39E-07	3.80E-08	1.02E-06
4122	479863.09, 3855377.25	2.66E-06	8.04E-06	4.65E-06	8.89E-08	2.15E-06	8.68E-08	2.32E-06	1.38E-06	4.16E-06	2.41E-06	4.60E-08	1.11E-06	4.50E-08	1.20E-06
4123	480363.09, 3855377.25	3.29E-06	9.92E-06	5.74E-06	1.10E-07	2.65E-06	1.07E-07	2.87E-06	1.70E-06	5.12E-06	2.97E-06	5.67E-08	1.37E-06	5.54E-08	1.48E-06
4124	480863.09, 3855377.25	3.95E-06	1.19E-05	6.90E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06	2.04E-06	6.17E-06	3.57E-06	6.82E-08	1.65E-06	6.67E-08	1.78E-06
4125	481363.09, 3855377.25	4.65E-06	1.41E-05	8.13E-06	1.55E-07	3.75E-06	1.52E-07	4.06E-06	2.42E-06	7.31E-06	4.23E-06	8.08E-08	1.95E-06	7.90E-08	2.11E-06
4126	481863.09, 3855377.25	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.13E-06	9.45E-06	5.47E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
4127	482363.09, 3855377.25	9.44E-06	2.85E-05	1.65E-05	3.15E-07	7.61E-06	3.08E-07	8.23E-06	4.85E-06	1.47E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06
4128	482863.09, 3855377.25	3.97E-05	1.20E-04	6.93E-05	1.32E-06	3.20E-05	1.29E-06	3.46E-05	1.97E-05	5.94E-05	3.44E-05	6.57E-07	1.59E-05	6.42E-07	1.72E-05
4129	483363.09, 3855377.25	5.63E-05	1.70E-04	9.85E-05	1.88E-06	4.54E-05	1.84E-06	4.92E-05	2.83E-05	8.54E-05	4.94E-05	9.44E-07	2.28E-05	9.23E-07	2.47E-05
4130	483863.09, 3855377.25	7.17E-05	2.16E-04	1.25E-04	2.39E-06	5.78E-05	2.34E-06	6.25E-05	4.04E-05	1.22E-04	7.06E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05
4131	484363.09, 3855377.25	6.75E-05	2.04E-04	1.18E-04	2.25E-06	5.44E-05	2.20E-06	5.89E-05	3.40E-05	1.03E-04	5.94E-05	1.13E-06	2.74E-05	1.11E-06	2.96E-05
4132	484863.09, 3855377.25	6.76E-05	2.04E-04	1.18E-04	2.26E-06	5.45E-05	2.21E-06	5.90E-05	3.36E-05	1.01E-04	5.87E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05
4133	485363.09, 3855377.25	4.27E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.39E-06	3.73E-05	2.13E-05	6.42E-05	3.72E-05	7.10E-07	1.72E-05	6.94E-07	1.86E-05
4134	485863.09, 3855377.25	2.63E-05	7.94E-05	4.60E-05	8.78E-07	2.12E-05	8.58E-07	2.29E-05	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05
4135	486363.09, 3855377.25	2.05E-05	6.20E-05	3.59E-05	6.86E-07	1.66E-05	6.70E-07	1.79E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.32E-06	3.36E-07	9.00E-06
4136	486863.09, 3855377.25	1.69E-05	5.12E-05	2.96E-05	5.66E-07	1.37E-05	5.53E-07	1.48E-05	8.52E-06	2.57E-05	1.49E-05	2.84E-07	6.87E-06	2.78E-07	7.43E-06
4137	487363.09, 3855377.25	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.77E-07	1.27E-05	7.36E-06	2.22E-05	1.29E-05	2.46E-07	5.94E-06	2.40E-07	6.43E-06
4138	487863.09, 3855377.25	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.18E-07	1.12E-05	6.48E-06	1.96E-05	1.13E-05	2.16E-07	5.23E-06	2.11E-07	5.65E-06
4139	488363.09, 3855377.25	1.15E-05	3.46E-05	2.00E-05	3.83E-07	9.25E-06	3.74E-07	1.00E-05	5.81E-06	1.75E-05	1.02E-05	1.94E-07	4.69E-06	1.90E-07	5.07E-06
4140	488863.09, 3855377.25	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.43E-06	3.41E-07	9.12E-06	5.31E-06	1.60E-05	9.27E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06
4141	489363.09, 3855377.25	9.67E-06	2.92E-05	1.69E-05	3.23E-07	7.80E-06	3.16E-07	8.44E-06	4.92E-06	1.48E-05	8.60E-06	1.64E-07	3.97E-06	1.60E-07	4.29E-06
4142	489863.09, 3855377.25	9.08E-06	2.74E-05	1.59E-05	3.03E-07	7.32E-06	2.96E-07	7.92E-06	4.62E-06	1.39E-05	8.07E-06	1.54E-07	3.72E-06	1.51E-07	4.03E-06
4143	490363.09, 3855377.25	8.53E-06	2.58E-05	1.49E-05	2.85E-07	6.88E-06	2.78E-07	7.44E-06	4.35E-06	1.31E-05	7.60E-06	1.45E-07	3.51E-06	1.42E-07	3.79E-06
4144	490863.09, 3855377.25	7.50E-06	2.26E-05	1.31E-05	2.50E-07	6.05E-06	2.45E-07	6.54E-06	3.81E-06	1.15E-05	6.65E-06	1.27E-07	3.07E-06	1.24E-07	3.32E-06
4145	491363.09, 3855377.25	6.73E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.87E-06	3.42E-06	1.03E-05	5.98E-06	1.14E-07	2.76E-06	1.12E-07	2.98E-06
4146	491863.09, 3855377.25	7.28E-06	2.20E-05	1.27E-05	2.43E-07	5.87E-06	2.37E-07	6.35E-06	3.71E-06	1.12E-05	6.49E-06	1.24E-07	3.00E-06	1.21E-07	3.24E-06
4147	492363.09, 3855377.25	6.96E-06	2.10E-05	1.22E-05	2.32E-07	5.61E-06	2.27E-07	6.07E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
4148	492863.09, 3855377.25	6.64E-06	2.00E-05	1.16E-05	2.22E-07	5.36E-06	2.17E-07	5.79E-06	3.39E-06	1.02E-05	5.93E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
4149	493363.09, 3855377.25	6.27E-06	1.89E-05	1.10E-05	2.10E-07	5.06E-06	2.05E-07	5.48E-06	3.21E-06	9.68E-06	5.60E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06
4150	493863.09, 3855377.25	5.65E-06	1.71E-05	9.88E-06	1.89E-07	4.56E-06	1.84E-07	4.93E-06	2.89E-06	8.71E-06	5.04E-06	9.64E-08	2.33E-06	9.42E-08	2.52E-06

4151	494363.09, 3855377.25	4.70E-06	1.42E-05	8.21E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.40E-06	7.26E-06	4.20E-06	8.03E-08	1.94E-06	7.85E-08	2.10E-06
4152	494863.09, 3855377.25	3.86E-06	1.17E-05	6.75E-06	1.29E-07	3.11E-06	1.26E-07	3.37E-06	1.98E-06	5.99E-06	3.47E-06	6.62E-08	1.60E-06	6.47E-08	1.73E-06
4153	495363.09, 3855377.25	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06	1.71E-06	5.15E-06	2.98E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06
4154	495863.09, 3855377.25	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.71E-08	2.60E-06	1.54E-06	4.64E-06	2.68E-06	5.13E-08	1.24E-06	5.01E-08	1.34E-06
4155	496363.09, 3855377.25	2.88E-06	8.68E-06	5.03E-06	9.60E-08	2.32E-06	9.38E-08	2.51E-06	1.48E-06	4.48E-06	2.60E-06	4.96E-08	1.20E-06	4.85E-08	1.30E-06
4156	496863.09, 3855377.25	2.79E-06	8.44E-06	4.88E-06	9.33E-08	2.25E-06	9.12E-08	2.44E-06	1.44E-06	4.36E-06	2.52E-06	4.82E-08	1.16E-06	4.71E-08	1.26E-06
4157	497363.09, 3855377.25	2.76E-06	8.35E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06	1.43E-06	4.32E-06	2.50E-06	4.77E-08	1.15E-06	4.66E-08	1.25E-06
4158	497863.09, 3855377.25	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06	1.44E-06	4.36E-06	2.52E-06	4.82E-08	1.16E-06	4.71E-08	1.26E-06
4159	498363.09, 3855377.25	2.84E-06	8.58E-06	4.97E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06
4160	471363.09, 3855877.25	9.10E-07	2.75E-06	1.59E-06	3.04E-08	7.34E-07	2.97E-08	7.94E-07	4.91E-07	1.48E-06	8.58E-07	1.64E-08	3.96E-07	1.60E-08	4.28E-07
4161	471863.09, 3855877.25	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.66E-07	3.10E-08	8.29E-07	5.12E-07	1.55E-06	8.94E-07	1.71E-08	4.13E-07	1.67E-08	4.47E-07
4162	472363.09, 3855877.25	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.08E-07	3.27E-08	8.74E-07	5.39E-07	1.63E-06	9.42E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07
4163	472863.09, 3855877.25	1.05E-06	3.16E-06	1.83E-06	3.49E-08	8.44E-07	3.41E-08	9.13E-07	5.61E-07	1.69E-06	9.80E-07	1.87E-08	4.52E-07	1.83E-08	4.89E-07
4164	473363.09, 3855877.25	1.11E-06	3.35E-06	1.94E-06	3.70E-08	8.94E-07	3.62E-08	9.67E-07	5.94E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07
4165	473863.09, 3855877.25	1.17E-06	3.55E-06	2.05E-06	3.92E-08	9.47E-07	3.83E-08	1.03E-06	6.28E-07	1.90E-06	1.10E-06	2.10E-08	5.07E-07	2.05E-08	5.48E-07
4166	474363.09, 3855877.25	1.23E-06	3.73E-06	2.16E-06	4.12E-08	9.96E-07	4.03E-08	1.08E-06	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.31E-07	2.15E-08	5.75E-07
4167	474863.09, 3855877.25	1.25E-06	3.77E-06	2.18E-06	4.17E-08	1.01E-06	4.07E-08	1.09E-06	6.61E-07	1.99E-06	1.15E-06	2.21E-08	5.33E-07	2.16E-08	5.76E-07
4168	475363.09, 3855877.25	1.12E-06	3.38E-06	1.96E-06	3.74E-08	9.04E-07	3.66E-08	9.78E-07	5.92E-07	1.79E-06	1.03E-06	1.98E-08	4.77E-07	1.93E-08	5.16E-07
4169	475863.09, 3855877.25	9.16E-07	2.76E-06	1.60E-06	3.06E-08	7.38E-07	2.99E-08	7.99E-07	4.84E-07	1.46E-06	8.46E-07	1.62E-08	3.91E-07	1.58E-08	4.22E-07
4170	476363.09, 3855877.25	9.66E-07	2.92E-06	1.69E-06	3.23E-08	7.79E-07	3.15E-08	8.43E-07	5.10E-07	1.54E-06	8.92E-07	1.70E-08	4.12E-07	1.66E-08	4.45E-07
4171	476863.09, 3855877.25	1.12E-06	3.37E-06	1.95E-06	3.73E-08	9.00E-07	3.64E-08	9.74E-07	5.89E-07	1.78E-06	1.03E-06	1.97E-08	4.75E-07	1.92E-08	5.14E-07
4172	477363.09, 3855877.25	1.24E-06	3.74E-06	2.16E-06	4.13E-08	9.98E-07	4.04E-08	1.08E-06	6.52E-07	1.97E-06	1.14E-06	2.18E-08	5.26E-07	2.13E-08	5.69E-07
4173	477863.09, 3855877.25	1.39E-06	4.21E-06	2.43E-06	4.65E-08	1.12E-06	4.55E-08	1.22E-06	7.31E-07	2.21E-06	1.28E-06	2.44E-08	5.90E-07	2.39E-08	6.38E-07
4174	478363.09, 3855877.25	1.61E-06	4.86E-06	2.81E-06	5.37E-08	1.30E-06	5.25E-08	1.40E-06	8.42E-07	2.54E-06	1.47E-06	2.81E-08	6.79E-07	2.75E-08	7.35E-07
4175	478863.09, 3855877.25	1.93E-06	5.81E-06	3.37E-06	6.43E-08	1.55E-06	6.28E-08	1.68E-06	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.75E-07
4176	479363.09, 3855877.25	2.33E-06	7.03E-06	4.07E-06	7.77E-08	1.88E-06	7.59E-08	2.03E-06	1.21E-06	3.64E-06	2.11E-06	4.03E-08	9.73E-07	3.93E-08	1.05E-06
4177	479863.09, 3855877.25	2.76E-06	8.34E-06	4.83E-06	9.22E-08	2.23E-06	9.01E-08	2.41E-06	1.43E-06	4.30E-06	2.49E-06	4.76E-08	1.15E-06	4.65E-08	1.24E-06
4178	480363.09, 3855877.25	3.31E-06	9.98E-06	5.78E-06	1.10E-07	2.67E-06	1.08E-07	2.89E-06	1.70E-06	5.14E-06	2.98E-06	5.68E-08	1.37E-06	5.56E-08	1.49E-06
4179	480863.09, 3855877.25	3.94E-06	1.19E-05	6.88E-06	1.31E-07	3.18E-06	1.28E-07	3.43E-06	2.03E-06	6.12E-06	3.54E-06	6.77E-08	1.63E-06	6.61E-08	1.77E-06
4180	481363.09, 3855877.25	4.75E-06	1.43E-05	8.30E-06	1.59E-07	3.83E-06	1.55E-07	4.14E-06	2.43E-06	7.33E-06	4.25E-06	8.11E-08	1.96E-06	7.93E-08	2.12E-06
4181	481863.09, 3855877.25	5.57E-06	1.68E-05	9.74E-06	1.86E-07	4.50E-06	1.82E-07	4.86E-06	2.88E-06	8.70E-06	5.04E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06
4182	482363.09, 3855877.25	7.60E-06	2.29E-05	1.33E-05	2.54E-07	6.13E-06	2.48E-07	6.63E-06	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
4183	482863.09, 3855877.25	1.33E-05	4.02E-05	2.33E-05	4.45E-07	1.07E-05	4.35E-07	1.16E-05	6.74E-06	2.04E-05	1.18E-05	2.25E-07	5.44E-06	2.20E-07	5.88E-06
4184	483363.09, 3855877.25	4.85E-05	1.46E-04	8.47E-05	1.62E-06	3.91E-05	1.58E-06	4.23E-05	2.40E-05	7.23E-05	4.19E-05	8.00E-07	1.93E-05	7.82E-07	2.09E-05
4185	483863.09, 3855877.25	6.01E-05	1.82E-04	1.05E-04	2.01E-06	4.85E-05	1.96E-06	5.25E-05	3.00E-05	9.07E-05	5.25E-05	1.00E-06	2.42E-05	9.80E-07	2.62E-05
4186	484363.09, 3855877.25	8.08E-05	2.44E-04	1.41E-04	2.70E-06	6.52E-05	2.64E-06	7.05E-05	4.83E-05	1.46E-04	8.44E-05	1.61E-06	3.89E-05	1.58E-06	4.21E-05
4187	484863.09, 3855877.25	6.95E-05	2.10E-04	1.22E-04	2.32E-06	5.61E-05	2.27E-06	6.07E-05	3.52E-05	1.06E-04	6.16E-05	1.18E-06	2.84E-05	1.15E-06	3.07E-05
4188	485363.09, 3855877.25	6.93E-05	2.09E-04	1.21E-04	2.31E-06	5.59E-05	2.26E-06	6.04E-05	3.45E-05	1.04E-04	6.03E-05	1.15E-06	2.78E-05	1.13E-06	3.01E-05
4189	485863.09, 3855877.25	5.17E-05	1.56E-04	9.04E-05	1.73E-06	4.17E-05	1.69E-06	4.51E-05	2.57E-05	7.76E-05	4.49E-05	8.59E-07	2.07E-05	8.39E-07	2.24E-05
4190	486363.09, 3855877.25	2.91E-05	8.78E-05	5.08E-05	9.71E-07	2.34E-05	9.49E-07	2.54E-05	1.46E-05	4.39E-05	2.54E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05
4191	486863.09, 3855877.25	2.23E-05	6.75E-05	3.91E-05	7.46E-07	1.80E-05	7.29E-07	1.95E-05	1.12E-05	3.39E-05	1.96E-05	3.74E-07	9.04E-06	3.66E-07	9.78E-06
4192	487363.09, 3855877.25	1.82E-05	5.50E-05	3.19E-05	6.09E-07	1.47E-05	5.95E-07	1.59E-05	9.18E-06	2.77E-05	1.60E-05	3.07E-07	7.41E-06	3.00E-07	8.01E-06
4193	487863.09, 3855877.25	1.55E-05	4.67E-05	2.70E-05	5.17E-07	1.25E-05	5.05E-07	1.35E-05	7.82E-06	2.36E-05	1.37E-05	2.61E-07	6.31E-06	2.55E-07	6.82E-06
4194	488363.09, 3855877.25	1.35E-05	4.08E-05	2.36E-05	4.52E-07	1.09E-05	4.41E-07	1.18E-05	6.86E-06	2.07E-05	1.20E-05	2.29E-07	5.53E-06	2.24E-07	5.98E-06
4195	488863.09, 3855877.25	1.21E-05	3.66E-05	2.12E-05	4.05E-07	9.78E-06	3.96E-07	1.06E-05	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.96E-06	2.01E-07	5.37E-06
4196	489363.09, 3855877.25	1.11E-05	3.34E-05	1.93E-05	3.70E-07	8.93E-06	3.61E-07	9.66E-06	5.63E-06	1.70E-05	9.84E-06	1.88E-07	4.54E-06	1.84E-07	4.91E-06
4197	489863.09, 3855877.25	1.02E-05	3.09E-05	1.79E-05	3.42E-07	8.27E-06	3.34E-07	8.94E-06	5.21E-06	1.57E-05	9.11E-06	1.74E-07	4.21E-06	1.70E-07	4.55E-06
4198	490363.09, 3855877.25	9.53E-06	2.88E-05	1.67E-05	3.18E-07	7.69E-06	3.11E-07	8.32E-06	4.86E-06	1.47E-05	8.49E-06	1.62E-07	3.92E-06	1.58E-07	4.24E-06
4199	490863.09, 3855877.25	8.97E-06	2.71E-05	1.57E-05	3.00E-07	7.23E-06	2.93E-07	7.83E-06	4.57E-06	1.38E-05	7.99E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06
4200	491363.09, 3855877.25	8.48E-06	2.56E-05	1.48E-05	2.83E-07	6.84E-06	2.77E-07	7.40E-06	4.31E-06	1.30E-05	7.53E-06	1.44E-07	3.47E-06	1.41E-07	3.76E-06
4201	491863.09, 3855877.25	8.01E-06	2.42E-05	1.40E-05	2.67E-07	6.46E-06	2.61E-07	6.99E-06	4.09E-06	1.23E-05	7.14E-06	1.36E-07	3.30E-06	1.33E-07	3.57E-06
4202	492363.09, 3855877.25	7.63E-06	2.30E-05	1.33E-05	2.55E-07	6.15E-06	2.49E-07	6.65E-06	3.89E-06	1.17E-05	6.80E-06	1.30E-07	3.14E-06	1.27E-07	3.40E-06
4203	492863.09, 3855877.25	7.24E-06	2.19E-05	1.27E-05	2.42E-07	5.84E-06	2.36E-07	6.32E-06	3.70E-06	1.12E-05	6.46E-06	1.23E-07	2.98E-06	1.21E-07	3.22E-06
4204	493363.09, 3855877.25	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.93E-06
4205	493863.09, 3855877.25	5.45E-06	1.64E-05	9.52E-06	1.82E-07	4.39E-06	1.78E-07	4.75E-06	2.78E-06	8.39E-06	4.86E-06	9.28E-08	2.24E-06	9.07E-08	2.43E-06
4206	494363.09, 3855877.25	4.32E-06	1.30E-05	7.55E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	2.21E-06	6.68E-06	3.87E-06	7.39E-08	1.79E-06	7.22E-08	1.93E-06
4207	494863.09, 3855877.25	3.62E-06	1.09E-05	6.33E-06	1.21E-07	2.92E-06	1.18E-07	3.16E-06	1.86E-06	5.62E-06	3.25E-06	6.22E-08	1.50E-06	6.07E-08	1.62E-06
4208	495363.09, 3855877.25	3.04E-06	9.18E-06	5.31E-06	1.02E-07	2.45E-06	9.92E-08	2.65E-06	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06
4209	495863.09, 3855877.25	2.94E-06	8.88E-06	5.14E-06	9.83E-08	2.37E-06	9.60E-08	2.57E-06	1.52E-06	4.58E-06	2.65E-06	5.07E-08	1.22E-06	4.95E-08	1.33E-06
4210	496363.09, 3855877.25	2.88E-06	8.68E-06	5.03E-06	9.60E-08	2.32E-06	9.38E-08	2.51E-06	1.48E-06	4.48E-06	2.60E-06	4.96E-08	1.20E-06	4.84E-08	1.30E-06
4211	496863.09, 3855877.25	2.87E-06	8.67E-06	5.02E-06	9.58E-08	2.32E-06	9.37E-08	2.50E-06	1.48E-06	4.48E-06	2.59E-06	4.95E-08	1.20E-06	4.84E-08	1.29E-06
4212	497363.09, 3855877.25	2.88E-06	8.70E-06	5.03E-06	9.62E-08	2.32E-06	9.40E-08	2.51E-06	1.49E-06	4.50E-06	2.60E-06	4.97E-08	1.20E-06	4.86E-08	1.30E-06

4213	497863.09, 3855877.25	2.93E-06	8.83E-06	5.11E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06	1.51E-06	4.57E-06	2.64E-06	5.05E-08	1.22E-06	4.94E-08	1.32E-06
4214	498363.09, 3855877.25	3.09E-06	9.34E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06	1.60E-06	4.83E-06	2.79E-06	5.34E-08	1.29E-06	5.21E-08	1.39E-06
4215	471363.09, 3856377.25	8.86E-07	2.68E-06	1.55E-06	2.96E-08	7.15E-07	2.89E-08	7.73E-07	4.77E-07	1.44E-06	8.35E-07	1.59E-08	3.85E-07	1.56E-08	4.17E-07
4216	471863.09, 3856377.25	9.26E-07	2.80E-06	1.62E-06	3.09E-08	7.47E-07	3.02E-08	8.08E-07	4.98E-07	1.50E-06	8.71E-07	1.66E-08	4.02E-07	1.63E-08	4.35E-07
4217	472363.09, 3856377.25	9.73E-07	2.94E-06	1.70E-06	3.25E-08	7.85E-07	3.18E-08	8.49E-07	5.23E-07	1.58E-06	9.14E-07	1.75E-08	4.22E-07	1.71E-08	4.57E-07
4218	472863.09, 3856377.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.30E-07	3.36E-08	8.98E-07	5.52E-07	1.67E-06	9.65E-07	1.84E-08	4.45E-07	1.80E-08	4.82E-07
4219	473363.09, 3856377.25	1.09E-06	3.28E-06	1.90E-06	3.62E-08	8.76E-07	3.54E-08	9.47E-07	5.81E-07	1.75E-06	1.02E-06	1.94E-08	4.69E-07	1.90E-08	5.07E-07
4220	473863.09, 3856377.25	1.15E-06	3.48E-06	2.02E-06	3.85E-08	9.30E-07	3.76E-08	1.01E-06	6.17E-07	1.86E-06	1.08E-06	2.06E-08	4.98E-07	2.01E-08	5.38E-07
4221	474363.09, 3856377.25	1.21E-06	3.64E-06	2.11E-06	4.02E-08	9.72E-07	3.93E-08	1.05E-06	6.42E-07	1.94E-06	1.12E-06	2.14E-08	5.18E-07	2.09E-08	5.60E-07
4222	474863.09, 3856377.25	1.25E-06	3.79E-06	2.19E-06	4.19E-08	1.01E-06	4.09E-08	1.09E-06	6.64E-07	2.00E-06	1.16E-06	2.22E-08	5.35E-07	2.17E-08	5.79E-07
4223	475363.09, 3856377.25	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.08E-08	1.09E-06	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.31E-07	2.15E-08	5.75E-07
4224	475863.09, 3856377.25	1.14E-06	3.44E-06	1.99E-06	3.80E-08	9.18E-07	3.71E-08	9.93E-07	5.99E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.23E-07
4225	476363.09, 3856377.25	1.15E-06	3.47E-06	2.01E-06	3.83E-08	9.26E-07	3.74E-08	1.00E-06	6.04E-07	1.82E-06	1.06E-06	2.02E-08	4.87E-07	1.97E-08	5.27E-07
4226	476863.09, 3856377.25	1.20E-06	3.63E-06	2.10E-06	4.02E-08	9.70E-07	3.93E-08	1.05E-06	6.32E-07	1.91E-06	1.10E-06	2.11E-08	5.10E-07	2.06E-08	5.52E-07
4227	477363.09, 3856377.25	1.28E-06	3.88E-06	2.24E-06	4.29E-08	1.04E-06	4.19E-08	1.12E-06	6.74E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.88E-07
4228	477863.09, 3856377.25	1.23E-06	3.72E-06	2.15E-06	4.11E-08	9.93E-07	4.02E-08	1.07E-06	6.47E-07	1.95E-06	1.13E-06	2.16E-08	5.22E-07	2.11E-08	5.65E-07
4229	478363.09, 3856377.25	1.26E-06	3.81E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06	6.62E-07	2.00E-06	1.16E-06	2.21E-08	5.34E-07	2.16E-08	5.78E-07
4230	478863.09, 3856377.25	1.71E-06	5.17E-06	2.99E-06	5.72E-08	1.38E-06	5.59E-08	1.50E-06	8.93E-07	2.70E-06	1.56E-06	2.98E-08	7.20E-07	2.91E-08	7.79E-07
4231	479363.09, 3856377.25	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.66E-06	6.73E-08	1.80E-06	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.62E-07	3.49E-08	9.33E-07
4232	479863.09, 3856377.25	2.69E-06	8.12E-06	4.70E-06	8.98E-08	2.17E-06	8.78E-08	2.35E-06	1.39E-06	4.18E-06	2.42E-06	4.63E-08	1.12E-06	4.52E-08	1.21E-06
4233	480363.09, 3856377.25	3.23E-06	9.74E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.82E-06	1.66E-06	5.01E-06	2.90E-06	5.54E-08	1.34E-06	5.42E-08	1.45E-06
4234	480863.09, 3856377.25	3.70E-06	1.12E-05	6.47E-06	1.24E-07	2.99E-06	1.21E-07	3.23E-06	1.91E-06	5.76E-06	3.33E-06	6.37E-08	1.54E-06	6.22E-08	1.66E-06
4235	481363.09, 3856377.25	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.18E-06	6.59E-06	3.82E-06	7.29E-08	1.76E-06	7.12E-08	1.90E-06
4236	481863.09, 3856377.25	4.88E-06	1.47E-05	8.53E-06	1.63E-07	3.94E-06	1.59E-07	4.26E-06	2.53E-06	7.63E-06	4.42E-06	8.44E-08	2.04E-06	8.24E-08	2.20E-06
4237	482363.09, 3856377.25	6.05E-06	1.83E-05	1.06E-05	2.02E-07	4.88E-06	1.98E-07	5.28E-06	3.12E-06	9.43E-06	5.46E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
4238	482863.09, 3856377.25	8.58E-06	2.59E-05	1.50E-05	2.87E-07	6.92E-06	2.80E-07	7.49E-06	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.54E-06	1.43E-07	3.82E-06
4239	483363.09, 3856377.25	2.38E-05	7.18E-05	4.16E-05	7.95E-07	1.92E-05	7.76E-07	2.08E-05	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.55E-06	3.86E-07	1.03E-05
4240	483863.09, 3856377.25	5.32E-05	1.61E-04	9.29E-05	1.78E-06	4.29E-05	1.73E-06	4.64E-05	2.62E-05	7.92E-05	4.58E-05	8.76E-07	2.12E-05	8.56E-07	2.29E-05
4241	484363.09, 3856377.25	6.17E-05	1.86E-04	1.08E-04	2.06E-06	4.98E-05	2.01E-06	5.39E-05	3.07E-05	9.27E-05	5.37E-05	1.03E-06	2.48E-05	1.00E-06	2.68E-05
4242	484863.09, 3856377.25	7.74E-05	2.34E-04	1.35E-04	2.58E-06	6.24E-05	2.52E-06	6.75E-05	4.43E-05	1.34E-04	7.75E-05	1.48E-06	3.57E-05	1.45E-06	3.87E-05
4243	485363.09, 3856377.25	7.09E-05	2.14E-04	1.24E-04	2.37E-06	5.72E-05	2.31E-06	6.18E-05	3.64E-05	1.10E-04	6.35E-05	1.21E-06	2.93E-05	1.19E-06	3.17E-05
4244	485863.09, 3856377.25	7.01E-05	2.12E-04	1.23E-04	2.34E-06	5.66E-05	2.29E-06	6.12E-05	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.83E-05	1.14E-06	3.06E-05
4245	486363.09, 3856377.25	6.16E-05	1.86E-04	1.08E-04	2.06E-06	4.97E-05	2.01E-06	5.38E-05	3.05E-05	9.22E-05	5.34E-05	1.02E-06	2.46E-05	9.96E-07	2.66E-05
4246	486863.09, 3856377.25	3.07E-05	9.26E-05	5.36E-05	1.02E-06	2.47E-05	1.00E-06	2.68E-05	1.54E-05	4.64E-05	2.69E-05	5.13E-07	1.24E-05	5.02E-07	1.34E-05
4247	487363.09, 3856377.25	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.43E-07	1.99E-05	1.15E-05	3.46E-05	2.00E-05	3.83E-07	9.25E-06	3.74E-07	1.00E-05
4248	487863.09, 3856377.25	1.85E-05	5.57E-05	3.23E-05	6.16E-07	1.49E-05	6.02E-07	1.61E-05	9.34E-06	2.82E-05	1.63E-05	3.12E-07	7.53E-06	3.05E-07	8.15E-06
4249	488363.09, 3856377.25	1.58E-05	4.77E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05	8.01E-06	2.42E-05	1.40E-05	2.68E-07	6.46E-06	2.61E-07	6.99E-06
4250	488863.09, 3856377.25	1.39E-05	4.21E-05	2.44E-05	4.66E-07	1.12E-05	4.55E-07	1.22E-05	7.09E-06	2.14E-05	1.24E-05	2.37E-07	5.72E-06	2.31E-07	6.19E-06
4251	489363.09, 3856377.25	1.26E-05	3.80E-05	2.20E-05	4.20E-07	1.02E-05	4.11E-07	1.10E-05	6.41E-06	1.93E-05	1.12E-05	2.14E-07	5.17E-06	2.09E-07	5.59E-06
4252	489863.09, 3856377.25	1.15E-05	3.47E-05	2.01E-05	3.83E-07	9.26E-06	3.75E-07	1.00E-05	5.85E-06	1.77E-05	1.02E-05	1.95E-07	4.72E-06	1.91E-07	5.10E-06
4253	490363.09, 3856377.25	1.06E-05	3.20E-05	1.85E-05	3.54E-07	8.56E-06	3.46E-07	9.26E-06	5.41E-06	1.63E-05	9.45E-06	1.81E-07	4.36E-06	1.76E-07	4.72E-06
4254	490863.09, 3856377.25	9.89E-06	2.99E-05	1.73E-05	3.30E-07	7.98E-06	3.23E-07	8.63E-06	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.07E-06	1.65E-07	4.40E-06
4255	491363.09, 3856377.25	9.27E-06	2.80E-05	1.62E-05	3.09E-07	7.47E-06	3.02E-07	8.09E-06	4.72E-06	1.43E-05	8.26E-06	1.58E-07	3.81E-06	1.54E-07	4.12E-06
4256	491863.09, 3856377.25	8.74E-06	2.64E-05	1.53E-05	2.92E-07	7.05E-06	2.85E-07	7.63E-06	4.46E-06	1.35E-05	7.79E-06	1.49E-07	3.59E-06	1.45E-07	3.89E-06
4257	492363.09, 3856377.25	8.30E-06	2.51E-05	1.45E-05	2.77E-07	6.69E-06	2.71E-07	7.24E-06	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06
4258	492863.09, 3856377.25	7.68E-06	2.32E-05	1.34E-05	2.56E-07	6.19E-06	2.50E-07	6.70E-06	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
4259	493363.09, 3856377.25	6.16E-06	1.86E-05	1.08E-05	2.06E-07	4.97E-06	2.01E-07	5.37E-06	3.13E-06	9.46E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.73E-06
4260	493863.09, 3856377.25	5.11E-06	1.54E-05	8.93E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.61E-06	7.88E-06	4.56E-06	8.72E-08	2.11E-06	8.52E-08	2.28E-06
4261	494363.09, 3856377.25	4.12E-06	1.24E-05	7.20E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.11E-06	6.38E-06	3.69E-06	7.05E-08	1.70E-06	6.89E-08	1.84E-06
4262	494863.09, 3856377.25	3.45E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.01E-06	1.78E-06	5.37E-06	3.11E-06	5.94E-08	1.43E-06	5.80E-08	1.55E-06
4263	495363.09, 3856377.25	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06	1.59E-06	4.79E-06	2.77E-06	5.29E-08	1.28E-06	5.17E-08	1.38E-06
4264	495863.09, 3856377.25	2.95E-06	8.92E-06	5.16E-06	9.86E-08	2.38E-06	9.64E-08	2.58E-06	1.53E-06	4.61E-06	2.67E-06	5.09E-08	1.23E-06	4.98E-08	1.33E-06
4265	496363.09, 3856377.25	2.93E-06	8.84E-06	5.12E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06	1.51E-06	4.57E-06	2.64E-06	5.05E-08	1.22E-06	4.93E-08	1.32E-06
4266	496863.09, 3856377.25	2.98E-06	8.99E-06	5.20E-06	9.94E-08	2.40E-06	9.71E-08	2.60E-06	1.54E-06	4.64E-06	2.69E-06	5.14E-08	1.24E-06	5.02E-08	1.34E-06
4267	497363.09, 3856377.25	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06	1.56E-06	4.72E-06	2.73E-06	5.22E-08	1.26E-06	5.10E-08	1.36E-06
4268	497863.09, 3856377.25	3.14E-06	9.47E-06	5.48E-06	1.05E-07	2.53E-06	1.02E-07	2.74E-06	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06
4269	498363.09, 3856377.25	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06	1.71E-06	5.16E-06	2.99E-06	5.71E-08	1.38E-06	5.58E-08	1.49E-06
4270	471363.09, 3856877.25	8.69E-07	2.62E-06	1.52E-06	2.90E-08	7.01E-07	2.84E-08	7.58E-07	4.68E-07	1.41E-06	8.18E-07	1.56E-08	3.77E-07	1.53E-08	4.08E-07
4271	471863.09, 3856877.25	9.09E-07	2.74E-06	1.59E-06	3.03E-08	7.33E-07	2.96E-08	7.93E-07	4.88E-07	1.47E-06	8.53E-07	1.63E-08	3.93E-07	1.59E-08	4.26E-07
4272	472363.09, 3856877.25	9.54E-07	2.88E-06	1.67E-06	3.19E-08	7.70E-07	3.11E-08	8.33E-07	5.11E-07	1.54E-06	8.94E-07	1.71E-08	4.13E-07	1.67E-08	4.46E-07
4273	472863.09, 3856877.25	1.00E-06	3.03E-06	1.76E-06	3.36E-08	8.10E-07	3.28E-08	8.77E-07	5.37E-07	1.62E-06	9.39E-07	1.79E-08	4.33E-07	1.75E-08	4.69E-07
4274	473363.09, 3856877.25	1.07E-06	3.22E-06	1.87E-06	3.57E-08	8.61E-07	3.48E-08	9.32E-07	5.71E-07	1.72E-06	9.98E-07	1.91E-08	4.60E-07	1.86E-08	4.98E-07

4275	473863.09, 3856877.25	1.13E-06	3.41E-06	1.97E-06	3.77E-08	9.10E-07	3.68E-08	9.85E-07	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.96E-08	5.25E-07
4276	474363.09, 3856877.25	1.18E-06	3.57E-06	2.06E-06	3.94E-08	9.52E-07	3.85E-08	1.03E-06	6.28E-07	1.89E-06	1.10E-06	2.10E-08	5.06E-07	2.05E-08	5.48E-07
4277	474863.09, 3856877.25	1.23E-06	3.71E-06	2.15E-06	4.11E-08	9.92E-07	4.01E-08	1.07E-06	6.50E-07	1.96E-06	1.14E-06	2.17E-08	5.24E-07	2.12E-08	5.67E-07
4278	475363.09, 3856877.25	1.24E-06	3.76E-06	2.17E-06	4.16E-08	1.00E-06	4.06E-08	1.09E-06	6.55E-07	1.98E-06	1.14E-06	2.19E-08	5.28E-07	2.14E-08	5.71E-07
4279	475863.09, 3856877.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	6.83E-07	2.06E-06	1.19E-06	2.28E-08	5.51E-07	2.23E-08	5.96E-07
4280	476363.09, 3856877.25	1.29E-06	3.91E-06	2.26E-06	4.32E-08	1.04E-06	4.22E-08	1.13E-06	6.78E-07	2.05E-06	1.18E-06	2.26E-08	5.47E-07	2.21E-08	5.91E-07
4281	476863.09, 3856877.25	1.31E-06	3.97E-06	2.30E-06	4.39E-08	1.06E-06	4.29E-08	1.15E-06	6.88E-07	2.08E-06	1.20E-06	2.30E-08	5.55E-07	2.24E-08	6.00E-07
4282	477363.09, 3856877.25	1.30E-06	3.93E-06	2.27E-06	4.34E-08	1.05E-06	4.24E-08	1.13E-06	6.80E-07	2.05E-06	1.19E-06	2.27E-08	5.49E-07	2.22E-08	5.94E-07
4283	477863.09, 3856877.25	1.16E-06	3.51E-06	2.03E-06	3.88E-08	9.38E-07	3.79E-08	1.01E-06	6.11E-07	1.85E-06	1.07E-06	2.04E-08	4.93E-07	1.99E-08	5.33E-07
4284	478363.09, 3856877.25	1.18E-06	3.56E-06	2.06E-06	3.93E-08	9.50E-07	3.84E-08	1.03E-06	6.19E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07
4285	478863.09, 3856877.25	1.33E-06	4.03E-06	2.33E-06	4.46E-08	1.08E-06	4.36E-08	1.16E-06	6.99E-07	2.11E-06	1.22E-06	2.34E-08	5.64E-07	2.28E-08	6.10E-07
4286	479363.09, 3856877.25	1.58E-06	4.78E-06	2.77E-06	5.28E-08	1.28E-06	5.16E-08	1.38E-06	8.25E-07	2.49E-06	1.44E-06	2.75E-08	6.65E-07	2.69E-08	7.20E-07
4287	479863.09, 3856877.25	2.53E-06	7.65E-06	4.43E-06	8.46E-08	2.04E-06	8.27E-08	2.21E-06	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06
4288	480363.09, 3856877.25	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06
4289	480863.09, 3856877.25	3.41E-06	1.03E-05	5.96E-06	1.14E-07	2.75E-06	1.11E-07	2.97E-06	1.76E-06	5.31E-06	3.07E-06	5.87E-08	1.42E-06	5.74E-08	1.54E-06
4290	481363.09, 3856877.25	3.77E-06	1.14E-05	6.58E-06	1.26E-07	3.04E-06	1.23E-07	3.29E-06	1.95E-06	5.89E-06	3.41E-06	6.51E-08	1.57E-06	6.36E-08	1.70E-06
4291	481863.09, 3856877.25	4.29E-06	1.29E-05	7.50E-06	1.43E-07	3.46E-06	1.40E-07	3.74E-06	2.22E-06	6.70E-06	3.88E-06	7.41E-08	1.79E-06	7.24E-08	1.94E-06
4292	482363.09, 3856877.25	4.92E-06	1.49E-05	8.60E-06	1.64E-07	3.97E-06	1.61E-07	4.29E-06	2.55E-06	7.69E-06	4.45E-06	8.51E-08	2.06E-06	8.32E-08	2.22E-06
4293	482863.09, 3856877.25	6.28E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.48E-06	3.23E-06	9.76E-06	5.65E-06	1.08E-07	2.61E-06	1.05E-07	2.82E-06
4294	483363.09, 3856877.25	1.00E-05	3.03E-05	1.75E-05	3.35E-07	8.09E-06	3.27E-07	8.75E-06	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06
4295	483863.09, 3856877.25	4.31E-05	1.30E-04	7.54E-05	1.44E-06	3.48E-05	1.41E-06	3.76E-05	2.12E-05	6.41E-05	3.71E-05	7.09E-07	1.71E-05	6.93E-07	1.85E-05
4296	484363.09, 3856877.25	5.42E-05	1.64E-04	9.47E-05	1.81E-06	4.37E-05	1.77E-06	4.73E-05	2.67E-05	8.07E-05	4.67E-05	8.92E-07	2.15E-05	8.72E-07	2.33E-05
4297	484863.09, 3856877.25	6.00E-05	1.81E-04	1.05E-04	2.01E-06	4.84E-05	1.96E-06	5.24E-05	2.98E-05	8.99E-05	5.20E-05	9.94E-07	2.40E-05	9.71E-07	2.60E-05
4298	485363.09, 3856877.25	6.65E-05	2.01E-04	1.16E-04	2.22E-06	5.36E-05	2.17E-06	5.80E-05	3.44E-05	1.04E-04	6.01E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05
4299	485863.09, 3856877.25	7.05E-05	2.13E-04	1.23E-04	2.35E-06	5.69E-05	2.30E-06	6.15E-05	3.69E-05	1.12E-04	6.46E-05	1.23E-06	2.98E-05	1.21E-06	3.22E-05
4300	486363.09, 3856877.25	7.06E-05	2.13E-04	1.23E-04	2.36E-06	5.69E-05	2.30E-06	6.16E-05	3.52E-05	1.06E-04	6.15E-05	1.18E-06	2.84E-05	1.15E-06	3.07E-05
4301	486863.09, 3856877.25	6.54E-05	1.97E-04	1.14E-04	2.18E-06	5.28E-05	2.13E-06	5.71E-05	3.25E-05	9.80E-05	5.67E-05	1.08E-06	2.62E-05	1.06E-06	2.83E-05
4302	487363.09, 3856877.25	4.55E-05	1.37E-04	7.95E-05	1.52E-06	3.67E-05	1.48E-06	3.97E-05	2.27E-05	6.84E-05	3.96E-05	7.57E-07	1.83E-05	7.40E-07	1.98E-05
4303	487863.09, 3856877.25	3.43E-05	1.03E-04	5.99E-05	1.14E-06	2.76E-05	1.12E-06	2.99E-05	1.71E-05	5.17E-05	2.99E-05	5.72E-07	1.38E-05	5.59E-07	1.49E-05
4304	488363.09, 3856877.25	2.11E-05	6.38E-05	3.69E-05	7.06E-07	1.70E-05	6.90E-07	1.84E-05	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.63E-06	3.49E-07	9.33E-06
4305	488863.09, 3856877.25	1.69E-05	5.12E-05	2.96E-05	5.66E-07	1.37E-05	5.53E-07	1.48E-05	8.62E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.52E-06
4306	489363.09, 3856877.25	1.45E-05	4.38E-05	2.54E-05	4.85E-07	1.17E-05	4.74E-07	1.27E-05	7.40E-06	2.24E-05	1.29E-05	2.47E-07	5.97E-06	2.42E-07	6.46E-06
4307	489863.09, 3856877.25	1.29E-05	3.89E-05	2.25E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06
4308	490363.09, 3856877.25	1.18E-05	3.56E-05	2.06E-05	3.93E-07	9.50E-06	3.84E-07	1.03E-05	6.01E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06
4309	490863.09, 3856877.25	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.49E-06	5.55E-06	1.68E-05	9.70E-06	1.85E-07	4.48E-06	1.81E-07	4.84E-06
4310	491363.09, 3856877.25	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.30E-07	8.84E-06	5.17E-06	1.56E-05	9.03E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06
4311	491863.09, 3856877.25	9.83E-06	2.97E-05	1.72E-05	3.28E-07	7.93E-06	3.21E-07	8.58E-06	5.00E-06	1.51E-05	8.75E-06	1.67E-07	4.04E-06	1.63E-07	4.37E-06
4312	492363.09, 3856877.25	9.06E-06	2.74E-05	1.58E-05	3.03E-07	7.31E-06	2.96E-07	7.91E-06	4.60E-06	1.39E-05	8.04E-06	1.54E-07	3.71E-06	1.50E-07	4.01E-06
4313	492863.09, 3856877.25	7.96E-06	2.40E-05	1.39E-05	2.66E-07	6.42E-06	2.60E-07	6.95E-06	4.04E-06	1.22E-05	7.06E-06	1.35E-07	3.26E-06	1.32E-07	3.52E-06
4314	493363.09, 3856877.25	6.54E-06	1.98E-05	1.14E-05	2.18E-07	5.28E-06	2.14E-07	5.71E-06	3.33E-06	1.00E-05	5.82E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06
4315	493863.09, 3856877.25	4.93E-06	1.49E-05	8.61E-06	1.65E-07	3.98E-06	1.61E-07	4.30E-06	2.52E-06	7.61E-06	4.41E-06	8.42E-08	2.03E-06	8.22E-08	2.20E-06
4316	494363.09, 3856877.25	3.92E-06	1.18E-05	6.85E-06	1.31E-07	3.16E-06	1.28E-07	3.42E-06	2.01E-06	6.08E-06	3.52E-06	6.73E-08	1.62E-06	6.57E-08	1.76E-06
4317	494863.09, 3856877.25	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06	1.80E-06	5.45E-06	3.15E-06	6.02E-08	1.46E-06	5.89E-08	1.57E-06
4318	495363.09, 3856877.25	3.26E-06	9.84E-06	5.70E-06	1.09E-07	2.63E-06	1.06E-07	2.85E-06	1.68E-06	5.08E-06	2.94E-06	5.62E-08	1.36E-06	5.49E-08	1.47E-06
4319	495863.09, 3856877.25	3.16E-06	9.53E-06	5.52E-06	1.05E-07	2.55E-06	1.03E-07	2.75E-06	1.63E-06	4.92E-06	2.85E-06	5.45E-08	1.32E-06	5.32E-08	1.42E-06
4320	496363.09, 3856877.25	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06	1.60E-06	4.83E-06	2.80E-06	5.34E-08	1.29E-06	5.22E-08	1.40E-06
4321	496863.09, 3856877.25	3.09E-06	9.32E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06	1.60E-06	4.82E-06	2.79E-06	5.34E-08	1.29E-06	5.21E-08	1.39E-06
4322	497363.09, 3856877.25	3.15E-06	9.50E-06	5.50E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06	1.63E-06	4.92E-06	2.85E-06	5.44E-08	1.31E-06	5.31E-08	1.42E-06
4323	497863.09, 3856877.25	3.37E-06	1.02E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.94E-06	1.74E-06	5.25E-06	3.04E-06	5.81E-08	1.40E-06	5.68E-08	1.52E-06
4324	498363.09, 3856877.25	3.63E-06	1.10E-05	6.34E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06	1.87E-06	5.66E-06	3.27E-06	6.26E-08	1.51E-06	6.11E-08	1.63E-06
4325	471363.09, 3857377.25	8.67E-07	2.62E-06	1.51E-06	2.89E-08	6.99E-07	2.83E-08	7.56E-07	4.66E-07	1.41E-06	8.14E-07	1.55E-08	3.76E-07	1.52E-08	4.06E-07
4326	471863.09, 3857377.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.27E-07	2.94E-08	7.87E-07	4.83E-07	1.46E-06	8.45E-07	1.61E-08	3.90E-07	1.58E-08	4.22E-07
4327	472363.09, 3857377.25	9.46E-07	2.86E-06	1.65E-06	3.16E-08	7.63E-07	3.09E-08	8.26E-07	5.06E-07	1.53E-06	8.85E-07	1.69E-08	4.08E-07	1.65E-08	4.42E-07
4328	472863.09, 3857377.25	9.92E-07	3.00E-06	1.73E-06	3.31E-08	8.00E-07	3.24E-08	8.66E-07	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
4329	473363.09, 3857377.25	1.05E-06	3.16E-06	1.83E-06	3.50E-08	8.45E-07	3.42E-08	9.15E-07	5.59E-07	1.69E-06	9.77E-07	1.87E-08	4.51E-07	1.82E-08	4.88E-07
4330	473863.09, 3857377.25	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.96E-07	3.62E-08	9.69E-07	5.92E-07	1.79E-06	1.03E-06	1.98E-08	4.77E-07	1.93E-08	5.16E-07
4331	474363.09, 3857377.25	1.15E-06	3.49E-06	2.02E-06	3.86E-08	9.32E-07	3.77E-08	1.01E-06	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.94E-07	2.00E-08	5.34E-07
4332	474863.09, 3857377.25	1.15E-06	3.47E-06	2.01E-06	3.84E-08	9.28E-07	3.76E-08	1.00E-06	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.98E-08	5.28E-07
4333	475363.09, 3857377.25	1.04E-06	3.15E-06	1.82E-06	3.48E-08	8.42E-07	3.40E-08	9.10E-07	5.49E-07	1.66E-06	9.59E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
4334	475863.09, 3857377.25	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.38E-07	3.39E-08	9.06E-07	5.46E-07	1.65E-06	9.55E-07	1.82E-08	4.40E-07	1.78E-08	4.77E-07
4335	476363.09, 3857377.25	1.22E-06	3.67E-06	2.13E-06	4.06E-08	9.82E-07	3.97E-08	1.06E-06	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.56E-07
4336	476863.09, 3857377.25	1.29E-06	3.90E-06	2.26E-06	4.31E-08	1.04E-06	4.22E-08	1.13E-06	6.75E-07	2.04E-06	1.18E-06	2.25E-08	5.45E-07	2.20E-08	5.89E-07

4337	477363.09, 3857377.25	1.27E-06	3.84E-06	2.23E-06	4.25E-08	1.03E-06	4.15E-08	1.11E-06	6.65E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07
4338	477863.09, 3857377.25	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.34E-07	3.78E-08	1.01E-06	6.08E-07	1.84E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07
4339	478363.09, 3857377.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.90E-07	3.60E-08	9.63E-07	5.80E-07	1.75E-06	1.01E-06	1.94E-08	4.68E-07	1.89E-08	5.06E-07
4340	478863.09, 3857377.25	1.10E-06	3.31E-06	1.92E-06	3.66E-08	8.85E-07	3.58E-08	9.58E-07	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.65E-07	1.88E-08	5.03E-07
4341	479363.09, 3857377.25	1.35E-06	4.07E-06	2.36E-06	4.51E-08	1.09E-06	4.40E-08	1.18E-06	7.06E-07	2.13E-06	1.23E-06	2.36E-08	5.70E-07	2.30E-08	6.16E-07
4342	479863.09, 3857377.25	2.29E-06	6.92E-06	4.00E-06	7.65E-08	1.85E-06	7.48E-08	2.00E-06	1.18E-06	3.56E-06	2.06E-06	3.93E-08	9.50E-07	3.84E-08	1.03E-06
4343	480363.09, 3857377.25	2.20E-06	6.66E-06	3.85E-06	7.36E-08	1.78E-06	7.19E-08	1.92E-06	1.14E-06	3.43E-06	1.98E-06	3.79E-08	9.16E-07	3.70E-08	9.90E-07
4344	480863.09, 3857377.25	3.15E-06	9.52E-06	5.51E-06	1.05E-07	2.54E-06	1.03E-07	2.75E-06	1.63E-06	4.92E-06	2.85E-06	5.44E-08	1.31E-06	5.31E-08	1.42E-06
4345	481363.09, 3857377.25	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06	1.82E-06	5.49E-06	3.18E-06	6.07E-08	1.47E-06	5.93E-08	1.59E-06
4346	481863.09, 3857377.25	3.86E-06	1.17E-05	6.74E-06	1.29E-07	3.11E-06	1.26E-07	3.37E-06	1.99E-06	6.01E-06	3.48E-06	6.65E-08	1.61E-06	6.50E-08	1.74E-06
4347	482363.09, 3857377.25	4.12E-06	1.24E-05	7.21E-06	1.38E-07	3.33E-06	1.35E-07	3.60E-06	2.14E-06	6.47E-06	3.74E-06	7.15E-08	1.73E-06	6.99E-08	1.87E-06
4348	482863.09, 3857377.25	4.71E-06	1.42E-05	8.23E-06	1.57E-07	3.80E-06	1.54E-07	4.11E-06	2.44E-06	7.38E-06	4.27E-06	8.16E-08	1.97E-06	7.97E-08	2.13E-06
4349	483363.09, 3857377.25	5.55E-06	1.68E-05	9.70E-06	1.85E-07	4.47E-06	1.81E-07	4.84E-06	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06
4350	483863.09, 3857377.25	6.68E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.83E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
4351	484363.09, 3857377.25	8.62E-06	2.60E-05	1.51E-05	2.88E-07	6.95E-06	2.81E-07	7.52E-06	4.43E-06	1.34E-05	7.75E-06	1.48E-07	3.57E-06	1.45E-07	3.87E-06
4352	484863.09, 3857377.25	1.17E-05	3.52E-05	2.04E-05	3.90E-07	9.41E-06	3.81E-07	1.02E-05	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.23E-06
4353	485363.09, 3857377.25	2.05E-05	6.20E-05	3.59E-05	6.85E-07	1.66E-05	6.70E-07	1.79E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.43E-06	3.41E-07	9.12E-06
4354	485863.09, 3857377.25	5.31E-05	1.60E-04	9.29E-05	1.77E-06	4.29E-05	1.73E-06	4.64E-05	2.70E-05	8.14E-05	4.71E-05	9.00E-07	2.18E-05	8.80E-07	2.35E-05
4355	486363.09, 3857377.25	6.81E-05	2.06E-04	1.19E-04	2.27E-06	5.49E-05	2.22E-06	5.94E-05	3.71E-05	1.12E-04	6.49E-05	1.24E-06	2.99E-05	1.21E-06	3.24E-05
4356	486863.09, 3857377.25	6.77E-05	2.04E-04	1.18E-04	2.26E-06	5.46E-05	2.21E-06	5.91E-05	3.40E-05	1.03E-04	5.95E-05	1.14E-06	2.75E-05	1.11E-06	2.97E-05
4357	487363.09, 3857377.25	6.63E-05	2.00E-04	1.16E-04	2.21E-06	5.35E-05	2.16E-06	5.79E-05	3.31E-05	9.98E-05	5.78E-05	1.10E-06	2.67E-05	1.08E-06	2.88E-05
4358	487863.09, 3857377.25	4.76E-05	1.44E-04	8.31E-05	1.59E-06	3.84E-05	1.55E-06	4.15E-05	2.38E-05	7.18E-05	4.16E-05	7.94E-07	1.92E-05	7.76E-07	2.08E-05
4359	488363.09, 3857377.25	2.90E-05	8.74E-05	5.06E-05	9.67E-07	2.34E-05	9.45E-07	2.53E-05	1.46E-05	4.42E-05	2.56E-05	4.88E-07	1.18E-05	4.77E-07	1.28E-05
4360	488863.09, 3857377.25	2.01E-05	6.07E-05	3.51E-05	6.71E-07	1.62E-05	6.56E-07	1.75E-05	1.03E-05	3.10E-05	1.79E-05	3.42E-07	8.27E-06	3.35E-07	8.95E-06
4361	489363.09, 3857377.25	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05	8.44E-06	2.55E-05	1.47E-05	2.82E-07	6.81E-06	2.75E-07	7.36E-06
4362	489863.09, 3857377.25	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	7.39E-06	2.23E-05	1.29E-05	2.47E-07	5.96E-06	2.41E-07	6.45E-06
4363	490363.09, 3857377.25	1.31E-05	3.95E-05	2.28E-05	4.36E-07	1.05E-05	4.27E-07	1.14E-05	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.40E-06	2.18E-07	5.84E-06
4364	490863.09, 3857377.25	1.20E-05	3.61E-05	2.09E-05	4.00E-07	9.65E-06	3.91E-07	1.04E-05	6.12E-06	1.85E-05	1.07E-05	2.05E-07	4.94E-06	2.00E-07	5.34E-06
4365	491363.09, 3857377.25	1.11E-05	3.35E-05	1.94E-05	3.71E-07	8.96E-06	3.63E-07	9.70E-06	5.68E-06	1.72E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06
4366	491863.09, 3857377.25	1.04E-05	3.15E-05	1.83E-05	3.49E-07	8.43E-06	3.41E-07	9.12E-06	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06
4367	492363.09, 3857377.25	9.42E-06	2.84E-05	1.65E-05	3.15E-07	7.60E-06	3.07E-07	8.22E-06	4.78E-06	1.44E-05	8.36E-06	1.60E-07	3.86E-06	1.56E-07	4.17E-06
4368	492863.09, 3857377.25	7.70E-06	2.32E-05	1.35E-05	2.57E-07	6.21E-06	2.51E-07	6.72E-06	3.91E-06	1.18E-05	6.83E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
4369	493363.09, 3857377.25	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.92E-06	8.83E-06	5.11E-06	9.76E-08	2.36E-06	9.54E-08	2.55E-06
4370	493863.09, 3857377.25	4.91E-06	1.48E-05	8.58E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.52E-06	7.60E-06	4.40E-06	8.40E-08	2.03E-06	8.21E-08	2.20E-06
4371	494363.09, 3857377.25	4.21E-06	1.27E-05	7.35E-06	1.40E-07	3.39E-06	1.37E-07	3.67E-06	2.16E-06	6.54E-06	3.78E-06	7.23E-08	1.75E-06	7.06E-08	1.89E-06
4372	494863.09, 3857377.25	3.84E-06	1.16E-05	6.72E-06	1.28E-07	3.10E-06	1.25E-07	3.35E-06	1.98E-06	5.99E-06	3.47E-06	6.62E-08	1.60E-06	6.47E-08	1.73E-06
4373	495363.09, 3857377.25	3.58E-06	1.08E-05	6.25E-06	1.19E-07	2.88E-06	1.17E-07	3.12E-06	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06
4374	495863.09, 3857377.25	3.45E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.01E-06	1.79E-06	5.40E-06	3.12E-06	5.97E-08	1.44E-06	5.83E-08	1.56E-06
4375	496363.09, 3857377.25	3.37E-06	1.02E-05	5.90E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06	1.75E-06	5.27E-06	3.05E-06	5.83E-08	1.41E-06	5.70E-08	1.52E-06
4376	496863.09, 3857377.25	3.33E-06	1.00E-05	5.82E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06	1.72E-06	5.21E-06	3.01E-06	5.76E-08	1.39E-06	5.63E-08	1.50E-06
4377	497363.09, 3857377.25	3.40E-06	1.03E-05	5.94E-06	1.14E-07	2.74E-06	1.11E-07	2.97E-06	1.76E-06	5.32E-06	3.08E-06	5.88E-08	1.42E-06	5.75E-08	1.54E-06
4378	497863.09, 3857377.25	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06	1.84E-06	5.56E-06	3.22E-06	6.15E-08	1.48E-06	6.01E-08	1.61E-06
4379	498363.09, 3857377.25	4.00E-06	1.21E-05	6.99E-06	1.34E-07	3.22E-06	1.30E-07	3.49E-06	2.06E-06	6.23E-06	3.61E-06	6.89E-08	1.67E-06	6.74E-08	1.80E-06
4380	471363.09, 3857877.25	8.64E-07	2.61E-06	1.51E-06	2.88E-08	6.97E-07	2.82E-08	7.54E-07	4.63E-07	1.40E-06	8.09E-07	1.55E-08	3.73E-07	1.51E-08	4.04E-07
4381	471863.09, 3857877.25	8.99E-07	2.71E-06	1.57E-06	3.00E-08	7.25E-07	2.93E-08	7.84E-07	4.80E-07	1.45E-06	8.40E-07	1.60E-08	3.88E-07	1.57E-08	4.19E-07
4382	472363.09, 3857877.25	9.39E-07	2.83E-06	1.64E-06	3.14E-08	7.57E-07	3.06E-08	8.19E-07	5.01E-07	1.51E-06	8.76E-07	1.67E-08	4.04E-07	1.64E-08	4.37E-07
4383	472863.09, 3857877.25	9.85E-07	2.98E-06	1.72E-06	3.29E-08	7.95E-07	3.22E-08	8.60E-07	5.26E-07	1.59E-06	9.19E-07	1.75E-08	4.24E-07	1.71E-08	4.59E-07
4384	473363.09, 3857877.25	1.04E-06	3.13E-06	1.81E-06	3.46E-08	8.35E-07	3.38E-08	9.03E-07	5.51E-07	1.66E-06	9.63E-07	1.84E-08	4.44E-07	1.80E-08	4.81E-07
4385	473863.09, 3857877.25	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.81E-07	3.56E-08	9.53E-07	5.81E-07	1.75E-06	1.01E-06	1.94E-08	4.68E-07	1.89E-08	5.07E-07
4386	474363.09, 3857877.25	1.13E-06	3.41E-06	1.98E-06	3.78E-08	9.12E-07	3.69E-08	9.87E-07	5.97E-07	1.80E-06	1.04E-06	1.99E-08	4.82E-07	1.95E-08	5.21E-07
4387	474863.09, 3857877.25	1.10E-06	3.31E-06	1.92E-06	3.67E-08	8.85E-07	3.58E-08	9.58E-07	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.65E-07	1.88E-08	5.03E-07
4388	475363.09, 3857877.25	8.91E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07	4.70E-07	1.42E-06	8.21E-07	1.57E-08	3.79E-07	1.53E-08	4.10E-07
4389	475863.09, 3857877.25	6.99E-07	2.11E-06	1.22E-06	2.34E-08	5.64E-07	2.28E-08	6.10E-07	3.71E-07	1.12E-06	6.48E-07	1.24E-08	2.99E-07	1.21E-08	3.24E-07
4390	476363.09, 3857877.25	1.01E-06	3.03E-06	1.76E-06	3.36E-08	8.11E-07	3.28E-08	8.77E-07	5.27E-07	1.59E-06	9.22E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
4391	476863.09, 3857877.25	1.15E-06	3.48E-06	2.02E-06	3.85E-08	9.31E-07	3.77E-08	1.01E-06	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07
4392	477363.09, 3857877.25	1.19E-06	3.59E-06	2.08E-06	3.97E-08	9.60E-07	3.88E-08	1.04E-06	6.21E-07	1.88E-06	1.09E-06	2.07E-08	5.01E-07	2.03E-08	5.42E-07
4393	477863.09, 3857877.25	1.20E-06	3.63E-06	2.10E-06	4.01E-08	9.69E-07	3.92E-08	1.05E-06	6.28E-07	1.89E-06	1.10E-06	2.10E-08	5.06E-07	2.05E-08	5.48E-07
4394	478363.09, 3857877.25	9.80E-07	2.96E-06	1.71E-06	3.27E-08	7.91E-07	3.20E-08	8.56E-07	5.17E-07	1.56E-06	9.03E-07	1.73E-08	4.17E-07	1.69E-08	4.51E-07
4395	478863.09, 3857877.25	9.69E-07	2.93E-06	1.69E-06	3.24E-08	7.82E-07	3.16E-08	8.46E-07	5.11E-07	1.54E-06	8.93E-07	1.71E-08	4.12E-07	1.67E-08	4.46E-07
4396	479363.09, 3857877.25	2.00E-06	6.04E-06	3.50E-06	6.68E-08	1.61E-06	6.53E-08	1.75E-06	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.32E-07	3.37E-08	9.00E-07
4397	479863.09, 3857877.25	2.43E-06	7.34E-06	4.25E-06	8.11E-08	1.96E-06	7.93E-08	2.12E-06	1.26E-06	3.79E-06	2.20E-06	4.19E-08	1.01E-06	4.10E-08	1.10E-06
4398	480363.09, 3857877.25	2.61E-06	7.87E-06	4.55E-06	8.70E-08	2.10E-06	8.50E-08	2.27E-06	1.35E-06	4.08E-06	2.36E-06	4.51E-08	1.09E-06	4.41E-08	1.18E-06

4399	480863.09, 3857877.25	2.84E-06	8.58E-06	4.96E-06	9.49E-08	2.29E-06	9.27E-08	2.48E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.80E-08	1.28E-06
4400	481363.09, 3857877.25	3.11E-06	9.38E-06	5.43E-06	1.04E-07	2.50E-06	1.01E-07	2.71E-06	1.60E-06	4.84E-06	2.80E-06	5.36E-08	1.29E-06	5.23E-08	1.40E-06
4401	481863.09, 3857877.25	3.35E-06	1.01E-05	5.86E-06	1.12E-07	2.70E-06	1.09E-07	2.92E-06	1.73E-06	5.23E-06	3.03E-06	5.78E-08	1.40E-06	5.65E-08	1.51E-06
4402	482363.09, 3857877.25	3.54E-06	1.07E-05	6.18E-06	1.18E-07	2.85E-06	1.15E-07	3.09E-06	1.84E-06	5.55E-06	3.22E-06	6.14E-08	1.48E-06	6.00E-08	1.61E-06
4403	482863.09, 3857877.25	3.73E-06	1.12E-05	6.51E-06	1.24E-07	3.00E-06	1.22E-07	3.25E-06	1.95E-06	5.87E-06	3.40E-06	6.50E-08	1.57E-06	6.35E-08	1.70E-06
4404	483363.09, 3857877.25	4.06E-06	1.23E-05	7.10E-06	1.36E-07	3.28E-06	1.33E-07	3.54E-06	2.12E-06	6.41E-06	3.71E-06	7.09E-08	1.71E-06	6.92E-08	1.85E-06
4405	483863.09, 3857877.25	4.47E-06	1.35E-05	7.81E-06	1.49E-07	3.60E-06	1.46E-07	3.90E-06	2.34E-06	7.06E-06	4.09E-06	7.81E-08	1.89E-06	7.63E-08	2.04E-06
4406	484363.09, 3857877.25	5.28E-06	1.59E-05	9.22E-06	1.76E-07	4.26E-06	1.72E-07	4.60E-06	2.75E-06	8.31E-06	4.81E-06	9.19E-08	2.22E-06	8.98E-08	2.40E-06
4407	484863.09, 3857877.25	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06	3.43E-06	1.04E-05	5.99E-06	1.14E-07	2.77E-06	1.12E-07	2.99E-06
4408	485363.09, 3857877.25	8.83E-06	2.67E-05	1.54E-05	2.95E-07	7.12E-06	2.88E-07	7.71E-06	4.58E-06	1.38E-05	8.01E-06	1.53E-07	3.70E-06	1.50E-07	4.00E-06
4409	485863.09, 3857877.25	2.03E-05	6.14E-05	3.55E-05	6.79E-07	1.64E-05	6.64E-07	1.77E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.31E-06	3.36E-07	8.99E-06
4410	486363.09, 3857877.25	5.19E-05	1.57E-04	9.07E-05	1.73E-06	4.18E-05	1.69E-06	4.53E-05	2.60E-05	7.85E-05	4.54E-05	8.68E-07	2.10E-05	8.48E-07	2.27E-05
4411	486863.09, 3857877.25	7.05E-05	2.13E-04	1.23E-04	2.35E-06	5.69E-05	2.30E-06	6.15E-05	4.03E-05	1.22E-04	7.04E-05	1.34E-06	3.25E-05	1.31E-06	3.51E-05
4412	487363.09, 3857877.25	6.80E-05	2.05E-04	1.19E-04	2.27E-06	5.48E-05	2.22E-06	5.93E-05	3.55E-05	1.07E-04	6.21E-05	1.19E-06	2.86E-05	1.16E-06	3.10E-05
4413	487863.09, 3857877.25	6.56E-05	1.98E-04	1.15E-04	2.19E-06	5.29E-05	2.14E-06	5.72E-05	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05
4414	488363.09, 3857877.25	3.42E-05	1.03E-04	5.98E-05	1.14E-06	2.76E-05	1.12E-06	2.98E-05	1.75E-05	5.28E-05	3.06E-05	5.84E-07	1.41E-05	5.70E-07	1.53E-05
4415	488863.09, 3857877.25	2.44E-05	7.36E-05	4.26E-05	8.14E-07	1.97E-05	7.95E-07	2.13E-05	1.25E-05	3.78E-05	2.19E-05	4.18E-07	1.01E-05	4.09E-07	1.09E-05
4416	489363.09, 3857877.25	2.41E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.85E-07	2.10E-05	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.88E-06	4.00E-07	1.07E-05
4417	489863.09, 3857877.25	2.37E-05	7.16E-05	4.14E-05	7.91E-07	1.91E-05	7.73E-07	2.07E-05	1.20E-05	3.62E-05	2.10E-05	4.00E-07	9.67E-06	3.91E-07	1.05E-05
4418	490363.09, 3857877.25	1.67E-05	5.03E-05	2.91E-05	5.56E-07	1.34E-05	5.43E-07	1.45E-05	8.51E-06	2.57E-05	1.49E-05	2.84E-07	6.86E-06	2.78E-07	7.43E-06
4419	490863.09, 3857877.25	1.34E-05	4.05E-05	2.34E-05	4.48E-07	1.08E-05	4.37E-07	1.17E-05	6.89E-06	2.08E-05	1.20E-05	2.30E-07	5.55E-06	2.25E-07	6.01E-06
4420	491363.09, 3857877.25	1.26E-05	3.81E-05	2.21E-05	4.21E-07	1.02E-05	4.12E-07	1.10E-05	6.45E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.11E-07	5.63E-06
4421	491863.09, 3857877.25	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.65E-06	5.64E-06	1.70E-05	9.87E-06	1.88E-07	4.55E-06	1.84E-07	4.93E-06
4422	492363.09, 3857877.25	9.54E-06	2.88E-05	1.67E-05	3.19E-07	7.70E-06	3.11E-07	8.33E-06	4.85E-06	1.46E-05	8.48E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06
4423	492863.09, 3857877.25	7.22E-06	2.18E-05	1.26E-05	2.41E-07	5.82E-06	2.36E-07	6.30E-06	3.68E-06	1.11E-05	6.44E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06
4424	493363.09, 3857877.25	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.87E-06	1.97E-07	5.27E-06	3.09E-06	9.32E-06	5.40E-06	1.03E-07	2.49E-06	1.01E-07	2.69E-06
4425	493863.09, 3857877.25	5.40E-06	1.63E-05	9.43E-06	1.80E-07	4.35E-06	1.76E-07	4.71E-06	2.77E-06	8.36E-06	4.84E-06	9.24E-08	2.23E-06	9.03E-08	2.42E-06
4426	494363.09, 3857877.25	4.94E-06	1.49E-05	8.63E-06	1.65E-07	3.98E-06	1.61E-07	4.31E-06	2.54E-06	7.66E-06	4.44E-06	8.47E-08	2.05E-06	8.28E-08	2.21E-06
4427	494863.09, 3857877.25	4.32E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	2.23E-06	6.72E-06	3.89E-06	7.44E-08	1.80E-06	7.27E-08	1.94E-06
4428	495363.09, 3857877.25	4.05E-06	1.22E-05	7.08E-06	1.35E-07	3.27E-06	1.32E-07	3.54E-06	2.09E-06	6.32E-06	3.66E-06	6.99E-08	1.69E-06	6.83E-08	1.83E-06
4429	495863.09, 3857877.25	3.82E-06	1.15E-05	6.68E-06	1.28E-07	3.08E-06	1.25E-07	3.34E-06	1.98E-06	5.98E-06	3.46E-06	6.61E-08	1.60E-06	6.46E-08	1.73E-06
4430	496363.09, 3857877.25	3.78E-06	1.14E-05	6.61E-06	1.26E-07	3.05E-06	1.23E-07	3.30E-06	1.96E-06	5.91E-06	3.42E-06	6.54E-08	1.58E-06	6.39E-08	1.71E-06
4431	496863.09, 3857877.25	3.88E-06	1.17E-05	6.77E-06	1.29E-07	3.13E-06	1.26E-07	3.38E-06	2.00E-06	6.05E-06	3.50E-06	6.69E-08	1.62E-06	6.54E-08	1.75E-06
4432	497363.09, 3857877.25	3.92E-06	1.18E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.42E-06	2.03E-06	6.11E-06	3.54E-06	6.76E-08	1.63E-06	6.61E-08	1.77E-06
4433	497863.09, 3857877.25	3.96E-06	1.19E-05	6.92E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06	2.05E-06	6.18E-06	3.58E-06	6.84E-08	1.65E-06	6.68E-08	1.79E-06
4434	498363.09, 3857877.25	4.16E-06	1.26E-05	7.28E-06	1.39E-07	3.36E-06	1.36E-07	3.63E-06	2.15E-06	6.50E-06	3.76E-06	7.19E-08	1.74E-06	7.02E-08	1.88E-06
4435	471363.09, 3858377.25	8.59E-07	2.59E-06	1.50E-06	2.87E-08	6.93E-07	2.80E-08	7.49E-07	4.60E-07	1.39E-06	8.03E-07	1.53E-08	3.71E-07	1.50E-08	4.01E-07
4436	471863.09, 3858377.25	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.76E-07	4.75E-07	1.43E-06	8.30E-07	1.59E-08	3.83E-07	1.55E-08	4.14E-07
4437	472363.09, 3858377.25	9.28E-07	2.80E-06	1.62E-06	3.10E-08	7.49E-07	3.03E-08	8.10E-07	4.95E-07	1.49E-06	8.65E-07	1.65E-08	3.99E-07	1.62E-08	4.32E-07
4438	472863.09, 3858377.25	9.69E-07	2.93E-06	1.69E-06	3.24E-08	7.82E-07	3.16E-08	8.46E-07	5.16E-07	1.56E-06	9.01E-07	1.72E-08	4.16E-07	1.68E-08	4.50E-07
4439	473363.09, 3858377.25	1.03E-06	3.10E-06	1.79E-06	3.43E-08	8.28E-07	3.35E-08	8.96E-07	5.46E-07	1.65E-06	9.55E-07	1.82E-08	4.41E-07	1.78E-08	4.77E-07
4440	473863.09, 3858377.25	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.63E-07	3.49E-08	9.33E-07	5.67E-07	1.71E-06	9.91E-07	1.89E-08	4.58E-07	1.85E-08	4.95E-07
4441	474363.09, 3858377.25	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.81E-07	3.56E-08	9.53E-07	5.75E-07	1.74E-06	1.01E-06	1.92E-08	4.64E-07	1.88E-08	5.02E-07
4442	474863.09, 3858377.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.72E-07	3.53E-08	9.44E-07	5.67E-07	1.71E-06	9.92E-07	1.89E-08	4.58E-07	1.85E-08	4.95E-07
4443	475363.09, 3858377.25	9.62E-07	2.91E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.40E-07	5.05E-07	1.52E-06	8.82E-07	1.69E-08	4.07E-07	1.65E-08	4.40E-07
4444	475863.09, 3858377.25	8.53E-07	2.58E-06	1.49E-06	2.85E-08	6.88E-07	2.78E-08	7.44E-07	4.49E-07	1.36E-06	7.85E-07	1.50E-08	3.62E-07	1.47E-08	3.92E-07
4445	476363.09, 3858377.25	9.12E-07	2.75E-06	1.59E-06	3.05E-08	7.36E-07	2.98E-08	7.96E-07	4.79E-07	1.45E-06	8.37E-07	1.60E-08	3.86E-07	1.56E-08	4.18E-07
4446	476863.09, 3858377.25	9.77E-07	2.95E-06	1.71E-06	3.26E-08	7.88E-07	3.19E-08	8.52E-07	5.12E-07	1.55E-06	8.95E-07	1.71E-08	4.13E-07	1.67E-08	4.47E-07
4447	477363.09, 3858377.25	9.88E-07	2.98E-06	1.73E-06	3.30E-08	7.97E-07	3.22E-08	8.62E-07	5.18E-07	1.56E-06	9.05E-07	1.73E-08	4.18E-07	1.69E-08	4.52E-07
4448	477863.09, 3858377.25	1.18E-06	3.55E-06	2.05E-06	3.93E-08	9.48E-07	3.84E-08	1.03E-06	6.13E-07	1.85E-06	1.07E-06	2.05E-08	4.94E-07	2.00E-08	5.35E-07
4449	478363.09, 3858377.25	1.26E-06	3.81E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06	6.56E-07	1.98E-06	1.15E-06	2.19E-08	5.29E-07	2.14E-08	5.73E-07
4450	478863.09, 3858377.25	1.07E-06	3.23E-06	1.87E-06	3.58E-08	8.64E-07	3.50E-08	9.35E-07	5.62E-07	1.70E-06	9.82E-07	1.88E-08	4.53E-07	1.83E-08	4.90E-07
4451	479363.09, 3858377.25	1.89E-06	5.71E-06	3.31E-06	6.32E-08	1.53E-06	6.17E-08	1.65E-06	9.75E-07	2.95E-06	1.70E-06	3.26E-08	7.87E-07	3.18E-08	8.51E-07
4452	479863.09, 3858377.25	2.20E-06	6.64E-06	3.84E-06	7.34E-08	1.77E-06	7.18E-08	1.92E-06	1.14E-06	3.45E-06	2.00E-06	3.81E-08	9.21E-07	3.73E-08	9.96E-07
4453	480363.09, 3858377.25	2.34E-06	7.05E-06	4.08E-06	7.80E-08	1.88E-06	7.62E-08	2.04E-06	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.82E-07	3.97E-08	1.06E-06
4454	480863.09, 3858377.25	2.52E-06	7.62E-06	4.41E-06	8.43E-08	2.04E-06	8.24E-08	2.20E-06	1.31E-06	3.97E-06	2.30E-06	4.39E-08	1.06E-06	4.29E-08	1.15E-06
4455	481363.09, 3858377.25	2.71E-06	8.18E-06	4.74E-06	9.05E-08	2.19E-06	8.84E-08	2.36E-06	1.41E-06	4.26E-06	2.46E-06	4.71E-08	1.14E-06	4.60E-08	1.23E-06
4456	481863.09, 3858377.25	2.91E-06	8.79E-06	5.09E-06	9.72E-08	2.35E-06	9.50E-08	2.54E-06	1.51E-06	4.56E-06	2.64E-06	5.05E-08	1.22E-06	4.93E-08	1.32E-06
4457	482363.09, 3858377.25	3.12E-06	9.41E-06	5.45E-06	1.04E-07	2.51E-06	1.02E-07	2.72E-06	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06
4458	482863.09, 3858377.25	3.24E-06	9.79E-06	5.67E-06	1.08E-07	2.61E-06	1.06E-07	2.83E-06	1.69E-06	5.11E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06
4459	483363.09, 3858377.25	3.36E-06	1.01E-05	5.88E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06	1.76E-06	5.33E-06	3.08E-06	5.89E-08	1.42E-06	5.76E-08	1.54E-06
4460	483863.09, 3858377.25	3.64E-06	1.10E-05	6.36E-06	1.21E-07	2.93E-06	1.19E-07	3.17E-06	1.91E-06	5.77E-06	3.34E-06	6.38E-08	1.54E-06	6.23E-08	1.67E-06

4461	484363.09, 3858377.25	4.15E-06	1.25E-05	7.25E-06	1.38E-07	3.34E-06	1.35E-07	3.62E-06	2.17E-06	6.56E-06	3.80E-06	7.26E-08	1.75E-06	7.09E-08	1.90E-06
4462	484863.09, 3858377.25	5.08E-06	1.53E-05	8.88E-06	1.70E-07	4.10E-06	1.66E-07	4.43E-06	2.65E-06	8.00E-06	4.63E-06	8.85E-08	2.14E-06	8.65E-08	2.31E-06
4463	485363.09, 3858377.25	6.49E-06	1.96E-05	1.13E-05	2.17E-07	5.23E-06	2.12E-07	5.66E-06	3.37E-06	1.02E-05	5.89E-06	1.12E-07	2.72E-06	1.10E-07	2.94E-06
4464	485863.09, 3858377.25	9.13E-06	2.76E-05	1.60E-05	3.05E-07	7.37E-06	2.98E-07	7.97E-06	4.70E-06	1.42E-05	8.22E-06	1.57E-07	3.79E-06	1.54E-07	4.11E-06
4465	486363.09, 3858377.25	2.31E-05	6.99E-05	4.05E-05	7.73E-07	1.87E-05	7.55E-07	2.02E-05	1.16E-05	3.50E-05	2.03E-05	3.87E-07	9.36E-06	3.78E-07	1.01E-05
4466	486863.09, 3858377.25	5.37E-05	1.62E-04	9.39E-05	1.79E-06	4.34E-05	1.75E-06	4.69E-05	2.66E-05	8.04E-05	4.66E-05	8.90E-07	2.15E-05	8.69E-07	2.32E-05
4467	487363.09, 3858377.25	6.21E-05	1.88E-04	1.09E-04	2.07E-06	5.01E-05	2.03E-06	5.42E-05	3.12E-05	9.42E-05	5.45E-05	1.04E-06	2.52E-05	1.02E-06	2.72E-05
4468	487863.09, 3858377.25	9.48E-05	2.86E-04	1.66E-04	3.17E-06	7.65E-05	3.09E-06	8.27E-05	6.23E-05	1.88E-04	1.09E-04	2.08E-06	5.02E-05	2.03E-06	5.43E-05
4469	488363.09, 3858377.25	6.74E-05	2.03E-04	1.18E-04	2.25E-06	5.43E-05	2.20E-06	5.88E-05	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.82E-05	1.14E-06	3.06E-05
4470	488863.09, 3858377.25	3.56E-05	1.07E-04	6.22E-05	1.19E-06	2.87E-05	1.16E-06	3.10E-05	1.85E-05	5.58E-05	3.23E-05	6.18E-07	1.49E-05	6.04E-07	1.61E-05
4471	489363.09, 3858377.25	2.39E-05	7.22E-05	4.18E-05	7.99E-07	1.93E-05	7.81E-07	2.09E-05	1.25E-05	3.76E-05	2.18E-05	4.16E-07	1.01E-05	4.07E-07	1.09E-05
4472	489863.09, 3858377.25	1.89E-05	5.69E-05	3.30E-05	6.30E-07	1.52E-05	6.15E-07	1.65E-05	9.82E-06	2.96E-05	1.72E-05	3.28E-07	7.92E-06	3.20E-07	8.57E-06
4473	490363.09, 3858377.25	1.59E-05	4.79E-05	2.77E-05	5.29E-07	1.28E-05	5.17E-07	1.38E-05	8.24E-06	2.49E-05	1.44E-05	2.75E-07	6.65E-06	2.69E-07	7.19E-06
4474	490863.09, 3858377.25	1.37E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.48E-07	1.20E-05	7.14E-06	2.15E-05	1.25E-05	2.38E-07	5.76E-06	2.33E-07	6.23E-06
4475	491363.09, 3858377.25	1.23E-05	3.71E-05	2.15E-05	4.10E-07	9.90E-06	4.00E-07	1.07E-05	6.34E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06
4476	491863.09, 3858377.25	1.12E-05	3.40E-05	1.97E-05	3.76E-07	9.07E-06	3.67E-07	9.82E-06	5.75E-06	1.74E-05	1.01E-05	1.92E-07	4.64E-06	1.88E-07	5.02E-06
4477	492363.09, 3858377.25	8.83E-06	2.66E-05	1.54E-05	2.95E-07	7.12E-06	2.88E-07	7.70E-06	4.51E-06	1.36E-05	7.88E-06	1.51E-07	3.64E-06	1.47E-07	3.94E-06
4478	492863.09, 3858377.25	8.60E-06	2.60E-05	1.50E-05	2.87E-07	6.94E-06	2.81E-07	7.51E-06	4.40E-06	1.33E-05	7.69E-06	1.47E-07	3.55E-06	1.44E-07	3.84E-06
4479	493363.09, 3858377.25	7.39E-06	2.23E-05	1.29E-05	2.47E-07	5.96E-06	2.41E-07	6.45E-06	3.79E-06	1.14E-05	6.62E-06	1.26E-07	3.05E-06	1.24E-07	3.30E-06
4480	493863.09, 3858377.25	6.60E-06	1.99E-05	1.15E-05	2.21E-07	5.33E-06	2.15E-07	5.76E-06	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06
4481	494363.09, 3858377.25	5.82E-06	1.76E-05	1.02E-05	1.94E-07	4.70E-06	1.90E-07	5.08E-06	2.99E-06	9.04E-06	5.23E-06	1.00E-07	2.41E-06	9.77E-08	2.61E-06
4482	494863.09, 3858377.25	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.19E-06	1.69E-07	4.53E-06	2.67E-06	8.08E-06	4.68E-06	8.93E-08	2.16E-06	8.73E-08	2.33E-06
4483	495363.09, 3858377.25	4.58E-06	1.38E-05	8.00E-06	1.53E-07	3.69E-06	1.49E-07	3.99E-06	2.37E-06	7.14E-06	4.14E-06	7.90E-08	1.91E-06	7.72E-08	2.06E-06
4484	495863.09, 3858377.25	4.38E-06	1.32E-05	7.66E-06	1.46E-07	3.54E-06	1.43E-07	3.83E-06	2.27E-06	6.85E-06	3.97E-06	7.58E-08	1.83E-06	7.40E-08	1.98E-06
4485	496363.09, 3858377.25	4.32E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.77E-06	2.23E-06	6.74E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
4486	496863.09, 3858377.25	4.26E-06	1.29E-05	7.44E-06	1.42E-07	3.43E-06	1.39E-07	3.72E-06	2.20E-06	6.66E-06	3.85E-06	7.36E-08	1.78E-06	7.19E-08	1.92E-06
4487	497363.09, 3858377.25	4.10E-06	1.24E-05	7.17E-06	1.37E-07	3.31E-06	1.34E-07	3.58E-06	2.13E-06	6.42E-06	3.72E-06	7.10E-08	1.71E-06	6.94E-08	1.86E-06
4488	497863.09, 3858377.25	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06	2.19E-06	6.63E-06	3.84E-06	7.33E-08	1.77E-06	7.16E-08	1.91E-06
4489	498363.09, 3858377.25	4.31E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06	2.24E-06	6.77E-06	3.92E-06	7.49E-08	1.81E-06	7.32E-08	1.96E-06
4490	471363.09, 3858877.25	8.48E-07	2.56E-06	1.48E-06	2.83E-08	6.84E-07	2.77E-08	7.40E-07	4.53E-07	1.37E-06	7.92E-07	1.51E-08	3.66E-07	1.48E-08	3.95E-07
4491	471863.09, 3858877.25	8.78E-07	2.65E-06	1.53E-06	2.93E-08	7.08E-07	2.86E-08	7.66E-07	4.69E-07	1.41E-06	8.19E-07	1.56E-08	3.78E-07	1.53E-08	4.09E-07
4492	472363.09, 3858877.25	9.19E-07	2.77E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.02E-07	4.90E-07	1.48E-06	8.56E-07	1.64E-08	3.95E-07	1.60E-08	4.28E-07
4493	472863.09, 3858877.25	9.59E-07	2.90E-06	1.68E-06	3.20E-08	7.74E-07	3.13E-08	8.37E-07	5.11E-07	1.54E-06	8.93E-07	1.71E-08	4.12E-07	1.67E-08	4.46E-07
4494	473363.09, 3858877.25	9.96E-07	3.01E-06	1.74E-06	3.33E-08	8.04E-07	3.25E-08	8.70E-07	5.31E-07	1.60E-06	9.27E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07
4495	473863.09, 3858877.25	1.05E-06	3.17E-06	1.83E-06	3.50E-08	8.46E-07	3.42E-08	9.16E-07	5.57E-07	1.68E-06	9.73E-07	1.86E-08	4.49E-07	1.82E-08	4.86E-07
4496	474363.09, 3858877.25	1.07E-06	3.24E-06	1.87E-06	3.58E-08	8.65E-07	3.50E-08	9.36E-07	5.66E-07	1.71E-06	9.89E-07	1.89E-08	4.56E-07	1.85E-08	4.94E-07
4497	474863.09, 3858877.25	9.10E-07	2.75E-06	1.59E-06	3.04E-08	7.34E-07	2.97E-08	7.94E-07	4.77E-07	1.44E-06	8.34E-07	1.59E-08	3.85E-07	1.56E-08	4.16E-07
4498	475363.09, 3858877.25	8.10E-07	2.45E-06	1.42E-06	2.71E-08	6.54E-07	2.64E-08	7.07E-07	4.27E-07	1.29E-06	7.46E-07	1.42E-08	3.44E-07	1.39E-08	3.72E-07
4499	475863.09, 3858877.25	8.80E-07	2.66E-06	1.54E-06	2.94E-08	7.10E-07	2.87E-08	7.68E-07	4.62E-07	1.39E-06	8.07E-07	1.54E-08	3.73E-07	1.51E-08	4.03E-07
4500	476363.09, 3858877.25	7.50E-07	2.26E-06	1.31E-06	2.50E-08	6.05E-07	2.45E-08	6.54E-07	3.95E-07	1.19E-06	6.91E-07	1.32E-08	3.19E-07	1.29E-08	3.45E-07
4501	476863.09, 3858877.25	8.36E-07	2.52E-06	1.46E-06	2.79E-08	6.74E-07	2.73E-08	7.29E-07	4.40E-07	1.33E-06	7.69E-07	1.47E-08	3.55E-07	1.44E-08	3.84E-07
4502	477363.09, 3858877.25	8.76E-07	2.64E-06	1.53E-06	2.92E-08	7.06E-07	2.86E-08	7.64E-07	4.60E-07	1.39E-06	8.04E-07	1.54E-08	3.71E-07	1.50E-08	4.01E-07
4503	477863.09, 3858877.25	9.91E-07	2.99E-06	1.73E-06	3.31E-08	7.99E-07	3.23E-08	8.64E-07	5.18E-07	1.56E-06	9.06E-07	1.73E-08	4.18E-07	1.69E-08	4.52E-07
4504	478363.09, 3858877.25	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06	7.41E-07	2.24E-06	1.29E-06	2.47E-08	5.97E-07	2.42E-08	6.46E-07
4505	478863.09, 3858877.25	1.37E-06	4.15E-06	2.40E-06	4.58E-08	1.11E-06	4.48E-08	1.20E-06	7.11E-07	2.15E-06	1.24E-06	2.38E-08	5.74E-07	2.32E-08	6.21E-07
4506	479363.09, 3858877.25	1.26E-06	3.80E-06	2.20E-06	4.20E-08	1.01E-06	4.10E-08	1.10E-06	6.55E-07	1.98E-06	1.14E-06	2.19E-08	5.28E-07	2.14E-08	5.72E-07
4507	479863.09, 3858877.25	1.98E-06	5.99E-06	3.47E-06	6.63E-08	1.60E-06	6.47E-08	1.73E-06	1.03E-06	3.12E-06	1.81E-06	3.45E-08	8.34E-07	3.37E-08	9.02E-07
4508	480363.09, 3858877.25	2.10E-06	6.34E-06	3.67E-06	7.01E-08	1.69E-06	6.85E-08	1.83E-06	1.10E-06	3.31E-06	1.92E-06	3.66E-08	8.84E-07	3.58E-08	9.56E-07
4509	480863.09, 3858877.25	2.23E-06	6.74E-06	3.90E-06	7.46E-08	1.80E-06	7.29E-08	1.95E-06	1.17E-06	3.52E-06	2.04E-06	3.89E-08	9.41E-07	3.81E-08	1.02E-06
4510	481363.09, 3858877.25	2.37E-06	7.17E-06	4.15E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06	1.24E-06	3.74E-06	2.17E-06	4.14E-08	9.99E-07	4.04E-08	1.08E-06
4511	481863.09, 3858877.25	2.51E-06	7.59E-06	4.39E-06	8.39E-08	2.03E-06	8.20E-08	2.19E-06	1.31E-06	3.96E-06	2.29E-06	4.38E-08	1.06E-06	4.28E-08	1.14E-06
4512	482363.09, 3858877.25	2.70E-06	8.15E-06	4.72E-06	9.01E-08	2.18E-06	8.81E-08	2.36E-06	1.41E-06	4.25E-06	2.46E-06	4.70E-08	1.14E-06	4.60E-08	1.23E-06
4513	482863.09, 3858877.25	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06	1.50E-06	4.52E-06	2.62E-06	5.00E-08	1.21E-06	4.89E-08	1.31E-06
4514	483363.09, 3858877.25	2.87E-06	8.66E-06	5.01E-06	9.58E-08	2.31E-06	9.36E-08	2.50E-06	1.51E-06	4.57E-06	2.65E-06	5.06E-08	1.22E-06	4.94E-08	1.32E-06
4515	483863.09, 3858877.25	3.09E-06	9.34E-06	5.41E-06	1.03E-07	2.49E-06	1.01E-07	2.70E-06	1.63E-06	4.93E-06	2.85E-06	5.45E-08	1.32E-06	5.33E-08	1.42E-06
4516	484363.09, 3858877.25	3.46E-06	1.04E-05	6.05E-06	1.16E-07	2.79E-06	1.13E-07	3.02E-06	1.82E-06	5.50E-06	3.18E-06	6.08E-08	1.47E-06	5.94E-08	1.59E-06
4517	484863.09, 3858877.25	4.11E-06	1.24E-05	7.19E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06	2.15E-06	6.49E-06	3.76E-06	7.18E-08	1.73E-06	7.01E-08	1.88E-06
4518	485363.09, 3858877.25	5.19E-06	1.57E-05	9.07E-06	1.73E-07	4.18E-06	1.69E-07	4.53E-06	2.69E-06	8.13E-06	4.71E-06	8.99E-08	2.17E-06	8.78E-08	2.35E-06
4519	485863.09, 3858877.25	7.06E-06	2.13E-05	1.23E-05	2.36E-07	5.70E-06	2.30E-07	6.16E-06	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06
4520	486363.09, 3858877.25	1.30E-05	3.92E-05	2.27E-05	4.34E-07	1.05E-05	4.24E-07	1.13E-05	6.55E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.72E-06
4521	486863.09, 3858877.25	4.82E-05	1.45E-04	8.42E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	2.37E-05	7.16E-05	4.15E-05	7.92E-07	1.91E-05	7.74E-07	2.07E-05
4522	487363.09, 3858877.25	5.78E-05	1.75E-04	1.01E-04	1.93E-06	4.66E-05	1.89E-06	5.05E-05	2.85E-05	8.61E-05	4.98E-05	9.52E-07	2.30E-05	9.30E-07	2.49E-05

4523	487863.09, 3858877.25	6.26E-05	1.89E-04	1.09E-04	2.09E-06	5.05E-05	2.04E-06	5.46E-05	3.10E-05	9.36E-05	5.42E-05	1.03E-06	2.50E-05	1.01E-06	2.70E-05
4524	488363.09, 3858877.25	6.49E-05	1.96E-04	1.13E-04	2.17E-06	5.23E-05	2.12E-06	5.66E-05	3.28E-05	9.90E-05	5.73E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05
4525	488863.09, 3858877.25	7.10E-05	2.15E-04	1.24E-04	2.37E-06	5.73E-05	2.32E-06	6.20E-05	4.29E-05	1.29E-04	7.49E-05	1.43E-06	3.46E-05	1.40E-06	3.74E-05
4526	489363.09, 3858877.25	2.99E-05	9.01E-05	5.22E-05	9.97E-07	2.41E-05	9.74E-07	2.61E-05	1.64E-05	4.96E-05	2.87E-05	5.49E-07	1.33E-05	5.36E-07	1.43E-05
4527	489863.09, 3858877.25	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.75E-07	1.80E-05	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.01E-06	3.64E-07	9.74E-06
4528	490363.09, 3858877.25	1.65E-05	4.97E-05	2.88E-05	5.50E-07	1.33E-05	5.37E-07	1.44E-05	8.78E-06	2.65E-05	1.54E-05	2.93E-07	7.08E-06	2.87E-07	7.66E-06
4529	490863.09, 3858877.25	1.42E-05	4.28E-05	2.48E-05	4.73E-07	1.14E-05	4.62E-07	1.24E-05	7.44E-06	2.25E-05	1.30E-05	2.48E-07	6.00E-06	2.43E-07	6.49E-06
4530	491363.09, 3858877.25	1.27E-05	3.84E-05	2.23E-05	4.25E-07	1.03E-05	4.15E-07	1.11E-05	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.75E-06
4531	491863.09, 3858877.25	1.07E-05	3.23E-05	1.87E-05	3.57E-07	8.63E-06	3.49E-07	9.34E-06	5.50E-06	1.66E-05	9.62E-06	1.84E-07	4.44E-06	1.80E-07	4.80E-06
4532	492363.09, 3858877.25	9.97E-06	3.01E-05	1.74E-05	3.33E-07	8.04E-06	3.25E-07	8.70E-06	5.14E-06	1.55E-05	8.99E-06	1.72E-07	4.15E-06	1.68E-07	4.49E-06
4533	492863.09, 3858877.25	9.14E-06	2.76E-05	1.60E-05	3.05E-07	7.38E-06	2.98E-07	7.98E-06	4.74E-06	1.43E-05	8.29E-06	1.58E-07	3.83E-06	1.55E-07	4.14E-06
4534	493363.09, 3858877.25	8.31E-06	2.51E-05	1.45E-05	2.78E-07	6.70E-06	2.71E-07	7.25E-06	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.76E-06
4535	493863.09, 3858877.25	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06	3.80E-06	1.15E-05	6.63E-06	1.27E-07	3.06E-06	1.24E-07	3.31E-06
4536	494363.09, 3858877.25	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.39E-06	2.18E-07	5.84E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
4537	494863.09, 3858877.25	6.01E-06	1.82E-05	1.05E-05	2.01E-07	4.85E-06	1.96E-07	5.25E-06	3.11E-06	9.39E-06	5.43E-06	1.04E-07	2.51E-06	1.01E-07	2.71E-06
4538	495363.09, 3858877.25	5.40E-06	1.63E-05	9.45E-06	1.80E-07	4.36E-06	1.76E-07	4.72E-06	2.80E-06	8.45E-06	4.89E-06	9.34E-08	2.26E-06	9.13E-08	2.44E-06
4539	495863.09, 3858877.25	5.17E-06	1.56E-05	9.04E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06	2.67E-06	8.08E-06	4.68E-06	8.93E-08	2.16E-06	8.73E-08	2.33E-06
4540	496363.09, 3858877.25	4.80E-06	1.45E-05	8.39E-06	1.60E-07	3.87E-06	1.57E-07	4.19E-06	2.49E-06	7.52E-06	4.35E-06	8.31E-08	2.01E-06	8.12E-08	2.17E-06
4541	496863.09, 3858877.25	4.53E-06	1.37E-05	7.91E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.35E-06	7.10E-06	4.11E-06	7.85E-08	1.90E-06	7.68E-08	2.05E-06
4542	497363.09, 3858877.25	4.29E-06	1.30E-05	7.51E-06	1.43E-07	3.46E-06	1.40E-07	3.75E-06	2.24E-06	6.75E-06	3.91E-06	7.47E-08	1.80E-06	7.30E-08	1.95E-06
4543	497863.09, 3858877.25	4.31E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06	2.25E-06	6.80E-06	3.93E-06	7.52E-08	1.82E-06	7.35E-08	1.96E-06
4544	498363.09, 3858877.25	4.22E-06	1.27E-05	7.38E-06	1.41E-07	3.40E-06	1.38E-07	3.68E-06	2.21E-06	6.69E-06	3.87E-06	7.39E-08	1.79E-06	7.23E-08	1.93E-06
4545	471363.09, 3859377.25	8.36E-07	2.52E-06	1.46E-06	2.79E-08	6.74E-07	2.73E-08	7.29E-07	4.46E-07	1.35E-06	7.80E-07	1.49E-08	3.60E-07	1.46E-08	3.89E-07
4546	471863.09, 3859377.25	8.67E-07	2.62E-06	1.51E-06	2.89E-08	6.99E-07	2.83E-08	7.56E-07	4.62E-07	1.40E-06	8.08E-07	1.54E-08	3.73E-07	1.51E-08	4.03E-07
4547	472363.09, 3859377.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.87E-07	4.81E-07	1.45E-06	8.41E-07	1.61E-08	3.88E-07	1.57E-08	4.20E-07
4548	472863.09, 3859377.25	9.34E-07	2.82E-06	1.63E-06	3.12E-08	7.54E-07	3.05E-08	8.15E-07	4.98E-07	1.50E-06	8.70E-07	1.66E-08	4.02E-07	1.62E-08	4.34E-07
4549	473363.09, 3859377.25	9.71E-07	2.93E-06	1.70E-06	3.24E-08	7.83E-07	3.17E-08	8.47E-07	5.17E-07	1.56E-06	9.04E-07	1.73E-08	4.17E-07	1.69E-08	4.51E-07
4550	473863.09, 3859377.25	1.02E-06	3.07E-06	1.78E-06	3.39E-08	8.20E-07	3.32E-08	8.87E-07	5.40E-07	1.63E-06	9.43E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07
4551	474363.09, 3859377.25	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.39E-07	3.39E-08	9.07E-07	5.49E-07	1.66E-06	9.59E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
4552	474863.09, 3859377.25	1.02E-06	3.08E-06	1.78E-06	3.41E-08	8.23E-07	3.33E-08	8.90E-07	5.35E-07	1.61E-06	9.34E-07	1.78E-08	4.31E-07	1.74E-08	4.66E-07
4553	475363.09, 3859377.25	9.09E-07	2.75E-06	1.59E-06	3.04E-08	7.34E-07	2.97E-08	7.94E-07	4.76E-07	1.44E-06	8.33E-07	1.59E-08	3.84E-07	1.55E-08	4.16E-07
4554	475863.09, 3859377.25	7.64E-07	2.31E-06	1.34E-06	2.55E-08	6.17E-07	2.49E-08	6.67E-07	4.02E-07	1.22E-06	7.04E-07	1.34E-08	3.25E-07	1.31E-08	3.51E-07
4555	476363.09, 3859377.25	7.45E-07	2.25E-06	1.30E-06	2.49E-08	6.01E-07	2.43E-08	6.50E-07	3.93E-07	1.19E-06	6.86E-07	1.31E-08	3.17E-07	1.28E-08	3.43E-07
4556	476863.09, 3859377.25	6.95E-07	2.10E-06	1.22E-06	2.32E-08	5.61E-07	2.27E-08	6.07E-07	3.67E-07	1.11E-06	6.42E-07	1.23E-08	2.96E-07	1.20E-08	3.21E-07
4557	477363.09, 3859377.25	7.41E-07	2.24E-06	1.29E-06	2.47E-08	5.97E-07	2.42E-08	6.46E-07	3.91E-07	1.18E-06	6.83E-07	1.30E-08	3.15E-07	1.27E-08	3.41E-07
4558	477863.09, 3859377.25	1.00E-06	3.03E-06	1.75E-06	3.35E-08	8.09E-07	3.27E-08	8.76E-07	5.23E-07	1.58E-06	9.15E-07	1.75E-08	4.22E-07	1.71E-08	4.57E-07
4559	478363.09, 3859377.25	1.30E-06	3.91E-06	2.27E-06	4.33E-08	1.05E-06	4.23E-08	1.13E-06	6.71E-07	2.03E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.85E-07
4560	478863.09, 3859377.25	1.56E-06	4.70E-06	2.72E-06	5.20E-08	1.26E-06	5.08E-08	1.36E-06	8.05E-07	2.43E-06	1.41E-06	2.69E-08	6.49E-07	2.63E-08	7.02E-07
4561	479363.09, 3859377.25	1.71E-06	5.17E-06	2.99E-06	5.72E-08	1.38E-06	5.59E-08	1.50E-06	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.75E-07
4562	479863.09, 3859377.25	1.83E-06	5.52E-06	3.20E-06	6.11E-08	1.48E-06	5.97E-08	1.60E-06	9.52E-07	2.87E-06	1.66E-06	3.18E-08	7.68E-07	3.11E-08	8.31E-07
4563	480363.09, 3859377.25	1.91E-06	5.77E-06	3.34E-06	6.38E-08	1.54E-06	6.24E-08	1.67E-06	9.98E-07	3.01E-06	1.75E-06	3.33E-08	8.05E-07	3.26E-08	8.71E-07
4564	480863.09, 3859377.25	2.00E-06	6.02E-06	3.49E-06	6.66E-08	1.61E-06	6.51E-08	1.74E-06	1.04E-06	3.15E-06	1.83E-06	3.49E-08	8.43E-07	3.41E-08	9.12E-07
4565	481363.09, 3859377.25	2.09E-06	6.30E-06	3.65E-06	6.97E-08	1.68E-06	6.81E-08	1.82E-06	1.09E-06	3.30E-06	1.91E-06	3.65E-08	8.82E-07	3.57E-08	9.54E-07
4566	481863.09, 3859377.25	2.19E-06	6.62E-06	3.83E-06	7.32E-08	1.77E-06	7.15E-08	1.91E-06	1.15E-06	3.47E-06	2.01E-06	3.84E-08	9.27E-07	3.75E-08	1.00E-06
4567	482363.09, 3859377.25	2.35E-06	7.09E-06	4.10E-06	7.84E-08	1.89E-06	7.66E-08	2.05E-06	1.23E-06	3.71E-06	2.15E-06	4.11E-08	9.92E-07	4.01E-08	1.07E-06
4568	482863.09, 3859377.25	2.47E-06	7.46E-06	4.32E-06	8.25E-08	1.99E-06	8.07E-08	2.16E-06	1.30E-06	3.91E-06	2.26E-06	4.33E-08	1.04E-06	4.23E-08	1.13E-06
4569	483363.09, 3859377.25	2.56E-06	7.72E-06	4.47E-06	8.54E-08	2.06E-06	8.35E-08	2.23E-06	1.35E-06	4.07E-06	2.36E-06	4.50E-08	1.09E-06	4.40E-08	1.18E-06
4570	483863.09, 3859377.25	2.68E-06	8.08E-06	4.68E-06	8.94E-08	2.16E-06	8.74E-08	2.34E-06	1.41E-06	4.27E-06	2.47E-06	4.72E-08	1.14E-06	4.61E-08	1.23E-06
4571	484363.09, 3859377.25	2.96E-06	8.94E-06	5.18E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06	1.56E-06	4.72E-06	2.73E-06	5.21E-08	1.26E-06	5.10E-08	1.36E-06
4572	484863.09, 3859377.25	3.40E-06	1.03E-05	5.94E-06	1.14E-07	2.74E-06	1.11E-07	2.97E-06	1.79E-06	5.39E-06	3.12E-06	5.96E-08	1.44E-06	5.83E-08	1.56E-06
4573	485363.09, 3859377.25	4.13E-06	1.25E-05	7.22E-06	1.38E-07	3.33E-06	1.35E-07	3.60E-06	2.15E-06	6.50E-06	3.76E-06	7.19E-08	1.74E-06	7.03E-08	1.88E-06
4574	485863.09, 3859377.25	5.27E-06	1.59E-05	9.21E-06	1.76E-07	4.25E-06	1.72E-07	4.60E-06	2.72E-06	8.22E-06	4.76E-06	9.10E-08	2.20E-06	8.89E-08	2.38E-06
4575	486363.09, 3859377.25	7.42E-06	2.24E-05	1.30E-05	2.48E-07	5.99E-06	2.42E-07	6.48E-06	3.79E-06	1.14E-05	6.63E-06	1.27E-07	3.06E-06	1.24E-07	3.31E-06
4576	486863.09, 3859377.25	1.90E-05	5.72E-05	3.31E-05	6.33E-07	1.53E-05	6.18E-07	1.65E-05	9.43E-06	2.85E-05	1.65E-05	3.15E-07	7.60E-06	3.08E-07	8.23E-06
4577	487363.09, 3859377.25	4.83E-05	1.46E-04	8.44E-05	1.61E-06	3.89E-05	1.58E-06	4.21E-05	2.37E-05	7.17E-05	4.15E-05	7.93E-07	1.91E-05	7.75E-07	2.07E-05
4578	487863.09, 3859377.25	5.58E-05	1.69E-04	9.76E-05	1.86E-06	4.50E-05	1.82E-06	4.87E-05	2.75E-05	8.29E-05	4.80E-05	9.17E-07	2.21E-05	8.96E-07	2.40E-05
4579	488363.09, 3859377.25	5.94E-05	1.79E-04	1.04E-04	1.98E-06	4.79E-05	1.94E-06	5.18E-05	2.93E-05	8.84E-05	5.12E-05	9.78E-07	2.36E-05	9.55E-07	2.56E-05
4580	488863.09, 3859377.25	4.26E-05	1.29E-04	7.44E-05	1.42E-06	3.43E-05	1.39E-06	3.72E-05	2.13E-05	6.44E-05	3.73E-05	7.12E-07	1.72E-05	6.96E-07	1.86E-05
4581	489363.09, 3859377.25	2.67E-05	8.06E-05	4.67E-05	8.91E-07	2.15E-05	8.71E-07	2.33E-05	1.46E-05	4.41E-05	2.55E-05	4.88E-07	1.18E-05	4.76E-07	1.27E-05
4582	489863.09, 3859377.25	5.14E-05	1.55E-04	8.98E-05	1.71E-06	4.14E-05	1.68E-06	4.48E-05	3.02E-05	9.12E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05
4583	490363.09, 3859377.25	2.21E-05	6.68E-05	3.87E-05	7.39E-07	1.78E-05	7.22E-07	1.93E-05	1.24E-05	3.76E-05	2.17E-05	4.15E-07	1.00E-05	4.06E-07	1.09E-05
4584	490863.09, 3859377.25	1.61E-05	4.85E-05	2.81E-05	5.37E-07	1.30E-05	5.24E-07	1.40E-05	8.73E-06	2.64E-05	1.53E-05	2.92E-07	7.05E-06	2.85E-07	7.62E-06

4585	491363.09, 3859377.25	1.35E-05	4.09E-05	2.37E-05	4.52E-07	1.09E-05	4.42E-07	1.18E-05	7.13E-06	2.15E-05	1.25E-05	2.38E-07	5.75E-06	2.33E-07	6.22E-06
4586	491863.09, 3859377.25	1.12E-05	3.39E-05	1.96E-05	3.75E-07	9.05E-06	3.66E-07	9.79E-06	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06
4587	492363.09, 3859377.25	9.85E-06	2.97E-05	1.72E-05	3.29E-07	7.95E-06	3.22E-07	8.60E-06	5.23E-06	1.58E-05	9.14E-06	1.75E-07	4.22E-06	1.71E-07	4.56E-06
4588	492863.09, 3859377.25	8.78E-06	2.65E-05	1.53E-05	2.93E-07	7.08E-06	2.86E-07	7.66E-06	4.66E-06	1.41E-05	8.15E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06
4589	493363.09, 3859377.25	7.99E-06	2.41E-05	1.40E-05	2.67E-07	6.44E-06	2.61E-07	6.97E-06	4.21E-06	1.27E-05	7.37E-06	1.41E-07	3.40E-06	1.38E-07	3.68E-06
4590	493863.09, 3859377.25	7.27E-06	2.19E-05	1.27E-05	2.43E-07	5.86E-06	2.37E-07	6.34E-06	3.83E-06	1.16E-05	6.70E-06	1.28E-07	3.09E-06	1.25E-07	3.35E-06
4591	494363.09, 3859377.25	6.70E-06	2.02E-05	1.17E-05	2.24E-07	5.41E-06	2.19E-07	5.85E-06	3.53E-06	1.06E-05	6.16E-06	1.18E-07	2.84E-06	1.15E-07	3.08E-06
4592	494863.09, 3859377.25	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.55E-06	1.07E-05	6.21E-06	1.19E-07	2.86E-06	1.16E-07	3.10E-06
4593	495363.09, 3859377.25	5.66E-06	1.71E-05	9.89E-06	1.89E-07	4.56E-06	1.85E-07	4.94E-06	2.96E-06	8.95E-06	5.18E-06	9.89E-08	2.39E-06	9.67E-08	2.59E-06
4594	495863.09, 3859377.25	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.71E-06	8.19E-06	4.74E-06	9.06E-08	2.19E-06	8.85E-08	2.37E-06
4595	496363.09, 3859377.25	4.85E-06	1.46E-05	8.47E-06	1.62E-07	3.91E-06	1.58E-07	4.23E-06	2.54E-06	7.68E-06	4.45E-06	8.50E-08	2.05E-06	8.30E-08	2.22E-06
4596	496863.09, 3859377.25	4.45E-06	1.34E-05	7.77E-06	1.49E-07	3.59E-06	1.45E-07	3.88E-06	2.34E-06	7.05E-06	4.08E-06	7.80E-08	1.88E-06	7.62E-08	2.04E-06
4597	497363.09, 3859377.25	4.26E-06	1.29E-05	7.45E-06	1.42E-07	3.44E-06	1.39E-07	3.72E-06	2.25E-06	6.78E-06	3.93E-06	7.50E-08	1.81E-06	7.33E-08	1.96E-06
4598	497863.09, 3859377.25	4.12E-06	1.24E-05	7.20E-06	1.38E-07	3.32E-06	1.34E-07	3.59E-06	2.18E-06	6.59E-06	3.81E-06	7.29E-08	1.76E-06	7.12E-08	1.90E-06
4599	498363.09, 3859377.25	3.95E-06	1.19E-05	6.91E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06	2.11E-06	6.37E-06	3.68E-06	7.04E-08	1.70E-06	6.88E-08	1.84E-06
4600	471363.09, 3859877.25	8.17E-07	2.47E-06	1.43E-06	2.73E-08	6.59E-07	2.66E-08	7.13E-07	4.36E-07	1.32E-06	7.63E-07	1.46E-08	3.52E-07	1.42E-08	3.81E-07
4601	471863.09, 3859877.25	8.48E-07	2.56E-06	1.48E-06	2.83E-08	6.84E-07	2.77E-08	7.40E-07	4.53E-07	1.37E-06	7.91E-07	1.51E-08	3.65E-07	1.48E-08	3.95E-07
4602	472363.09, 3859877.25	8.78E-07	2.65E-06	1.54E-06	2.93E-08	7.09E-07	2.87E-08	7.67E-07	4.68E-07	1.41E-06	8.18E-07	1.56E-08	3.78E-07	1.53E-08	4.09E-07
4603	472863.09, 3859877.25	9.06E-07	2.74E-06	1.58E-06	3.02E-08	7.31E-07	2.96E-08	7.90E-07	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.90E-07	1.58E-08	4.21E-07
4604	473363.09, 3859877.25	9.37E-07	2.83E-06	1.64E-06	3.13E-08	7.56E-07	3.06E-08	8.18E-07	4.99E-07	1.51E-06	8.73E-07	1.67E-08	4.03E-07	1.63E-08	4.36E-07
4605	473863.09, 3859877.25	9.78E-07	2.95E-06	1.71E-06	3.27E-08	7.89E-07	3.19E-08	8.54E-07	5.20E-07	1.57E-06	9.09E-07	1.74E-08	4.20E-07	1.70E-08	4.54E-07
4606	474363.09, 3859877.25	1.02E-06	3.09E-06	1.79E-06	3.41E-08	8.25E-07	3.34E-08	8.92E-07	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07
4607	474863.09, 3859877.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.31E-07	3.36E-08	8.99E-07	5.41E-07	1.63E-06	9.46E-07	1.81E-08	4.36E-07	1.77E-08	4.72E-07
4608	475363.09, 3859877.25	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.66E-07	3.10E-08	8.29E-07	4.97E-07	1.50E-06	8.68E-07	1.66E-08	4.01E-07	1.62E-08	4.34E-07
4609	475863.09, 3859877.25	7.29E-07	2.20E-06	1.28E-06	2.44E-08	5.88E-07	2.38E-08	6.37E-07	3.84E-07	1.16E-06	6.72E-07	1.28E-08	3.10E-07	1.25E-08	3.36E-07
4610	476363.09, 3859877.25	6.04E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.97E-08	5.27E-07	3.20E-07	9.68E-07	5.60E-07	1.07E-08	2.58E-07	1.05E-08	2.80E-07
4611	476863.09, 3859877.25	6.46E-07	1.95E-06	1.13E-06	2.16E-08	5.21E-07	2.11E-08	5.64E-07	3.42E-07	1.03E-06	5.98E-07	1.14E-08	2.76E-07	1.12E-08	2.98E-07
4612	477363.09, 3859877.25	6.77E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	3.58E-07	1.08E-06	6.26E-07	1.20E-08	2.89E-07	1.17E-08	3.13E-07
4613	477863.09, 3859877.25	9.14E-07	2.76E-06	1.60E-06	3.05E-08	7.37E-07	2.98E-08	7.98E-07	4.78E-07	1.44E-06	8.35E-07	1.60E-08	3.85E-07	1.56E-08	4.17E-07
4614	478363.09, 3859877.25	1.23E-06	3.71E-06	2.15E-06	4.11E-08	9.92E-07	4.01E-08	1.07E-06	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.56E-07
4615	478863.09, 3859877.25	1.46E-06	4.40E-06	2.54E-06	4.86E-08	1.17E-06	4.75E-08	1.27E-06	7.54E-07	2.28E-06	1.32E-06	2.52E-08	6.08E-07	2.46E-08	6.58E-07
4616	479363.09, 3859877.25	1.61E-06	4.86E-06	2.81E-06	5.37E-08	1.30E-06	5.25E-08	1.40E-06	8.36E-07	2.53E-06	1.46E-06	2.79E-08	6.75E-07	2.73E-08	7.30E-07
4617	479863.09, 3859877.25	1.68E-06	5.08E-06	2.94E-06	5.61E-08	1.36E-06	5.49E-08	1.47E-06	8.78E-07	2.65E-06	1.54E-06	2.93E-08	7.09E-07	2.87E-08	7.67E-07
4618	480363.09, 3859877.25	1.74E-06	5.25E-06	3.04E-06	5.80E-08	1.40E-06	5.67E-08	1.52E-06	9.12E-07	2.75E-06	1.59E-06	3.05E-08	7.36E-07	2.98E-08	7.96E-07
4619	480863.09, 3859877.25	1.80E-06	5.44E-06	3.15E-06	6.02E-08	1.45E-06	5.88E-08	1.57E-06	9.47E-07	2.86E-06	1.66E-06	3.16E-08	7.64E-07	3.09E-08	8.26E-07
4620	481363.09, 3859877.25	1.87E-06	5.64E-06	3.26E-06	6.24E-08	1.51E-06	6.10E-08	1.63E-06	9.83E-07	2.97E-06	1.72E-06	3.28E-08	7.93E-07	3.21E-08	8.58E-07
4621	481863.09, 3859877.25	1.96E-06	5.91E-06	3.42E-06	6.54E-08	1.58E-06	6.39E-08	1.71E-06	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.31E-07	3.36E-08	8.99E-07
4622	482363.09, 3859877.25	2.07E-06	6.24E-06	3.61E-06	6.91E-08	1.67E-06	6.75E-08	1.80E-06	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.77E-07	3.55E-08	9.49E-07
4623	482863.09, 3859877.25	2.17E-06	6.55E-06	3.79E-06	7.24E-08	1.75E-06	7.08E-08	1.89E-06	1.14E-06	3.44E-06	1.99E-06	3.81E-08	9.20E-07	3.72E-08	9.95E-07
4624	483363.09, 3859877.25	2.27E-06	6.86E-06	3.97E-06	7.59E-08	1.83E-06	7.42E-08	1.98E-06	1.20E-06	3.61E-06	2.09E-06	3.99E-08	9.65E-07	3.90E-08	1.04E-06
4625	483863.09, 3859877.25	2.32E-06	7.02E-06	4.06E-06	7.76E-08	1.87E-06	7.58E-08	2.03E-06	1.23E-06	3.71E-06	2.15E-06	4.10E-08	9.91E-07	4.01E-08	1.07E-06
4626	484363.09, 3859877.25	2.51E-06	7.59E-06	4.39E-06	8.39E-08	2.03E-06	8.20E-08	2.19E-06	1.33E-06	4.01E-06	2.32E-06	4.43E-08	1.07E-06	4.33E-08	1.16E-06
4627	484863.09, 3859877.25	2.79E-06	8.43E-06	4.88E-06	9.32E-08	2.25E-06	9.11E-08	2.44E-06	1.47E-06	4.44E-06	2.57E-06	4.91E-08	1.19E-06	4.79E-08	1.28E-06
4628	485363.09, 3859877.25	3.24E-06	9.77E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06	1.69E-06	5.12E-06	2.96E-06	5.66E-08	1.37E-06	5.53E-08	1.48E-06
4629	485863.09, 3859877.25	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06	2.03E-06	6.14E-06	3.55E-06	6.79E-08	1.64E-06	6.63E-08	1.77E-06
4630	486363.09, 3859877.25	4.82E-06	1.46E-05	8.43E-06	1.61E-07	3.89E-06	1.57E-07	4.21E-06	2.50E-06	7.53E-06	4.36E-06	8.33E-08	2.01E-06	8.14E-08	2.18E-06
4631	486863.09, 3859877.25	6.33E-06	1.91E-05	1.11E-05	2.12E-07	5.11E-06	2.07E-07	5.53E-06	3.25E-06	9.81E-06	5.68E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
4632	487363.09, 3859877.25	1.11E-05	3.34E-05	1.93E-05	3.70E-07	8.93E-06	3.61E-07	9.66E-06	5.57E-06	1.68E-05	9.74E-06	1.86E-07	4.49E-06	1.82E-07	4.86E-06
4633	487863.09, 3859877.25	4.52E-05	1.36E-04	7.90E-05	1.51E-06	3.65E-05	1.47E-06	3.94E-05	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05
4634	488363.09, 3859877.25	4.75E-05	1.44E-04	8.31E-05	1.59E-06	3.84E-05	1.55E-06	4.15E-05	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05
4635	488863.09, 3859877.25	2.64E-05	7.96E-05	4.61E-05	8.80E-07	2.13E-05	8.60E-07	2.30E-05	1.31E-05	3.97E-05	2.30E-05	4.39E-07	1.06E-05	4.29E-07	1.15E-05
4636	489363.09, 3859877.25	2.14E-05	6.45E-05	3.73E-05	7.13E-07	1.72E-05	6.97E-07	1.86E-05	1.08E-05	3.26E-05	1.89E-05	3.61E-07	8.71E-06	3.53E-07	9.43E-06
4637	489863.09, 3859877.25	1.64E-05	4.96E-05	2.87E-05	5.49E-07	1.33E-05	5.36E-07	1.43E-05	8.64E-06	2.61E-05	1.51E-05	2.88E-07	6.97E-06	2.82E-07	7.54E-06
4638	490363.09, 3859877.25	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.28E-05	5.20E-07	1.39E-05	9.18E-06	2.77E-05	1.60E-05	3.07E-07	7.41E-06	3.00E-07	8.01E-06
4639	490863.09, 3859877.25	5.28E-05	1.59E-04	9.23E-05	1.76E-06	4.26E-05	1.72E-06	4.61E-05	3.66E-05	1.10E-04	6.39E-05	1.22E-06	2.95E-05	1.19E-06	3.19E-05
4640	491363.09, 3859877.25	2.22E-05	6.71E-05	3.88E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.29E-05	3.90E-05	2.26E-05	4.31E-07	1.04E-05	4.21E-07	1.13E-05
4641	491863.09, 3859877.25	1.30E-05	3.92E-05	2.27E-05	4.33E-07	1.05E-05	4.23E-07	1.13E-05	7.38E-06	2.23E-05	1.29E-05	2.46E-07	5.95E-06	2.41E-07	6.44E-06
4642	492363.09, 3859877.25	9.94E-06	3.00E-05	1.74E-05	3.32E-07	8.01E-06	3.24E-07	8.67E-06	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.48E-06	1.81E-07	4.85E-06
4643	492863.09, 3859877.25	8.28E-06	2.50E-05	1.45E-05	2.76E-07	6.68E-06	2.70E-07	7.23E-06	4.56E-06	1.38E-05	7.97E-06	1.52E-07	3.68E-06	1.49E-07	3.98E-06
4644	493363.09, 3859877.25	7.20E-06	2.17E-05	1.26E-05	2.40E-07	5.80E-06	2.35E-07	6.28E-06	3.94E-06	1.19E-05	6.89E-06	1.32E-07	3.18E-06	1.29E-07	3.44E-06
4645	493863.09, 3859877.25	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.51E-06	1.06E-05	6.14E-06	1.17E-07	2.83E-06	1.15E-07	3.06E-06
4646	494363.09, 3859877.25	6.00E-06	1.81E-05	1.05E-05	2.00E-07	4.84E-06	1.96E-07	5.24E-06	3.25E-06	9.80E-06	5.67E-06	1.08E-07	2.62E-06	1.06E-07	2.83E-06

4647	494863.09, 3859877.25	5.46E-06	1.65E-05	9.55E-06	1.82E-07	4.41E-06	1.78E-07	4.77E-06	2.96E-06	8.92E-06	5.17E-06	9.87E-08	2.38E-06	9.64E-08	2.58E-06
4648	495363.09, 3859877.25	5.04E-06	1.52E-05	8.81E-06	1.68E-07	4.06E-06	1.64E-07	4.40E-06	2.72E-06	8.21E-06	4.75E-06	9.08E-08	2.19E-06	8.87E-08	2.37E-06
4649	495863.09, 3859877.25	4.70E-06	1.42E-05	8.22E-06	1.57E-07	3.79E-06	1.53E-07	4.10E-06	2.53E-06	7.64E-06	4.43E-06	8.45E-08	2.04E-06	8.26E-08	2.21E-06
4650	496363.09, 3859877.25	4.38E-06	1.32E-05	7.65E-06	1.46E-07	3.53E-06	1.43E-07	3.82E-06	2.35E-06	7.08E-06	4.10E-06	7.83E-08	1.89E-06	7.66E-08	2.05E-06
4651	496863.09, 3859877.25	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.05E-06	6.19E-06	3.59E-06	6.85E-08	1.65E-06	6.69E-08	1.79E-06
4652	497363.09, 3859877.25	3.85E-06	1.16E-05	6.74E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.06E-06	6.23E-06	3.61E-06	6.90E-08	1.67E-06	6.74E-08	1.80E-06
4653	497863.09, 3859877.25	3.74E-06	1.13E-05	6.53E-06	1.25E-07	3.01E-06	1.22E-07	3.26E-06	2.02E-06	6.11E-06	3.54E-06	6.76E-08	1.63E-06	6.60E-08	1.77E-06
4654	498363.09, 3859877.25	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.85E-06	1.15E-07	3.09E-06	1.93E-06	5.84E-06	3.38E-06	6.46E-08	1.56E-06	6.31E-08	1.69E-06
4655	471363.09, 3860377.25	7.93E-07	2.39E-06	1.39E-06	2.65E-08	6.40E-07	2.59E-08	6.92E-07	4.24E-07	1.28E-06	7.41E-07	1.42E-08	3.42E-07	1.38E-08	3.70E-07
4656	471863.09, 3860377.25	8.23E-07	2.49E-06	1.44E-06	2.75E-08	6.64E-07	2.69E-08	7.18E-07	4.40E-07	1.33E-06	7.68E-07	1.47E-08	3.55E-07	1.43E-08	3.84E-07
4657	472363.09, 3860377.25	8.50E-07	2.57E-06	1.49E-06	2.84E-08	6.85E-07	2.77E-08	7.41E-07	4.53E-07	1.37E-06	7.93E-07	1.51E-08	3.66E-07	1.48E-08	3.96E-07
4658	472863.09, 3860377.25	8.76E-07	2.64E-06	1.53E-06	2.93E-08	7.07E-07	2.86E-08	7.64E-07	4.67E-07	1.41E-06	8.17E-07	1.56E-08	3.77E-07	1.52E-08	4.08E-07
4659	473363.09, 3860377.25	9.07E-07	2.74E-06	1.59E-06	3.03E-08	7.32E-07	2.96E-08	7.92E-07	4.84E-07	1.46E-06	8.45E-07	1.61E-08	3.90E-07	1.58E-08	4.22E-07
4660	473863.09, 3860377.25	9.42E-07	2.84E-06	1.65E-06	3.15E-08	7.60E-07	3.07E-08	8.22E-07	5.01E-07	1.51E-06	8.76E-07	1.67E-08	4.04E-07	1.64E-08	4.37E-07
4661	474363.09, 3860377.25	9.90E-07	2.99E-06	1.73E-06	3.31E-08	7.98E-07	3.23E-08	8.64E-07	5.25E-07	1.58E-06	9.17E-07	1.75E-08	4.23E-07	1.71E-08	4.58E-07
4662	474863.09, 3860377.25	1.04E-06	3.13E-06	1.81E-06	3.46E-08	8.36E-07	3.38E-08	9.04E-07	5.46E-07	1.65E-06	9.55E-07	1.82E-08	4.41E-07	1.78E-08	4.77E-07
4663	475363.09, 3860377.25	1.05E-06	3.18E-06	1.84E-06	3.52E-08	8.50E-07	3.44E-08	9.20E-07	5.53E-07	1.67E-06	9.66E-07	1.85E-08	4.46E-07	1.80E-08	4.82E-07
4664	475863.09, 3860377.25	1.06E-06	3.20E-06	1.85E-06	3.53E-08	8.54E-07	3.45E-08	9.24E-07	5.53E-07	1.67E-06	9.66E-07	1.85E-08	4.46E-07	1.80E-08	4.82E-07
4665	476363.09, 3860377.25	1.02E-06	3.07E-06	1.78E-06	3.40E-08	8.20E-07	3.32E-08	8.87E-07	5.29E-07	1.60E-06	9.25E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
4666	476863.09, 3860377.25	9.96E-07	3.01E-06	1.74E-06	3.33E-08	8.03E-07	3.25E-08	8.69E-07	5.18E-07	1.57E-06	9.06E-07	1.73E-08	4.18E-07	1.69E-08	4.52E-07
4667	477363.09, 3860377.25	7.89E-07	2.38E-06	1.38E-06	2.63E-08	6.36E-07	2.57E-08	6.89E-07	4.14E-07	1.25E-06	7.24E-07	1.38E-08	3.34E-07	1.35E-08	3.61E-07
4668	477863.09, 3860377.25	9.03E-07	2.73E-06	1.58E-06	3.02E-08	7.28E-07	2.95E-08	7.88E-07	4.72E-07	1.42E-06	8.24E-07	1.58E-08	3.80E-07	1.54E-08	4.12E-07
4669	478363.09, 3860377.25	1.21E-06	3.67E-06	2.12E-06	4.06E-08	9.80E-07	3.96E-08	1.06E-06	6.29E-07	1.90E-06	1.10E-06	2.10E-08	5.07E-07	2.05E-08	5.49E-07
4670	478863.09, 3860377.25	1.38E-06	4.16E-06	2.41E-06	4.60E-08	1.11E-06	4.49E-08	1.20E-06	7.14E-07	2.16E-06	1.25E-06	2.39E-08	5.76E-07	2.33E-08	6.23E-07
4671	479363.09, 3860377.25	1.50E-06	4.54E-06	2.63E-06	5.02E-08	1.21E-06	4.91E-08	1.31E-06	7.84E-07	2.37E-06	1.37E-06	2.62E-08	6.32E-07	2.56E-08	6.84E-07
4672	479863.09, 3860377.25	1.55E-06	4.68E-06	2.71E-06	5.17E-08	1.25E-06	5.06E-08	1.35E-06	8.12E-07	2.45E-06	1.42E-06	2.71E-08	6.55E-07	2.65E-08	7.09E-07
4673	480363.09, 3860377.25	1.58E-06	4.77E-06	2.76E-06	5.28E-08	1.27E-06	5.16E-08	1.38E-06	8.32E-07	2.51E-06	1.45E-06	2.78E-08	6.71E-07	2.71E-08	7.26E-07
4674	480863.09, 3860377.25	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.28E-08	1.41E-06	8.55E-07	2.58E-06	1.49E-06	2.85E-08	6.89E-07	2.79E-08	7.46E-07
4675	481363.09, 3860377.25	1.68E-06	5.06E-06	2.93E-06	5.60E-08	1.35E-06	5.47E-08	1.46E-06	8.86E-07	2.67E-06	1.55E-06	2.96E-08	7.14E-07	2.89E-08	7.73E-07
4676	481863.09, 3860377.25	1.74E-06	5.25E-06	3.04E-06	5.81E-08	1.40E-06	5.68E-08	1.52E-06	9.20E-07	2.78E-06	1.61E-06	3.07E-08	7.42E-07	3.00E-08	8.03E-07
4677	482363.09, 3860377.25	1.82E-06	5.51E-06	3.19E-06	6.09E-08	1.47E-06	5.95E-08	1.59E-06	9.65E-07	2.91E-06	1.69E-06	3.22E-08	7.78E-07	3.15E-08	8.42E-07
4678	482863.09, 3860377.25	1.90E-06	5.75E-06	3.33E-06	6.36E-08	1.54E-06	6.21E-08	1.66E-06	1.01E-06	3.04E-06	1.76E-06	3.36E-08	8.12E-07	3.28E-08	8.78E-07
4679	483363.09, 3860377.25	1.96E-06	5.93E-06	3.43E-06	6.56E-08	1.58E-06	6.41E-08	1.71E-06	1.04E-06	3.14E-06	1.82E-06	3.47E-08	8.39E-07	3.40E-08	9.08E-07
4680	483863.09, 3860377.25	2.06E-06	6.21E-06	3.60E-06	6.87E-08	1.66E-06	6.72E-08	1.80E-06	1.09E-06	3.29E-06	1.91E-06	3.64E-08	8.80E-07	3.56E-08	9.52E-07
4681	484363.09, 3860377.25	2.12E-06	6.41E-06	3.71E-06	7.09E-08	1.71E-06	6.93E-08	1.85E-06	1.13E-06	3.41E-06	1.97E-06	3.77E-08	9.10E-07	3.68E-08	9.85E-07
4682	484863.09, 3860377.25	2.29E-06	6.91E-06	4.00E-06	7.64E-08	1.85E-06	7.47E-08	2.00E-06	1.21E-06	3.66E-06	2.12E-06	4.05E-08	9.78E-07	3.96E-08	1.06E-06
4683	485363.09, 3860377.25	2.53E-06	7.65E-06	4.43E-06	8.46E-08	2.04E-06	8.27E-08	2.21E-06	1.34E-06	4.04E-06	2.34E-06	4.47E-08	1.08E-06	4.36E-08	1.17E-06
4684	485863.09, 3860377.25	2.94E-06	8.87E-06	5.13E-06	9.81E-08	2.37E-06	9.58E-08	2.56E-06	1.54E-06	4.66E-06	2.70E-06	5.15E-08	1.24E-06	5.03E-08	1.35E-06
4685	486363.09, 3860377.25	3.49E-06	1.05E-05	6.09E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06	1.82E-06	5.49E-06	3.18E-06	6.08E-08	1.47E-06	5.94E-08	1.59E-06
4686	486863.09, 3860377.25	4.46E-06	1.35E-05	7.80E-06	1.49E-07	3.60E-06	1.46E-07	3.89E-06	2.31E-06	6.96E-06	4.03E-06	7.70E-08	1.86E-06	7.52E-08	2.01E-06
4687	487363.09, 3860377.25	7.61E-06	2.30E-05	1.33E-05	2.54E-07	6.14E-06	2.48E-07	6.64E-06	3.85E-06	1.16E-05	6.74E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06
4688	487863.09, 3860377.25	3.98E-05	1.20E-04	6.96E-05	1.33E-06	3.21E-05	1.30E-06	3.48E-05	1.96E-05	5.90E-05	3.42E-05	6.53E-07	1.58E-05	6.38E-07	1.71E-05
4689	488363.09, 3860377.25	5.01E-05	1.51E-04	8.77E-05	1.67E-06	4.04E-05	1.64E-06	4.38E-05	2.46E-05	7.43E-05	4.30E-05	8.21E-07	1.98E-05	8.03E-07	2.15E-05
4690	488863.09, 3860377.25	5.20E-05	1.57E-04	9.09E-05	1.74E-06	4.19E-05	1.70E-06	4.54E-05	2.55E-05	7.71E-05	4.46E-05	8.52E-07	2.06E-05	8.33E-07	2.23E-05
4691	489363.09, 3860377.25	2.48E-05	7.49E-05	4.33E-05	8.28E-07	2.00E-05	8.09E-07	2.16E-05	1.23E-05	3.72E-05	2.15E-05	4.11E-07	9.94E-06	4.02E-07	1.07E-05
4692	489863.09, 3860377.25	1.31E-05	3.94E-05	2.28E-05	4.36E-07	1.05E-05	4.26E-07	1.14E-05	6.66E-06	2.01E-05	1.16E-05	2.22E-07	5.37E-06	2.17E-07	5.81E-06
4693	490363.09, 3860377.25	9.67E-06	2.92E-05	1.69E-05	3.23E-07	7.80E-06	3.16E-07	8.44E-06	5.10E-06	1.54E-05	8.91E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06
4694	490863.09, 3860377.25	8.69E-06	2.62E-05	1.52E-05	2.90E-07	7.01E-06	2.84E-07	7.59E-06	4.82E-06	1.45E-05	8.42E-06	1.61E-07	3.89E-06	1.57E-07	4.20E-06
4695	491363.09, 3860377.25	1.20E-05	3.63E-05	2.10E-05	4.01E-07	9.69E-06	3.92E-07	1.05E-05	7.62E-06	2.30E-05	1.33E-05	2.54E-07	6.15E-06	2.49E-07	6.65E-06
4696	491863.09, 3860377.25	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05	1.14E-05	3.44E-05	1.99E-05	3.81E-07	9.19E-06	3.72E-07	9.94E-06
4697	492363.09, 3860377.25	9.02E-06	2.72E-05	1.58E-05	3.01E-07	7.28E-06	2.94E-07	7.87E-06	5.61E-06	1.69E-05	9.81E-06	1.87E-07	4.53E-06	1.83E-07	4.90E-06
4698	492863.09, 3860377.25	7.56E-06	2.28E-05	1.32E-05	2.53E-07	6.10E-06	2.47E-07	6.60E-06	4.50E-06	1.36E-05	7.87E-06	1.50E-07	3.63E-06	1.47E-07	3.93E-06
4699	493363.09, 3860377.25	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.53E-06	1.07E-05	6.17E-06	1.18E-07	2.85E-06	1.15E-07	3.08E-06
4700	493863.09, 3860377.25	5.36E-06	1.62E-05	9.37E-06	1.79E-07	4.32E-06	1.75E-07	4.68E-06	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
4701	494363.09, 3860377.25	4.91E-06	1.48E-05	8.58E-06	1.64E-07	3.96E-06	1.60E-07	4.28E-06	2.82E-06	8.50E-06	4.92E-06	9.40E-08	2.27E-06	9.19E-08	2.46E-06
4702	494863.09, 3860377.25	4.49E-06	1.36E-05	7.85E-06	1.50E-07	3.62E-06	1.47E-07	3.92E-06	2.58E-06	7.79E-06	4.51E-06	8.61E-08	2.08E-06	8.42E-08	2.25E-06
4703	495363.09, 3860377.25	4.22E-06	1.27E-05	7.38E-06	1.41E-07	3.41E-06	1.38E-07	3.68E-06	2.40E-06	7.25E-06	4.20E-06	8.02E-08	1.94E-06	7.84E-08	2.10E-06
4704	495863.09, 3860377.25	4.02E-06	1.22E-05	7.03E-06	1.34E-07	3.25E-06	1.31E-07	3.51E-06	2.25E-06	6.80E-06	3.94E-06	7.52E-08	1.82E-06	7.35E-08	1.97E-06
4705	496363.09, 3860377.25	3.83E-06	1.16E-05	6.69E-06	1.28E-07	3.09E-06	1.25E-07	3.34E-06	2.12E-06	6.40E-06	3.70E-06	7.07E-08	1.71E-06	6.91E-08	1.85E-06
4706	496863.09, 3860377.25	3.63E-06	1.10E-05	6.34E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06	2.00E-06	6.03E-06	3.49E-06	6.67E-08	1.61E-06	6.52E-08	1.74E-06
4707	497363.09, 3860377.25	3.39E-06	1.02E-05	5.92E-06	1.13E-07	2.73E-06	1.11E-07	2.96E-06	1.86E-06	5.60E-06	3.24E-06	6.20E-08	1.50E-06	6.05E-08	1.62E-06
4708	497863.09, 3860377.25	3.33E-06	1.00E-05	5.82E-06	1.11E-07	2.68E-06	1.09E-07	2.90E-06	1.84E-06	5.55E-06	3.21E-06	6.14E-08	1.48E-06	6.00E-08	1.60E-06

4709	498363.09, 3860377.25	3.18E-06	9.59E-06	5.55E-06	1.06E-07	2.56E-06	1.04E-07	2.77E-06	1.78E-06	5.38E-06	3.11E-06	5.95E-08	1.44E-06	5.81E-08	1.55E-06
4710	471363.09, 3860877.25	7.73E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07	4.14E-07	1.25E-06	7.23E-07	1.38E-08	3.34E-07	1.35E-08	3.61E-07
4711	471863.09, 3860877.25	7.93E-07	2.40E-06	1.39E-06	2.65E-08	6.40E-07	2.59E-08	6.92E-07	4.24E-07	1.28E-06	7.42E-07	1.42E-08	3.42E-07	1.38E-08	3.70E-07
4712	472363.09, 3860877.25	8.20E-07	2.48E-06	1.43E-06	2.74E-08	6.61E-07	2.67E-08	7.15E-07	4.38E-07	1.32E-06	7.66E-07	1.46E-08	3.53E-07	1.43E-08	3.82E-07
4713	472863.09, 3860877.25	8.50E-07	2.57E-06	1.49E-06	2.84E-08	6.86E-07	2.77E-08	7.42E-07	4.54E-07	1.37E-06	7.93E-07	1.51E-08	3.66E-07	1.48E-08	3.96E-07
4714	473363.09, 3860877.25	8.81E-07	2.66E-06	1.54E-06	2.94E-08	7.11E-07	2.87E-08	7.69E-07	4.70E-07	1.42E-06	8.21E-07	1.57E-08	3.79E-07	1.53E-08	4.10E-07
4715	473863.09, 3860877.25	9.16E-07	2.77E-06	1.60E-06	3.06E-08	7.39E-07	2.99E-08	7.99E-07	4.87E-07	1.47E-06	8.52E-07	1.63E-08	3.93E-07	1.59E-08	4.25E-07
4716	474363.09, 3860877.25	9.55E-07	2.88E-06	1.67E-06	3.19E-08	7.71E-07	3.12E-08	8.34E-07	5.07E-07	1.53E-06	8.87E-07	1.69E-08	4.09E-07	1.66E-08	4.43E-07
4717	474863.09, 3860877.25	9.95E-07	3.00E-06	1.74E-06	3.32E-08	8.02E-07	3.25E-08	8.68E-07	5.27E-07	1.59E-06	9.21E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
4718	475363.09, 3860877.25	1.04E-06	3.14E-06	1.82E-06	3.48E-08	8.40E-07	3.40E-08	9.08E-07	5.49E-07	1.66E-06	9.60E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
4719	475863.09, 3860877.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.72E-07	3.53E-08	9.43E-07	5.68E-07	1.71E-06	9.92E-07	1.90E-08	4.58E-07	1.85E-08	4.95E-07
4720	476363.09, 3860877.25	1.09E-06	3.31E-06	1.91E-06	3.66E-08	8.83E-07	3.57E-08	9.55E-07	5.72E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07
4721	476863.09, 3860877.25	1.12E-06	3.37E-06	1.95E-06	3.73E-08	9.01E-07	3.64E-08	9.75E-07	5.83E-07	1.76E-06	1.02E-06	1.95E-08	4.70E-07	1.90E-08	5.08E-07
4722	477363.09, 3860877.25	1.16E-06	3.49E-06	2.02E-06	3.86E-08	9.33E-07	3.77E-08	1.01E-06	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.96E-08	5.25E-07
4723	477863.09, 3860877.25	1.15E-06	3.48E-06	2.01E-06	3.85E-08	9.30E-07	3.76E-08	1.01E-06	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.22E-07
4724	478363.09, 3860877.25	9.67E-07	2.92E-06	1.69E-06	3.23E-08	7.80E-07	3.15E-08	8.44E-07	5.03E-07	1.52E-06	8.80E-07	1.68E-08	4.06E-07	1.64E-08	4.39E-07
4725	478863.09, 3860877.25	1.29E-06	3.89E-06	2.25E-06	4.30E-08	1.04E-06	4.20E-08	1.12E-06	6.68E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07
4726	479363.09, 3860877.25	1.40E-06	4.22E-06	2.44E-06	4.66E-08	1.13E-06	4.56E-08	1.22E-06	7.29E-07	2.20E-06	1.27E-06	2.44E-08	5.88E-07	2.38E-08	6.36E-07
4727	479863.09, 3860877.25	1.42E-06	4.29E-06	2.48E-06	4.74E-08	1.14E-06	4.63E-08	1.24E-06	7.46E-07	2.25E-06	1.30E-06	2.49E-08	6.02E-07	2.43E-08	6.51E-07
4728	480363.09, 3860877.25	1.43E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06	7.58E-07	2.29E-06	1.32E-06	2.53E-08	6.11E-07	2.47E-08	6.61E-07
4729	480863.09, 3860877.25	1.47E-06	4.42E-06	2.56E-06	4.89E-08	1.18E-06	4.78E-08	1.28E-06	7.75E-07	2.34E-06	1.36E-06	2.59E-08	6.25E-07	2.53E-08	6.77E-07
4730	481363.09, 3860877.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.21E-06	4.91E-08	1.31E-06	7.98E-07	2.41E-06	1.39E-06	2.66E-08	6.44E-07	2.60E-08	6.96E-07
4731	481863.09, 3860877.25	1.57E-06	4.73E-06	2.74E-06	5.23E-08	1.26E-06	5.11E-08	1.37E-06	8.30E-07	2.51E-06	1.45E-06	2.77E-08	6.70E-07	2.71E-08	7.25E-07
4732	482363.09, 3860877.25	1.62E-06	4.90E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06	8.61E-07	2.60E-06	1.50E-06	2.87E-08	6.94E-07	2.81E-08	7.51E-07
4733	482863.09, 3860877.25	1.68E-06	5.07E-06	2.94E-06	5.61E-08	1.36E-06	5.48E-08	1.47E-06	8.92E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07
4734	483363.09, 3860877.25	1.74E-06	5.27E-06	3.05E-06	5.83E-08	1.41E-06	5.69E-08	1.52E-06	9.27E-07	2.80E-06	1.62E-06	3.09E-08	7.47E-07	3.02E-08	8.09E-07
4735	483863.09, 3860877.25	1.81E-06	5.46E-06	3.16E-06	6.04E-08	1.46E-06	5.90E-08	1.58E-06	9.61E-07	2.90E-06	1.68E-06	3.21E-08	7.76E-07	3.14E-08	8.39E-07
4736	484363.09, 3860877.25	1.86E-06	5.61E-06	3.25E-06	6.21E-08	1.50E-06	6.06E-08	1.62E-06	9.90E-07	2.99E-06	1.73E-06	3.31E-08	7.99E-07	3.23E-08	8.64E-07
4737	484863.09, 3860877.25	1.93E-06	5.83E-06	3.38E-06	6.45E-08	1.56E-06	6.30E-08	1.69E-06	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.30E-07	3.36E-08	8.98E-07
4738	485363.09, 3860877.25	2.08E-06	6.27E-06	3.63E-06	6.93E-08	1.67E-06	6.78E-08	1.81E-06	1.10E-06	3.33E-06	1.93E-06	3.69E-08	8.91E-07	3.60E-08	9.64E-07
4739	485863.09, 3860877.25	2.30E-06	6.96E-06	4.03E-06	7.69E-08	1.86E-06	7.52E-08	2.01E-06	1.22E-06	3.69E-06	2.13E-06	4.08E-08	9.85E-07	3.98E-08	1.07E-06
4740	486363.09, 3860877.25	2.59E-06	7.83E-06	4.53E-06	8.66E-08	2.09E-06	8.46E-08	2.26E-06	1.37E-06	4.13E-06	2.39E-06	4.57E-08	1.10E-06	4.47E-08	1.19E-06
4741	486863.09, 3860877.25	3.01E-06	9.08E-06	5.25E-06	1.00E-07	2.42E-06	9.81E-08	2.62E-06	1.58E-06	4.77E-06	2.76E-06	5.27E-08	1.27E-06	5.15E-08	1.38E-06
4742	487363.09, 3860877.25	3.63E-06	1.10E-05	6.35E-06	1.21E-07	2.93E-06	1.18E-07	3.17E-06	1.89E-06	5.71E-06	3.31E-06	6.32E-08	1.53E-06	6.17E-08	1.65E-06
4743	487863.09, 3860877.25	4.43E-06	1.34E-05	7.74E-06	1.48E-07	3.57E-06	1.44E-07	3.86E-06	2.29E-06	6.91E-06	4.00E-06	7.65E-08	1.85E-06	7.47E-08	2.00E-06
4744	488363.09, 3860877.25	5.64E-06	1.70E-05	9.86E-06	1.88E-07	4.55E-06	1.84E-07	4.92E-06	2.89E-06	8.74E-06	5.06E-06	9.66E-08	2.33E-06	9.44E-08	2.52E-06
4745	488863.09, 3860877.25	5.98E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.07E-06	9.28E-06	5.37E-06	1.03E-07	2.48E-06	1.00E-07	2.68E-06
4746	489363.09, 3860877.25	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06	3.22E-06	9.71E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.81E-06
4747	489863.09, 3860877.25	5.61E-06	1.70E-05	9.81E-06	1.87E-07	4.53E-06	1.83E-07	4.90E-06	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.59E-08	2.57E-06
4748	490363.09, 3860877.25	5.11E-06	1.54E-05	8.94E-06	1.71E-07	4.12E-06	1.67E-07	4.46E-06	2.74E-06	8.27E-06	4.79E-06	9.15E-08	2.21E-06	8.94E-08	2.39E-06
4749	490863.09, 3860877.25	4.83E-06	1.46E-05	8.45E-06	1.61E-07	3.90E-06	1.58E-07	4.22E-06	2.67E-06	8.07E-06	4.67E-06	8.93E-08	2.16E-06	8.73E-08	2.33E-06
4750	491363.09, 3860877.25	4.74E-06	1.43E-05	8.28E-06	1.58E-07	3.82E-06	1.55E-07	4.13E-06	2.77E-06	8.36E-06	4.84E-06	9.24E-08	2.23E-06	9.03E-08	2.42E-06
4751	491863.09, 3860877.25	5.61E-06	1.69E-05	9.80E-06	1.87E-07	4.52E-06	1.83E-07	4.89E-06	3.74E-06	1.13E-05	6.53E-06	1.25E-07	3.01E-06	1.22E-07	3.26E-06
4752	492363.09, 3860877.25	1.39E-05	4.20E-05	2.43E-05	4.64E-07	1.12E-05	4.54E-07	1.21E-05	1.22E-05	3.67E-05	2.13E-05	4.06E-07	9.81E-06	3.97E-07	1.06E-05
4753	492863.09, 3860877.25	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06	4.66E-06	1.41E-05	8.15E-06	1.56E-07	3.76E-06	1.52E-07	4.07E-06
4754	493363.09, 3860877.25	5.10E-06	1.54E-05	8.91E-06	1.70E-07	4.11E-06	1.66E-07	4.45E-06	3.48E-06	1.05E-05	6.08E-06	1.16E-07	2.81E-06	1.14E-07	3.04E-06
4755	493863.09, 3860877.25	4.53E-06	1.37E-05	7.92E-06	1.51E-07	3.65E-06	1.48E-07	3.95E-06	2.99E-06	9.02E-06	5.22E-06	9.97E-08	2.41E-06	9.75E-08	2.61E-06
4756	494363.09, 3860877.25	4.16E-06	1.26E-05	7.27E-06	1.39E-07	3.35E-06	1.36E-07	3.63E-06	2.68E-06	8.10E-06	4.69E-06	8.96E-08	2.16E-06	8.75E-08	2.34E-06
4757	494863.09, 3860877.25	3.88E-06	1.17E-05	6.77E-06	1.29E-07	3.13E-06	1.26E-07	3.38E-06	2.45E-06	7.40E-06	4.28E-06	8.18E-08	1.98E-06	8.00E-08	2.14E-06
4758	495363.09, 3860877.25	3.65E-06	1.10E-05	6.39E-06	1.22E-07	2.95E-06	1.19E-07	3.19E-06	2.27E-06	6.86E-06	3.97E-06	7.58E-08	1.83E-06	7.41E-08	1.98E-06
4759	495863.09, 3860877.25	3.47E-06	1.05E-05	6.07E-06	1.16E-07	2.80E-06	1.13E-07	3.03E-06	2.14E-06	6.45E-06	3.73E-06	7.13E-08	1.72E-06	6.97E-08	1.86E-06
4760	496363.09, 3860877.25	3.32E-06	1.00E-05	5.81E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06	2.00E-06	6.04E-06	3.49E-06	6.68E-08	1.61E-06	6.52E-08	1.74E-06
4761	496863.09, 3860877.25	3.20E-06	9.65E-06	5.59E-06	1.07E-07	2.58E-06	1.04E-07	2.79E-06	1.87E-06	5.64E-06	3.26E-06	6.24E-08	1.51E-06	6.09E-08	1.63E-06
4762	497363.09, 3860877.25	3.08E-06	9.29E-06	5.38E-06	1.03E-07	2.48E-06	1.00E-07	2.69E-06	1.79E-06	5.41E-06	3.13E-06	5.98E-08	1.44E-06	5.84E-08	1.56E-06
4763	497863.09, 3860877.25	2.96E-06	8.94E-06	5.18E-06	9.89E-08	2.39E-06	9.66E-08	2.58E-06	1.71E-06	5.16E-06	2.99E-06	5.71E-08	1.38E-06	5.58E-08	1.49E-06
4764	498363.09, 3860877.25	2.85E-06	8.62E-06	4.99E-06	9.53E-08	2.30E-06	9.31E-08	2.49E-06	1.66E-06	5.01E-06	2.90E-06	5.54E-08	1.34E-06	5.42E-08	1.45E-06
4765	471363.09, 3861377.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.07E-07	2.45E-08	6.57E-07	4.03E-07	1.22E-06	7.04E-07	1.35E-08	3.25E-07	1.31E-08	3.52E-07
4766	471863.09, 3861377.25	7.78E-07	2.35E-06	1.36E-06	2.60E-08	6.27E-07	2.54E-08	6.79E-07	4.16E-07	1.26E-06	7.27E-07	1.39E-08	3.36E-07	1.36E-08	3.63E-07
4767	472363.09, 3861377.25	8.03E-07	2.42E-06	1.40E-06	2.68E-08	6.48E-07	2.62E-08	7.01E-07	4.29E-07	1.30E-06	7.50E-07	1.43E-08	3.46E-07	1.40E-08	3.74E-07
4768	472863.09, 3861377.25	8.29E-07	2.50E-06	1.45E-06	2.77E-08	6.69E-07	2.71E-08	7.24E-07	4.43E-07	1.34E-06	7.74E-07	1.48E-08	3.57E-07	1.44E-08	3.86E-07
4769	473363.09, 3861377.25	8.59E-07	2.59E-06	1.50E-06	2.87E-08	6.93E-07	2.80E-08	7.50E-07	4.58E-07	1.38E-06	8.01E-07	1.53E-08	3.69E-07	1.49E-08	4.00E-07
4770	473863.09, 3861377.25	8.93E-07	2.70E-06	1.56E-06	2.98E-08	7.20E-07	2.91E-08	7.79E-07	4.75E-07	1.44E-06	8.31E-07	1.59E-08	3.83E-07	1.55E-08	4.15E-07

4771	474363.09, 3861377.25	9.19E-07	2.77E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.02E-07	4.88E-07	1.47E-06	8.54E-07	1.63E-08	3.94E-07	1.59E-08	4.26E-07
4772	474863.09, 3861377.25	9.53E-07	2.88E-06	1.67E-06	3.18E-08	7.68E-07	3.11E-08	8.31E-07	5.06E-07	1.53E-06	8.84E-07	1.69E-08	4.08E-07	1.65E-08	4.41E-07
4773	475363.09, 3861377.25	9.84E-07	2.97E-06	1.72E-06	3.28E-08	7.93E-07	3.21E-08	8.58E-07	5.22E-07	1.58E-06	9.12E-07	1.74E-08	4.21E-07	1.70E-08	4.55E-07
4774	475863.09, 3861377.25	1.02E-06	3.09E-06	1.79E-06	3.41E-08	8.25E-07	3.34E-08	8.92E-07	5.41E-07	1.63E-06	9.46E-07	1.81E-08	4.36E-07	1.77E-08	4.72E-07
4775	476363.09, 3861377.25	1.07E-06	3.22E-06	1.86E-06	3.56E-08	8.59E-07	3.48E-08	9.29E-07	5.61E-07	1.70E-06	9.81E-07	1.87E-08	4.53E-07	1.83E-08	4.90E-07
4776	476863.09, 3861377.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.90E-07	3.60E-08	9.63E-07	5.80E-07	1.75E-06	1.01E-06	1.94E-08	4.68E-07	1.89E-08	5.06E-07
4777	477363.09, 3861377.25	1.14E-06	3.44E-06	1.99E-06	3.80E-08	9.18E-07	3.71E-08	9.93E-07	5.97E-07	1.80E-06	1.04E-06	1.99E-08	4.81E-07	1.95E-08	5.21E-07
4778	477863.09, 3861377.25	1.14E-06	3.43E-06	1.98E-06	3.79E-08	9.16E-07	3.71E-08	9.91E-07	5.92E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.93E-08	5.17E-07
4779	478363.09, 3861377.25	1.01E-06	3.04E-06	1.76E-06	3.36E-08	8.11E-07	3.28E-08	8.78E-07	5.23E-07	1.58E-06	9.14E-07	1.75E-08	4.22E-07	1.71E-08	4.56E-07
4780	478863.09, 3861377.25	1.11E-06	3.34E-06	1.93E-06	3.69E-08	8.92E-07	3.61E-08	9.66E-07	5.74E-07	1.73E-06	1.00E-06	1.92E-08	4.63E-07	1.87E-08	5.01E-07
4781	479363.09, 3861377.25	1.28E-06	3.87E-06	2.24E-06	4.28E-08	1.03E-06	4.19E-08	1.12E-06	6.70E-07	2.02E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.85E-07
4782	479863.09, 3861377.25	1.30E-06	3.91E-06	2.27E-06	4.33E-08	1.05E-06	4.23E-08	1.13E-06	6.83E-07	2.06E-06	1.19E-06	2.28E-08	5.51E-07	2.23E-08	5.96E-07
4783	480363.09, 3861377.25	1.30E-06	3.94E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	6.91E-07	2.09E-06	1.21E-06	2.31E-08	5.57E-07	2.25E-08	6.03E-07
4784	480863.09, 3861377.25	1.33E-06	4.01E-06	2.32E-06	4.44E-08	1.07E-06	4.34E-08	1.16E-06	7.06E-07	2.13E-06	1.23E-06	2.36E-08	5.70E-07	2.30E-08	6.16E-07
4785	481363.09, 3861377.25	1.35E-06	4.09E-06	2.37E-06	4.52E-08	1.09E-06	4.42E-08	1.18E-06	7.21E-07	2.18E-06	1.26E-06	2.41E-08	5.82E-07	2.35E-08	6.29E-07
4786	481863.09, 3861377.25	1.40E-06	4.23E-06	2.45E-06	4.67E-08	1.13E-06	4.57E-08	1.22E-06	7.46E-07	2.25E-06	1.30E-06	2.49E-08	6.02E-07	2.43E-08	6.51E-07
4787	482363.09, 3861377.25	1.45E-06	4.37E-06	2.53E-06	4.84E-08	1.17E-06	4.73E-08	1.26E-06	7.72E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07
4788	482863.09, 3861377.25	1.49E-06	4.49E-06	2.60E-06	4.96E-08	1.20E-06	4.85E-08	1.30E-06	7.92E-07	2.39E-06	1.38E-06	2.64E-08	6.39E-07	2.58E-08	6.91E-07
4789	483363.09, 3861377.25	1.53E-06	4.61E-06	2.67E-06	5.10E-08	1.23E-06	4.99E-08	1.33E-06	8.15E-07	2.46E-06	1.42E-06	2.72E-08	6.58E-07	2.66E-08	7.11E-07
4790	483863.09, 3861377.25	1.56E-06	4.71E-06	2.73E-06	5.21E-08	1.26E-06	5.09E-08	1.36E-06	8.34E-07	2.52E-06	1.46E-06	2.78E-08	6.72E-07	2.72E-08	7.27E-07
4791	484363.09, 3861377.25	1.61E-06	4.86E-06	2.81E-06	5.37E-08	1.30E-06	5.25E-08	1.40E-06	8.61E-07	2.60E-06	1.50E-06	2.87E-08	6.94E-07	2.81E-08	7.51E-07
4792	484863.09, 3861377.25	1.62E-06	4.90E-06	2.84E-06	5.42E-08	1.31E-06	5.30E-08	1.42E-06	8.71E-07	2.63E-06	1.52E-06	2.91E-08	7.02E-07	2.84E-08	7.60E-07
4793	485363.09, 3861377.25	1.65E-06	5.00E-06	2.89E-06	5.52E-08	1.33E-06	5.40E-08	1.44E-06	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.75E-07
4794	485863.09, 3861377.25	1.73E-06	5.23E-06	3.03E-06	5.78E-08	1.40E-06	5.65E-08	1.51E-06	9.30E-07	2.81E-06	1.63E-06	3.11E-08	7.50E-07	3.03E-08	8.11E-07
4795	486363.09, 3861377.25	1.85E-06	5.58E-06	3.23E-06	6.17E-08	1.49E-06	6.03E-08	1.61E-06	9.92E-07	3.00E-06	1.73E-06	3.31E-08	8.00E-07	3.24E-08	8.66E-07
4796	486863.09, 3861377.25	1.99E-06	6.02E-06	3.48E-06	6.66E-08	1.61E-06	6.51E-08	1.74E-06	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.63E-07	3.49E-08	9.34E-07
4797	487363.09, 3861377.25	2.08E-06	6.27E-06	3.63E-06	6.94E-08	1.68E-06	6.78E-08	1.81E-06	1.12E-06	3.38E-06	1.95E-06	3.73E-08	9.02E-07	3.65E-08	9.75E-07
4798	487863.09, 3861377.25	2.05E-06	6.18E-06	3.58E-06	6.84E-08	1.65E-06	6.68E-08	1.79E-06	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.96E-07	3.62E-08	9.69E-07
4799	488363.09, 3861377.25	2.18E-06	6.59E-06	3.81E-06	7.28E-08	1.76E-06	7.12E-08	1.90E-06	1.18E-06	3.58E-06	2.07E-06	3.96E-08	9.56E-07	3.87E-08	1.03E-06
4800	488863.09, 3861377.25	2.41E-06	7.29E-06	4.22E-06	8.06E-08	1.95E-06	7.87E-08	2.11E-06	1.31E-06	3.95E-06	2.29E-06	4.37E-08	1.06E-06	4.27E-08	1.14E-06
4801	489363.09, 3861377.25	2.80E-06	8.46E-06	4.90E-06	9.36E-08	2.26E-06	9.15E-08	2.45E-06	1.51E-06	4.56E-06	2.64E-06	5.04E-08	1.22E-06	4.92E-08	1.32E-06
4802	489863.09, 3861377.25	2.76E-06	8.34E-06	4.83E-06	9.23E-08	2.23E-06	9.02E-08	2.41E-06	1.50E-06	4.54E-06	2.63E-06	5.02E-08	1.21E-06	4.91E-08	1.31E-06
4803	490363.09, 3861377.25	2.74E-06	8.26E-06	4.78E-06	9.13E-08	2.21E-06	8.92E-08	2.39E-06	1.51E-06	4.57E-06	2.65E-06	5.05E-08	1.22E-06	4.94E-08	1.32E-06
4804	490863.09, 3861377.25	2.75E-06	8.31E-06	4.81E-06	9.19E-08	2.22E-06	8.98E-08	2.40E-06	1.55E-06	4.69E-06	2.72E-06	5.19E-08	1.25E-06	5.07E-08	1.36E-06
4805	491363.09, 3861377.25	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06	1.64E-06	4.95E-06	2.87E-06	5.47E-08	1.32E-06	5.35E-08	1.43E-06
4806	491863.09, 3861377.25	3.01E-06	9.09E-06	5.26E-06	1.01E-07	2.43E-06	9.83E-08	2.63E-06	1.83E-06	5.54E-06	3.21E-06	6.13E-08	1.48E-06	5.99E-08	1.60E-06
4807	492363.09, 3861377.25	3.54E-06	1.07E-05	6.19E-06	1.18E-07	2.86E-06	1.16E-07	3.09E-06	2.37E-06	7.16E-06	4.15E-06	7.92E-08	1.91E-06	7.74E-08	2.07E-06
4808	492863.09, 3861377.25	6.61E-06	2.00E-05	1.16E-05	2.21E-07	5.33E-06	2.16E-07	5.77E-06	5.47E-06	1.65E-05	9.57E-06	1.83E-07	4.41E-06	1.79E-07	4.78E-06
4809	493363.09, 3861377.25	2.19E-05	6.60E-05	3.82E-05	7.30E-07	1.76E-05	7.14E-07	1.91E-05	2.08E-05	6.27E-05	3.63E-05	6.93E-07	1.67E-05	6.77E-07	1.81E-05
4810	493863.09, 3861377.25	7.98E-06	2.41E-05	1.39E-05	2.66E-07	6.43E-06	2.60E-07	6.96E-06	6.90E-06	2.08E-05	1.21E-05	2.30E-07	5.56E-06	2.25E-07	6.02E-06
4811	494363.09, 3861377.25	5.46E-06	1.65E-05	9.54E-06	1.82E-07	4.40E-06	1.78E-07	4.76E-06	4.40E-06	1.33E-05	7.69E-06	1.47E-07	3.55E-06	1.44E-07	3.84E-06
4812	494863.09, 3861377.25	4.41E-06	1.33E-05	7.71E-06	1.47E-07	3.56E-06	1.44E-07	3.85E-06	3.37E-06	1.02E-05	5.89E-06	1.13E-07	2.72E-06	1.10E-07	2.94E-06
4813	495363.09, 3861377.25	3.85E-06	1.16E-05	6.73E-06	1.29E-07	3.11E-06	1.26E-07	3.36E-06	2.83E-06	8.55E-06	4.95E-06	9.45E-08	2.28E-06	9.24E-08	2.47E-06
4814	495863.09, 3861377.25	3.50E-06	1.06E-05	6.12E-06	1.17E-07	2.82E-06	1.14E-07	3.05E-06	2.50E-06	7.55E-06	4.37E-06	8.35E-08	2.02E-06	8.16E-08	2.18E-06
4815	496363.09, 3861377.25	3.22E-06	9.73E-06	5.64E-06	1.08E-07	2.60E-06	1.05E-07	2.81E-06	2.23E-06	6.73E-06	3.90E-06	7.45E-08	1.80E-06	7.28E-08	1.95E-06
4816	496863.09, 3861377.25	2.97E-06	8.98E-06	5.20E-06	9.93E-08	2.40E-06	9.70E-08	2.59E-06	1.97E-06	5.93E-06	3.43E-06	6.56E-08	1.59E-06	6.41E-08	1.71E-06
4817	497363.09, 3861377.25	2.84E-06	8.56E-06	4.96E-06	9.47E-08	2.29E-06	9.25E-08	2.47E-06	1.83E-06	5.54E-06	3.21E-06	6.13E-08	1.48E-06	5.99E-08	1.60E-06
4818	497863.09, 3861377.25	2.72E-06	8.21E-06	4.75E-06	9.08E-08	2.19E-06	8.87E-08	2.37E-06	1.73E-06	5.21E-06	3.02E-06	5.77E-08	1.39E-06	5.64E-08	1.51E-06
4819	498363.09, 3861377.25	2.62E-06	7.90E-06	4.58E-06	8.74E-08	2.11E-06	8.54E-08	2.28E-06	1.64E-06	4.94E-06	2.86E-06	5.46E-08	1.32E-06	5.34E-08	1.43E-06
4820	471363.09, 3861877.25	7.31E-07	2.21E-06	1.28E-06	2.44E-08	5.89E-07	2.38E-08	6.38E-07	3.91E-07	1.18E-06	6.84E-07	1.31E-08	3.16E-07	1.28E-08	3.42E-07
4821	471863.09, 3861877.25	7.56E-07	2.28E-06	1.32E-06	2.52E-08	6.10E-07	2.47E-08	6.60E-07	4.04E-07	1.22E-06	7.07E-07	1.35E-08	3.26E-07	1.32E-08	3.53E-07
4822	472363.09, 3861877.25	7.76E-07	2.34E-06	1.36E-06	2.59E-08	6.26E-07	2.53E-08	6.77E-07	4.15E-07	1.25E-06	7.25E-07	1.39E-08	3.35E-07	1.35E-08	3.62E-07
4823	472863.09, 3861877.25	8.02E-07	2.42E-06	1.40E-06	2.68E-08	6.47E-07	2.62E-08	7.00E-07	4.28E-07	1.29E-06	7.49E-07	1.43E-08	3.46E-07	1.40E-08	3.74E-07
4824	473363.09, 3861877.25	8.27E-07	2.50E-06	1.45E-06	2.76E-08	6.67E-07	2.70E-08	7.22E-07	4.41E-07	1.33E-06	7.71E-07	1.47E-08	3.56E-07	1.44E-08	3.85E-07
4825	473863.09, 3861877.25	8.52E-07	2.57E-06	1.49E-06	2.85E-08	6.87E-07	2.78E-08	7.44E-07	4.54E-07	1.37E-06	7.94E-07	1.52E-08	3.66E-07	1.48E-08	3.96E-07
4826	474363.09, 3861877.25	8.78E-07	2.65E-06	1.53E-06	2.93E-08	7.08E-07	2.86E-08	7.66E-07	4.67E-07	1.41E-06	8.17E-07	1.56E-08	3.77E-07	1.53E-08	4.08E-07
4827	474863.09, 3861877.25	9.08E-07	2.74E-06	1.59E-06	3.03E-08	7.32E-07	2.96E-08	7.92E-07	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.90E-07	1.58E-08	4.21E-07
4828	475363.09, 3861877.25	9.34E-07	2.82E-06	1.63E-06	3.12E-08	7.53E-07	3.05E-08	8.15E-07	4.96E-07	1.50E-06	8.67E-07	1.66E-08	4.00E-07	1.62E-08	4.33E-07
4829	475863.09, 3861877.25	9.56E-07	2.89E-06	1.67E-06	3.19E-08	7.71E-07	3.12E-08	8.34E-07	5.08E-07	1.53E-06	8.88E-07	1.70E-08	4.10E-07	1.66E-08	4.43E-07
4830	476363.09, 3861877.25	9.82E-07	2.97E-06	1.72E-06	3.28E-08	7.92E-07	3.20E-08	8.57E-07	5.21E-07	1.57E-06	9.11E-07	1.74E-08	4.21E-07	1.70E-08	4.55E-07
4831	476863.09, 3861877.25	1.02E-06	3.07E-06	1.78E-06	3.40E-08	8.20E-07	3.32E-08	8.87E-07	5.39E-07	1.63E-06	9.42E-07	1.80E-08	4.35E-07	1.76E-08	4.70E-07
4832	477363.09, 3861877.25	1.05E-06	3.17E-06	1.84E-06	3.51E-08	8.47E-07	3.43E-08	9.16E-07	5.55E-07	1.68E-06	9.70E-07	1.85E-08	4.48E-07	1.81E-08	4.84E-07

4833	477863.09, 3861877.25	1.06E-06	3.19E-06	1.85E-06	3.53E-08	8.53E-07	3.45E-08	9.23E-07	5.53E-07	1.67E-06	9.67E-07	1.85E-08	4.46E-07	1.81E-08	4.83E-07
4834	478363.09, 3861877.25	8.72E-07	2.63E-06	1.52E-06	2.91E-08	7.03E-07	2.84E-08	7.61E-07	4.55E-07	1.37E-06	7.95E-07	1.52E-08	3.67E-07	1.48E-08	3.97E-07
4835	478863.09, 3861877.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.58E-07	3.47E-08	9.29E-07	5.54E-07	1.67E-06	9.68E-07	1.85E-08	4.47E-07	1.81E-08	4.83E-07
4836	479363.09, 3861877.25	1.06E-06	3.19E-06	1.85E-06	3.53E-08	8.53E-07	3.45E-08	9.23E-07	5.50E-07	1.66E-06	9.61E-07	1.84E-08	4.43E-07	1.79E-08	4.80E-07
4837	479863.09, 3861877.25	1.19E-06	3.60E-06	2.08E-06	3.98E-08	9.61E-07	3.89E-08	1.04E-06	6.29E-07	1.90E-06	1.10E-06	2.10E-08	5.08E-07	2.05E-08	5.49E-07
4838	480363.09, 3861877.25	1.18E-06	3.58E-06	2.07E-06	3.95E-08	9.55E-07	3.86E-08	1.03E-06	6.30E-07	1.90E-06	1.10E-06	2.10E-08	5.08E-07	2.06E-08	5.50E-07
4839	480863.09, 3861877.25	1.20E-06	3.63E-06	2.10E-06	4.02E-08	9.71E-07	3.93E-08	1.05E-06	6.42E-07	1.94E-06	1.12E-06	2.14E-08	5.18E-07	2.09E-08	5.60E-07
4840	481363.09, 3861877.25	1.21E-06	3.66E-06	2.12E-06	4.05E-08	9.79E-07	3.96E-08	1.06E-06	6.49E-07	1.96E-06	1.13E-06	2.17E-08	5.23E-07	2.12E-08	5.66E-07
4841	481863.09, 3861877.25	1.24E-06	3.75E-06	2.17E-06	4.15E-08	1.00E-06	4.06E-08	1.08E-06	6.66E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07
4842	482363.09, 3861877.25	1.28E-06	3.85E-06	2.23E-06	4.26E-08	1.03E-06	4.16E-08	1.11E-06	6.84E-07	2.06E-06	1.19E-06	2.28E-08	5.51E-07	2.23E-08	5.96E-07
4843	482863.09, 3861877.25	1.30E-06	3.93E-06	2.27E-06	4.34E-08	1.05E-06	4.25E-08	1.14E-06	6.97E-07	2.11E-06	1.22E-06	2.33E-08	5.62E-07	2.28E-08	6.09E-07
4844	483363.09, 3861877.25	1.32E-06	3.98E-06	2.30E-06	4.40E-08	1.06E-06	4.30E-08	1.15E-06	7.08E-07	2.14E-06	1.24E-06	2.37E-08	5.71E-07	2.31E-08	6.18E-07
4845	483863.09, 3861877.25	1.32E-06	3.99E-06	2.31E-06	4.42E-08	1.07E-06	4.31E-08	1.15E-06	7.12E-07	2.15E-06	1.24E-06	2.38E-08	5.74E-07	2.32E-08	6.22E-07
4846	484363.09, 3861877.25	1.32E-06	3.99E-06	2.31E-06	4.41E-08	1.07E-06	4.31E-08	1.15E-06	7.14E-07	2.16E-06	1.25E-06	2.38E-08	5.76E-07	2.33E-08	6.23E-07
4847	484863.09, 3861877.25	1.35E-06	4.08E-06	2.36E-06	4.52E-08	1.09E-06	4.41E-08	1.18E-06	7.33E-07	2.21E-06	1.28E-06	2.45E-08	5.91E-07	2.39E-08	6.39E-07
4848	485363.09, 3861877.25	1.35E-06	4.08E-06	2.36E-06	4.51E-08	1.09E-06	4.41E-08	1.18E-06	7.34E-07	2.22E-06	1.28E-06	2.45E-08	5.92E-07	2.40E-08	6.41E-07
4849	485863.09, 3861877.25	1.34E-06	4.04E-06	2.34E-06	4.47E-08	1.08E-06	4.37E-08	1.17E-06	7.30E-07	2.21E-06	1.28E-06	2.44E-08	5.89E-07	2.38E-08	6.37E-07
4850	486363.09, 3861877.25	1.38E-06	4.16E-06	2.41E-06	4.60E-08	1.11E-06	4.50E-08	1.20E-06	7.54E-07	2.28E-06	1.32E-06	2.52E-08	6.08E-07	2.46E-08	6.58E-07
4851	486863.09, 3861877.25	1.44E-06	4.34E-06	2.51E-06	4.80E-08	1.16E-06	4.69E-08	1.25E-06	7.88E-07	2.38E-06	1.38E-06	2.63E-08	6.35E-07	2.57E-08	6.87E-07
4852	487363.09, 3861877.25	1.43E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06	7.92E-07	2.39E-06	1.38E-06	2.64E-08	6.39E-07	2.58E-08	6.91E-07
4853	487863.09, 3861877.25	1.41E-06	4.25E-06	2.46E-06	4.70E-08	1.13E-06	4.59E-08	1.23E-06	7.84E-07	2.37E-06	1.37E-06	2.62E-08	6.32E-07	2.56E-08	6.84E-07
4854	488363.09, 3861877.25	1.44E-06	4.35E-06	2.52E-06	4.81E-08	1.16E-06	4.70E-08	1.26E-06	8.08E-07	2.44E-06	1.41E-06	2.70E-08	6.51E-07	2.64E-08	7.05E-07
4855	488863.09, 3861877.25	1.65E-06	5.00E-06	2.89E-06	5.53E-08	1.33E-06	5.40E-08	1.44E-06	9.19E-07	2.78E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.02E-07
4856	489363.09, 3861877.25	1.98E-06	5.96E-06	3.45E-06	6.60E-08	1.59E-06	6.45E-08	1.72E-06	1.08E-06	3.27E-06	1.89E-06	3.62E-08	8.74E-07	3.53E-08	9.45E-07
4857	489863.09, 3861877.25	1.91E-06	5.77E-06	3.34E-06	6.38E-08	1.54E-06	6.23E-08	1.67E-06	1.06E-06	3.21E-06	1.86E-06	3.54E-08	8.56E-07	3.46E-08	9.26E-07
4858	490363.09, 3861877.25	1.87E-06	5.65E-06	3.27E-06	6.24E-08	1.51E-06	6.10E-08	1.63E-06	1.05E-06	3.18E-06	1.84E-06	3.52E-08	8.51E-07	3.44E-08	9.20E-07
4859	490863.09, 3861877.25	1.84E-06	5.57E-06	3.22E-06	6.16E-08	1.49E-06	6.02E-08	1.61E-06	1.06E-06	3.20E-06	1.85E-06	3.54E-08	8.56E-07	3.46E-08	9.26E-07
4860	491363.09, 3861877.25	1.88E-06	5.68E-06	3.29E-06	6.29E-08	1.52E-06	6.14E-08	1.64E-06	1.11E-06	3.34E-06	1.93E-06	3.69E-08	8.92E-07	3.61E-08	9.65E-07
4861	491863.09, 3861877.25	1.97E-06	5.94E-06	3.44E-06	6.57E-08	1.59E-06	6.42E-08	1.72E-06	1.18E-06	3.58E-06	2.07E-06	3.96E-08	9.55E-07	3.86E-08	1.03E-06
4862	492363.09, 3861877.25	2.11E-06	6.36E-06	3.68E-06	7.04E-08	1.70E-06	6.88E-08	1.84E-06	1.31E-06	3.94E-06	2.28E-06	4.36E-08	1.05E-06	4.26E-08	1.14E-06
4863	492863.09, 3861877.25	2.27E-06	6.86E-06	3.97E-06	7.59E-08	1.83E-06	7.41E-08	1.98E-06	1.47E-06	4.43E-06	2.57E-06	4.90E-08	1.18E-06	4.79E-08	1.28E-06
4864	493363.09, 3861877.25	2.52E-06	7.60E-06	4.40E-06	8.41E-08	2.03E-06	8.21E-08	2.20E-06	1.71E-06	5.18E-06	3.00E-06	5.72E-08	1.38E-06	5.59E-08	1.50E-06
4865	493863.09, 3861877.25	2.97E-06	8.97E-06	5.19E-06	9.92E-08	2.40E-06	9.70E-08	2.59E-06	2.17E-06	6.54E-06	3.79E-06	7.24E-08	1.75E-06	7.07E-08	1.89E-06
4866	494363.09, 3861877.25	4.07E-06	1.23E-05	7.11E-06	1.36E-07	3.28E-06	1.33E-07	3.55E-06	3.28E-06	9.89E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.86E-06
4867	494863.09, 3861877.25	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.54E-06	3.86E-07	1.03E-05	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.90E-06	3.60E-07	9.63E-06
4868	495363.09, 3861877.25	1.36E-05	4.10E-05	2.37E-05	4.54E-07	1.10E-05	4.43E-07	1.19E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.18E-07	1.12E-05
4869	495863.09, 3861877.25	6.46E-06	1.95E-05	1.13E-05	2.16E-07	5.21E-06	2.11E-07	5.64E-06	5.69E-06	1.72E-05	9.95E-06	1.90E-07	4.59E-06	1.86E-07	4.97E-06
4870	496363.09, 3861877.25	4.61E-06	1.39E-05	8.05E-06	1.54E-07	3.72E-06	1.50E-07	4.02E-06	3.84E-06	1.16E-05	6.72E-06	1.28E-07	3.10E-06	1.25E-07	3.35E-06
4871	496863.09, 3861877.25	3.21E-06	9.71E-06	5.62E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06	2.39E-06	7.23E-06	4.19E-06	8.00E-08	1.93E-06	7.81E-08	2.09E-06
4872	497363.09, 3861877.25	3.21E-06	9.69E-06	5.61E-06	1.07E-07	2.59E-06	1.05E-07	2.80E-06	2.43E-06	7.35E-06	4.25E-06	8.13E-08	1.96E-06	7.94E-08	2.12E-06
4873	497863.09, 3861877.25	3.00E-06	9.06E-06	5.25E-06	1.00E-07	2.42E-06	9.79E-08	2.62E-06	2.24E-06	6.76E-06	3.91E-06	7.48E-08	1.81E-06	7.31E-08	1.95E-06
4874	498363.09, 3861877.25	2.80E-06	8.46E-06	4.89E-06	9.35E-08	2.26E-06	9.14E-08	2.44E-06	2.04E-06	6.16E-06	3.57E-06	6.81E-08	1.65E-06	6.66E-08	1.78E-06
4875	471363.09, 3862377.25	7.09E-07	2.14E-06	1.24E-06	2.37E-08	5.72E-07	2.31E-08	6.19E-07	3.80E-07	1.15E-06	6.64E-07	1.27E-08	3.07E-07	1.24E-08	3.32E-07
4876	471863.09, 3862377.25	7.28E-07	2.20E-06	1.27E-06	2.43E-08	5.88E-07	2.38E-08	6.36E-07	3.90E-07	1.18E-06	6.82E-07	1.30E-08	3.15E-07	1.27E-08	3.40E-07
4877	472363.09, 3862377.25	7.45E-07	2.25E-06	1.30E-06	2.49E-08	6.01E-07	2.43E-08	6.50E-07	3.99E-07	1.20E-06	6.97E-07	1.33E-08	3.22E-07	1.30E-08	3.48E-07
4878	472863.09, 3862377.25	7.66E-07	2.31E-06	1.34E-06	2.56E-08	6.18E-07	2.50E-08	6.68E-07	4.10E-07	1.24E-06	7.16E-07	1.37E-08	3.31E-07	1.34E-08	3.58E-07
4879	473363.09, 3862377.25	7.91E-07	2.39E-06	1.38E-06	2.64E-08	6.38E-07	2.58E-08	6.90E-07	4.23E-07	1.28E-06	7.39E-07	1.41E-08	3.41E-07	1.38E-08	3.69E-07
4880	473863.09, 3862377.25	8.12E-07	2.45E-06	1.42E-06	2.71E-08	6.55E-07	2.65E-08	7.08E-07	4.33E-07	1.31E-06	7.57E-07	1.45E-08	3.49E-07	1.41E-08	3.78E-07
4881	474363.09, 3862377.25	8.33E-07	2.51E-06	1.46E-06	2.78E-08	6.72E-07	2.72E-08	7.27E-07	4.44E-07	1.34E-06	7.76E-07	1.48E-08	3.58E-07	1.45E-08	3.88E-07
4882	474863.09, 3862377.25	8.59E-07	2.59E-06	1.50E-06	2.87E-08	6.93E-07	2.80E-08	7.49E-07	4.57E-07	1.38E-06	8.00E-07	1.53E-08	3.69E-07	1.49E-08	3.99E-07
4883	475363.09, 3862377.25	8.76E-07	2.64E-06	1.53E-06	2.92E-08	7.06E-07	2.86E-08	7.64E-07	4.67E-07	1.41E-06	8.16E-07	1.56E-08	3.77E-07	1.52E-08	4.07E-07
4884	475863.09, 3862377.25	8.93E-07	2.69E-06	1.56E-06	2.98E-08	7.20E-07	2.91E-08	7.79E-07	4.76E-07	1.44E-06	8.32E-07	1.59E-08	3.84E-07	1.55E-08	4.15E-07
4885	476363.09, 3862377.25	9.13E-07	2.76E-06	1.60E-06	3.05E-08	7.37E-07	2.98E-08	7.97E-07	4.87E-07	1.47E-06	8.51E-07	1.63E-08	3.93E-07	1.59E-08	4.25E-07
4886	476863.09, 3862377.25	9.34E-07	2.82E-06	1.63E-06	3.12E-08	7.53E-07	3.05E-08	8.15E-07	4.98E-07	1.50E-06	8.70E-07	1.66E-08	4.01E-07	1.62E-08	4.34E-07
4887	477363.09, 3862377.25	9.67E-07	2.92E-06	1.69E-06	3.23E-08	7.80E-07	3.16E-08	8.44E-07	5.14E-07	1.55E-06	8.99E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07
4888	477863.09, 3862377.25	1.01E-06	3.04E-06	1.76E-06	3.36E-08	8.11E-07	3.28E-08	8.78E-07	5.29E-07	1.60E-06	9.25E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
4889	478363.09, 3862377.25	9.93E-07	3.00E-06	1.74E-06	3.32E-08	8.01E-07	3.24E-08	8.66E-07	5.19E-07	1.57E-06	9.08E-07	1.73E-08	4.19E-07	1.69E-08	4.53E-07
4890	478863.09, 3862377.25	1.02E-06	3.08E-06	1.78E-06	3.40E-08	8.22E-07	3.33E-08	8.90E-07	5.33E-07	1.61E-06	9.32E-07	1.78E-08	4.30E-07	1.74E-08	4.65E-07
4891	479363.09, 3862377.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.56E-07	3.46E-08	9.26E-07	5.57E-07	1.68E-06	9.73E-07	1.86E-08	4.49E-07	1.82E-08	4.86E-07
4892	479863.09, 3862377.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.72E-07	3.53E-08	9.43E-07	5.74E-07	1.73E-06	1.00E-06	1.92E-08	4.63E-07	1.87E-08	5.01E-07
4893	480363.09, 3862377.25	1.06E-06	3.21E-06	1.86E-06	3.55E-08	8.59E-07	3.47E-08	9.29E-07	5.70E-07	1.72E-06	9.96E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07
4894	480863.09, 3862377.25	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.62E-07	3.49E-08	9.32E-07	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07

4895	481363.09, 3862377.25	1.07E-06	3.24E-06	1.87E-06	3.58E-08	8.65E-07	3.50E-08	9.36E-07	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.65E-07	1.88E-08	5.03E-07
4896	481863.09, 3862377.25	1.09E-06	3.28E-06	1.90E-06	3.63E-08	8.76E-07	3.55E-08	9.48E-07	5.86E-07	1.77E-06	1.02E-06	1.96E-08	4.73E-07	1.91E-08	5.12E-07
4897	482363.09, 3862377.25	1.11E-06	3.35E-06	1.94E-06	3.70E-08	8.94E-07	3.62E-08	9.67E-07	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.22E-07
4898	482863.09, 3862377.25	1.12E-06	3.39E-06	1.96E-06	3.75E-08	9.06E-07	3.67E-08	9.81E-07	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07
4899	483363.09, 3862377.25	1.14E-06	3.43E-06	1.99E-06	3.79E-08	9.16E-07	3.71E-08	9.91E-07	6.15E-07	1.86E-06	1.08E-06	2.05E-08	4.96E-07	2.01E-08	5.37E-07
4900	483863.09, 3862377.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.09E-07	3.68E-08	9.83E-07	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.94E-07	2.00E-08	5.34E-07
4901	484363.09, 3862377.25	1.13E-06	3.42E-06	1.98E-06	3.79E-08	9.14E-07	3.70E-08	9.89E-07	6.18E-07	1.87E-06	1.08E-06	2.06E-08	4.98E-07	2.02E-08	5.39E-07
4902	484863.09, 3862377.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.08E-07	3.67E-08	9.83E-07	6.17E-07	1.86E-06	1.08E-06	2.06E-08	4.98E-07	2.01E-08	5.38E-07
4903	485363.09, 3862377.25	1.10E-06	3.33E-06	1.93E-06	3.69E-08	8.91E-07	3.60E-08	9.63E-07	6.08E-07	1.84E-06	1.06E-06	2.03E-08	4.91E-07	1.99E-08	5.31E-07
4904	485863.09, 3862377.25	1.08E-06	3.25E-06	1.88E-06	3.60E-08	8.69E-07	3.52E-08	9.40E-07	5.98E-07	1.80E-06	1.04E-06	2.00E-08	4.82E-07	1.95E-08	5.21E-07
4905	486363.09, 3862377.25	1.08E-06	3.25E-06	1.88E-06	3.60E-08	8.69E-07	3.51E-08	9.40E-07	6.00E-07	1.81E-06	1.05E-06	2.00E-08	4.84E-07	1.96E-08	5.24E-07
4906	486863.09, 3862377.25	1.08E-06	3.27E-06	1.89E-06	3.61E-08	8.73E-07	3.53E-08	9.45E-07	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07
4907	487363.09, 3862377.25	1.08E-06	3.27E-06	1.89E-06	3.61E-08	8.73E-07	3.53E-08	9.44E-07	6.12E-07	1.85E-06	1.07E-06	2.04E-08	4.93E-07	2.00E-08	5.34E-07
4908	487863.09, 3862377.25	1.09E-06	3.29E-06	1.91E-06	3.64E-08	8.80E-07	3.56E-08	9.52E-07	6.21E-07	1.87E-06	1.09E-06	2.07E-08	5.01E-07	2.03E-08	5.42E-07
4909	488363.09, 3862377.25	1.10E-06	3.33E-06	1.93E-06	3.68E-08	8.90E-07	3.60E-08	9.63E-07	6.32E-07	1.91E-06	1.10E-06	2.11E-08	5.10E-07	2.06E-08	5.51E-07
4910	488863.09, 3862377.25	1.25E-06	3.77E-06	2.18E-06	4.17E-08	1.01E-06	4.07E-08	1.09E-06	7.08E-07	2.14E-06	1.24E-06	2.37E-08	5.71E-07	2.31E-08	6.18E-07
4911	489363.09, 3862377.25	1.58E-06	4.77E-06	2.76E-06	5.28E-08	1.27E-06	5.16E-08	1.38E-06	8.77E-07	2.65E-06	1.53E-06	2.93E-08	7.07E-07	2.86E-08	7.65E-07
4912	489863.09, 3862377.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.22E-06	4.92E-08	1.31E-06	8.48E-07	2.56E-06	1.48E-06	2.83E-08	6.84E-07	2.77E-08	7.40E-07
4913	490363.09, 3862377.25	1.51E-06	4.55E-06	2.63E-06	5.03E-08	1.21E-06	4.91E-08	1.31E-06	8.55E-07	2.58E-06	1.50E-06	2.86E-08	6.90E-07	2.79E-08	7.46E-07
4914	490863.09, 3862377.25	1.45E-06	4.37E-06	2.53E-06	4.83E-08	1.17E-06	4.72E-08	1.26E-06	8.37E-07	2.53E-06	1.46E-06	2.79E-08	6.75E-07	2.73E-08	7.30E-07
4915	491363.09, 3862377.25	1.43E-06	4.32E-06	2.50E-06	4.78E-08	1.15E-06	4.67E-08	1.25E-06	8.43E-07	2.55E-06	1.47E-06	2.82E-08	6.80E-07	2.75E-08	7.36E-07
4916	491863.09, 3862377.25	1.45E-06	4.38E-06	2.54E-06	4.85E-08	1.17E-06	4.74E-08	1.27E-06	8.70E-07	2.63E-06	1.52E-06	2.90E-08	7.02E-07	2.84E-08	7.59E-07
4917	492363.09, 3862377.25	1.51E-06	4.56E-06	2.64E-06	5.05E-08	1.22E-06	4.93E-08	1.32E-06	9.19E-07	2.77E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.02E-07
4918	492863.09, 3862377.25	1.58E-06	4.78E-06	2.77E-06	5.29E-08	1.28E-06	5.17E-08	1.38E-06	9.81E-07	2.96E-06	1.71E-06	3.28E-08	7.91E-07	3.20E-08	8.56E-07
4919	493363.09, 3862377.25	1.65E-06	4.99E-06	2.89E-06	5.51E-08	1.33E-06	5.39E-08	1.44E-06	1.05E-06	3.16E-06	1.83E-06	3.50E-08	8.45E-07	3.42E-08	9.14E-07
4920	493863.09, 3862377.25	1.74E-06	5.26E-06	3.04E-06	5.81E-08	1.40E-06	5.68E-08	1.52E-06	1.13E-06	3.42E-06	1.98E-06	3.78E-08	9.14E-07	3.70E-08	9.89E-07
4921	494363.09, 3862377.25	1.88E-06	5.67E-06	3.28E-06	6.27E-08	1.51E-06	6.13E-08	1.64E-06	1.26E-06	3.81E-06	2.20E-06	4.21E-08	1.02E-06	4.11E-08	1.10E-06
4922	494863.09, 3862377.25	2.06E-06	6.21E-06	3.59E-06	6.87E-08	1.66E-06	6.71E-08	1.79E-06	1.43E-06	4.33E-06	2.51E-06	4.79E-08	1.16E-06	4.68E-08	1.25E-06
4923	495363.09, 3862377.25	2.29E-06	6.92E-06	4.00E-06	7.65E-08	1.85E-06	7.47E-08	2.00E-06	1.68E-06	5.07E-06	2.93E-06	5.61E-08	1.35E-06	5.48E-08	1.46E-06
4924	495863.09, 3862377.25	2.81E-06	8.49E-06	4.92E-06	9.39E-08	2.27E-06	9.18E-08	2.45E-06	2.21E-06	6.68E-06	3.86E-06	7.38E-08	1.78E-06	7.21E-08	1.93E-06
4925	496363.09, 3862377.25	4.42E-06	1.33E-05	7.72E-06	1.48E-07	3.56E-06	1.44E-07	3.86E-06	3.82E-06	1.15E-05	6.68E-06	1.28E-07	3.08E-06	1.25E-07	3.33E-06
4926	496863.09, 3862377.25	2.97E-05	8.95E-05	5.18E-05	9.90E-07	2.39E-05	9.68E-07	2.59E-05	2.90E-05	8.77E-05	5.08E-05	9.70E-07	2.34E-05	9.48E-07	2.53E-05
4927	497363.09, 3862377.25	1.81E-05	5.45E-05	3.16E-05	6.03E-07	1.46E-05	5.89E-07	1.58E-05	1.75E-05	5.27E-05	3.05E-05	5.83E-07	1.41E-05	5.70E-07	1.52E-05
4928	497863.09, 3862377.25	4.56E-05	1.38E-04	7.96E-05	1.52E-06	3.68E-05	1.49E-06	3.98E-05	4.50E-05	1.36E-04	7.86E-05	1.50E-06	3.63E-05	1.47E-06	3.92E-05
4929	498363.09, 3862377.25	7.00E-06	2.11E-05	1.22E-05	2.34E-07	5.64E-06	2.28E-07	6.11E-06	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.59E-06
4930	471363.09, 3862877.25	6.82E-07	2.06E-06	1.19E-06	2.28E-08	5.50E-07	2.23E-08	5.95E-07	3.66E-07	1.11E-06	6.40E-07	1.22E-08	2.95E-07	1.19E-08	3.19E-07
4931	471863.09, 3862877.25	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07	3.75E-07	1.13E-06	6.55E-07	1.25E-08	3.02E-07	1.22E-08	3.27E-07
4932	472363.09, 3862877.25	7.14E-07	2.16E-06	1.25E-06	2.39E-08	5.76E-07	2.33E-08	6.23E-07	3.83E-07	1.16E-06	6.70E-07	1.28E-08	3.09E-07	1.25E-08	3.34E-07
4933	472863.09, 3862877.25	7.35E-07	2.22E-06	1.29E-06	2.46E-08	5.93E-07	2.40E-08	6.42E-07	3.94E-07	1.19E-06	6.89E-07	1.32E-08	3.18E-07	1.29E-08	3.44E-07
4934	473363.09, 3862877.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.06E-07	2.45E-08	6.56E-07	4.03E-07	1.22E-06	7.04E-07	1.34E-08	3.25E-07	1.31E-08	3.51E-07
4935	473863.09, 3862877.25	7.72E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07	4.13E-07	1.25E-06	7.22E-07	1.38E-08	3.33E-07	1.35E-08	3.60E-07
4936	474363.09, 3862877.25	7.88E-07	2.38E-06	1.38E-06	2.63E-08	6.36E-07	2.57E-08	6.88E-07	4.22E-07	1.27E-06	7.37E-07	1.41E-08	3.40E-07	1.38E-08	3.68E-07
4937	474863.09, 3862877.25	8.04E-07	2.43E-06	1.41E-06	2.69E-08	6.49E-07	2.62E-08	7.02E-07	4.30E-07	1.30E-06	7.52E-07	1.44E-08	3.47E-07	1.40E-08	3.75E-07
4938	475363.09, 3862877.25	8.16E-07	2.46E-06	1.43E-06	2.73E-08	6.58E-07	2.66E-08	7.12E-07	4.37E-07	1.32E-06	7.63E-07	1.46E-08	3.52E-07	1.43E-08	3.81E-07
4939	475863.09, 3862877.25	8.32E-07	2.51E-06	1.45E-06	2.78E-08	6.71E-07	2.71E-08	7.26E-07	4.45E-07	1.34E-06	7.78E-07	1.49E-08	3.59E-07	1.45E-08	3.88E-07
4940	476363.09, 3862877.25	8.43E-07	2.55E-06	1.47E-06	2.82E-08	6.80E-07	2.75E-08	7.36E-07	4.52E-07	1.36E-06	7.90E-07	1.51E-08	3.64E-07	1.47E-08	3.94E-07
4941	476863.09, 3862877.25	8.63E-07	2.61E-06	1.51E-06	2.88E-08	6.96E-07	2.82E-08	7.53E-07	4.62E-07	1.39E-06	8.07E-07	1.54E-08	3.72E-07	1.51E-08	4.03E-07
4942	477363.09, 3862877.25	8.89E-07	2.68E-06	1.55E-06	2.97E-08	7.17E-07	2.90E-08	7.75E-07	4.75E-07	1.43E-06	8.30E-07	1.59E-08	3.83E-07	1.55E-08	4.14E-07
4943	477863.09, 3862877.25	9.24E-07	2.79E-06	1.62E-06	3.09E-08	7.46E-07	3.02E-08	8.07E-07	4.91E-07	1.48E-06	8.59E-07	1.64E-08	3.96E-07	1.60E-08	4.29E-07
4944	478363.09, 3862877.25	9.37E-07	2.83E-06	1.64E-06	3.13E-08	7.56E-07	3.06E-08	8.18E-07	4.94E-07	1.49E-06	8.63E-07	1.65E-08	3.98E-07	1.61E-08	4.31E-07
4945	478863.09, 3862877.25	9.53E-07	2.88E-06	1.67E-06	3.18E-08	7.69E-07	3.11E-08	8.32E-07	5.02E-07	1.52E-06	8.78E-07	1.68E-08	4.05E-07	1.64E-08	4.38E-07
4946	479363.09, 3862877.25	9.75E-07	2.94E-06	1.70E-06	3.26E-08	7.87E-07	3.18E-08	8.51E-07	5.14E-07	1.55E-06	8.98E-07	1.72E-08	4.14E-07	1.68E-08	4.48E-07
4947	479863.09, 3862877.25	9.55E-07	2.88E-06	1.67E-06	3.19E-08	7.70E-07	3.12E-08	8.33E-07	5.12E-07	1.55E-06	8.95E-07	1.71E-08	4.13E-07	1.67E-08	4.47E-07
4948	480363.09, 3862877.25	9.50E-07	2.87E-06	1.66E-06	3.17E-08	7.66E-07	3.10E-08	8.29E-07	5.12E-07	1.54E-06	8.94E-07	1.71E-08	4.13E-07	1.67E-08	4.46E-07
4949	480863.09, 3862877.25	9.52E-07	2.87E-06	1.66E-06	3.18E-08	7.68E-07	3.11E-08	8.31E-07	5.14E-07	1.55E-06	8.98E-07	1.72E-08	4.14E-07	1.68E-08	4.48E-07
4950	481363.09, 3862877.25	9.46E-07	2.86E-06	1.65E-06	3.16E-08	7.63E-07	3.09E-08	8.26E-07	5.13E-07	1.55E-06	8.97E-07	1.71E-08	4.14E-07	1.67E-08	4.48E-07
4951	481863.09, 3862877.25	9.77E-07	2.95E-06	1.71E-06	3.26E-08	7.88E-07	3.19E-08	8.53E-07	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07
4952	482363.09, 3862877.25	9.74E-07	2.94E-06	1.70E-06	3.25E-08	7.86E-07	3.18E-08	8.50E-07	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07
4953	482863.09, 3862877.25	9.86E-07	2.98E-06	1.72E-06	3.29E-08	7.95E-07	3.22E-08	8.60E-07	5.37E-07	1.62E-06	9.38E-07	1.79E-08	4.33E-07	1.75E-08	4.68E-07
4954	483363.09, 3862877.25	9.90E-07	2.99E-06	1.73E-06	3.31E-08	7.98E-07	3.23E-08	8.64E-07	5.41E-07	1.63E-06	9.45E-07	1.81E-08	4.36E-07	1.76E-08	4.72E-07
4955	483863.09, 3862877.25	9.76E-07	2.95E-06	1.71E-06	3.26E-08	7.87E-07	3.18E-08	8.52E-07	5.35E-07	1.62E-06	9.35E-07	1.79E-08	4.32E-07	1.75E-08	4.67E-07
4956	484363.09, 3862877.25	9.72E-07	2.94E-06	1.70E-06	3.25E-08	7.84E-07	3.17E-08	8.49E-07	5.36E-07	1.62E-06	9.36E-07	1.79E-08	4.32E-07	1.75E-08	4.67E-07

4957	484863.09, 3862877.25	9.47E-07	2.86E-06	1.66E-06	3.16E-08	7.64E-07	3.09E-08	8.27E-07	5.25E-07	1.59E-06	9.19E-07	1.75E-08	4.24E-07	1.71E-08	4.59E-07
4958	485363.09, 3862877.25	9.20E-07	2.78E-06	1.61E-06	3.07E-08	7.42E-07	3.00E-08	8.03E-07	5.14E-07	1.55E-06	8.99E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07
4959	485863.09, 3862877.25	8.85E-07	2.67E-06	1.55E-06	2.96E-08	7.14E-07	2.89E-08	7.72E-07	4.99E-07	1.51E-06	8.73E-07	1.67E-08	4.03E-07	1.63E-08	4.36E-07
4960	486363.09, 3862877.25	8.70E-07	2.63E-06	1.52E-06	2.91E-08	7.02E-07	2.84E-08	7.59E-07	4.94E-07	1.49E-06	8.64E-07	1.65E-08	3.99E-07	1.61E-08	4.31E-07
4961	486863.09, 3862877.25	8.55E-07	2.58E-06	1.49E-06	2.86E-08	6.90E-07	2.79E-08	7.46E-07	4.90E-07	1.48E-06	8.57E-07	1.64E-08	3.95E-07	1.60E-08	4.28E-07
4962	487363.09, 3862877.25	8.71E-07	2.63E-06	1.52E-06	2.91E-08	7.02E-07	2.84E-08	7.60E-07	5.01E-07	1.51E-06	8.77E-07	1.67E-08	4.04E-07	1.64E-08	4.38E-07
4963	487863.09, 3862877.25	8.82E-07	2.66E-06	1.54E-06	2.95E-08	7.12E-07	2.88E-08	7.70E-07	5.11E-07	1.54E-06	8.94E-07	1.71E-08	4.13E-07	1.67E-08	4.46E-07
4964	488363.09, 3862877.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.87E-07	5.25E-07	1.59E-06	9.18E-07	1.75E-08	4.23E-07	1.71E-08	4.58E-07
4965	488863.09, 3862877.25	9.90E-07	2.99E-06	1.73E-06	3.31E-08	7.98E-07	3.23E-08	8.64E-07	5.72E-07	1.73E-06	1.00E-06	1.91E-08	4.61E-07	1.87E-08	4.99E-07
4966	489363.09, 3862877.25	1.30E-06	3.93E-06	2.27E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	7.29E-07	2.20E-06	1.27E-06	2.43E-08	5.88E-07	2.38E-08	6.36E-07
4967	489863.09, 3862877.25	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.09E-08	1.09E-06	7.11E-07	2.15E-06	1.24E-06	2.37E-08	5.73E-07	2.32E-08	6.20E-07
4968	490363.09, 3862877.25	1.27E-06	3.83E-06	2.21E-06	4.23E-08	1.02E-06	4.13E-08	1.11E-06	7.23E-07	2.18E-06	1.26E-06	2.42E-08	5.84E-07	2.36E-08	6.31E-07
4969	490863.09, 3862877.25	1.23E-06	3.71E-06	2.15E-06	4.10E-08	9.91E-07	4.01E-08	1.07E-06	7.10E-07	2.15E-06	1.24E-06	2.37E-08	5.73E-07	2.32E-08	6.20E-07
4970	491363.09, 3862877.25	1.18E-06	3.57E-06	2.07E-06	3.95E-08	9.54E-07	3.86E-08	1.03E-06	6.96E-07	2.10E-06	1.22E-06	2.32E-08	5.61E-07	2.27E-08	6.07E-07
4971	491863.09, 3862877.25	1.16E-06	3.51E-06	2.03E-06	3.89E-08	9.39E-07	3.80E-08	1.02E-06	6.96E-07	2.10E-06	1.22E-06	2.33E-08	5.62E-07	2.27E-08	6.08E-07
4972	492363.09, 3862877.25	1.18E-06	3.58E-06	2.07E-06	3.96E-08	9.55E-07	3.87E-08	1.03E-06	7.17E-07	2.16E-06	1.25E-06	2.39E-08	5.78E-07	2.34E-08	6.26E-07
4973	492863.09, 3862877.25	1.23E-06	3.72E-06	2.15E-06	4.11E-08	9.94E-07	4.02E-08	1.08E-06	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.07E-07	2.45E-08	6.56E-07
4974	493363.09, 3862877.25	1.27E-06	3.83E-06	2.22E-06	4.24E-08	1.02E-06	4.14E-08	1.11E-06	7.85E-07	2.37E-06	1.37E-06	2.62E-08	6.34E-07	2.56E-08	6.85E-07
4975	493863.09, 3862877.25	1.30E-06	3.93E-06	2.28E-06	4.35E-08	1.05E-06	4.25E-08	1.14E-06	8.17E-07	2.47E-06	1.43E-06	2.73E-08	6.59E-07	2.66E-08	7.13E-07
4976	494363.09, 3862877.25	1.35E-06	4.07E-06	2.35E-06	4.50E-08	1.09E-06	4.39E-08	1.17E-06	8.58E-07	2.59E-06	1.50E-06	2.87E-08	6.92E-07	2.80E-08	7.49E-07
4977	494863.09, 3862877.25	1.41E-06	4.26E-06	2.47E-06	4.71E-08	1.14E-06	4.60E-08	1.23E-06	9.18E-07	2.77E-06	1.61E-06	3.07E-08	7.41E-07	3.00E-08	8.01E-07
4978	495363.09, 3862877.25	1.49E-06	4.49E-06	2.60E-06	4.96E-08	1.20E-06	4.85E-08	1.30E-06	9.87E-07	2.98E-06	1.73E-06	3.30E-08	7.96E-07	3.22E-08	8.61E-07
4979	495863.09, 3862877.25	1.55E-06	4.69E-06	2.71E-06	5.19E-08	1.25E-06	5.07E-08	1.36E-06	1.05E-06	3.18E-06	1.84E-06	3.52E-08	8.49E-07	3.44E-08	9.19E-07
4980	496363.09, 3862877.25	1.62E-06	4.89E-06	2.83E-06	5.41E-08	1.31E-06	5.29E-08	1.41E-06	1.12E-06	3.40E-06	1.97E-06	3.76E-08	9.07E-07	3.67E-08	9.82E-07
4981	496863.09, 3862877.25	1.71E-06	5.15E-06	2.98E-06	5.70E-08	1.38E-06	5.57E-08	1.49E-06	1.22E-06	3.68E-06	2.13E-06	4.07E-08	9.83E-07	3.98E-08	1.06E-06
4982	497363.09, 3862877.25	1.76E-06	5.32E-06	3.08E-06	5.89E-08	1.42E-06	5.75E-08	1.54E-06	1.28E-06	3.87E-06	2.24E-06	4.27E-08	1.03E-06	4.18E-08	1.12E-06
4983	497863.09, 3862877.25	1.76E-06	5.32E-06	3.08E-06	5.89E-08	1.42E-06	5.75E-08	1.54E-06	1.28E-06	3.87E-06	2.24E-06	4.28E-08	1.03E-06	4.18E-08	1.12E-06
4984	498363.09, 3862877.25	1.74E-06	5.25E-06	3.04E-06	5.81E-08	1.40E-06	5.67E-08	1.52E-06	1.25E-06	3.78E-06	2.19E-06	4.18E-08	1.01E-06	4.09E-08	1.09E-06
4985	471363.09, 3863377.25	6.58E-07	1.99E-06	1.15E-06	2.20E-08	5.30E-07	2.15E-08	5.74E-07	3.53E-07	1.07E-06	6.18E-07	1.18E-08	2.85E-07	1.15E-08	3.08E-07
4986	471863.09, 3863377.25	6.69E-07	2.02E-06	1.17E-06	2.23E-08	5.40E-07	2.18E-08	5.84E-07	3.60E-07	1.09E-06	6.29E-07	1.20E-08	2.90E-07	1.17E-08	3.14E-07
4987	472363.09, 3863377.25	6.85E-07	2.07E-06	1.20E-06	2.29E-08	5.52E-07	2.23E-08	5.97E-07	3.68E-07	1.11E-06	6.42E-07	1.23E-08	2.96E-07	1.20E-08	3.21E-07
4988	472863.09, 3863377.25	7.01E-07	2.12E-06	1.22E-06	2.34E-08	5.65E-07	2.29E-08	6.12E-07	3.76E-07	1.14E-06	6.57E-07	1.26E-08	3.03E-07	1.23E-08	3.28E-07
4989	473363.09, 3863377.25	7.12E-07	2.15E-06	1.24E-06	2.38E-08	5.74E-07	2.32E-08	6.21E-07	3.82E-07	1.15E-06	6.68E-07	1.28E-08	3.08E-07	1.25E-08	3.34E-07
4990	473863.09, 3863377.25	7.28E-07	2.20E-06	1.27E-06	2.43E-08	5.87E-07	2.38E-08	6.35E-07	3.91E-07	1.18E-06	6.83E-07	1.30E-08	3.15E-07	1.27E-08	3.41E-07
4991	474363.09, 3863377.25	7.38E-07	2.23E-06	1.29E-06	2.46E-08	5.95E-07	2.41E-08	6.44E-07	3.96E-07	1.20E-06	6.92E-07	1.32E-08	3.19E-07	1.29E-08	3.46E-07
4992	474863.09, 3863377.25	7.44E-07	2.25E-06	1.30E-06	2.48E-08	6.00E-07	2.43E-08	6.49E-07	4.00E-07	1.21E-06	6.99E-07	1.33E-08	3.22E-07	1.30E-08	3.49E-07
4993	475363.09, 3863377.25	7.60E-07	2.29E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07	4.08E-07	1.23E-06	7.13E-07	1.36E-08	3.29E-07	1.33E-08	3.56E-07
4994	475863.09, 3863377.25	7.71E-07	2.33E-06	1.35E-06	2.57E-08	6.22E-07	2.52E-08	6.73E-07	4.14E-07	1.25E-06	7.24E-07	1.38E-08	3.34E-07	1.35E-08	3.61E-07
4995	476363.09, 3863377.25	7.78E-07	2.35E-06	1.36E-06	2.60E-08	6.28E-07	2.54E-08	6.79E-07	4.19E-07	1.26E-06	7.32E-07	1.40E-08	3.38E-07	1.37E-08	3.65E-07
4996	476863.09, 3863377.25	7.90E-07	2.38E-06	1.38E-06	2.64E-08	6.37E-07	2.58E-08	6.89E-07	4.25E-07	1.28E-06	7.43E-07	1.42E-08	3.43E-07	1.39E-08	3.71E-07
4997	477363.09, 3863377.25	8.06E-07	2.43E-06	1.41E-06	2.69E-08	6.50E-07	2.63E-08	7.03E-07	4.34E-07	1.31E-06	7.58E-07	1.45E-08	3.50E-07	1.42E-08	3.78E-07
4998	477863.09, 3863377.25	8.31E-07	2.51E-06	1.45E-06	2.77E-08	6.70E-07	2.71E-08	7.25E-07	4.46E-07	1.35E-06	7.79E-07	1.49E-08	3.59E-07	1.45E-08	3.89E-07
4999	478363.09, 3863377.25	8.61E-07	2.60E-06	1.51E-06	2.88E-08	6.95E-07	2.81E-08	7.52E-07	4.59E-07	1.39E-06	8.02E-07	1.53E-08	3.70E-07	1.50E-08	4.00E-07
5000	478863.09, 3863377.25	8.68E-07	2.62E-06	1.52E-06	2.90E-08	7.00E-07	2.83E-08	7.58E-07	4.63E-07	1.40E-06	8.10E-07	1.55E-08	3.74E-07	1.51E-08	4.04E-07
5001	479363.09, 3863377.25	8.65E-07	2.61E-06	1.51E-06	2.89E-08	6.98E-07	2.82E-08	7.55E-07	4.64E-07	1.40E-06	8.12E-07	1.55E-08	3.75E-07	1.52E-08	4.05E-07
5002	479863.09, 3863377.25	8.51E-07	2.57E-06	1.49E-06	2.84E-08	6.86E-07	2.78E-08	7.42E-07	4.60E-07	1.39E-06	8.04E-07	1.54E-08	3.71E-07	1.50E-08	4.01E-07
5003	480363.09, 3863377.25	8.49E-07	2.56E-06	1.48E-06	2.83E-08	6.85E-07	2.77E-08	7.41E-07	4.60E-07	1.39E-06	8.05E-07	1.54E-08	3.71E-07	1.50E-08	4.02E-07
5004	480863.09, 3863377.25	8.51E-07	2.57E-06	1.49E-06	2.84E-08	6.86E-07	2.78E-08	7.42E-07	4.62E-07	1.40E-06	8.08E-07	1.54E-08	3.73E-07	1.51E-08	4.04E-07
5005	481363.09, 3863377.25	8.44E-07	2.55E-06	1.47E-06	2.82E-08	6.81E-07	2.75E-08	7.36E-07	4.61E-07	1.39E-06	8.05E-07	1.54E-08	3.72E-07	1.50E-08	4.02E-07
5006	481863.09, 3863377.25	8.56E-07	2.58E-06	1.50E-06	2.86E-08	6.90E-07	2.79E-08	7.47E-07	4.68E-07	1.41E-06	8.19E-07	1.56E-08	3.78E-07	1.53E-08	4.09E-07
5007	482363.09, 3863377.25	8.62E-07	2.60E-06	1.51E-06	2.88E-08	6.96E-07	2.81E-08	7.53E-07	4.73E-07	1.43E-06	8.27E-07	1.58E-08	3.82E-07	1.54E-08	4.13E-07
5008	482863.09, 3863377.25	8.60E-07	2.60E-06	1.50E-06	2.87E-08	6.94E-07	2.81E-08	7.51E-07	4.73E-07	1.43E-06	8.27E-07	1.58E-08	3.81E-07	1.54E-08	4.13E-07
5009	483363.09, 3863377.25	8.64E-07	2.61E-06	1.51E-06	2.89E-08	6.97E-07	2.82E-08	7.54E-07	4.76E-07	1.44E-06	8.33E-07	1.59E-08	3.84E-07	1.55E-08	4.16E-07
5010	483863.09, 3863377.25	8.55E-07	2.58E-06	1.49E-06	2.86E-08	6.90E-07	2.79E-08	7.46E-07	4.73E-07	1.43E-06	8.27E-07	1.58E-08	3.82E-07	1.54E-08	4.13E-07
5011	484363.09, 3863377.25	8.31E-07	2.51E-06	1.45E-06	2.77E-08	6.70E-07	2.71E-08	7.25E-07	4.63E-07	1.40E-06	8.09E-07	1.55E-08	3.74E-07	1.51E-08	4.04E-07
5012	484863.09, 3863377.25	8.04E-07	2.43E-06	1.41E-06	2.69E-08	6.49E-07	2.62E-08	7.02E-07	4.52E-07	1.37E-06	7.91E-07	1.51E-08	3.65E-07	1.48E-08	3.95E-07
5013	485363.09, 3863377.25	7.72E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07	4.39E-07	1.32E-06	7.67E-07	1.46E-08	3.54E-07	1.43E-08	3.83E-07
5014	485863.09, 3863377.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.06E-07	2.45E-08	6.56E-07	4.30E-07	1.30E-06	7.52E-07	1.44E-08	3.47E-07	1.40E-08	3.75E-07
5015	486363.09, 3863377.25	7.26E-07	2.19E-06	1.27E-06	2.42E-08	5.86E-07	2.37E-08	6.34E-07	4.19E-07	1.27E-06	7.33E-07	1.40E-08	3.38E-07	1.37E-08	3.66E-07
5016	486863.09, 3863377.25	7.10E-07	2.14E-06	1.24E-06	2.37E-08	5.73E-07	2.32E-08	6.20E-07	4.14E-07	1.25E-06	7.23E-07	1.38E-08	3.34E-07	1.35E-08	3.61E-07
5017	487363.09, 3863377.25	7.13E-07	2.15E-06	1.25E-06	2.38E-08	5.75E-07	2.33E-08	6.22E-07	4.18E-07	1.26E-06	7.31E-07	1.40E-08	3.37E-07	1.36E-08	3.65E-07
5018	487863.09, 3863377.25	7.32E-07	2.21E-06	1.28E-06	2.45E-08	5.91E-07	2.39E-08	6.39E-07	4.31E-07	1.30E-06	7.53E-07	1.44E-08	3.48E-07	1.41E-08	3.76E-07

5019	488363.09, 3863377.25	7.54E-07	2.28E-06	1.32E-06	2.52E-08	6.08E-07	2.46E-08	6.58E-07	4.45E-07	1.34E-06	7.77E-07	1.48E-08	3.59E-07	1.45E-08	3.88E-07
5020	488863.09, 3863377.25	8.13E-07	2.46E-06	1.42E-06	2.72E-08	6.56E-07	2.65E-08	7.10E-07	4.77E-07	1.44E-06	8.34E-07	1.59E-08	3.85E-07	1.56E-08	4.16E-07
5021	489363.09, 3863377.25	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.62E-07	3.49E-08	9.33E-07	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.97E-08	5.28E-07
5022	489863.09, 3863377.25	1.03E-06	3.12E-06	1.80E-06	3.45E-08	8.33E-07	3.37E-08	9.01E-07	5.91E-07	1.79E-06	1.03E-06	1.98E-08	4.77E-07	1.93E-08	5.16E-07
5023	490363.09, 3863377.25	1.08E-06	3.25E-06	1.88E-06	3.60E-08	8.69E-07	3.52E-08	9.40E-07	6.18E-07	1.86E-06	1.08E-06	2.06E-08	4.98E-07	2.02E-08	5.39E-07
5024	490863.09, 3863377.25	1.08E-06	3.26E-06	1.89E-06	3.61E-08	8.71E-07	3.52E-08	9.42E-07	6.23E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07
5025	491363.09, 3863377.25	1.02E-06	3.09E-06	1.79E-06	3.42E-08	8.25E-07	3.34E-08	8.92E-07	5.99E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.23E-07
5026	491863.09, 3863377.25	9.79E-07	2.96E-06	1.71E-06	3.27E-08	7.90E-07	3.20E-08	8.55E-07	5.83E-07	1.76E-06	1.02E-06	1.95E-08	4.70E-07	1.90E-08	5.09E-07
5027	492363.09, 3863377.25	9.82E-07	2.97E-06	1.72E-06	3.28E-08	7.92E-07	3.21E-08	8.57E-07	5.89E-07	1.78E-06	1.03E-06	1.97E-08	4.75E-07	1.92E-08	5.14E-07
5028	492863.09, 3863377.25	1.00E-06	3.03E-06	1.76E-06	3.35E-08	8.10E-07	3.28E-08	8.76E-07	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.22E-07
5029	493363.09, 3863377.25	1.03E-06	3.11E-06	1.80E-06	3.44E-08	8.30E-07	3.36E-08	8.98E-07	6.06E-07	1.83E-06	1.06E-06	2.02E-08	4.89E-07	1.98E-08	5.29E-07
5030	493863.09, 3863377.25	1.05E-06	3.17E-06	1.83E-06	3.50E-08	8.46E-07	3.42E-08	9.16E-07	6.21E-07	1.88E-06	1.09E-06	2.08E-08	5.01E-07	2.03E-08	5.42E-07
5031	494363.09, 3863377.25	1.06E-06	3.19E-06	1.85E-06	3.53E-08	8.52E-07	3.45E-08	9.21E-07	6.37E-07	1.92E-06	1.11E-06	2.13E-08	5.14E-07	2.08E-08	5.56E-07
5032	494863.09, 3863377.25	1.07E-06	3.23E-06	1.87E-06	3.57E-08	8.63E-07	3.49E-08	9.34E-07	6.46E-07	1.95E-06	1.13E-06	2.16E-08	5.21E-07	2.11E-08	5.64E-07
5033	495363.09, 3863377.25	1.08E-06	3.27E-06	1.89E-06	3.62E-08	8.74E-07	3.54E-08	9.46E-07	6.51E-07	1.97E-06	1.14E-06	2.17E-08	5.25E-07	2.12E-08	5.68E-07
5034	495863.09, 3863377.25	1.11E-06	3.35E-06	1.94E-06	3.71E-08	8.96E-07	3.63E-08	9.69E-07	6.66E-07	2.01E-06	1.16E-06	2.23E-08	5.38E-07	2.17E-08	5.82E-07
5035	496363.09, 3863377.25	1.17E-06	3.54E-06	2.05E-06	3.92E-08	9.47E-07	3.83E-08	1.02E-06	7.46E-07	2.25E-06	1.30E-06	2.49E-08	6.02E-07	2.44E-08	6.51E-07
5036	496863.09, 3863377.25	1.17E-06	3.52E-06	2.04E-06	3.89E-08	9.41E-07	3.81E-08	1.02E-06	7.48E-07	2.26E-06	1.31E-06	2.50E-08	6.04E-07	2.44E-08	6.53E-07
5037	497363.09, 3863377.25	1.15E-06	3.46E-06	2.00E-06	3.83E-08	9.25E-07	3.74E-08	1.00E-06	7.36E-07	2.22E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.42E-07
5038	497863.09, 3863377.25	1.13E-06	3.40E-06	1.97E-06	3.76E-08	9.08E-07	3.68E-08	9.83E-07	7.20E-07	2.18E-06	1.26E-06	2.41E-08	5.81E-07	2.35E-08	6.29E-07
5039	498363.09, 3863377.25	1.12E-06	3.38E-06	1.95E-06	3.73E-08	9.02E-07	3.65E-08	9.76E-07	7.15E-07	2.16E-06	1.25E-06	2.39E-08	5.77E-07	2.33E-08	6.24E-07
5040	471363.09, 3863877.25	6.28E-07	1.90E-06	1.10E-06	2.10E-08	5.06E-07	2.05E-08	5.48E-07	3.38E-07	1.02E-06	5.90E-07	1.13E-08	2.72E-07	1.10E-08	2.95E-07
5041	471863.09, 3863877.25	6.44E-07	1.94E-06	1.13E-06	2.15E-08	5.19E-07	2.10E-08	5.62E-07	3.46E-07	1.05E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
5042	472363.09, 3863877.25	6.54E-07	1.98E-06	1.14E-06	2.18E-08	5.28E-07	2.13E-08	5.71E-07	3.52E-07	1.06E-06	6.15E-07	1.17E-08	2.84E-07	1.15E-08	3.07E-07
5043	472863.09, 3863877.25	6.65E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.80E-07	3.58E-07	1.08E-06	6.25E-07	1.19E-08	2.89E-07	1.17E-08	3.12E-07
5044	473363.09, 3863877.25	6.71E-07	2.03E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.86E-07	3.61E-07	1.09E-06	6.32E-07	1.21E-08	2.91E-07	1.18E-08	3.15E-07
5045	473863.09, 3863877.25	6.87E-07	2.07E-06	1.20E-06	2.29E-08	5.54E-07	2.24E-08	5.99E-07	3.70E-07	1.12E-06	6.46E-07	1.23E-08	2.98E-07	1.21E-08	3.23E-07
5046	474363.09, 3863877.25	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07	3.73E-07	1.13E-06	6.51E-07	1.24E-08	3.01E-07	1.22E-08	3.25E-07
5047	474863.09, 3863877.25	6.94E-07	2.09E-06	1.21E-06	2.32E-08	5.59E-07	2.26E-08	6.05E-07	3.74E-07	1.13E-06	6.54E-07	1.25E-08	3.02E-07	1.22E-08	3.26E-07
5048	475363.09, 3863877.25	7.05E-07	2.13E-06	1.23E-06	2.35E-08	5.69E-07	2.30E-08	6.15E-07	3.80E-07	1.15E-06	6.64E-07	1.27E-08	3.07E-07	1.24E-08	3.32E-07
5049	475863.09, 3863877.25	7.07E-07	2.13E-06	1.24E-06	2.36E-08	5.70E-07	2.31E-08	6.17E-07	3.82E-07	1.15E-06	6.67E-07	1.27E-08	3.08E-07	1.25E-08	3.33E-07
5050	476363.09, 3863877.25	7.18E-07	2.17E-06	1.26E-06	2.40E-08	5.79E-07	2.34E-08	6.27E-07	3.88E-07	1.17E-06	6.78E-07	1.30E-08	3.13E-07	1.27E-08	3.39E-07
5051	476863.09, 3863877.25	7.21E-07	2.18E-06	1.26E-06	2.41E-08	5.81E-07	2.35E-08	6.29E-07	3.90E-07	1.18E-06	6.82E-07	1.30E-08	3.15E-07	1.27E-08	3.40E-07
5052	477363.09, 3863877.25	7.37E-07	2.22E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.43E-07	3.99E-07	1.20E-06	6.97E-07	1.33E-08	3.21E-07	1.30E-08	3.48E-07
5053	477863.09, 3863877.25	7.57E-07	2.29E-06	1.32E-06	2.53E-08	6.11E-07	2.47E-08	6.61E-07	4.09E-07	1.23E-06	7.14E-07	1.36E-08	3.30E-07	1.33E-08	3.57E-07
5054	478363.09, 3863877.25	7.83E-07	2.37E-06	1.37E-06	2.62E-08	6.32E-07	2.56E-08	6.84E-07	4.21E-07	1.27E-06	7.35E-07	1.40E-08	3.39E-07	1.37E-08	3.67E-07
5055	478863.09, 3863877.25	7.79E-07	2.35E-06	1.36E-06	2.60E-08	6.28E-07	2.54E-08	6.80E-07	4.21E-07	1.27E-06	7.36E-07	1.41E-08	3.39E-07	1.37E-08	3.67E-07
5056	479363.09, 3863877.25	7.77E-07	2.35E-06	1.36E-06	2.60E-08	6.27E-07	2.54E-08	6.78E-07	4.21E-07	1.27E-06	7.37E-07	1.41E-08	3.40E-07	1.38E-08	3.68E-07
5057	479863.09, 3863877.25	7.75E-07	2.34E-06	1.36E-06	2.59E-08	6.25E-07	2.53E-08	6.77E-07	4.22E-07	1.27E-06	7.37E-07	1.41E-08	3.40E-07	1.38E-08	3.68E-07
5058	480363.09, 3863877.25	7.72E-07	2.33E-06	1.35E-06	2.58E-08	6.23E-07	2.52E-08	6.74E-07	4.21E-07	1.27E-06	7.37E-07	1.41E-08	3.40E-07	1.38E-08	3.68E-07
5059	480863.09, 3863877.25	7.59E-07	2.29E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07	4.16E-07	1.26E-06	7.28E-07	1.39E-08	3.36E-07	1.36E-08	3.63E-07
5060	481363.09, 3863877.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.06E-07	2.45E-08	6.56E-07	4.14E-07	1.25E-06	7.23E-07	1.38E-08	3.34E-07	1.35E-08	3.61E-07
5061	481863.09, 3863877.25	7.59E-07	2.29E-06	1.33E-06	2.53E-08	6.12E-07	2.48E-08	6.62E-07	4.19E-07	1.26E-06	7.32E-07	1.40E-08	3.38E-07	1.37E-08	3.65E-07
5062	482363.09, 3863877.25	7.66E-07	2.31E-06	1.34E-06	2.56E-08	6.17E-07	2.50E-08	6.68E-07	4.23E-07	1.28E-06	7.39E-07	1.41E-08	3.41E-07	1.38E-08	3.69E-07
5063	482863.09, 3863877.25	7.64E-07	2.31E-06	1.34E-06	2.55E-08	6.16E-07	2.49E-08	6.67E-07	4.23E-07	1.28E-06	7.40E-07	1.41E-08	3.41E-07	1.38E-08	3.69E-07
5064	483363.09, 3863877.25	7.63E-07	2.30E-06	1.33E-06	2.55E-08	6.15E-07	2.49E-08	6.66E-07	4.24E-07	1.28E-06	7.41E-07	1.42E-08	3.42E-07	1.38E-08	3.70E-07
5065	483863.09, 3863877.25	7.47E-07	2.26E-06	1.31E-06	2.50E-08	6.03E-07	2.44E-08	6.52E-07	4.17E-07	1.26E-06	7.29E-07	1.39E-08	3.37E-07	1.36E-08	3.64E-07
5066	484363.09, 3863877.25	7.11E-07	2.15E-06	1.24E-06	2.37E-08	5.74E-07	2.32E-08	6.21E-07	4.01E-07	1.21E-06	7.01E-07	1.34E-08	3.24E-07	1.31E-08	3.50E-07
5067	484863.09, 3863877.25	6.83E-07	2.06E-06	1.19E-06	2.28E-08	5.51E-07	2.23E-08	5.96E-07	3.89E-07	1.17E-06	6.80E-07	1.30E-08	3.14E-07	1.27E-08	3.39E-07
5068	485363.09, 3863877.25	6.66E-07	2.01E-06	1.16E-06	2.22E-08	5.37E-07	2.17E-08	5.81E-07	3.82E-07	1.15E-06	6.68E-07	1.28E-08	3.08E-07	1.25E-08	3.33E-07
5069	485863.09, 3863877.25	6.55E-07	1.98E-06	1.14E-06	2.19E-08	5.28E-07	2.14E-08	5.71E-07	3.78E-07	1.14E-06	6.60E-07	1.26E-08	3.05E-07	1.23E-08	3.30E-07
5070	486363.09, 3863877.25	6.24E-07	1.88E-06	1.09E-06	2.08E-08	5.04E-07	2.04E-08	5.45E-07	3.64E-07	1.10E-06	6.37E-07	1.22E-08	2.94E-07	1.19E-08	3.18E-07
5071	486863.09, 3863877.25	5.97E-07	1.80E-06	1.04E-06	2.00E-08	4.82E-07	1.95E-08	5.21E-07	3.53E-07	1.07E-06	6.17E-07	1.18E-08	2.85E-07	1.15E-08	3.08E-07
5072	487363.09, 3863877.25	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07	3.53E-07	1.07E-06	6.17E-07	1.18E-08	2.85E-07	1.15E-08	3.08E-07
5073	487863.09, 3863877.25	6.20E-07	1.87E-06	1.08E-06	2.07E-08	5.00E-07	2.02E-08	5.41E-07	3.69E-07	1.11E-06	6.45E-07	1.23E-08	2.98E-07	1.20E-08	3.22E-07
5074	488363.09, 3863877.25	6.39E-07	1.93E-06	1.12E-06	2.13E-08	5.16E-07	2.09E-08	5.58E-07	3.81E-07	1.15E-06	6.66E-07	1.27E-08	3.07E-07	1.24E-08	3.33E-07
5075	488863.09, 3863877.25	6.75E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.89E-07	4.01E-07	1.21E-06	7.01E-07	1.34E-08	3.24E-07	1.31E-08	3.50E-07
5076	489363.09, 3863877.25	7.37E-07	2.22E-06	1.29E-06	2.46E-08	5.94E-07	2.40E-08	6.43E-07	4.35E-07	1.31E-06	7.60E-07	1.45E-08	3.51E-07	1.42E-08	3.79E-07
5077	489863.09, 3863877.25	8.36E-07	2.52E-06	1.46E-06	2.79E-08	6.74E-07	2.73E-08	7.30E-07	4.86E-07	1.47E-06	8.49E-07	1.62E-08	3.92E-07	1.59E-08	4.24E-07
5078	490363.09, 3863877.25	9.17E-07	2.77E-06	1.60E-06	3.06E-08	7.39E-07	2.99E-08	8.00E-07	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07
5079	490863.09, 3863877.25	9.58E-07	2.89E-06	1.67E-06	3.20E-08	7.72E-07	3.12E-08	8.36E-07	5.50E-07	1.66E-06	9.62E-07	1.84E-08	4.44E-07	1.80E-08	4.80E-07
5080	491363.09, 3863877.25	9.28E-07	2.80E-06	1.62E-06	3.10E-08	7.49E-07	3.03E-08	8.10E-07	5.38E-07	1.62E-06	9.40E-07	1.80E-08	4.34E-07	1.75E-08	4.69E-07

5081	491863.09, 3863877.25	8.81E-07	2.66E-06	1.54E-06	2.94E-08	7.11E-07	2.87E-08	7.69E-07	5.14E-07	1.55E-06	8.98E-07	1.72E-08	4.14E-07	1.68E-08	4.48E-07
5082	492363.09, 3863877.25	8.52E-07	2.57E-06	1.49E-06	2.84E-08	6.87E-07	2.78E-08	7.43E-07	4.90E-07	1.48E-06	8.56E-07	1.64E-08	3.95E-07	1.60E-08	4.27E-07
5083	492863.09, 3863877.25	8.39E-07	2.53E-06	1.47E-06	2.80E-08	6.77E-07	2.74E-08	7.32E-07	4.76E-07	1.44E-06	8.31E-07	1.59E-08	3.84E-07	1.55E-08	4.15E-07
5084	493363.09, 3863877.25	8.57E-07	2.59E-06	1.50E-06	2.86E-08	6.92E-07	2.80E-08	7.48E-07	4.88E-07	1.47E-06	8.53E-07	1.63E-08	3.94E-07	1.59E-08	4.26E-07
5085	493863.09, 3863877.25	8.75E-07	2.64E-06	1.53E-06	2.92E-08	7.06E-07	2.86E-08	7.64E-07	5.02E-07	1.52E-06	8.78E-07	1.68E-08	4.05E-07	1.64E-08	4.38E-07
5086	494363.09, 3863877.25	8.86E-07	2.67E-06	1.55E-06	2.96E-08	7.14E-07	2.89E-08	7.73E-07	5.13E-07	1.55E-06	8.97E-07	1.71E-08	4.14E-07	1.67E-08	4.48E-07
5087	494863.09, 3863877.25	8.85E-07	2.67E-06	1.55E-06	2.96E-08	7.14E-07	2.89E-08	7.73E-07	5.15E-07	1.55E-06	9.00E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07
5088	495363.09, 3863877.25	8.92E-07	2.69E-06	1.56E-06	2.98E-08	7.19E-07	2.91E-08	7.78E-07	5.21E-07	1.57E-06	9.10E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07
5089	495863.09, 3863877.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.88E-07	5.27E-07	1.59E-06	9.21E-07	1.76E-08	4.25E-07	1.72E-08	4.60E-07
5090	496363.09, 3863877.25	9.20E-07	2.78E-06	1.61E-06	3.07E-08	7.42E-07	3.00E-08	8.02E-07	5.47E-07	1.65E-06	9.56E-07	1.83E-08	4.41E-07	1.78E-08	4.77E-07
5091	496863.09, 3863877.25	9.39E-07	2.84E-06	1.64E-06	3.14E-08	7.58E-07	3.07E-08	8.20E-07	5.69E-07	1.72E-06	9.95E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07
5092	497363.09, 3863877.25	9.41E-07	2.84E-06	1.65E-06	3.14E-08	7.59E-07	3.07E-08	8.21E-07	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07
5093	497863.09, 3863877.25	9.28E-07	2.80E-06	1.62E-06	3.10E-08	7.49E-07	3.03E-08	8.10E-07	5.65E-07	1.71E-06	9.87E-07	1.89E-08	4.56E-07	1.84E-08	4.93E-07
5094	498363.09, 3863877.25	9.02E-07	2.72E-06	1.58E-06	3.01E-08	7.28E-07	2.94E-08	7.88E-07	5.49E-07	1.66E-06	9.59E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07
5095	471363.09, 3864377.25	6.03E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07	3.25E-07	9.81E-07	5.68E-07	1.08E-08	2.62E-07	1.06E-08	2.83E-07
5096	471863.09, 3864377.25	6.13E-07	1.85E-06	1.07E-06	2.05E-08	4.94E-07	2.00E-08	5.35E-07	3.30E-07	9.97E-07	5.77E-07	1.10E-08	2.66E-07	1.08E-08	2.88E-07
5097	472363.09, 3864377.25	6.24E-07	1.88E-06	1.09E-06	2.08E-08	5.03E-07	2.03E-08	5.44E-07	3.36E-07	1.01E-06	5.87E-07	1.12E-08	2.71E-07	1.10E-08	2.93E-07
5098	472863.09, 3864377.25	6.30E-07	1.90E-06	1.10E-06	2.10E-08	5.08E-07	2.05E-08	5.49E-07	3.40E-07	1.03E-06	5.94E-07	1.13E-08	2.74E-07	1.11E-08	2.96E-07
5099	473363.09, 3864377.25	6.35E-07	1.92E-06	1.11E-06	2.12E-08	5.12E-07	2.07E-08	5.54E-07	3.43E-07	1.03E-06	5.99E-07	1.14E-08	2.76E-07	1.12E-08	2.99E-07
5100	473863.09, 3864377.25	6.41E-07	1.94E-06	1.12E-06	2.14E-08	5.17E-07	2.09E-08	5.59E-07	3.46E-07	1.05E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
5101	474363.09, 3864377.25	6.42E-07	1.94E-06	1.12E-06	2.14E-08	5.18E-07	2.09E-08	5.60E-07	3.47E-07	1.05E-06	6.07E-07	1.16E-08	2.80E-07	1.13E-08	3.03E-07
5102	474863.09, 3864377.25	6.44E-07	1.94E-06	1.13E-06	2.15E-08	5.19E-07	2.10E-08	5.62E-07	3.49E-07	1.05E-06	6.10E-07	1.16E-08	2.81E-07	1.14E-08	3.04E-07
5103	475363.09, 3864377.25	6.50E-07	1.96E-06	1.14E-06	2.17E-08	5.24E-07	2.12E-08	5.67E-07	3.52E-07	1.06E-06	6.15E-07	1.18E-08	2.84E-07	1.15E-08	3.07E-07
5104	475863.09, 3864377.25	6.52E-07	1.97E-06	1.14E-06	2.18E-08	5.26E-07	2.13E-08	5.69E-07	3.54E-07	1.07E-06	6.18E-07	1.18E-08	2.85E-07	1.15E-08	3.09E-07
5105	476363.09, 3864377.25	6.59E-07	1.99E-06	1.15E-06	2.20E-08	5.31E-07	2.15E-08	5.75E-07	3.58E-07	1.08E-06	6.25E-07	1.19E-08	2.89E-07	1.17E-08	3.12E-07
5106	476863.09, 3864377.25	6.70E-07	2.02E-06	1.17E-06	2.24E-08	5.41E-07	2.19E-08	5.85E-07	3.64E-07	1.10E-06	6.36E-07	1.22E-08	2.94E-07	1.19E-08	3.18E-07
5107	477363.09, 3864377.25	6.77E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	3.68E-07	1.11E-06	6.44E-07	1.23E-08	2.97E-07	1.20E-08	3.22E-07
5108	477863.09, 3864377.25	6.88E-07	2.08E-06	1.20E-06	2.30E-08	5.55E-07	2.25E-08	6.00E-07	3.74E-07	1.13E-06	6.55E-07	1.25E-08	3.02E-07	1.22E-08	3.27E-07
5109	478363.09, 3864377.25	6.98E-07	2.11E-06	1.22E-06	2.33E-08	5.63E-07	2.28E-08	6.09E-07	3.80E-07	1.15E-06	6.64E-07	1.27E-08	3.06E-07	1.24E-08	3.31E-07
5110	478863.09, 3864377.25	7.05E-07	2.13E-06	1.23E-06	2.35E-08	5.68E-07	2.30E-08	6.15E-07	3.84E-07	1.16E-06	6.71E-07	1.28E-08	3.09E-07	1.25E-08	3.35E-07
5111	479363.09, 3864377.25	7.06E-07	2.13E-06	1.23E-06	2.36E-08	5.70E-07	2.30E-08	6.16E-07	3.85E-07	1.16E-06	6.73E-07	1.29E-08	3.11E-07	1.26E-08	3.36E-07
5112	479863.09, 3864377.25	7.03E-07	2.12E-06	1.23E-06	2.35E-08	5.67E-07	2.29E-08	6.14E-07	3.85E-07	1.16E-06	6.72E-07	1.28E-08	3.10E-07	1.26E-08	3.36E-07
5113	480363.09, 3864377.25	6.94E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.27E-08	6.06E-07	3.81E-07	1.15E-06	6.66E-07	1.27E-08	3.07E-07	1.24E-08	3.32E-07
5114	480863.09, 3864377.25	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.45E-07	2.21E-08	5.90E-07	3.73E-07	1.13E-06	6.52E-07	1.24E-08	3.01E-07	1.22E-08	3.25E-07
5115	481363.09, 3864377.25	6.69E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07	3.71E-07	1.12E-06	6.48E-07	1.24E-08	2.99E-07	1.21E-08	3.23E-07
5116	481863.09, 3864377.25	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.45E-07	2.21E-08	5.90E-07	3.76E-07	1.13E-06	6.56E-07	1.25E-08	3.03E-07	1.23E-08	3.28E-07
5117	482363.09, 3864377.25	6.78E-07	2.05E-06	1.19E-06	2.26E-08	5.47E-07	2.21E-08	5.92E-07	3.77E-07	1.14E-06	6.59E-07	1.26E-08	3.04E-07	1.23E-08	3.29E-07
5118	482863.09, 3864377.25	6.76E-07	2.04E-06	1.18E-06	2.26E-08	5.45E-07	2.21E-08	5.90E-07	3.77E-07	1.14E-06	6.59E-07	1.26E-08	3.04E-07	1.23E-08	3.29E-07
5119	483363.09, 3864377.25	6.70E-07	2.02E-06	1.17E-06	2.24E-08	5.40E-07	2.19E-08	5.85E-07	3.75E-07	1.13E-06	6.56E-07	1.25E-08	3.03E-07	1.22E-08	3.27E-07
5120	483863.09, 3864377.25	6.48E-07	1.96E-06	1.13E-06	2.17E-08	5.23E-07	2.12E-08	5.66E-07	3.66E-07	1.10E-06	6.39E-07	1.22E-08	2.95E-07	1.19E-08	3.19E-07
5121	484363.09, 3864377.25	6.16E-07	1.86E-06	1.08E-06	2.06E-08	4.97E-07	2.01E-08	5.37E-07	3.51E-07	1.06E-06	6.13E-07	1.17E-08	2.83E-07	1.14E-08	3.06E-07
5122	484863.09, 3864377.25	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.94E-08	5.18E-07	3.41E-07	1.03E-06	5.96E-07	1.14E-08	2.75E-07	1.11E-08	2.98E-07
5123	485363.09, 3864377.25	5.86E-07	1.77E-06	1.02E-06	1.96E-08	4.73E-07	1.91E-08	5.11E-07	3.39E-07	1.02E-06	5.93E-07	1.13E-08	2.74E-07	1.11E-08	2.96E-07
5124	485863.09, 3864377.25	5.70E-07	1.72E-06	9.96E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07	3.33E-07	1.00E-06	5.81E-07	1.11E-08	2.68E-07	1.09E-08	2.90E-07
5125	486363.09, 3864377.25	5.44E-07	1.64E-06	9.50E-07	1.82E-08	4.39E-07	1.77E-08	4.74E-07	3.21E-07	9.69E-07	5.61E-07	1.07E-08	2.59E-07	1.05E-08	2.80E-07
5126	486863.09, 3864377.25	5.16E-07	1.56E-06	9.03E-07	1.72E-08	4.17E-07	1.69E-08	4.51E-07	3.09E-07	9.33E-07	5.40E-07	1.03E-08	2.49E-07	1.01E-08	2.70E-07
5127	487363.09, 3864377.25	5.11E-07	1.54E-06	8.93E-07	1.71E-08	4.12E-07	1.67E-08	4.46E-07	3.08E-07	9.30E-07	5.39E-07	1.03E-08	2.49E-07	1.01E-08	2.69E-07
5128	487863.09, 3864377.25	5.31E-07	1.60E-06	9.28E-07	1.77E-08	4.28E-07	1.73E-08	4.63E-07	3.20E-07	9.65E-07	5.59E-07	1.07E-08	2.58E-07	1.04E-08	2.79E-07
5129	488363.09, 3864377.25	5.52E-07	1.67E-06	9.66E-07	1.84E-08	4.46E-07	1.80E-08	4.82E-07	3.32E-07	1.00E-06	5.81E-07	1.11E-08	2.68E-07	1.08E-08	2.90E-07
5130	488863.09, 3864377.25	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.05E-07	3.47E-07	1.05E-06	6.06E-07	1.16E-08	2.80E-07	1.13E-08	3.03E-07
5131	489363.09, 3864377.25	6.16E-07	1.86E-06	1.08E-06	2.06E-08	4.96E-07	2.01E-08	5.37E-07	3.66E-07	1.11E-06	6.41E-07	1.22E-08	2.96E-07	1.20E-08	3.20E-07
5132	489863.09, 3864377.25	6.94E-07	2.10E-06	1.21E-06	2.32E-08	5.60E-07	2.27E-08	6.06E-07	4.07E-07	1.23E-06	7.11E-07	1.36E-08	3.28E-07	1.33E-08	3.55E-07
5133	490363.09, 3864377.25	7.78E-07	2.35E-06	1.36E-06	2.60E-08	6.27E-07	2.54E-08	6.79E-07	4.49E-07	1.36E-06	7.85E-07	1.50E-08	3.62E-07	1.47E-08	3.92E-07
5134	490863.09, 3864377.25	8.44E-07	2.55E-06	1.47E-06	2.82E-08	6.81E-07	2.75E-08	7.36E-07	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.89E-07	1.58E-08	4.21E-07
5135	491363.09, 3864377.25	8.79E-07	2.65E-06	1.54E-06	2.93E-08	7.09E-07	2.87E-08	7.67E-07	4.96E-07	1.50E-06	8.68E-07	1.66E-08	4.00E-07	1.62E-08	4.33E-07
5136	491863.09, 3864377.25	7.77E-07	2.35E-06	1.36E-06	2.60E-08	6.27E-07	2.54E-08	6.78E-07	4.18E-07	1.26E-06	7.31E-07	1.40E-08	3.37E-07	1.37E-08	3.65E-07
5137	492363.09, 3864377.25	7.85E-07	2.37E-06	1.37E-06	2.62E-08	6.33E-07	2.56E-08	6.85E-07	4.32E-07	1.31E-06	7.56E-07	1.44E-08	3.49E-07	1.41E-08	3.77E-07
5138	492863.09, 3864377.25	6.92E-07	2.09E-06	1.21E-06	2.31E-08	5.58E-07	2.26E-08	6.04E-07	3.78E-07	1.14E-06	6.61E-07	1.26E-08	3.05E-07	1.23E-08	3.30E-07
5139	493363.09, 3864377.25	7.31E-07	2.21E-06	1.28E-06	2.44E-08	5.90E-07	2.39E-08	6.38E-07	4.04E-07	1.22E-06	7.06E-07	1.35E-08	3.26E-07	1.32E-08	3.53E-07
5140	493863.09, 3864377.25	7.46E-07	2.25E-06	1.30E-06	2.49E-08	6.01E-07	2.43E-08	6.51E-07	4.20E-07	1.27E-06	7.33E-07	1.40E-08	3.38E-07	1.37E-08	3.66E-07
5141	494363.09, 3864377.25	7.60E-07	2.29E-06	1.33E-06	2.54E-08	6.13E-07	2.48E-08	6.63E-07	4.32E-07	1.30E-06	7.55E-07	1.44E-08	3.49E-07	1.41E-08	3.77E-07
5142	494863.09, 3864377.25	7.63E-07	2.30E-06	1.33E-06	2.55E-08	6.16E-07	2.49E-08	6.66E-07	4.38E-07	1.32E-06	7.66E-07	1.46E-08	3.53E-07	1.43E-08	3.82E-07

5143	495363.09, 3864377.25	7.64E-07	2.31E-06	1.34E-06	2.55E-08	6.17E-07	2.49E-08	6.67E-07	4.39E-07	1.32E-06	7.67E-07	1.46E-08	3.54E-07	1.43E-08	3.83E-07
5144	495863.09, 3864377.25	7.66E-07	2.31E-06	1.34E-06	2.56E-08	6.18E-07	2.50E-08	6.69E-07	4.40E-07	1.33E-06	7.69E-07	1.47E-08	3.55E-07	1.44E-08	3.84E-07
5145	496363.09, 3864377.25	7.73E-07	2.33E-06	1.35E-06	2.58E-08	6.24E-07	2.52E-08	6.75E-07	4.47E-07	1.35E-06	7.82E-07	1.49E-08	3.61E-07	1.46E-08	3.90E-07
5146	496863.09, 3864377.25	7.81E-07	2.36E-06	1.37E-06	2.61E-08	6.30E-07	2.55E-08	6.82E-07	4.53E-07	1.37E-06	7.92E-07	1.51E-08	3.66E-07	1.48E-08	3.96E-07
5147	497363.09, 3864377.25	7.94E-07	2.40E-06	1.39E-06	2.65E-08	6.40E-07	2.59E-08	6.93E-07	4.66E-07	1.41E-06	8.15E-07	1.56E-08	3.76E-07	1.52E-08	4.07E-07
5148	497863.09, 3864377.25	8.06E-07	2.43E-06	1.41E-06	2.69E-08	6.50E-07	2.63E-08	7.03E-07	4.73E-07	1.43E-06	8.27E-07	1.58E-08	3.82E-07	1.54E-08	4.13E-07
5149	498363.09, 3864377.25	8.01E-07	2.42E-06	1.40E-06	2.68E-08	6.46E-07	2.61E-08	6.99E-07	4.75E-07	1.44E-06	8.31E-07	1.59E-08	3.83E-07	1.55E-08	4.15E-07
5150	471363.09, 3864877.25	5.71E-07	1.72E-06	9.99E-07	1.91E-08	4.61E-07	1.86E-08	4.99E-07	3.09E-07	9.32E-07	5.39E-07	1.03E-08	2.49E-07	1.01E-08	2.69E-07
5151	471863.09, 3864877.25	5.82E-07	1.76E-06	1.02E-06	1.94E-08	4.69E-07	1.90E-08	5.08E-07	3.14E-07	9.49E-07	5.50E-07	1.05E-08	2.54E-07	1.03E-08	2.74E-07
5152	472363.09, 3864877.25	5.87E-07	1.77E-06	1.03E-06	1.96E-08	4.74E-07	1.92E-08	5.13E-07	3.17E-07	9.58E-07	5.55E-07	1.06E-08	2.56E-07	1.04E-08	2.77E-07
5153	472863.09, 3864877.25	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.18E-07	3.21E-07	9.69E-07	5.61E-07	1.07E-08	2.59E-07	1.05E-08	2.80E-07
5154	473363.09, 3864877.25	5.94E-07	1.79E-06	1.04E-06	1.98E-08	4.79E-07	1.94E-08	5.19E-07	3.22E-07	9.72E-07	5.63E-07	1.07E-08	2.60E-07	1.05E-08	2.81E-07
5155	473863.09, 3864877.25	5.96E-07	1.80E-06	1.04E-06	1.99E-08	4.81E-07	1.94E-08	5.20E-07	3.23E-07	9.76E-07	5.65E-07	1.08E-08	2.61E-07	1.06E-08	2.82E-07
5156	474363.09, 3864877.25	5.97E-07	1.80E-06	1.04E-06	1.99E-08	4.82E-07	1.95E-08	5.21E-07	3.24E-07	9.79E-07	5.67E-07	1.08E-08	2.62E-07	1.06E-08	2.83E-07
5157	474863.09, 3864877.25	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.22E-07	3.25E-07	9.82E-07	5.69E-07	1.09E-08	2.62E-07	1.06E-08	2.84E-07
5158	475363.09, 3864877.25	6.00E-07	1.81E-06	1.05E-06	2.01E-08	4.84E-07	1.96E-08	5.24E-07	3.27E-07	9.87E-07	5.71E-07	1.09E-08	2.64E-07	1.07E-08	2.85E-07
5159	475863.09, 3864877.25	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.86E-07	1.97E-08	5.26E-07	3.29E-07	9.92E-07	5.74E-07	1.10E-08	2.65E-07	1.07E-08	2.87E-07
5160	476363.09, 3864877.25	6.14E-07	1.85E-06	1.07E-06	2.05E-08	4.95E-07	2.00E-08	5.35E-07	3.35E-07	1.01E-06	5.85E-07	1.12E-08	2.70E-07	1.09E-08	2.92E-07
5161	476863.09, 3864877.25	6.24E-07	1.88E-06	1.09E-06	2.08E-08	5.03E-07	2.04E-08	5.44E-07	3.40E-07	1.03E-06	5.94E-07	1.14E-08	2.74E-07	1.11E-08	2.97E-07
5162	477363.09, 3864877.25	6.35E-07	1.92E-06	1.11E-06	2.12E-08	5.12E-07	2.07E-08	5.54E-07	3.46E-07	1.04E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
5163	477863.09, 3864877.25	6.41E-07	1.94E-06	1.12E-06	2.14E-08	5.17E-07	2.09E-08	5.59E-07	3.50E-07	1.06E-06	6.11E-07	1.17E-08	2.82E-07	1.14E-08	3.05E-07
5164	478363.09, 3864877.25	6.42E-07	1.94E-06	1.12E-06	2.14E-08	5.18E-07	2.09E-08	5.60E-07	3.51E-07	1.06E-06	6.13E-07	1.17E-08	2.83E-07	1.14E-08	3.06E-07
5165	478863.09, 3864877.25	6.43E-07	1.94E-06	1.12E-06	2.15E-08	5.19E-07	2.10E-08	5.61E-07	3.52E-07	1.06E-06	6.15E-07	1.18E-08	2.84E-07	1.15E-08	3.07E-07
5166	479363.09, 3864877.25	6.40E-07	1.93E-06	1.12E-06	2.14E-08	5.16E-07	2.09E-08	5.58E-07	3.51E-07	1.06E-06	6.13E-07	1.17E-08	2.83E-07	1.14E-08	3.06E-07
5167	479863.09, 3864877.25	6.31E-07	1.90E-06	1.10E-06	2.11E-08	5.09E-07	2.06E-08	5.50E-07	3.47E-07	1.05E-06	6.07E-07	1.16E-08	2.80E-07	1.13E-08	3.03E-07
5168	480363.09, 3864877.25	6.22E-07	1.88E-06	1.09E-06	2.08E-08	5.02E-07	2.03E-08	5.43E-07	3.44E-07	1.04E-06	6.01E-07	1.15E-08	2.77E-07	1.12E-08	3.00E-07
5169	480863.09, 3864877.25	6.04E-07	1.82E-06	1.06E-06	2.02E-08	4.87E-07	1.97E-08	5.27E-07	3.36E-07	1.01E-06	5.86E-07	1.12E-08	2.71E-07	1.09E-08	2.93E-07
5170	481363.09, 3864877.25	6.02E-07	1.82E-06	1.05E-06	2.01E-08	4.85E-07	1.96E-08	5.25E-07	3.36E-07	1.01E-06	5.87E-07	1.12E-08	2.71E-07	1.10E-08	2.93E-07
5171	481863.09, 3864877.25	6.04E-07	1.82E-06	1.06E-06	2.02E-08	4.87E-07	1.97E-08	5.27E-07	3.38E-07	1.02E-06	5.91E-07	1.13E-08	2.73E-07	1.10E-08	2.95E-07
5172	482363.09, 3864877.25	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.89E-07	1.98E-08	5.29E-07	3.40E-07	1.03E-06	5.94E-07	1.14E-08	2.74E-07	1.11E-08	2.97E-07
5173	482863.09, 3864877.25	6.05E-07	1.83E-06	1.06E-06	2.02E-08	4.88E-07	1.97E-08	5.28E-07	3.40E-07	1.03E-06	5.94E-07	1.13E-08	2.74E-07	1.11E-08	2.96E-07
5174	483363.09, 3864877.25	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.93E-08	5.17E-07	3.35E-07	1.01E-06	5.86E-07	1.12E-08	2.70E-07	1.09E-08	2.92E-07
5175	483863.09, 3864877.25	5.70E-07	1.72E-06	9.96E-07	1.90E-08	4.59E-07	1.86E-08	4.97E-07	3.25E-07	9.80E-07	5.67E-07	1.08E-08	2.62E-07	1.06E-08	2.83E-07
5176	484363.09, 3864877.25	5.46E-07	1.65E-06	9.54E-07	1.82E-08	4.40E-07	1.78E-08	4.76E-07	3.14E-07	9.47E-07	5.48E-07	1.05E-08	2.53E-07	1.02E-08	2.74E-07
5177	484863.09, 3864877.25	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07	3.06E-07	9.24E-07	5.35E-07	1.02E-08	2.47E-07	9.98E-09	2.67E-07
5178	485363.09, 3864877.25	5.21E-07	1.57E-06	9.11E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07	3.04E-07	9.18E-07	5.32E-07	1.02E-08	2.45E-07	9.92E-09	2.65E-07
5179	485863.09, 3864877.25	5.03E-07	1.52E-06	8.80E-07	1.68E-08	4.06E-07	1.64E-08	4.39E-07	2.96E-07	8.94E-07	5.17E-07	9.89E-09	2.39E-07	9.66E-09	2.58E-07
5180	486363.09, 3864877.25	4.82E-07	1.45E-06	8.42E-07	1.61E-08	3.89E-07	1.57E-08	4.20E-07	2.86E-07	8.64E-07	5.00E-07	9.56E-09	2.31E-07	9.34E-09	2.50E-07
5181	486863.09, 3864877.25	4.53E-07	1.37E-06	7.92E-07	1.51E-08	3.65E-07	1.48E-08	3.95E-07	2.73E-07	8.24E-07	4.77E-07	9.12E-09	2.20E-07	8.91E-09	2.38E-07
5182	487363.09, 3864877.25	4.50E-07	1.36E-06	7.87E-07	1.50E-08	3.63E-07	1.47E-08	3.93E-07	2.73E-07	8.23E-07	4.77E-07	9.10E-09	2.20E-07	8.90E-09	2.38E-07
5183	487863.09, 3864877.25	4.60E-07	1.39E-06	8.04E-07	1.54E-08	3.71E-07	1.50E-08	4.01E-07	2.79E-07	8.42E-07	4.87E-07	9.31E-09	2.25E-07	9.10E-09	2.43E-07
5184	488363.09, 3864877.25	4.76E-07	1.44E-06	8.32E-07	1.59E-08	3.84E-07	1.55E-08	4.15E-07	2.88E-07	8.71E-07	5.04E-07	9.63E-09	2.33E-07	9.41E-09	2.52E-07
5185	488863.09, 3864877.25	4.97E-07	1.50E-06	8.69E-07	1.66E-08	4.01E-07	1.62E-08	4.34E-07	3.00E-07	9.06E-07	5.25E-07	1.00E-08	2.42E-07	9.79E-09	2.62E-07
5186	489363.09, 3864877.25	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07	3.17E-07	9.56E-07	5.53E-07	1.06E-08	2.55E-07	1.03E-08	2.76E-07
5187	489863.09, 3864877.25	5.87E-07	1.77E-06	1.03E-06	1.96E-08	4.74E-07	1.92E-08	5.12E-07	3.46E-07	1.05E-06	6.05E-07	1.16E-08	2.79E-07	1.13E-08	3.02E-07
5188	490363.09, 3864877.25	6.65E-07	2.01E-06	1.16E-06	2.22E-08	5.36E-07	2.17E-08	5.80E-07	3.85E-07	1.16E-06	6.74E-07	1.29E-08	3.11E-07	1.26E-08	3.36E-07
5189	490863.09, 3864877.25	7.81E-07	2.36E-06	1.37E-06	2.61E-08	6.30E-07	2.55E-08	6.82E-07	4.34E-07	1.31E-06	7.59E-07	1.45E-08	3.50E-07	1.42E-08	3.79E-07
5190	491363.09, 3864877.25	8.07E-07	2.44E-06	1.41E-06	2.70E-08	6.51E-07	2.63E-08	7.04E-07	4.53E-07	1.37E-06	7.93E-07	1.51E-08	3.66E-07	1.48E-08	3.96E-07
5191	491863.09, 3864877.25	8.03E-07	2.43E-06	1.40E-06	2.68E-08	6.48E-07	2.62E-08	7.01E-07	4.43E-07	1.34E-06	7.75E-07	1.48E-08	3.57E-07	1.45E-08	3.87E-07
5192	492363.09, 3864877.25	5.44E-07	1.64E-06	9.51E-07	1.82E-08	4.39E-07	1.78E-08	4.75E-07	2.97E-07	8.96E-07	5.19E-07	9.91E-09	2.39E-07	9.68E-09	2.59E-07
5193	492863.09, 3864877.25	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.05E-07	3.16E-07	9.53E-07	5.52E-07	1.05E-08	2.55E-07	1.03E-08	2.76E-07
5194	493363.09, 3864877.25	5.45E-07	1.65E-06	9.52E-07	1.82E-08	4.39E-07	1.78E-08	4.75E-07	2.99E-07	9.02E-07	5.22E-07	9.98E-09	2.41E-07	9.75E-09	2.61E-07
5195	493863.09, 3864877.25	6.45E-07	1.95E-06	1.13E-06	2.15E-08	5.20E-07	2.11E-08	5.63E-07	3.58E-07	1.08E-06	6.26E-07	1.20E-08	2.89E-07	1.17E-08	3.12E-07
5196	494363.09, 3864877.25	6.57E-07	1.98E-06	1.15E-06	2.19E-08	5.30E-07	2.14E-08	5.73E-07	3.71E-07	1.12E-06	6.48E-07	1.24E-08	2.99E-07	1.21E-08	3.24E-07
5197	494863.09, 3864877.25	6.60E-07	1.99E-06	1.15E-06	2.21E-08	5.33E-07	2.16E-08	5.76E-07	3.75E-07	1.13E-06	6.56E-07	1.25E-08	3.03E-07	1.22E-08	3.27E-07
5198	495363.09, 3864877.25	6.68E-07	2.02E-06	1.17E-06	2.23E-08	5.39E-07	2.18E-08	5.83E-07	3.80E-07	1.15E-06	6.64E-07	1.27E-08	3.07E-07	1.24E-08	3.32E-07
5199	495863.09, 3864877.25	6.66E-07	2.01E-06	1.16E-06	2.23E-08	5.38E-07	2.17E-08	5.82E-07	3.83E-07	1.16E-06	6.69E-07	1.28E-08	3.09E-07	1.25E-08	3.34E-07
5200	496363.09, 3864877.25	6.75E-07	2.04E-06	1.18E-06	2.25E-08	5.44E-07	2.20E-08	5.89E-07	3.84E-07	1.16E-06	6.71E-07	1.28E-08	3.10E-07	1.25E-08	3.35E-07
5201	496863.09, 3864877.25	6.77E-07	2.04E-06	1.18E-06	2.26E-08	5.46E-07	2.21E-08	5.91E-07	3.86E-07	1.17E-06	6.75E-07	1.29E-08	3.12E-07	1.26E-08	3.37E-07
5202	497363.09, 3864877.25	6.85E-07	2.07E-06	1.20E-06	2.29E-08	5.53E-07	2.24E-08	5.98E-07	3.92E-07	1.18E-06	6.86E-07	1.31E-08	3.17E-07	1.28E-08	3.42E-07
5203	497863.09, 3864877.25	6.99E-07	2.11E-06	1.22E-06	2.34E-08	5.64E-07	2.28E-08	6.10E-07	4.02E-07	1.21E-06	7.02E-07	1.34E-08	3.24E-07	1.31E-08	3.51E-07
5204	498363.09, 3864877.25	7.05E-07	2.13E-06	1.23E-06	2.35E-08	5.68E-07	2.30E-08	6.15E-07	4.09E-07	1.24E-06	7.15E-07	1.37E-08	3.30E-07	1.33E-08	3.57E-07

5205	471363.09, 3865377.25	5.45E-07	1.65E-06	9.53E-07	1.82E-08	4.40E-07	1.78E-08	4.76E-07	2.95E-07	8.91E-07	5.16E-07	9.86E-09	2.38E-07	9.63E-09	2.58E-07
5206	471863.09, 3865377.25	5.51E-07	1.66E-06	9.63E-07	1.84E-08	4.44E-07	1.80E-08	4.81E-07	2.98E-07	9.00E-07	5.21E-07	9.96E-09	2.40E-07	9.73E-09	2.60E-07
5207	472363.09, 3865377.25	5.51E-07	1.67E-06	9.64E-07	1.84E-08	4.45E-07	1.80E-08	4.81E-07	2.99E-07	9.02E-07	5.22E-07	9.98E-09	2.41E-07	9.75E-09	2.61E-07
5208	472863.09, 3865377.25	5.58E-07	1.68E-06	9.75E-07	1.86E-08	4.50E-07	1.82E-08	4.87E-07	3.03E-07	9.14E-07	5.29E-07	1.01E-08	2.44E-07	9.88E-09	2.64E-07
5209	473363.09, 3865377.25	5.54E-07	1.67E-06	9.69E-07	1.85E-08	4.47E-07	1.81E-08	4.84E-07	3.01E-07	9.10E-07	5.27E-07	1.01E-08	2.43E-07	9.83E-09	2.63E-07
5210	473863.09, 3865377.25	5.55E-07	1.68E-06	9.71E-07	1.85E-08	4.48E-07	1.81E-08	4.85E-07	3.02E-07	9.12E-07	5.28E-07	1.01E-08	2.44E-07	9.86E-09	2.64E-07
5211	474363.09, 3865377.25	5.57E-07	1.68E-06	9.74E-07	1.86E-08	4.50E-07	1.82E-08	4.86E-07	3.04E-07	9.17E-07	5.31E-07	1.01E-08	2.45E-07	9.91E-09	2.65E-07
5212	474863.09, 3865377.25	5.58E-07	1.69E-06	9.76E-07	1.86E-08	4.50E-07	1.82E-08	4.87E-07	3.05E-07	9.20E-07	5.33E-07	1.02E-08	2.46E-07	9.94E-09	2.66E-07
5213	475363.09, 3865377.25	5.60E-07	1.69E-06	9.79E-07	1.87E-08	4.52E-07	1.83E-08	4.89E-07	3.06E-07	9.25E-07	5.35E-07	1.02E-08	2.47E-07	9.99E-09	2.67E-07
5214	475863.09, 3865377.25	5.66E-07	1.71E-06	9.89E-07	1.89E-08	4.56E-07	1.85E-08	4.94E-07	3.09E-07	9.34E-07	5.41E-07	1.03E-08	2.50E-07	1.01E-08	2.70E-07
5215	476363.09, 3865377.25	5.86E-07	1.77E-06	1.02E-06	1.96E-08	4.73E-07	1.91E-08	5.12E-07	3.20E-07	9.66E-07	5.59E-07	1.07E-08	2.58E-07	1.04E-08	2.79E-07
5216	476863.09, 3865377.25	6.12E-07	1.85E-06	1.07E-06	2.05E-08	4.94E-07	2.00E-08	5.34E-07	3.32E-07	1.00E-06	5.80E-07	1.11E-08	2.68E-07	1.08E-08	2.89E-07
5217	477363.09, 3865377.25	5.98E-07	1.81E-06	1.05E-06	2.00E-08	4.82E-07	1.95E-08	5.22E-07	3.27E-07	9.87E-07	5.71E-07	1.09E-08	2.64E-07	1.07E-08	2.85E-07
5218	477863.09, 3865377.25	5.95E-07	1.80E-06	1.04E-06	1.99E-08	4.80E-07	1.94E-08	5.19E-07	3.26E-07	9.84E-07	5.70E-07	1.09E-08	2.63E-07	1.06E-08	2.84E-07
5219	478363.09, 3865377.25	5.96E-07	1.80E-06	1.04E-06	1.99E-08	4.80E-07	1.94E-08	5.20E-07	3.27E-07	9.86E-07	5.71E-07	1.09E-08	2.63E-07	1.07E-08	2.85E-07
5220	478863.09, 3865377.25	5.87E-07	1.77E-06	1.03E-06	1.96E-08	4.73E-07	1.92E-08	5.12E-07	3.23E-07	9.76E-07	5.65E-07	1.08E-08	2.61E-07	1.05E-08	2.82E-07
5221	479363.09, 3865377.25	5.82E-07	1.76E-06	1.02E-06	1.94E-08	4.70E-07	1.90E-08	5.08E-07	3.21E-07	9.70E-07	5.61E-07	1.07E-08	2.59E-07	1.05E-08	2.80E-07
5222	479863.09, 3865377.25	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.63E-07	1.87E-08	5.00E-07	3.18E-07	9.59E-07	5.55E-07	1.06E-08	2.56E-07	1.04E-08	2.77E-07
5223	480363.09, 3865377.25	5.55E-07	1.68E-06	9.71E-07	1.85E-08	4.48E-07	1.81E-08	4.85E-07	3.10E-07	9.35E-07	5.41E-07	1.03E-08	2.50E-07	1.01E-08	2.70E-07
5224	480863.09, 3865377.25	5.42E-07	1.64E-06	9.48E-07	1.81E-08	4.37E-07	1.77E-08	4.73E-07	3.04E-07	9.18E-07	5.31E-07	1.01E-08	2.45E-07	9.92E-09	2.65E-07
5225	481363.09, 3865377.25	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07	3.04E-07	9.17E-07	5.31E-07	1.01E-08	2.45E-07	9.91E-09	2.65E-07
5226	481863.09, 3865377.25	5.42E-07	1.64E-06	9.47E-07	1.81E-08	4.37E-07	1.77E-08	4.73E-07	3.05E-07	9.22E-07	5.34E-07	1.02E-08	2.46E-07	9.97E-09	2.67E-07
5227	482363.09, 3865377.25	5.44E-07	1.64E-06	9.51E-07	1.82E-08	4.39E-07	1.77E-08	4.75E-07	3.07E-07	9.26E-07	5.36E-07	1.02E-08	2.47E-07	1.00E-08	2.68E-07
5228	482863.09, 3865377.25	5.41E-07	1.63E-06	9.46E-07	1.81E-08	4.37E-07	1.77E-08	4.72E-07	3.06E-07	9.25E-07	5.35E-07	1.02E-08	2.47E-07	9.99E-09	2.67E-07
5229	483363.09, 3865377.25	5.28E-07	1.59E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07	3.01E-07	9.07E-07	5.25E-07	1.00E-08	2.42E-07	9.81E-09	2.62E-07
5230	483863.09, 3865377.25	5.09E-07	1.54E-06	8.90E-07	1.70E-08	4.11E-07	1.66E-08	4.45E-07	2.92E-07	8.82E-07	5.10E-07	9.75E-09	2.36E-07	9.53E-09	2.55E-07
5231	484363.09, 3865377.25	4.90E-07	1.48E-06	8.56E-07	1.64E-08	3.95E-07	1.60E-08	4.27E-07	2.83E-07	8.54E-07	4.94E-07	9.45E-09	2.28E-07	9.23E-09	2.47E-07
5232	484863.09, 3865377.25	4.77E-07	1.44E-06	8.34E-07	1.59E-08	3.85E-07	1.56E-08	4.17E-07	2.78E-07	8.39E-07	4.86E-07	9.28E-09	2.24E-07	9.07E-09	2.42E-07
5233	485363.09, 3865377.25	4.60E-07	1.39E-06	8.04E-07	1.54E-08	3.71E-07	1.50E-08	4.01E-07	2.70E-07	8.15E-07	4.72E-07	9.02E-09	2.18E-07	8.81E-09	2.36E-07
5234	485863.09, 3865377.25	4.47E-07	1.35E-06	7.82E-07	1.49E-08	3.61E-07	1.46E-08	3.90E-07	2.65E-07	8.00E-07	4.63E-07	8.85E-09	2.14E-07	8.64E-09	2.31E-07
5235	486363.09, 3865377.25	4.30E-07	1.30E-06	7.52E-07	1.44E-08	3.47E-07	1.40E-08	3.75E-07	2.57E-07	7.76E-07	4.49E-07	8.58E-09	2.07E-07	8.39E-09	2.24E-07
5236	486863.09, 3865377.25	4.06E-07	1.23E-06	7.10E-07	1.36E-08	3.28E-07	1.33E-08	3.54E-07	2.46E-07	7.43E-07	4.30E-07	8.21E-09	1.98E-07	8.03E-09	2.15E-07
5237	487363.09, 3865377.25	4.02E-07	1.21E-06	7.02E-07	1.34E-08	3.24E-07	1.31E-08	3.51E-07	2.45E-07	7.38E-07	4.27E-07	8.17E-09	1.97E-07	7.98E-09	2.13E-07
5238	487863.09, 3865377.25	4.06E-07	1.22E-06	7.09E-07	1.35E-08	3.27E-07	1.32E-08	3.54E-07	2.47E-07	7.46E-07	4.32E-07	8.25E-09	1.99E-07	8.06E-09	2.16E-07
5239	488363.09, 3865377.25	4.16E-07	1.26E-06	7.27E-07	1.39E-08	3.35E-07	1.36E-08	3.63E-07	2.53E-07	7.64E-07	4.43E-07	8.45E-09	2.04E-07	8.26E-09	2.21E-07
5240	488863.09, 3865377.25	4.33E-07	1.31E-06	7.57E-07	1.45E-08	3.49E-07	1.41E-08	3.78E-07	2.63E-07	7.95E-07	4.60E-07	8.79E-09	2.12E-07	8.59E-09	2.30E-07
5241	489363.09, 3865377.25	4.64E-07	1.40E-06	8.11E-07	1.55E-08	3.74E-07	1.51E-08	4.05E-07	2.80E-07	8.45E-07	4.89E-07	9.34E-09	2.26E-07	9.13E-09	2.44E-07
5242	489863.09, 3865377.25	5.09E-07	1.54E-06	8.90E-07	1.70E-08	4.11E-07	1.66E-08	4.44E-07	3.03E-07	9.14E-07	5.29E-07	1.01E-08	2.44E-07	9.88E-09	2.64E-07
5243	490363.09, 3865377.25	5.92E-07	1.79E-06	1.03E-06	1.98E-08	4.77E-07	1.93E-08	5.16E-07	3.37E-07	1.02E-06	5.90E-07	1.13E-08	2.72E-07	1.10E-08	2.94E-07
5244	490863.09, 3865377.25	6.74E-07	2.03E-06	1.18E-06	2.25E-08	5.43E-07	2.20E-08	5.88E-07	3.76E-07	1.13E-06	6.57E-07	1.25E-08	3.03E-07	1.23E-08	3.28E-07
5245	491363.09, 3865377.25	7.39E-07	2.23E-06	1.29E-06	2.47E-08	5.96E-07	2.41E-08	6.45E-07	4.07E-07	1.23E-06	7.11E-07	1.36E-08	3.28E-07	1.33E-08	3.55E-07
5246	491863.09, 3865377.25	7.52E-07	2.27E-06	1.31E-06	2.51E-08	6.07E-07	2.45E-08	6.56E-07	4.13E-07	1.25E-06	7.22E-07	1.38E-08	3.33E-07	1.35E-08	3.60E-07
5247	492363.09, 3865377.25	7.16E-07	2.16E-06	1.25E-06	2.39E-08	5.78E-07	2.34E-08	6.25E-07	3.88E-07	1.17E-06	6.78E-07	1.30E-08	3.13E-07	1.27E-08	3.39E-07
5248	492863.09, 3865377.25	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07	3.29E-07	9.93E-07	5.75E-07	1.10E-08	2.65E-07	1.07E-08	2.87E-07
5249	493363.09, 3865377.25	5.00E-07	1.51E-06	8.73E-07	1.67E-08	4.03E-07	1.63E-08	4.36E-07	2.74E-07	8.26E-07	4.78E-07	9.14E-09	2.21E-07	8.93E-09	2.39E-07
5250	493863.09, 3865377.25	5.48E-07	1.66E-06	9.58E-07	1.83E-08	4.42E-07	1.79E-08	4.78E-07	3.01E-07	9.09E-07	5.26E-07	1.01E-08	2.43E-07	9.83E-09	2.63E-07
5251	494363.09, 3865377.25	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.62E-07	1.87E-08	5.00E-07	3.18E-07	9.62E-07	5.57E-07	1.06E-08	2.57E-07	1.04E-08	2.78E-07
5252	494863.09, 3865377.25	5.79E-07	1.75E-06	1.01E-06	1.93E-08	4.67E-07	1.89E-08	5.06E-07	3.26E-07	9.84E-07	5.69E-07	1.09E-08	2.63E-07	1.06E-08	2.84E-07
5253	495363.09, 3865377.25	5.87E-07	1.77E-06	1.03E-06	1.96E-08	4.74E-07	1.92E-08	5.12E-07	3.32E-07	1.00E-06	5.80E-07	1.11E-08	2.68E-07	1.08E-08	2.89E-07
5254	495863.09, 3865377.25	5.93E-07	1.79E-06	1.04E-06	1.98E-08	4.78E-07	1.93E-08	5.17E-07	3.37E-07	1.02E-06	5.89E-07	1.13E-08	2.72E-07	1.10E-08	2.94E-07
5255	496363.09, 3865377.25	5.92E-07	1.79E-06	1.03E-06	1.98E-08	4.77E-07	1.93E-08	5.16E-07	3.33E-07	1.01E-06	5.82E-07	1.11E-08	2.69E-07	1.09E-08	2.91E-07
5256	496863.09, 3865377.25	5.99E-07	1.81E-06	1.05E-06	2.00E-08	4.83E-07	1.95E-08	5.23E-07	3.35E-07	1.01E-06	5.86E-07	1.12E-08	2.70E-07	1.09E-08	2.93E-07
5257	497363.09, 3865377.25	6.07E-07	1.83E-06	1.06E-06	2.03E-08	4.90E-07	1.98E-08	5.30E-07	3.44E-07	1.04E-06	6.01E-07	1.15E-08	2.77E-07	1.12E-08	3.00E-07
5258	497863.09, 3865377.25	6.14E-07	1.85E-06	1.07E-06	2.05E-08	4.96E-07	2.00E-08	5.36E-07	3.49E-07	1.05E-06	6.10E-07	1.16E-08	2.81E-07	1.14E-08	3.04E-07
5259	498363.09, 3865377.25	6.21E-07	1.88E-06	1.09E-06	2.07E-08	5.01E-07	2.03E-08	5.42E-07	3.51E-07	1.06E-06	6.14E-07	1.17E-08	2.83E-07	1.15E-08	3.06E-07
5260	471363.09, 3865877.25	5.14E-07	1.55E-06	8.99E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07	2.79E-07	8.42E-07	4.88E-07	9.32E-09	2.25E-07	9.10E-09	2.43E-07
5261	471863.09, 3865877.25	5.16E-07	1.56E-06	9.02E-07	1.72E-08	4.16E-07	1.68E-08	4.50E-07	2.81E-07	8.47E-07	4.90E-07	9.37E-09	2.26E-07	9.15E-09	2.45E-07
5262	472363.09, 3865877.25	5.22E-07	1.58E-06	9.12E-07	1.74E-08	4.21E-07	1.70E-08	4.55E-07	2.84E-07	8.57E-07	4.96E-07	9.47E-09	2.29E-07	9.26E-09	2.48E-07
5263	472863.09, 3865877.25	5.18E-07	1.56E-06	9.05E-07	1.73E-08	4.18E-07	1.69E-08	4.52E-07	2.82E-07	8.52E-07	4.93E-07	9.42E-09	2.28E-07	9.21E-09	2.46E-07
5264	473363.09, 3865877.25	5.19E-07	1.57E-06	9.07E-07	1.73E-08	4.19E-07	1.69E-08	4.53E-07	2.83E-07	8.55E-07	4.95E-07	9.45E-09	2.28E-07	9.24E-09	2.47E-07
5265	473863.09, 3865877.25	5.21E-07	1.57E-06	9.10E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07	2.85E-07	8.60E-07	4.98E-07	9.51E-09	2.30E-07	9.29E-09	2.48E-07
5266	474363.09, 3865877.25	5.22E-07	1.58E-06	9.12E-07	1.74E-08	4.21E-07	1.70E-08	4.55E-07	2.86E-07	8.62E-07	4.99E-07	9.54E-09	2.30E-07	9.32E-09	2.49E-07

5267	474863.09, 3865877.25	5.28E-07	1.60E-06	9.23E-07	1.76E-08	4.26E-07	1.72E-08	4.61E-07	2.89E-07	8.74E-07	5.06E-07	9.66E-09	2.33E-07	9.44E-09	2.52E-07
5268	475363.09, 3865877.25	5.29E-07	1.60E-06	9.25E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07	2.90E-07	8.76E-07	5.07E-07	9.69E-09	2.34E-07	9.47E-09	2.53E-07
5269	475863.09, 3865877.25	5.35E-07	1.62E-06	9.35E-07	1.79E-08	4.32E-07	1.75E-08	4.67E-07	2.94E-07	8.87E-07	5.13E-07	9.81E-09	2.37E-07	9.58E-09	2.56E-07
5270	476363.09, 3865877.25	5.59E-07	1.69E-06	9.77E-07	1.87E-08	4.51E-07	1.82E-08	4.88E-07	3.05E-07	9.22E-07	5.34E-07	1.02E-08	2.46E-07	9.97E-09	2.67E-07
5271	476863.09, 3865877.25	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.65E-07	1.88E-08	5.03E-07	3.13E-07	9.46E-07	5.47E-07	1.05E-08	2.53E-07	1.02E-08	2.73E-07
5272	477363.09, 3865877.25	5.62E-07	1.70E-06	9.83E-07	1.88E-08	4.54E-07	1.83E-08	4.91E-07	3.08E-07	9.31E-07	5.39E-07	1.03E-08	2.49E-07	1.01E-08	2.69E-07
5273	477863.09, 3865877.25	5.53E-07	1.67E-06	9.67E-07	1.85E-08	4.46E-07	1.81E-08	4.83E-07	3.04E-07	9.19E-07	5.32E-07	1.02E-08	2.45E-07	9.93E-09	2.66E-07
5274	478363.09, 3865877.25	5.49E-07	1.66E-06	9.59E-07	1.83E-08	4.43E-07	1.79E-08	4.79E-07	3.03E-07	9.13E-07	5.29E-07	1.01E-08	2.44E-07	9.87E-09	2.64E-07
5275	478863.09, 3865877.25	5.39E-07	1.63E-06	9.43E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07	2.98E-07	9.00E-07	5.21E-07	9.96E-09	2.41E-07	9.73E-09	2.60E-07
5276	479363.09, 3865877.25	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07	2.94E-07	8.88E-07	5.14E-07	9.82E-09	2.37E-07	9.59E-09	2.57E-07
5277	479863.09, 3865877.25	5.16E-07	1.56E-06	9.02E-07	1.72E-08	4.16E-07	1.68E-08	4.50E-07	2.88E-07	8.68E-07	5.03E-07	9.60E-09	2.32E-07	9.38E-09	2.51E-07
5278	480363.09, 3865877.25	5.03E-07	1.52E-06	8.79E-07	1.68E-08	4.06E-07	1.64E-08	4.39E-07	2.82E-07	8.51E-07	4.93E-07	9.41E-09	2.27E-07	9.20E-09	2.46E-07
5279	480863.09, 3865877.25	4.90E-07	1.48E-06	8.56E-07	1.63E-08	3.95E-07	1.60E-08	4.27E-07	2.76E-07	8.33E-07	4.82E-07	9.21E-09	2.22E-07	9.00E-09	2.41E-07
5280	481363.09, 3865877.25	4.87E-07	1.47E-06	8.52E-07	1.63E-08	3.93E-07	1.59E-08	4.25E-07	2.76E-07	8.33E-07	4.82E-07	9.21E-09	2.22E-07	9.00E-09	2.41E-07
5281	481863.09, 3865877.25	4.89E-07	1.48E-06	8.55E-07	1.63E-08	3.94E-07	1.60E-08	4.27E-07	2.77E-07	8.36E-07	4.84E-07	9.25E-09	2.23E-07	9.03E-09	2.42E-07
5282	482363.09, 3865877.25	4.91E-07	1.48E-06	8.58E-07	1.64E-08	3.96E-07	1.60E-08	4.28E-07	2.78E-07	8.40E-07	4.86E-07	9.28E-09	2.24E-07	9.07E-09	2.43E-07
5283	482863.09, 3865877.25	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.89E-07	1.58E-08	4.21E-07	2.75E-07	8.30E-07	4.80E-07	9.18E-09	2.22E-07	8.97E-09	2.40E-07
5284	483363.09, 3865877.25	4.74E-07	1.43E-06	8.28E-07	1.58E-08	3.82E-07	1.55E-08	4.13E-07	2.71E-07	8.19E-07	4.74E-07	9.06E-09	2.19E-07	8.85E-09	2.37E-07
5285	483863.09, 3865877.25	4.59E-07	1.39E-06	8.02E-07	1.53E-08	3.70E-07	1.50E-08	4.00E-07	2.64E-07	7.98E-07	4.62E-07	8.83E-09	2.13E-07	8.63E-09	2.31E-07
5286	484363.09, 3865877.25	4.45E-07	1.34E-06	7.78E-07	1.49E-08	3.59E-07	1.45E-08	3.89E-07	2.58E-07	7.80E-07	4.52E-07	8.63E-09	2.08E-07	8.43E-09	2.25E-07
5287	484863.09, 3865877.25	4.28E-07	1.29E-06	7.48E-07	1.43E-08	3.45E-07	1.40E-08	3.73E-07	2.51E-07	7.57E-07	4.38E-07	8.37E-09	2.02E-07	8.18E-09	2.19E-07
5288	485363.09, 3865877.25	4.10E-07	1.24E-06	7.16E-07	1.37E-08	3.30E-07	1.34E-08	3.57E-07	2.42E-07	7.31E-07	4.23E-07	8.08E-09	1.95E-07	7.90E-09	2.11E-07
5289	485863.09, 3865877.25	4.01E-07	1.21E-06	7.01E-07	1.34E-08	3.23E-07	1.31E-08	3.50E-07	2.39E-07	7.20E-07	4.17E-07	7.97E-09	1.92E-07	7.78E-09	2.08E-07
5290	486363.09, 3865877.25	3.84E-07	1.16E-06	6.72E-07	1.28E-08	3.10E-07	1.25E-08	3.35E-07	2.31E-07	6.97E-07	4.04E-07	7.71E-09	1.86E-07	7.53E-09	2.01E-07
5291	486863.09, 3865877.25	3.73E-07	1.13E-06	6.52E-07	1.25E-08	3.01E-07	1.22E-08	3.26E-07	2.26E-07	6.82E-07	3.95E-07	7.54E-09	1.82E-07	7.37E-09	1.97E-07
5292	487363.09, 3865877.25	3.69E-07	1.11E-06	6.44E-07	1.23E-08	2.97E-07	1.20E-08	3.22E-07	2.24E-07	6.77E-07	3.92E-07	7.49E-09	1.81E-07	7.32E-09	1.96E-07
5293	487863.09, 3865877.25	3.64E-07	1.10E-06	6.36E-07	1.21E-08	2.93E-07	1.19E-08	3.17E-07	2.23E-07	6.73E-07	3.90E-07	7.44E-09	1.80E-07	7.27E-09	1.95E-07
5294	488363.09, 3865877.25	3.65E-07	1.10E-06	6.38E-07	1.22E-08	2.94E-07	1.19E-08	3.18E-07	2.25E-07	6.78E-07	3.92E-07	7.50E-09	1.81E-07	7.33E-09	1.96E-07
5295	488863.09, 3865877.25	3.81E-07	1.15E-06	6.67E-07	1.27E-08	3.08E-07	1.24E-08	3.33E-07	2.34E-07	7.06E-07	4.09E-07	7.81E-09	1.89E-07	7.63E-09	2.04E-07
5296	489363.09, 3865877.25	4.07E-07	1.23E-06	7.11E-07	1.36E-08	3.28E-07	1.33E-08	3.55E-07	2.47E-07	7.47E-07	4.32E-07	8.26E-09	1.99E-07	8.07E-09	2.16E-07
5297	489863.09, 3865877.25	4.46E-07	1.35E-06	7.79E-07	1.49E-08	3.60E-07	1.45E-08	3.89E-07	2.67E-07	8.05E-07	4.66E-07	8.91E-09	2.15E-07	8.70E-09	2.33E-07
5298	490363.09, 3865877.25	5.04E-07	1.52E-06	8.80E-07	1.68E-08	4.06E-07	1.64E-08	4.39E-07	2.93E-07	8.85E-07	5.12E-07	9.79E-09	2.36E-07	9.56E-09	2.56E-07
5299	490863.09, 3865877.25	5.77E-07	1.74E-06	1.01E-06	1.93E-08	4.65E-07	1.88E-08	5.03E-07	3.26E-07	9.83E-07	5.69E-07	1.09E-08	2.63E-07	1.06E-08	2.84E-07
5300	491363.09, 3865877.25	6.51E-07	1.97E-06	1.14E-06	2.17E-08	5.25E-07	2.12E-08	5.68E-07	3.58E-07	1.08E-06	6.27E-07	1.20E-08	2.89E-07	1.17E-08	3.13E-07
5301	491863.09, 3865877.25	6.91E-07	2.09E-06	1.21E-06	2.31E-08	5.57E-07	2.26E-08	6.03E-07	3.78E-07	1.14E-06	6.61E-07	1.26E-08	3.05E-07	1.23E-08	3.30E-07
5302	492363.09, 3865877.25	6.89E-07	2.08E-06	1.21E-06	2.30E-08	5.56E-07	2.25E-08	6.02E-07	3.75E-07	1.13E-06	6.55E-07	1.25E-08	3.02E-07	1.22E-08	3.27E-07
5303	492863.09, 3865877.25	6.19E-07	1.87E-06	1.08E-06	2.07E-08	4.99E-07	2.02E-08	5.40E-07	3.34E-07	1.01E-06	5.83E-07	1.11E-08	2.69E-07	1.09E-08	2.91E-07
5304	493363.09, 3865877.25	5.40E-07	1.63E-06	9.44E-07	1.80E-08	4.36E-07	1.76E-08	4.71E-07	2.94E-07	8.87E-07	5.13E-07	9.81E-09	2.37E-07	9.59E-09	2.56E-07
5305	493863.09, 3865877.25	5.15E-07	1.55E-06	9.00E-07	1.72E-08	4.15E-07	1.68E-08	4.49E-07	2.83E-07	8.54E-07	4.94E-07	9.44E-09	2.28E-07	9.23E-09	2.47E-07
5306	494363.09, 3865877.25	5.21E-07	1.57E-06	9.10E-07	1.74E-08	4.20E-07	1.70E-08	4.54E-07	2.88E-07	8.70E-07	5.03E-07	9.62E-09	2.32E-07	9.40E-09	2.51E-07
5307	494863.09, 3865877.25	5.20E-07	1.57E-06	9.08E-07	1.74E-08	4.19E-07	1.70E-08	4.54E-07	2.93E-07	8.83E-07	5.11E-07	9.77E-09	2.36E-07	9.55E-09	2.55E-07
5308	495363.09, 3865877.25	5.21E-07	1.57E-06	9.11E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07	2.95E-07	8.89E-07	5.15E-07	9.84E-09	2.38E-07	9.61E-09	2.57E-07
5309	495863.09, 3865877.25	5.29E-07	1.60E-06	9.25E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07	2.99E-07	9.01E-07	5.22E-07	9.97E-09	2.41E-07	9.74E-09	2.61E-07
5310	496363.09, 3865877.25	5.30E-07	1.60E-06	9.26E-07	1.77E-08	4.27E-07	1.73E-08	4.62E-07	2.97E-07	8.97E-07	5.19E-07	9.92E-09	2.40E-07	9.70E-09	2.59E-07
5311	496863.09, 3865877.25	5.32E-07	1.61E-06	9.29E-07	1.78E-08	4.29E-07	1.74E-08	4.64E-07	2.96E-07	8.93E-07	5.17E-07	9.88E-09	2.39E-07	9.66E-09	2.58E-07
5312	497363.09, 3865877.25	5.39E-07	1.63E-06	9.43E-07	1.80E-08	4.35E-07	1.76E-08	4.71E-07	3.01E-07	9.08E-07	5.26E-07	1.00E-08	2.43E-07	9.81E-09	2.62E-07
5313	497863.09, 3865877.25	5.43E-07	1.64E-06	9.49E-07	1.81E-08	4.38E-07	1.77E-08	4.74E-07	3.04E-07	9.18E-07	5.32E-07	1.02E-08	2.45E-07	9.92E-09	2.65E-07
5314	498363.09, 3865877.25	5.51E-07	1.66E-06	9.64E-07	1.84E-08	4.45E-07	1.80E-08	4.81E-07	3.06E-07	9.23E-07	5.35E-07	1.02E-08	2.47E-07	9.98E-09	2.67E-07
5315	471363.09, 3866377.25	4.89E-07	1.48E-06	8.55E-07	1.63E-08	3.95E-07	1.60E-08	4.27E-07	2.66E-07	8.03E-07	4.65E-07	8.88E-09	2.15E-07	8.68E-09	2.32E-07
5316	471863.09, 3866377.25	4.90E-07	1.48E-06	8.57E-07	1.64E-08	3.95E-07	1.60E-08	4.28E-07	2.67E-07	8.06E-07	4.67E-07	8.91E-09	2.15E-07	8.71E-09	2.33E-07
5317	472363.09, 3866377.25	4.92E-07	1.49E-06	8.60E-07	1.64E-08	3.97E-07	1.61E-08	4.29E-07	2.68E-07	8.11E-07	4.69E-07	8.97E-09	2.17E-07	8.76E-09	2.34E-07
5318	472863.09, 3866377.25	4.88E-07	1.47E-06	8.53E-07	1.63E-08	3.94E-07	1.59E-08	4.26E-07	2.67E-07	8.06E-07	4.67E-07	8.92E-09	2.15E-07	8.71E-09	2.33E-07
5319	473363.09, 3866377.25	4.89E-07	1.48E-06	8.55E-07	1.63E-08	3.95E-07	1.60E-08	4.27E-07	2.68E-07	8.09E-07	4.68E-07	8.95E-09	2.16E-07	8.74E-09	2.34E-07
5320	473863.09, 3866377.25	4.91E-07	1.48E-06	8.58E-07	1.64E-08	3.96E-07	1.60E-08	4.28E-07	2.69E-07	8.13E-07	4.71E-07	9.00E-09	2.17E-07	8.79E-09	2.35E-07
5321	474363.09, 3866377.25	4.92E-07	1.48E-06	8.59E-07	1.64E-08	3.97E-07	1.60E-08	4.29E-07	2.70E-07	8.16E-07	4.72E-07	9.02E-09	2.18E-07	8.82E-09	2.36E-07
5322	474863.09, 3866377.25	4.92E-07	1.49E-06	8.61E-07	1.64E-08	3.97E-07	1.61E-08	4.30E-07	2.71E-07	8.18E-07	4.73E-07	9.04E-09	2.18E-07	8.84E-09	2.36E-07
5323	475363.09, 3866377.25	4.93E-07	1.49E-06	8.62E-07	1.65E-08	3.98E-07	1.61E-08	4.30E-07	2.71E-07	8.20E-07	4.75E-07	9.07E-09	2.19E-07	8.86E-09	2.37E-07
5324	475863.09, 3866377.25	4.99E-07	1.51E-06	8.71E-07	1.66E-08	4.02E-07	1.63E-08	4.35E-07	2.75E-07	8.29E-07	4.80E-07	9.17E-09	2.21E-07	8.96E-09	2.40E-07
5325	476363.09, 3866377.25	5.19E-07	1.57E-06	9.07E-07	1.73E-08	4.18E-07	1.69E-08	4.53E-07	2.85E-07	8.60E-07	4.98E-07	9.51E-09	2.30E-07	9.29E-09	2.48E-07
5326	476863.09, 3866377.25	5.39E-07	1.63E-06	9.42E-07	1.80E-08	4.35E-07	1.76E-08	4.70E-07	2.93E-07	8.84E-07	5.12E-07	9.78E-09	2.36E-07	9.55E-09	2.56E-07
5327	477363.09, 3866377.25	5.33E-07	1.61E-06	9.32E-07	1.78E-08	4.30E-07	1.74E-08	4.65E-07	2.92E-07	8.81E-07	5.10E-07	9.74E-09	2.35E-07	9.52E-09	2.55E-07
5328	477863.09, 3866377.25	5.16E-07	1.56E-06	9.02E-07	1.72E-08	4.16E-07	1.68E-08	4.51E-07	2.85E-07	8.60E-07	4.98E-07	9.51E-09	2.30E-07	9.30E-09	2.49E-07

5329	478363.09, 3866377.25	5.06E-07	1.53E-06	8.84E-07	1.69E-08	4.08E-07	1.65E-08	4.42E-07	2.80E-07	8.45E-07	4.89E-07	9.35E-09	2.26E-07	9.13E-09	2.44E-07
5330	478863.09, 3866377.25	4.97E-07	1.50E-06	8.68E-07	1.66E-08	4.01E-07	1.62E-08	4.33E-07	2.76E-07	8.32E-07	4.82E-07	9.21E-09	2.22E-07	9.00E-09	2.41E-07
5331	479363.09, 3866377.25	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.89E-07	1.58E-08	4.21E-07	2.69E-07	8.13E-07	4.71E-07	8.99E-09	2.17E-07	8.79E-09	2.35E-07
5332	479863.09, 3866377.25	4.69E-07	1.42E-06	8.20E-07	1.57E-08	3.78E-07	1.53E-08	4.09E-07	2.63E-07	7.94E-07	4.60E-07	8.78E-09	2.12E-07	8.58E-09	2.29E-07
5333	480363.09, 3866377.25	4.56E-07	1.38E-06	7.96E-07	1.52E-08	3.67E-07	1.49E-08	3.98E-07	2.57E-07	7.75E-07	4.49E-07	8.57E-09	2.07E-07	8.38E-09	2.24E-07
5334	480863.09, 3866377.25	4.43E-07	1.34E-06	7.74E-07	1.48E-08	3.57E-07	1.45E-08	3.87E-07	2.51E-07	7.59E-07	4.39E-07	8.39E-09	2.03E-07	8.20E-09	2.19E-07
5335	481363.09, 3866377.25	4.45E-07	1.34E-06	7.78E-07	1.49E-08	3.59E-07	1.45E-08	3.89E-07	2.53E-07	7.64E-07	4.42E-07	8.45E-09	2.04E-07	8.26E-09	2.21E-07
5336	481863.09, 3866377.25	4.47E-07	1.35E-06	7.81E-07	1.49E-08	3.60E-07	1.46E-08	3.90E-07	2.54E-07	7.68E-07	4.44E-07	8.49E-09	2.05E-07	8.30E-09	2.22E-07
5337	482363.09, 3866377.25	4.43E-07	1.34E-06	7.75E-07	1.48E-08	3.58E-07	1.45E-08	3.87E-07	2.53E-07	7.63E-07	4.42E-07	8.44E-09	2.04E-07	8.25E-09	2.21E-07
5338	482863.09, 3866377.25	4.39E-07	1.32E-06	7.67E-07	1.47E-08	3.54E-07	1.43E-08	3.83E-07	2.51E-07	7.58E-07	4.39E-07	8.38E-09	2.02E-07	8.19E-09	2.19E-07
5339	483363.09, 3866377.25	4.34E-07	1.31E-06	7.58E-07	1.45E-08	3.50E-07	1.42E-08	3.78E-07	2.49E-07	7.52E-07	4.35E-07	8.31E-09	2.01E-07	8.12E-09	2.17E-07
5340	483863.09, 3866377.25	4.24E-07	1.28E-06	7.42E-07	1.42E-08	3.42E-07	1.39E-08	3.70E-07	2.45E-07	7.40E-07	4.28E-07	8.18E-09	1.98E-07	8.00E-09	2.14E-07
5341	484363.09, 3866377.25	4.05E-07	1.22E-06	7.08E-07	1.35E-08	3.27E-07	1.32E-08	3.54E-07	2.36E-07	7.12E-07	4.12E-07	7.87E-09	1.90E-07	7.69E-09	2.06E-07
5342	484863.09, 3866377.25	3.88E-07	1.17E-06	6.78E-07	1.30E-08	3.13E-07	1.27E-08	3.39E-07	2.28E-07	6.89E-07	3.99E-07	7.62E-09	1.84E-07	7.44E-09	1.99E-07
5343	485363.09, 3866377.25	3.65E-07	1.10E-06	6.37E-07	1.22E-08	2.94E-07	1.19E-08	3.18E-07	2.17E-07	6.55E-07	3.79E-07	7.25E-09	1.75E-07	7.08E-09	1.89E-07
5344	485863.09, 3866377.25	3.61E-07	1.09E-06	6.31E-07	1.21E-08	2.91E-07	1.18E-08	3.15E-07	2.16E-07	6.52E-07	3.77E-07	7.21E-09	1.74E-07	7.05E-09	1.88E-07
5345	486363.09, 3866377.25	3.55E-07	1.07E-06	6.20E-07	1.19E-08	2.86E-07	1.16E-08	3.10E-07	2.14E-07	6.45E-07	3.74E-07	7.14E-09	1.72E-07	6.97E-09	1.86E-07
5346	486863.09, 3866377.25	3.49E-07	1.05E-06	6.10E-07	1.16E-08	2.81E-07	1.14E-08	3.04E-07	2.11E-07	6.38E-07	3.69E-07	7.06E-09	1.71E-07	6.90E-09	1.84E-07
5347	487363.09, 3866377.25	3.49E-07	1.05E-06	6.10E-07	1.16E-08	2.81E-07	1.14E-08	3.04E-07	2.12E-07	6.41E-07	3.71E-07	7.08E-09	1.71E-07	6.92E-09	1.85E-07
5348	487863.09, 3866377.25	3.42E-07	1.03E-06	5.98E-07	1.14E-08	2.76E-07	1.12E-08	2.98E-07	2.09E-07	6.30E-07	3.65E-07	6.97E-09	1.68E-07	6.81E-09	1.82E-07
5349	488363.09, 3866377.25	3.33E-07	1.01E-06	5.82E-07	1.11E-08	2.69E-07	1.09E-08	2.91E-07	2.05E-07	6.20E-07	3.59E-07	6.85E-09	1.66E-07	6.70E-09	1.79E-07
5350	488863.09, 3866377.25	3.39E-07	1.02E-06	5.93E-07	1.13E-08	2.74E-07	1.11E-08	2.96E-07	2.07E-07	6.24E-07	3.62E-07	6.91E-09	1.67E-07	6.75E-09	1.80E-07
5351	489363.09, 3866377.25	3.65E-07	1.10E-06	6.38E-07	1.22E-08	2.94E-07	1.19E-08	3.19E-07	2.18E-07	6.59E-07	3.82E-07	7.29E-09	1.76E-07	7.12E-09	1.90E-07
5352	489863.09, 3866377.25	4.00E-07	1.21E-06	6.99E-07	1.34E-08	3.23E-07	1.30E-08	3.49E-07	2.33E-07	7.05E-07	4.08E-07	7.80E-09	1.88E-07	7.62E-09	2.04E-07
5353	490363.09, 3866377.25	4.38E-07	1.32E-06	7.66E-07	1.46E-08	3.53E-07	1.43E-08	3.82E-07	2.57E-07	7.76E-07	4.49E-07	8.58E-09	2.07E-07	8.39E-09	2.24E-07
5354	490863.09, 3866377.25	4.91E-07	1.48E-06	8.59E-07	1.64E-08	3.96E-07	1.60E-08	4.29E-07	2.84E-07	8.58E-07	4.96E-07	9.48E-09	2.29E-07	9.27E-09	2.48E-07
5355	491363.09, 3866377.25	5.59E-07	1.69E-06	9.77E-07	1.87E-08	4.51E-07	1.82E-08	4.88E-07	3.15E-07	9.51E-07	5.51E-07	1.05E-08	2.54E-07	1.03E-08	2.75E-07
5356	491863.09, 3866377.25	6.20E-07	1.87E-06	1.08E-06	2.07E-08	5.00E-07	2.02E-08	5.41E-07	3.38E-07	1.02E-06	5.90E-07	1.13E-08	2.72E-07	1.10E-08	2.95E-07
5357	492363.09, 3866377.25	6.43E-07	1.94E-06	1.12E-06	2.15E-08	5.19E-07	2.10E-08	5.61E-07	3.49E-07	1.05E-06	6.10E-07	1.17E-08	2.81E-07	1.14E-08	3.05E-07
5358	492863.09, 3866377.25	6.20E-07	1.87E-06	1.08E-06	2.07E-08	5.00E-07	2.02E-08	5.41E-07	3.35E-07	1.01E-06	5.85E-07	1.12E-08	2.70E-07	1.09E-08	2.92E-07
5359	493363.09, 3866377.25	5.73E-07	1.73E-06	1.00E-06	1.91E-08	4.63E-07	1.87E-08	5.00E-07	3.12E-07	9.41E-07	5.45E-07	1.04E-08	2.51E-07	1.02E-08	2.72E-07
5360	493863.09, 3866377.25	5.21E-07	1.57E-06	9.11E-07	1.74E-08	4.20E-07	1.70E-08	4.55E-07	2.87E-07	8.65E-07	5.01E-07	9.57E-09	2.31E-07	9.35E-09	2.50E-07
5361	494363.09, 3866377.25	4.82E-07	1.46E-06	8.43E-07	1.61E-08	3.89E-07	1.57E-08	4.21E-07	2.69E-07	8.13E-07	4.71E-07	8.99E-09	2.17E-07	8.79E-09	2.35E-07
5362	494863.09, 3866377.25	4.72E-07	1.42E-06	8.24E-07	1.58E-08	3.80E-07	1.54E-08	4.12E-07	2.64E-07	7.97E-07	4.61E-07	8.81E-09	2.13E-07	8.61E-09	2.30E-07
5363	495363.09, 3866377.25	4.69E-07	1.42E-06	8.19E-07	1.57E-08	3.78E-07	1.53E-08	4.09E-07	2.62E-07	7.90E-07	4.58E-07	8.74E-09	2.11E-07	8.54E-09	2.28E-07
5364	495863.09, 3866377.25	4.72E-07	1.42E-06	8.24E-07	1.57E-08	3.80E-07	1.54E-08	4.11E-07	2.63E-07	7.94E-07	4.60E-07	8.79E-09	2.12E-07	8.59E-09	2.30E-07
5365	496363.09, 3866377.25	4.81E-07	1.45E-06	8.40E-07	1.60E-08	3.88E-07	1.57E-08	4.19E-07	2.68E-07	8.09E-07	4.68E-07	8.94E-09	2.16E-07	8.74E-09	2.34E-07
5366	496863.09, 3866377.25	4.83E-07	1.46E-06	8.44E-07	1.61E-08	3.90E-07	1.58E-08	4.21E-07	2.68E-07	8.09E-07	4.68E-07	8.95E-09	2.16E-07	8.74E-09	2.34E-07
5367	497363.09, 3866377.25	4.84E-07	1.46E-06	8.45E-07	1.62E-08	3.90E-07	1.58E-08	4.22E-07	2.68E-07	8.09E-07	4.68E-07	8.95E-09	2.16E-07	8.74E-09	2.34E-07
5368	497863.09, 3866377.25	4.86E-07	1.47E-06	8.49E-07	1.62E-08	3.92E-07	1.59E-08	4.24E-07	2.69E-07	8.14E-07	4.71E-07	9.00E-09	2.17E-07	8.79E-09	2.35E-07
5369	498363.09, 3866377.25	4.86E-07	1.47E-06	8.49E-07	1.62E-08	3.92E-07	1.58E-08	4.24E-07	2.67E-07	8.06E-07	4.66E-07	8.91E-09	2.15E-07	8.71E-09	2.33E-07
5370	474494.92, 3848334.16	2.72E-05	8.20E-05	4.75E-05	9.07E-07	2.19E-05	8.86E-07	2.37E-05	2.52E-05	7.61E-05	4.41E-05	8.42E-07	2.03E-05	8.22E-07	2.20E-05
5371	475167.27, 3848920.79	3.68E-05	1.11E-04	6.43E-05	1.23E-06	2.97E-05	1.20E-06	3.21E-05	3.21E-05	9.69E-05	5.61E-05	1.07E-06	2.59E-05	1.05E-06	2.80E-05
5372	475297.89, 3848997.96	3.20E-05	9.67E-05	5.60E-05	1.07E-06	2.58E-05	1.04E-06	2.79E-05	2.66E-05	8.02E-05	4.64E-05	8.87E-07	2.14E-05	8.67E-07	2.32E-05
5373	475439.05, 3849062	3.75E-05	1.13E-04	6.55E-05	1.25E-06	3.02E-05	1.22E-06	3.27E-05	3.10E-05	9.37E-05	5.42E-05	1.04E-06	2.50E-05	1.01E-06	2.71E-05
5374	475486.86, 3849061.09	2.94E-05	8.89E-05	5.15E-05	9.83E-07	2.38E-05	9.61E-07	2.57E-05	2.38E-05	7.17E-05	4.15E-05	7.93E-07	1.92E-05	7.75E-07	2.07E-05
5375	475538.46, 3849075.56	3.01E-05	9.08E-05	5.26E-05	1.00E-06	2.43E-05	9.82E-07	2.63E-05	2.42E-05	7.31E-05	4.23E-05	8.08E-07	1.95E-05	7.90E-07	2.11E-05
5376	475751.79, 3849137.15	3.87E-05	1.17E-04	6.76E-05	1.29E-06	3.12E-05	1.26E-06	3.38E-05	3.29E-05	9.93E-05	5.75E-05	1.10E-06	2.65E-05	1.07E-06	2.87E-05
5377	476303.62, 3849223.38	3.55E-05	1.07E-04	6.20E-05	1.19E-06	2.86E-05	1.16E-06	3.10E-05	3.01E-05	9.08E-05	5.26E-05	1.00E-06	2.43E-05	9.82E-07	2.62E-05
5378	476304.51, 3849238.92	4.71E-05	1.42E-04	8.23E-05	1.57E-06	3.80E-05	1.54E-06	4.11E-05	4.07E-05	1.23E-04	7.11E-05	1.36E-06	3.28E-05	1.33E-06	3.55E-05
5379	476365.04, 3849247.98	4.25E-05	1.28E-04	7.44E-05	1.42E-06	3.43E-05	1.39E-06	3.71E-05	3.66E-05	1.10E-04	6.39E-05	1.22E-06	2.95E-05	1.19E-06	3.19E-05
5380	476444.86, 3849267.13	4.28E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.40E-06	3.73E-05	3.67E-05	1.11E-04	6.41E-05	1.23E-06	2.96E-05	1.20E-06	3.20E-05
5381	476550.75, 3849300.66	4.89E-05	1.48E-04	8.55E-05	1.63E-06	3.95E-05	1.60E-06	4.27E-05	4.27E-05	1.29E-04	7.46E-05	1.43E-06	3.44E-05	1.39E-06	3.73E-05
5382	476656.71, 3849346.88	4.46E-05	1.35E-04	7.80E-05	1.49E-06	3.60E-05	1.46E-06	3.89E-05	3.81E-05	1.15E-04	6.65E-05	1.27E-06	3.07E-05	1.24E-06	3.32E-05
5383	476873.55, 3849454.53	4.61E-05	1.39E-04	8.06E-05	1.54E-06	3.72E-05	1.50E-06	4.02E-05	3.88E-05	1.17E-04	6.78E-05	1.29E-06	3.13E-05	1.27E-06	3.38E-05
5384	477700, 3849859.7	5.05E-05	1.53E-04	8.83E-05	1.69E-06	4.07E-05	1.65E-06	4.41E-05	4.07E-05	1.23E-04	7.12E-05	1.36E-06	3.28E-05	1.33E-06	3.55E-05
5385	477743.16, 3849856.38	3.96E-05	1.19E-04	6.91E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	3.07E-05	9.27E-05	5.37E-05	1.03E-06	2.48E-05	1.00E-06	2.68E-05
5386	478477.35, 3850216.33	4.48E-05	1.35E-04	7.83E-05	1.50E-06	3.62E-05	1.46E-06	3.91E-05	3.38E-05	1.02E-04	5.91E-05	1.13E-06	2.73E-05	1.10E-06	2.95E-05
5387	478485.8, 3850201.6	3.68E-05	1.11E-04	6.43E-05	1.23E-06	2.97E-05	1.20E-06	3.21E-05	2.71E-05	8.18E-05	4.74E-05	9.05E-07	2.19E-05	8.84E-07	2.36E-05
5388	479113.21, 3850501.53	4.44E-05	1.34E-04	7.76E-05	1.48E-06	3.58E-05	1.45E-06	3.87E-05	3.01E-05	9.08E-05	5.26E-05	1.00E-06	2.43E-05	9.82E-07	2.63E-05
5389	479108.11, 3850382.28	1.92E-05	5.80E-05	3.36E-05	6.42E-07	1.55E-05	6.27E-07	1.68E-05	1.28E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05
5390	479689.85, 3850674.28	3.58E-05	1.08E-04	6.25E-05	1.19E-06	2.88E-05	1.17E-06	3.12E-05	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05

5391	479952.42, 3850774.28	2.60E-05	7.84E-05	4.54E-05	8.67E-07	2.10E-05	8.48E-07	2.27E-05	1.57E-05	4.74E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05
5392	479911.32, 3850884.85	3.99E-05	1.21E-04	6.98E-05	1.33E-06	3.22E-05	1.30E-06	3.49E-05	2.74E-05	8.28E-05	4.79E-05	9.16E-07	2.21E-05	8.95E-07	2.39E-05
5393	480500.92, 3851178.12	3.79E-05	1.14E-04	6.62E-05	1.26E-06	3.05E-05	1.24E-06	3.30E-05	2.66E-05	8.04E-05	4.65E-05	8.89E-07	2.15E-05	8.69E-07	2.32E-05
5394	480738.01, 3851289.27	3.71E-05	1.12E-04	6.49E-05	1.24E-06	3.00E-05	1.21E-06	3.24E-05	2.58E-05	7.78E-05	4.50E-05	8.60E-07	2.08E-05	8.41E-07	2.25E-05
5395	481055.42, 3851443.58	3.75E-05	1.13E-04	6.56E-05	1.25E-06	3.03E-05	1.22E-06	3.27E-05	2.57E-05	7.75E-05	4.49E-05	8.58E-07	2.07E-05	8.38E-07	2.24E-05
5396	481110.22, 3851443.15	2.93E-05	8.84E-05	5.12E-05	9.78E-07	2.36E-05	9.55E-07	2.55E-05	1.99E-05	6.00E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05
5397	481111.1, 3851417.45	2.32E-05	7.00E-05	4.05E-05	7.75E-07	1.87E-05	7.57E-07	2.02E-05	1.59E-05	4.79E-05	2.77E-05	5.29E-07	1.28E-05	5.17E-07	1.38E-05
5398	482248.44, 3852605.09	3.32E-05	1.00E-04	5.81E-05	1.11E-06	2.68E-05	1.08E-06	2.90E-05	2.48E-05	7.49E-05	4.33E-05	8.28E-07	2.00E-05	8.09E-07	2.16E-05
5399	482273.34, 3852632.31	3.37E-05	1.02E-04	5.88E-05	1.12E-06	2.72E-05	1.10E-06	2.94E-05	2.52E-05	7.61E-05	4.40E-05	8.41E-07	2.03E-05	8.22E-07	2.20E-05
5400	482665.46, 3853038.72	3.39E-05	1.02E-04	5.92E-05	1.13E-06	2.73E-05	1.11E-06	2.96E-05	2.35E-05	7.08E-05	4.10E-05	7.83E-07	1.89E-05	7.65E-07	2.05E-05
5401	483077.95, 3853844.31	3.95E-05	1.19E-04	6.91E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	2.14E-05	6.47E-05	3.74E-05	7.15E-07	1.73E-05	6.99E-07	1.87E-05
5402	483121.38, 3853909.38	4.54E-05	1.37E-04	7.93E-05	1.51E-06	3.66E-05	1.48E-06	3.96E-05	2.40E-05	7.24E-05	4.19E-05	8.01E-07	1.93E-05	7.83E-07	2.09E-05
5403	483492.64, 3853911.49	2.96E-05	8.94E-05	5.18E-05	9.89E-07	2.39E-05	9.67E-07	2.58E-05	1.53E-05	4.62E-05	2.67E-05	5.11E-07	1.23E-05	4.99E-07	1.33E-05
5404	483498.29, 3854204.73	4.71E-05	1.42E-04	8.23E-05	1.57E-06	3.80E-05	1.54E-06	4.11E-05	2.38E-05	7.20E-05	4.17E-05	7.96E-07	1.92E-05	7.78E-07	2.08E-05
5405	484132.44, 3854662.55	5.54E-05	1.67E-04	9.69E-05	1.85E-06	4.47E-05	1.81E-06	4.84E-05	2.75E-05	8.30E-05	4.80E-05	9.18E-07	2.22E-05	8.97E-07	2.40E-05
5406	484627.62, 3854876.13	5.57E-05	1.68E-04	9.73E-05	1.86E-06	4.49E-05	1.82E-06	4.86E-05	2.75E-05	8.32E-05	4.82E-05	9.20E-07	2.22E-05	8.99E-07	2.40E-05
5407	484756.14, 3854949.04	5.46E-05	1.65E-04	9.55E-05	1.82E-06	4.41E-05	1.78E-06	4.77E-05	2.71E-05	8.17E-05	4.73E-05	9.03E-07	2.18E-05	8.83E-07	2.36E-05
5408	486697.51, 3856599.17	5.11E-05	1.54E-04	8.94E-05	1.71E-06	4.13E-05	1.67E-06	4.46E-05	2.54E-05	7.68E-05	4.45E-05	8.49E-07	2.05E-05	8.30E-07	2.22E-05
5409	487105.31, 3856962.27	5.58E-05	1.68E-04	9.75E-05	1.86E-06	4.50E-05	1.82E-06	4.87E-05	2.78E-05	8.38E-05	4.85E-05	9.27E-07	2.24E-05	9.06E-07	2.42E-05
5410	487157.57, 3856901.7	4.67E-05	1.41E-04	8.17E-05	1.56E-06	3.77E-05	1.52E-06	4.08E-05	2.33E-05	7.04E-05	4.07E-05	7.78E-07	1.88E-05	7.61E-07	2.03E-05
5411	487173.5, 3856853.74	4.19E-05	1.26E-04	7.32E-05	1.40E-06	3.38E-05	1.37E-06	3.65E-05	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05
5412	487564.41, 3856860.83	3.72E-05	1.12E-04	6.51E-05	1.24E-06	3.00E-05	1.22E-06	3.25E-05	1.86E-05	5.62E-05	3.25E-05	6.22E-07	1.50E-05	6.07E-07	1.62E-05
5413	487563.31, 3856931.58	4.51E-05	1.36E-04	7.88E-05	1.51E-06	3.64E-05	1.47E-06	3.93E-05	2.24E-05	6.78E-05	3.92E-05	7.49E-07	1.81E-05	7.32E-07	1.96E-05
5414	487782.7, 3856926.85	3.92E-05	1.18E-04	6.85E-05	1.31E-06	3.16E-05	1.28E-06	3.42E-05	1.95E-05	5.90E-05	3.42E-05	6.52E-07	1.58E-05	6.38E-07	1.71E-05
5415	487782.39, 3856757.07	2.75E-05	8.30E-05	4.81E-05	9.18E-07	2.22E-05	8.97E-07	2.40E-05	1.38E-05	4.17E-05	2.41E-05	4.61E-07	1.11E-05	4.51E-07	1.21E-05
5416	487917.26, 3856752.41	2.67E-05	8.07E-05	4.67E-05	8.93E-07	2.16E-05	8.72E-07	2.33E-05	1.34E-05	4.05E-05	2.35E-05	4.48E-07	1.08E-05	4.38E-07	1.17E-05
5417	487919.57, 3856953.35	3.70E-05	1.12E-04	6.46E-05	1.24E-06	2.98E-05	1.21E-06	3.23E-05	1.85E-05	5.58E-05	3.23E-05	6.17E-07	1.49E-05	6.03E-07	1.61E-05
5418	487932.76, 3857000.32	3.87E-05	1.17E-04	6.77E-05	1.29E-06	3.13E-05	1.26E-06	3.38E-05	1.93E-05	5.84E-05	3.38E-05	6.46E-07	1.56E-05	6.31E-07	1.69E-05
5419	487960.5, 3857044.75	3.97E-05	1.20E-04	6.93E-05	1.32E-06	3.20E-05	1.29E-06	3.46E-05	1.98E-05	5.97E-05	3.46E-05	6.61E-07	1.60E-05	6.45E-07	1.73E-05
5420	488016.54, 3857089.54	3.93E-05	1.19E-04	6.87E-05	1.31E-06	3.17E-05	1.28E-06	3.43E-05	1.96E-05	5.92E-05	3.43E-05	6.55E-07	1.58E-05	6.40E-07	1.71E-05
5421	488114.39, 3857165.47	3.82E-05	1.15E-04	6.67E-05	1.27E-06	3.08E-05	1.24E-06	3.33E-05	1.91E-05	5.76E-05	3.33E-05	6.37E-07	1.54E-05	6.22E-07	1.66E-05
5422	488171.49, 3857234.24	3.76E-05	1.13E-04	6.57E-05	1.25E-06	3.03E-05	1.23E-06	3.28E-05	1.88E-05	5.67E-05	3.28E-05	6.28E-07	1.52E-05	6.13E-07	1.64E-05
5423	488193.16, 3857297.8	3.75E-05	1.13E-04	6.56E-05	1.25E-06	3.03E-05	1.23E-06	3.28E-05	1.88E-05	5.68E-05	3.29E-05	6.28E-07	1.52E-05	6.14E-07	1.64E-05
5424	488189.27, 3857649.94	3.93E-05	1.19E-04	6.87E-05	1.31E-06	3.17E-05	1.28E-06	3.43E-05	1.98E-05	5.99E-05	3.47E-05	6.62E-07	1.60E-05	6.47E-07	1.73E-05
5425	488127.43, 3857732.32	4.24E-05	1.28E-04	7.42E-05	1.42E-06	3.42E-05	1.39E-06	3.70E-05	2.15E-05	6.48E-05	3.75E-05	7.17E-07	1.73E-05	7.00E-07	1.87E-05
5426	488149.93, 3857752.94	4.05E-05	1.22E-04	7.08E-05	1.35E-06	3.27E-05	1.32E-06	3.53E-05	2.05E-05	6.19E-05	3.59E-05	6.85E-07	1.65E-05	6.69E-07	1.79E-05
5427	488144.76, 3857758.71	4.09E-05	1.24E-04	7.15E-05	1.37E-06	3.30E-05	1.34E-06	3.57E-05	2.07E-05	6.26E-05	3.62E-05	6.92E-07	1.67E-05	6.76E-07	1.81E-05
5428	488335.58, 3857932.55	3.83E-05	1.16E-04	6.70E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	1.96E-05	5.91E-05	3.42E-05	6.53E-07	1.58E-05	6.38E-07	1.71E-05
5429	488372.29, 3857943.79	3.70E-05	1.12E-04	6.47E-05	1.24E-06	2.99E-05	1.21E-06	3.23E-05	1.89E-05	5.72E-05	3.31E-05	6.32E-07	1.53E-05	6.18E-07	1.65E-05
5430	488828.64, 3857936.4	2.61E-05	7.87E-05	4.56E-05	8.70E-07	2.10E-05	8.51E-07	2.27E-05	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.37E-07	1.17E-05
5431	488829.08, 3857959.58	2.68E-05	8.08E-05	4.68E-05	8.94E-07	2.16E-05	8.73E-07	2.34E-05	1.38E-05	4.15E-05	2.40E-05	4.59E-07	1.11E-05	4.49E-07	1.20E-05
5432	488351.61, 3857964.55	3.96E-05	1.20E-04	6.92E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	2.02E-05	6.10E-05	3.53E-05	6.75E-07	1.63E-05	6.59E-07	1.76E-05
5433	488316.87, 3857947.65	4.06E-05	1.23E-04	7.10E-05	1.36E-06	3.28E-05	1.32E-06	3.54E-05	2.07E-05	6.25E-05	3.62E-05	6.91E-07	1.67E-05	6.75E-07	1.81E-05
5434	488129.1, 3857775.77	4.24E-05	1.28E-04	7.41E-05	1.42E-06	3.42E-05	1.38E-06	3.70E-05	2.15E-05	6.48E-05	3.75E-05	7.17E-07	1.73E-05	7.00E-07	1.87E-05
5435	488062.53, 3857846.13	5.80E-05	1.75E-04	1.01E-04	1.94E-06	4.68E-05	1.89E-06	5.06E-05	2.92E-05	8.81E-05	5.10E-05	9.74E-07	2.35E-05	9.52E-07	2.54E-05
5436	488330.41, 3858091.34	5.98E-05	1.80E-04	1.04E-04	2.00E-06	4.82E-05	1.95E-06	5.22E-05	3.02E-05	9.13E-05	5.28E-05	1.01E-06	2.44E-05	9.87E-07	2.64E-05
5437	488470.87, 3858174.45	5.49E-05	1.66E-04	9.60E-05	1.83E-06	4.43E-05	1.79E-06	4.79E-05	2.79E-05	8.43E-05	4.88E-05	9.32E-07	2.25E-05	9.11E-07	2.44E-05
5438	488568.9, 3858262.31	6.10E-05	1.84E-04	1.07E-04	2.04E-06	4.92E-05	1.99E-06	5.32E-05	3.10E-05	9.35E-05	5.41E-05	1.03E-06	2.50E-05	1.01E-06	2.70E-05
5439	488964.27, 3858025.71	3.43E-05	1.03E-04	5.99E-05	1.14E-06	2.76E-05	1.12E-06	2.99E-05	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05
5440	489147.25, 3857956.64	3.18E-05	9.60E-05	5.56E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	1.61E-05	4.86E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05
5441	489343.52, 3857932.45	3.36E-05	1.01E-04	5.87E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	1.69E-05	5.11E-05	2.96E-05	5.65E-07	1.36E-05	5.52E-07	1.48E-05
5442	489866.19, 3857923.19	3.21E-05	9.68E-05	5.60E-05	1.07E-06	2.59E-05	1.05E-06	2.80E-05	1.61E-05	4.85E-05	2.81E-05	5.37E-07	1.30E-05	5.24E-07	1.40E-05
5443	489955.65, 3857902.27	2.95E-05	8.90E-05	5.15E-05	9.84E-07	2.38E-05	9.61E-07	2.57E-05	1.48E-05	4.47E-05	2.59E-05	4.94E-07	1.19E-05	4.83E-07	1.29E-05
5444	490079.44, 3857847.9	2.18E-05	6.59E-05	3.82E-05	7.29E-07	1.76E-05	7.13E-07	1.91E-05	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.92E-06	3.61E-07	9.65E-06
5445	490108.49, 3857934.13	2.54E-05	7.67E-05	4.44E-05	8.48E-07	2.05E-05	8.29E-07	2.22E-05	1.28E-05	3.87E-05	2.24E-05	4.27E-07	1.03E-05	4.18E-07	1.12E-05
5446	489884.48, 3858014.17	2.36E-05	7.14E-05	4.13E-05	7.89E-07	1.91E-05	7.71E-07	2.06E-05	1.20E-05	3.62E-05	2.10E-05	4.01E-07	9.68E-06	3.91E-07	1.05E-05
5447	489326.56, 3858025.86	3.12E-05	9.43E-05	5.46E-05	1.04E-06	2.52E-05	1.02E-06	2.72E-05	1.58E-05	4.77E-05	2.76E-05	5.28E-07	1.27E-05	5.16E-07	1.38E-05
5448	489130.38, 3858056.71	3.53E-05	1.07E-04	6.17E-05	1.18E-06	2.85E-05	1.15E-06	3.08E-05	1.79E-05	5.39E-05	3.12E-05	5.96E-07	1.44E-05	5.83E-07	1.56E-05
5449	488936.49, 3858143.93	3.96E-05	1.20E-04	6.92E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	2.01E-05	6.07E-05	3.51E-05	6.71E-07	1.62E-05	6.56E-07	1.75E-05
5450	488638.08, 3858327.45	5.72E-05	1.73E-04	9.99E-05	1.91E-06	4.61E-05	1.87E-06	4.99E-05	2.92E-05	8.81E-05	5.10E-05	9.74E-07	2.35E-05	9.52E-07	2.55E-05
5451	488663.79, 3858349.57	5.54E-05	1.67E-04	9.69E-05	1.85E-06	4.47E-05	1.81E-06	4.84E-05	2.84E-05	8.56E-05	4.96E-05	9.47E-07	2.29E-05	9.25E-07	2.47E-05
5452	488694.56, 3858349.5	5.12E-05	1.55E-04	8.95E-05	1.71E-06	4.13E-05	1.67E-06	4.47E-05	2.63E-05	7.93E-05	4.59E-05	8.77E-07	2.12E-05	8.57E-07	2.29E-05

5453	488694.35, 3858336.75	5.01E-05	1.51E-04	8.76E-05	1.67E-06	4.04E-05	1.64E-06	4.38E-05	2.57E-05	7.76E-05	4.49E-05	8.58E-07	2.07E-05	8.39E-07	2.24E-05
5454	488712.81, 3858336.38	4.77E-05	1.44E-04	8.33E-05	1.59E-06	3.84E-05	1.56E-06	4.16E-05	2.45E-05	7.39E-05	4.28E-05	8.17E-07	1.97E-05	7.99E-07	2.14E-05
5455	488713.23, 3858367.46	4.98E-05	1.50E-04	8.70E-05	1.66E-06	4.01E-05	1.62E-06	4.34E-05	2.56E-05	7.72E-05	4.47E-05	8.54E-07	2.06E-05	8.34E-07	2.23E-05
5456	488704.63, 3858384.05	5.15E-05	1.55E-04	9.00E-05	1.72E-06	4.15E-05	1.68E-06	4.49E-05	2.65E-05	7.99E-05	4.63E-05	8.84E-07	2.13E-05	8.64E-07	2.31E-05
5457	488604.15, 3858488.29	5.78E-05	1.75E-04	1.01E-04	1.93E-06	4.66E-05	1.89E-06	5.04E-05	3.02E-05	9.12E-05	5.28E-05	1.01E-06	2.44E-05	9.86E-07	2.64E-05
5458	488605.66, 3858550.47	6.29E-05	1.90E-04	1.10E-04	2.10E-06	5.07E-05	2.05E-06	5.49E-05	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05
5459	488692.68, 3858548.71	5.72E-05	1.73E-04	1.00E-04	1.91E-06	4.62E-05	1.87E-06	4.99E-05	3.00E-05	9.06E-05	5.24E-05	1.00E-06	2.42E-05	9.79E-07	2.62E-05
5460	488759.93, 3858461.81	4.46E-05	1.35E-04	7.79E-05	1.49E-06	3.60E-05	1.45E-06	3.89E-05	2.33E-05	7.02E-05	4.06E-05	7.76E-07	1.88E-05	7.59E-07	2.03E-05
5461	488816.57, 3858541.79	5.43E-05	1.64E-04	9.49E-05	1.81E-06	4.38E-05	1.77E-06	4.74E-05	2.82E-05	8.50E-05	4.92E-05	9.40E-07	2.27E-05	9.19E-07	2.46E-05
5462	488944.63, 3858656.77	4.41E-05	1.33E-04	7.71E-05	1.47E-06	3.56E-05	1.44E-06	3.85E-05	2.34E-05	7.07E-05	4.10E-05	7.82E-07	1.89E-05	7.65E-07	2.04E-05
5463	489134.91, 3858830.7	3.82E-05	1.15E-04	6.68E-05	1.28E-06	3.08E-05	1.25E-06	3.34E-05	2.11E-05	6.36E-05	3.68E-05	7.03E-07	1.70E-05	6.87E-07	1.84E-05
5464	489193.99, 3858886.05	3.88E-05	1.17E-04	6.77E-05	1.29E-06	3.13E-05	1.26E-06	3.38E-05	2.15E-05	6.50E-05	3.76E-05	7.19E-07	1.74E-05	7.02E-07	1.88E-05
5465	489295.2, 3858954.34	3.92E-05	1.18E-04	6.84E-05	1.31E-06	3.16E-05	1.28E-06	3.42E-05	2.19E-05	6.60E-05	3.82E-05	7.30E-07	1.76E-05	7.13E-07	1.91E-05
5466	489295.64, 3858992.74	4.22E-05	1.27E-04	7.38E-05	1.41E-06	3.40E-05	1.38E-06	3.68E-05	2.39E-05	7.21E-05	4.17E-05	7.97E-07	1.93E-05	7.79E-07	2.08E-05
5467	489183.74, 3858911.72	3.97E-05	1.20E-04	6.94E-05	1.33E-06	3.20E-05	1.30E-06	3.47E-05	2.24E-05	6.75E-05	3.91E-05	7.47E-07	1.80E-05	7.30E-07	1.95E-05
5468	488873.37, 3858625.59	5.33E-05	1.61E-04	9.31E-05	1.78E-06	4.30E-05	1.74E-06	4.65E-05	2.79E-05	8.44E-05	4.88E-05	9.33E-07	2.25E-05	9.12E-07	2.44E-05
5469	488842.84, 3858658.69	5.44E-05	1.64E-04	9.51E-05	1.82E-06	4.39E-05	1.77E-06	4.75E-05	2.88E-05	8.70E-05	5.04E-05	9.63E-07	2.33E-05	9.41E-07	2.52E-05
5470	488856.39, 3858670.93	5.24E-05	1.58E-04	9.15E-05	1.75E-06	4.22E-05	1.71E-06	4.57E-05	2.79E-05	8.42E-05	4.87E-05	9.31E-07	2.25E-05	9.09E-07	2.43E-05
5471	488805.7, 3858724.5	5.77E-05	1.74E-04	1.01E-04	1.93E-06	4.66E-05	1.88E-06	5.04E-05	3.15E-05	9.50E-05	5.50E-05	1.05E-06	2.54E-05	1.03E-06	2.75E-05
5472	488805.87, 3858804.16	6.38E-05	1.93E-04	1.12E-04	2.13E-06	5.15E-05	2.08E-06	5.57E-05	3.66E-05	1.11E-04	6.40E-05	1.22E-06	2.95E-05	1.20E-06	3.20E-05
5473	488995.78, 3858936.96	6.37E-05	1.92E-04	1.11E-04	2.13E-06	5.14E-05	2.08E-06	5.56E-05	3.82E-05	1.15E-04	6.68E-05	1.28E-06	3.08E-05	1.25E-06	3.33E-05
5474	489130.76, 3859017.38	5.90E-05	1.78E-04	1.03E-04	1.97E-06	4.76E-05	1.92E-06	5.15E-05	3.64E-05	1.10E-04	6.36E-05	1.21E-06	2.93E-05	1.19E-06	3.17E-05
5475	489130.92, 3859052.24	6.67E-05	2.01E-04	1.17E-04	2.23E-06	5.38E-05	2.18E-06	5.82E-05	4.43E-05	1.34E-04	7.74E-05	1.48E-06	3.57E-05	1.44E-06	3.86E-05
5476	489200.33, 3859090.6	6.51E-05	1.97E-04	1.14E-04	2.17E-06	5.25E-05	2.12E-06	5.68E-05	4.35E-05	1.31E-04	7.60E-05	1.45E-06	3.51E-05	1.42E-06	3.79E-05
5477	489296.07, 3859143.7	6.51E-05	1.97E-04	1.14E-04	2.18E-06	5.25E-05	2.13E-06	5.68E-05	4.35E-05	1.31E-04	7.60E-05	1.45E-06	3.50E-05	1.42E-06	3.79E-05
5478	489296.43, 3858954.74	3.91E-05	1.18E-04	6.84E-05	1.31E-06	3.15E-05	1.28E-06	3.41E-05	2.18E-05	6.59E-05	3.82E-05	7.29E-07	1.76E-05	7.13E-07	1.91E-05
5479	489410.33, 3859033.19	4.50E-05	1.36E-04	7.86E-05	1.50E-06	3.63E-05	1.47E-06	3.92E-05	2.49E-05	7.51E-05	4.35E-05	8.31E-07	2.01E-05	8.12E-07	2.17E-05
5480	489371.37, 3859089.8	4.76E-05	1.44E-04	8.33E-05	1.59E-06	3.84E-05	1.55E-06	4.16E-05	2.78E-05	8.39E-05	4.86E-05	9.28E-07	2.24E-05	9.07E-07	2.42E-05
5481	489390.52, 3859102.82	4.84E-05	1.46E-04	8.46E-05	1.62E-06	3.90E-05	1.58E-06	4.22E-05	2.82E-05	8.53E-05	4.94E-05	9.43E-07	2.28E-05	9.21E-07	2.46E-05
5482	489382.3, 3859114.53	5.03E-05	1.52E-04	8.79E-05	1.68E-06	4.06E-05	1.64E-06	4.39E-05	2.98E-05	8.98E-05	5.20E-05	9.94E-07	2.40E-05	9.71E-07	2.60E-05
5483	489363.04, 3859102.45	4.91E-05	1.48E-04	8.59E-05	1.64E-06	3.96E-05	1.60E-06	4.29E-05	2.91E-05	8.79E-05	5.09E-05	9.72E-07	2.35E-05	9.50E-07	2.54E-05
5484	489337.52, 3859140.71	5.77E-05	1.74E-04	1.01E-04	1.93E-06	4.65E-05	1.88E-06	5.03E-05	3.66E-05	1.10E-04	6.39E-05	1.22E-06	2.95E-05	1.19E-06	3.19E-05
5485	489375.14, 3859164.55	6.11E-05	1.85E-04	1.07E-04	2.04E-06	4.93E-05	2.00E-06	5.34E-05	3.86E-05	1.17E-04	6.74E-05	1.29E-06	3.11E-05	1.26E-06	3.37E-05
5486	489409.3, 3859114.5	4.87E-05	1.47E-04	8.52E-05	1.63E-06	3.93E-05	1.59E-06	4.25E-05	2.84E-05	8.59E-05	4.97E-05	9.50E-07	2.29E-05	9.28E-07	2.48E-05
5487	489434.87, 3859131.81	5.11E-05	1.54E-04	8.93E-05	1.71E-06	4.12E-05	1.67E-06	4.46E-05	2.97E-05	8.96E-05	5.19E-05	9.91E-07	2.39E-05	9.69E-07	2.59E-05
5488	489471.87, 3859075.75	4.24E-05	1.28E-04	7.41E-05	1.42E-06	3.42E-05	1.38E-06	3.70E-05	2.38E-05	7.18E-05	4.15E-05	7.94E-07	1.92E-05	7.75E-07	2.07E-05
5489	489602.62, 3859164.69	4.78E-05	1.44E-04	8.36E-05	1.60E-06	3.86E-05	1.56E-06	4.17E-05	2.67E-05	8.05E-05	4.66E-05	8.91E-07	2.15E-05	8.70E-07	2.33E-05
5490	489558.29, 3859232.45	5.48E-05	1.66E-04	9.58E-05	1.83E-06	4.42E-05	1.79E-06	4.79E-05	3.30E-05	9.96E-05	5.76E-05	1.10E-06	2.66E-05	1.08E-06	2.88E-05
5491	489620.11, 3859273.56	5.73E-05	1.73E-04	1.00E-04	1.91E-06	4.62E-05	1.87E-06	5.00E-05	3.46E-05	1.04E-04	6.05E-05	1.16E-06	2.79E-05	1.13E-06	3.02E-05
5492	489666.06, 3859206.42	4.36E-05	1.32E-04	7.62E-05	1.46E-06	3.52E-05	1.42E-06	3.80E-05	2.47E-05	7.47E-05	4.32E-05	8.26E-07	1.99E-05	8.07E-07	2.16E-05
5493	489787.9, 3859285.65	4.73E-05	1.43E-04	8.27E-05	1.58E-06	3.82E-05	1.54E-06	4.13E-05	2.68E-05	8.09E-05	4.68E-05	8.94E-07	2.16E-05	8.74E-07	2.34E-05
5494	489752.17, 3859343.13	5.36E-05	1.62E-04	9.36E-05	1.79E-06	4.32E-05	1.75E-06	4.67E-05	3.26E-05	9.84E-05	5.70E-05	1.09E-06	2.63E-05	1.06E-06	2.85E-05
5495	489814.94, 3859385.33	5.62E-05	1.70E-04	9.82E-05	1.88E-06	4.53E-05	1.83E-06	4.90E-05	3.44E-05	1.04E-04	6.01E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05
5496	489853.42, 3859330.74	4.32E-05	1.31E-04	7.56E-05	1.44E-06	3.49E-05	1.41E-06	3.77E-05	2.50E-05	7.55E-05	4.37E-05	8.35E-07	2.02E-05	8.16E-07	2.18E-05
5497	489969.5, 3859401.91	5.02E-05	1.52E-04	8.78E-05	1.68E-06	4.05E-05	1.64E-06	4.38E-05	2.86E-05	8.64E-05	5.00E-05	9.55E-07	2.31E-05	9.33E-07	2.50E-05
5498	490166.91, 3859486.96	4.48E-05	1.35E-04	7.83E-05	1.50E-06	3.61E-05	1.46E-06	3.91E-05	2.56E-05	7.73E-05	4.47E-05	8.55E-07	2.06E-05	8.35E-07	2.23E-05
5499	490128.86, 3859571.46	5.36E-05	1.62E-04	9.36E-05	1.79E-06	4.32E-05	1.75E-06	4.67E-05	3.56E-05	1.07E-04	6.22E-05	1.19E-06	2.87E-05	1.16E-06	3.10E-05
5500	490186.65, 3859593.65	5.51E-05	1.66E-04	9.63E-05	1.84E-06	4.44E-05	1.80E-06	4.81E-05	3.64E-05	1.10E-04	6.36E-05	1.22E-06	2.94E-05	1.19E-06	3.18E-05
5501	490223.74, 3859517.48	4.11E-05	1.24E-04	7.19E-05	1.37E-06	3.32E-05	1.34E-06	3.59E-05	2.40E-05	7.23E-05	4.19E-05	8.00E-07	1.93E-05	7.82E-07	2.09E-05
5502	490846.34, 3859817.22	4.57E-05	1.38E-04	7.99E-05	1.53E-06	3.69E-05	1.49E-06	3.99E-05	2.80E-05	8.45E-05	4.89E-05	9.35E-07	2.26E-05	9.14E-07	2.44E-05
5503	490925.65, 3859844.59	4.47E-05	1.35E-04	7.81E-05	1.49E-06	3.61E-05	1.46E-06	3.90E-05	2.71E-05	8.17E-05	4.73E-05	9.04E-07	2.18E-05	8.83E-07	2.36E-05
5504	491159.29, 3859896.28	4.11E-05	1.24E-04	7.18E-05	1.37E-06	3.31E-05	1.34E-06	3.58E-05	2.37E-05	7.16E-05	4.14E-05	7.92E-07	1.91E-05	7.74E-07	2.07E-05
5505	491370.69, 3859960.89	3.57E-05	1.08E-04	6.24E-05	1.19E-06	2.88E-05	1.17E-06	3.12E-05	2.02E-05	6.11E-05	3.54E-05	6.75E-07	1.63E-05	6.60E-07	1.76E-05
5506	491330.28, 3860063.17	4.19E-05	1.27E-04	7.33E-05	1.40E-06	3.38E-05	1.37E-06	3.66E-05	2.57E-05	7.77E-05	4.50E-05	8.59E-07	2.07E-05	8.39E-07	2.24E-05
5507	491636.45, 3860180.75	3.32E-05	1.00E-04	5.81E-05	1.11E-06	2.68E-05	1.08E-06	2.90E-05	1.90E-05	5.75E-05	3.33E-05	6.35E-07	1.53E-05	6.21E-07	1.66E-05
5508	491617.94, 3860203.93	3.81E-05	1.15E-04	6.66E-05	1.27E-06	3.07E-05	1.24E-06	3.32E-05	2.18E-05	6.59E-05	3.81E-05	7.29E-07	1.76E-05	7.12E-07	1.90E-05
5509	491805.68, 3860271.59	2.79E-05	8.42E-05	4.88E-05	9.31E-07	2.25E-05	9.10E-07	2.43E-05	1.60E-05	4.84E-05	2.80E-05	5.36E-07	1.29E-05	5.23E-07	1.40E-05
5510	491654.23, 3860414.02	4.18E-05	1.26E-04	7.31E-05	1.40E-06	3.37E-05	1.37E-06	3.65E-05	3.31E-05	9.99E-05	5.78E-05	1.10E-06	2.67E-05	1.08E-06	2.89E-05
5511	491592.62, 3860510.76	1.08E-05	3.27E-05	1.89E-05	3.61E-07	8.73E-06	3.53E-07	9.44E-06	7.72E-06	2.33E-05	1.35E-05	2.58E-07	6.23E-06	2.52E-07	6.74E-06
5512	491475.41, 3860368.93	2.12E-05	6.40E-05	3.70E-05	7.07E-07	1.71E-05	6.91E-07	1.85E-05	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.17E-05	4.71E-07	1.26E-05
5513	491445.61, 3860337.28	2.29E-05	6.91E-05	4.00E-05	7.65E-07	1.85E-05	7.47E-07	2.00E-05	1.57E-05	4.75E-05	2.75E-05	5.26E-07	1.27E-05	5.14E-07	1.37E-05
5514	491399.05, 3860300.37	2.35E-05	7.09E-05	4.10E-05	7.84E-07	1.89E-05	7.66E-07	2.05E-05	1.61E-05	4.86E-05	2.82E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05

5515	491228.84, 3860235.98	1.73E-05	5.23E-05	3.03E-05	5.78E-07	1.40E-05	5.65E-07	1.51E-05	1.07E-05	3.24E-05	1.88E-05	3.58E-07	8.65E-06	3.50E-07	9.36E-06
5516	491228.47, 3860174.57	2.63E-05	7.93E-05	4.59E-05	8.77E-07	2.12E-05	8.57E-07	2.29E-05	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05
5517	491145.77, 3860112.55	2.53E-05	7.62E-05	4.41E-05	8.43E-07	2.04E-05	8.24E-07	2.20E-05	1.66E-05	5.02E-05	2.91E-05	5.56E-07	1.34E-05	5.43E-07	1.45E-05
5518	490844.41, 3859966.22	2.44E-05	7.37E-05	4.27E-05	8.15E-07	1.97E-05	7.96E-07	2.13E-05	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05
5519	490845.55, 3859928.15	3.80E-05	1.15E-04	6.64E-05	1.27E-06	3.07E-05	1.24E-06	3.32E-05	2.75E-05	8.29E-05	4.80E-05	9.17E-07	2.22E-05	8.96E-07	2.40E-05
5520	490046.91, 3859625.6	3.25E-05	9.82E-05	5.69E-05	1.09E-06	2.62E-05	1.06E-06	2.84E-05	2.18E-05	6.59E-05	3.81E-05	7.29E-07	1.76E-05	7.12E-07	1.90E-05
5521	489970.48, 3859589.4	3.39E-05	1.02E-04	5.92E-05	1.13E-06	2.73E-05	1.11E-06	2.96E-05	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.43E-07	1.99E-05
5522	489865.89, 3859529.06	3.85E-05	1.16E-04	6.73E-05	1.29E-06	3.10E-05	1.26E-06	3.36E-05	2.56E-05	7.72E-05	4.47E-05	8.54E-07	2.06E-05	8.35E-07	2.23E-05
5523	489826.89, 3859531.74	3.09E-05	9.34E-05	5.41E-05	1.03E-06	2.50E-05	1.01E-06	2.70E-05	1.95E-05	5.88E-05	3.40E-05	6.50E-07	1.57E-05	6.36E-07	1.70E-05
5524	489410.47, 3859303.06	3.61E-05	1.09E-04	6.32E-05	1.21E-06	2.91E-05	1.18E-06	3.15E-05	2.20E-05	6.63E-05	3.84E-05	7.33E-07	1.77E-05	7.17E-07	1.92E-05
5525	489407.15, 3859286.09	4.03E-05	1.22E-04	7.05E-05	1.35E-06	3.25E-05	1.32E-06	3.52E-05	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.26E-07	2.21E-05
5526	488806.07, 3858963.62	6.47E-05	1.95E-04	1.13E-04	2.16E-06	5.22E-05	2.11E-06	5.65E-05	3.63E-05	1.10E-04	6.35E-05	1.21E-06	2.93E-05	1.19E-06	3.17E-05
5527	488817.64, 3859546.3	5.25E-05	1.58E-04	9.17E-05	1.75E-06	4.23E-05	1.71E-06	4.58E-05	2.60E-05	7.84E-05	4.54E-05	8.67E-07	2.09E-05	8.47E-07	2.27E-05
5528	489187.25, 3859549.52	3.63E-05	1.10E-04	6.35E-05	1.21E-06	2.93E-05	1.19E-06	3.17E-05	1.83E-05	5.52E-05	3.20E-05	6.10E-07	1.47E-05	5.96E-07	1.60E-05
5529	489187.66, 3859523.74	3.18E-05	9.59E-05	5.55E-05	1.06E-06	2.56E-05	1.04E-06	2.77E-05	1.61E-05	4.86E-05	2.81E-05	5.38E-07	1.30E-05	5.26E-07	1.41E-05
5530	489232.59, 3859522.85	3.07E-05	9.26E-05	5.36E-05	1.02E-06	2.47E-05	1.00E-06	2.68E-05	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05
5531	489224.98, 3859759.91	2.79E-05	8.41E-05	4.87E-05	9.31E-07	2.25E-05	9.09E-07	2.43E-05	1.40E-05	4.23E-05	2.45E-05	4.67E-07	1.13E-05	4.57E-07	1.22E-05
5532	488401.39, 3859763.34	4.67E-05	1.41E-04	8.17E-05	1.56E-06	3.77E-05	1.52E-06	4.08E-05	2.30E-05	6.95E-05	4.02E-05	7.68E-07	1.86E-05	7.51E-07	2.01E-05
5533	488405.51, 3859966.16	5.06E-05	1.53E-04	8.84E-05	1.69E-06	4.08E-05	1.65E-06	4.41E-05	2.49E-05	7.50E-05	4.34E-05	8.30E-07	2.00E-05	8.11E-07	2.17E-05
5534	489202.85, 3859956.57	3.30E-05	9.97E-05	5.77E-05	1.10E-06	2.66E-05	1.08E-06	2.88E-05	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05
5535	489191.9, 3860676.74	1.79E-05	5.40E-05	3.12E-05	5.97E-07	1.44E-05	5.83E-07	1.56E-05	8.89E-06	2.68E-05	1.55E-05	2.97E-07	7.17E-06	2.90E-07	7.76E-06
5536	488392.82, 3860687.88	2.96E-05	8.92E-05	5.17E-05	9.87E-07	2.38E-05	9.64E-07	2.58E-05	1.45E-05	4.39E-05	2.54E-05	4.86E-07	1.17E-05	4.75E-07	1.27E-05
5537	488392.82, 3860760.27	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.21E-07	5.90E-06
5538	487549.05, 3860777.45	4.77E-06	1.44E-05	8.33E-06	1.59E-07	3.84E-06	1.56E-07	4.16E-06	2.45E-06	7.40E-06	4.29E-06	8.19E-08	1.98E-06	8.00E-08	2.14E-06
5539	487554.62, 3859571.83	3.12E-05	9.41E-05	5.45E-05	1.04E-06	2.51E-05	1.02E-06	2.72E-05	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.02E-07	1.34E-05
5540	485949.46, 3859558.54	4.93E-06	1.49E-05	8.61E-06	1.64E-07	3.97E-06	1.61E-07	4.30E-06	2.55E-06	7.70E-06	4.46E-06	8.52E-08	2.06E-06	8.32E-08	2.23E-06
5541	485947.55, 3857943.61	1.72E-05	5.18E-05	3.00E-05	5.73E-07	1.38E-05	5.60E-07	1.50E-05	8.76E-06	2.64E-05	1.53E-05	2.93E-07	7.07E-06	2.86E-07	7.64E-06
5542	484738.38, 3857940.21	5.99E-06	1.81E-05	1.05E-05	2.00E-07	4.83E-06	1.95E-07	5.22E-06	3.12E-06	9.42E-06	5.45E-06	1.04E-07	2.52E-06	1.02E-07	2.72E-06
5543	484737.06, 3857535.68	8.33E-06	2.52E-05	1.46E-05	2.78E-07	6.72E-06	2.72E-07	7.27E-06	4.31E-06	1.30E-05	7.54E-06	1.44E-07	3.48E-06	1.41E-07	3.76E-06
5544	483730.2, 3857530.13	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.82E-06	8.51E-06	4.93E-06	9.41E-08	2.27E-06	9.20E-08	2.46E-06
5545	483727.27, 3857130.01	1.05E-05	3.16E-05	1.83E-05	3.50E-07	8.45E-06	3.42E-07	9.14E-06	5.30E-06	1.60E-05	9.27E-06	1.77E-07	4.28E-06	1.73E-07	4.63E-06
5546	483124.42, 3857123.45	6.15E-06	1.86E-05	1.07E-05	2.05E-07	4.96E-06	2.01E-07	5.37E-06	3.16E-06	9.56E-06	5.53E-06	1.06E-07	2.55E-06	1.03E-07	2.76E-06
5547	483111.13, 3855921.03	2.67E-05	8.06E-05	4.66E-05	8.91E-07	2.15E-05	8.71E-07	2.33E-05	1.33E-05	4.01E-05	2.32E-05	4.44E-07	1.07E-05	4.33E-07	1.16E-05
5548	482701.73, 3855918.24	1.01E-05	3.04E-05	1.76E-05	3.36E-07	8.12E-06	3.28E-07	8.78E-06	5.13E-06	1.55E-05	8.97E-06	1.71E-07	4.14E-06	1.67E-07	4.48E-06
5549	482668.02, 3853521.78	1.93E-05	5.84E-05	3.38E-05	6.46E-07	1.56E-05	6.31E-07	1.69E-05	1.14E-05	3.44E-05	1.99E-05	3.80E-07	9.19E-06	3.72E-07	9.94E-06
5550	482579.91, 3853219.19	1.70E-05	5.12E-05	2.97E-05	5.67E-07	1.37E-05	5.54E-07	1.48E-05	1.06E-05	3.21E-05	1.86E-05	3.56E-07	8.59E-06	3.47E-07	9.29E-06
5551	482434.06, 3852961.94	1.73E-05	5.21E-05	3.02E-05	5.76E-07	1.39E-05	5.63E-07	1.51E-05	1.18E-05	3.55E-05	2.06E-05	3.93E-07	9.49E-06	3.84E-07	1.03E-05
5552	482332.11, 3852832.85	1.80E-05	5.43E-05	3.14E-05	6.00E-07	1.45E-05	5.87E-07	1.57E-05	1.31E-05	3.96E-05	2.29E-05	4.38E-07	1.06E-05	4.28E-07	1.14E-05
5553	481334.99, 3851818.96	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.19E-05	4.80E-07	1.28E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
5554	481127.62, 3851646.36	1.46E-05	4.40E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	1.02E-05	3.08E-05	1.78E-05	3.40E-07	8.22E-06	3.33E-07	8.90E-06
5555	481025.04, 3851591.73	1.36E-05	4.10E-05	2.37E-05	4.53E-07	1.09E-05	4.43E-07	1.18E-05	9.44E-06	2.85E-05	1.65E-05	3.15E-07	7.61E-06	3.08E-07	8.23E-06
5556	480513.6, 3851335.76	1.41E-05	4.24E-05	2.46E-05	4.69E-07	1.13E-05	4.59E-07	1.23E-05	9.74E-06	2.94E-05	1.70E-05	3.25E-07	7.86E-06	3.18E-07	8.50E-06
5557	480523.56, 3851317.66	1.83E-05	5.52E-05	3.19E-05	6.10E-07	1.47E-05	5.96E-07	1.59E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.18E-07	1.12E-05
5558	476921.56, 3849569.11	1.41E-05	4.27E-05	2.47E-05	4.72E-07	1.14E-05	4.61E-07	1.23E-05	1.03E-05	3.12E-05	1.81E-05	3.45E-07	8.33E-06	3.37E-07	9.01E-06
5559	476521.19, 3849373.96	1.66E-05	5.02E-05	2.91E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.88E-06	4.00E-07	1.07E-05
5560	476391.45, 3849333.38	1.72E-05	5.19E-05	3.00E-05	5.73E-07	1.39E-05	5.60E-07	1.50E-05	1.28E-05	3.86E-05	2.24E-05	4.27E-07	1.03E-05	4.18E-07	1.12E-05
5561	476219.41, 3849304.29	1.54E-05	4.65E-05	2.69E-05	5.14E-07	1.24E-05	5.02E-07	1.34E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
5562	475679.11, 3849218.47	1.38E-05	4.18E-05	2.42E-05	4.62E-07	1.12E-05	4.52E-07	1.21E-05	9.88E-06	2.98E-05	1.73E-05	3.30E-07	7.97E-06	3.22E-07	8.62E-06
5563	475677.71, 3849233.88	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.91E-06	3.60E-07	9.64E-06	7.89E-06	2.38E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.89E-06
5564	475492.74, 3849204.66	8.48E-06	2.56E-05	1.48E-05	2.83E-07	6.84E-06	2.77E-07	7.40E-06	5.89E-06	1.78E-05	1.03E-05	1.97E-07	4.75E-06	1.92E-07	5.14E-06
5565	475497.64, 3849158.75	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05	1.45E-05	4.38E-05	2.53E-05	4.84E-07	1.17E-05	4.73E-07	1.27E-05
5566	475391.35, 3849141.94	1.33E-05	4.02E-05	2.33E-05	4.44E-07	1.07E-05	4.34E-07	1.16E-05	9.63E-06	2.91E-05	1.68E-05	3.22E-07	7.77E-06	3.14E-07	8.41E-06
5567	475277, 3849095.47	1.27E-05	3.83E-05	2.21E-05	4.23E-07	1.02E-05	4.13E-07	1.11E-05	9.21E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06
5568	475183.93, 3849025.66	1.55E-05	4.68E-05	2.71E-05	5.18E-07	1.25E-05	5.06E-07	1.35E-05	1.15E-05	3.48E-05	2.01E-05	3.85E-07	9.29E-06	3.76E-07	1.01E-05
5569	474453.23, 3848378.77	1.60E-05	4.83E-05	2.80E-05	5.34E-07	1.29E-05	5.22E-07	1.40E-05	1.35E-05	4.06E-05	2.35E-05	4.50E-07	1.09E-05	4.39E-07	1.17E-05
5570	474569.63, 3848399.34	2.85E-05	8.61E-05	4.98E-05	9.52E-07	2.30E-05	9.30E-07	2.49E-05	2.61E-05	7.87E-05	4.56E-05	8.71E-07	2.10E-05	8.51E-07	2.28E-05
5571	474644.33, 3848464.52	2.93E-05	8.85E-05	5.12E-05	9.79E-07	2.36E-05	9.56E-07	2.56E-05	2.66E-05	8.05E-05	4.66E-05	8.90E-07	2.15E-05	8.70E-07	2.33E-05
5572	474719.04, 3848529.7	3.02E-05	9.11E-05	5.28E-05	1.01E-06	2.43E-05	9.85E-07	2.63E-05	2.73E-05	8.25E-05	4.78E-05	9.13E-07	2.20E-05	8.92E-07	2.38E-05
5573	474793.74, 3848594.88	3.09E-05	9.34E-05	5.41E-05	1.03E-06	2.49E-05	1.01E-06	2.70E-05	2.79E-05	8.43E-05	4.88E-05	9.32E-07	2.25E-05	9.11E-07	2.44E-05
5574	474868.45, 3848660.07	3.15E-05	9.50E-05	5.50E-05	1.05E-06	2.54E-05	1.03E-06	2.74E-05	2.82E-05	8.53E-05	4.94E-05	9.43E-07	2.28E-05	9.22E-07	2.46E-05
5575	474943.15, 3848725.25	3.23E-05	9.76E-05	5.65E-05	1.08E-06	2.61E-05	1.05E-06	2.82E-05	2.89E-05	8.73E-05	5.05E-05	9.65E-07	2.33E-05	9.43E-07	2.52E-05
5576	475017.86, 3848790.43	3.37E-05	1.02E-04	5.88E-05	1.12E-06	2.71E-05	1.10E-06	2.94E-05	3.00E-05	9.05E-05	5.24E-05	1.00E-06	2.42E-05	9.79E-07	2.62E-05

5577	475092.56, 3848855.61	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	3.08E-05	9.30E-05	5.38E-05	1.03E-06	2.48E-05	1.01E-06	2.69E-05
5578	475232.58, 3848959.38	3.26E-05	9.83E-05	5.69E-05	1.09E-06	2.63E-05	1.06E-06	2.84E-05	2.76E-05	8.32E-05	4.82E-05	9.20E-07	2.22E-05	8.99E-07	2.41E-05
5579	475368.47, 3849029.98	3.45E-05	1.04E-04	6.04E-05	1.15E-06	2.79E-05	1.13E-06	3.01E-05	2.89E-05	8.74E-05	5.06E-05	9.67E-07	2.33E-05	9.45E-07	2.53E-05
5580	475609.57, 3849096.09	3.12E-05	9.43E-05	5.46E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05	2.53E-05	7.64E-05	4.42E-05	8.45E-07	2.04E-05	8.26E-07	2.21E-05
5581	475680.68, 3849116.62	3.36E-05	1.02E-04	5.88E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	2.80E-05	8.44E-05	4.89E-05	9.34E-07	2.26E-05	9.12E-07	2.44E-05
5582	475843.76, 3849151.52	3.86E-05	1.17E-04	6.75E-05	1.29E-06	3.11E-05	1.26E-06	3.37E-05	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05
5583	475935.73, 3849165.89	3.62E-05	1.09E-04	6.32E-05	1.21E-06	2.92E-05	1.18E-06	3.16E-05	3.08E-05	9.29E-05	5.38E-05	1.03E-06	2.48E-05	1.00E-06	2.69E-05
5584	476027.7, 3849180.26	3.63E-05	1.10E-04	6.34E-05	1.21E-06	2.93E-05	1.18E-06	3.17E-05	3.08E-05	9.31E-05	5.39E-05	1.03E-06	2.49E-05	1.01E-06	2.69E-05
5585	476119.68, 3849194.64	3.81E-05	1.15E-04	6.67E-05	1.27E-06	3.08E-05	1.24E-06	3.33E-05	3.23E-05	9.77E-05	5.65E-05	1.08E-06	2.61E-05	1.06E-06	2.82E-05
5586	476211.65, 3849209.01	3.82E-05	1.15E-04	6.67E-05	1.27E-06	3.08E-05	1.25E-06	3.33E-05	3.22E-05	9.73E-05	5.63E-05	1.08E-06	2.60E-05	1.05E-06	2.81E-05
5587	476497.8, 3849283.9	4.66E-05	1.41E-04	8.15E-05	1.56E-06	3.76E-05	1.52E-06	4.07E-05	4.04E-05	1.22E-04	7.06E-05	1.35E-06	3.26E-05	1.32E-06	3.52E-05
5588	476603.73, 3849323.77	4.69E-05	1.42E-04	8.20E-05	1.57E-06	3.78E-05	1.53E-06	4.09E-05	4.05E-05	1.22E-04	7.07E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05
5589	476728.99, 3849382.76	4.50E-05	1.36E-04	7.86E-05	1.50E-06	3.63E-05	1.47E-06	3.93E-05	3.82E-05	1.15E-04	6.67E-05	1.27E-06	3.08E-05	1.25E-06	3.33E-05
5590	476801.27, 3849418.65	4.54E-05	1.37E-04	7.94E-05	1.52E-06	3.67E-05	1.48E-06	3.97E-05	3.84E-05	1.16E-04	6.71E-05	1.28E-06	3.10E-05	1.25E-06	3.35E-05
5591	476956.2, 3849495.05	4.63E-05	1.40E-04	8.09E-05	1.55E-06	3.73E-05	1.51E-06	4.04E-05	3.88E-05	1.17E-04	6.78E-05	1.30E-06	3.13E-05	1.27E-06	3.38E-05
5592	477038.84, 3849535.56	4.72E-05	1.42E-04	8.25E-05	1.58E-06	3.81E-05	1.54E-06	4.12E-05	3.95E-05	1.19E-04	6.90E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05
5593	477121.48, 3849576.08	4.75E-05	1.43E-04	8.30E-05	1.58E-06	3.83E-05	1.55E-06	4.14E-05	3.95E-05	1.19E-04	6.91E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05
5594	477204.13, 3849616.6	4.81E-05	1.45E-04	8.41E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	3.99E-05	1.21E-04	6.98E-05	1.33E-06	3.22E-05	1.30E-06	3.49E-05
5595	477286.78, 3849657.12	4.68E-05	1.41E-04	8.18E-05	1.56E-06	3.78E-05	1.53E-06	4.08E-05	3.83E-05	1.16E-04	6.70E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05
5596	477369.42, 3849697.63	4.88E-05	1.47E-04	8.53E-05	1.63E-06	3.94E-05	1.59E-06	4.26E-05	4.03E-05	1.22E-04	7.04E-05	1.34E-06	3.25E-05	1.31E-06	3.51E-05
5597	477452.07, 3849738.15	4.91E-05	1.48E-04	8.59E-05	1.64E-06	3.96E-05	1.60E-06	4.29E-05	4.04E-05	1.22E-04	7.07E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05
5598	477534.71, 3849778.67	5.03E-05	1.52E-04	8.80E-05	1.68E-06	4.06E-05	1.64E-06	4.39E-05	4.15E-05	1.25E-04	7.26E-05	1.39E-06	3.35E-05	1.35E-06	3.62E-05
5599	477617.35, 3849819.18	5.06E-05	1.53E-04	8.85E-05	1.69E-06	4.08E-05	1.65E-06	4.42E-05	4.16E-05	1.26E-04	7.27E-05	1.39E-06	3.35E-05	1.36E-06	3.63E-05
5600	477824.74, 3849896.37	4.14E-05	1.25E-04	7.24E-05	1.38E-06	3.34E-05	1.35E-06	3.61E-05	3.13E-05	9.45E-05	5.47E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05
5601	477906.31, 3849936.37	4.26E-05	1.29E-04	7.45E-05	1.42E-06	3.44E-05	1.39E-06	3.72E-05	3.22E-05	9.73E-05	5.63E-05	1.08E-06	2.60E-05	1.05E-06	2.81E-05
5602	477987.89, 3849976.36	4.27E-05	1.29E-04	7.46E-05	1.42E-06	3.44E-05	1.39E-06	3.72E-05	3.23E-05	9.74E-05	5.64E-05	1.08E-06	2.60E-05	1.05E-06	2.82E-05
5603	478069.47, 3850016.36	4.30E-05	1.30E-04	7.51E-05	1.43E-06	3.47E-05	1.40E-06	3.75E-05	3.25E-05	9.82E-05	5.69E-05	1.09E-06	2.62E-05	1.06E-06	2.84E-05
5604	478151.04, 3850056.35	4.31E-05	1.30E-04	7.54E-05	1.44E-06	3.48E-05	1.41E-06	3.76E-05	3.27E-05	9.87E-05	5.71E-05	1.09E-06	2.64E-05	1.07E-06	2.85E-05
5605	478232.62, 3850096.35	4.33E-05	1.31E-04	7.57E-05	1.45E-06	3.49E-05	1.41E-06	3.78E-05	3.29E-05	9.93E-05	5.75E-05	1.10E-06	2.65E-05	1.07E-06	2.87E-05
5606	478314.2, 3850136.34	4.34E-05	1.31E-04	7.58E-05	1.45E-06	3.50E-05	1.41E-06	3.78E-05	3.29E-05	9.95E-05	5.76E-05	1.10E-06	2.66E-05	1.07E-06	2.87E-05
5607	478395.77, 3850176.34	4.35E-05	1.31E-04	7.60E-05	1.45E-06	3.51E-05	1.42E-06	3.79E-05	3.30E-05	9.98E-05	5.77E-05	1.10E-06	2.66E-05	1.08E-06	2.88E-05
5608	478575.43, 3850244.45	3.87E-05	1.17E-04	6.77E-05	1.29E-06	3.12E-05	1.26E-06	3.38E-05	2.79E-05	8.43E-05	4.88E-05	9.33E-07	2.25E-05	9.11E-07	2.44E-05
5609	478665.06, 3850287.29	3.90E-05	1.18E-04	6.82E-05	1.30E-06	3.15E-05	1.27E-06	3.41E-05	2.80E-05	8.45E-05	4.89E-05	9.34E-07	2.26E-05	9.13E-07	2.44E-05
5610	478754.69, 3850330.14	3.91E-05	1.18E-04	6.83E-05	1.30E-06	3.15E-05	1.28E-06	3.41E-05	2.79E-05	8.42E-05	4.88E-05	9.31E-07	2.25E-05	9.10E-07	2.43E-05
5611	478844.32, 3850372.99	3.91E-05	1.18E-04	6.83E-05	1.30E-06	3.15E-05	1.27E-06	3.41E-05	2.77E-05	8.37E-05	4.85E-05	9.26E-07	2.24E-05	9.05E-07	2.42E-05
5612	478933.95, 3850415.84	3.92E-05	1.18E-04	6.85E-05	1.31E-06	3.16E-05	1.28E-06	3.42E-05	2.76E-05	8.33E-05	4.82E-05	9.21E-07	2.22E-05	9.00E-07	2.41E-05
5613	479023.58, 3850458.68	4.09E-05	1.23E-04	7.15E-05	1.37E-06	3.30E-05	1.33E-06	3.57E-05	2.85E-05	8.61E-05	4.98E-05	9.52E-07	2.30E-05	9.30E-07	2.49E-05
5614	479110.66, 3850441.9	2.96E-05	8.94E-05	5.18E-05	9.89E-07	2.39E-05	9.66E-07	2.58E-05	1.93E-05	5.83E-05	3.37E-05	6.44E-07	1.56E-05	6.30E-07	1.68E-05
5615	479191.22, 3850423.99	2.62E-05	7.91E-05	4.58E-05	8.74E-07	2.11E-05	8.54E-07	2.29E-05	1.62E-05	4.88E-05	2.83E-05	5.40E-07	1.30E-05	5.28E-07	1.41E-05
5616	479274.32, 3850465.71	3.14E-05	9.49E-05	5.49E-05	1.05E-06	2.54E-05	1.03E-06	2.74E-05	1.88E-05	5.66E-05	3.28E-05	6.26E-07	1.51E-05	6.12E-07	1.64E-05
5617	479357.43, 3850507.42	3.36E-05	1.02E-04	5.88E-05	1.12E-06	2.71E-05	1.10E-06	2.94E-05	1.99E-05	6.00E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05
5618	479440.53, 3850549.14	3.47E-05	1.05E-04	6.06E-05	1.16E-06	2.80E-05	1.13E-06	3.02E-05	2.04E-05	6.15E-05	3.56E-05	6.80E-07	1.64E-05	6.64E-07	1.78E-05
5619	479523.64, 3850590.85	3.52E-05	1.06E-04	6.15E-05	1.18E-06	2.84E-05	1.15E-06	3.07E-05	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05
5620	479606.74, 3850632.57	3.56E-05	1.07E-04	6.22E-05	1.19E-06	2.87E-05	1.16E-06	3.11E-05	2.08E-05	6.29E-05	3.64E-05	6.96E-07	1.68E-05	6.80E-07	1.82E-05
5621	479777.37, 3850707.61	3.34E-05	1.01E-04	5.84E-05	1.12E-06	2.69E-05	1.09E-06	2.91E-05	1.96E-05	5.92E-05	3.43E-05	6.55E-07	1.58E-05	6.40E-07	1.71E-05
5622	479864.9, 3850740.95	3.02E-05	9.13E-05	5.29E-05	1.01E-06	2.44E-05	9.87E-07	2.64E-05	1.79E-05	5.41E-05	3.13E-05	5.99E-07	1.45E-05	5.85E-07	1.56E-05
5623	479931.87, 3850829.56	3.24E-05	9.78E-05	5.66E-05	1.08E-06	2.61E-05	1.06E-06	2.83E-05	2.02E-05	6.10E-05	3.53E-05	6.75E-07	1.63E-05	6.60E-07	1.76E-05
5624	479995.55, 3850926.75	3.83E-05	1.16E-04	6.69E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	2.66E-05	8.04E-05	4.66E-05	8.90E-07	2.15E-05	8.69E-07	2.32E-05
5625	480079.78, 3850968.64	3.77E-05	1.14E-04	6.59E-05	1.26E-06	3.04E-05	1.23E-06	3.29E-05	2.63E-05	7.95E-05	4.60E-05	8.79E-07	2.12E-05	8.59E-07	2.30E-05
5626	480164.01, 3851010.54	3.75E-05	1.13E-04	6.55E-05	1.25E-06	3.02E-05	1.22E-06	3.27E-05	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05
5627	480248.23, 3851052.43	3.72E-05	1.12E-04	6.50E-05	1.24E-06	3.00E-05	1.21E-06	3.25E-05	2.60E-05	7.86E-05	4.55E-05	8.69E-07	2.10E-05	8.49E-07	2.27E-05
5628	480332.46, 3851094.33	3.73E-05	1.13E-04	6.52E-05	1.25E-06	3.01E-05	1.22E-06	3.25E-05	2.61E-05	7.89E-05	4.57E-05	8.73E-07	2.11E-05	8.53E-07	2.28E-05
5629	480416.69, 3851136.22	3.77E-05	1.14E-04	6.58E-05	1.26E-06	3.04E-05	1.23E-06	3.29E-05	2.65E-05	7.99E-05	4.63E-05	8.84E-07	2.14E-05	8.64E-07	2.31E-05
5630	480579.95, 3851215.17	3.74E-05	1.13E-04	6.54E-05	1.25E-06	3.02E-05	1.22E-06	3.26E-05	2.62E-05	7.92E-05	4.58E-05	8.76E-07	2.12E-05	8.56E-07	2.29E-05
5631	480658.98, 3851252.22	3.72E-05	1.12E-04	6.49E-05	1.24E-06	3.00E-05	1.21E-06	3.24E-05	2.59E-05	7.83E-05	4.53E-05	8.66E-07	2.09E-05	8.46E-07	2.26E-05
5632	480817.36, 3851327.85	3.73E-05	1.13E-04	6.53E-05	1.25E-06	3.01E-05	1.22E-06	3.26E-05	2.58E-05	7.79E-05	4.51E-05	8.61E-07	2.08E-05	8.42E-07	2.25E-05
5633	480896.71, 3851366.42	3.73E-05	1.13E-04	6.52E-05	1.25E-06	3.01E-05	1.22E-06	3.25E-05	2.57E-05	7.77E-05	4.50E-05	8.59E-07	2.07E-05	8.39E-07	2.24E-05
5634	480976.07, 3851405	3.72E-05	1.12E-04	6.50E-05	1.24E-06	3.00E-05	1.21E-06	3.24E-05	2.56E-05	7.73E-05	4.47E-05	8.55E-07	2.06E-05	8.35E-07	2.23E-05
5635	481178, 3851487.31	3.19E-05	9.63E-05	5.57E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	2.16E-05	6.51E-05	3.77E-05	7.20E-07	1.74E-05	7.03E-07	1.88E-05
5636	481244.9, 3851557.17	3.40E-05	1.03E-04	5.95E-05	1.14E-06	2.75E-05	1.11E-06	2.97E-05	2.41E-05	7.28E-05	4.21E-05	8.05E-07	1.94E-05	7.87E-07	2.10E-05
5637	481311.81, 3851627.03	3.46E-05	1.05E-04	6.05E-05	1.16E-06	2.79E-05	1.13E-06	3.02E-05	2.55E-05	7.70E-05	4.46E-05	8.51E-07	2.06E-05	8.32E-07	2.22E-05
5638	481378.71, 3851696.89	3.27E-05	9.89E-05	5.72E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05	2.43E-05	7.32E-05	4.24E-05	8.10E-07	1.96E-05	7.92E-07	2.12E-05

5639	481445.61, 3851766.76	3.16E-05	9.54E-05	5.52E-05	1.05E-06	2.55E-05	1.03E-06	2.76E-05	2.36E-05	7.12E-05	4.12E-05	7.88E-07	1.90E-05	7.70E-07	2.06E-05
5640	481512.51, 3851836.62	3.12E-05	9.41E-05	5.45E-05	1.04E-06	2.51E-05	1.02E-06	2.72E-05	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05
5641	481579.42, 3851906.48	3.10E-05	9.37E-05	5.43E-05	1.04E-06	2.50E-05	1.01E-06	2.71E-05	2.33E-05	7.03E-05	4.07E-05	7.77E-07	1.88E-05	7.59E-07	2.03E-05
5642	481646.32, 3851976.34	3.12E-05	9.44E-05	5.46E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05	2.34E-05	7.08E-05	4.10E-05	7.83E-07	1.89E-05	7.65E-07	2.05E-05
5643	481713.22, 3852046.2	3.12E-05	9.43E-05	5.46E-05	1.04E-06	2.52E-05	1.02E-06	2.73E-05	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05
5644	481780.12, 3852116.06	3.15E-05	9.50E-05	5.50E-05	1.05E-06	2.54E-05	1.03E-06	2.75E-05	2.36E-05	7.11E-05	4.12E-05	7.87E-07	1.90E-05	7.69E-07	2.06E-05
5645	481847.03, 3852185.92	3.18E-05	9.61E-05	5.56E-05	1.06E-06	2.57E-05	1.04E-06	2.78E-05	2.38E-05	7.20E-05	4.17E-05	7.96E-07	1.92E-05	7.78E-07	2.08E-05
5646	481913.93, 3852255.78	3.21E-05	9.69E-05	5.61E-05	1.07E-06	2.59E-05	1.05E-06	2.80E-05	2.40E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.84E-07	2.10E-05
5647	481980.83, 3852325.65	3.24E-05	9.79E-05	5.67E-05	1.08E-06	2.62E-05	1.06E-06	2.83E-05	2.43E-05	7.34E-05	4.25E-05	8.11E-07	1.96E-05	7.93E-07	2.12E-05
5648	482047.73, 3852395.51	3.26E-05	9.84E-05	5.70E-05	1.09E-06	2.63E-05	1.06E-06	2.85E-05	2.44E-05	7.37E-05	4.27E-05	8.15E-07	1.97E-05	7.97E-07	2.13E-05
5649	482114.64, 3852465.37	3.27E-05	9.89E-05	5.72E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05	2.45E-05	7.39E-05	4.28E-05	8.18E-07	1.97E-05	7.99E-07	2.14E-05
5650	482181.54, 3852535.23	3.31E-05	1.00E-04	5.79E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05	2.48E-05	7.48E-05	4.33E-05	8.28E-07	2.00E-05	8.09E-07	2.16E-05
5651	482338.69, 3852700.04	3.39E-05	1.02E-04	5.93E-05	1.13E-06	2.74E-05	1.11E-06	2.96E-05	2.54E-05	7.66E-05	4.44E-05	8.47E-07	2.05E-05	8.28E-07	2.21E-05
5652	482404.05, 3852767.78	3.41E-05	1.03E-04	5.95E-05	1.14E-06	2.75E-05	1.11E-06	2.97E-05	2.54E-05	7.66E-05	4.44E-05	8.47E-07	2.05E-05	8.28E-07	2.21E-05
5653	482469.4, 3852835.52	3.46E-05	1.04E-04	6.05E-05	1.15E-06	2.79E-05	1.13E-06	3.02E-05	2.57E-05	7.76E-05	4.49E-05	8.58E-07	2.07E-05	8.38E-07	2.24E-05
5654	482534.75, 3852903.25	3.56E-05	1.08E-04	6.22E-05	1.19E-06	2.87E-05	1.16E-06	3.11E-05	2.62E-05	7.90E-05	4.58E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05
5655	482600.11, 3852970.99	3.65E-05	1.10E-04	6.38E-05	1.22E-06	2.94E-05	1.19E-06	3.19E-05	2.64E-05	7.97E-05	4.61E-05	8.82E-07	2.13E-05	8.62E-07	2.30E-05
5656	482706.71, 3853119.28	3.43E-05	1.04E-04	6.00E-05	1.15E-06	2.77E-05	1.12E-06	2.99E-05	2.37E-05	7.15E-05	4.14E-05	7.91E-07	1.91E-05	7.73E-07	2.07E-05
5657	482747.96, 3853199.84	3.49E-05	1.05E-04	6.11E-05	1.17E-06	2.82E-05	1.14E-06	3.05E-05	2.41E-05	7.28E-05	4.21E-05	8.05E-07	1.94E-05	7.86E-07	2.10E-05
5658	482789.21, 3853280.4	3.51E-05	1.06E-04	6.13E-05	1.17E-06	2.83E-05	1.14E-06	3.06E-05	2.38E-05	7.18E-05	4.15E-05	7.94E-07	1.92E-05	7.75E-07	2.07E-05
5659	482830.46, 3853360.96	3.43E-05	1.04E-04	6.00E-05	1.15E-06	2.77E-05	1.12E-06	2.99E-05	2.24E-05	6.75E-05	3.91E-05	7.46E-07	1.80E-05	7.29E-07	1.95E-05
5660	482871.71, 3853441.52	3.41E-05	1.03E-04	5.97E-05	1.14E-06	2.75E-05	1.11E-06	2.98E-05	2.15E-05	6.48E-05	3.75E-05	7.17E-07	1.73E-05	7.01E-07	1.87E-05
5661	482912.95, 3853522.07	3.45E-05	1.04E-04	6.04E-05	1.15E-06	2.79E-05	1.13E-06	3.01E-05	2.10E-05	6.35E-05	3.68E-05	7.03E-07	1.70E-05	6.87E-07	1.84E-05
5662	482954.2, 3853602.63	3.48E-05	1.05E-04	6.09E-05	1.16E-06	2.81E-05	1.14E-06	3.04E-05	2.04E-05	6.17E-05	3.57E-05	6.82E-07	1.65E-05	6.67E-07	1.78E-05
5663	482995.45, 3853683.19	3.56E-05	1.07E-04	6.22E-05	1.19E-06	2.87E-05	1.16E-06	3.10E-05	2.02E-05	6.11E-05	3.54E-05	6.75E-07	1.63E-05	6.60E-07	1.77E-05
5664	483036.7, 3853763.75	3.68E-05	1.11E-04	6.44E-05	1.23E-06	2.97E-05	1.20E-06	3.22E-05	2.04E-05	6.17E-05	3.57E-05	6.82E-07	1.65E-05	6.67E-07	1.78E-05
5665	483214.2, 3853909.91	4.06E-05	1.23E-04	7.10E-05	1.36E-06	3.27E-05	1.32E-06	3.54E-05	2.12E-05	6.39E-05	3.70E-05	7.07E-07	1.71E-05	6.91E-07	1.85E-05
5666	483307.01, 3853910.44	3.78E-05	1.14E-04	6.61E-05	1.26E-06	3.05E-05	1.23E-06	3.30E-05	1.96E-05	5.91E-05	3.42E-05	6.53E-07	1.58E-05	6.38E-07	1.71E-05
5667	483399.83, 3853910.96	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.82E-05	1.14E-06	3.06E-05	1.80E-05	5.45E-05	3.15E-05	6.02E-07	1.46E-05	5.89E-07	1.57E-05
5668	483494.52, 3854009.24	3.96E-05	1.19E-04	6.92E-05	1.32E-06	3.19E-05	1.29E-06	3.45E-05	2.01E-05	6.08E-05	3.52E-05	6.73E-07	1.63E-05	6.57E-07	1.76E-05
5669	483496.41, 3854106.98	4.21E-05	1.27E-04	7.36E-05	1.41E-06	3.40E-05	1.37E-06	3.67E-05	2.14E-05	6.46E-05	3.74E-05	7.15E-07	1.73E-05	6.99E-07	1.87E-05
5670	483577.56, 3854261.96	4.49E-05	1.35E-04	7.84E-05	1.50E-06	3.62E-05	1.46E-06	3.92E-05	2.27E-05	6.84E-05	3.96E-05	7.57E-07	1.83E-05	7.39E-07	1.98E-05
5671	483656.83, 3854319.19	4.59E-05	1.39E-04	8.03E-05	1.53E-06	3.70E-05	1.50E-06	4.01E-05	2.31E-05	6.97E-05	4.04E-05	7.71E-07	1.86E-05	7.53E-07	2.01E-05
5672	483736.1, 3854376.41	4.69E-05	1.42E-04	8.20E-05	1.57E-06	3.78E-05	1.53E-06	4.09E-05	2.35E-05	7.09E-05	4.11E-05	7.85E-07	1.90E-05	7.67E-07	2.05E-05
5673	483815.36, 3854433.64	4.81E-05	1.45E-04	8.41E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	2.40E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.84E-07	2.10E-05
5674	483894.63, 3854490.87	4.96E-05	1.50E-04	8.67E-05	1.66E-06	4.00E-05	1.62E-06	4.33E-05	2.47E-05	7.46E-05	4.32E-05	8.25E-07	1.99E-05	8.07E-07	2.16E-05
5675	483973.9, 3854548.09	5.14E-05	1.55E-04	8.99E-05	1.72E-06	4.15E-05	1.68E-06	4.49E-05	2.56E-05	7.72E-05	4.47E-05	8.54E-07	2.06E-05	8.34E-07	2.23E-05
5676	484053.17, 3854605.32	5.33E-05	1.61E-04	9.31E-05	1.78E-06	4.30E-05	1.74E-06	4.65E-05	2.65E-05	7.99E-05	4.63E-05	8.84E-07	2.13E-05	8.63E-07	2.31E-05
5677	484214.97, 3854698.15	5.39E-05	1.63E-04	9.41E-05	1.80E-06	4.34E-05	1.76E-06	4.70E-05	2.67E-05	8.06E-05	4.67E-05	8.92E-07	2.15E-05	8.71E-07	2.33E-05
5678	484297.5, 3854733.74	5.37E-05	1.62E-04	9.38E-05	1.79E-06	4.33E-05	1.75E-06	4.68E-05	2.66E-05	8.04E-05	4.65E-05	8.89E-07	2.15E-05	8.68E-07	2.32E-05
5679	484380.03, 3854769.34	5.47E-05	1.65E-04	9.56E-05	1.83E-06	4.41E-05	1.78E-06	4.77E-05	2.71E-05	8.18E-05	4.73E-05	9.04E-07	2.18E-05	8.84E-07	2.36E-05
5680	484462.56, 3854804.94	5.53E-05	1.67E-04	9.67E-05	1.85E-06	4.46E-05	1.81E-06	4.83E-05	2.74E-05	8.27E-05	4.79E-05	9.15E-07	2.21E-05	8.94E-07	2.39E-05
5681	484545.09, 3854840.53	5.60E-05	1.69E-04	9.80E-05	1.87E-06	4.52E-05	1.83E-06	4.89E-05	2.77E-05	8.38E-05	4.85E-05	9.26E-07	2.24E-05	9.05E-07	2.42E-05
5682	484691.88, 3854912.58	5.61E-05	1.69E-04	9.80E-05	1.87E-06	4.52E-05	1.83E-06	4.89E-05	2.78E-05	8.38E-05	4.85E-05	9.27E-07	2.24E-05	9.06E-07	2.42E-05
5683	484830.81, 3855012.51	5.51E-05	1.66E-04	9.64E-05	1.84E-06	4.45E-05	1.80E-06	4.81E-05	2.73E-05	8.24E-05	4.77E-05	9.11E-07	2.20E-05	8.91E-07	2.38E-05
5684	484905.48, 3855075.97	5.48E-05	1.66E-04	9.58E-05	1.83E-06	4.42E-05	1.79E-06	4.78E-05	2.72E-05	8.20E-05	4.75E-05	9.07E-07	2.19E-05	8.87E-07	2.37E-05
5685	484980.14, 3855139.44	5.47E-05	1.65E-04	9.56E-05	1.83E-06	4.41E-05	1.78E-06	4.77E-05	2.71E-05	8.19E-05	4.74E-05	9.05E-07	2.19E-05	8.85E-07	2.37E-05
5686	485054.81, 3855202.91	5.43E-05	1.64E-04	9.50E-05	1.81E-06	4.38E-05	1.77E-06	4.74E-05	2.69E-05	8.14E-05	4.71E-05	9.00E-07	2.17E-05	8.79E-07	2.35E-05
5687	485129.48, 3855266.37	5.45E-05	1.64E-04	9.52E-05	1.82E-06	4.39E-05	1.78E-06	4.75E-05	2.70E-05	8.15E-05	4.72E-05	9.02E-07	2.18E-05	8.81E-07	2.36E-05
5688	485204.15, 3855329.84	5.44E-05	1.64E-04	9.50E-05	1.82E-06	4.39E-05	1.77E-06	4.74E-05	2.70E-05	8.14E-05	4.71E-05	9.00E-07	2.17E-05	8.80E-07	2.35E-05
5689	485278.82, 3855393.31	5.42E-05	1.64E-04	9.47E-05	1.81E-06	4.37E-05	1.77E-06	4.73E-05	2.69E-05	8.11E-05	4.70E-05	8.97E-07	2.17E-05	8.77E-07	2.34E-05
5690	485353.48, 3855456.77	5.41E-05	1.63E-04	9.45E-05	1.81E-06	4.36E-05	1.76E-06	4.72E-05	2.68E-05	8.10E-05	4.69E-05	8.96E-07	2.16E-05	8.76E-07	2.34E-05
5691	485428.15, 3855520.24	5.36E-05	1.62E-04	9.37E-05	1.79E-06	4.32E-05	1.75E-06	4.68E-05	2.66E-05	8.03E-05	4.65E-05	8.88E-07	2.15E-05	8.68E-07	2.32E-05
5692	485502.82, 3855583.71	5.40E-05	1.63E-04	9.45E-05	1.80E-06	4.36E-05	1.76E-06	4.72E-05	2.68E-05	8.10E-05	4.69E-05	8.96E-07	2.16E-05	8.75E-07	2.34E-05
5693	485577.49, 3855647.17	5.31E-05	1.60E-04	9.29E-05	1.77E-06	4.29E-05	1.73E-06	4.64E-05	2.64E-05	7.97E-05	4.61E-05	8.81E-07	2.13E-05	8.61E-07	2.30E-05
5694	485652.16, 3855710.64	5.34E-05	1.61E-04	9.33E-05	1.78E-06	4.31E-05	1.74E-06	4.66E-05	2.65E-05	8.01E-05	4.64E-05	8.86E-07	2.14E-05	8.65E-07	2.31E-05
5695	485726.83, 3855774.1	5.27E-05	1.59E-04	9.21E-05	1.76E-06	4.25E-05	1.72E-06	4.60E-05	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05
5696	485801.49, 3855837.57	5.29E-05	1.60E-04	9.25E-05	1.77E-06	4.27E-05	1.73E-06	4.62E-05	2.63E-05	7.94E-05	4.60E-05	8.79E-07	2.12E-05	8.59E-07	2.30E-05
5697	485876.16, 3855901.04	5.25E-05	1.59E-04	9.18E-05	1.75E-06	4.24E-05	1.71E-06	4.59E-05	2.61E-05	7.89E-05	4.57E-05	8.72E-07	2.11E-05	8.52E-07	2.28E-05
5698	485950.83, 3855964.5	5.27E-05	1.59E-04	9.21E-05	1.76E-06	4.25E-05	1.72E-06	4.60E-05	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05
5699	486025.5, 3856027.97	5.26E-05	1.59E-04	9.19E-05	1.76E-06	4.24E-05	1.72E-06	4.59E-05	2.61E-05	7.89E-05	4.57E-05	8.72E-07	2.11E-05	8.52E-07	2.28E-05
5700	486100.17, 3856091.44	5.23E-05	1.58E-04	9.14E-05	1.75E-06	4.22E-05	1.71E-06	4.56E-05	2.60E-05	7.85E-05	4.54E-05	8.68E-07	2.10E-05	8.48E-07	2.27E-05

5701	486174.83, 3856154.9	5.22E-05	1.58E-04	9.13E-05	1.74E-06	4.21E-05	1.70E-06	4.56E-05	2.60E-05	7.84E-05	4.54E-05	8.67E-07	2.09E-05	8.47E-07	2.26E-05
5702	486249.5, 3856218.37	5.27E-05	1.59E-04	9.22E-05	1.76E-06	4.25E-05	1.72E-06	4.60E-05	2.62E-05	7.91E-05	4.58E-05	8.75E-07	2.11E-05	8.55E-07	2.29E-05
5703	486324.17, 3856281.84	5.31E-05	1.60E-04	9.27E-05	1.77E-06	4.28E-05	1.73E-06	4.63E-05	2.63E-05	7.95E-05	4.60E-05	8.79E-07	2.12E-05	8.59E-07	2.30E-05
5704	486398.84, 3856345.3	5.27E-05	1.59E-04	9.21E-05	1.76E-06	4.25E-05	1.72E-06	4.60E-05	2.62E-05	7.90E-05	4.58E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05
5705	486473.51, 3856408.77	5.25E-05	1.58E-04	9.17E-05	1.75E-06	4.23E-05	1.71E-06	4.58E-05	2.61E-05	7.87E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05
5706	486548.17, 3856472.24	5.21E-05	1.57E-04	9.10E-05	1.74E-06	4.20E-05	1.70E-06	4.54E-05	2.59E-05	7.81E-05	4.52E-05	8.64E-07	2.09E-05	8.44E-07	2.26E-05
5707	486622.84, 3856535.7	5.22E-05	1.57E-04	9.12E-05	1.74E-06	4.21E-05	1.70E-06	4.55E-05	2.59E-05	7.83E-05	4.53E-05	8.65E-07	2.09E-05	8.46E-07	2.26E-05
5708	486765.48, 3856659.69	5.10E-05	1.54E-04	8.92E-05	1.70E-06	4.11E-05	1.66E-06	4.45E-05	2.54E-05	7.66E-05	4.44E-05	8.48E-07	2.05E-05	8.28E-07	2.22E-05
5709	486833.44, 3856720.2	5.21E-05	1.57E-04	9.11E-05	1.74E-06	4.20E-05	1.70E-06	4.55E-05	2.59E-05	7.83E-05	4.53E-05	8.66E-07	2.09E-05	8.46E-07	2.26E-05
5710	486901.41, 3856780.72	5.21E-05	1.57E-04	9.11E-05	1.74E-06	4.20E-05	1.70E-06	4.55E-05	2.59E-05	7.83E-05	4.54E-05	8.66E-07	2.09E-05	8.47E-07	2.26E-05
5711	486969.38, 3856841.24	5.24E-05	1.58E-04	9.16E-05	1.75E-06	4.23E-05	1.71E-06	4.57E-05	2.61E-05	7.88E-05	4.56E-05	8.71E-07	2.10E-05	8.51E-07	2.28E-05
5712	487037.34, 3856901.75	5.33E-05	1.61E-04	9.32E-05	1.78E-06	4.30E-05	1.74E-06	4.65E-05	2.66E-05	8.02E-05	4.64E-05	8.87E-07	2.14E-05	8.67E-07	2.32E-05
5713	487271.23, 3856855.51	4.26E-05	1.29E-04	7.45E-05	1.42E-06	3.44E-05	1.39E-06	3.72E-05	2.13E-05	6.42E-05	3.72E-05	7.10E-07	1.72E-05	6.94E-07	1.86E-05
5714	487368.95, 3856857.29	4.21E-05	1.27E-04	7.35E-05	1.40E-06	3.39E-05	1.37E-06	3.67E-05	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05
5715	487466.68, 3856859.06	4.04E-05	1.22E-04	7.06E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05	2.02E-05	6.09E-05	3.52E-05	6.73E-07	1.63E-05	6.58E-07	1.76E-05
5716	487636.44, 3856930	4.24E-05	1.28E-04	7.42E-05	1.42E-06	3.42E-05	1.38E-06	3.70E-05	2.11E-05	6.39E-05	3.70E-05	7.06E-07	1.71E-05	6.90E-07	1.85E-05
5717	487709.57, 3856928.43	4.04E-05	1.22E-04	7.07E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05	2.02E-05	6.09E-05	3.52E-05	6.73E-07	1.63E-05	6.58E-07	1.76E-05
5718	487782.55, 3856841.96	3.18E-05	9.60E-05	5.56E-05	1.06E-06	2.56E-05	1.04E-06	2.77E-05	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.28E-05	5.20E-07	1.39E-05
5719	487849.83, 3856754.74	2.79E-05	8.43E-05	4.88E-05	9.32E-07	2.25E-05	9.11E-07	2.44E-05	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.57E-07	1.22E-05
5720	487918.03, 3856819.39	3.11E-05	9.38E-05	5.43E-05	1.04E-06	2.51E-05	1.01E-06	2.71E-05	1.56E-05	4.70E-05	2.72E-05	5.19E-07	1.25E-05	5.08E-07	1.36E-05
5721	487918.8, 3856886.37	3.36E-05	1.02E-04	5.88E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	1.68E-05	5.08E-05	2.94E-05	5.62E-07	1.36E-05	5.49E-07	1.47E-05
5722	488065.46, 3857127.5	3.88E-05	1.17E-04	6.79E-05	1.30E-06	3.13E-05	1.27E-06	3.39E-05	1.94E-05	5.85E-05	3.39E-05	6.47E-07	1.56E-05	6.33E-07	1.69E-05
5723	488192.19, 3857385.83	3.82E-05	1.15E-04	6.68E-05	1.28E-06	3.08E-05	1.25E-06	3.34E-05	1.92E-05	5.79E-05	3.35E-05	6.40E-07	1.55E-05	6.26E-07	1.67E-05
5724	488191.21, 3857473.87	3.88E-05	1.17E-04	6.78E-05	1.30E-06	3.13E-05	1.27E-06	3.39E-05	1.95E-05	5.89E-05	3.41E-05	6.51E-07	1.57E-05	6.36E-07	1.70E-05
5725	488190.24, 3857561.9	3.94E-05	1.19E-04	6.89E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05	1.98E-05	5.99E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05
5726	488158.35, 3857691.13	4.06E-05	1.23E-04	7.10E-05	1.36E-06	3.28E-05	1.33E-06	3.54E-05	2.05E-05	6.20E-05	3.59E-05	6.85E-07	1.66E-05	6.70E-07	1.79E-05
5727	488208.37, 3857816.66	3.86E-05	1.17E-04	6.75E-05	1.29E-06	3.11E-05	1.26E-06	3.37E-05	1.96E-05	5.93E-05	3.43E-05	6.55E-07	1.58E-05	6.41E-07	1.71E-05
5728	488271.97, 3857874.6	3.83E-05	1.16E-04	6.69E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	1.95E-05	5.89E-05	3.41E-05	6.51E-07	1.57E-05	6.36E-07	1.70E-05
5729	488463.56, 3857942.31	3.32E-05	1.00E-04	5.81E-05	1.11E-06	2.68E-05	1.08E-06	2.90E-05	1.70E-05	5.14E-05	2.98E-05	5.68E-07	1.37E-05	5.55E-07	1.49E-05
5730	488554.83, 3857940.83	3.05E-05	9.22E-05	5.34E-05	1.02E-06	2.46E-05	9.96E-07	2.66E-05	1.57E-05	4.73E-05	2.74E-05	5.23E-07	1.26E-05	5.12E-07	1.37E-05
5731	488646.1, 3857939.36	2.85E-05	8.62E-05	4.99E-05	9.53E-07	2.30E-05	9.32E-07	2.49E-05	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05
5732	488737.37, 3857937.88	2.71E-05	8.18E-05	4.73E-05	9.04E-07	2.18E-05	8.84E-07	2.36E-05	1.39E-05	4.20E-05	2.43E-05	4.65E-07	1.12E-05	4.54E-07	1.22E-05
5733	488733.59, 3857960.57	2.78E-05	8.38E-05	4.85E-05	9.27E-07	2.24E-05	9.06E-07	2.42E-05	1.43E-05	4.31E-05	2.49E-05	4.76E-07	1.15E-05	4.66E-07	1.24E-05
5734	488638.09, 3857961.57	2.93E-05	8.86E-05	5.13E-05	9.80E-07	2.37E-05	9.57E-07	2.56E-05	1.51E-05	4.55E-05	2.64E-05	5.03E-07	1.22E-05	4.92E-07	1.32E-05
5735	488542.6, 3857962.56	3.16E-05	9.53E-05	5.52E-05	1.05E-06	2.55E-05	1.03E-06	2.75E-05	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05
5736	488447.1, 3857963.56	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	1.78E-05	5.37E-05	3.11E-05	5.94E-07	1.44E-05	5.81E-07	1.55E-05
5737	488254.28, 3857890.36	4.04E-05	1.22E-04	7.07E-05	1.35E-06	3.26E-05	1.32E-06	3.53E-05	2.06E-05	6.22E-05	3.60E-05	6.87E-07	1.66E-05	6.72E-07	1.80E-05
5738	488191.69, 3857833.06	4.06E-05	1.23E-04	7.09E-05	1.36E-06	3.27E-05	1.32E-06	3.54E-05	2.06E-05	6.23E-05	3.60E-05	6.89E-07	1.66E-05	6.73E-07	1.80E-05
5739	488129.5, 3857907.43	5.82E-05	1.76E-04	1.02E-04	1.94E-06	4.69E-05	1.90E-06	5.08E-05	2.93E-05	8.86E-05	5.13E-05	9.79E-07	2.37E-05	9.57E-07	2.56E-05
5740	488196.47, 3857968.73	5.85E-05	1.77E-04	1.02E-04	1.96E-06	4.72E-05	1.91E-06	5.11E-05	2.95E-05	8.92E-05	5.16E-05	9.86E-07	2.38E-05	9.64E-07	2.58E-05
5741	488263.44, 3858030.04	5.90E-05	1.78E-04	1.03E-04	1.97E-06	4.76E-05	1.93E-06	5.15E-05	2.98E-05	9.00E-05	5.21E-05	9.96E-07	2.41E-05	9.73E-07	2.60E-05
5742	488400.64, 3858132.9	5.71E-05	1.72E-04	9.98E-05	1.91E-06	4.61E-05	1.86E-06	4.98E-05	2.90E-05	8.74E-05	5.06E-05	9.67E-07	2.34E-05	9.45E-07	2.53E-05
5743	488519.89, 3858218.38	5.72E-05	1.73E-04	1.00E-04	1.91E-06	4.61E-05	1.87E-06	4.99E-05	2.91E-05	8.78E-05	5.08E-05	9.71E-07	2.35E-05	9.49E-07	2.54E-05
5744	488647.97, 3858214.99	4.89E-05	1.48E-04	8.54E-05	1.63E-06	3.94E-05	1.59E-06	4.26E-05	2.49E-05	7.51E-05	4.35E-05	8.31E-07	2.01E-05	8.12E-07	2.17E-05
5745	488727.05, 3858167.67	4.29E-05	1.30E-04	7.50E-05	1.43E-06	3.46E-05	1.40E-06	3.75E-05	2.19E-05	6.60E-05	3.82E-05	7.30E-07	1.76E-05	7.13E-07	1.91E-05
5746	488806.12, 3858120.35	3.92E-05	1.18E-04	6.85E-05	1.31E-06	3.16E-05	1.28E-06	3.42E-05	2.00E-05	6.02E-05	3.49E-05	6.66E-07	1.61E-05	6.51E-07	1.74E-05
5747	488885.2, 3858073.03	3.65E-05	1.10E-04	6.38E-05	1.22E-06	2.95E-05	1.19E-06	3.19E-05	1.86E-05	5.61E-05	3.25E-05	6.20E-07	1.50E-05	6.06E-07	1.62E-05
5748	489055.76, 3857991.17	3.36E-05	1.01E-04	5.88E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	1.70E-05	5.14E-05	2.98E-05	5.69E-07	1.37E-05	5.56E-07	1.49E-05
5749	489245.39, 3857944.54	3.39E-05	1.02E-04	5.93E-05	1.13E-06	2.73E-05	1.11E-06	2.96E-05	1.71E-05	5.16E-05	2.99E-05	5.71E-07	1.38E-05	5.58E-07	1.49E-05
5750	489430.63, 3857930.91	3.46E-05	1.04E-04	6.04E-05	1.15E-06	2.79E-05	1.13E-06	3.02E-05	1.74E-05	5.25E-05	3.04E-05	5.80E-07	1.40E-05	5.67E-07	1.52E-05
5751	489517.74, 3857929.36	3.44E-05	1.04E-04	6.02E-05	1.15E-06	2.78E-05	1.12E-06	3.01E-05	1.73E-05	5.22E-05	3.02E-05	5.78E-07	1.40E-05	5.64E-07	1.51E-05
5752	489604.85, 3857927.82	3.39E-05	1.02E-04	5.93E-05	1.13E-06	2.74E-05	1.11E-06	2.96E-05	1.70E-05	5.14E-05	2.98E-05	5.69E-07	1.37E-05	5.56E-07	1.49E-05
5753	489691.97, 3857926.28	3.32E-05	1.00E-04	5.81E-05	1.11E-06	2.68E-05	1.08E-06	2.90E-05	1.67E-05	5.04E-05	2.92E-05	5.57E-07	1.35E-05	5.44E-07	1.46E-05
5754	489779.08, 3857924.73	3.25E-05	9.81E-05	5.68E-05	1.08E-06	2.62E-05	1.06E-06	2.83E-05	1.63E-05	4.92E-05	2.85E-05	5.44E-07	1.31E-05	5.32E-07	1.42E-05
5755	490017.55, 3857875.08	2.66E-05	8.02E-05	4.64E-05	8.87E-07	2.14E-05	8.67E-07	2.32E-05	1.34E-05	4.04E-05	2.34E-05	4.47E-07	1.08E-05	4.36E-07	1.17E-05
5756	490033.82, 3857960.81	2.62E-05	7.90E-05	4.57E-05	8.74E-07	2.11E-05	8.54E-07	2.28E-05	1.32E-05	3.98E-05	2.31E-05	4.41E-07	1.06E-05	4.31E-07	1.15E-05
5757	489959.15, 3857987.49	2.61E-05	7.88E-05	4.56E-05	8.71E-07	2.10E-05	8.52E-07	2.28E-05	1.32E-05	3.98E-05	2.30E-05	4.40E-07	1.06E-05	4.30E-07	1.15E-05
5758	489791.49, 3858016.12	2.51E-05	7.57E-05	4.38E-05	8.38E-07	2.02E-05	8.19E-07	2.19E-05	1.27E-05	3.84E-05	2.22E-05	4.25E-07	1.03E-05	4.15E-07	1.11E-05
5759	489698.51, 3858018.07	2.61E-05	7.88E-05	4.56E-05	8.72E-07	2.11E-05	8.52E-07	2.28E-05	1.32E-05	4.00E-05	2.31E-05	4.42E-07	1.07E-05	4.32E-07	1.15E-05
5760	489605.52, 3858020.01	2.72E-05	8.20E-05	4.75E-05	9.07E-07	2.19E-05	8.86E-07	2.37E-05	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.49E-07	1.20E-05
5761	489512.53, 3858021.96	2.82E-05	8.53E-05	4.94E-05	9.43E-07	2.28E-05	9.21E-07	2.46E-05	1.43E-05	4.32E-05	2.50E-05	4.78E-07	1.15E-05	4.67E-07	1.25E-05
5762	489419.55, 3858023.91	2.94E-05	8.89E-05	5.15E-05	9.83E-07	2.38E-05	9.61E-07	2.57E-05	1.49E-05	4.50E-05	2.61E-05	4.98E-07	1.20E-05	4.87E-07	1.30E-05

5763	489228.47, 3858041.29	3.26E-05	9.83E-05	5.69E-05	1.09E-06	2.63E-05	1.06E-06	2.84E-05	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05
5764	489065.75, 3858085.78	3.50E-05	1.06E-04	6.12E-05	1.17E-06	2.82E-05	1.14E-06	3.06E-05	1.78E-05	5.36E-05	3.11E-05	5.93E-07	1.43E-05	5.80E-07	1.55E-05
5765	489001.12, 3858114.86	3.71E-05	1.12E-04	6.48E-05	1.24E-06	2.99E-05	1.21E-06	3.24E-05	1.88E-05	5.68E-05	3.29E-05	6.29E-07	1.52E-05	6.14E-07	1.64E-05
5766	488861.89, 3858189.81	4.19E-05	1.26E-04	7.32E-05	1.40E-06	3.38E-05	1.37E-06	3.66E-05	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05
5767	488787.29, 3858235.69	4.49E-05	1.36E-04	7.85E-05	1.50E-06	3.62E-05	1.47E-06	3.92E-05	2.29E-05	6.91E-05	4.00E-05	7.64E-07	1.85E-05	7.47E-07	2.00E-05
5768	488712.68, 3858281.57	4.93E-05	1.49E-04	8.61E-05	1.64E-06	3.97E-05	1.61E-06	4.30E-05	2.51E-05	7.59E-05	4.39E-05	8.39E-07	2.03E-05	8.20E-07	2.19E-05
5769	488654.39, 3858436.17	5.50E-05	1.66E-04	9.61E-05	1.84E-06	4.44E-05	1.79E-06	4.80E-05	2.84E-05	8.59E-05	4.97E-05	9.50E-07	2.29E-05	9.28E-07	2.48E-05
5770	488726.3, 3858505.26	5.04E-05	1.52E-04	8.81E-05	1.68E-06	4.07E-05	1.65E-06	4.40E-05	2.63E-05	7.95E-05	4.60E-05	8.80E-07	2.12E-05	8.59E-07	2.30E-05
5771	488880.6, 3858599.28	5.35E-05	1.62E-04	9.36E-05	1.79E-06	4.32E-05	1.75E-06	4.67E-05	2.79E-05	8.43E-05	4.88E-05	9.32E-07	2.25E-05	9.11E-07	2.44E-05
5772	489008.06, 3858714.75	4.02E-05	1.21E-04	7.03E-05	1.34E-06	3.24E-05	1.31E-06	3.51E-05	2.17E-05	6.54E-05	3.79E-05	7.24E-07	1.75E-05	7.07E-07	1.89E-05
5773	489071.48, 3858772.72	3.80E-05	1.15E-04	6.63E-05	1.27E-06	3.06E-05	1.24E-06	3.31E-05	2.07E-05	6.26E-05	3.62E-05	6.92E-07	1.67E-05	6.76E-07	1.81E-05
5774	489244.59, 3858920.19	3.87E-05	1.17E-04	6.77E-05	1.29E-06	3.12E-05	1.26E-06	3.38E-05	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.04E-07	1.88E-05
5775	489239.69, 3858952.23	4.04E-05	1.22E-04	7.06E-05	1.35E-06	3.26E-05	1.32E-06	3.52E-05	2.28E-05	6.89E-05	3.99E-05	7.62E-07	1.84E-05	7.45E-07	1.99E-05
5776	489121.67, 3858854.49	3.87E-05	1.17E-04	6.76E-05	1.29E-06	3.12E-05	1.26E-06	3.38E-05	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.04E-07	1.88E-05
5777	489059.59, 3858797.27	3.86E-05	1.17E-04	6.75E-05	1.29E-06	3.11E-05	1.26E-06	3.37E-05	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05
5778	488997.52, 3858740.04	3.99E-05	1.20E-04	6.97E-05	1.33E-06	3.22E-05	1.30E-06	3.48E-05	2.17E-05	6.56E-05	3.80E-05	7.26E-07	1.75E-05	7.09E-07	1.90E-05
5779	488935.44, 3858682.82	4.36E-05	1.32E-04	7.62E-05	1.46E-06	3.52E-05	1.42E-06	3.81E-05	2.34E-05	7.06E-05	4.09E-05	7.81E-07	1.89E-05	7.63E-07	2.04E-05
5780	488869.17, 3858848.43	6.26E-05	1.89E-04	1.10E-04	2.09E-06	5.05E-05	2.04E-06	5.47E-05	3.65E-05	1.10E-04	6.38E-05	1.22E-06	2.95E-05	1.19E-06	3.19E-05
5781	488932.48, 3858892.69	6.35E-05	1.92E-04	1.11E-04	2.12E-06	5.12E-05	2.07E-06	5.54E-05	3.75E-05	1.13E-04	6.55E-05	1.25E-06	3.02E-05	1.22E-06	3.27E-05
5782	489063.27, 3858977.17	6.17E-05	1.86E-04	1.08E-04	2.06E-06	4.98E-05	2.01E-06	5.39E-05	3.75E-05	1.13E-04	6.55E-05	1.25E-06	3.02E-05	1.22E-06	3.27E-05
5783	489248.2, 3859117.15	6.52E-05	1.97E-04	1.14E-04	2.18E-06	5.26E-05	2.13E-06	5.69E-05	4.35E-05	1.31E-04	7.61E-05	1.45E-06	3.51E-05	1.42E-06	3.80E-05
5784	489296.25, 3859049.22	4.61E-05	1.39E-04	8.05E-05	1.54E-06	3.71E-05	1.50E-06	4.02E-05	2.70E-05	8.17E-05	4.73E-05	9.03E-07	2.18E-05	8.82E-07	2.36E-05
5785	489353.38, 3858993.96	4.26E-05	1.29E-04	7.44E-05	1.42E-06	3.43E-05	1.39E-06	3.71E-05	2.36E-05	7.13E-05	4.13E-05	7.88E-07	1.90E-05	7.71E-07	2.06E-05
5786	489537.24, 3859120.22	4.79E-05	1.45E-04	8.37E-05	1.60E-06	3.86E-05	1.56E-06	4.18E-05	2.65E-05	8.02E-05	4.64E-05	8.86E-07	2.14E-05	8.66E-07	2.32E-05
5787	489726.98, 3859246.04	4.81E-05	1.45E-04	8.41E-05	1.61E-06	3.88E-05	1.57E-06	4.20E-05	2.70E-05	8.16E-05	4.73E-05	9.03E-07	2.18E-05	8.82E-07	2.36E-05
5788	489911.46, 3859366.33	4.79E-05	1.45E-04	8.37E-05	1.60E-06	3.86E-05	1.56E-06	4.18E-05	2.73E-05	8.25E-05	4.78E-05	9.13E-07	2.21E-05	8.92E-07	2.39E-05
5789	490035.3, 3859430.26	4.94E-05	1.49E-04	8.64E-05	1.65E-06	3.99E-05	1.61E-06	4.31E-05	2.80E-05	8.47E-05	4.90E-05	9.36E-07	2.26E-05	9.15E-07	2.45E-05
5790	490101.11, 3859458.61	4.77E-05	1.44E-04	8.34E-05	1.59E-06	3.85E-05	1.56E-06	4.17E-05	2.71E-05	8.18E-05	4.74E-05	9.05E-07	2.19E-05	8.84E-07	2.36E-05
5791	490312.68, 3859560.3	4.49E-05	1.36E-04	7.86E-05	1.50E-06	3.63E-05	1.47E-06	3.92E-05	2.61E-05	7.87E-05	4.55E-05	8.70E-07	2.10E-05	8.50E-07	2.27E-05
5792	490401.63, 3859603.12	4.65E-05	1.40E-04	8.13E-05	1.55E-06	3.75E-05	1.52E-06	4.06E-05	2.71E-05	8.17E-05	4.73E-05	9.04E-07	2.18E-05	8.83E-07	2.36E-05
5793	490490.57, 3859645.94	4.66E-05	1.41E-04	8.14E-05	1.55E-06	3.76E-05	1.52E-06	4.06E-05	2.74E-05	8.27E-05	4.78E-05	9.14E-07	2.21E-05	8.93E-07	2.39E-05
5794	490579.51, 3859688.76	4.62E-05	1.40E-04	8.08E-05	1.54E-06	3.73E-05	1.51E-06	4.04E-05	2.75E-05	8.30E-05	4.80E-05	9.18E-07	2.22E-05	8.97E-07	2.40E-05
5795	490668.45, 3859731.58	4.56E-05	1.38E-04	7.97E-05	1.52E-06	3.68E-05	1.49E-06	3.98E-05	2.73E-05	8.24E-05	4.77E-05	9.12E-07	2.20E-05	8.91E-07	2.38E-05
5796	490757.4, 3859774.4	4.56E-05	1.38E-04	7.97E-05	1.52E-06	3.68E-05	1.49E-06	3.98E-05	2.78E-05	8.38E-05	4.85E-05	9.27E-07	2.24E-05	9.06E-07	2.42E-05
5797	491003.53, 3859861.82	4.33E-05	1.31E-04	7.57E-05	1.45E-06	3.50E-05	1.41E-06	3.78E-05	2.59E-05	7.82E-05	4.53E-05	8.65E-07	2.09E-05	8.46E-07	2.26E-05
5798	491081.41, 3859879.05	4.25E-05	1.28E-04	7.43E-05	1.42E-06	3.43E-05	1.39E-06	3.71E-05	2.50E-05	7.53E-05	4.36E-05	8.33E-07	2.01E-05	8.14E-07	2.18E-05
5799	491229.76, 3859917.82	4.11E-05	1.24E-04	7.18E-05	1.37E-06	3.31E-05	1.34E-06	3.58E-05	2.34E-05	7.08E-05	4.10E-05	7.83E-07	1.89E-05	7.65E-07	2.05E-05
5800	491300.22, 3859939.35	3.94E-05	1.19E-04	6.89E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05	2.23E-05	6.74E-05	3.90E-05	7.46E-07	1.80E-05	7.29E-07	1.95E-05
5801	491350.48, 3860012.03	3.85E-05	1.16E-04	6.73E-05	1.29E-06	3.11E-05	1.26E-06	3.36E-05	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05
5802	491406.82, 3860092.56	3.85E-05	1.16E-04	6.72E-05	1.28E-06	3.10E-05	1.26E-06	3.36E-05	2.31E-05	6.97E-05	4.03E-05	7.71E-07	1.86E-05	7.53E-07	2.01E-05
5803	491483.36, 3860121.96	3.71E-05	1.12E-04	6.48E-05	1.24E-06	2.99E-05	1.21E-06	3.24E-05	2.18E-05	6.57E-05	3.80E-05	7.27E-07	1.76E-05	7.10E-07	1.90E-05
5804	491559.91, 3860151.35	3.58E-05	1.08E-04	6.26E-05	1.20E-06	2.89E-05	1.17E-06	3.13E-05	2.07E-05	6.24E-05	3.61E-05	6.90E-07	1.67E-05	6.75E-07	1.80E-05
5805	491711.81, 3860237.76	3.36E-05	1.01E-04	5.87E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	1.87E-05	5.64E-05	3.27E-05	6.24E-07	1.51E-05	6.10E-07	1.63E-05
5806	491755.2, 3860319.07	3.06E-05	9.24E-05	5.35E-05	1.02E-06	2.47E-05	9.98E-07	2.67E-05	1.82E-05	5.51E-05	3.19E-05	6.09E-07	1.47E-05	5.95E-07	1.59E-05
5807	491704.71, 3860366.54	3.21E-05	9.69E-05	5.61E-05	1.07E-06	2.59E-05	1.05E-06	2.80E-05	2.10E-05	6.34E-05	3.67E-05	7.01E-07	1.69E-05	6.85E-07	1.83E-05
5808	491623.42, 3860462.39	2.12E-05	6.41E-05	3.71E-05	7.09E-07	1.71E-05	6.92E-07	1.85E-05	1.63E-05	4.92E-05	2.85E-05	5.44E-07	1.31E-05	5.31E-07	1.42E-05
5809	491534.02, 3860439.84	1.49E-05	4.50E-05	2.60E-05	4.98E-07	1.20E-05	4.86E-07	1.30E-05	9.71E-06	2.93E-05	1.70E-05	3.24E-07	7.83E-06	3.17E-07	8.47E-06
5810	491313.95, 3860268.17	1.93E-05	5.82E-05	3.37E-05	6.43E-07	1.55E-05	6.29E-07	1.68E-05	1.24E-05	3.75E-05	2.17E-05	4.15E-07	1.00E-05	4.05E-07	1.08E-05
5811	491187.12, 3860143.56	2.51E-05	7.57E-05	4.38E-05	8.38E-07	2.02E-05	8.19E-07	2.19E-05	1.65E-05	4.99E-05	2.89E-05	5.52E-07	1.33E-05	5.40E-07	1.44E-05
5812	491070.43, 3860075.97	2.37E-05	7.16E-05	4.15E-05	7.92E-07	1.91E-05	7.74E-07	2.07E-05	1.54E-05	4.64E-05	2.68E-05	5.13E-07	1.24E-05	5.01E-07	1.34E-05
5813	490995.09, 3860039.38	2.33E-05	7.02E-05	4.07E-05	7.77E-07	1.88E-05	7.59E-07	2.03E-05	1.48E-05	4.48E-05	2.59E-05	4.96E-07	1.20E-05	4.84E-07	1.30E-05
5814	490919.75, 3860002.8	2.35E-05	7.10E-05	4.11E-05	7.85E-07	1.90E-05	7.67E-07	2.05E-05	1.51E-05	4.55E-05	2.63E-05	5.03E-07	1.21E-05	4.91E-07	1.31E-05
5815	490756.81, 3859894.53	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	2.54E-05	7.68E-05	4.45E-05	8.50E-07	2.05E-05	8.30E-07	2.22E-05
5816	490668.07, 3859860.92	3.36E-05	1.01E-04	5.87E-05	1.12E-06	2.71E-05	1.10E-06	2.93E-05	2.44E-05	7.35E-05	4.26E-05	8.13E-07	1.96E-05	7.95E-07	2.13E-05
5817	490579.34, 3859827.3	3.35E-05	1.01E-04	5.85E-05	1.12E-06	2.70E-05	1.09E-06	2.92E-05	2.41E-05	7.26E-05	4.20E-05	8.03E-07	1.94E-05	7.85E-07	2.10E-05
5818	490490.6, 3859793.68	3.28E-05	9.89E-05	5.73E-05	1.09E-06	2.64E-05	1.07E-06	2.86E-05	2.31E-05	6.99E-05	4.05E-05	7.73E-07	1.87E-05	7.55E-07	2.02E-05
5819	490401.86, 3859760.07	3.25E-05	9.81E-05	5.68E-05	1.08E-06	2.62E-05	1.06E-06	2.83E-05	2.26E-05	6.82E-05	3.95E-05	7.54E-07	1.82E-05	7.37E-07	1.97E-05
5820	490313.12, 3859726.45	3.27E-05	9.86E-05	5.71E-05	1.09E-06	2.64E-05	1.07E-06	2.85E-05	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05
5821	490224.39, 3859692.83	3.29E-05	9.95E-05	5.76E-05	1.10E-06	2.66E-05	1.07E-06	2.87E-05	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05
5822	490135.65, 3859659.22	3.31E-05	9.99E-05	5.78E-05	1.11E-06	2.67E-05	1.08E-06	2.89E-05	2.24E-05	6.77E-05	3.92E-05	7.49E-07	1.81E-05	7.32E-07	1.96E-05
5823	489918.18, 3859559.23	3.60E-05	1.09E-04	6.29E-05	1.20E-06	2.90E-05	1.17E-06	3.14E-05	2.42E-05	7.30E-05	4.22E-05	8.07E-07	1.95E-05	7.89E-07	2.11E-05
5824	489743.61, 3859486	3.31E-05	9.99E-05	5.78E-05	1.10E-06	2.67E-05	1.08E-06	2.89E-05	2.05E-05	6.19E-05	3.58E-05	6.85E-07	1.65E-05	6.69E-07	1.79E-05

5825	489660.32, 3859440.27	3.40E-05	1.03E-04	5.94E-05	1.13E-06	2.74E-05	1.11E-06	2.96E-05	2.09E-05	6.32E-05	3.66E-05	6.99E-07	1.69E-05	6.83E-07	1.83E-05
5826	489577.04, 3859394.53	3.47E-05	1.05E-04	6.07E-05	1.16E-06	2.80E-05	1.13E-06	3.03E-05	2.13E-05	6.43E-05	3.72E-05	7.11E-07	1.72E-05	6.95E-07	1.86E-05
5827	489493.75, 3859348.8	3.54E-05	1.07E-04	6.18E-05	1.18E-06	2.85E-05	1.15E-06	3.09E-05	2.16E-05	6.52E-05	3.77E-05	7.21E-07	1.74E-05	7.05E-07	1.88E-05
5828	489321.28, 3859240.02	4.05E-05	1.22E-04	7.08E-05	1.35E-06	3.27E-05	1.32E-06	3.53E-05	2.52E-05	7.62E-05	4.41E-05	8.43E-07	2.04E-05	8.24E-07	2.20E-05
5829	489235.41, 3859193.96	4.24E-05	1.28E-04	7.41E-05	1.42E-06	3.42E-05	1.38E-06	3.70E-05	2.61E-05	7.88E-05	4.56E-05	8.71E-07	2.10E-05	8.52E-07	2.28E-05
5830	489149.54, 3859147.89	4.27E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.39E-06	3.73E-05	2.60E-05	7.85E-05	4.54E-05	8.68E-07	2.10E-05	8.48E-07	2.27E-05
5831	489063.68, 3859101.82	4.51E-05	1.36E-04	7.88E-05	1.51E-06	3.64E-05	1.47E-06	3.94E-05	2.71E-05	8.19E-05	4.74E-05	9.06E-07	2.19E-05	8.85E-07	2.37E-05
5832	488977.81, 3859055.75	4.90E-05	1.48E-04	8.57E-05	1.64E-06	3.95E-05	1.60E-06	4.28E-05	2.90E-05	8.75E-05	5.07E-05	9.68E-07	2.34E-05	9.46E-07	2.53E-05
5833	488891.94, 3859009.69	5.50E-05	1.66E-04	9.61E-05	1.84E-06	4.43E-05	1.79E-06	4.80E-05	3.17E-05	9.57E-05	5.54E-05	1.06E-06	2.56E-05	1.03E-06	2.77E-05
5834	488808, 3859060.73	5.43E-05	1.64E-04	9.50E-05	1.81E-06	4.38E-05	1.77E-06	4.74E-05	2.82E-05	8.51E-05	4.93E-05	9.41E-07	2.27E-05	9.20E-07	2.46E-05
5835	488809.93, 3859157.85	5.16E-05	1.56E-04	9.02E-05	1.72E-06	4.16E-05	1.68E-06	4.50E-05	2.61E-05	7.89E-05	4.57E-05	8.73E-07	2.11E-05	8.53E-07	2.28E-05
5836	488811.85, 3859254.96	5.00E-05	1.51E-04	8.75E-05	1.67E-06	4.04E-05	1.63E-06	4.37E-05	2.51E-05	7.58E-05	4.39E-05	8.38E-07	2.03E-05	8.19E-07	2.19E-05
5837	488813.78, 3859352.07	4.90E-05	1.48E-04	8.57E-05	1.64E-06	3.95E-05	1.60E-06	4.28E-05	2.44E-05	7.38E-05	4.27E-05	8.16E-07	1.97E-05	7.98E-07	2.13E-05
5838	488815.71, 3859449.19	4.87E-05	1.47E-04	8.52E-05	1.63E-06	3.93E-05	1.59E-06	4.25E-05	2.42E-05	7.31E-05	4.23E-05	8.09E-07	1.95E-05	7.90E-07	2.11E-05
5839	488910.04, 3859547.1	4.63E-05	1.40E-04	8.10E-05	1.55E-06	3.74E-05	1.51E-06	4.04E-05	2.30E-05	6.95E-05	4.02E-05	7.68E-07	1.86E-05	7.51E-07	2.01E-05
5840	489002.45, 3859547.91	4.33E-05	1.31E-04	7.56E-05	1.44E-06	3.49E-05	1.41E-06	3.77E-05	2.16E-05	6.51E-05	3.77E-05	7.20E-07	1.74E-05	7.03E-07	1.88E-05
5841	489094.85, 3859548.71	4.07E-05	1.23E-04	7.11E-05	1.36E-06	3.28E-05	1.33E-06	3.55E-05	2.03E-05	6.14E-05	3.55E-05	6.79E-07	1.64E-05	6.63E-07	1.77E-05
5842	489230.05, 3859601.87	3.94E-05	1.19E-04	6.89E-05	1.32E-06	3.18E-05	1.29E-06	3.44E-05	1.98E-05	5.97E-05	3.45E-05	6.60E-07	1.59E-05	6.45E-07	1.72E-05
5843	489227.52, 3859680.89	3.83E-05	1.16E-04	6.70E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	1.91E-05	5.78E-05	3.34E-05	6.39E-07	1.54E-05	6.24E-07	1.67E-05
5844	489133.47, 3859760.29	2.86E-05	8.64E-05	5.00E-05	9.56E-07	2.31E-05	9.34E-07	2.50E-05	1.43E-05	4.33E-05	2.51E-05	4.79E-07	1.16E-05	4.68E-07	1.25E-05
5845	489041.96, 3859760.67	2.98E-05	9.01E-05	5.21E-05	9.96E-07	2.41E-05	9.73E-07	2.60E-05	1.49E-05	4.50E-05	2.60E-05	4.97E-07	1.20E-05	4.86E-07	1.30E-05
5846	488950.45, 3859761.05	3.05E-05	9.21E-05	5.33E-05	1.02E-06	2.46E-05	9.95E-07	2.66E-05	1.52E-05	4.59E-05	2.66E-05	5.08E-07	1.23E-05	4.96E-07	1.33E-05
5847	488858.94, 3859761.43	3.10E-05	9.37E-05	5.42E-05	1.04E-06	2.50E-05	1.01E-06	2.71E-05	1.54E-05	4.66E-05	2.70E-05	5.16E-07	1.25E-05	5.04E-07	1.35E-05
5848	488767.43, 3859761.82	3.17E-05	9.56E-05	5.53E-05	1.06E-06	2.55E-05	1.03E-06	2.76E-05	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05
5849	488675.92, 3859762.2	3.26E-05	9.85E-05	5.70E-05	1.09E-06	2.63E-05	1.06E-06	2.85E-05	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.28E-07	1.41E-05
5850	488584.41, 3859762.58	3.44E-05	1.04E-04	6.01E-05	1.15E-06	2.77E-05	1.12E-06	3.00E-05	1.70E-05	5.14E-05	2.97E-05	5.68E-07	1.37E-05	5.55E-07	1.48E-05
5851	488492.9, 3859762.96	3.81E-05	1.15E-04	6.65E-05	1.27E-06	3.07E-05	1.24E-06	3.32E-05	1.88E-05	5.68E-05	3.29E-05	6.28E-07	1.52E-05	6.14E-07	1.64E-05
5852	488402.76, 3859830.95	4.50E-05	1.36E-04	7.87E-05	1.50E-06	3.63E-05	1.47E-06	3.93E-05	2.22E-05	6.69E-05	3.87E-05	7.40E-07	1.79E-05	7.23E-07	1.93E-05
5853	488404.14, 3859898.55	4.57E-05	1.38E-04	7.99E-05	1.53E-06	3.69E-05	1.49E-06	3.99E-05	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05
5854	488505.18, 3859964.96	4.59E-05	1.38E-04	8.02E-05	1.53E-06	3.70E-05	1.50E-06	4.00E-05	2.26E-05	6.81E-05	3.94E-05	7.53E-07	1.82E-05	7.36E-07	1.97E-05
5855	488604.84, 3859963.76	4.38E-05	1.32E-04	7.65E-05	1.46E-06	3.53E-05	1.43E-06	3.82E-05	2.16E-05	6.51E-05	3.77E-05	7.20E-07	1.74E-05	7.04E-07	1.88E-05
5856	488704.51, 3859962.56	4.27E-05	1.29E-04	7.47E-05	1.43E-06	3.45E-05	1.39E-06	3.73E-05	2.11E-05	6.36E-05	3.68E-05	7.03E-07	1.70E-05	6.87E-07	1.84E-05
5857	488804.18, 3859961.37	4.19E-05	1.27E-04	7.33E-05	1.40E-06	3.38E-05	1.37E-06	3.66E-05	2.07E-05	6.24E-05	3.61E-05	6.91E-07	1.67E-05	6.75E-07	1.80E-05
5858	488903.85, 3859960.17	4.12E-05	1.24E-04	7.20E-05	1.38E-06	3.32E-05	1.34E-06	3.59E-05	2.03E-05	6.14E-05	3.55E-05	6.79E-07	1.64E-05	6.63E-07	1.77E-05
5859	489003.52, 3859958.97	4.02E-05	1.21E-04	7.02E-05	1.34E-06	3.24E-05	1.31E-06	3.51E-05	1.99E-05	5.99E-05	3.47E-05	6.63E-07	1.60E-05	6.48E-07	1.73E-05
5860	489103.18, 3859957.77	3.80E-05	1.15E-04	6.65E-05	1.27E-06	3.07E-05	1.24E-06	3.32E-05	1.88E-05	5.69E-05	3.29E-05	6.29E-07	1.52E-05	6.15E-07	1.64E-05
5861	489201.48, 3860046.59	4.21E-05	1.27E-04	7.36E-05	1.41E-06	3.40E-05	1.37E-06	3.67E-05	2.08E-05	6.28E-05	3.64E-05	6.95E-07	1.68E-05	6.79E-07	1.82E-05
5862	489200.11, 3860136.61	4.31E-05	1.30E-04	7.54E-05	1.44E-06	3.48E-05	1.41E-06	3.76E-05	2.13E-05	6.42E-05	3.72E-05	7.11E-07	1.72E-05	6.94E-07	1.86E-05
5863	489198.74, 3860226.63	4.31E-05	1.30E-04	7.53E-05	1.44E-06	3.48E-05	1.41E-06	3.76E-05	2.12E-05	6.41E-05	3.71E-05	7.09E-07	1.71E-05	6.93E-07	1.85E-05
5864	489197.38, 3860316.66	4.22E-05	1.27E-04	7.38E-05	1.41E-06	3.41E-05	1.38E-06	3.68E-05	2.08E-05	6.28E-05	3.64E-05	6.94E-07	1.68E-05	6.79E-07	1.81E-05
5865	489196.01, 3860406.68	4.08E-05	1.23E-04	7.12E-05	1.36E-06	3.29E-05	1.33E-06	3.56E-05	2.01E-05	6.06E-05	3.51E-05	6.70E-07	1.62E-05	6.55E-07	1.75E-05
5866	489194.64, 3860496.7	3.83E-05	1.16E-04	6.69E-05	1.28E-06	3.09E-05	1.25E-06	3.34E-05	1.89E-05	5.69E-05	3.30E-05	6.29E-07	1.52E-05	6.15E-07	1.65E-05
5867	489193.27, 3860586.72	3.34E-05	1.01E-04	5.84E-05	1.12E-06	2.70E-05	1.09E-06	2.92E-05	1.65E-05	4.97E-05	2.88E-05	5.50E-07	1.33E-05	5.38E-07	1.44E-05
5868	489092.02, 3860678.13	1.86E-05	5.60E-05	3.24E-05	6.19E-07	1.50E-05	6.05E-07	1.62E-05	9.22E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06
5869	488992.13, 3860679.53	1.91E-05	5.77E-05	3.34E-05	6.38E-07	1.54E-05	6.24E-07	1.67E-05	9.49E-06	2.86E-05	1.66E-05	3.17E-07	7.65E-06	3.10E-07	8.28E-06
5870	488892.24, 3860680.92	1.93E-05	5.83E-05	3.38E-05	6.45E-07	1.56E-05	6.30E-07	1.69E-05	9.58E-06	2.89E-05	1.67E-05	3.20E-07	7.73E-06	3.13E-07	8.36E-06
5871	488792.36, 3860682.31	1.95E-05	5.88E-05	3.40E-05	6.50E-07	1.57E-05	6.35E-07	1.70E-05	9.65E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.42E-06
5872	488692.48, 3860683.7	1.97E-05	5.95E-05	3.44E-05	6.58E-07	1.59E-05	6.43E-07	1.72E-05	9.76E-06	2.95E-05	1.71E-05	3.26E-07	7.87E-06	3.18E-07	8.52E-06
5873	488592.59, 3860685.09	2.03E-05	6.13E-05	3.55E-05	6.78E-07	1.64E-05	6.63E-07	1.77E-05	1.01E-05	3.03E-05	1.76E-05	3.36E-07	8.11E-06	3.28E-07	8.77E-06
5874	488492.71, 3860686.49	2.23E-05	6.73E-05	3.90E-05	7.44E-07	1.80E-05	7.27E-07	1.94E-05	1.10E-05	3.32E-05	1.92E-05	3.68E-07	8.88E-06	3.59E-07	9.61E-06
5875	488299.07, 3860762.18	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.46E-07	1.19E-05	6.81E-06	2.06E-05	1.19E-05	2.27E-07	5.50E-06	2.22E-07	5.94E-06
5876	488205.32, 3860764.09	1.32E-05	3.97E-05	2.30E-05	4.40E-07	1.06E-05	4.29E-07	1.15E-05	6.56E-06	1.98E-05	1.15E-05	2.19E-07	5.29E-06	2.14E-07	5.72E-06
5877	488111.56, 3860766	1.20E-05	3.61E-05	2.09E-05	3.99E-07	9.65E-06	3.90E-07	1.04E-05	5.97E-06	1.80E-05	1.04E-05	1.99E-07	4.82E-06	1.95E-07	5.21E-06
5878	488017.81, 3860767.91	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.30E-07	8.84E-06	5.07E-06	1.53E-05	8.87E-06	1.69E-07	4.09E-06	1.66E-07	4.43E-06
5879	487924.06, 3860769.81	7.89E-06	2.38E-05	1.38E-05	2.64E-07	6.37E-06	2.58E-07	6.89E-06	3.98E-06	1.20E-05	6.96E-06	1.33E-07	3.21E-06	1.30E-07	3.48E-06
5880	487830.31, 3860771.72	6.62E-06	2.00E-05	1.16E-05	2.21E-07	5.34E-06	2.16E-07	5.77E-06	3.36E-06	1.01E-05	5.87E-06	1.12E-07	2.71E-06	1.10E-07	2.93E-06
5881	487736.55, 3860773.63	5.73E-06	1.73E-05	1.00E-05	1.91E-07	4.62E-06	1.87E-07	5.00E-06	2.93E-06	8.83E-06	5.11E-06	9.77E-08	2.36E-06	9.55E-08	2.55E-06
5882	487642.8, 3860775.54	5.18E-06	1.56E-05	9.05E-06	1.73E-07	4.18E-06	1.69E-07	4.52E-06	2.65E-06	8.01E-06	4.64E-06	8.86E-08	2.14E-06	8.66E-08	2.32E-06
5883	487549.48, 3860684.71	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06	2.96E-06	8.93E-06	5.17E-06	9.88E-08	2.39E-06	9.65E-08	2.58E-06
5884	487549.91, 3860591.97	7.23E-06	2.18E-05	1.26E-05	2.41E-07	5.83E-06	2.36E-07	6.31E-06	3.66E-06	1.11E-05	6.40E-06	1.22E-07	2.95E-06	1.19E-07	3.19E-06
5885	487550.34, 3860499.23	9.21E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06	4.63E-06	1.40E-05	8.09E-06	1.55E-07	3.73E-06	1.51E-07	4.04E-06
5886	487550.76, 3860406.49	1.22E-05	3.68E-05	2.13E-05	4.07E-07	9.84E-06	3.98E-07	1.06E-05	6.09E-06	1.84E-05	1.06E-05	2.03E-07	4.91E-06	1.99E-07	5.31E-06

5887	487551.19, 3860313.75	1.72E-05	5.20E-05	3.01E-05	5.75E-07	1.39E-05	5.62E-07	1.50E-05	8.54E-06	2.58E-05	1.49E-05	2.85E-07	6.89E-06	2.79E-07	7.45E-06
5888	487551.62, 3860221.01	1.93E-05	5.83E-05	3.37E-05	6.45E-07	1.56E-05	6.30E-07	1.68E-05	9.56E-06	2.89E-05	1.67E-05	3.19E-07	7.71E-06	3.12E-07	8.34E-06
5889	487552.05, 3860128.27	2.01E-05	6.08E-05	3.52E-05	6.72E-07	1.62E-05	6.57E-07	1.76E-05	9.97E-06	3.01E-05	1.74E-05	3.33E-07	8.04E-06	3.25E-07	8.70E-06
5890	487552.48, 3860035.53	2.08E-05	6.27E-05	3.63E-05	6.93E-07	1.67E-05	6.77E-07	1.81E-05	1.03E-05	3.11E-05	1.80E-05	3.43E-07	8.30E-06	3.36E-07	8.98E-06
5891	487552.91, 3859942.79	2.13E-05	6.44E-05	3.73E-05	7.12E-07	1.72E-05	6.96E-07	1.86E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.52E-06	3.45E-07	9.22E-06
5892	487553.33, 3859850.05	2.19E-05	6.62E-05	3.83E-05	7.32E-07	1.77E-05	7.16E-07	1.91E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.49E-06
5893	487553.76, 3859757.31	2.27E-05	6.85E-05	3.97E-05	7.58E-07	1.83E-05	7.40E-07	1.98E-05	1.12E-05	3.40E-05	1.97E-05	3.76E-07	9.07E-06	3.67E-07	9.82E-06
5894	487554.19, 3859664.57	2.42E-05	7.30E-05	4.23E-05	8.07E-07	1.95E-05	7.89E-07	2.11E-05	1.20E-05	3.62E-05	2.09E-05	4.00E-07	9.66E-06	3.91E-07	1.05E-05
5895	487460.2, 3859571.05	2.42E-05	7.32E-05	4.24E-05	8.10E-07	1.96E-05	7.91E-07	2.12E-05	1.20E-05	3.63E-05	2.10E-05	4.01E-07	9.69E-06	3.92E-07	1.05E-05
5896	487365.78, 3859570.27	2.05E-05	6.19E-05	3.58E-05	6.85E-07	1.65E-05	6.69E-07	1.79E-05	1.02E-05	3.08E-05	1.78E-05	3.40E-07	8.22E-06	3.33E-07	8.89E-06
5897	487271.36, 3859569.48	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05	8.24E-06	2.49E-05	1.44E-05	2.75E-07	6.64E-06	2.69E-07	7.19E-06
5898	487176.94, 3859568.7	1.35E-05	4.07E-05	2.35E-05	4.50E-07	1.09E-05	4.40E-07	1.18E-05	6.76E-06	2.04E-05	1.18E-05	2.26E-07	5.45E-06	2.21E-07	5.90E-06
5899	487082.51, 3859567.92	1.15E-05	3.47E-05	2.01E-05	3.84E-07	9.28E-06	3.75E-07	1.00E-05	5.80E-06	1.75E-05	1.01E-05	1.94E-07	4.68E-06	1.89E-07	5.06E-06
5900	486988.09, 3859567.14	1.01E-05	3.06E-05	1.77E-05	3.39E-07	8.18E-06	3.31E-07	8.85E-06	5.13E-06	1.55E-05	8.96E-06	1.71E-07	4.13E-06	1.67E-07	4.47E-06
5901	486893.67, 3859566.36	9.09E-06	2.74E-05	1.59E-05	3.03E-07	7.33E-06	2.97E-07	7.93E-06	4.61E-06	1.39E-05	8.06E-06	1.54E-07	3.72E-06	1.50E-07	4.02E-06
5902	486799.25, 3859565.58	8.27E-06	2.50E-05	1.45E-05	2.76E-07	6.67E-06	2.70E-07	7.22E-06	4.21E-06	1.27E-05	7.36E-06	1.41E-07	3.40E-06	1.37E-07	3.67E-06
5903	486704.83, 3859564.79	7.65E-06	2.31E-05	1.34E-05	2.55E-07	6.17E-06	2.50E-07	6.68E-06	3.90E-06	1.18E-05	6.82E-06	1.30E-07	3.15E-06	1.27E-07	3.41E-06
5904	486610.41, 3859564.01	7.16E-06	2.16E-05	1.25E-05	2.39E-07	5.77E-06	2.34E-07	6.25E-06	3.66E-06	1.11E-05	6.40E-06	1.22E-07	2.95E-06	1.19E-07	3.19E-06
5905	486515.99, 3859563.23	6.74E-06	2.03E-05	1.18E-05	2.25E-07	5.43E-06	2.20E-07	5.88E-06	3.45E-06	1.04E-05	6.03E-06	1.15E-07	2.78E-06	1.13E-07	3.01E-06
5906	486421.57, 3859562.45	6.36E-06	1.92E-05	1.11E-05	2.13E-07	5.13E-06	2.08E-07	5.55E-06	3.27E-06	9.86E-06	5.71E-06	1.09E-07	2.63E-06	1.07E-07	2.85E-06
5907	486327.14, 3859561.67	6.03E-06	1.82E-05	1.05E-05	2.01E-07	4.86E-06	1.97E-07	5.26E-06	3.10E-06	9.36E-06	5.42E-06	1.03E-07	2.50E-06	1.01E-07	2.70E-06
5908	486232.72, 3859560.89	5.71E-06	1.72E-05	9.98E-06	1.91E-07	4.61E-06	1.86E-07	4.98E-06	2.94E-06	8.88E-06	5.14E-06	9.82E-08	2.37E-06	9.60E-08	2.57E-06
5909	486138.3, 3859560.1	5.43E-06	1.64E-05	9.49E-06	1.81E-07	4.38E-06	1.77E-07	4.74E-06	2.80E-06	8.46E-06	4.90E-06	9.35E-08	2.26E-06	9.14E-08	2.44E-06
5910	486043.88, 3859559.32	5.16E-06	1.56E-05	9.03E-06	1.72E-07	4.17E-06	1.69E-07	4.51E-06	2.67E-06	8.06E-06	4.67E-06	8.92E-08	2.15E-06	8.71E-08	2.33E-06
5911	485949.35, 3859463.54	5.23E-06	1.58E-05	9.15E-06	1.75E-07	4.22E-06	1.71E-07	4.57E-06	2.70E-06	8.17E-06	4.73E-06	9.03E-08	2.18E-06	8.83E-08	2.36E-06
5912	485949.24, 3859368.55	5.56E-06	1.68E-05	9.72E-06	1.86E-07	4.49E-06	1.82E-07	4.85E-06	2.87E-06	8.67E-06	5.02E-06	9.59E-08	2.32E-06	9.37E-08	2.51E-06
5913	485949.12, 3859273.55	5.91E-06	1.79E-05	1.03E-05	1.98E-07	4.77E-06	1.93E-07	5.16E-06	3.05E-06	9.20E-06	5.33E-06	1.02E-07	2.46E-06	9.94E-08	2.66E-06
5914	485949.01, 3859178.56	6.29E-06	1.90E-05	1.10E-05	2.10E-07	5.07E-06	2.05E-07	5.49E-06	3.24E-06	9.77E-06	5.66E-06	1.08E-07	2.61E-06	1.06E-07	2.82E-06
5915	485948.9, 3859083.56	6.69E-06	2.02E-05	1.17E-05	2.23E-07	5.40E-06	2.18E-07	5.84E-06	3.44E-06	1.04E-05	6.01E-06	1.15E-07	2.77E-06	1.12E-07	3.00E-06
5916	485948.79, 3858988.56	7.09E-06	2.14E-05	1.24E-05	2.37E-07	5.72E-06	2.31E-07	6.19E-06	3.64E-06	1.10E-05	6.36E-06	1.22E-07	2.94E-06	1.19E-07	3.18E-06
5917	485948.67, 3858893.57	7.49E-06	2.26E-05	1.31E-05	2.50E-07	6.04E-06	2.44E-07	6.54E-06	3.84E-06	1.16E-05	6.72E-06	1.28E-07	3.10E-06	1.25E-07	3.35E-06
5918	485948.56, 3858798.57	7.89E-06	2.38E-05	1.38E-05	2.63E-07	6.36E-06	2.57E-07	6.88E-06	4.05E-06	1.22E-05	7.07E-06	1.35E-07	3.26E-06	1.32E-07	3.53E-06
5919	485948.45, 3858703.58	8.27E-06	2.50E-05	1.45E-05	2.76E-07	6.67E-06	2.70E-07	7.21E-06	4.24E-06	1.28E-05	7.41E-06	1.42E-07	3.42E-06	1.38E-07	3.70E-06
5920	485948.34, 3858608.58	8.68E-06	2.62E-05	1.52E-05	2.90E-07	7.00E-06	2.83E-07	7.57E-06	4.45E-06	1.34E-05	7.78E-06	1.49E-07	3.59E-06	1.45E-07	3.89E-06
5921	485948.22, 3858513.59	9.12E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.97E-07	7.96E-06	4.68E-06	1.41E-05	8.18E-06	1.56E-07	3.78E-06	1.53E-07	4.09E-06
5922	485948.11, 3858418.59	9.62E-06	2.90E-05	1.68E-05	3.21E-07	7.76E-06	3.14E-07	8.39E-06	4.94E-06	1.49E-05	8.64E-06	1.65E-07	3.99E-06	1.61E-07	4.31E-06
5923	485948, 3858323.59	1.02E-05	3.09E-05	1.79E-05	3.42E-07	8.26E-06	3.34E-07	8.94E-06	5.27E-06	1.59E-05	9.20E-06	1.76E-07	4.25E-06	1.72E-07	4.59E-06
5924	485947.89, 3858228.6	1.11E-05	3.34E-05	1.93E-05	3.69E-07	8.91E-06	3.61E-07	9.64E-06	5.68E-06	1.71E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06
5925	485947.77, 3858133.6	1.22E-05	3.68E-05	2.13E-05	4.07E-07	9.83E-06	3.98E-07	1.06E-05	6.26E-06	1.89E-05	1.09E-05	2.09E-07	5.05E-06	2.04E-07	5.46E-06
5926	485947.66, 3858038.61	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.47E-07	1.20E-05	7.03E-06	2.12E-05	1.23E-05	2.35E-07	5.67E-06	2.29E-07	6.13E-06
5927	485854.54, 3857943.35	1.43E-05	4.33E-05	2.51E-05	4.79E-07	1.16E-05	4.68E-07	1.25E-05	7.35E-06	2.22E-05	1.28E-05	2.45E-07	5.93E-06	2.40E-07	6.41E-06
5928	485761.52, 3857943.09	1.24E-05	3.73E-05	2.16E-05	4.13E-07	9.97E-06	4.03E-07	1.08E-05	6.36E-06	1.92E-05	1.11E-05	2.12E-07	5.13E-06	2.08E-07	5.55E-06
5929	485668.51, 3857942.83	1.10E-05	3.32E-05	1.92E-05	3.68E-07	8.88E-06	3.59E-07	9.60E-06	5.68E-06	1.72E-05	9.93E-06	1.90E-07	4.58E-06	1.85E-07	4.96E-06
5930	485575.5, 3857942.56	9.99E-06	3.02E-05	1.75E-05	3.34E-07	8.06E-06	3.26E-07	8.72E-06	5.17E-06	1.56E-05	9.04E-06	1.73E-07	4.17E-06	1.69E-07	4.51E-06
5931	485482.48, 3857942.3	9.21E-06	2.78E-05	1.61E-05	3.08E-07	7.43E-06	3.01E-07	8.04E-06	4.77E-06	1.44E-05	8.34E-06	1.59E-07	3.85E-06	1.56E-07	4.17E-06
5932	485389.47, 3857942.04	8.57E-06	2.59E-05	1.50E-05	2.86E-07	6.91E-06	2.80E-07	7.48E-06	4.45E-06	1.34E-05	7.77E-06	1.49E-07	3.59E-06	1.45E-07	3.88E-06
5933	485296.46, 3857941.78	8.03E-06	2.42E-05	1.40E-05	2.68E-07	6.48E-06	2.62E-07	7.01E-06	4.17E-06	1.26E-05	7.29E-06	1.39E-07	3.37E-06	1.36E-07	3.64E-06
5934	485203.45, 3857941.52	7.58E-06	2.29E-05	1.32E-05	2.53E-07	6.11E-06	2.47E-07	6.61E-06	3.94E-06	1.19E-05	6.89E-06	1.32E-07	3.18E-06	1.29E-07	3.44E-06
5935	485110.43, 3857941.26	7.18E-06	2.17E-05	1.25E-05	2.40E-07	5.79E-06	2.34E-07	6.26E-06	3.74E-06	1.13E-05	6.53E-06	1.25E-07	3.01E-06	1.22E-07	3.26E-06
5936	485017.42, 3857940.99	6.83E-06	2.06E-05	1.19E-05	2.28E-07	5.51E-06	2.23E-07	5.96E-06	3.56E-06	1.07E-05	6.22E-06	1.19E-07	2.87E-06	1.16E-07	3.10E-06
5937	484924.41, 3857940.73	6.52E-06	1.97E-05	1.14E-05	2.18E-07	5.26E-06	2.13E-07	5.69E-06	3.40E-06	1.03E-05	5.94E-06	1.13E-07	2.74E-06	1.11E-07	2.96E-06
5938	484831.39, 3857940.47	6.24E-06	1.88E-05	1.09E-05	2.08E-07	5.03E-06	2.04E-07	5.44E-06	3.25E-06	9.81E-06	5.68E-06	1.09E-07	2.62E-06	1.06E-07	2.84E-06
5939	484738.12, 3857859.3	6.28E-06	1.90E-05	1.10E-05	2.10E-07	5.06E-06	2.05E-07	5.48E-06	3.27E-06	9.87E-06	5.72E-06	1.09E-07	2.64E-06	1.07E-07	2.85E-06
5940	484737.85, 3857778.4	6.64E-06	2.00E-05	1.16E-05	2.22E-07	5.35E-06	2.17E-07	5.79E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
5941	484737.59, 3857697.49	7.08E-06	2.14E-05	1.24E-05	2.36E-07	5.71E-06	2.31E-07	6.17E-06	3.68E-06	1.11E-05	6.43E-06	1.23E-07	2.97E-06	1.20E-07	3.21E-06
5942	484737.32, 3857616.59	7.62E-06	2.30E-05	1.33E-05	2.54E-07	6.14E-06	2.49E-07	6.65E-06	3.95E-06	1.19E-05	6.91E-06	1.32E-07	3.19E-06	1.29E-07	3.45E-06
5943	484645.53, 3857535.18	7.94E-06	2.40E-05	1.39E-05	2.65E-07	6.41E-06	2.59E-07	6.93E-06	4.11E-06	1.24E-05	7.19E-06	1.37E-07	3.32E-06	1.34E-07	3.59E-06
5944	484553.99, 3857534.67	7.58E-06	2.29E-05	1.33E-05	2.53E-07	6.11E-06	2.47E-07	6.62E-06	3.93E-06	1.19E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
5945	484462.46, 3857534.17	7.25E-06	2.19E-05	1.27E-05	2.42E-07	5.85E-06	2.37E-07	6.33E-06	3.76E-06	1.13E-05	6.57E-06	1.25E-07	3.03E-06	1.23E-07	3.28E-06
5946	484370.93, 3857533.66	6.95E-06	2.10E-05	1.21E-05	2.32E-07	5.61E-06	2.27E-07	6.06E-06	3.60E-06	1.09E-05	6.29E-06	1.20E-07	2.90E-06	1.17E-07	3.14E-06
5947	484279.4, 3857533.16	6.67E-06	2.01E-05	1.17E-05	2.23E-07	5.38E-06	2.18E-07	5.82E-06	3.46E-06	1.04E-05	6.04E-06	1.15E-07	2.79E-06	1.13E-07	3.02E-06
5948	484187.86, 3857532.65	6.40E-06	1.93E-05	1.12E-05	2.14E-07	5.16E-06	2.09E-07	5.59E-06	3.32E-06	1.00E-05	5.80E-06	1.11E-07	2.68E-06	1.08E-07	2.90E-06

5949	484096.33, 3857532.15	6.14E-06	1.85E-05	1.07E-05	2.05E-07	4.95E-06	2.00E-07	5.36E-06	3.18E-06	9.62E-06	5.57E-06	1.06E-07	2.57E-06	1.04E-07	2.78E-06
5950	484004.8, 3857531.64	5.91E-06	1.78E-05	1.03E-05	1.97E-07	4.77E-06	1.93E-07	5.16E-06	3.07E-06	9.26E-06	5.36E-06	1.02E-07	2.47E-06	1.00E-07	2.68E-06
5951	483913.27, 3857531.14	5.71E-06	1.72E-05	9.98E-06	1.91E-07	4.61E-06	1.86E-07	4.98E-06	2.96E-06	8.95E-06	5.18E-06	9.90E-08	2.39E-06	9.67E-08	2.59E-06
5952	483821.73, 3857530.63	5.56E-06	1.68E-05	9.71E-06	1.86E-07	4.48E-06	1.81E-07	4.85E-06	2.88E-06	8.71E-06	5.04E-06	9.63E-08	2.33E-06	9.41E-08	2.52E-06
5953	483729.61, 3857450.11	5.84E-06	1.76E-05	1.02E-05	1.95E-07	4.71E-06	1.90E-07	5.09E-06	3.02E-06	9.12E-06	5.28E-06	1.01E-07	2.44E-06	9.86E-08	2.64E-06
5954	483729.03, 3857370.08	6.39E-06	1.93E-05	1.12E-05	2.13E-07	5.15E-06	2.08E-07	5.57E-06	3.30E-06	9.95E-06	5.76E-06	1.10E-07	2.66E-06	1.08E-07	2.88E-06
5955	483728.44, 3857290.06	7.19E-06	2.17E-05	1.26E-05	2.40E-07	5.80E-06	2.35E-07	6.28E-06	3.69E-06	1.12E-05	6.46E-06	1.23E-07	2.98E-06	1.21E-07	3.22E-06
5956	483727.86, 3857210.03	8.42E-06	2.54E-05	1.47E-05	2.81E-07	6.80E-06	2.75E-07	7.35E-06	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.75E-06
5957	483641.15, 3857129.07	9.12E-06	2.75E-05	1.59E-05	3.04E-07	7.35E-06	2.98E-07	7.96E-06	4.64E-06	1.40E-05	8.11E-06	1.55E-07	3.74E-06	1.51E-07	4.05E-06
5958	483555.03, 3857128.14	8.29E-06	2.50E-05	1.45E-05	2.77E-07	6.69E-06	2.70E-07	7.23E-06	4.23E-06	1.28E-05	7.39E-06	1.41E-07	3.41E-06	1.38E-07	3.69E-06
5959	483468.91, 3857127.2	7.68E-06	2.32E-05	1.34E-05	2.56E-07	6.19E-06	2.50E-07	6.70E-06	3.93E-06	1.19E-05	6.86E-06	1.31E-07	3.17E-06	1.28E-07	3.43E-06
5960	483382.78, 3857126.26	7.20E-06	2.17E-05	1.26E-05	2.40E-07	5.81E-06	2.35E-07	6.28E-06	3.69E-06	1.11E-05	6.45E-06	1.23E-07	2.98E-06	1.20E-07	3.22E-06
5961	483296.66, 3857125.32	6.80E-06	2.05E-05	1.19E-05	2.27E-07	5.48E-06	2.22E-07	5.93E-06	3.49E-06	1.05E-05	6.10E-06	1.17E-07	2.81E-06	1.14E-07	3.05E-06
5962	483210.54, 3857124.39	6.44E-06	1.95E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06	3.31E-06	1.00E-05	5.79E-06	1.11E-07	2.67E-06	1.08E-07	2.89E-06
5963	483123.4, 3857030.96	6.62E-06	2.00E-05	1.16E-05	2.21E-07	5.34E-06	2.16E-07	5.78E-06	3.40E-06	1.03E-05	5.94E-06	1.14E-07	2.74E-06	1.11E-07	2.97E-06
5964	483122.38, 3856938.46	7.18E-06	2.17E-05	1.25E-05	2.40E-07	5.79E-06	2.34E-07	6.26E-06	3.68E-06	1.11E-05	6.43E-06	1.23E-07	2.96E-06	1.20E-07	3.21E-06
5965	483121.35, 3856845.97	7.79E-06	2.35E-05	1.36E-05	2.60E-07	6.29E-06	2.54E-07	6.80E-06	3.98E-06	1.20E-05	6.96E-06	1.33E-07	3.21E-06	1.30E-07	3.47E-06
5966	483120.33, 3856753.47	8.44E-06	2.55E-05	1.48E-05	2.82E-07	6.81E-06	2.75E-07	7.36E-06	4.30E-06	1.30E-05	7.52E-06	1.44E-07	3.47E-06	1.40E-07	3.75E-06
5967	483119.31, 3856660.98	9.10E-06	2.75E-05	1.59E-05	3.04E-07	7.34E-06	2.97E-07	7.94E-06	4.63E-06	1.40E-05	8.09E-06	1.55E-07	3.73E-06	1.51E-07	4.04E-06
5968	483118.29, 3856568.49	9.78E-06	2.95E-05	1.71E-05	3.26E-07	7.89E-06	3.19E-07	8.53E-06	4.97E-06	1.50E-05	8.68E-06	1.66E-07	4.01E-06	1.62E-07	4.33E-06
5969	483117.26, 3856475.99	1.05E-05	3.17E-05	1.84E-05	3.51E-07	8.48E-06	3.43E-07	9.17E-06	5.33E-06	1.61E-05	9.32E-06	1.78E-07	4.30E-06	1.74E-07	4.65E-06
5970	483116.24, 3856383.5	1.14E-05	3.45E-05	1.99E-05	3.81E-07	9.20E-06	3.72E-07	9.96E-06	5.78E-06	1.75E-05	1.01E-05	1.93E-07	4.66E-06	1.89E-07	5.04E-06
5971	483115.22, 3856291.01	1.27E-05	3.85E-05	2.23E-05	4.26E-07	1.03E-05	4.16E-07	1.11E-05	6.44E-06	1.94E-05	1.13E-05	2.15E-07	5.20E-06	2.10E-07	5.62E-06
5972	483114.2, 3856198.51	1.51E-05	4.57E-05	2.64E-05	5.05E-07	1.22E-05	4.93E-07	1.32E-05	7.61E-06	2.30E-05	1.33E-05	2.54E-07	6.14E-06	2.48E-07	6.64E-06
5973	483113.17, 3856106.02	2.01E-05	6.07E-05	3.51E-05	6.71E-07	1.62E-05	6.56E-07	1.75E-05	1.00E-05	3.03E-05	1.76E-05	3.36E-07	8.11E-06	3.28E-07	8.77E-06
5974	483112.15, 3856013.52	2.26E-05	6.82E-05	3.95E-05	7.54E-07	1.82E-05	7.37E-07	1.97E-05	1.13E-05	3.40E-05	1.97E-05	3.76E-07	9.09E-06	3.68E-07	9.83E-06
5975	483029.25, 3855920.47	1.84E-05	5.56E-05	3.22E-05	6.15E-07	1.48E-05	6.01E-07	1.61E-05	9.24E-06	2.79E-05	1.61E-05	3.08E-07	7.45E-06	3.01E-07	8.06E-06
5976	482947.37, 3855919.91	1.48E-05	4.46E-05	2.58E-05	4.93E-07	1.19E-05	4.82E-07	1.29E-05	7.45E-06	2.25E-05	1.30E-05	2.49E-07	6.01E-06	2.43E-07	6.50E-06
5977	482865.49, 3855919.36	1.25E-05	3.76E-05	2.18E-05	4.16E-07	1.01E-05	4.07E-07	1.09E-05	6.32E-06	1.91E-05	1.11E-05	2.11E-07	5.10E-06	2.06E-07	5.52E-06
5978	482783.61, 3855918.8	1.10E-05	3.33E-05	1.93E-05	3.69E-07	8.90E-06	3.60E-07	9.63E-06	5.62E-06	1.70E-05	9.82E-06	1.88E-07	4.53E-06	1.83E-07	4.90E-06
5979	482700.33, 3855818.39	1.15E-05	3.49E-05	2.02E-05	3.86E-07	9.31E-06	3.77E-07	1.01E-05	5.87E-06	1.77E-05	1.03E-05	1.96E-07	4.73E-06	1.91E-07	5.12E-06
5980	482698.92, 3855718.54	1.80E-05	5.42E-05	3.14E-05	5.99E-07	1.45E-05	5.86E-07	1.57E-05	9.00E-06	2.72E-05	1.57E-05	3.01E-07	7.26E-06	2.94E-07	7.85E-06
5981	482697.52, 3855618.68	2.06E-05	6.23E-05	3.61E-05	6.89E-07	1.66E-05	6.74E-07	1.80E-05	1.03E-05	3.12E-05	1.80E-05	3.45E-07	8.33E-06	3.37E-07	9.01E-06
5982	482696.11, 3855518.83	2.15E-05	6.50E-05	3.77E-05	7.19E-07	1.74E-05	7.03E-07	1.88E-05	1.08E-05	3.26E-05	1.88E-05	3.60E-07	8.70E-06	3.52E-07	9.41E-06
5983	482694.71, 3855418.98	2.20E-05	6.64E-05	3.84E-05	7.34E-07	1.77E-05	7.17E-07	1.92E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.89E-06	3.59E-07	9.61E-06
5984	482693.3, 3855319.13	2.22E-05	6.71E-05	3.89E-05	7.42E-07	1.79E-05	7.25E-07	1.94E-05	1.12E-05	3.37E-05	1.95E-05	3.73E-07	9.01E-06	3.64E-07	9.74E-06
5985	482691.9, 3855219.27	2.24E-05	6.76E-05	3.92E-05	7.48E-07	1.81E-05	7.31E-07	1.95E-05	1.13E-05	3.41E-05	1.97E-05	3.77E-07	9.10E-06	3.68E-07	9.84E-06
5986	482690.49, 3855119.42	2.25E-05	6.79E-05	3.93E-05	7.51E-07	1.81E-05	7.34E-07	1.96E-05	1.14E-05	3.43E-05	1.99E-05	3.79E-07	9.16E-06	3.71E-07	9.91E-06
5987	482689.09, 3855019.57	2.26E-05	6.82E-05	3.95E-05	7.54E-07	1.82E-05	7.37E-07	1.97E-05	1.15E-05	3.46E-05	2.00E-05	3.82E-07	9.24E-06	3.74E-07	1.00E-05
5988	482687.68, 3854919.71	2.26E-05	6.83E-05	3.95E-05	7.55E-07	1.82E-05	7.38E-07	1.97E-05	1.15E-05	3.48E-05	2.01E-05	3.85E-07	9.30E-06	3.76E-07	1.01E-05
5989	482686.28, 3854819.86	2.28E-05	6.87E-05	3.98E-05	7.60E-07	1.84E-05	7.43E-07	1.99E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
5990	482684.88, 3854720.01	2.31E-05	6.97E-05	4.03E-05	7.70E-07	1.86E-05	7.53E-07	2.01E-05	1.19E-05	3.60E-05	2.08E-05	3.98E-07	9.61E-06	3.89E-07	1.04E-05
5991	482683.47, 3854620.16	2.31E-05	6.99E-05	4.04E-05	7.73E-07	1.87E-05	7.55E-07	2.02E-05	1.21E-05	3.64E-05	2.11E-05	4.03E-07	9.73E-06	3.94E-07	1.05E-05
5992	482682.07, 3854520.31	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.56E-07	2.02E-05	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.98E-07	1.07E-05
5993	482680.66, 3854420.45	2.32E-05	7.00E-05	4.05E-05	7.74E-07	1.87E-05	7.57E-07	2.02E-05	1.23E-05	3.73E-05	2.16E-05	4.12E-07	9.96E-06	4.03E-07	1.08E-05
5994	482679.26, 3854320.6	2.31E-05	6.98E-05	4.04E-05	7.72E-07	1.86E-05	7.54E-07	2.02E-05	1.24E-05	3.75E-05	2.17E-05	4.15E-07	1.00E-05	4.06E-07	1.09E-05
5995	482677.85, 3854220.75	2.30E-05	6.96E-05	4.03E-05	7.70E-07	1.86E-05	7.52E-07	2.01E-05	1.25E-05	3.77E-05	2.18E-05	4.17E-07	1.01E-05	4.08E-07	1.09E-05
5996	482676.45, 3854120.9	2.26E-05	6.84E-05	3.96E-05	7.56E-07	1.83E-05	7.39E-07	1.98E-05	1.23E-05	3.72E-05	2.16E-05	4.12E-07	9.95E-06	4.02E-07	1.08E-05
5997	482675.04, 3854021.04	2.23E-05	6.74E-05	3.90E-05	7.45E-07	1.80E-05	7.28E-07	1.95E-05	1.22E-05	3.69E-05	2.14E-05	4.08E-07	9.86E-06	3.99E-07	1.07E-05
5998	482673.64, 3853921.19	2.14E-05	6.47E-05	3.74E-05	7.15E-07	1.73E-05	6.99E-07	1.87E-05	1.18E-05	3.58E-05	2.07E-05	3.95E-07	9.55E-06	3.86E-07	1.03E-05
5999	482672.23, 3853821.34	2.08E-05	6.28E-05	3.64E-05	6.95E-07	1.68E-05	6.79E-07	1.82E-05	1.16E-05	3.51E-05	2.03E-05	3.89E-07	9.39E-06	3.80E-07	1.02E-05
6000	482670.83, 3853721.48	2.02E-05	6.11E-05	3.54E-05	6.76E-07	1.63E-05	6.61E-07	1.77E-05	1.15E-05	3.46E-05	2.00E-05	3.83E-07	9.24E-06	3.74E-07	1.00E-05
6001	482669.42, 3853621.63	1.97E-05	5.94E-05	3.44E-05	6.57E-07	1.59E-05	6.42E-07	1.72E-05	1.13E-05	3.41E-05	1.98E-05	3.77E-07	9.12E-06	3.69E-07	9.86E-06
6002	482645.99, 3853446.13	1.82E-05	5.50E-05	3.19E-05	6.09E-07	1.47E-05	5.95E-07	1.59E-05	1.08E-05	3.27E-05	1.90E-05	3.62E-07	8.75E-06	3.54E-07	9.46E-06
6003	482623.96, 3853370.48	1.74E-05	5.25E-05	3.04E-05	5.81E-07	1.40E-05	5.68E-07	1.52E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.44E-06	3.41E-07	9.13E-06
6004	482601.94, 3853294.84	1.68E-05	5.07E-05	2.93E-05	5.60E-07	1.35E-05	5.48E-07	1.46E-05	1.03E-05	3.10E-05	1.79E-05	3.43E-07	8.28E-06	3.35E-07	8.95E-06
6005	482531.29, 3853133.44	1.62E-05	4.89E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05	1.03E-05	3.11E-05	1.80E-05	3.44E-07	8.30E-06	3.36E-07	8.98E-06
6006	482482.68, 3853047.69	1.59E-05	4.81E-05	2.79E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	1.03E-05	3.12E-05	1.81E-05	3.46E-07	8.35E-06	3.38E-07	9.03E-06
6007	482383.08, 3852897.4	1.72E-05	5.21E-05	3.01E-05	5.76E-07	1.39E-05	5.63E-07	1.50E-05	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.99E-07	1.07E-05
6008	482265.64, 3852765.26	1.75E-05	5.28E-05	3.06E-05	5.84E-07	1.41E-05	5.71E-07	1.53E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.03E-05	4.19E-07	1.12E-05
6009	482199.16, 3852697.66	1.72E-05	5.19E-05	3.00E-05	5.74E-07	1.39E-05	5.61E-07	1.50E-05	1.26E-05	3.82E-05	2.21E-05	4.22E-07	1.02E-05	4.12E-07	1.10E-05
6010	482132.69, 3852630.07	1.68E-05	5.09E-05	2.94E-05	5.63E-07	1.36E-05	5.50E-07	1.47E-05	1.24E-05	3.74E-05	2.17E-05	4.14E-07	1.00E-05	4.04E-07	1.08E-05

6011	482066.21, 3852562.48	1.66E-05	5.02E-05	2.90E-05	5.55E-07	1.34E-05	5.42E-07	1.45E-05	1.22E-05	3.70E-05	2.14E-05	4.09E-07	9.87E-06	3.99E-07	1.07E-05
6012	481999.74, 3852494.89	1.63E-05	4.93E-05	2.85E-05	5.45E-07	1.32E-05	5.33E-07	1.42E-05	1.20E-05	3.63E-05	2.10E-05	4.02E-07	9.70E-06	3.92E-07	1.05E-05
6013	481933.26, 3852427.29	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05	1.17E-05	3.54E-05	2.05E-05	3.92E-07	9.47E-06	3.83E-07	1.02E-05
6014	481866.79, 3852359.7	1.58E-05	4.77E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.37E-06	3.79E-07	1.01E-05
6015	481800.31, 3852292.11	1.55E-05	4.67E-05	2.71E-05	5.17E-07	1.25E-05	5.05E-07	1.35E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
6016	481733.84, 3852224.52	1.52E-05	4.60E-05	2.66E-05	5.09E-07	1.23E-05	4.97E-07	1.33E-05	1.12E-05	3.38E-05	1.96E-05	3.74E-07	9.02E-06	3.65E-07	9.76E-06
6017	481667.36, 3852156.92	1.52E-05	4.58E-05	2.65E-05	5.06E-07	1.22E-05	4.94E-07	1.32E-05	1.11E-05	3.36E-05	1.95E-05	3.72E-07	8.98E-06	3.63E-07	9.72E-06
6018	481600.89, 3852089.33	1.49E-05	4.51E-05	2.61E-05	4.98E-07	1.20E-05	4.87E-07	1.30E-05	1.10E-05	3.31E-05	1.91E-05	3.66E-07	8.83E-06	3.57E-07	9.56E-06
6019	481534.41, 3852021.74	1.48E-05	4.47E-05	2.59E-05	4.94E-07	1.19E-05	4.83E-07	1.29E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.77E-06	3.55E-07	9.48E-06
6020	481467.94, 3851954.15	1.47E-05	4.44E-05	2.57E-05	4.91E-07	1.19E-05	4.80E-07	1.28E-05	1.08E-05	3.26E-05	1.89E-05	3.60E-07	8.70E-06	3.52E-07	9.42E-06
6021	481401.46, 3851886.55	1.47E-05	4.43E-05	2.56E-05	4.89E-07	1.18E-05	4.78E-07	1.28E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
6022	481265.87, 3851761.43	1.37E-05	4.14E-05	2.40E-05	4.58E-07	1.11E-05	4.48E-07	1.20E-05	9.86E-06	2.98E-05	1.72E-05	3.29E-07	7.96E-06	3.22E-07	8.61E-06
6023	481196.74, 3851703.89	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.46E-07	1.19E-05	9.64E-06	2.91E-05	1.68E-05	3.22E-07	7.77E-06	3.14E-07	8.41E-06
6024	481076.33, 3851619.04	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.46E-07	1.19E-05	9.55E-06	2.88E-05	1.67E-05	3.19E-07	7.70E-06	3.12E-07	8.34E-06
6025	480939.8, 3851549.07	1.35E-05	4.09E-05	2.37E-05	4.52E-07	1.09E-05	4.42E-07	1.18E-05	9.40E-06	2.84E-05	1.64E-05	3.14E-07	7.58E-06	3.07E-07	8.20E-06
6026	480854.56, 3851506.41	1.37E-05	4.12E-05	2.39E-05	4.56E-07	1.10E-05	4.45E-07	1.19E-05	9.47E-06	2.86E-05	1.65E-05	3.16E-07	7.64E-06	3.09E-07	8.26E-06
6027	480769.32, 3851463.75	1.39E-05	4.20E-05	2.43E-05	4.65E-07	1.12E-05	4.54E-07	1.21E-05	9.63E-06	2.91E-05	1.68E-05	3.21E-07	7.76E-06	3.14E-07	8.40E-06
6028	480684.08, 3851421.08	1.42E-05	4.28E-05	2.48E-05	4.73E-07	1.14E-05	4.62E-07	1.24E-05	9.78E-06	2.95E-05	1.71E-05	3.27E-07	7.89E-06	3.19E-07	8.54E-06
6029	480598.84, 3851378.42	1.42E-05	4.29E-05	2.48E-05	4.74E-07	1.15E-05	4.63E-07	1.24E-05	9.80E-06	2.96E-05	1.71E-05	3.27E-07	7.90E-06	3.20E-07	8.55E-06
6030	480435.71, 3851275.01	1.63E-05	4.92E-05	2.85E-05	5.44E-07	1.31E-05	5.31E-07	1.42E-05	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.55E-06	3.86E-07	1.03E-05
6031	480347.85, 3851232.36	1.59E-05	4.80E-05	2.78E-05	5.30E-07	1.28E-05	5.18E-07	1.39E-05	1.16E-05	3.50E-05	2.02E-05	3.87E-07	9.34E-06	3.78E-07	1.01E-05
6032	480260, 3851189.72	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	1.14E-05	3.46E-05	2.00E-05	3.82E-07	9.24E-06	3.74E-07	9.99E-06
6033	480172.15, 3851147.07	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	1.14E-05	3.43E-05	1.99E-05	3.79E-07	9.16E-06	3.71E-07	9.91E-06
6034	480084.29, 3851104.42	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05	1.13E-05	3.41E-05	1.98E-05	3.77E-07	9.12E-06	3.69E-07	9.86E-06
6035	479996.44, 3851061.77	1.56E-05	4.71E-05	2.73E-05	5.21E-07	1.26E-05	5.09E-07	1.36E-05	1.13E-05	3.40E-05	1.97E-05	3.76E-07	9.09E-06	3.68E-07	9.84E-06
6036	479908.58, 3851019.13	1.58E-05	4.78E-05	2.77E-05	5.28E-07	1.28E-05	5.16E-07	1.38E-05	1.14E-05	3.45E-05	2.00E-05	3.82E-07	9.22E-06	3.73E-07	9.98E-06
6037	479820.73, 3850976.48	1.59E-05	4.79E-05	2.77E-05	5.30E-07	1.28E-05	5.18E-07	1.38E-05	1.14E-05	3.45E-05	1.99E-05	3.81E-07	9.21E-06	3.72E-07	9.96E-06
6038	479732.88, 3850933.83	1.61E-05	4.86E-05	2.81E-05	5.38E-07	1.30E-05	5.25E-07	1.40E-05	1.15E-05	3.47E-05	2.01E-05	3.84E-07	9.27E-06	3.75E-07	1.00E-05
6039	479645.02, 3850891.18	1.64E-05	4.95E-05	2.87E-05	5.48E-07	1.32E-05	5.35E-07	1.43E-05	1.16E-05	3.51E-05	2.03E-05	3.88E-07	9.38E-06	3.79E-07	1.01E-05
6040	479557.17, 3850848.54	1.66E-05	5.00E-05	2.90E-05	5.53E-07	1.34E-05	5.41E-07	1.45E-05	1.17E-05	3.53E-05	2.04E-05	3.90E-07	9.42E-06	3.81E-07	1.02E-05
6041	479469.32, 3850805.89	1.68E-05	5.07E-05	2.94E-05	5.61E-07	1.35E-05	5.48E-07	1.47E-05	1.18E-05	3.57E-05	2.07E-05	3.95E-07	9.54E-06	3.86E-07	1.03E-05
6042	479381.46, 3850763.24	1.68E-05	5.07E-05	2.93E-05	5.60E-07	1.35E-05	5.48E-07	1.46E-05	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05
6043	479293.61, 3850720.59	1.66E-05	5.02E-05	2.91E-05	5.55E-07	1.34E-05	5.43E-07	1.45E-05	1.17E-05	3.52E-05	2.04E-05	3.89E-07	9.40E-06	3.80E-07	1.02E-05
6044	479205.76, 3850677.95	1.65E-05	4.98E-05	2.88E-05	5.51E-07	1.33E-05	5.38E-07	1.44E-05	1.15E-05	3.49E-05	2.02E-05	3.86E-07	9.31E-06	3.77E-07	1.01E-05
6045	479117.9, 3850635.3	1.62E-05	4.90E-05	2.83E-05	5.41E-07	1.31E-05	5.29E-07	1.41E-05	1.13E-05	3.41E-05	1.97E-05	3.77E-07	9.11E-06	3.69E-07	9.86E-06
6046	479030.05, 3850592.65	1.59E-05	4.80E-05	2.78E-05	5.31E-07	1.28E-05	5.19E-07	1.39E-05	1.10E-05	3.34E-05	1.93E-05	3.69E-07	8.91E-06	3.61E-07	9.64E-06
6047	478942.19, 3850550	1.57E-05	4.75E-05	2.75E-05	5.26E-07	1.27E-05	5.14E-07	1.37E-05	1.10E-05	3.33E-05	1.93E-05	3.68E-07	8.90E-06	3.60E-07	9.63E-06
6048	478854.34, 3850507.36	1.60E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.21E-07	1.39E-05	1.14E-05	3.43E-05	1.99E-05	3.80E-07	9.17E-06	3.71E-07	9.92E-06
6049	478766.49, 3850464.71	1.58E-05	4.77E-05	2.76E-05	5.27E-07	1.27E-05	5.15E-07	1.38E-05	1.13E-05	3.41E-05	1.97E-05	3.77E-07	9.11E-06	3.69E-07	9.86E-06
6050	478678.63, 3850422.06	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	1.12E-05	3.39E-05	1.96E-05	3.74E-07	9.04E-06	3.66E-07	9.79E-06
6051	478590.78, 3850379.41	1.55E-05	4.69E-05	2.72E-05	5.19E-07	1.25E-05	5.07E-07	1.36E-05	1.12E-05	3.38E-05	1.95E-05	3.73E-07	9.02E-06	3.65E-07	9.76E-06
6052	478502.93, 3850336.77	1.54E-05	4.66E-05	2.70E-05	5.15E-07	1.24E-05	5.04E-07	1.35E-05	1.11E-05	3.36E-05	1.94E-05	3.71E-07	8.97E-06	3.63E-07	9.70E-06
6053	478415.07, 3850294.12	1.53E-05	4.61E-05	2.67E-05	5.09E-07	1.23E-05	4.98E-07	1.33E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.87E-06	3.59E-07	9.60E-06
6054	478327.22, 3850251.47	1.52E-05	4.58E-05	2.65E-05	5.06E-07	1.22E-05	4.94E-07	1.32E-05	1.10E-05	3.31E-05	1.92E-05	3.66E-07	8.85E-06	3.58E-07	9.57E-06
6055	478239.36, 3850208.82	1.51E-05	4.55E-05	2.63E-05	5.03E-07	1.21E-05	4.92E-07	1.31E-05	1.09E-05	3.30E-05	1.91E-05	3.65E-07	8.81E-06	3.57E-07	9.54E-06
6056	478151.51, 3850166.18	1.50E-05	4.53E-05	2.62E-05	5.01E-07	1.21E-05	4.90E-07	1.31E-05	1.09E-05	3.29E-05	1.90E-05	3.64E-07	8.79E-06	3.56E-07	9.51E-06
6057	478063.66, 3850123.53	1.50E-05	4.52E-05	2.61E-05	5.00E-07	1.21E-05	4.88E-07	1.31E-05	1.09E-05	3.28E-05	1.90E-05	3.63E-07	8.76E-06	3.54E-07	9.47E-06
6058	477975.8, 3850080.88	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05	1.06E-05	3.21E-05	1.86E-05	3.55E-07	8.57E-06	3.47E-07	9.27E-06
6059	477887.95, 3850038.23	1.46E-05	4.41E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	1.06E-05	3.19E-05	1.85E-05	3.53E-07	8.53E-06	3.45E-07	9.23E-06
6060	477800.1, 3849995.59	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.43E-06	3.41E-07	9.12E-06
6061	477712.24, 3849952.94	1.44E-05	4.36E-05	2.52E-05	4.82E-07	1.16E-05	4.71E-07	1.26E-05	1.05E-05	3.16E-05	1.83E-05	3.49E-07	8.44E-06	3.41E-07	9.13E-06
6062	477624.39, 3849910.29	1.43E-05	4.32E-05	2.50E-05	4.77E-07	1.15E-05	4.67E-07	1.25E-05	1.04E-05	3.14E-05	1.82E-05	3.47E-07	8.38E-06	3.39E-07	9.07E-06
6063	477536.54, 3849867.64	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.57E-07	1.22E-05	1.02E-05	3.08E-05	1.78E-05	3.41E-07	8.23E-06	3.33E-07	8.91E-06
6064	477448.68, 3849825	1.39E-05	4.19E-05	2.43E-05	4.64E-07	1.12E-05	4.53E-07	1.21E-05	1.01E-05	3.06E-05	1.77E-05	3.38E-07	8.17E-06	3.31E-07	8.84E-06
6065	477360.83, 3849782.35	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.49E-07	1.20E-05	1.00E-05	3.03E-05	1.76E-05	3.35E-07	8.10E-06	3.28E-07	8.76E-06
6066	477272.97, 3849739.7	1.37E-05	4.13E-05	2.39E-05	4.57E-07	1.10E-05	4.46E-07	1.19E-05	9.95E-06	3.00E-05	1.74E-05	3.32E-07	8.02E-06	3.25E-07	8.68E-06
6067	477185.12, 3849697.05	1.37E-05	4.12E-05	2.39E-05	4.56E-07	1.10E-05	4.46E-07	1.19E-05	9.93E-06	3.00E-05	1.74E-05	3.31E-07	8.01E-06	3.24E-07	8.66E-06
6068	477097.27, 3849654.41	1.38E-05	4.16E-05	2.41E-05	4.60E-07	1.11E-05	4.49E-07	1.20E-05	1.00E-05	3.02E-05	1.75E-05	3.35E-07	8.08E-06	3.27E-07	8.74E-06
6069	477009.41, 3849611.76	1.40E-05	4.23E-05	2.45E-05	4.68E-07	1.13E-05	4.58E-07	1.22E-05	1.02E-05	3.09E-05	1.79E-05	3.42E-07	8.27E-06	3.34E-07	8.94E-06
6070	476841.49, 3849530.08	1.42E-05	4.29E-05	2.48E-05	4.75E-07	1.15E-05	4.64E-07	1.24E-05	1.04E-05	3.13E-05	1.81E-05	3.46E-07	8.36E-06	3.38E-07	9.05E-06
6071	476761.41, 3849491.05	1.43E-05	4.31E-05	2.50E-05	4.77E-07	1.15E-05	4.66E-07	1.25E-05	1.04E-05	3.14E-05	1.82E-05	3.47E-07	8.39E-06	3.39E-07	9.07E-06
6072	476681.34, 3849452.02	1.46E-05	4.40E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	1.06E-05	3.21E-05	1.86E-05	3.55E-07	8.58E-06	3.47E-07	9.28E-06

6073	476601.26, 3849412.99	1.52E-05	4.58E-05	2.65E-05	5.06E-07	1.22E-05	4.95E-07	1.32E-05	1.11E-05	3.35E-05	1.94E-05	3.70E-07	8.95E-06	3.62E-07	9.68E-06
6074	476456.32, 3849353.67	1.65E-05	4.99E-05	2.89E-05	5.52E-07	1.33E-05	5.40E-07	1.44E-05	1.23E-05	3.72E-05	2.15E-05	4.12E-07	9.94E-06	4.02E-07	1.08E-05
6075	476305.43, 3849318.83	1.59E-05	4.81E-05	2.78E-05	5.32E-07	1.29E-05	5.20E-07	1.39E-05	1.18E-05	3.58E-05	2.07E-05	3.95E-07	9.55E-06	3.86E-07	1.03E-05
6076	476129.36, 3849289.99	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.87E-06	3.59E-07	9.59E-06
6077	476039.31, 3849275.68	1.46E-05	4.41E-05	2.55E-05	4.87E-07	1.18E-05	4.76E-07	1.27E-05	1.07E-05	3.22E-05	1.87E-05	3.57E-07	8.61E-06	3.48E-07	9.32E-06
6078	475949.26, 3849261.38	1.47E-05	4.43E-05	2.56E-05	4.90E-07	1.18E-05	4.79E-07	1.28E-05	1.08E-05	3.25E-05	1.88E-05	3.59E-07	8.68E-06	3.51E-07	9.39E-06
6079	475859.21, 3849247.08	1.42E-05	4.29E-05	2.48E-05	4.74E-07	1.14E-05	4.63E-07	1.24E-05	1.03E-05	3.12E-05	1.81E-05	3.45E-07	8.34E-06	3.37E-07	9.03E-06
6080	475769.16, 3849232.77	1.39E-05	4.20E-05	2.43E-05	4.64E-07	1.12E-05	4.53E-07	1.21E-05	1.01E-05	3.04E-05	1.76E-05	3.36E-07	8.11E-06	3.28E-07	8.77E-06
6081	475585.22, 3849219.27	9.59E-06	2.89E-05	1.68E-05	3.20E-07	7.73E-06	3.13E-07	8.37E-06	6.58E-06	1.99E-05	1.15E-05	2.20E-07	5.31E-06	2.15E-07	5.74E-06
6082	475444.49, 3849150.34	1.65E-05	4.97E-05	2.88E-05	5.49E-07	1.33E-05	5.37E-07	1.44E-05	1.18E-05	3.56E-05	2.06E-05	3.94E-07	9.51E-06	3.85E-07	1.03E-05
6083	475334.17, 3849118.71	1.34E-05	4.03E-05	2.33E-05	4.46E-07	1.08E-05	4.36E-07	1.17E-05	9.65E-06	2.91E-05	1.69E-05	3.22E-07	7.78E-06	3.15E-07	8.42E-06
6084	475230.46, 3849060.57	1.50E-05	4.52E-05	2.62E-05	5.00E-07	1.21E-05	4.89E-07	1.31E-05	1.10E-05	3.32E-05	1.92E-05	3.67E-07	8.87E-06	3.59E-07	9.60E-06
6085	475110.86, 3848960.97	1.59E-05	4.82E-05	2.79E-05	5.33E-07	1.29E-05	5.20E-07	1.39E-05	1.20E-05	3.63E-05	2.10E-05	4.02E-07	9.71E-06	3.93E-07	1.05E-05
6086	475037.79, 3848896.28	1.61E-05	4.86E-05	2.81E-05	5.37E-07	1.30E-05	5.25E-07	1.40E-05	1.23E-05	3.72E-05	2.15E-05	4.11E-07	9.93E-06	4.02E-07	1.07E-05
6087	474964.72, 3848831.59	1.64E-05	4.95E-05	2.86E-05	5.47E-07	1.32E-05	5.34E-07	1.43E-05	1.26E-05	3.82E-05	2.21E-05	4.22E-07	1.02E-05	4.12E-07	1.10E-05
6088	474891.65, 3848766.9	1.63E-05	4.91E-05	2.84E-05	5.43E-07	1.31E-05	5.31E-07	1.42E-05	1.27E-05	3.83E-05	2.22E-05	4.24E-07	1.02E-05	4.14E-07	1.11E-05
6089	474818.58, 3848702.22	1.64E-05	4.95E-05	2.86E-05	5.47E-07	1.32E-05	5.35E-07	1.43E-05	1.29E-05	3.91E-05	2.26E-05	4.32E-07	1.04E-05	4.22E-07	1.13E-05
6090	474745.51, 3848637.53	1.52E-05	4.60E-05	2.66E-05	5.08E-07	1.23E-05	4.97E-07	1.33E-05	1.22E-05	3.69E-05	2.13E-05	4.08E-07	9.85E-06	3.98E-07	1.07E-05
6091	474672.44, 3848572.84	1.51E-05	4.57E-05	2.65E-05	5.05E-07	1.22E-05	4.94E-07	1.32E-05	1.23E-05	3.71E-05	2.15E-05	4.10E-07	9.91E-06	4.01E-07	1.07E-05
6092	474599.37, 3848508.15	1.56E-05	4.72E-05	2.73E-05	5.22E-07	1.26E-05	5.10E-07	1.36E-05	1.28E-05	3.87E-05	2.24E-05	4.28E-07	1.04E-05	4.19E-07	1.12E-05
6093	474526.3, 3848443.46	1.57E-05	4.75E-05	2.75E-05	5.25E-07	1.27E-05	5.13E-07	1.37E-05	1.30E-05	3.93E-05	2.28E-05	4.35E-07	1.05E-05	4.25E-07	1.14E-05

Residential Risk	1.63E-01						1.57E-01						Construction Risk with 100%	
	S. Main						Ex Main							
	Unmitigat	Dose		Risk			Unmitigat	Dose		Risk				
X, Y	S Main	0<2	2<9	0<2	2<9	Total	Ex Main	3rd	0<2	3rd	0<2	Total	Unmitigated	Mitigated
1 485973.61, 3854936.51	3.05E-03	3.19E-06	1.85E-06	4.39E-07	4.29E-08	4.82E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	1.55E-05	7.94E-06
2 486023.61, 3854936.51	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.63E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.67E-07	1.82E-07	1.52E-05	7.76E-06
3 486073.61, 3854936.51	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	1.22E-03	4.22E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	1.48E-05	7.56E-06
4 486123.61, 3854936.51	2.70E-03	2.83E-06	1.64E-06	3.89E-07	3.80E-08	4.27E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.61E-07	1.75E-07	1.44E-05	7.37E-06
5 486173.61, 3854936.51	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	1.18E-03	4.09E-07	1.23E-06	1.37E-08	1.60E-07	1.74E-07	1.41E-05	7.24E-06
6 486223.61, 3854936.51	2.54E-03	2.66E-06	1.54E-06	3.66E-07	3.58E-08	4.01E-07	1.16E-03	4.02E-07	1.21E-06	1.34E-08	1.57E-07	1.71E-07	1.38E-05	7.09E-06
7 486273.61, 3854936.51	2.46E-03	2.58E-06	1.49E-06	3.54E-07	3.47E-08	3.89E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	1.36E-05	6.94E-06
8 486323.61, 3854936.51	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.37E-08	3.78E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	1.33E-05	6.81E-06
9 485973.61, 3854986.51	3.18E-03	3.32E-06	1.92E-06	4.57E-07	4.47E-08	5.01E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.75E-07	1.89E-07	1.62E-05	8.30E-06
10 486023.61, 3854986.51	3.06E-03	3.19E-06	1.85E-06	4.39E-07	4.30E-08	4.82E-07	1.27E-03	4.39E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	1.58E-05	8.11E-06
11 486073.61, 3854986.51	2.93E-03	3.07E-06	1.78E-06	4.22E-07	4.13E-08	4.63E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	1.55E-05	7.92E-06
12 486123.61, 3854986.51	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	1.23E-03	4.24E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	1.51E-05	7.74E-06
13 486173.61, 3854986.51	2.74E-03	2.86E-06	1.66E-06	3.93E-07	3.85E-08	4.32E-07	1.21E-03	4.19E-07	1.26E-06	1.40E-08	1.64E-07	1.78E-07	1.48E-05	7.55E-06
14 486223.61, 3854986.51	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	1.19E-03	4.12E-07	1.24E-06	1.37E-08	1.61E-07	1.75E-07	1.44E-05	7.38E-06
15 486273.61, 3854986.51	2.54E-03	2.65E-06	1.53E-06	3.65E-07	3.57E-08	4.00E-07	1.17E-03	4.04E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	1.41E-05	7.21E-06
16 486323.61, 3854986.51	2.48E-03	2.60E-06	1.50E-06	3.57E-07	3.49E-08	3.92E-07	1.16E-03	4.02E-07	1.21E-06	1.34E-08	1.57E-07	1.71E-07	1.39E-05	7.10E-06
17 485973.61, 3855036.51	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.66E-08	5.23E-07	1.32E-03	4.58E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	1.69E-05	8.67E-06
18 486023.61, 3855036.51	3.18E-03	3.32E-06	1.92E-06	4.57E-07	4.47E-08	5.02E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	1.65E-05	8.46E-06
19 486073.61, 3855036.51	3.04E-03	3.18E-06	1.84E-06	4.37E-07	4.28E-08	4.80E-07	1.27E-03	4.41E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	1.61E-05	8.25E-06
20 486123.61, 3855036.51	2.92E-03	3.06E-06	1.77E-06	4.20E-07	4.11E-08	4.61E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	1.58E-05	8.06E-06
21 486173.61, 3855036.51	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.68E-07	1.82E-07	1.54E-05	7.89E-06
22 486223.61, 3855036.51	2.72E-03	2.84E-06	1.65E-06	3.91E-07	3.82E-08	4.29E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	1.50E-05	7.68E-06
23 486273.61, 3855036.51	2.65E-03	2.77E-06	1.60E-06	3.80E-07	3.72E-08	4.18E-07	1.20E-03	4.16E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	1.47E-05	7.53E-06
24 486323.61, 3855036.51	2.56E-03	2.67E-06	1.55E-06	3.68E-07	3.59E-08	4.04E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	1.44E-05	7.37E-06
25 485973.61, 3855086.51	3.45E-03	3.60E-06	2.09E-06	4.96E-07	4.85E-08	5.44E-07	1.36E-03	4.69E-07	1.42E-06	1.57E-08	1.84E-07	1.99E-07	1.77E-05	9.04E-06
26 486023.61, 3855086.51	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.66E-08	5.23E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	1.73E-05	8.83E-06
27 486073.61, 3855086.51	3.16E-03	3.31E-06	1.91E-06	4.55E-07	4.45E-08	4.99E-07	1.31E-03	4.52E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	1.68E-05	8.60E-06
28 486123.61, 3855086.51	3.05E-03	3.19E-06	1.85E-06	4.39E-07	4.29E-08	4.82E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.74E-07	1.89E-07	1.64E-05	8.40E-06
29 486173.61, 3855086.51	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.11E-08	4.62E-07	1.26E-03	4.37E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	1.61E-05	8.20E-06
30 486223.61, 3855086.51	2.83E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	1.57E-05	8.02E-06
31 485973.61, 3855136.51	3.61E-03	3.77E-06	2.18E-06	5.19E-07	5.07E-08	5.69E-07	1.40E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	1.84E-05	9.40E-06
32 486023.61, 3855136.51	3.45E-03	3.61E-06	2.09E-06	4.96E-07	4.85E-08	5.45E-07	1.37E-03	4.74E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.79E-05	9.18E-06
33 486073.61, 3855136.51	3.30E-03	3.45E-06	2.00E-06	4.75E-07	4.64E-08	5.21E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	1.75E-05	8.97E-06
34 486123.61, 3855136.51	3.17E-03	3.31E-06	1.92E-06	4.56E-07	4.46E-08	5.00E-07	1.32E-03	4.57E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	1.71E-05	8.75E-06
35 486173.61, 3855136.51	3.04E-03	3.18E-06	1.84E-06	4.38E-07	4.28E-08	4.80E-07	1.30E-03	4.49E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	1.67E-05	8.54E-06
36 486223.61, 3855136.51	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.62E-07	1.28E-03	4.41E-07	1.33E-06	1.47E-08	1.73E-07	1.87E-07	1.63E-05	8.34E-06
37 485973.61, 3855186.51	3.78E-03	3.95E-06	2.29E-06	5.43E-07	5.31E-08	5.96E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	1.91E-05	9.77E-06
38 486023.61, 3855186.51	3.61E-03	3.77E-06	2.18E-06	5.19E-07	5.08E-08	5.70E-07	1.41E-03	4.88E-07	1.47E-06	1.63E-08	1.91E-07	2.07E-07	1.86E-05	9.53E-06
39 486073.61, 3855186.51	3.44E-03	3.59E-06	2.08E-06	4.95E-07	4.84E-08	5.43E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.87E-07	2.03E-07	1.82E-05	9.31E-06
40 486123.61, 3855186.51	3.28E-03	3.43E-06	1.99E-06	4.72E-07	4.62E-08	5.18E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	1.78E-05	9.10E-06
41 486173.61, 3855186.51	3.15E-03	3.29E-06	1.91E-06	4.53E-07	4.43E-08	4.98E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.79E-07	1.95E-07	1.74E-05	8.88E-06
42 486223.61, 3855186.51	3.03E-03	3.17E-06	1.83E-06	4.36E-07	4.26E-08	4.78E-07	1.30E-03	4.51E-07	1.36E-06	1.51E-08	1.76E-07	1.92E-07	1.70E-05	8.67E-06
43 486273.61, 3855186.51	2.91E-03	3.05E-06	1.76E-06	4.19E-07	4.10E-08	4.60E-07	1.28E-03	4.43E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	1.66E-05	8.46E-06
44 486323.61, 3855186.51	2.85E-03	2.98E-06	1.72E-06	4.10E-07	4.01E-08	4.50E-07	1.27E-03	4.41E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	1.63E-05	8.30E-06
45 485973.61, 3855236.51	3.95E-03	4.13E-06	2.39E-06	5.68E-07	5.56E-08	6.24E-07	1.48E-03	5.11E-07	1.54E-06	1.71E-08	2.00E-07	2.17E-07	1.98E-05	1.01E-05
46 486023.61, 3855236.51	3.76E-03	3.93E-06	2.27E-06	5.40E-07	5.28E-08	5.93E-07	1.44E-03	5.00E-07	1.51E-06	1.67E-08	1.96E-07	2.12E-07	1.94E-05	9.90E-06
47 486073.61, 3855236.51	3.57E-03	3.73E-06	2.16E-06	5.13E-07	5.02E-08	5.64E-07	1.41E-03	4.88E-07	1.47E-06	1.63E-08	1.91E-07	2.07E-07	1.89E-05	9.66E-06
48 486123.61, 3855236.51	3.41E-03	3.57E-06	2.07E-06	4.91E-07	4.80E-08	5.39E-07	1.38E-03	4.79E-07	1.45E-06	1.60E-08	1.87E-07	2.03E-07	1.85E-05	9.43E-06
49 486173.61, 3855236.51	3.27E-03	3.42E-06	1.98E-06	4.71E-07	4.60E-08	5.17E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	1.81E-05	9.22E-06
50 486223.61, 3855236.51	3.14E-03	3.28E-06	1.90E-06	4.51E-07	4.41E-08	4.95E-07	1.33E-03	4.61E-07	1.39E-06	1.54E-08	1.81E-07	1.96E-07	1.76E-05	9.00E-06
51 486273.61, 3855236.51	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	1.30E-03	4.51E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	1.72E-05	8.77E-06
52 486323.61, 3855236.51	2.94E-03	3.08E-06	1.78E-06	4.23E-07	4.14E-08	4.65E-07	1.30E-03	4.51E-07	1.36E-06	1.51E-08	1.76E-07	1.92E-07	1.69E-05	8.61E-06
53 485973.61, 3855286.51	4.14E-03	4.32E-06	2.50E-06	5.95E-07	5.82E-08	6.53E-07	1.52E-03	5.26E-07	1.59E-06	1.76E-08	2.06E-07	2.23E-07	2.06E-05	1.05E-05
54 486023.61, 3855286.51	3.92E-03	4.10E-06	2.37E-06	5.64E-07	5.51E-08	6.19E-07	1.48E-03	5.13E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	2.01E-05	1.03E-05
55 486073.61, 3855286.51	3.73E-03	3.89E-06	2.25E-06	5.36E-07	5.24E-08	5.88E-07	1.45E-03	5.02E-07	1.51E-06	1.67E-08	1.96E-07	2.13E-07	1.96E-05	1.00E-05
56 486123.61, 3855286.51	3.55E-03	3.71E-06	2.15E-06	5.10E-07	4.99E-08	5.60E-07	1.42E-03	4.90E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	1.92E-05	9.79E-06
57 486173.61, 3855286.51	3.39E-03	3.54E-06	2.05E-06	4.87E-07	4.76E-08	5.34E-07	1.39E-03	4.80E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	1.87E-05	9.55E-06
58 486223.61, 3855286.51	3.25E-03	3.40E-06	1.97E-06	4.68E-07	4.57E-08	5.13E-07	1.36E-03	4.72E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.83E-05	9.33E-06

59	486123.61, 3855336.51	3.69E-03	3.85E-06	2.23E-06	5.30E-07	5.19E-08	5.82E-07	1.45E-03	5.02E-07	1.52E-06	1.68E-08	1.96E-07	2.13E-07	1.99E-05	1.01E-05
60	486173.61, 3855336.51	3.52E-03	3.68E-06	2.13E-06	5.07E-07	4.96E-08	5.56E-07	1.42E-03	4.93E-07	1.49E-06	1.65E-08	1.93E-07	2.09E-07	1.94E-05	9.90E-06
61	486223.61, 3855336.51	3.37E-03	3.52E-06	2.04E-06	4.85E-07	4.74E-08	5.32E-07	1.40E-03	4.84E-07	1.46E-06	1.62E-08	1.89E-07	2.05E-07	1.90E-05	9.67E-06
62	486123.61, 3855386.51	3.85E-03	4.02E-06	2.33E-06	5.53E-07	5.41E-08	6.07E-07	1.49E-03	5.16E-07	1.56E-06	1.72E-08	2.02E-07	2.19E-07	2.06E-05	1.05E-05
63	486173.61, 3855386.51	3.67E-03	3.83E-06	2.22E-06	5.27E-07	5.16E-08	5.79E-07	1.46E-03	5.05E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	2.01E-05	1.03E-05
64	486223.61, 3855386.51	3.51E-03	3.67E-06	2.12E-06	5.05E-07	4.94E-08	5.54E-07	1.43E-03	4.96E-07	1.50E-06	1.66E-08	1.94E-07	2.11E-07	1.96E-05	1.00E-05
65	486533.18, 3855443.15	2.90E-03	3.03E-06	1.76E-06	4.17E-07	4.08E-08	4.58E-07	1.34E-03	4.63E-07	1.40E-06	1.55E-08	1.81E-07	1.97E-07	1.77E-05	9.02E-06
66	486583.18, 3855443.15	2.80E-03	2.93E-06	1.70E-06	4.03E-07	3.94E-08	4.43E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	1.74E-05	8.84E-06
67	486633.18, 3855443.15	2.71E-03	2.83E-06	1.64E-06	3.90E-07	3.81E-08	4.28E-07	1.30E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	1.70E-05	8.65E-06
68	486683.18, 3855443.15	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	1.28E-03	4.43E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	1.67E-05	8.48E-06
69	486533.18, 3855493.15	3.00E-03	3.13E-06	1.81E-06	4.31E-07	4.21E-08	4.73E-07	1.37E-03	4.73E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.83E-05	9.31E-06
70	486583.18, 3855493.15	2.90E-03	3.03E-06	1.75E-06	4.16E-07	4.07E-08	4.57E-07	1.35E-03	4.66E-07	1.41E-06	1.56E-08	1.82E-07	1.98E-07	1.79E-05	9.11E-06
71	486633.18, 3855493.15	2.80E-03	2.92E-06	1.69E-06	4.02E-07	3.93E-08	4.42E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.79E-07	1.95E-07	1.75E-05	8.93E-06
72	486683.18, 3855493.15	2.71E-03	2.83E-06	1.64E-06	3.89E-07	3.81E-08	4.27E-07	1.30E-03	4.52E-07	1.36E-06	1.51E-08	1.77E-07	1.92E-07	1.72E-05	8.74E-06
73	486533.18, 3855543.15	3.10E-03	3.24E-06	1.88E-06	4.46E-07	4.36E-08	4.90E-07	1.40E-03	4.85E-07	1.46E-06	1.62E-08	1.90E-07	2.06E-07	1.89E-05	9.61E-06
74	486583.18, 3855543.15	2.98E-03	3.12E-06	1.80E-06	4.29E-07	4.19E-08	4.71E-07	1.37E-03	4.75E-07	1.43E-06	1.59E-08	1.86E-07	2.02E-07	1.85E-05	9.40E-06
75	486633.18, 3855543.15	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.55E-07	1.35E-03	4.68E-07	1.41E-06	1.56E-08	1.83E-07	1.99E-07	1.81E-05	9.20E-06
76	486683.18, 3855543.15	2.77E-03	2.90E-06	1.68E-06	3.99E-07	3.90E-08	4.38E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.80E-07	1.95E-07	1.77E-05	9.01E-06
77	486533.18, 3855593.15	3.21E-03	3.35E-06	1.94E-06	4.61E-07	4.51E-08	5.06E-07	1.43E-03	4.95E-07	1.49E-06	1.65E-08	1.94E-07	2.10E-07	1.95E-05	9.91E-06
78	486583.18, 3855593.15	3.08E-03	3.22E-06	1.87E-06	4.43E-07	4.34E-08	4.87E-07	1.41E-03	4.86E-07	1.47E-06	1.62E-08	1.90E-07	2.07E-07	1.91E-05	9.69E-06
79	486633.18, 3855593.15	2.97E-03	3.11E-06	1.80E-06	4.27E-07	4.18E-08	4.69E-07	1.38E-03	4.78E-07	1.44E-06	1.60E-08	1.87E-07	2.03E-07	1.87E-05	9.49E-06
80	486683.18, 3855593.15	2.87E-03	3.00E-06	1.74E-06	4.13E-07	4.04E-08	4.54E-07	1.36E-03	4.71E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	1.83E-05	9.28E-06
81	486533.18, 3855643.15	3.32E-03	3.48E-06	2.01E-06	4.78E-07	4.68E-08	5.25E-07	1.46E-03	5.07E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	2.01E-05	1.02E-05
82	486583.18, 3855643.15	3.19E-03	3.34E-06	1.93E-06	4.59E-07	4.49E-08	5.04E-07	1.44E-03	4.98E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	1.97E-05	1.00E-05
83	486633.18, 3855643.15	3.07E-03	3.21E-06	1.86E-06	4.42E-07	4.32E-08	4.85E-07	1.41E-03	4.89E-07	1.48E-06	1.63E-08	1.91E-07	2.08E-07	1.92E-05	9.78E-06
84	486683.18, 3855643.15	2.97E-03	3.10E-06	1.79E-06	4.26E-07	4.17E-08	4.68E-07	1.39E-03	4.81E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	1.88E-05	9.57E-06
85	486533.18, 3855693.15	3.47E-03	3.62E-06	2.10E-06	4.98E-07	4.87E-08	5.47E-07	1.50E-03	5.21E-07	1.57E-06	1.74E-08	2.04E-07	2.21E-07	2.07E-05	1.06E-05
86	486583.18, 3855693.15	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.65E-08	5.22E-07	1.47E-03	5.09E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	2.03E-05	1.03E-05
87	486633.18, 3855693.15	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	1.98E-05	1.01E-05
88	486683.18, 3855693.15	3.06E-03	3.20E-06	1.85E-06	4.41E-07	4.31E-08	4.84E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.09E-07	1.94E-05	9.86E-06
89	486733.18, 3855693.15	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	1.41E-03	4.88E-07	1.47E-06	1.63E-08	1.91E-07	2.07E-07	1.90E-05	9.64E-06
90	486783.18, 3855693.15	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.62E-07	1.40E-03	4.85E-07	1.46E-06	1.62E-08	1.90E-07	2.06E-07	1.85E-05	9.42E-06
91	486533.18, 3855743.15	3.61E-03	3.78E-06	2.19E-06	5.19E-07	5.08E-08	5.70E-07	1.54E-03	5.33E-07	1.61E-06	1.78E-08	2.09E-07	2.26E-07	2.14E-05	1.09E-05
92	486583.18, 3855743.15	3.42E-03	3.58E-06	2.07E-06	4.92E-07	4.81E-08	5.40E-07	1.50E-03	5.19E-07	1.57E-06	1.73E-08	2.03E-07	2.20E-07	2.10E-05	1.07E-05
93	486633.18, 3855743.15	3.28E-03	3.43E-06	1.98E-06	4.72E-07	4.61E-08	5.18E-07	1.47E-03	5.09E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	2.05E-05	1.04E-05
94	486683.18, 3855743.15	3.19E-03	3.33E-06	1.93E-06	4.58E-07	4.48E-08	5.03E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	2.00E-05	1.02E-05
95	486733.18, 3855743.15	3.09E-03	3.23E-06	1.87E-06	4.44E-07	4.34E-08	4.87E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	1.95E-05	9.93E-06
96	486783.18, 3855743.15	3.03E-03	3.17E-06	1.83E-06	4.36E-07	4.26E-08	4.78E-07	1.43E-03	4.96E-07	1.50E-06	1.66E-08	1.94E-07	2.10E-07	1.91E-05	9.69E-06
97	486533.18, 3855793.15	3.78E-03	3.95E-06	2.29E-06	5.44E-07	5.32E-08	5.97E-07	1.58E-03	5.47E-07	1.65E-06	1.83E-08	2.14E-07	2.32E-07	2.21E-05	1.13E-05
98	486583.18, 3855793.15	3.55E-03	3.71E-06	2.15E-06	5.10E-07	4.99E-08	5.60E-07	1.53E-03	5.29E-07	1.60E-06	1.77E-08	2.07E-07	2.24E-07	2.17E-05	1.10E-05
99	486633.18, 3855793.15	3.43E-03	3.59E-06	2.08E-06	4.93E-07	4.82E-08	5.42E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	2.11E-05	1.07E-05
100	486683.18, 3855793.15	3.33E-03	3.48E-06	2.01E-06	4.79E-07	4.68E-08	5.25E-07	1.50E-03	5.18E-07	1.56E-06	1.73E-08	2.03E-07	2.20E-07	2.06E-05	1.05E-05
101	486733.18, 3855793.15	3.22E-03	3.37E-06	1.95E-06	4.64E-07	4.53E-08	5.09E-07	1.48E-03	5.11E-07	1.54E-06	1.71E-08	2.00E-07	2.17E-07	2.01E-05	1.02E-05
102	486783.18, 3855793.15	3.13E-03	3.28E-06	1.90E-06	4.51E-07	4.41E-08	4.95E-07	1.46E-03	5.06E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	1.96E-05	9.98E-06
103	486533.18, 3855843.15	3.95E-03	4.13E-06	2.39E-06	5.68E-07	5.55E-08	6.23E-07	1.61E-03	5.58E-07	1.68E-06	1.86E-08	2.18E-07	2.37E-07	2.29E-05	1.17E-05
104	486583.18, 3855843.15	3.72E-03	3.89E-06	2.25E-06	5.35E-07	5.23E-08	5.87E-07	1.57E-03	5.43E-07	1.64E-06	1.81E-08	2.12E-07	2.30E-07	2.24E-05	1.14E-05
105	486633.18, 3855843.15	3.59E-03	3.75E-06	2.17E-06	5.16E-07	5.05E-08	5.67E-07	1.55E-03	5.36E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	2.18E-05	1.11E-05
106	486683.18, 3855843.15	3.48E-03	3.63E-06	2.10E-06	5.00E-07	4.89E-08	5.49E-07	1.53E-03	5.30E-07	1.60E-06	1.77E-08	2.07E-07	2.25E-07	2.12E-05	1.08E-05
107	486733.18, 3855843.15	3.37E-03	3.52E-06	2.04E-06	4.84E-07	4.74E-08	5.32E-07	1.52E-03	5.25E-07	1.58E-06	1.75E-08	2.05E-07	2.23E-07	2.07E-05	1.05E-05
108	486783.18, 3855843.15	3.26E-03	3.41E-06	1.98E-06	4.69E-07	4.59E-08	5.15E-07	1.50E-03	5.19E-07	1.57E-06	1.73E-08	2.03E-07	2.20E-07	2.02E-05	1.03E-05
109	486533.18, 3855893.15	4.10E-03	4.29E-06	2.48E-06	5.90E-07	5.77E-08	6.48E-07	1.64E-03	5.66E-07	1.71E-06	1.89E-08	2.21E-07	2.40E-07	2.38E-05	1.21E-05
110	486583.18, 3855893.15	3.93E-03	4.11E-06	2.38E-06	5.65E-07	5.53E-08	6.20E-07	1.61E-03	5.59E-07	1.69E-06	1.87E-08	2.19E-07	2.37E-07	2.31E-05	1.18E-05
111	486633.18, 3855893.15	3.77E-03	3.94E-06	2.28E-06	5.43E-07	5.31E-08	5.96E-07	1.59E-03	5.50E-07	1.66E-06	1.84E-08	2.15E-07	2.34E-07	2.25E-05	1.14E-05
112	486683.18, 3855893.15	3.64E-03	3.80E-06	2.20E-06	5.23E-07	5.12E-08	5.75E-07	1.57E-03	5.44E-07	1.64E-06	1.82E-08	2.13E-07	2.31E-07	2.19E-05	1.11E-05
113	486733.18, 3855893.15	3.52E-03	3.68E-06	2.13E-06	5.06E-07	4.95E-08	5.56E-07	1.55E-03	5.38E-07	1.62E-06	1.80E-08	2.10E-07	2.28E-07	2.13E-05	1.08E-05
114	486783.18, 3855893.15	3.41E-03	3.57E-06	2.07E-06	4.91E-07	4.80E-08	5.39E-07	1.54E-03	5.33E-07	1.61E-06	1.78E-08	2.09E-07	2.26E-07	2.08E-05	1.06E-05
115	486533.18, 3855943.15	4.34E-03	4.53E-06	2.62E-06	6.24E-07	6.10E-08	6.85E-07	1.68E-03	5.81E-07	1.75E-06	1.94E-08	2.27E-07	2.47E-07	2.47E-05	1.26E-05
116	486583.18, 3855943.15	4.17E-03	4.36E-06	2.52E-06	6.00E-07	5.86E-08	6.58E-07	1.66E-03	5.75E-07	1.74E-06	1.92E-08	2.25E-07	2.44E-07	2.39E-05	1.22E-05
117	486633.18, 3855943.15	3.98E-03	4.16E-06	2.41E-06	5.73E-07	5.60E-08	6.29E-07	1.63E-03	5.66E-07	1.71E-06	1.89E-08	2.21E-07	2.40E-07	2.32E-05	1.18E-05
118	486683.18, 3855943.15	3.84E-03	4.01E-06	2.32E-06	5.52E-07	5.40E-08	6.06E-07	1.62E-03	5.60E-07	1.69E-06	1.87E-08	2.19E-07	2.38E-07	2.26E-05	1.15E-05
119	486733.18, 3855943.15	3.69E-03	3.86E-06	2.23E-06	5.31E-07	5.19E-08	5.83E-07	1.59E-03	5.52E-07	1.67E-06	1.84E-08	2.16E-07	2.34E-07	2.20E-05	1.12E-05
120	486783.18, 3855943.15	3.58E-03	3.74E-06	2.16E-06	5.14E-07	5.03E-08	5.65E-07	1.58E-03	5.47E-07	1.65E-06	1.83E-08	2.14E-07	2.32E-07	2.14E-05	1.09E-05

121	486533.18, 3855993.15	4.64E-03	4.85E-06	2.81E-06	6.67E-07	6.52E-08	7.32E-07	1.73E-03	5.98E-07	1.81E-06	2.00E-08	2.34E-07	2.54E-07	2.57E-05	1.31E-05
122	486583.18, 3855993.15	4.42E-03	4.62E-06	2.67E-06	6.36E-07	6.22E-08	6.98E-07	1.70E-03	5.90E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	2.48E-05	1.27E-05
123	486633.18, 3855993.15	4.22E-03	4.41E-06	2.55E-06	6.07E-07	5.94E-08	6.66E-07	1.68E-03	5.81E-07	1.76E-06	1.94E-08	2.27E-07	2.47E-07	2.41E-05	1.23E-05
124	486683.18, 3855993.15	4.06E-03	4.24E-06	2.45E-06	5.83E-07	5.70E-08	6.40E-07	1.66E-03	5.75E-07	1.74E-06	1.92E-08	2.25E-07	2.44E-07	2.33E-05	1.19E-05
125	486733.18, 3855993.15	3.89E-03	4.07E-06	2.36E-06	5.60E-07	5.47E-08	6.15E-07	1.64E-03	5.67E-07	1.71E-06	1.89E-08	2.22E-07	2.41E-07	2.27E-05	1.15E-05
126	486783.18, 3855993.15	3.75E-03	3.92E-06	2.27E-06	5.40E-07	5.28E-08	5.92E-07	1.62E-03	5.60E-07	1.69E-06	1.87E-08	2.19E-07	2.38E-07	2.20E-05	1.12E-05
127	486533.18, 3856043.15	4.97E-03	5.19E-06	3.01E-06	7.15E-07	6.99E-08	7.85E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	2.68E-05	1.36E-05
128	486583.18, 3856043.15	4.73E-03	4.94E-06	2.86E-06	6.80E-07	6.65E-08	7.47E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	2.58E-05	1.31E-05
129	486633.18, 3856043.15	4.49E-03	4.70E-06	2.72E-06	6.46E-07	6.32E-08	7.09E-07	1.73E-03	5.98E-07	1.80E-06	2.00E-08	2.34E-07	2.54E-07	2.49E-05	1.27E-05
130	486683.18, 3856043.15	4.31E-03	4.50E-06	2.61E-06	6.19E-07	6.06E-08	6.80E-07	1.71E-03	5.91E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	2.41E-05	1.23E-05
131	486733.18, 3856043.15	4.12E-03	4.30E-06	2.49E-06	5.92E-07	5.79E-08	6.50E-07	1.68E-03	5.82E-07	1.76E-06	1.94E-08	2.28E-07	2.47E-07	2.34E-05	1.19E-05
132	486783.18, 3856043.15	3.97E-03	4.15E-06	2.40E-06	5.71E-07	5.58E-08	6.26E-07	1.67E-03	5.76E-07	1.74E-06	1.92E-08	2.26E-07	2.45E-07	2.27E-05	1.16E-05
133	486533.18, 3856093.15	5.38E-03	5.62E-06	3.26E-06	7.74E-07	7.57E-08	8.49E-07	1.84E-03	6.36E-07	1.92E-06	2.12E-08	2.49E-07	2.70E-07	2.79E-05	1.42E-05
134	486583.18, 3856093.15	5.08E-03	5.31E-06	3.07E-06	7.31E-07	7.15E-08	8.02E-07	1.81E-03	6.26E-07	1.89E-06	2.09E-08	2.45E-07	2.66E-07	2.68E-05	1.37E-05
135	486633.18, 3856093.15	4.81E-03	5.03E-06	2.91E-06	6.92E-07	6.77E-08	7.60E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	2.59E-05	1.32E-05
136	486683.18, 3856093.15	4.59E-03	4.80E-06	2.78E-06	6.60E-07	6.45E-08	7.25E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	2.50E-05	1.28E-05
137	486733.18, 3856093.15	4.38E-03	4.58E-06	2.65E-06	6.30E-07	6.16E-08	6.91E-07	1.73E-03	5.99E-07	1.81E-06	2.00E-08	2.34E-07	2.54E-07	2.42E-05	1.23E-05
138	486783.18, 3856093.15	4.20E-03	4.39E-06	2.54E-06	6.04E-07	5.91E-08	6.63E-07	1.71E-03	5.92E-07	1.79E-06	1.98E-08	2.32E-07	2.51E-07	2.35E-05	1.20E-05
139	486533.18, 3856143.15	5.85E-03	6.11E-06	3.54E-06	8.41E-07	8.23E-08	9.24E-07	1.89E-03	6.56E-07	1.98E-06	2.19E-08	2.56E-07	2.78E-07	2.92E-05	1.49E-05
140	486583.18, 3856143.15	5.48E-03	5.73E-06	3.32E-06	7.88E-07	7.71E-08	8.66E-07	1.86E-03	6.44E-07	1.94E-06	2.15E-08	2.52E-07	2.73E-07	2.81E-05	1.43E-05
141	486633.18, 3856143.15	5.19E-03	5.42E-06	3.14E-06	7.46E-07	7.29E-08	8.19E-07	1.83E-03	6.34E-07	1.92E-06	2.12E-08	2.48E-07	2.69E-07	2.70E-05	1.38E-05
142	486683.18, 3856143.15	4.92E-03	5.14E-06	2.98E-06	7.07E-07	6.92E-08	7.76E-07	1.80E-03	6.25E-07	1.89E-06	2.09E-08	2.44E-07	2.65E-07	2.60E-05	1.33E-05
143	486733.18, 3856143.15	4.68E-03	4.89E-06	2.83E-06	6.73E-07	6.58E-08	7.38E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	2.51E-05	1.28E-05
144	486783.18, 3856143.15	4.49E-03	4.69E-06	2.72E-06	6.45E-07	6.31E-08	7.09E-07	1.76E-03	6.10E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	2.43E-05	1.24E-05
145	486533.18, 3856193.15	6.45E-03	6.75E-06	3.91E-06	9.28E-07	9.08E-08	1.02E-06	1.96E-03	6.77E-07	2.05E-06	2.26E-08	2.65E-07	2.88E-07	3.07E-05	1.57E-05
146	486583.18, 3856193.15	5.99E-03	6.26E-06	3.62E-06	8.61E-07	8.42E-08	9.45E-07	1.92E-03	6.64E-07	2.00E-06	2.22E-08	2.60E-07	2.82E-07	2.94E-05	1.50E-05
147	486633.18, 3856193.15	5.63E-03	5.88E-06	3.41E-06	8.09E-07	7.91E-08	8.88E-07	1.89E-03	6.53E-07	1.97E-06	2.18E-08	2.56E-07	2.77E-07	2.82E-05	1.44E-05
148	486683.18, 3856193.15	5.33E-03	5.57E-06	3.22E-06	7.66E-07	7.49E-08	8.41E-07	1.86E-03	6.45E-07	1.95E-06	2.15E-08	2.52E-07	2.74E-07	2.70E-05	1.38E-05
149	486733.18, 3856193.15	5.04E-03	5.26E-06	3.05E-06	7.24E-07	7.08E-08	7.95E-07	1.83E-03	6.35E-07	1.92E-06	2.12E-08	2.48E-07	2.70E-07	2.61E-05	1.33E-05
150	486783.18, 3856193.15	4.80E-03	5.02E-06	2.90E-06	6.90E-07	6.75E-08	7.58E-07	1.82E-03	6.28E-07	1.90E-06	2.10E-08	2.46E-07	2.67E-07	2.51E-05	1.28E-05
151	486533.18, 3856243.15	7.17E-03	7.49E-06	4.34E-06	1.03E-06	1.01E-07	1.13E-06	2.02E-03	6.99E-07	2.11E-06	2.33E-08	2.73E-07	2.97E-07	3.25E-05	1.67E-05
152	486583.18, 3856243.15	6.62E-03	6.92E-06	4.00E-06	9.52E-07	9.31E-08	1.04E-06	1.98E-03	6.87E-07	2.07E-06	2.29E-08	2.69E-07	2.91E-07	3.09E-05	1.58E-05
153	486633.18, 3856243.15	6.16E-03	6.44E-06	3.73E-06	8.85E-07	8.66E-08	9.72E-07	1.95E-03	6.75E-07	2.04E-06	2.25E-08	2.64E-07	2.86E-07	2.95E-05	1.51E-05
154	486683.18, 3856243.15	5.77E-03	6.03E-06	3.49E-06	8.29E-07	8.11E-08	9.11E-07	1.92E-03	6.65E-07	2.01E-06	2.22E-08	2.60E-07	2.82E-07	2.82E-05	1.44E-05
155	486733.18, 3856243.15	5.44E-03	5.68E-06	3.29E-06	7.82E-07	7.65E-08	8.58E-07	1.90E-03	6.56E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	2.71E-05	1.39E-05
156	486783.18, 3856243.15	5.14E-03	5.37E-06	3.11E-06	7.39E-07	7.22E-08	8.11E-07	1.87E-03	6.46E-07	1.95E-06	2.16E-08	2.53E-07	2.74E-07	2.61E-05	1.33E-05
157	486533.18, 3856293.15	8.05E-03	8.41E-06	4.87E-06	1.16E-06	1.13E-07	1.27E-06	2.09E-03	7.23E-07	2.18E-06	2.41E-08	2.83E-07	3.07E-07	3.46E-05	1.78E-05
158	486583.18, 3856293.15	7.34E-03	7.67E-06	4.44E-06	1.06E-06	1.03E-07	1.16E-06	2.05E-03	7.09E-07	2.14E-06	2.37E-08	2.77E-07	3.01E-07	3.27E-05	1.68E-05
159	486633.18, 3856293.15	6.76E-03	7.07E-06	4.09E-06	9.73E-07	9.51E-08	1.07E-06	2.01E-03	6.97E-07	2.10E-06	2.33E-08	2.73E-07	2.96E-07	3.10E-05	1.59E-05
160	486683.18, 3856293.15	6.29E-03	6.57E-06	3.80E-06	9.04E-07	8.84E-08	9.92E-07	1.98E-03	6.85E-07	2.07E-06	2.29E-08	2.68E-07	2.91E-07	2.96E-05	1.52E-05
161	486733.18, 3856293.15	5.89E-03	6.16E-06	3.57E-06	8.47E-07	8.29E-08	9.30E-07	1.96E-03	6.77E-07	2.05E-06	2.26E-08	2.65E-07	2.88E-07	2.83E-05	1.45E-05
162	486783.18, 3856293.15	5.53E-03	5.78E-06	3.35E-06	7.96E-07	7.78E-08	8.74E-07	1.93E-03	6.67E-07	2.01E-06	2.23E-08	2.61E-07	2.83E-07	2.72E-05	1.39E-05
163	486783.18, 3856343.15	6.00E-03	6.27E-06	3.63E-06	8.63E-07	8.44E-08	9.47E-07	1.99E-03	6.90E-07	2.08E-06	2.30E-08	2.70E-07	2.93E-07	2.84E-05	1.45E-05
164	486833.18, 3856343.15	5.63E-03	5.88E-06	3.40E-06	8.09E-07	7.91E-08	8.88E-07	1.96E-03	6.80E-07	2.05E-06	2.27E-08	2.66E-07	2.89E-07	2.72E-05	1.39E-05
165	486883.18, 3856343.15	5.30E-03	5.54E-06	3.21E-06	7.62E-07	7.46E-08	8.37E-07	1.94E-03	6.71E-07	2.03E-06	2.24E-08	2.63E-07	2.85E-07	2.62E-05	1.34E-05
166	486783.18, 3856393.15	6.51E-03	6.80E-06	3.94E-06	9.36E-07	9.15E-08	1.03E-06	2.05E-03	7.11E-07	2.15E-06	2.37E-08	2.78E-07	3.02E-07	2.98E-05	1.53E-05
167	486833.18, 3856393.15	6.06E-03	6.34E-06	3.67E-06	8.72E-07	8.53E-08	9.57E-07	2.02E-03	7.01E-07	2.12E-06	2.34E-08	2.74E-07	2.97E-07	2.85E-05	1.46E-05
168	486883.18, 3856393.15	5.67E-03	5.93E-06	3.43E-06	8.16E-07	7.98E-08	8.96E-07	1.99E-03	6.90E-07	2.08E-06	2.30E-08	2.70E-07	2.93E-07	2.73E-05	1.40E-05
169	487208.74, 3856886.11	7.62E-03	7.97E-06	4.61E-06	1.10E-06	1.07E-07	1.20E-06	2.47E-03	8.55E-07	2.58E-06	2.85E-08	3.34E-07	3.63E-07	4.05E-05	2.06E-05
170	487258.74, 3856886.11	6.99E-03	7.31E-06	4.23E-06	1.01E-06	9.83E-08	1.10E-06	2.42E-03	8.38E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.15E-05	2.10E-05
171	487308.74, 3856886.11	6.46E-03	6.75E-06	3.91E-06	9.29E-07	9.09E-08	1.02E-06	2.38E-03	8.24E-07	2.49E-06	2.75E-08	3.22E-07	3.50E-07	4.15E-05	2.10E-05
172	487358.74, 3856886.11	6.01E-03	6.29E-06	3.64E-06	8.65E-07	8.46E-08	9.49E-07	2.34E-03	8.09E-07	2.44E-06	2.70E-08	3.16E-07	3.43E-07	4.11E-05	2.08E-05
173	487208.74, 3856936.11	8.44E-03	8.82E-06	5.11E-06	1.21E-06	1.19E-07	1.33E-06	2.56E-03	8.86E-07	2.68E-06	2.96E-08	3.47E-07	3.76E-07	4.45E-05	2.26E-05
174	487258.74, 3856936.11	7.66E-03	8.01E-06	4.64E-06	1.10E-06	1.08E-07	1.21E-06	2.51E-03	8.69E-07	2.62E-06	2.90E-08	3.40E-07	3.69E-07	4.44E-05	2.25E-05
175	487308.74, 3856936.11	7.02E-03	7.34E-06	4.25E-06	1.01E-06	9.87E-08	1.11E-06	2.47E-03	8.54E-07	2.58E-06	2.85E-08	3.34E-07	3.62E-07	4.40E-05	2.23E-05
176	487358.74, 3856936.11	6.49E-03	6.78E-06	3.93E-06	9.33E-07	9.12E-08	1.02E-06	2.42E-03	8.38E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.35E-05	2.20E-05
177	487208.74, 3856986.11	9.47E-03	9.90E-06	5.73E-06	1.36E-06	1.33E-07	1.50E-06	2.66E-03	9.20E-07	2.78E-06	3.07E-08	3.60E-07	3.90E-07	4.67E-05	2.38E-05
178	487258.74, 3856986.11	8.49E-03	8.87E-06	5.14E-06	1.22E-06	1.19E-07	1.34E-06	2.61E-03	9.03E-07	2.73E-06	3.02E-08	3.53E-07	3.84E-07	4.60E-05	2.34E-05
179	487308.74, 3856986.11	7.71E-03	8.05E-06	4.66E-06	1.11E-06	1.08E-07	1.22E-06	2.55E-03	8.84E-07	2.67E-06	2.95E-08	3.46E-07	3.76E-07	4.54E-05	2.30E-05
180	487358.74, 3856986.11	7.06E-03	7.38E-06	4.27E-06	1.01E-06	9.93E-08	1.11E-06	2.51E-03	8.69E-07	2.62E-06	2.90E-08	3.40E-07	3.69E-07	4.47E-05	2.26E-05
181	487208.74, 3857036.11	1.08E-02	1.13E-05	6.55E-06	1.56E-06	1.52E-07	1.71E-06	2.76E-03	9.56E-07	2.89E-06	3.19E-08	3.74E-07	4.06E-07	4.86E-05	2.49E-05
182	487258.74, 3857036.11	9.54E-03	9.97E-06	5.77E-06	1.37E-06	1.34E-07	1.51E-06	2.71E-03	9.37E-07	2.83E-06	3.13E-08	3.67E-07	3.98E-07	4.70E-05	2.40E-05

183	487308.74, 3857036.11	8.54E-03	8.93E-06	5.17E-06	1.23E-06	1.20E-07	1.35E-06	2.66E-03	9.20E-07	2.78E-06	3.07E-08	3.60E-07	3.90E-07	4.62E-05	2.35E-05
184	487358.74, 3857036.11	7.74E-03	8.09E-06	4.68E-06	1.11E-06	1.09E-07	1.22E-06	2.61E-03	9.02E-07	2.72E-06	3.01E-08	3.53E-07	3.83E-07	4.55E-05	2.31E-05
185	487427.14, 3856878.23	5.44E-03	5.69E-06	3.29E-06	7.82E-07	7.65E-08	8.59E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	3.93E-05	1.98E-05
186	487477.14, 3856878.23	5.13E-03	5.36E-06	3.10E-06	7.37E-07	7.21E-08	8.09E-07	2.24E-03	7.77E-07	2.34E-06	2.59E-08	3.04E-07	3.30E-07	3.82E-05	1.93E-05
187	487527.14, 3856878.23	4.85E-03	5.07E-06	2.94E-06	6.98E-07	6.82E-08	7.66E-07	2.21E-03	7.65E-07	2.31E-06	2.55E-08	2.99E-07	3.25E-07	3.64E-05	1.84E-05
188	487427.14, 3856928.23	5.82E-03	6.08E-06	3.52E-06	8.37E-07	8.18E-08	9.18E-07	2.35E-03	8.15E-07	2.46E-06	2.72E-08	3.19E-07	3.46E-07	4.22E-05	2.13E-05
189	487477.14, 3856928.23	5.46E-03	5.71E-06	3.30E-06	7.85E-07	7.68E-08	8.62E-07	2.31E-03	8.01E-07	2.42E-06	2.67E-08	3.13E-07	3.40E-07	4.14E-05	2.09E-05
190	487527.14, 3856928.23	5.14E-03	5.38E-06	3.11E-06	7.40E-07	7.23E-08	8.12E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	4.02E-05	2.03E-05
191	487577.14, 3856928.23	4.87E-03	5.09E-06	2.94E-06	7.00E-07	6.84E-08	7.68E-07	2.24E-03	7.77E-07	2.34E-06	2.59E-08	3.04E-07	3.30E-07	3.92E-05	1.97E-05
192	487627.14, 3856928.23	4.62E-03	4.83E-06	2.80E-06	6.64E-07	6.50E-08	7.29E-07	2.21E-03	7.64E-07	2.31E-06	2.55E-08	2.99E-07	3.24E-07	3.75E-05	1.89E-05
193	487677.14, 3856928.23	4.40E-03	4.60E-06	2.66E-06	6.32E-07	6.18E-08	6.94E-07	2.18E-03	7.54E-07	2.28E-06	2.52E-08	2.95E-07	3.20E-07	3.62E-05	1.82E-05
194	487727.14, 3856928.23	4.20E-03	4.39E-06	2.54E-06	6.04E-07	5.90E-08	6.63E-07	2.15E-03	7.45E-07	2.25E-06	2.49E-08	2.91E-07	3.16E-07	3.53E-05	1.78E-05
195	487777.14, 3856928.23	4.02E-03	4.20E-06	2.43E-06	5.78E-07	5.65E-08	6.34E-07	2.12E-03	7.34E-07	2.22E-06	2.45E-08	2.87E-07	3.12E-07	3.48E-05	1.75E-05
196	487427.14, 3856978.23	6.26E-03	6.55E-06	3.79E-06	9.01E-07	8.81E-08	9.89E-07	2.43E-03	8.43E-07	2.54E-06	2.81E-08	3.30E-07	3.58E-07	4.37E-05	2.20E-05
197	487477.14, 3856978.23	5.84E-03	6.11E-06	3.53E-06	8.40E-07	8.22E-08	9.22E-07	2.39E-03	8.29E-07	2.50E-06	2.77E-08	3.24E-07	3.52E-07	4.29E-05	2.17E-05
198	487527.14, 3856978.23	5.48E-03	5.72E-06	3.31E-06	7.87E-07	7.70E-08	8.64E-07	2.36E-03	8.16E-07	2.46E-06	2.72E-08	3.19E-07	3.46E-07	4.22E-05	2.13E-05
199	487577.14, 3856978.23	5.16E-03	5.39E-06	3.12E-06	7.42E-07	7.25E-08	8.14E-07	2.32E-03	8.03E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	4.16E-05	2.09E-05
200	487627.14, 3856978.23	4.88E-03	5.10E-06	2.95E-06	7.02E-07	6.86E-08	7.70E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	4.10E-05	2.06E-05
201	487677.14, 3856978.23	4.63E-03	4.84E-06	2.80E-06	6.66E-07	6.51E-08	7.31E-07	2.25E-03	7.78E-07	2.35E-06	2.60E-08	3.04E-07	3.30E-07	4.02E-05	2.02E-05
202	487727.14, 3856978.23	4.41E-03	4.61E-06	2.67E-06	6.34E-07	6.20E-08	6.96E-07	2.20E-03	7.62E-07	2.30E-06	2.55E-08	2.98E-07	3.24E-07	3.96E-05	1.99E-05
203	487777.14, 3856978.23	4.20E-03	4.39E-06	2.54E-06	6.05E-07	5.91E-08	6.64E-07	2.19E-03	7.57E-07	2.29E-06	2.53E-08	2.96E-07	3.21E-07	3.83E-05	1.93E-05
204	487427.14, 3857028.23	6.78E-03	7.09E-06	4.10E-06	9.75E-07	9.54E-08	1.07E-06	2.53E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	4.44E-05	2.25E-05
205	487477.14, 3857028.23	6.28E-03	6.57E-06	3.80E-06	9.04E-07	8.84E-08	9.92E-07	2.48E-03	8.59E-07	2.59E-06	2.87E-08	3.36E-07	3.65E-07	4.38E-05	2.21E-05
206	487527.14, 3857028.23	5.86E-03	6.12E-06	3.55E-06	8.43E-07	8.24E-08	9.25E-07	2.44E-03	8.43E-07	2.55E-06	2.82E-08	3.30E-07	3.58E-07	4.32E-05	2.18E-05
207	487577.14, 3857028.23	5.49E-03	5.74E-06	3.32E-06	7.90E-07	7.72E-08	8.67E-07	2.40E-03	8.30E-07	2.51E-06	2.77E-08	3.25E-07	3.52E-07	4.25E-05	2.14E-05
208	487627.14, 3857028.23	5.17E-03	5.41E-06	3.13E-06	7.44E-07	7.27E-08	8.17E-07	2.35E-03	8.14E-07	2.46E-06	2.72E-08	3.18E-07	3.46E-07	4.20E-05	2.12E-05
209	487677.14, 3857028.23	4.89E-03	5.11E-06	2.96E-06	7.03E-07	6.88E-08	7.72E-07	2.32E-03	8.02E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	4.13E-05	2.08E-05
210	487727.14, 3857028.23	4.64E-03	4.85E-06	2.81E-06	6.67E-07	6.52E-08	7.32E-07	2.29E-03	7.92E-07	2.39E-06	2.64E-08	3.10E-07	3.36E-07	4.05E-05	2.04E-05
211	487777.14, 3857028.23	4.41E-03	4.61E-06	2.67E-06	6.35E-07	6.21E-08	6.97E-07	2.25E-03	7.80E-07	2.36E-06	2.61E-08	3.05E-07	3.31E-07	3.96E-05	1.99E-05
212	487427.14, 3857078.23	7.41E-03	7.74E-06	4.48E-06	1.07E-06	1.04E-07	1.17E-06	2.62E-03	9.08E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	4.51E-05	2.29E-05
213	487477.14, 3857078.23	6.81E-03	7.12E-06	4.12E-06	9.79E-07	9.58E-08	1.08E-06	2.57E-03	8.90E-07	2.69E-06	2.97E-08	3.48E-07	3.78E-07	4.44E-05	2.25E-05
214	487527.14, 3857078.23	6.31E-03	6.59E-06	3.82E-06	9.07E-07	8.87E-08	9.95E-07	2.53E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	4.38E-05	2.21E-05
215	487577.14, 3857078.23	5.88E-03	6.14E-06	3.56E-06	8.45E-07	8.27E-08	9.28E-07	2.48E-03	8.58E-07	2.59E-06	2.87E-08	3.36E-07	3.64E-07	4.32E-05	2.18E-05
216	487627.14, 3857078.23	5.51E-03	5.76E-06	3.33E-06	7.92E-07	7.75E-08	8.70E-07	2.43E-03	8.43E-07	2.54E-06	2.81E-08	3.30E-07	3.58E-07	4.26E-05	2.15E-05
217	487677.14, 3857078.23	5.19E-03	5.42E-06	3.14E-06	7.46E-07	7.29E-08	8.19E-07	2.40E-03	8.30E-07	2.51E-06	2.77E-08	3.25E-07	3.52E-07	4.19E-05	2.11E-05
218	487727.14, 3857078.23	4.90E-03	5.12E-06	2.97E-06	7.05E-07	6.89E-08	7.74E-07	2.36E-03	8.17E-07	2.47E-06	2.73E-08	3.20E-07	3.47E-07	4.12E-05	2.07E-05
219	487777.14, 3857078.23	4.65E-03	4.86E-06	2.81E-06	6.68E-07	6.54E-08	7.34E-07	2.32E-03	8.04E-07	2.43E-06	2.69E-08	3.15E-07	3.41E-07	4.05E-05	2.04E-05
220	487427.14, 3857128.23	8.17E-03	8.54E-06	4.95E-06	1.18E-06	1.15E-07	1.29E-06	2.73E-03	9.44E-07	2.85E-06	3.15E-08	3.69E-07	4.01E-07	4.57E-05	2.32E-05
221	487477.14, 3857128.23	7.44E-03	7.78E-06	4.50E-06	1.07E-06	1.05E-07	1.18E-06	2.67E-03	9.24E-07	2.79E-06	3.09E-08	3.61E-07	3.92E-07	4.50E-05	2.28E-05
222	487527.14, 3857128.23	6.84E-03	7.15E-06	4.14E-06	9.84E-07	9.62E-08	1.08E-06	2.62E-03	9.06E-07	2.73E-06	3.02E-08	3.54E-07	3.85E-07	4.44E-05	2.25E-05
223	487577.14, 3857128.23	6.33E-03	6.62E-06	3.83E-06	9.11E-07	8.91E-08	1.00E-06	2.57E-03	8.89E-07	2.69E-06	2.97E-08	3.48E-07	3.78E-07	4.37E-05	2.21E-05
224	487627.14, 3857128.23	5.90E-03	6.17E-06	3.57E-06	8.48E-07	8.30E-08	9.31E-07	2.52E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	4.31E-05	2.17E-05
225	487677.14, 3857128.23	5.53E-03	5.78E-06	3.35E-06	7.95E-07	7.77E-08	8.73E-07	2.48E-03	8.58E-07	2.59E-06	2.86E-08	3.36E-07	3.64E-07	4.25E-05	2.14E-05
226	487727.14, 3857128.23	5.20E-03	5.43E-06	3.15E-06	7.48E-07	7.31E-08	8.21E-07	2.44E-03	8.45E-07	2.55E-06	2.82E-08	3.31E-07	3.59E-07	4.17E-05	2.10E-05
227	487777.14, 3857128.23	4.91E-03	5.14E-06	2.97E-06	7.07E-07	6.91E-08	7.76E-07	2.40E-03	8.31E-07	2.51E-06	2.78E-08	3.25E-07	3.53E-07	4.11E-05	2.07E-05
228	488049.44, 3856539.39	2.63E-03	2.75E-06	1.59E-06	3.78E-07	3.70E-08	4.15E-07	1.66E-03	5.76E-07	1.74E-06	1.92E-08	2.25E-07	2.45E-07	1.64E-05	8.40E-06
229	488099.44, 3856539.39	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	1.64E-03	5.69E-07	1.72E-06	1.90E-08	2.23E-07	2.42E-07	1.61E-05	8.26E-06
230	488149.44, 3856539.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	1.63E-03	5.64E-07	1.70E-06	1.88E-08	2.21E-07	2.39E-07	1.59E-05	8.13E-06
231	488049.44, 3856589.39	2.69E-03	2.82E-06	1.63E-06	3.88E-07	3.79E-08	4.25E-07	1.70E-03	5.88E-07	1.78E-06	1.96E-08	2.30E-07	2.50E-07	1.69E-05	8.65E-06
232	488099.44, 3856589.39	2.63E-03	2.75E-06	1.59E-06	3.78E-07	3.70E-08	4.15E-07	1.68E-03	5.82E-07	1.76E-06	1.94E-08	2.28E-07	2.47E-07	1.66E-05	8.51E-06
233	488149.44, 3856589.39	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	1.66E-03	5.76E-07	1.74E-06	1.92E-08	2.25E-07	2.45E-07	1.64E-05	8.38E-06
234	488199.44, 3856589.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	1.64E-03	5.69E-07	1.72E-06	1.90E-08	2.23E-07	2.42E-07	1.61E-05	8.24E-06
235	488249.44, 3856589.39	2.46E-03	2.57E-06	1.49E-06	3.54E-07	3.46E-08	3.89E-07	1.64E-03	5.67E-07	1.71E-06	1.89E-08	2.22E-07	2.41E-07	1.58E-05	8.10E-06
236	488049.44, 3856639.39	2.76E-03	2.89E-06	1.67E-06	3.97E-07	3.89E-08	4.36E-07	1.74E-03	6.01E-07	1.81E-06	2.01E-08	2.35E-07	2.55E-07	1.76E-05	8.99E-06
237	488099.44, 3856639.39	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.79E-08	4.26E-07	1.72E-03	5.94E-07	1.79E-06	1.98E-08	2.33E-07	2.52E-07	1.73E-05	8.84E-06
238	488149.44, 3856639.39	2.63E-03	2.75E-06	1.59E-06	3.79E-07	3.70E-08	4.16E-07	1.70E-03	5.88E-07	1.77E-06	1.96E-08	2.30E-07	2.50E-07	1.70E-05	8.68E-06
239	488199.44, 3856639.39	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	1.68E-03	5.83E-07	1.76E-06	1.95E-08	2.28E-07	2.48E-07	1.67E-05	8.53E-06
240	488249.44, 3856639.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	1.67E-03	5.78E-07	1.74E-06	1.93E-08	2.26E-07	2.45E-07	1.64E-05	8.38E-06
241	488299.44, 3856639.39	2.46E-03	2.57E-06	1.49E-06	3.54E-07	3.46E-08	3.89E-07	1.65E-03	5.73E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	1.61E-05	8.23E-06
242	488349.44, 3856639.39	2.41E-03	2.52E-06	1.46E-06	3.47E-07	3.39E-08	3.81E-07	1.64E-03	5.67E-07	1.71E-06	1.89E-08	2.22E-07	2.41E-07	1.58E-05	8.09E-06
243	488399.44, 3856639.39	2.37E-03	2.47E-06	1.43E-06	3.40E-07	3.33E-08	3.73E-07	1.63E-03	5.63E-07	1.70E-06	1.88E-08	2.20E-07	2.39E-07	1.55E-05	7.95E-06
244	488099.44, 3856689.39	2.77E-03	2.89E-06	1.67E-06	3.98E-07	3.89E-08	4.36E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	1.82E-05	9.28E-06

245	488149.44, 3856689.39	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.79E-08	4.26E-07	1.74E-03	6.01E-07	1.81E-06	2.01E-08	2.35E-07	2.55E-07	1.78E-05	9.08E-06
246	488199.44, 3856689.39	2.63E-03	2.75E-06	1.59E-06	3.79E-07	3.70E-08	4.16E-07	1.72E-03	5.95E-07	1.80E-06	1.99E-08	2.33E-07	2.53E-07	1.74E-05	8.89E-06
247	488249.44, 3856689.39	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	1.70E-03	5.89E-07	1.78E-06	1.97E-08	2.30E-07	2.50E-07	1.70E-05	8.71E-06
248	488299.44, 3856689.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.98E-07	1.69E-03	5.85E-07	1.77E-06	1.95E-08	2.29E-07	2.48E-07	1.67E-05	8.53E-06
249	488349.44, 3856689.39	2.46E-03	2.58E-06	1.49E-06	3.54E-07	3.47E-08	3.89E-07	1.67E-03	5.79E-07	1.75E-06	1.93E-08	2.27E-07	2.46E-07	1.64E-05	8.36E-06
250	488399.44, 3856689.39	2.41E-03	2.52E-06	1.46E-06	3.47E-07	3.39E-08	3.81E-07	1.65E-03	5.72E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	1.61E-05	8.22E-06
251	488099.44, 3856739.39	2.84E-03	2.97E-06	1.72E-06	4.08E-07	3.99E-08	4.48E-07	1.80E-03	6.23E-07	1.88E-06	2.08E-08	2.44E-07	2.64E-07	1.93E-05	9.85E-06
252	488149.44, 3856739.39	2.77E-03	2.89E-06	1.67E-06	3.98E-07	3.89E-08	4.37E-07	1.77E-03	6.14E-07	1.86E-06	2.05E-08	2.40E-07	2.61E-07	1.88E-05	9.57E-06
253	488199.44, 3856739.39	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.80E-08	4.26E-07	1.76E-03	6.10E-07	1.84E-06	2.04E-08	2.38E-07	2.59E-07	1.82E-05	9.30E-06
254	488249.44, 3856739.39	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	1.74E-03	6.02E-07	1.82E-06	2.01E-08	2.36E-07	2.56E-07	1.78E-05	9.07E-06
255	488299.44, 3856739.39	2.58E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.07E-07	1.72E-03	5.94E-07	1.79E-06	1.98E-08	2.33E-07	2.52E-07	1.74E-05	8.88E-06
256	488349.44, 3856739.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.98E-07	1.71E-03	5.91E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	1.70E-05	8.67E-06
257	488399.44, 3856739.39	2.46E-03	2.58E-06	1.49E-06	3.54E-07	3.47E-08	3.89E-07	1.70E-03	5.88E-07	1.77E-06	1.96E-08	2.30E-07	2.50E-07	1.66E-05	8.47E-06
258	487999.44, 3856789.39	3.09E-03	3.23E-06	1.87E-06	4.45E-07	4.35E-08	4.88E-07	1.87E-03	6.49E-07	1.96E-06	2.17E-08	2.54E-07	2.75E-07	2.31E-05	1.17E-05
259	488049.44, 3856789.39	3.00E-03	3.14E-06	1.82E-06	4.32E-07	4.22E-08	4.74E-07	1.85E-03	6.42E-07	1.94E-06	2.14E-08	2.51E-07	2.72E-07	2.17E-05	1.10E-05
260	488099.44, 3856789.39	2.92E-03	3.05E-06	1.77E-06	4.20E-07	4.10E-08	4.61E-07	1.84E-03	6.37E-07	1.92E-06	2.13E-08	2.49E-07	2.70E-07	2.06E-05	1.05E-05
261	488149.44, 3856789.39	2.84E-03	2.97E-06	1.72E-06	4.09E-07	4.00E-08	4.49E-07	1.82E-03	6.29E-07	1.90E-06	2.10E-08	2.46E-07	2.67E-07	1.98E-05	1.01E-05
262	488199.44, 3856789.39	2.77E-03	2.90E-06	1.68E-06	3.98E-07	3.90E-08	4.37E-07	1.80E-03	6.23E-07	1.88E-06	2.08E-08	2.44E-07	2.65E-07	1.91E-05	9.76E-06
263	488249.44, 3856789.39	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.80E-08	4.26E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	1.86E-05	9.47E-06
264	488299.44, 3856789.39	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	1.81E-05	9.23E-06
265	488349.44, 3856789.39	2.58E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.07E-07	1.75E-03	6.05E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	1.76E-05	8.98E-06
266	488399.44, 3856789.39	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.98E-07	1.73E-03	6.00E-07	1.81E-06	2.00E-08	2.35E-07	2.55E-07	1.72E-05	8.76E-06
267	487949.44, 3856839.39	3.30E-03	3.44E-06	1.99E-06	4.74E-07	4.63E-08	5.20E-07	1.94E-03	6.72E-07	2.03E-06	2.24E-08	2.63E-07	2.85E-07	2.70E-05	1.36E-05
268	487999.44, 3856839.39	3.19E-03	3.34E-06	1.93E-06	4.59E-07	4.49E-08	5.04E-07	1.92E-03	6.64E-07	2.01E-06	2.22E-08	2.60E-07	2.82E-07	2.47E-05	1.25E-05
269	488049.44, 3856839.39	3.09E-03	3.23E-06	1.87E-06	4.45E-07	4.35E-08	4.89E-07	1.90E-03	6.57E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	2.30E-05	1.17E-05
270	488099.44, 3856839.39	3.01E-03	3.14E-06	1.82E-06	4.32E-07	4.23E-08	4.75E-07	1.88E-03	6.50E-07	1.96E-06	2.17E-08	2.54E-07	2.76E-07	2.18E-05	1.11E-05
271	488149.44, 3856839.39	2.92E-03	3.06E-06	1.77E-06	4.20E-07	4.11E-08	4.61E-07	1.86E-03	6.44E-07	1.94E-06	2.15E-08	2.52E-07	2.73E-07	2.08E-05	1.06E-05
272	488199.44, 3856839.39	2.85E-03	2.97E-06	1.72E-06	4.09E-07	4.00E-08	4.49E-07	1.84E-03	6.38E-07	1.93E-06	2.13E-08	2.49E-07	2.71E-07	2.00E-05	1.02E-05
273	487949.44, 3856889.39	3.41E-03	3.57E-06	2.07E-06	4.91E-07	4.80E-08	5.39E-07	1.99E-03	6.88E-07	2.08E-06	2.30E-08	2.69E-07	2.92E-07	2.87E-05	1.45E-05
274	487999.44, 3856889.39	3.30E-03	3.45E-06	2.00E-06	4.75E-07	4.64E-08	5.21E-07	1.97E-03	6.82E-07	2.06E-06	2.28E-08	2.67E-07	2.89E-07	2.61E-05	1.32E-05
275	488049.44, 3856889.39	3.20E-03	3.34E-06	1.93E-06	4.60E-07	4.50E-08	5.05E-07	1.94E-03	6.72E-07	2.03E-06	2.24E-08	2.63E-07	2.85E-07	2.43E-05	1.23E-05
276	488099.44, 3856889.39	3.10E-03	3.24E-06	1.88E-06	4.46E-07	4.36E-08	4.89E-07	1.92E-03	6.66E-07	2.01E-06	2.22E-08	2.61E-07	2.83E-07	2.29E-05	1.16E-05
277	488635.86, 3857895.05	4.70E-03	4.91E-06	2.84E-06	6.76E-07	6.61E-08	7.42E-07	3.33E-03	1.15E-06	3.48E-06	3.85E-08	4.51E-07	4.89E-07	2.44E-05	1.27E-05
278	489137.64, 3857804.15	3.00E-03	3.14E-06	1.82E-06	4.32E-07	4.22E-08	4.74E-07	2.50E-03	8.67E-07	2.62E-06	2.89E-08	3.39E-07	3.68E-07	1.86E-05	9.60E-06
279	488617.32, 3857859.41	4.60E-03	4.81E-06	2.79E-06	6.62E-07	6.47E-08	7.27E-07	3.24E-03	1.12E-06	3.39E-06	3.75E-08	4.39E-07	4.77E-07	2.40E-05	1.25E-05
280	488667.32, 3857859.41	4.39E-03	4.59E-06	2.65E-06	6.31E-07	6.17E-08	6.93E-07	3.16E-03	1.10E-06	3.31E-06	3.66E-08	4.29E-07	4.65E-07	2.33E-05	1.21E-05
281	488717.32, 3857859.41	4.19E-03	4.38E-06	2.54E-06	6.03E-07	5.90E-08	6.62E-07	3.09E-03	1.07E-06	3.23E-06	3.57E-08	4.19E-07	4.54E-07	2.26E-05	1.17E-05
282	488767.32, 3857859.41	4.02E-03	4.20E-06	2.43E-06	5.78E-07	5.66E-08	6.35E-07	3.03E-03	1.05E-06	3.16E-06	3.50E-08	4.10E-07	4.45E-07	2.21E-05	1.14E-05
283	488617.32, 3857909.41	4.86E-03	5.08E-06	2.94E-06	6.99E-07	6.84E-08	7.68E-07	3.41E-03	1.18E-06	3.56E-06	3.94E-08	4.61E-07	5.01E-07	2.50E-05	1.30E-05
284	488667.32, 3857909.41	4.63E-03	4.84E-06	2.80E-06	6.66E-07	6.52E-08	7.32E-07	3.33E-03	1.15E-06	3.48E-06	3.85E-08	4.51E-07	4.90E-07	2.42E-05	1.25E-05
285	488717.32, 3857909.41	4.41E-03	4.60E-06	2.67E-06	6.34E-07	6.20E-08	6.95E-07	3.24E-03	1.12E-06	3.39E-06	3.75E-08	4.39E-07	4.77E-07	2.35E-05	1.22E-05
286	488767.32, 3857909.41	4.22E-03	4.41E-06	2.55E-06	6.06E-07	5.93E-08	6.66E-07	3.17E-03	1.10E-06	3.32E-06	3.67E-08	4.30E-07	4.66E-07	2.29E-05	1.19E-05
287	488417.32, 3857959.41	6.71E-03	7.01E-06	4.06E-06	9.64E-07	9.43E-08	1.06E-06	4.02E-03	1.39E-06	4.20E-06	4.64E-08	5.44E-07	5.90E-07	3.17E-05	1.64E-05
288	488467.32, 3857959.41	6.23E-03	6.52E-06	3.77E-06	8.96E-07	8.77E-08	9.84E-07	3.90E-03	1.35E-06	4.08E-06	4.51E-08	5.28E-07	5.74E-07	2.99E-05	1.55E-05
289	488517.32, 3857959.41	5.84E-03	6.10E-06	3.53E-06	8.39E-07	8.21E-08	9.21E-07	3.80E-03	1.31E-06	3.97E-06	4.39E-08	5.14E-07	5.58E-07	2.84E-05	1.48E-05
290	488567.32, 3857959.41	5.48E-03	5.73E-06	3.32E-06	7.88E-07	7.71E-08	8.66E-07	3.70E-03	1.28E-06	3.87E-06	4.28E-08	5.01E-07	5.44E-07	2.72E-05	1.41E-05
291	488617.32, 3857959.41	5.17E-03	5.40E-06	3.13E-06	7.43E-07	7.27E-08	8.16E-07	3.60E-03	1.25E-06	3.76E-06	4.16E-08	4.87E-07	5.29E-07	2.62E-05	1.36E-05
292	488667.32, 3857959.41	4.90E-03	5.12E-06	2.96E-06	7.04E-07	6.88E-08	7.73E-07	3.50E-03	1.21E-06	3.66E-06	4.05E-08	4.75E-07	5.15E-07	2.53E-05	1.31E-05
293	488717.32, 3857959.41	4.66E-03	4.87E-06	2.82E-06	6.70E-07	6.55E-08	7.35E-07	3.42E-03	1.18E-06	3.57E-06	3.95E-08	4.63E-07	5.02E-07	2.46E-05	1.28E-05
294	488767.32, 3857959.41	4.44E-03	4.64E-06	2.69E-06	6.38E-07	6.24E-08	7.01E-07	3.33E-03	1.15E-06	3.48E-06	3.85E-08	4.51E-07	4.90E-07	2.40E-05	1.25E-05
295	488417.32, 3858009.41	7.32E-03	7.65E-06	4.43E-06	1.05E-06	1.03E-07	1.16E-06	4.29E-03	1.48E-06	4.48E-06	4.95E-08	5.80E-07	6.30E-07	3.44E-05	1.78E-05
296	488467.32, 3858009.41	6.77E-03	7.07E-06	4.09E-06	9.73E-07	9.51E-08	1.07E-06	4.16E-03	1.44E-06	4.35E-06	4.81E-08	5.63E-07	6.11E-07	3.21E-05	1.67E-05
297	488517.32, 3858009.41	6.29E-03	6.58E-06	3.81E-06	9.05E-07	8.85E-08	9.93E-07	4.04E-03	1.40E-06	4.22E-06	4.67E-08	5.47E-07	5.94E-07	3.03E-05	1.57E-05
298	488567.32, 3858009.41	5.89E-03	6.15E-06	3.56E-06	8.46E-07	8.28E-08	9.29E-07	3.93E-03	1.36E-06	4.10E-06	4.54E-08	5.32E-07	5.77E-07	2.89E-05	1.50E-05
299	488617.32, 3858009.41	5.52E-03	5.77E-06	3.34E-06	7.94E-07	7.76E-08	8.71E-07	3.81E-03	1.32E-06	3.98E-06	4.41E-08	5.16E-07	5.60E-07	2.77E-05	1.44E-05
300	488667.32, 3858009.41	5.20E-03	5.44E-06	3.15E-06	7.48E-07	7.32E-08	8.21E-07	3.70E-03	1.28E-06	3.87E-06	4.28E-08	5.01E-07	5.44E-07	2.68E-05	1.39E-05
301	488717.32, 3858009.41	4.93E-03	5.15E-06	2.98E-06	7.09E-07	6.93E-08	7.78E-07	3.60E-03	1.25E-06	3.77E-06	4.17E-08	4.88E-07	5.30E-07	2.60E-05	1.35E-05
302	488767.32, 3858009.41	4.69E-03	4.90E-06	2.84E-06	6.74E-07	6.59E-08	7.40E-07	3.51E-03	1.22E-06	3.67E-06	4.06E-08	4.76E-07	5.16E-07	2.55E-05	1.32E-05
303	488417.32, 3858059.41	8.08E-03	8.45E-06	4.89E-06	1.16E-06	1.14E-07	1.28E-06	4.61E-03	1.59E-06	4.81E-06	5.32E-08	6.24E-07	6.77E-07	3.82E-05	1.98E-05
304	488467.32, 3858059.41	7.41E-03	7.74E-06	4.48E-06	1.06E-06	1.04E-07	1.17E-06	4.46E-03	1.54E-06	4.66E-06	5.15E-08	6.04E-07	6.55E-07	3.50E-05	1.82E-05
305	488517.32, 3858059.41	6.83E-03	7.14E-06	4.14E-06	9.83E-07	9.61E-08	1.08E-06	4.32E-03	1.49E-06	4.51E-06	4.99E-08	5.84E-07	6.34E-07	3.27E-05	1.70E-05
306	488567.32, 3858059.41	6.36E-03	6.65E-06	3.85E-06	9.14E-07	8.94E-08	1.00E-06	4.19E-03	1.45E-06	4.37E-06	4.84E-08	5.67E-07	6.15E-07	3.10E-05	1.61E-05

307	488617.32, 3858059.41	5.94E-03	6.21E-06	3.60E-06	8.54E-07	8.36E-08	9.38E-07	4.06E-03	1.41E-06	4.25E-06	4.70E-08	5.50E-07	5.97E-07	2.96E-05	1.54E-05
308	488667.32, 3858059.41	5.57E-03	5.82E-06	3.37E-06	8.01E-07	7.83E-08	8.79E-07	3.94E-03	1.36E-06	4.11E-06	4.55E-08	5.33E-07	5.79E-07	2.86E-05	1.49E-05
309	488417.32, 3858109.41	8.95E-03	9.35E-06	5.42E-06	1.29E-06	1.26E-07	1.41E-06	4.95E-03	1.71E-06	5.17E-06	5.72E-08	6.70E-07	7.28E-07	4.42E-05	2.28E-05
310	488467.32, 3858109.41	8.15E-03	8.51E-06	4.93E-06	1.17E-06	1.15E-07	1.29E-06	4.79E-03	1.66E-06	5.00E-06	5.53E-08	6.48E-07	7.03E-07	3.93E-05	2.04E-05
311	488517.32, 3858109.41	7.48E-03	7.82E-06	4.53E-06	1.08E-06	1.05E-07	1.18E-06	4.63E-03	1.60E-06	4.84E-06	5.35E-08	6.27E-07	6.81E-07	3.61E-05	1.87E-05
312	488567.32, 3858109.41	6.91E-03	7.22E-06	4.18E-06	9.93E-07	9.71E-08	1.09E-06	4.48E-03	1.55E-06	4.68E-06	5.18E-08	6.07E-07	6.59E-07	3.38E-05	1.75E-05
313	488617.32, 3858109.41	6.41E-03	6.70E-06	3.88E-06	9.22E-07	9.02E-08	1.01E-06	4.34E-03	1.50E-06	4.54E-06	5.02E-08	5.88E-07	6.38E-07	3.22E-05	1.67E-05
314	488667.32, 3858109.41	5.98E-03	6.25E-06	3.62E-06	8.60E-07	8.41E-08	9.44E-07	4.19E-03	1.45E-06	4.38E-06	4.85E-08	5.68E-07	6.16E-07	3.13E-05	1.62E-05
315	488769.93, 3858449.27	9.46E-03	9.89E-06	5.73E-06	1.36E-06	1.33E-07	1.49E-06	6.67E-03	2.31E-06	6.97E-06	7.71E-08	9.03E-07	9.80E-07	3.79E-05	2.00E-05
316	488819.93, 3858449.27	8.52E-03	8.91E-06	5.16E-06	1.23E-06	1.20E-07	1.35E-06	6.31E-03	2.18E-06	6.59E-06	7.29E-08	8.54E-07	9.27E-07	3.48E-05	1.84E-05
317	488819.93, 3858499.27	9.57E-03	1.00E-05	5.79E-06	1.38E-06	1.35E-07	1.51E-06	7.01E-03	2.43E-06	7.33E-06	8.11E-08	9.50E-07	1.03E-06	4.07E-05	2.14E-05
318	488869.93, 3858499.27	8.62E-03	9.00E-06	5.21E-06	1.24E-06	1.21E-07	1.36E-06	6.61E-03	2.29E-06	6.91E-06	7.64E-08	8.95E-07	9.71E-07	3.63E-05	1.92E-05
319	488869.93, 3858549.27	9.70E-03	1.01E-05	5.87E-06	1.39E-06	1.36E-07	1.53E-06	7.39E-03	2.56E-06	7.72E-06	8.54E-08	1.00E-06	1.09E-06	4.31E-05	2.27E-05
320	489438.17, 3859571.48	3.65E-03	3.82E-06	2.21E-06	5.25E-07	5.14E-08	5.77E-07	3.65E-03	1.26E-06	3.81E-06	4.22E-08	4.94E-07	5.36E-07	2.14E-05	1.12E-05
321	489488.17, 3859571.48	4.01E-03	4.19E-06	2.42E-06	5.76E-07	5.64E-08	6.33E-07	3.99E-03	1.38E-06	4.17E-06	4.62E-08	5.41E-07	5.87E-07	2.05E-05	1.08E-05
322	489538.17, 3859571.48	4.44E-03	4.64E-06	2.69E-06	6.38E-07	6.24E-08	7.01E-07	4.41E-03	1.53E-06	4.61E-06	5.10E-08	5.98E-07	6.49E-07	1.99E-05	1.06E-05
323	489588.17, 3859571.48	4.97E-03	5.19E-06	3.01E-06	7.14E-07	6.99E-08	7.84E-07	4.93E-03	1.71E-06	5.15E-06	5.70E-08	6.67E-07	7.24E-07	1.95E-05	1.05E-05
324	489438.17, 3859621.48	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.15E-03	1.09E-06	3.29E-06	3.64E-08	4.27E-07	4.63E-07	2.11E-05	1.09E-05
325	489488.17, 3859621.48	3.41E-03	3.57E-06	2.06E-06	4.91E-07	4.80E-08	5.39E-07	3.40E-03	1.18E-06	3.55E-06	3.93E-08	4.60E-07	4.99E-07	2.00E-05	1.04E-05
326	489538.17, 3859621.48	3.71E-03	3.88E-06	2.25E-06	5.34E-07	5.22E-08	5.86E-07	3.69E-03	1.28E-06	3.86E-06	4.27E-08	5.00E-07	5.42E-07	1.93E-05	1.01E-05
327	489588.17, 3859621.48	4.09E-03	4.27E-06	2.47E-06	5.88E-07	5.75E-08	6.45E-07	4.05E-03	1.40E-06	4.23E-06	4.68E-08	5.48E-07	5.95E-07	1.87E-05	9.91E-06
328	489238.17, 3859671.48	2.23E-03	2.33E-06	1.35E-06	3.20E-07	3.13E-08	3.51E-07	2.23E-03	7.73E-07	2.33E-06	2.58E-08	3.03E-07	3.28E-07	3.24E-05	1.62E-05
329	489288.17, 3859671.48	2.34E-03	2.45E-06	1.42E-06	3.37E-07	3.29E-08	3.70E-07	2.35E-03	8.12E-07	2.45E-06	2.71E-08	3.18E-07	3.45E-07	2.71E-05	1.36E-05
330	489338.17, 3859671.48	2.47E-03	2.59E-06	1.50E-06	3.56E-07	3.48E-08	3.91E-07	2.47E-03	8.56E-07	2.59E-06	2.86E-08	3.35E-07	3.64E-07	2.39E-05	1.21E-05
331	489388.17, 3859671.48	2.63E-03	2.75E-06	1.59E-06	3.78E-07	3.69E-08	4.15E-07	2.62E-03	9.08E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	2.18E-05	1.11E-05
332	489438.17, 3859671.48	2.79E-03	2.92E-06	1.69E-06	4.01E-07	3.93E-08	4.41E-07	2.78E-03	9.63E-07	2.91E-06	3.22E-08	3.77E-07	4.09E-07	2.04E-05	1.05E-05
333	489488.17, 3859671.48	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	2.97E-03	1.03E-06	3.11E-06	3.44E-08	4.03E-07	4.37E-07	1.93E-05	1.00E-05
334	489538.17, 3859671.48	3.21E-03	3.36E-06	1.94E-06	4.62E-07	4.52E-08	5.07E-07	3.19E-03	1.11E-06	3.34E-06	3.69E-08	4.32E-07	4.69E-07	1.85E-05	9.67E-06
335	489588.17, 3859671.48	3.48E-03	3.64E-06	2.10E-06	5.00E-07	4.89E-08	5.49E-07	3.45E-03	1.19E-06	3.60E-06	3.99E-08	4.67E-07	5.07E-07	1.79E-05	9.43E-06
336	489238.17, 3859721.48	2.05E-03	2.14E-06	1.24E-06	2.95E-07	2.89E-08	3.24E-07	2.06E-03	7.11E-07	2.15E-06	2.38E-08	2.78E-07	3.02E-07	2.88E-05	1.45E-05
337	489288.17, 3859721.48	2.15E-03	2.25E-06	1.30E-06	3.10E-07	3.03E-08	3.40E-07	2.15E-03	7.45E-07	2.25E-06	2.49E-08	2.91E-07	3.16E-07	2.44E-05	1.23E-05
338	489338.17, 3859721.48	2.26E-03	2.36E-06	1.37E-06	3.25E-07	3.18E-08	3.57E-07	2.26E-03	7.81E-07	2.36E-06	2.61E-08	3.05E-07	3.32E-07	2.20E-05	1.11E-05
339	489388.17, 3859721.48	2.38E-03	2.49E-06	1.44E-06	3.42E-07	3.35E-08	3.76E-07	2.37E-03	8.21E-07	2.48E-06	2.74E-08	3.21E-07	3.49E-07	2.04E-05	1.04E-05
340	489438.17, 3859721.48	2.51E-03	2.63E-06	1.52E-06	3.61E-07	3.53E-08	3.97E-07	2.50E-03	8.65E-07	2.61E-06	2.89E-08	3.38E-07	3.67E-07	1.93E-05	9.89E-06
341	489488.17, 3859721.48	2.67E-03	2.79E-06	1.61E-06	3.84E-07	3.75E-08	4.21E-07	2.65E-03	9.17E-07	2.77E-06	3.06E-08	3.59E-07	3.89E-07	1.85E-05	9.51E-06
342	489538.17, 3859721.48	2.84E-03	2.97E-06	1.72E-06	4.08E-07	3.99E-08	4.48E-07	2.82E-03	9.75E-07	2.94E-06	3.26E-08	3.81E-07	4.14E-07	1.78E-05	9.23E-06
343	489588.17, 3859721.48	3.04E-03	3.17E-06	1.84E-06	4.37E-07	4.27E-08	4.79E-07	3.01E-03	1.04E-06	3.14E-06	3.47E-08	4.07E-07	4.42E-07	1.73E-05	9.01E-06
344	489238.17, 3859771.48	1.91E-03	1.99E-06	1.15E-06	2.74E-07	2.68E-08	3.01E-07	1.91E-03	6.60E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	2.23E-05	1.12E-05
345	489288.17, 3859771.48	1.99E-03	2.08E-06	1.21E-06	2.87E-07	2.80E-08	3.15E-07	1.99E-03	6.88E-07	2.08E-06	2.30E-08	2.69E-07	2.92E-07	2.09E-05	1.06E-05
346	489338.17, 3859771.48	2.08E-03	2.18E-06	1.26E-06	2.99E-07	2.93E-08	3.29E-07	2.07E-03	7.17E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	1.98E-05	1.01E-05
347	489388.17, 3859771.48	2.18E-03	2.28E-06	1.32E-06	3.13E-07	3.06E-08	3.44E-07	2.17E-03	7.50E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	1.90E-05	9.66E-06
348	489438.17, 3859771.48	2.29E-03	2.39E-06	1.38E-06	3.29E-07	3.21E-08	3.61E-07	2.27E-03	7.86E-07	2.37E-06	2.62E-08	3.07E-07	3.34E-07	1.82E-05	9.34E-06
349	489488.17, 3859771.48	2.41E-03	2.52E-06	1.46E-06	3.47E-07	3.39E-08	3.81E-07	2.39E-03	8.28E-07	2.50E-06	2.77E-08	3.24E-07	3.52E-07	1.77E-05	9.08E-06
350	489538.17, 3859771.48	2.55E-03	2.66E-06	1.54E-06	3.66E-07	3.58E-08	4.02E-07	2.52E-03	8.73E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	1.72E-05	8.86E-06
351	489588.17, 3859771.48	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.79E-08	4.26E-07	2.67E-03	9.23E-07	2.79E-06	3.08E-08	3.61E-07	3.92E-07	1.67E-05	8.68E-06
352	489238.17, 3859821.48	1.78E-03	1.86E-06	1.08E-06	2.56E-07	2.50E-08	2.81E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	2.00E-05	1.01E-05
353	489288.17, 3859821.48	1.85E-03	1.94E-06	1.12E-06	2.67E-07	2.61E-08	2.93E-07	1.85E-03	6.40E-07	1.93E-06	2.14E-08	2.50E-07	2.72E-07	1.92E-05	9.73E-06
354	489338.17, 3859821.48	1.93E-03	2.02E-06	1.17E-06	2.77E-07	2.71E-08	3.05E-07	1.92E-03	6.64E-07	2.01E-06	2.22E-08	2.60E-07	2.82E-07	1.87E-05	9.48E-06
355	489388.17, 3859821.48	2.01E-03	2.10E-06	1.22E-06	2.89E-07	2.83E-08	3.18E-07	2.00E-03	6.92E-07	2.09E-06	2.31E-08	2.71E-07	2.94E-07	1.82E-05	9.24E-06
356	489438.17, 3859821.48	2.11E-03	2.20E-06	1.27E-06	3.03E-07	2.96E-08	3.32E-07	2.09E-03	7.22E-07	2.18E-06	2.41E-08	2.83E-07	3.07E-07	1.77E-05	9.03E-06
357	489488.17, 3859821.48	2.21E-03	2.30E-06	1.33E-06	3.17E-07	3.10E-08	3.48E-07	2.18E-03	7.56E-07	2.28E-06	2.52E-08	2.96E-07	3.21E-07	1.72E-05	8.83E-06
358	489538.17, 3859821.48	2.31E-03	2.42E-06	1.40E-06	3.32E-07	3.25E-08	3.65E-07	2.29E-03	7.92E-07	2.39E-06	2.64E-08	3.10E-07	3.36E-07	1.68E-05	8.65E-06
359	489588.17, 3859821.48	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.42E-08	3.83E-07	2.40E-03	8.31E-07	2.51E-06	2.77E-08	3.25E-07	3.53E-07	1.64E-05	8.47E-06
360	489238.17, 3859871.48	1.67E-03	1.75E-06	1.01E-06	2.41E-07	2.35E-08	2.64E-07	1.67E-03	5.78E-07	1.75E-06	1.93E-08	2.26E-07	2.45E-07	2.03E-05	1.02E-05
361	489288.17, 3859871.48	1.74E-03	1.81E-06	1.05E-06	2.50E-07	2.44E-08	2.74E-07	1.73E-03	5.98E-07	1.81E-06	2.00E-08	2.34E-07	2.54E-07	1.95E-05	9.83E-06
362	489338.17, 3859871.48	1.80E-03	1.88E-06	1.09E-06	2.59E-07	2.53E-08	2.84E-07	1.79E-03	6.19E-07	1.87E-06	2.07E-08	2.42E-07	2.63E-07	1.89E-05	9.54E-06
363	489388.17, 3859871.48	1.87E-03	1.96E-06	1.13E-06	2.69E-07	2.64E-08	2.96E-07	1.86E-03	6.43E-07	1.94E-06	2.15E-08	2.52E-07	2.73E-07	1.83E-05	9.28E-06
364	489438.17, 3859871.48	1.95E-03	2.04E-06	1.18E-06	2.81E-07	2.75E-08	3.08E-07	1.93E-03	6.69E-07	2.02E-06	2.23E-08	2.62E-07	2.84E-07	1.78E-05	9.05E-06
365	489488.17, 3859871.48	2.03E-03	2.12E-06	1.23E-06	2.92E-07	2.86E-08	3.21E-07	2.01E-03	6.95E-07	2.10E-06	2.32E-08	2.72E-07	2.95E-07	1.73E-05	8.83E-06
366	489538.17, 3859871.48	2.12E-03	2.21E-06	1.28E-06	3.04E-07	2.98E-08	3.34E-07	2.09E-03	7.24E-07	2.19E-06	2.42E-08	2.83E-07	3.07E-07	1.68E-05	8.61E-06
367	489588.17, 3859871.48	2.21E-03	2.31E-06	1.34E-06	3.18E-07	3.11E-08	3.49E-07	2.18E-03	7.55E-07	2.28E-06	2.52E-08	2.96E-07	3.21E-07	1.64E-05	8.41E-06
368	489238.17, 3859921.48	1.58E-03	1.65E-06	9.56E-07	2.27E-07	2.22E-08	2.49E-07	1.58E-03	5.46E-07	1.65E-06	1.82E-08	2.14E-07	2.32E-07	2.29E-05	1.15E-05

369	489288.17, 3859921.48	1.64E-03	1.71E-06	9.90E-07	2.35E-07	2.30E-08	2.58E-07	1.63E-03	5.63E-07	1.70E-06	1.88E-08	2.20E-07	2.39E-07	2.14E-05	1.08E-05
370	489338.17, 3859921.48	1.69E-03	1.77E-06	1.02E-06	2.43E-07	2.38E-08	2.67E-07	1.68E-03	5.82E-07	1.76E-06	1.94E-08	2.28E-07	2.47E-07	2.03E-05	1.02E-05
371	489388.17, 3859921.48	1.75E-03	1.83E-06	1.06E-06	2.52E-07	2.47E-08	2.77E-07	1.74E-03	6.02E-07	1.82E-06	2.01E-08	2.35E-07	2.56E-07	1.93E-05	9.74E-06
372	489438.17, 3859921.48	1.82E-03	1.90E-06	1.10E-06	2.61E-07	2.55E-08	2.87E-07	1.80E-03	6.22E-07	1.88E-06	2.08E-08	2.43E-07	2.64E-07	1.85E-05	9.35E-06
373	489488.17, 3859921.48	1.88E-03	1.97E-06	1.14E-06	2.70E-07	2.64E-08	2.97E-07	1.86E-03	6.43E-07	1.94E-06	2.15E-08	2.52E-07	2.73E-07	1.77E-05	9.01E-06
374	489538.17, 3859921.48	1.95E-03	2.04E-06	1.18E-06	2.81E-07	2.75E-08	3.08E-07	1.93E-03	6.66E-07	2.01E-06	2.23E-08	2.61E-07	2.83E-07	1.71E-05	8.71E-06
375	489588.17, 3859921.48	2.02E-03	2.11E-06	1.22E-06	2.90E-07	2.84E-08	3.19E-07	1.99E-03	6.89E-07	2.08E-06	2.30E-08	2.69E-07	2.92E-07	1.65E-05	8.45E-06
376	489238.17, 3859971.48	1.50E-03	1.57E-06	9.08E-07	2.16E-07	2.11E-08	2.37E-07	1.50E-03	5.18E-07	1.56E-06	1.73E-08	2.03E-07	2.20E-07	2.91E-05	1.45E-05
377	489288.17, 3859971.48	1.55E-03	1.62E-06	9.36E-07	2.23E-07	2.18E-08	2.44E-07	1.54E-03	5.33E-07	1.61E-06	1.78E-08	2.08E-07	2.26E-07	2.49E-05	1.24E-05
378	489338.17, 3859971.48	1.60E-03	1.67E-06	9.67E-07	2.30E-07	2.25E-08	2.52E-07	1.59E-03	5.49E-07	1.66E-06	1.83E-08	2.15E-07	2.33E-07	2.24E-05	1.12E-05
379	489388.17, 3859971.48	1.65E-03	1.72E-06	9.98E-07	2.37E-07	2.32E-08	2.60E-07	1.63E-03	5.65E-07	1.71E-06	1.89E-08	2.21E-07	2.40E-07	2.07E-05	1.04E-05
380	489438.17, 3859971.48	1.69E-03	1.77E-06	1.02E-06	2.43E-07	2.38E-08	2.67E-07	1.67E-03	5.78E-07	1.75E-06	1.93E-08	2.26E-07	2.45E-07	1.94E-05	9.78E-06
381	489488.17, 3859971.48	1.73E-03	1.80E-06	1.04E-06	2.48E-07	2.43E-08	2.72E-07	1.69E-03	5.86E-07	1.77E-06	1.96E-08	2.29E-07	2.49E-07	1.84E-05	9.31E-06
382	489538.17, 3859971.48	1.75E-03	1.83E-06	1.06E-06	2.52E-07	2.47E-08	2.77E-07	1.72E-03	5.94E-07	1.79E-06	1.98E-08	2.33E-07	2.52E-07	1.76E-05	8.91E-06
383	489588.17, 3859971.48	1.79E-03	1.87E-06	1.08E-06	2.57E-07	2.51E-08	2.82E-07	1.75E-03	6.05E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	1.69E-05	8.57E-06
384	483577.7, 3854071	8.90E-03	9.31E-06	5.39E-06	1.28E-06	1.25E-07	1.41E-06	3.63E-03	1.26E-06	3.80E-06	4.20E-08	4.92E-07	5.34E-07	2.83E-05	1.49E-05
385	483627.7, 3854071	8.11E-03	8.48E-06	4.91E-06	1.17E-06	1.14E-07	1.28E-06	3.42E-03	1.18E-06	3.57E-06	3.95E-08	4.63E-07	5.02E-07	2.47E-05	1.31E-05
386	483677.7, 3854071	7.44E-03	7.78E-06	4.50E-06	1.07E-06	1.05E-07	1.17E-06	3.23E-03	1.12E-06	3.37E-06	3.73E-08	4.37E-07	4.74E-07	2.22E-05	1.18E-05
387	483727.7, 3854071	6.88E-03	7.19E-06	4.16E-06	9.89E-07	9.68E-08	1.09E-06	3.05E-03	1.06E-06	3.19E-06	3.53E-08	4.13E-07	4.49E-07	2.04E-05	1.08E-05
388	483777.7, 3854071	6.35E-03	6.63E-06	3.84E-06	9.13E-07	8.92E-08	1.00E-06	2.87E-03	9.93E-07	3.00E-06	3.32E-08	3.89E-07	4.22E-07	1.90E-05	1.01E-05
389	483577.7, 3854121	1.07E-02	1.12E-05	6.50E-06	1.55E-06	1.51E-07	1.70E-06	3.66E-03	1.27E-06	3.83E-06	4.23E-08	4.96E-07	5.38E-07	2.97E-05	1.57E-05
390	483627.7, 3854121	9.57E-03	1.00E-05	5.79E-06	1.38E-06	1.35E-07	1.51E-06	3.42E-03	1.18E-06	3.58E-06	3.96E-08	4.64E-07	5.03E-07	2.60E-05	1.38E-05
391	483677.7, 3854121	8.58E-03	8.97E-06	5.19E-06	1.23E-06	1.21E-07	1.36E-06	3.19E-03	1.11E-06	3.34E-06	3.69E-08	4.33E-07	4.69E-07	2.35E-05	1.25E-05
392	483727.7, 3854121	7.76E-03	8.12E-06	4.70E-06	1.12E-06	1.09E-07	1.23E-06	2.99E-03	1.03E-06	3.12E-06	3.46E-08	4.05E-07	4.39E-07	2.16E-05	1.15E-05
393	483777.7, 3854121	7.12E-03	7.45E-06	4.31E-06	1.02E-06	1.00E-07	1.12E-06	2.83E-03	9.80E-07	2.96E-06	3.27E-08	3.83E-07	4.16E-07	2.02E-05	1.07E-05
394	483577.7, 3854171	1.32E-02	1.38E-05	8.01E-06	1.90E-06	1.86E-07	2.09E-06	3.64E-03	1.26E-06	3.81E-06	4.21E-08	4.93E-07	5.36E-07	3.15E-05	1.69E-05
395	483627.7, 3854171	1.14E-02	1.19E-05	6.92E-06	1.64E-06	1.61E-07	1.80E-06	3.37E-03	1.17E-06	3.52E-06	3.89E-08	4.56E-07	4.95E-07	2.77E-05	1.48E-05
396	483677.7, 3854171	1.01E-02	1.05E-05	6.10E-06	1.45E-06	1.42E-07	1.59E-06	3.15E-03	1.09E-06	3.29E-06	3.64E-08	4.26E-07	4.62E-07	2.51E-05	1.34E-05
397	483727.7, 3854171	9.03E-03	9.44E-06	5.46E-06	1.30E-06	1.27E-07	1.43E-06	2.96E-03	1.03E-06	3.10E-06	3.43E-08	4.01E-07	4.36E-07	2.31E-05	1.23E-05
398	483777.7, 3854171	8.15E-03	8.52E-06	4.93E-06	1.17E-06	1.15E-07	1.29E-06	2.80E-03	9.68E-07	2.92E-06	3.23E-08	3.79E-07	4.11E-07	2.16E-05	1.15E-05
399	483827.7, 3854171	7.34E-03	7.67E-06	4.44E-06	1.06E-06	1.03E-07	1.16E-06	2.62E-03	9.06E-07	2.74E-06	3.03E-08	3.54E-07	3.85E-07	2.04E-05	1.08E-05
400	483877.7, 3854171	6.76E-03	7.06E-06	4.09E-06	9.72E-07	9.50E-08	1.07E-06	2.49E-03	8.63E-07	2.61E-06	2.88E-08	3.38E-07	3.67E-07	1.93E-05	1.02E-05
401	483727.7, 3854221	1.08E-02	1.13E-05	6.55E-06	1.56E-06	1.52E-07	1.71E-06	2.95E-03	1.02E-06	3.09E-06	3.42E-08	4.00E-07	4.34E-07	2.53E-05	1.35E-05
402	483777.7, 3854221	9.58E-03	1.00E-05	5.80E-06	1.38E-06	1.35E-07	1.51E-06	2.78E-03	9.62E-07	2.90E-06	3.21E-08	3.76E-07	4.08E-07	2.35E-05	1.26E-05
403	483827.7, 3854221	8.72E-03	9.11E-06	5.27E-06	1.25E-06	1.23E-07	1.38E-06	2.66E-03	9.22E-07	2.79E-06	3.08E-08	3.61E-07	3.92E-07	2.20E-05	1.17E-05
404	483877.7, 3854221	7.85E-03	8.20E-06	4.75E-06	1.13E-06	1.10E-07	1.24E-06	2.51E-03	8.70E-07	2.63E-06	2.91E-08	3.40E-07	3.70E-07	2.08E-05	1.11E-05
405	489150.19, 3858726.45	8.74E-03	9.14E-06	5.29E-06	1.26E-06	1.23E-07	1.38E-06	7.79E-03	2.70E-06	8.14E-06	9.01E-08	1.05E-06	1.15E-06	2.86E-05	1.56E-05
406	489200.19, 3858726.45	8.03E-03	8.39E-06	4.86E-06	1.15E-06	1.13E-07	1.27E-06	7.29E-03	2.52E-06	7.62E-06	8.43E-08	9.88E-07	1.07E-06	2.78E-05	1.50E-05
407	489150.19, 3858776.45	1.01E-02	1.06E-05	6.14E-06	1.46E-06	1.43E-07	1.60E-06	8.93E-03	3.09E-06	9.33E-06	1.03E-07	1.21E-06	1.31E-06	2.99E-05	1.65E-05
408	489200.19, 3858776.45	9.16E-03	9.58E-06	5.54E-06	1.32E-06	1.29E-07	1.45E-06	8.26E-03	2.86E-06	8.63E-06	9.55E-08	1.12E-06	1.21E-06	2.89E-05	1.58E-05
409	488919.6, 3856400.76	1.84E-03	1.92E-06	1.11E-06	2.65E-07	2.59E-08	2.91E-07	1.36E-03	4.69E-07	1.42E-06	1.57E-08	1.84E-07	1.99E-07	1.22E-05	6.25E-06
410	488919.6, 3856450.76	1.87E-03	1.95E-06	1.13E-06	2.69E-07	2.63E-08	2.95E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.87E-07	2.03E-07	1.24E-05	6.35E-06
411	488969.6, 3856450.76	1.84E-03	1.92E-06	1.11E-06	2.65E-07	2.59E-08	2.91E-07	1.37E-03	4.73E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.23E-05	6.29E-06
412	488919.6, 3856500.76	1.90E-03	1.98E-06	1.15E-06	2.73E-07	2.66E-08	2.99E-07	1.40E-03	4.86E-07	1.47E-06	1.62E-08	1.90E-07	2.06E-07	1.26E-05	6.47E-06
413	488969.6, 3856500.76	1.87E-03	1.95E-06	1.13E-06	2.69E-07	2.63E-08	2.95E-07	1.39E-03	4.82E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	1.25E-05	6.39E-06
414	488919.6, 3856550.76	1.92E-03	2.01E-06	1.16E-06	2.76E-07	2.70E-08	3.04E-07	1.43E-03	4.95E-07	1.49E-06	1.65E-08	1.94E-07	2.10E-07	1.28E-05	6.58E-06
415	488969.6, 3856550.76	1.90E-03	1.98E-06	1.15E-06	2.73E-07	2.66E-08	2.99E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	1.27E-05	6.50E-06
416	488819.6, 3856600.76	2.01E-03	2.10E-06	1.22E-06	2.89E-07	2.83E-08	3.18E-07	1.48E-03	5.13E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	1.34E-05	6.88E-06
417	488869.6, 3856600.76	1.98E-03	2.07E-06	1.20E-06	2.85E-07	2.79E-08	3.13E-07	1.47E-03	5.08E-07	1.53E-06	1.70E-08	1.99E-07	2.16E-07	1.33E-05	6.79E-06
418	488919.6, 3856600.76	1.95E-03	2.04E-06	1.18E-06	2.80E-07	2.74E-08	3.08E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	1.31E-05	6.71E-06
419	488819.6, 3856650.76	2.04E-03	2.14E-06	1.24E-06	2.94E-07	2.87E-08	3.23E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	1.37E-05	7.03E-06
420	488869.6, 3856650.76	2.01E-03	2.10E-06	1.22E-06	2.89E-07	2.83E-08	3.17E-07	1.50E-03	5.18E-07	1.56E-06	1.73E-08	2.03E-07	2.20E-07	1.35E-05	6.93E-06
421	488819.6, 3856700.76	2.08E-03	2.17E-06	1.26E-06	2.99E-07	2.92E-08	3.28E-07	1.54E-03	5.33E-07	1.61E-06	1.78E-08	2.09E-07	2.26E-07	1.40E-05	7.18E-06
422	488869.6, 3856700.76	2.04E-03	2.14E-06	1.24E-06	2.94E-07	2.87E-08	3.23E-07	1.52E-03	5.28E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	1.38E-05	7.07E-06
423	488819.6, 3856750.76	2.11E-03	2.21E-06	1.28E-06	3.04E-07	2.97E-08	3.33E-07	1.57E-03	5.43E-07	1.64E-06	1.81E-08	2.13E-07	2.31E-07	1.43E-05	7.33E-06
424	488869.6, 3856750.76	2.08E-03	2.17E-06	1.26E-06	2.99E-07	2.92E-08	3.28E-07	1.56E-03	5.38E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	1.41E-05	7.22E-06
425	488819.6, 3857050.76	2.36E-03	2.47E-06	1.43E-06	3.40E-07	3.32E-08	3.73E-07	1.78E-03	6.17E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	1.63E-05	8.33E-06
426	488869.6, 3857050.76	2.32E-03	2.42E-06	1.40E-06	3.33E-07	3.26E-08	3.66E-07	1.76E-03	6.11E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	1.59E-05	8.15E-06
427	488919.6, 3857050.76	2.27E-03	2.38E-06	1.38E-06	3.27E-07	3.20E-08	3.59E-07	1.75E-03	6.05E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	1.56E-05	7.98E-06
428	488819.6, 3857100.76	2.42E-03	2.52E-06	1.46E-06	3.47E-07	3.40E-08	3.81E-07	1.82E-03	6.31E-07	1.91E-06	2.11E-08	2.47E-07	2.68E-07	1.66E-05	8.49E-06
429	488869.6, 3857100.76	2.37E-03	2.47E-06	1.43E-06	3.40E-07	3.33E-08	3.74E-07	1.80E-03	6.25E-07	1.89E-06	2.09E-08	2.44E-07	2.65E-07	1.62E-05	8.31E-06
430	488919.6, 3857100.76	2.32E-03	2.42E-06	1.40E-06	3.34E-07	3.26E-08	3.66E-07	1.79E-03	6.19E-07	1.87E-06	2.07E-08	2.42E-07	2.63E-07	1.59E-05	8.13E-06

431	488819.6, 3857150.76	2.47E-03	2.58E-06	1.50E-06	3.55E-07	3.48E-08	3.90E-07	1.87E-03	6.47E-07	1.95E-06	2.16E-08	2.53E-07	2.75E-07	1.69E-05	8.65E-06
432	488869.6, 3857150.76	2.42E-03	2.53E-06	1.46E-06	3.48E-07	3.40E-08	3.82E-07	1.85E-03	6.40E-07	1.93E-06	2.14E-08	2.50E-07	2.72E-07	1.65E-05	8.45E-06
433	488919.6, 3857150.76	2.37E-03	2.48E-06	1.43E-06	3.41E-07	3.33E-08	3.74E-07	1.83E-03	6.33E-07	1.91E-06	2.12E-08	2.48E-07	2.69E-07	1.61E-05	8.27E-06
434	488969.6, 3857150.76	2.32E-03	2.43E-06	1.41E-06	3.34E-07	3.27E-08	3.67E-07	1.81E-03	6.27E-07	1.89E-06	2.09E-08	2.45E-07	2.66E-07	1.58E-05	8.09E-06
435	488819.6, 3857200.76	2.53E-03	2.64E-06	1.53E-06	3.64E-07	3.56E-08	3.99E-07	1.92E-03	6.63E-07	2.00E-06	2.21E-08	2.59E-07	2.82E-07	1.72E-05	8.80E-06
436	488869.6, 3857200.76	2.47E-03	2.59E-06	1.50E-06	3.56E-07	3.48E-08	3.91E-07	1.90E-03	6.56E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	1.68E-05	8.59E-06
437	488919.6, 3857200.76	2.42E-03	2.53E-06	1.47E-06	3.48E-07	3.41E-08	3.82E-07	1.88E-03	6.49E-07	1.96E-06	2.17E-08	2.54E-07	2.76E-07	1.64E-05	8.40E-06
438	488969.6, 3857200.76	2.37E-03	2.48E-06	1.44E-06	3.41E-07	3.34E-08	3.75E-07	1.85E-03	6.42E-07	1.94E-06	2.14E-08	2.51E-07	2.73E-07	1.60E-05	8.22E-06
439	488819.6, 3857250.76	2.59E-03	2.71E-06	1.57E-06	3.73E-07	3.65E-08	4.09E-07	1.97E-03	6.81E-07	2.05E-06	2.27E-08	2.66E-07	2.89E-07	1.75E-05	8.95E-06
440	488869.6, 3857250.76	2.53E-03	2.65E-06	1.53E-06	3.64E-07	3.56E-08	4.00E-07	1.94E-03	6.73E-07	2.03E-06	2.25E-08	2.63E-07	2.86E-07	1.70E-05	8.73E-06
441	488919.6, 3857250.76	2.48E-03	2.59E-06	1.50E-06	3.57E-07	3.49E-08	3.91E-07	1.92E-03	6.65E-07	2.01E-06	2.22E-08	2.60E-07	2.83E-07	1.66E-05	8.53E-06
442	488969.6, 3857250.76	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.41E-08	3.83E-07	1.90E-03	6.58E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	1.63E-05	8.34E-06
443	488819.6, 3857300.76	2.66E-03	2.78E-06	1.61E-06	3.82E-07	3.74E-08	4.19E-07	2.02E-03	6.99E-07	2.11E-06	2.33E-08	2.73E-07	2.97E-07	1.77E-05	9.08E-06
444	488869.6, 3857300.76	2.60E-03	2.71E-06	1.57E-06	3.73E-07	3.65E-08	4.10E-07	2.00E-03	6.91E-07	2.09E-06	2.31E-08	2.70E-07	2.93E-07	1.73E-05	8.85E-06
445	488919.6, 3857300.76	2.54E-03	2.65E-06	1.54E-06	3.65E-07	3.57E-08	4.01E-07	1.97E-03	6.83E-07	2.06E-06	2.28E-08	2.67E-07	2.90E-07	1.69E-05	8.65E-06
446	488819.6, 3857450.76	2.88E-03	3.01E-06	1.75E-06	4.15E-07	4.06E-08	4.55E-07	2.20E-03	7.61E-07	2.30E-06	2.54E-08	2.98E-07	3.23E-07	1.84E-05	9.44E-06
447	488869.6, 3857450.76	2.81E-03	2.94E-06	1.70E-06	4.04E-07	3.95E-08	4.43E-07	2.17E-03	7.51E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	1.79E-05	9.21E-06
448	488919.6, 3857450.76	2.74E-03	2.86E-06	1.66E-06	3.94E-07	3.85E-08	4.33E-07	2.14E-03	7.42E-07	2.24E-06	2.48E-08	2.90E-07	3.15E-07	1.75E-05	8.99E-06
449	488819.6, 3857500.76	2.97E-03	3.11E-06	1.80E-06	4.27E-07	4.18E-08	4.69E-07	2.27E-03	7.84E-07	2.37E-06	2.62E-08	3.07E-07	3.33E-07	1.86E-05	9.57E-06
450	488869.6, 3857500.76	2.89E-03	3.02E-06	1.75E-06	4.16E-07	4.07E-08	4.56E-07	2.24E-03	7.74E-07	2.34E-06	2.59E-08	3.03E-07	3.29E-07	1.81E-05	9.32E-06
451	488919.6, 3857500.76	2.82E-03	2.94E-06	1.70E-06	4.05E-07	3.96E-08	4.45E-07	2.21E-03	7.65E-07	2.31E-06	2.55E-08	2.99E-07	3.25E-07	1.77E-05	9.10E-06
452	488819.6, 3857550.76	3.06E-03	3.20E-06	1.85E-06	4.41E-07	4.31E-08	4.84E-07	2.34E-03	8.10E-07	2.44E-06	2.70E-08	3.17E-07	3.44E-07	1.88E-05	9.69E-06
453	488869.6, 3857550.76	2.98E-03	3.11E-06	1.80E-06	4.28E-07	4.19E-08	4.70E-07	2.31E-03	7.98E-07	2.41E-06	2.67E-08	3.12E-07	3.39E-07	1.84E-05	9.45E-06
454	488919.6, 3857550.76	2.90E-03	3.03E-06	1.75E-06	4.17E-07	4.08E-08	4.58E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	1.79E-05	9.23E-06
455	489663.71, 3860900.05	8.80E-04	9.20E-07	5.32E-07	1.27E-07	1.24E-08	1.39E-07	8.60E-04	2.98E-07	8.99E-07	9.94E-09	1.16E-07	1.26E-07	4.87E-06	2.54E-06
456	489813.71, 3860900.05	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	9.02E-04	3.12E-07	9.43E-07	1.04E-08	1.22E-07	1.33E-07	4.75E-06	2.50E-06
457	489863.71, 3860900.05	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	4.70E-06	2.48E-06
458	489913.71, 3860900.05	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.32E-04	3.23E-07	9.74E-07	1.08E-08	1.26E-07	1.37E-07	4.67E-06	2.46E-06
459	489963.71, 3860900.05	9.70E-04	1.01E-06	5.87E-07	1.39E-07	1.36E-08	1.53E-07	9.48E-04	3.28E-07	9.91E-07	1.10E-08	1.28E-07	1.39E-07	4.62E-06	2.44E-06
460	490013.71, 3860900.05	9.88E-04	1.03E-06	5.98E-07	1.42E-07	1.39E-08	1.56E-07	9.65E-04	3.34E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	4.58E-06	2.43E-06
461	490063.71, 3860900.05	1.01E-03	1.05E-06	6.08E-07	1.45E-07	1.41E-08	1.59E-07	9.82E-04	3.40E-07	1.03E-06	1.14E-08	1.33E-07	1.44E-07	4.54E-06	2.41E-06
462	489663.71, 3860950.05	8.57E-04	8.96E-07	5.19E-07	1.23E-07	1.21E-08	1.35E-07	8.37E-04	2.90E-07	8.74E-07	9.67E-09	1.13E-07	1.23E-07	4.40E-06	2.31E-06
463	489813.71, 3860950.05	8.96E-04	9.37E-07	5.42E-07	1.29E-07	1.26E-08	1.41E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	4.33E-06	2.28E-06
464	489863.71, 3860950.05	9.09E-04	9.50E-07	5.50E-07	1.31E-07	1.28E-08	1.44E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	4.30E-06	2.27E-06
465	489913.71, 3860950.05	9.26E-04	9.67E-07	5.60E-07	1.33E-07	1.30E-08	1.46E-07	9.02E-04	3.12E-07	9.43E-07	1.04E-08	1.22E-07	1.33E-07	4.27E-06	2.26E-06
466	489963.71, 3860950.05	9.40E-04	9.83E-07	5.69E-07	1.35E-07	1.32E-08	1.48E-07	9.18E-04	3.18E-07	9.59E-07	1.06E-08	1.24E-07	1.35E-07	4.24E-06	2.25E-06
467	490013.71, 3860950.05	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	4.22E-06	2.24E-06
468	490063.71, 3860950.05	9.73E-04	1.02E-06	5.89E-07	1.40E-07	1.37E-08	1.54E-07	9.49E-04	3.29E-07	9.92E-07	1.10E-08	1.29E-07	1.40E-07	4.19E-06	2.23E-06
469	489513.71, 3861000.05	8.01E-04	8.38E-07	4.85E-07	1.15E-07	1.13E-08	1.27E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	4.05E-06	2.13E-06
470	489563.71, 3861000.05	8.11E-04	8.48E-07	4.91E-07	1.17E-07	1.14E-08	1.28E-07	7.94E-04	2.75E-07	8.30E-07	9.18E-09	1.08E-07	1.17E-07	4.04E-06	2.13E-06
471	489613.71, 3861000.05	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	4.03E-06	2.12E-06
472	489663.71, 3861000.05	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	4.01E-06	2.12E-06
473	489713.71, 3861000.05	8.47E-04	8.85E-07	5.13E-07	1.22E-07	1.19E-08	1.34E-07	8.27E-04	2.86E-07	8.65E-07	9.56E-09	1.12E-07	1.22E-07	4.00E-06	2.11E-06
474	489763.71, 3861000.05	8.59E-04	8.97E-07	5.20E-07	1.23E-07	1.21E-08	1.36E-07	8.38E-04	2.90E-07	8.76E-07	9.69E-09	1.13E-07	1.23E-07	3.98E-06	2.11E-06
475	489813.71, 3861000.05	8.73E-04	9.13E-07	5.28E-07	1.26E-07	1.23E-08	1.38E-07	8.51E-04	2.94E-07	8.89E-07	9.83E-09	1.15E-07	1.25E-07	3.96E-06	2.10E-06
476	489863.71, 3861000.05	8.85E-04	9.25E-07	5.35E-07	1.27E-07	1.24E-08	1.40E-07	8.63E-04	2.99E-07	9.02E-07	9.98E-09	1.17E-07	1.27E-07	3.95E-06	2.10E-06
477	489913.71, 3861000.05	8.99E-04	9.40E-07	5.44E-07	1.29E-07	1.26E-08	1.42E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	3.93E-06	2.09E-06
478	489963.71, 3861000.05	9.12E-04	9.54E-07	5.52E-07	1.31E-07	1.28E-08	1.44E-07	8.90E-04	3.08E-07	9.30E-07	1.03E-08	1.20E-07	1.31E-07	3.91E-06	2.08E-06
479	490013.71, 3861000.05	9.27E-04	9.69E-07	5.61E-07	1.33E-07	1.30E-08	1.46E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	3.89E-06	2.08E-06
480	490063.71, 3861000.05	9.43E-04	9.86E-07	5.71E-07	1.36E-07	1.33E-08	1.49E-07	9.20E-04	3.18E-07	9.61E-07	1.06E-08	1.25E-07	1.35E-07	3.87E-06	2.07E-06
481	489513.71, 3861050.05	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.68E-04	2.66E-07	8.02E-07	8.87E-09	1.04E-07	1.13E-07	3.71E-06	1.96E-06
482	489563.71, 3861050.05	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	3.70E-06	1.96E-06
483	489613.71, 3861050.05	8.05E-04	8.41E-07	4.87E-07	1.16E-07	1.13E-08	1.27E-07	7.86E-04	2.72E-07	8.22E-07	9.09E-09	1.06E-07	1.16E-07	3.69E-06	1.96E-06
484	489663.71, 3861050.05	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	3.69E-06	1.96E-06
485	489713.71, 3861050.05	8.26E-04	8.63E-07	5.00E-07	1.19E-07	1.16E-08	1.30E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	3.67E-06	1.95E-06
486	489763.71, 3861050.05	8.37E-04	8.75E-07	5.07E-07	1.20E-07	1.18E-08	1.32E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	3.66E-06	1.95E-06
487	489813.71, 3861050.05	8.49E-04	8.87E-07	5.14E-07	1.22E-07	1.19E-08	1.34E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	3.65E-06	1.95E-06
488	489863.71, 3861050.05	8.62E-04	9.01E-07	5.21E-07	1.24E-07	1.21E-08	1.36E-07	8.40E-04	2.91E-07	8.78E-07	9.71E-09	1.14E-07	1.23E-07	3.64E-06	1.94E-06
489	489913.71, 3861050.05	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	8.52E-04	2.95E-07	8.91E-07	9.85E-09	1.15E-07	1.25E-07	3.63E-06	1.94E-06
490	489963.71, 3861050.05	8.88E-04	9.28E-07	5.37E-07	1.28E-07	1.25E-08	1.40E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	3.62E-06	1.94E-06
491	490013.71, 3861050.05	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	3.61E-06	1.93E-06
492	490063.71, 3861050.05	9.16E-04	9.57E-07	5.54E-07	1.32E-07	1.29E-08	1.45E-07	8.93E-04	3.09E-07	9.33E-07	1.03E-08	1.21E-07	1.31E-07	3.59E-06	1.93E-06

493	489513.71, 3861100.05	7.66E-04	8.00E-07	4.63E-07	1.10E-07	1.08E-08	1.21E-07	7.50E-04	2.60E-07	7.84E-07	8.67E-09	1.02E-07	1.10E-07	3.42E-06	1.82E-06
494	489563.71, 3861100.05	7.75E-04	8.10E-07	4.69E-07	1.11E-07	1.09E-08	1.22E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	3.41E-06	1.81E-06
495	489613.71, 3861100.05	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	3.41E-06	1.81E-06
496	489663.71, 3861100.05	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	3.40E-06	1.81E-06
497	489713.71, 3861100.05	8.05E-04	8.41E-07	4.87E-07	1.16E-07	1.13E-08	1.27E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	3.40E-06	1.81E-06
498	489763.71, 3861100.05	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	3.39E-06	1.81E-06
499	489813.71, 3861100.05	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	3.39E-06	1.81E-06
500	489863.71, 3861100.05	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.18E-04	2.83E-07	8.55E-07	9.45E-09	1.11E-07	1.20E-07	3.38E-06	1.81E-06
501	489913.71, 3861100.05	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	3.37E-06	1.81E-06
502	489963.71, 3861100.05	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	3.36E-06	1.81E-06
503	490013.71, 3861100.05	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	3.35E-06	1.80E-06
504	490063.71, 3861100.05	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.68E-04	3.00E-07	9.07E-07	1.00E-08	1.18E-07	1.28E-07	3.35E-06	1.80E-06
505	489713.71, 3861150.05	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	3.16E-06	1.69E-06
506	489763.71, 3861150.05	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	3.16E-06	1.69E-06
507	489813.71, 3861150.05	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.86E-04	2.72E-07	8.22E-07	9.09E-09	1.06E-07	1.16E-07	3.15E-06	1.69E-06
508	489863.71, 3861150.05	8.19E-04	8.56E-07	4.96E-07	1.18E-07	1.15E-08	1.29E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	3.15E-06	1.69E-06
509	489913.71, 3861150.05	8.31E-04	8.68E-07	5.03E-07	1.19E-07	1.17E-08	1.31E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	3.15E-06	1.69E-06
510	489963.71, 3861150.05	8.42E-04	8.80E-07	5.10E-07	1.21E-07	1.18E-08	1.33E-07	8.19E-04	2.84E-07	8.56E-07	9.47E-09	1.11E-07	1.20E-07	3.14E-06	1.69E-06
511	490013.71, 3861150.05	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	8.30E-04	2.87E-07	8.68E-07	9.60E-09	1.12E-07	1.22E-07	3.13E-06	1.69E-06
512	490063.71, 3861150.05	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	8.43E-04	2.92E-07	8.81E-07	9.74E-09	1.14E-07	1.24E-07	3.12E-06	1.69E-06
513	489613.71, 3861200.05	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	2.96E-06	1.59E-06
514	489663.71, 3861200.05	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	2.96E-06	1.59E-06
515	489713.71, 3861200.05	7.67E-04	8.02E-07	4.64E-07	1.10E-07	1.08E-08	1.21E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	2.95E-06	1.59E-06
516	489763.71, 3861200.05	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	2.95E-06	1.59E-06
517	489813.71, 3861200.05	7.88E-04	8.24E-07	4.77E-07	1.13E-07	1.11E-08	1.24E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	2.95E-06	1.59E-06
518	489863.71, 3861200.05	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.77E-04	2.69E-07	8.12E-07	8.98E-09	1.05E-07	1.14E-07	2.95E-06	1.59E-06
519	489913.71, 3861200.05	8.10E-04	8.46E-07	4.90E-07	1.16E-07	1.14E-08	1.28E-07	7.86E-04	2.72E-07	8.22E-07	9.09E-09	1.06E-07	1.16E-07	2.95E-06	1.59E-06
520	489963.71, 3861200.05	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	7.97E-04	2.76E-07	8.33E-07	9.22E-09	1.08E-07	1.17E-07	2.94E-06	1.59E-06
521	490013.71, 3861200.05	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	2.94E-06	1.59E-06
522	490063.71, 3861200.05	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.21E-04	2.84E-07	8.58E-07	9.49E-09	1.11E-07	1.21E-07	2.93E-06	1.59E-06
523	489513.71, 3861250.05	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	2.77E-06	1.49E-06
524	489563.71, 3861250.05	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	2.78E-06	1.49E-06
525	489613.71, 3861250.05	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	2.78E-06	1.50E-06
526	489663.71, 3861250.05	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.22E-04	2.50E-07	7.55E-07	8.35E-09	9.78E-08	1.06E-07	2.78E-06	1.50E-06
527	489713.71, 3861250.05	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	2.78E-06	1.50E-06
528	489763.71, 3861250.05	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	2.78E-06	1.50E-06
529	489813.71, 3861250.05	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	2.78E-06	1.50E-06
530	489863.71, 3861250.05	7.80E-04	8.16E-07	4.72E-07	1.12E-07	1.10E-08	1.23E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	2.77E-06	1.50E-06
531	489913.71, 3861250.05	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.68E-04	2.66E-07	8.02E-07	8.87E-09	1.04E-07	1.13E-07	2.77E-06	1.50E-06
532	489963.71, 3861250.05	8.01E-04	8.38E-07	4.85E-07	1.15E-07	1.13E-08	1.27E-07	7.77E-04	2.69E-07	8.12E-07	8.98E-09	1.05E-07	1.14E-07	2.77E-06	1.51E-06
533	490013.71, 3861250.05	8.11E-04	8.48E-07	4.91E-07	1.17E-07	1.14E-08	1.28E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	2.77E-06	1.51E-06
534	490063.71, 3861250.05	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	7.99E-04	2.77E-07	8.35E-07	9.24E-09	1.08E-07	1.17E-07	2.76E-06	1.51E-06
535	489528.13, 3861308.47	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	6.85E-04	2.37E-07	7.16E-07	7.91E-09	9.27E-08	1.01E-07	2.59E-06	1.40E-06
536	489578.13, 3861308.47	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	2.60E-06	1.40E-06
537	489628.13, 3861308.47	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	2.60E-06	1.41E-06
538	489678.13, 3861308.47	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	2.60E-06	1.41E-06
539	489728.13, 3861308.47	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	2.60E-06	1.41E-06
540	489778.13, 3861308.47	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.22E-04	2.50E-07	7.55E-07	8.35E-09	9.78E-08	1.06E-07	2.60E-06	1.41E-06
541	489678.13, 3861358.47	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	2.46E-06	1.34E-06
542	489728.13, 3861358.47	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	2.47E-06	1.34E-06
543	489528.13, 3861408.47	6.69E-04	6.99E-07	4.05E-07	9.62E-08	9.41E-09	1.06E-07	6.56E-04	2.27E-07	6.86E-07	7.59E-09	8.89E-08	9.65E-08	2.34E-06	1.27E-06
544	489578.13, 3861408.47	6.77E-04	7.08E-07	4.10E-07	9.74E-08	9.53E-09	1.07E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	2.34E-06	1.27E-06
545	489628.13, 3861408.47	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	2.35E-06	1.28E-06
546	489678.13, 3861408.47	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	2.35E-06	1.28E-06
547	489728.13, 3861408.47	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	2.35E-06	1.28E-06
548	489528.13, 3861458.47	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	2.24E-06	1.22E-06
549	489578.13, 3861458.47	6.63E-04	6.93E-07	4.01E-07	9.53E-08	9.32E-09	1.05E-07	6.50E-04	2.25E-07	6.79E-07	7.51E-09	8.80E-08	9.56E-08	2.24E-06	1.22E-06
550	489628.13, 3861458.47	6.71E-04	7.01E-07	4.06E-07	9.65E-08	9.43E-09	1.06E-07	6.56E-04	2.27E-07	6.86E-07	7.59E-09	8.89E-08	9.65E-08	2.24E-06	1.23E-06
551	489678.13, 3861458.47	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	2.24E-06	1.23E-06
552	489728.13, 3861458.47	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	2.25E-06	1.23E-06
553	489528.13, 3861508.47	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	2.15E-06	1.17E-06
554	489578.13, 3861508.47	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	2.15E-06	1.18E-06

555	489628.13, 3861508.47	6.58E-04	6.88E-07	3.98E-07	9.46E-08	9.25E-09	1.04E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	2.15E-06	1.18E-06
556	489678.13, 3861508.47	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	2.15E-06	1.18E-06
557	489728.13, 3861508.47	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	2.15E-06	1.18E-06
558	489628.13, 3861558.47	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	2.07E-06	1.13E-06
559	489678.13, 3861558.47	6.51E-04	6.81E-07	3.94E-07	9.37E-08	9.16E-09	1.03E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	2.07E-06	1.14E-06
560	489728.13, 3861558.47	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	2.07E-06	1.14E-06
561	489357.08, 3861015.81	7.64E-04	7.98E-07	4.62E-07	1.10E-07	1.07E-08	1.21E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	4.00E-06	2.10E-06
562	489407.08, 3861015.81	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.60E-04	2.63E-07	7.94E-07	8.78E-09	1.03E-07	1.12E-07	3.97E-06	2.09E-06
563	489457.08, 3861015.81	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.68E-04	2.66E-07	8.02E-07	8.87E-09	1.04E-07	1.13E-07	3.95E-06	2.08E-06
564	489357.08, 3861065.81	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.36E-04	2.55E-07	7.70E-07	8.51E-09	9.97E-08	1.08E-07	3.66E-06	1.93E-06
565	489407.08, 3861065.81	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	3.63E-06	1.92E-06
566	489457.08, 3861065.81	7.66E-04	8.00E-07	4.63E-07	1.10E-07	1.08E-08	1.21E-07	7.50E-04	2.60E-07	7.84E-07	8.67E-09	1.02E-07	1.10E-07	3.62E-06	1.91E-06
567	489357.08, 3861115.81	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	3.37E-06	1.79E-06
568	489407.08, 3861115.81	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	3.35E-06	1.78E-06
569	489457.08, 3861115.81	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	3.34E-06	1.78E-06
570	489407.08, 3861165.81	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.11E-04	2.46E-07	7.43E-07	8.22E-09	9.63E-08	1.05E-07	3.11E-06	1.66E-06
571	489457.08, 3861165.81	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	7.19E-04	2.49E-07	7.52E-07	8.31E-09	9.74E-08	1.06E-07	3.10E-06	1.66E-06
572	489407.08, 3861215.81	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	2.91E-06	1.55E-06
573	489457.08, 3861215.81	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	7.02E-04	2.43E-07	7.34E-07	8.11E-09	9.50E-08	1.03E-07	2.90E-06	1.55E-06
574	489407.08, 3861265.81	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	2.73E-06	1.47E-06
575	489457.08, 3861265.81	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	2.72E-06	1.46E-06
576	489309.86, 3861110.14	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	3.46E-06	1.83E-06
577	489407.08, 3861315.81	6.77E-04	7.08E-07	4.10E-07	9.74E-08	9.53E-09	1.07E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	2.59E-06	1.39E-06
578	489457.08, 3861315.81	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.72E-04	2.33E-07	7.02E-07	7.77E-09	9.10E-08	9.88E-08	2.58E-06	1.39E-06
579	488906.03, 3861006.75	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.94E-04	2.40E-07	7.25E-07	8.02E-09	9.40E-08	1.02E-07	3.67E-06	1.92E-06
580	488956.03, 3861006.75	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	3.70E-06	1.94E-06
581	488904.24, 3861051.87	6.84E-04	7.15E-07	4.14E-07	9.83E-08	9.62E-09	1.08E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	3.35E-06	1.77E-06
582	488954.24, 3861051.87	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	3.37E-06	1.78E-06
583	489004.24, 3861051.87	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	3.41E-06	1.80E-06
584	488804.24, 3861101.87	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	3.00E-06	1.59E-06
585	488854.24, 3861101.87	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	6.64E-04	2.30E-07	6.94E-07	7.68E-09	8.99E-08	9.76E-08	3.03E-06	1.61E-06
586	488904.24, 3861101.87	6.69E-04	6.99E-07	4.05E-07	9.62E-08	9.41E-09	1.06E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	3.04E-06	1.61E-06
587	488954.24, 3861101.87	6.76E-04	7.06E-07	4.09E-07	9.72E-08	9.50E-09	1.07E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	3.06E-06	1.63E-06
588	489004.24, 3861101.87	6.82E-04	7.13E-07	4.13E-07	9.81E-08	9.59E-09	1.08E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	3.10E-06	1.64E-06
589	488804.24, 3861151.87	6.41E-04	6.70E-07	3.88E-07	9.22E-08	9.02E-09	1.01E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	2.75E-06	1.47E-06
590	488854.24, 3861151.87	6.48E-04	6.77E-07	3.92E-07	9.32E-08	9.11E-09	1.02E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	2.77E-06	1.48E-06
591	489129.49, 3861187.55	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	2.89E-06	1.54E-06
592	489179.49, 3861187.55	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	3.21E-06	1.70E-06
593	488804.24, 3861201.87	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	2.56E-06	1.37E-06
594	488854.24, 3861201.87	6.35E-04	6.64E-07	3.84E-07	9.13E-08	8.93E-09	1.00E-07	6.36E-04	2.20E-07	6.65E-07	7.35E-09	8.61E-08	9.35E-08	2.58E-06	1.38E-06
595	489129.49, 3861237.55	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	6.56E-04	2.27E-07	6.86E-07	7.59E-09	8.89E-08	9.65E-08	2.71E-06	1.45E-06
596	489179.49, 3861237.55	6.68E-04	6.98E-07	4.04E-07	9.60E-08	9.39E-09	1.05E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	3.04E-06	1.61E-06
597	488804.24, 3861251.87	6.19E-04	6.47E-07	3.74E-07	8.90E-08	8.70E-09	9.77E-08	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	2.40E-06	1.29E-06
598	488854.24, 3861251.87	6.24E-04	6.52E-07	3.77E-07	8.97E-08	8.77E-09	9.84E-08	6.23E-04	2.16E-07	6.52E-07	7.21E-09	8.44E-08	9.16E-08	2.42E-06	1.30E-06
599	488804.24, 3861301.87	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	2.26E-06	1.22E-06
600	488854.24, 3861301.87	6.12E-04	6.40E-07	3.70E-07	8.80E-08	8.61E-09	9.66E-08	6.13E-04	2.12E-07	6.40E-07	7.08E-09	8.29E-08	9.00E-08	2.28E-06	1.23E-06
601	490943.5, 3860181.97	5.09E-03	5.32E-06	3.08E-06	7.33E-07	7.16E-08	8.04E-07	4.91E-03	1.70E-06	5.13E-06	5.67E-08	6.64E-07	7.21E-07	1.04E-05	6.04E-06
602	490993.5, 3860181.97	5.77E-03	6.03E-06	3.49E-06	8.29E-07	8.11E-08	9.10E-07	5.53E-03	1.91E-06	5.78E-06	6.39E-08	7.49E-07	8.13E-07	1.08E-05	6.39E-06
603	491043.5, 3860181.97	6.69E-03	7.00E-06	4.05E-06	9.63E-07	9.41E-08	1.06E-06	6.39E-03	2.21E-06	6.68E-06	7.38E-08	8.65E-07	9.39E-07	1.15E-05	6.88E-06
604	491093.5, 3860181.97	8.03E-03	8.39E-06	4.86E-06	1.15E-06	1.13E-07	1.27E-06	7.61E-03	2.63E-06	7.95E-06	8.79E-08	1.03E-06	1.12E-06	1.25E-05	7.63E-06
605	490943.5, 3860231.97	4.29E-03	4.48E-06	2.59E-06	6.17E-07	6.03E-08	6.77E-07	4.14E-03	1.43E-06	4.33E-06	4.79E-08	5.61E-07	6.09E-07	9.47E-06	5.45E-06
606	490993.5, 3860231.97	4.78E-03	5.00E-06	2.89E-06	6.87E-07	6.72E-08	7.55E-07	4.60E-03	1.59E-06	4.81E-06	5.32E-08	6.23E-07	6.76E-07	9.76E-06	5.69E-06
607	491043.5, 3860231.97	5.38E-03	5.63E-06	3.26E-06	7.74E-07	7.57E-08	8.50E-07	5.16E-03	1.79E-06	5.40E-06	5.97E-08	6.99E-07	7.59E-07	1.02E-05	6.00E-06
608	491093.5, 3860231.97	6.20E-03	6.48E-06	3.75E-06	8.92E-07	8.72E-08	9.79E-07	5.93E-03	2.05E-06	6.19E-06	6.85E-08	8.03E-07	8.71E-07	1.08E-05	6.45E-06
609	490943.5, 3860281.97	3.71E-03	3.88E-06	2.25E-06	5.34E-07	5.22E-08	5.86E-07	3.60E-03	1.24E-06	3.76E-06	4.16E-08	4.87E-07	5.28E-07	8.76E-06	4.99E-06
610	490993.5, 3860281.97	4.07E-03	4.26E-06	2.46E-06	5.86E-07	5.73E-08	6.43E-07	3.94E-03	1.36E-06	4.11E-06	4.55E-08	5.33E-07	5.78E-07	8.93E-06	5.15E-06
611	491043.5, 3860281.97	4.51E-03	4.71E-06	2.73E-06	6.48E-07	6.34E-08	7.11E-07	4.34E-03	1.50E-06	4.54E-06	5.02E-08	5.88E-07	6.38E-07	9.18E-06	5.35E-06
612	491093.5, 3860281.97	5.06E-03	5.29E-06	3.06E-06	7.28E-07	7.12E-08	7.99E-07	4.87E-03	1.69E-06	5.09E-06	5.63E-08	6.60E-07	7.16E-07	9.55E-06	5.64E-06
613	490943.5, 3860331.97	3.28E-03	3.43E-06	1.98E-06	4.72E-07	4.61E-08	5.18E-07	3.18E-03	1.10E-06	3.33E-06	3.68E-08	4.31E-07	4.68E-07	8.14E-06	4.61E-06
614	490993.5, 3860331.97	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	3.43E-03	1.19E-06	3.59E-06	3.97E-08	4.65E-07	5.05E-07	8.23E-06	4.71E-06
615	491043.5, 3860331.97	3.86E-03	4.04E-06	2.34E-06	5.56E-07	5.43E-08	6.10E-07	3.74E-03	1.29E-06	3.91E-06	4.32E-08	5.07E-07	5.50E-07	8.39E-06	4.84E-06
616	491093.5, 3860331.97	4.27E-03	4.46E-06	2.58E-06	6.13E-07	6.00E-08	6.73E-07	4.13E-03	1.43E-06	4.31E-06	4.77E-08	5.59E-07	6.06E-07	8.60E-06	5.03E-06

617	490086.72, 3859935.12	3.23E-03	3.37E-06	1.95E-06	4.64E-07	4.54E-08	5.10E-07	3.16E-03	1.09E-06	3.30E-06	3.65E-08	4.28E-07	4.64E-07	1.30E-05	6.98E-06
618	490136.72, 3859935.12	3.44E-03	3.59E-06	2.08E-06	4.94E-07	4.83E-08	5.42E-07	3.36E-03	1.16E-06	3.51E-06	3.88E-08	4.55E-07	4.94E-07	1.29E-05	6.94E-06
619	490186.72, 3859935.12	3.67E-03	3.84E-06	2.22E-06	5.28E-07	5.16E-08	5.80E-07	3.59E-03	1.24E-06	3.75E-06	4.15E-08	4.86E-07	5.27E-07	1.28E-05	6.93E-06
620	490236.72, 3859935.12	3.94E-03	4.12E-06	2.38E-06	5.66E-07	5.54E-08	6.22E-07	3.85E-03	1.33E-06	4.02E-06	4.45E-08	5.21E-07	5.66E-07	1.27E-05	6.95E-06
621	490286.72, 3859935.12	4.24E-03	4.43E-06	2.57E-06	6.10E-07	5.97E-08	6.70E-07	4.15E-03	1.44E-06	4.34E-06	4.79E-08	5.62E-07	6.10E-07	1.26E-05	6.99E-06
622	490336.72, 3859935.12	4.60E-03	4.80E-06	2.78E-06	6.61E-07	6.46E-08	7.26E-07	4.49E-03	1.56E-06	4.70E-06	5.20E-08	6.09E-07	6.61E-07	1.27E-05	7.07E-06
623	490386.72, 3859935.12	5.02E-03	5.25E-06	3.04E-06	7.22E-07	7.07E-08	7.93E-07	4.91E-03	1.70E-06	5.14E-06	5.68E-08	6.65E-07	7.22E-07	1.27E-05	7.19E-06
624	490436.72, 3859935.12	5.54E-03	5.79E-06	3.35E-06	7.96E-07	7.79E-08	8.74E-07	5.42E-03	1.87E-06	5.66E-06	6.26E-08	7.33E-07	7.96E-07	1.29E-05	7.36E-06
625	490486.72, 3859935.12	6.17E-03	6.45E-06	3.73E-06	8.87E-07	8.68E-08	9.74E-07	6.04E-03	2.09E-06	6.31E-06	6.98E-08	8.18E-07	8.88E-07	1.31E-05	7.61E-06
626	490536.72, 3859935.12	7.03E-03	7.35E-06	4.25E-06	1.01E-06	9.88E-08	1.11E-06	6.89E-03	2.39E-06	7.20E-06	7.97E-08	9.33E-07	1.01E-06	1.35E-05	7.98E-06
627	490586.72, 3859935.12	8.17E-03	8.54E-06	4.94E-06	1.17E-06	1.15E-07	1.29E-06	8.03E-03	2.78E-06	8.39E-06	9.28E-08	1.09E-06	1.18E-06	1.41E-05	8.50E-06
628	490636.72, 3859935.12	9.63E-03	1.01E-05	5.82E-06	1.38E-06	1.35E-07	1.52E-06	9.51E-03	3.29E-06	9.94E-06	1.10E-07	1.29E-06	1.40E-06	1.49E-05	9.19E-06
629	490686.72, 3859935.12	1.18E-02	1.24E-05	7.17E-06	1.70E-06	1.67E-07	1.87E-06	1.18E-02	4.08E-06	1.23E-05	1.36E-07	1.60E-06	1.73E-06	1.63E-05	1.03E-05
630	490736.72, 3859935.12	1.50E-02	1.57E-05	9.08E-06	2.16E-06	2.11E-07	2.37E-06	1.51E-02	5.22E-06	1.58E-05	1.74E-07	2.04E-06	2.22E-06	1.83E-05	1.19E-05
631	490086.72, 3859985.12	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	2.77E-03	9.60E-07	2.90E-06	3.21E-08	3.76E-07	4.08E-07	1.26E-05	6.71E-06
632	490136.72, 3859985.12	2.99E-03	3.12E-06	1.81E-06	4.29E-07	4.20E-08	4.71E-07	2.92E-03	1.01E-06	3.05E-06	3.38E-08	3.96E-07	4.29E-07	1.24E-05	6.64E-06
633	490186.72, 3859985.12	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.09E-03	1.07E-06	3.23E-06	3.57E-08	4.19E-07	4.54E-07	1.23E-05	6.60E-06
634	490236.72, 3859985.12	3.36E-03	3.51E-06	2.03E-06	4.83E-07	4.72E-08	5.30E-07	3.28E-03	1.14E-06	3.43E-06	3.80E-08	4.45E-07	4.83E-07	1.21E-05	6.58E-06
635	490286.72, 3859985.12	3.57E-03	3.73E-06	2.16E-06	5.14E-07	5.02E-08	5.64E-07	3.49E-03	1.21E-06	3.65E-06	4.04E-08	4.73E-07	5.13E-07	1.20E-05	6.57E-06
636	490336.72, 3859985.12	3.81E-03	3.99E-06	2.31E-06	5.48E-07	5.36E-08	6.02E-07	3.73E-03	1.29E-06	3.90E-06	4.31E-08	5.05E-07	5.48E-07	1.20E-05	6.59E-06
637	490386.72, 3859985.12	4.08E-03	4.27E-06	2.47E-06	5.87E-07	5.74E-08	6.44E-07	3.99E-03	1.38E-06	4.18E-06	4.62E-08	5.41E-07	5.87E-07	1.19E-05	6.62E-06
638	490436.72, 3859985.12	4.40E-03	4.60E-06	2.66E-06	6.33E-07	6.19E-08	6.95E-07	4.31E-03	1.49E-06	4.51E-06	4.98E-08	5.84E-07	6.34E-07	1.20E-05	6.70E-06
639	490486.72, 3859985.12	4.79E-03	5.01E-06	2.90E-06	6.89E-07	6.74E-08	7.56E-07	4.69E-03	1.62E-06	4.90E-06	5.42E-08	6.35E-07	6.90E-07	1.21E-05	6.82E-06
640	490536.72, 3859985.12	5.28E-03	5.51E-06	3.19E-06	7.59E-07	7.42E-08	8.33E-07	5.17E-03	1.79E-06	5.40E-06	5.97E-08	7.00E-07	7.60E-07	1.22E-05	7.00E-06
641	490586.72, 3859985.12	5.88E-03	6.15E-06	3.56E-06	8.46E-07	8.27E-08	9.28E-07	5.77E-03	2.00E-06	6.03E-06	6.67E-08	7.81E-07	8.48E-07	1.25E-05	7.25E-06
642	490636.72, 3859985.12	6.65E-03	6.95E-06	4.02E-06	9.56E-07	9.35E-08	1.05E-06	6.53E-03	2.26E-06	6.83E-06	7.55E-08	8.85E-07	9.60E-07	1.29E-05	7.60E-06
643	490686.72, 3859985.12	7.68E-03	8.02E-06	4.64E-06	1.10E-06	1.08E-07	1.21E-06	7.56E-03	2.62E-06	7.91E-06	8.74E-08	1.02E-06	1.11E-06	1.35E-05	8.12E-06
644	490736.72, 3859985.12	8.94E-03	9.34E-06	5.41E-06	1.29E-06	1.26E-07	1.41E-06	8.85E-03	3.06E-06	9.25E-06	1.02E-07	1.20E-06	1.30E-06	1.44E-05	8.78E-06
645	490786.72, 3859985.12	1.07E-02	1.12E-05	6.46E-06	1.54E-06	1.50E-07	1.69E-06	1.07E-02	3.69E-06	1.11E-05	1.23E-07	1.44E-06	1.57E-06	1.57E-05	9.79E-06
646	490086.72, 3860035.12	2.53E-03	2.65E-06	1.53E-06	3.64E-07	3.56E-08	4.00E-07	2.48E-03	8.58E-07	2.59E-06	2.87E-08	3.36E-07	3.64E-07	1.23E-05	6.48E-06
647	490136.72, 3860035.12	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.73E-08	4.18E-07	2.60E-03	8.99E-07	2.71E-06	3.00E-08	3.52E-07	3.82E-07	1.21E-05	6.39E-06
648	490186.72, 3860035.12	2.78E-03	2.91E-06	1.68E-06	4.00E-07	3.91E-08	4.39E-07	2.72E-03	9.43E-07	2.85E-06	3.15E-08	3.69E-07	4.00E-07	1.19E-05	6.32E-06
649	490236.72, 3860035.12	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.62E-07	2.87E-03	9.92E-07	3.00E-06	3.31E-08	3.88E-07	4.21E-07	1.17E-05	6.27E-06
650	490286.72, 3860035.12	3.09E-03	3.23E-06	1.87E-06	4.44E-07	4.34E-08	4.87E-07	3.02E-03	1.05E-06	3.16E-06	3.49E-08	4.09E-07	4.44E-07	1.15E-05	6.23E-06
651	490336.72, 3860035.12	3.27E-03	3.42E-06	1.98E-06	4.70E-07	4.60E-08	5.16E-07	3.20E-03	1.11E-06	3.35E-06	3.70E-08	4.33E-07	4.70E-07	1.14E-05	6.22E-06
652	490386.72, 3860035.12	3.46E-03	3.62E-06	2.09E-06	4.97E-07	4.86E-08	5.46E-07	3.39E-03	1.17E-06	3.54E-06	3.91E-08	4.59E-07	4.98E-07	1.14E-05	6.21E-06
653	490436.72, 3860035.12	3.68E-03	3.85E-06	2.23E-06	5.29E-07	5.18E-08	5.81E-07	3.61E-03	1.25E-06	3.77E-06	4.17E-08	4.88E-07	5.30E-07	1.13E-05	6.23E-06
654	490486.72, 3860035.12	3.94E-03	4.12E-06	2.38E-06	5.67E-07	5.54E-08	6.22E-07	3.86E-03	1.34E-06	4.04E-06	4.46E-08	5.23E-07	5.68E-07	1.13E-05	6.28E-06
655	490536.72, 3860035.12	4.26E-03	4.45E-06	2.57E-06	6.12E-07	5.98E-08	6.72E-07	4.17E-03	1.44E-06	4.36E-06	4.82E-08	5.65E-07	6.13E-07	1.14E-05	6.38E-06
656	490586.72, 3860035.12	4.63E-03	4.84E-06	2.80E-06	6.65E-07	6.51E-08	7.30E-07	4.53E-03	1.57E-06	4.74E-06	5.24E-08	6.14E-07	6.66E-07	1.15E-05	6.50E-06
657	490636.72, 3860035.12	5.05E-03	5.28E-06	3.06E-06	7.27E-07	7.11E-08	7.98E-07	4.95E-03	1.71E-06	5.17E-06	5.72E-08	6.70E-07	7.28E-07	1.17E-05	6.68E-06
658	490686.72, 3860035.12	5.62E-03	5.87E-06	3.40E-06	8.07E-07	7.90E-08	8.86E-07	5.50E-03	1.90E-06	5.75E-06	6.36E-08	7.45E-07	8.09E-07	1.20E-05	6.93E-06
659	490736.72, 3860035.12	6.36E-03	6.65E-06	3.85E-06	9.15E-07	8.95E-08	1.00E-06	6.24E-03	2.16E-06	6.52E-06	7.21E-08	8.45E-07	9.17E-07	1.24E-05	7.31E-06
660	490786.72, 3860035.12	7.23E-03	7.56E-06	4.38E-06	1.04E-06	1.02E-07	1.14E-06	7.09E-03	2.46E-06	7.42E-06	8.20E-08	9.61E-07	1.04E-06	1.30E-05	7.78E-06
661	490836.72, 3860035.12	8.40E-03	8.78E-06	5.08E-06	1.21E-06	1.18E-07	1.33E-06	8.23E-03	2.85E-06	8.60E-06	9.51E-08	1.11E-06	1.21E-06	1.39E-05	8.42E-06
662	490086.72, 3860085.12	2.30E-03	2.40E-06	1.39E-06	3.31E-07	3.23E-08	3.63E-07	2.25E-03	7.80E-07	2.36E-06	2.61E-08	3.05E-07	3.31E-07	1.20E-05	6.29E-06
663	490136.72, 3860085.12	2.39E-03	2.50E-06	1.44E-06	3.43E-07	3.36E-08	3.77E-07	2.34E-03	8.10E-07	2.45E-06	2.71E-08	3.17E-07	3.44E-07	1.17E-05	6.17E-06
664	490186.72, 3860085.12	2.50E-03	2.61E-06	1.51E-06	3.59E-07	3.51E-08	3.94E-07	2.45E-03	8.47E-07	2.56E-06	2.83E-08	3.31E-07	3.60E-07	1.15E-05	6.09E-06
665	490236.72, 3860085.12	2.61E-03	2.73E-06	1.58E-06	3.76E-07	3.67E-08	4.13E-07	2.56E-03	8.85E-07	2.67E-06	2.96E-08	3.46E-07	3.76E-07	1.13E-05	6.01E-06
666	490286.72, 3860085.12	2.74E-03	2.86E-06	1.66E-06	3.93E-07	3.85E-08	4.32E-07	2.68E-03	9.27E-07	2.80E-06	3.09E-08	3.63E-07	3.93E-07	1.11E-05	5.95E-06
667	490336.72, 3860085.12	2.87E-03	3.00E-06	1.74E-06	4.12E-07	4.03E-08	4.53E-07	2.81E-03	9.72E-07	2.93E-06	3.24E-08	3.80E-07	4.13E-07	1.10E-05	5.91E-06
668	490386.72, 3860085.12	3.01E-03	3.15E-06	1.82E-06	4.34E-07	4.24E-08	4.76E-07	2.95E-03	1.02E-06	3.09E-06	3.41E-08	4.00E-07	4.34E-07	1.09E-05	5.88E-06
669	490436.72, 3860085.12	3.18E-03	3.32E-06	1.92E-06	4.57E-07	4.47E-08	5.02E-07	3.11E-03	1.08E-06	3.26E-06	3.60E-08	4.22E-07	4.58E-07	1.08E-05	5.87E-06
670	490486.72, 3860085.12	3.36E-03	3.52E-06	2.04E-06	4.84E-07	4.73E-08	5.31E-07	3.29E-03	1.14E-06	3.44E-06	3.81E-08	4.46E-07	4.84E-07	1.07E-05	5.88E-06
671	490536.72, 3860085.12	3.59E-03	3.75E-06	2.17E-06	5.16E-07	5.04E-08	5.66E-07	3.51E-03	1.22E-06	3.67E-06	4.06E-08	4.76E-07	5.16E-07	1.07E-05	5.92E-06
672	490586.72, 3860085.12	3.84E-03	4.02E-06	2.33E-06	5.53E-07	5.41E-08	6.07E-07	3.76E-03	1.30E-06	3.93E-06	4.35E-08	5.10E-07	5.53E-07	1.07E-05	5.98E-06
673	490636.72, 3860085.12	4.14E-03	4.32E-06	2.50E-06	5.95E-07	5.82E-08	6.53E-07	4.05E-03	1.40E-06	4.23E-06	4.68E-08	5.48E-07	5.95E-07	1.08E-05	6.08E-06
674	490686.72, 3860085.12	4.50E-03	4.71E-06	2.72E-06	6.47E-07	6.33E-08	7.11E-07	4.40E-03	1.52E-06	4.60E-06	5.08E-08	5.96E-07	6.47E-07	1.10E-05	6.22E-06
675	490736.72, 3860085.12	4.95E-03	5.17E-06	3.00E-06	7.12E-07	6.96E-08	7.82E-07	4.83E-03	1.67E-06	5.05E-06	5.58E-08	6.54E-07	7.10E-07	1.12E-05	6.42E-06
676	490786.72, 3860085.12	5.51E-03	5.75E-06	3.33E-06	7.92E-07	7.74E-08	8.69E-07	5.36E-03	1.86E-06	5.60E-06	6.20E-08	7.26E-07	7.88E-07	1.15E-05	6.69E-06
677	490836.72, 3860085.12	6.17E-03	6.45E-06	3.74E-06	8.88E-07	8.68E-08	9.75E-07	6.00E-03	2.08E-06	6.27E-06	6.93E-08	8.12E-07	8.81E-07	1.19E-05	7.02E-06
678	490086.72, 3860135.12	2.09E-03	2.19E-06	1.27E-06	3.01E-07	2.94E-08	3.30E-07	2.05E-03	7.11E-07	2.15E-06	2.37E-08	2.78E-07	3.02E-07	1.16E-05	6.07E-06

679	490136.72, 3860135.12	2.17E-03	2.27E-06	1.32E-06	3.13E-07	3.06E-08	3.43E-07	2.13E-03	7.38E-07	2.23E-06	2.46E-08	2.89E-07	3.13E-07	1.14E-05	5.96E-06
680	490186.72, 3860135.12	2.27E-03	2.37E-06	1.37E-06	3.26E-07	3.19E-08	3.58E-07	2.22E-03	7.68E-07	2.32E-06	2.57E-08	3.01E-07	3.26E-07	1.11E-05	5.86E-06
681	490236.72, 3860135.12	2.36E-03	2.47E-06	1.43E-06	3.39E-07	3.32E-08	3.72E-07	2.31E-03	7.99E-07	2.41E-06	2.67E-08	3.13E-07	3.39E-07	1.09E-05	5.77E-06
682	490286.72, 3860135.12	2.46E-03	2.57E-06	1.49E-06	3.54E-07	3.46E-08	3.89E-07	2.41E-03	8.33E-07	2.52E-06	2.78E-08	3.26E-07	3.54E-07	1.07E-05	5.70E-06
683	490336.72, 3860135.12	2.57E-03	2.69E-06	1.55E-06	3.69E-07	3.61E-08	4.06E-07	2.51E-03	8.70E-07	2.63E-06	2.90E-08	3.40E-07	3.69E-07	1.05E-05	5.64E-06
684	490386.72, 3860135.12	2.69E-03	2.81E-06	1.63E-06	3.86E-07	3.78E-08	4.24E-07	2.63E-03	9.09E-07	2.75E-06	3.04E-08	3.56E-07	3.86E-07	1.04E-05	5.60E-06
685	490436.72, 3860135.12	2.81E-03	2.94E-06	1.70E-06	4.04E-07	3.96E-08	4.44E-07	2.75E-03	9.52E-07	2.88E-06	3.18E-08	3.73E-07	4.04E-07	1.03E-05	5.56E-06
686	490486.72, 3860135.12	2.96E-03	3.09E-06	1.79E-06	4.25E-07	4.16E-08	4.67E-07	2.89E-03	1.00E-06	3.02E-06	3.34E-08	3.92E-07	4.25E-07	1.02E-05	5.55E-06
687	490536.72, 3860135.12	3.12E-03	3.27E-06	1.89E-06	4.49E-07	4.39E-08	4.93E-07	3.06E-03	1.06E-06	3.19E-06	3.53E-08	4.14E-07	4.49E-07	1.01E-05	5.56E-06
688	490586.72, 3860135.12	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.66E-08	5.23E-07	3.24E-03	1.12E-06	3.39E-06	3.74E-08	4.39E-07	4.76E-07	1.01E-05	5.58E-06
689	490636.72, 3860135.12	3.53E-03	3.69E-06	2.14E-06	5.07E-07	4.96E-08	5.57E-07	3.45E-03	1.19E-06	3.61E-06	3.99E-08	4.67E-07	5.07E-07	1.01E-05	5.63E-06
690	490686.72, 3860135.12	3.78E-03	3.95E-06	2.29E-06	5.44E-07	5.32E-08	5.97E-07	3.69E-03	1.28E-06	3.86E-06	4.27E-08	5.00E-07	5.43E-07	1.02E-05	5.71E-06
691	490736.72, 3860135.12	4.09E-03	4.27E-06	2.47E-06	5.88E-07	5.75E-08	6.45E-07	3.98E-03	1.38E-06	4.16E-06	4.60E-08	5.39E-07	5.85E-07	1.03E-05	5.82E-06
692	490786.72, 3860135.12	4.46E-03	4.67E-06	2.70E-06	6.42E-07	6.28E-08	7.05E-07	4.34E-03	1.50E-06	4.54E-06	5.02E-08	5.88E-07	6.38E-07	1.05E-05	5.98E-06
693	490836.72, 3860135.12	4.91E-03	5.13E-06	2.97E-06	7.06E-07	6.90E-08	7.75E-07	4.76E-03	1.65E-06	4.97E-06	5.50E-08	6.44E-07	6.99E-07	1.07E-05	6.18E-06
694	490086.72, 3860185.12	1.93E-03	2.01E-06	1.17E-06	2.77E-07	2.71E-08	3.04E-07	1.89E-03	6.56E-07	1.98E-06	2.19E-08	2.56E-07	2.78E-07	1.13E-05	5.87E-06
695	490136.72, 3860185.12	2.00E-03	2.09E-06	1.21E-06	2.88E-07	2.81E-08	3.16E-07	1.96E-03	6.79E-07	2.05E-06	2.27E-08	2.66E-07	2.88E-07	1.10E-05	5.75E-06
696	490186.72, 3860185.12	2.08E-03	2.17E-06	1.26E-06	2.99E-07	2.92E-08	3.28E-07	2.03E-03	7.04E-07	2.13E-06	2.35E-08	2.76E-07	2.99E-07	1.08E-05	5.65E-06
697	490236.72, 3860185.12	2.15E-03	2.25E-06	1.30E-06	3.10E-07	3.03E-08	3.40E-07	2.11E-03	7.30E-07	2.21E-06	2.44E-08	2.86E-07	3.10E-07	1.05E-05	5.55E-06
698	490286.72, 3860185.12	2.24E-03	2.34E-06	1.36E-06	3.22E-07	3.15E-08	3.54E-07	2.19E-03	7.59E-07	2.29E-06	2.53E-08	2.97E-07	3.22E-07	1.03E-05	5.47E-06
699	490336.72, 3860185.12	2.33E-03	2.44E-06	1.41E-06	3.35E-07	3.28E-08	3.68E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	1.01E-05	5.40E-06
700	490386.72, 3860185.12	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.41E-08	3.83E-07	2.37E-03	8.21E-07	2.48E-06	2.74E-08	3.21E-07	3.49E-07	9.98E-06	5.34E-06
701	490436.72, 3860185.12	2.53E-03	2.65E-06	1.53E-06	3.64E-07	3.56E-08	4.00E-07	2.48E-03	8.57E-07	2.59E-06	2.86E-08	3.35E-07	3.64E-07	9.84E-06	5.29E-06
702	490486.72, 3860185.12	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.72E-08	4.18E-07	2.59E-03	8.96E-07	2.70E-06	2.99E-08	3.50E-07	3.80E-07	9.73E-06	5.26E-06
703	490536.72, 3860185.12	2.78E-03	2.91E-06	1.68E-06	4.00E-07	3.91E-08	4.39E-07	2.72E-03	9.40E-07	2.84E-06	3.14E-08	3.68E-07	3.99E-07	9.65E-06	5.25E-06
704	490586.72, 3860185.12	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.63E-07	2.86E-03	9.91E-07	2.99E-06	3.31E-08	3.88E-07	4.21E-07	9.59E-06	5.25E-06
705	490636.72, 3860185.12	3.09E-03	3.23E-06	1.87E-06	4.45E-07	4.35E-08	4.89E-07	3.02E-03	1.05E-06	3.16E-06	3.49E-08	4.09E-07	4.44E-07	9.56E-06	5.27E-06
706	490686.72, 3860185.12	3.29E-03	3.44E-06	1.99E-06	4.73E-07	4.63E-08	5.19E-07	3.21E-03	1.11E-06	3.35E-06	3.71E-08	4.35E-07	4.72E-07	9.57E-06	5.31E-06
707	490736.72, 3860185.12	3.51E-03	3.67E-06	2.12E-06	5.05E-07	4.94E-08	5.54E-07	3.42E-03	1.18E-06	3.57E-06	3.95E-08	4.63E-07	5.03E-07	9.60E-06	5.37E-06
708	490786.72, 3860185.12	3.78E-03	3.95E-06	2.29E-06	5.44E-07	5.32E-08	5.97E-07	3.68E-03	1.27E-06	3.84E-06	4.25E-08	4.98E-07	5.40E-07	9.69E-06	5.46E-06
709	490836.72, 3860185.12	4.10E-03	4.29E-06	2.48E-06	5.90E-07	5.77E-08	6.48E-07	3.98E-03	1.38E-06	4.16E-06	4.60E-08	5.39E-07	5.85E-07	9.82E-06	5.59E-06
710	490086.72, 3860235.12	1.79E-03	1.87E-06	1.09E-06	2.58E-07	2.52E-08	2.83E-07	1.76E-03	6.10E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	1.09E-05	5.67E-06
711	490136.72, 3860235.12	1.85E-03	1.94E-06	1.12E-06	2.67E-07	2.61E-08	2.93E-07	1.82E-03	6.30E-07	1.90E-06	2.10E-08	2.47E-07	2.68E-07	1.06E-05	5.54E-06
712	490186.72, 3860235.12	1.92E-03	2.01E-06	1.16E-06	2.76E-07	2.70E-08	3.03E-07	1.88E-03	6.51E-07	1.97E-06	2.17E-08	2.55E-07	2.77E-07	1.04E-05	5.43E-06
713	490236.72, 3860235.12	1.99E-03	2.08E-06	1.20E-06	2.86E-07	2.80E-08	3.14E-07	1.95E-03	6.74E-07	2.04E-06	2.25E-08	2.64E-07	2.86E-07	1.01E-05	5.33E-06
714	490286.72, 3860235.12	2.06E-03	2.15E-06	1.25E-06	2.96E-07	2.90E-08	3.25E-07	2.02E-03	6.98E-07	2.11E-06	2.33E-08	2.73E-07	2.96E-07	9.92E-06	5.24E-06
715	490336.72, 3860235.12	2.14E-03	2.23E-06	1.29E-06	3.07E-07	3.01E-08	3.38E-07	2.09E-03	7.23E-07	2.18E-06	2.42E-08	2.83E-07	3.07E-07	9.73E-06	5.16E-06
716	490386.72, 3860235.12	2.22E-03	2.32E-06	1.34E-06	3.19E-07	3.12E-08	3.51E-07	2.17E-03	7.51E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	9.57E-06	5.10E-06
717	490436.72, 3860235.12	2.31E-03	2.42E-06	1.40E-06	3.32E-07	3.25E-08	3.65E-07	2.26E-03	7.81E-07	2.36E-06	2.61E-08	3.06E-07	3.32E-07	9.42E-06	5.04E-06
718	490486.72, 3860235.12	2.41E-03	2.52E-06	1.46E-06	3.46E-07	3.39E-08	3.80E-07	2.35E-03	8.13E-07	2.46E-06	2.72E-08	3.18E-07	3.45E-07	9.29E-06	5.00E-06
719	490536.72, 3860235.12	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	2.46E-03	8.50E-07	2.57E-06	2.84E-08	3.33E-07	3.61E-07	9.19E-06	4.97E-06
720	490586.72, 3860235.12	2.64E-03	2.76E-06	1.60E-06	3.79E-07	3.71E-08	4.16E-07	2.57E-03	8.91E-07	2.69E-06	2.98E-08	3.49E-07	3.78E-07	9.12E-06	4.96E-06
721	490636.72, 3860235.12	2.77E-03	2.90E-06	1.68E-06	3.99E-07	3.90E-08	4.38E-07	2.71E-03	9.37E-07	2.83E-06	3.13E-08	3.66E-07	3.98E-07	9.06E-06	4.96E-06
722	490686.72, 3860235.12	2.93E-03	3.06E-06	1.77E-06	4.21E-07	4.12E-08	4.62E-07	2.85E-03	9.88E-07	2.98E-06	3.30E-08	3.87E-07	4.20E-07	9.03E-06	4.97E-06
723	490736.72, 3860235.12	3.10E-03	3.24E-06	1.88E-06	4.46E-07	4.36E-08	4.90E-07	3.02E-03	1.05E-06	3.16E-06	3.49E-08	4.09E-07	4.44E-07	9.03E-06	5.01E-06
724	490786.72, 3860235.12	3.31E-03	3.45E-06	2.00E-06	4.75E-07	4.65E-08	5.22E-07	3.22E-03	1.11E-06	3.36E-06	3.72E-08	4.36E-07	4.73E-07	9.06E-06	5.06E-06
725	490086.72, 3860285.12	1.68E-03	1.76E-06	1.02E-06	2.42E-07	2.36E-08	2.65E-07	1.65E-03	5.72E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	1.05E-05	5.46E-06
726	490136.72, 3860285.12	1.73E-03	1.81E-06	1.05E-06	2.49E-07	2.44E-08	2.73E-07	1.70E-03	5.89E-07	1.78E-06	1.97E-08	2.30E-07	2.50E-07	1.02E-05	5.33E-06
727	490186.72, 3860285.12	1.79E-03	1.87E-06	1.08E-06	2.57E-07	2.51E-08	2.82E-07	1.75E-03	6.07E-07	1.83E-06	2.03E-08	2.37E-07	2.58E-07	9.98E-06	5.21E-06
728	490236.72, 3860285.12	1.85E-03	1.93E-06	1.12E-06	2.66E-07	2.60E-08	2.92E-07	1.81E-03	6.27E-07	1.89E-06	2.09E-08	2.45E-07	2.66E-07	9.74E-06	5.11E-06
729	490286.72, 3860285.12	1.91E-03	2.00E-06	1.16E-06	2.75E-07	2.69E-08	3.01E-07	1.87E-03	6.47E-07	1.95E-06	2.16E-08	2.53E-07	2.75E-07	9.52E-06	5.01E-06
730	490336.72, 3860285.12	1.98E-03	2.07E-06	1.20E-06	2.84E-07	2.78E-08	3.12E-07	1.93E-03	6.69E-07	2.02E-06	2.23E-08	2.62E-07	2.84E-07	9.33E-06	4.93E-06
731	490386.72, 3860285.12	2.05E-03	2.14E-06	1.24E-06	2.95E-07	2.89E-08	3.24E-07	2.00E-03	6.94E-07	2.09E-06	2.32E-08	2.71E-07	2.94E-07	9.16E-06	4.86E-06
732	490436.72, 3860285.12	2.13E-03	2.22E-06	1.29E-06	3.06E-07	2.99E-08	3.36E-07	2.08E-03	7.19E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	9.01E-06	4.80E-06
733	490486.72, 3860285.12	2.21E-03	2.31E-06	1.34E-06	3.18E-07	3.11E-08	3.49E-07	2.16E-03	7.47E-07	2.26E-06	2.50E-08	2.92E-07	3.17E-07	8.87E-06	4.76E-06
734	490536.72, 3860285.12	2.30E-03	2.41E-06	1.39E-06	3.31E-07	3.24E-08	3.64E-07	2.25E-03	7.78E-07	2.35E-06	2.60E-08	3.04E-07	3.30E-07	8.76E-06	4.72E-06
735	490586.72, 3860285.12	2.40E-03	2.51E-06	1.45E-06	3.46E-07	3.38E-08	3.80E-07	2.34E-03	8.11E-07	2.45E-06	2.71E-08	3.17E-07	3.44E-07	8.66E-06	4.69E-06
736	490636.72, 3860285.12	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	2.45E-03	8.49E-07	2.56E-06	2.84E-08	3.32E-07	3.61E-07	8.59E-06	4.68E-06
737	490686.72, 3860285.12	2.65E-03	2.77E-06	1.60E-06	3.80E-07	3.72E-08	4.18E-07	2.58E-03	8.93E-07	2.70E-06	2.98E-08	3.49E-07	3.79E-07	8.55E-06	4.68E-06
738	490736.72, 3860285.12	2.79E-03	2.92E-06	1.69E-06	4.01E-07	3.92E-08	4.40E-07	2.72E-03	9.40E-07	2.84E-06	3.14E-08	3.68E-07	3.99E-07	8.52E-06	4.70E-06
739	490786.72, 3860285.12	2.96E-03	3.09E-06	1.79E-06	4.25E-07	4.16E-08	4.67E-07	2.88E-03	9.96E-07	3.01E-06	3.32E-08	3.89E-07	4.23E-07	8.52E-06	4.73E-06
740	490086.72, 3860335.12	1.58E-03	1.66E-06	9.59E-07	2.28E-07	2.23E-08	2.50E-07	1.56E-03	5.39E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	1.01E-05	5.23E-06

741	490136.72, 3860335.12	1.63E-03	1.70E-06	9.87E-07	2.34E-07	2.29E-08	2.57E-07	1.60E-03	5.54E-07	1.67E-06	1.85E-08	2.17E-07	2.35E-07	9.82E-06	5.10E-06
742	490186.72, 3860335.12	1.68E-03	1.75E-06	1.01E-06	2.41E-07	2.36E-08	2.65E-07	1.65E-03	5.70E-07	1.72E-06	1.90E-08	2.23E-07	2.42E-07	9.56E-06	4.98E-06
743	490236.72, 3860335.12	1.73E-03	1.81E-06	1.05E-06	2.49E-07	2.43E-08	2.73E-07	1.69E-03	5.87E-07	1.77E-06	1.96E-08	2.30E-07	2.49E-07	9.33E-06	4.88E-06
744	490286.72, 3860335.12	1.78E-03	1.86E-06	1.08E-06	2.57E-07	2.51E-08	2.82E-07	1.75E-03	6.05E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	9.11E-06	4.79E-06
745	490336.72, 3860335.12	1.84E-03	1.93E-06	1.12E-06	2.65E-07	2.59E-08	2.91E-07	1.80E-03	6.24E-07	1.88E-06	2.08E-08	2.44E-07	2.65E-07	8.92E-06	4.70E-06
746	490386.72, 3860335.12	1.91E-03	1.99E-06	1.15E-06	2.74E-07	2.68E-08	3.01E-07	1.86E-03	6.45E-07	1.95E-06	2.15E-08	2.52E-07	2.74E-07	8.75E-06	4.63E-06
747	490436.72, 3860335.12	1.98E-03	2.07E-06	1.20E-06	2.84E-07	2.78E-08	3.12E-07	1.93E-03	6.67E-07	2.01E-06	2.23E-08	2.61E-07	2.83E-07	8.59E-06	4.57E-06
748	490486.72, 3860335.12	2.05E-03	2.14E-06	1.24E-06	2.95E-07	2.88E-08	3.24E-07	2.00E-03	6.91E-07	2.09E-06	2.31E-08	2.70E-07	2.94E-07	8.45E-06	4.52E-06
749	490536.72, 3860335.12	2.13E-03	2.23E-06	1.29E-06	3.06E-07	3.00E-08	3.36E-07	2.07E-03	7.18E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	8.34E-06	4.48E-06
750	490586.72, 3860335.12	2.22E-03	2.32E-06	1.34E-06	3.19E-07	3.12E-08	3.50E-07	2.16E-03	7.47E-07	2.26E-06	2.50E-08	2.92E-07	3.17E-07	8.24E-06	4.45E-06
751	490636.72, 3860335.12	2.31E-03	2.42E-06	1.40E-06	3.33E-07	3.25E-08	3.65E-07	2.25E-03	7.79E-07	2.35E-06	2.60E-08	3.05E-07	3.31E-07	8.16E-06	4.43E-06
752	490686.72, 3860335.12	2.42E-03	2.53E-06	1.46E-06	3.48E-07	3.40E-08	3.82E-07	2.36E-03	8.16E-07	2.46E-06	2.72E-08	3.19E-07	3.46E-07	8.10E-06	4.42E-06
753	490736.72, 3860335.12	2.54E-03	2.66E-06	1.54E-06	3.65E-07	3.57E-08	4.01E-07	2.47E-03	8.56E-07	2.59E-06	2.86E-08	3.35E-07	3.64E-07	8.05E-06	4.42E-06
754	490786.72, 3860335.12	2.68E-03	2.80E-06	1.62E-06	3.86E-07	3.77E-08	4.23E-07	2.61E-03	9.03E-07	2.73E-06	3.01E-08	3.53E-07	3.83E-07	8.04E-06	4.44E-06
755	490086.72, 3860385.12	1.50E-03	1.57E-06	9.11E-07	2.16E-07	2.12E-08	2.38E-07	1.48E-03	5.12E-07	1.55E-06	1.71E-08	2.00E-07	2.17E-07	9.63E-06	4.99E-06
756	490136.72, 3860385.12	1.54E-03	1.61E-06	9.34E-07	2.22E-07	2.17E-08	2.44E-07	1.52E-03	5.25E-07	1.58E-06	1.75E-08	2.05E-07	2.23E-07	9.36E-06	4.86E-06
757	490186.72, 3860385.12	1.58E-03	1.66E-06	9.59E-07	2.28E-07	2.23E-08	2.50E-07	1.56E-03	5.38E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	9.11E-06	4.75E-06
758	490236.72, 3860385.12	1.63E-03	1.70E-06	9.86E-07	2.34E-07	2.29E-08	2.57E-07	1.60E-03	5.53E-07	1.67E-06	1.85E-08	2.16E-07	2.35E-07	8.88E-06	4.65E-06
759	490286.72, 3860385.12	1.68E-03	1.75E-06	1.02E-06	2.41E-07	2.36E-08	2.65E-07	1.64E-03	5.69E-07	1.72E-06	1.90E-08	2.23E-07	2.42E-07	8.68E-06	4.56E-06
760	490336.72, 3860385.12	1.73E-03	1.81E-06	1.05E-06	2.49E-07	2.43E-08	2.73E-07	1.69E-03	5.86E-07	1.77E-06	1.96E-08	2.29E-07	2.49E-07	8.49E-06	4.48E-06
761	490386.72, 3860385.12	1.79E-03	1.87E-06	1.08E-06	2.57E-07	2.51E-08	2.82E-07	1.74E-03	6.04E-07	1.82E-06	2.02E-08	2.36E-07	2.56E-07	8.32E-06	4.40E-06
762	490436.72, 3860385.12	1.85E-03	1.93E-06	1.12E-06	2.65E-07	2.60E-08	2.91E-07	1.80E-03	6.24E-07	1.88E-06	2.08E-08	2.44E-07	2.65E-07	8.17E-06	4.34E-06
763	490486.72, 3860385.12	1.91E-03	2.00E-06	1.16E-06	2.75E-07	2.69E-08	3.02E-07	1.86E-03	6.45E-07	1.95E-06	2.15E-08	2.52E-07	2.74E-07	8.04E-06	4.29E-06
764	490536.72, 3860385.12	1.98E-03	2.07E-06	1.20E-06	2.85E-07	2.79E-08	3.13E-07	1.93E-03	6.68E-07	2.02E-06	2.23E-08	2.61E-07	2.84E-07	7.93E-06	4.25E-06
765	490586.72, 3860385.12	2.06E-03	2.15E-06	1.25E-06	2.96E-07	2.89E-08	3.25E-07	2.00E-03	6.94E-07	2.09E-06	2.32E-08	2.71E-07	2.94E-07	7.82E-06	4.21E-06
766	490636.72, 3860385.12	2.14E-03	2.24E-06	1.30E-06	3.08E-07	3.01E-08	3.38E-07	2.08E-03	7.21E-07	2.18E-06	2.41E-08	2.82E-07	3.06E-07	7.74E-06	4.19E-06
767	490686.72, 3860385.12	2.23E-03	2.34E-06	1.35E-06	3.21E-07	3.14E-08	3.53E-07	2.17E-03	7.53E-07	2.27E-06	2.51E-08	2.94E-07	3.20E-07	7.67E-06	4.17E-06
768	490736.72, 3860385.12	2.34E-03	2.44E-06	1.41E-06	3.36E-07	3.29E-08	3.69E-07	2.27E-03	7.87E-07	2.38E-06	2.63E-08	3.08E-07	3.34E-07	7.61E-06	4.17E-06
769	490786.72, 3860385.12	2.45E-03	2.56E-06	1.48E-06	3.53E-07	3.45E-08	3.87E-07	2.39E-03	8.26E-07	2.49E-06	2.76E-08	3.23E-07	3.51E-07	7.58E-06	4.17E-06
770	490136.72, 3860435.12	1.47E-03	1.54E-06	8.91E-07	2.12E-07	2.07E-08	2.32E-07	1.44E-03	5.00E-07	1.51E-06	1.67E-08	1.96E-07	2.12E-07	8.87E-06	4.61E-06
771	490186.72, 3860435.12	1.51E-03	1.58E-06	9.13E-07	2.17E-07	2.12E-08	2.38E-07	1.48E-03	5.12E-07	1.55E-06	1.71E-08	2.00E-07	2.18E-07	8.64E-06	4.50E-06
772	490236.72, 3860435.12	1.55E-03	1.62E-06	9.36E-07	2.23E-07	2.18E-08	2.44E-07	1.52E-03	5.25E-07	1.58E-06	1.75E-08	2.05E-07	2.23E-07	8.43E-06	4.41E-06
773	490286.72, 3860435.12	1.59E-03	1.66E-06	9.61E-07	2.28E-07	2.23E-08	2.51E-07	1.56E-03	5.38E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	8.23E-06	4.32E-06
774	490336.72, 3860435.12	1.63E-03	1.71E-06	9.88E-07	2.35E-07	2.30E-08	2.58E-07	1.60E-03	5.53E-07	1.67E-06	1.85E-08	2.16E-07	2.35E-07	8.05E-06	4.24E-06
775	490386.72, 3860435.12	1.68E-03	1.76E-06	1.02E-06	2.42E-07	2.36E-08	2.65E-07	1.64E-03	5.69E-07	1.72E-06	1.90E-08	2.23E-07	2.42E-07	7.90E-06	4.18E-06
776	490436.72, 3860435.12	1.74E-03	1.81E-06	1.05E-06	2.50E-07	2.44E-08	2.74E-07	1.69E-03	5.86E-07	1.77E-06	1.96E-08	2.29E-07	2.49E-07	7.75E-06	4.12E-06
777	490486.72, 3860435.12	1.79E-03	1.87E-06	1.08E-06	2.58E-07	2.52E-08	2.83E-07	1.75E-03	6.05E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	7.63E-06	4.07E-06
778	490536.72, 3860435.12	1.86E-03	1.94E-06	1.12E-06	2.67E-07	2.61E-08	2.93E-07	1.81E-03	6.25E-07	1.89E-06	2.09E-08	2.45E-07	2.65E-07	7.51E-06	4.02E-06
779	490586.72, 3860435.12	1.92E-03	2.01E-06	1.16E-06	2.76E-07	2.70E-08	3.04E-07	1.87E-03	6.47E-07	1.95E-06	2.16E-08	2.53E-07	2.75E-07	7.42E-06	3.99E-06
780	490636.72, 3860435.12	2.00E-03	2.09E-06	1.21E-06	2.87E-07	2.81E-08	3.15E-07	1.94E-03	6.72E-07	2.03E-06	2.24E-08	2.63E-07	2.85E-07	7.33E-06	3.96E-06
781	490686.72, 3860435.12	2.08E-03	2.17E-06	1.26E-06	2.99E-07	2.92E-08	3.28E-07	2.02E-03	6.99E-07	2.11E-06	2.33E-08	2.73E-07	2.97E-07	7.25E-06	3.94E-06
782	490736.72, 3860435.12	2.17E-03	2.27E-06	1.31E-06	3.12E-07	3.05E-08	3.42E-07	2.11E-03	7.29E-07	2.20E-06	2.43E-08	2.85E-07	3.09E-07	7.20E-06	3.93E-06
783	490786.72, 3860435.12	2.27E-03	2.37E-06	1.37E-06	3.26E-07	3.19E-08	3.58E-07	2.20E-03	7.62E-07	2.30E-06	2.55E-08	2.98E-07	3.24E-07	7.15E-06	3.93E-06
784	490136.72, 3860485.12	1.41E-03	1.48E-06	8.55E-07	2.03E-07	1.99E-08	2.23E-07	1.39E-03	4.80E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	8.37E-06	4.35E-06
785	490186.72, 3860485.12	1.44E-03	1.51E-06	8.74E-07	2.08E-07	2.03E-08	2.28E-07	1.42E-03	4.90E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	8.15E-06	4.25E-06
786	490236.72, 3860485.12	1.48E-03	1.54E-06	8.94E-07	2.12E-07	2.08E-08	2.33E-07	1.45E-03	5.02E-07	1.51E-06	1.67E-08	1.96E-07	2.13E-07	7.96E-06	4.17E-06
787	490286.72, 3860485.12	1.51E-03	1.58E-06	9.17E-07	2.18E-07	2.13E-08	2.39E-07	1.48E-03	5.14E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	7.78E-06	4.09E-06
788	490336.72, 3860485.12	1.55E-03	1.62E-06	9.39E-07	2.23E-07	2.18E-08	2.45E-07	1.52E-03	5.27E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	7.61E-06	4.01E-06
789	490386.72, 3860485.12	1.60E-03	1.67E-06	9.66E-07	2.30E-07	2.24E-08	2.52E-07	1.56E-03	5.41E-07	1.63E-06	1.81E-08	2.12E-07	2.30E-07	7.47E-06	3.95E-06
790	490436.72, 3860485.12	1.64E-03	1.72E-06	9.95E-07	2.36E-07	2.31E-08	2.59E-07	1.61E-03	5.56E-07	1.68E-06	1.86E-08	2.17E-07	2.36E-07	7.34E-06	3.90E-06
791	490486.72, 3860485.12	1.69E-03	1.77E-06	1.03E-06	2.44E-07	2.38E-08	2.67E-07	1.65E-03	5.72E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	7.22E-06	3.85E-06
792	490536.72, 3860485.12	1.75E-03	1.83E-06	1.06E-06	2.51E-07	2.46E-08	2.76E-07	1.70E-03	5.89E-07	1.78E-06	1.97E-08	2.31E-07	2.50E-07	7.11E-06	3.81E-06
793	490586.72, 3860485.12	1.81E-03	1.89E-06	1.09E-06	2.60E-07	2.54E-08	2.85E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	7.01E-06	3.77E-06
794	490636.72, 3860485.12	1.87E-03	1.96E-06	1.13E-06	2.69E-07	2.63E-08	2.96E-07	1.82E-03	6.30E-07	1.90E-06	2.10E-08	2.47E-07	2.68E-07	6.93E-06	3.74E-06
795	490686.72, 3860485.12	1.94E-03	2.03E-06	1.18E-06	2.79E-07	2.73E-08	3.07E-07	1.89E-03	6.53E-07	1.97E-06	2.18E-08	2.55E-07	2.77E-07	6.86E-06	3.72E-06
796	490736.72, 3860485.12	2.02E-03	2.11E-06	1.22E-06	2.91E-07	2.84E-08	3.19E-07	1.96E-03	6.79E-07	2.05E-06	2.27E-08	2.66E-07	2.88E-07	6.80E-06	3.71E-06
797	490786.72, 3860485.12	2.11E-03	2.20E-06	1.28E-06	3.03E-07	2.96E-08	3.33E-07	2.05E-03	7.08E-07	2.14E-06	2.36E-08	2.77E-07	3.01E-07	6.75E-06	3.70E-06
798	490136.72, 3860535.12	1.36E-03	1.42E-06	8.24E-07	1.96E-07	1.91E-08	2.15E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	7.85E-06	4.09E-06
799	490186.72, 3860535.12	1.39E-03	1.45E-06	8.41E-07	2.00E-07	1.96E-08	2.20E-07	1.36E-03	4.72E-07	1.42E-06	1.58E-08	1.85E-07	2.00E-07	7.66E-06	4.01E-06
800	490236.72, 3860535.12	1.42E-03	1.48E-06	8.59E-07	2.04E-07	2.00E-08	2.24E-07	1.39E-03	4.82E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	7.48E-06	3.92E-06
801	490286.72, 3860535.12	1.45E-03	1.52E-06	8.78E-07	2.09E-07	2.04E-08	2.29E-07	1.42E-03	4.92E-07	1.49E-06	1.64E-08	1.93E-07	2.09E-07	7.32E-06	3.85E-06
802	490336.72, 3860535.12	1.49E-03	1.55E-06	9.00E-07	2.14E-07	2.09E-08	2.35E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	7.17E-06	3.79E-06

803	490386.72, 3860535.12	1.52E-03	1.59E-06	9.22E-07	2.19E-07	2.14E-08	2.41E-07	1.49E-03	5.17E-07	1.56E-06	1.73E-08	2.02E-07	2.19E-07	7.05E-06	3.73E-06
804	490436.72, 3860535.12	1.57E-03	1.64E-06	9.48E-07	2.25E-07	2.20E-08	2.47E-07	1.53E-03	5.30E-07	1.60E-06	1.77E-08	2.07E-07	2.25E-07	6.93E-06	3.68E-06
805	490486.72, 3860535.12	1.61E-03	1.68E-06	9.75E-07	2.32E-07	2.27E-08	2.54E-07	1.57E-03	5.44E-07	1.64E-06	1.82E-08	2.13E-07	2.31E-07	6.82E-06	3.64E-06
806	490536.72, 3860535.12	1.66E-03	1.74E-06	1.00E-06	2.39E-07	2.33E-08	2.62E-07	1.62E-03	5.60E-07	1.69E-06	1.87E-08	2.19E-07	2.38E-07	6.73E-06	3.60E-06
807	490586.72, 3860535.12	1.71E-03	1.79E-06	1.04E-06	2.46E-07	2.41E-08	2.70E-07	1.67E-03	5.76E-07	1.74E-06	1.92E-08	2.26E-07	2.45E-07	6.63E-06	3.56E-06
808	490636.72, 3860535.12	1.77E-03	1.85E-06	1.07E-06	2.54E-07	2.48E-08	2.79E-07	1.72E-03	5.95E-07	1.80E-06	1.99E-08	2.33E-07	2.53E-07	6.55E-06	3.54E-06
809	490686.72, 3860535.12	1.83E-03	1.91E-06	1.11E-06	2.63E-07	2.57E-08	2.89E-07	1.78E-03	6.15E-07	1.86E-06	2.05E-08	2.41E-07	2.61E-07	6.48E-06	3.52E-06
810	490736.72, 3860535.12	1.90E-03	1.98E-06	1.15E-06	2.73E-07	2.66E-08	2.99E-07	1.84E-03	6.37E-07	1.92E-06	2.13E-08	2.49E-07	2.71E-07	6.41E-06	3.50E-06
811	490786.72, 3860535.12	1.97E-03	2.06E-06	1.19E-06	2.84E-07	2.77E-08	3.11E-07	1.91E-03	6.63E-07	2.00E-06	2.21E-08	2.59E-07	2.81E-07	6.37E-06	3.49E-06
812	490136.72, 3860585.12	1.31E-03	1.37E-06	7.95E-07	1.89E-07	1.85E-08	2.07E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.74E-07	1.89E-07	7.33E-06	3.83E-06
813	490186.72, 3860585.12	1.34E-03	1.40E-06	8.10E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	7.15E-06	3.75E-06
814	490236.72, 3860585.12	1.37E-03	1.43E-06	8.28E-07	1.97E-07	1.92E-08	2.16E-07	1.34E-03	4.64E-07	1.40E-06	1.55E-08	1.81E-07	1.97E-07	7.00E-06	3.68E-06
815	490286.72, 3860585.12	1.40E-03	1.46E-06	8.45E-07	2.01E-07	1.96E-08	2.21E-07	1.37E-03	4.74E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	6.87E-06	3.62E-06
816	490336.72, 3860585.12	1.43E-03	1.49E-06	8.65E-07	2.06E-07	2.01E-08	2.26E-07	1.40E-03	4.85E-07	1.46E-06	1.62E-08	1.90E-07	2.06E-07	6.74E-06	3.57E-06
817	490386.72, 3860585.12	1.46E-03	1.53E-06	8.85E-07	2.10E-07	2.06E-08	2.31E-07	1.43E-03	4.96E-07	1.50E-06	1.66E-08	1.94E-07	2.10E-07	6.63E-06	3.51E-06
818	490436.72, 3860585.12	1.50E-03	1.57E-06	9.09E-07	2.16E-07	2.11E-08	2.37E-07	1.47E-03	5.08E-07	1.53E-06	1.70E-08	1.99E-07	2.16E-07	6.53E-06	3.48E-06
819	490486.72, 3860585.12	1.54E-03	1.61E-06	9.32E-07	2.22E-07	2.17E-08	2.43E-07	1.51E-03	5.21E-07	1.57E-06	1.74E-08	2.04E-07	2.21E-07	6.44E-06	3.44E-06
820	490536.72, 3860585.12	1.58E-03	1.66E-06	9.59E-07	2.28E-07	2.23E-08	2.50E-07	1.55E-03	5.35E-07	1.62E-06	1.79E-08	2.09E-07	2.27E-07	6.35E-06	3.40E-06
821	490586.72, 3860585.12	1.63E-03	1.70E-06	9.85E-07	2.34E-07	2.29E-08	2.57E-07	1.59E-03	5.49E-07	1.66E-06	1.83E-08	2.15E-07	2.33E-07	6.25E-06	3.37E-06
822	490636.72, 3860585.12	1.68E-03	1.75E-06	1.02E-06	2.41E-07	2.36E-08	2.65E-07	1.63E-03	5.66E-07	1.71E-06	1.89E-08	2.21E-07	2.40E-07	6.18E-06	3.34E-06
823	490686.72, 3860585.12	1.73E-03	1.81E-06	1.05E-06	2.49E-07	2.44E-08	2.73E-07	1.68E-03	5.83E-07	1.76E-06	1.95E-08	2.28E-07	2.48E-07	6.12E-06	3.32E-06
824	490736.72, 3860585.12	1.79E-03	1.87E-06	1.08E-06	2.58E-07	2.52E-08	2.83E-07	1.74E-03	6.02E-07	1.82E-06	2.01E-08	2.36E-07	2.56E-07	6.06E-06	3.30E-06
825	490786.72, 3860585.12	1.86E-03	1.94E-06	1.12E-06	2.67E-07	2.61E-08	2.93E-07	1.80E-03	6.24E-07	1.88E-06	2.08E-08	2.44E-07	2.65E-07	6.01E-06	3.29E-06
826	490136.72, 3860635.12	1.27E-03	1.32E-06	7.66E-07	1.82E-07	1.78E-08	2.00E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	6.83E-06	3.58E-06
827	490186.72, 3860635.12	1.29E-03	1.35E-06	7.82E-07	1.86E-07	1.82E-08	2.04E-07	1.27E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	6.68E-06	3.51E-06
828	490236.72, 3860635.12	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.29E-03	4.47E-07	1.35E-06	1.49E-08	1.75E-07	1.90E-07	6.54E-06	3.44E-06
829	490286.72, 3860635.12	1.35E-03	1.41E-06	8.15E-07	1.94E-07	1.89E-08	2.13E-07	1.32E-03	4.57E-07	1.38E-06	1.52E-08	1.79E-07	1.94E-07	6.42E-06	3.39E-06
830	490336.72, 3860635.12	1.38E-03	1.44E-06	8.33E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	6.32E-06	3.35E-06
831	490386.72, 3860635.12	1.41E-03	1.47E-06	8.52E-07	2.03E-07	1.98E-08	2.22E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.87E-07	2.03E-07	6.22E-06	3.31E-06
832	490436.72, 3860635.12	1.44E-03	1.51E-06	8.72E-07	2.07E-07	2.03E-08	2.28E-07	1.41E-03	4.89E-07	1.48E-06	1.63E-08	1.91E-07	2.07E-07	6.13E-06	3.27E-06
833	490486.72, 3860635.12	1.48E-03	1.55E-06	8.95E-07	2.13E-07	2.08E-08	2.33E-07	1.45E-03	5.01E-07	1.51E-06	1.67E-08	1.96E-07	2.13E-07	6.05E-06	3.24E-06
834	490536.72, 3860635.12	1.52E-03	1.59E-06	9.19E-07	2.18E-07	2.13E-08	2.40E-07	1.48E-03	5.14E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	5.97E-06	3.21E-06
835	490586.72, 3860635.12	1.56E-03	1.63E-06	9.43E-07	2.24E-07	2.19E-08	2.46E-07	1.52E-03	5.27E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	5.90E-06	3.18E-06
836	490636.72, 3860635.12	1.60E-03	1.68E-06	9.71E-07	2.31E-07	2.26E-08	2.53E-07	1.56E-03	5.41E-07	1.63E-06	1.81E-08	2.12E-07	2.30E-07	5.83E-06	3.16E-06
837	490686.72, 3860635.12	1.65E-03	1.73E-06	9.99E-07	2.38E-07	2.32E-08	2.61E-07	1.61E-03	5.56E-07	1.68E-06	1.86E-08	2.18E-07	2.36E-07	5.77E-06	3.14E-06
838	490736.72, 3860635.12	1.70E-03	1.78E-06	1.03E-06	2.45E-07	2.40E-08	2.69E-07	1.66E-03	5.73E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	5.72E-06	3.12E-06
839	490786.72, 3860635.12	1.76E-03	1.84E-06	1.07E-06	2.53E-07	2.48E-08	2.78E-07	1.71E-03	5.92E-07	1.79E-06	1.98E-08	2.32E-07	2.51E-07	5.67E-06	3.11E-06
840	490136.72, 3860685.12	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.62E-07	1.75E-07	6.33E-06	3.32E-06
841	490186.72, 3860685.12	1.24E-03	1.30E-06	7.53E-07	1.79E-07	1.75E-08	1.96E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	6.23E-06	3.28E-06
842	490236.72, 3860685.12	1.27E-03	1.33E-06	7.68E-07	1.83E-07	1.79E-08	2.00E-07	1.24E-03	4.31E-07	1.30E-06	1.44E-08	1.68E-07	1.83E-07	6.11E-06	3.22E-06
843	490286.72, 3860685.12	1.30E-03	1.35E-06	7.84E-07	1.86E-07	1.82E-08	2.05E-07	1.27E-03	4.39E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	5.99E-06	3.17E-06
844	490336.72, 3860685.12	1.33E-03	1.39E-06	8.02E-07	1.91E-07	1.86E-08	2.09E-07	1.30E-03	4.49E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.91E-06	3.14E-06
845	490386.72, 3860685.12	1.35E-03	1.42E-06	8.20E-07	1.95E-07	1.91E-08	2.14E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.80E-07	1.95E-07	5.83E-06	3.10E-06
846	490436.72, 3860685.12	1.39E-03	1.45E-06	8.39E-07	1.99E-07	1.95E-08	2.19E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	1.99E-07	5.75E-06	3.07E-06
847	490486.72, 3860685.12	1.42E-03	1.48E-06	8.59E-07	2.04E-07	2.00E-08	2.24E-07	1.39E-03	4.81E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	5.67E-06	3.04E-06
848	490536.72, 3860685.12	1.46E-03	1.52E-06	8.81E-07	2.09E-07	2.05E-08	2.30E-07	1.42E-03	4.93E-07	1.49E-06	1.65E-08	1.93E-07	2.09E-07	5.61E-06	3.02E-06
849	490586.72, 3860685.12	1.50E-03	1.56E-06	9.05E-07	2.15E-07	2.10E-08	2.36E-07	1.46E-03	5.05E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	5.55E-06	3.00E-06
850	490636.72, 3860685.12	1.54E-03	1.61E-06	9.30E-07	2.21E-07	2.16E-08	2.43E-07	1.50E-03	5.19E-07	1.57E-06	1.73E-08	2.03E-07	2.20E-07	5.50E-06	2.98E-06
851	490686.72, 3860685.12	1.58E-03	1.65E-06	9.57E-07	2.27E-07	2.22E-08	2.50E-07	1.54E-03	5.34E-07	1.61E-06	1.78E-08	2.09E-07	2.27E-07	5.45E-06	2.97E-06
852	490736.72, 3860685.12	1.63E-03	1.70E-06	9.86E-07	2.34E-07	2.29E-08	2.57E-07	1.59E-03	5.49E-07	1.66E-06	1.83E-08	2.15E-07	2.33E-07	5.40E-06	2.95E-06
853	490786.72, 3860685.12	1.68E-03	1.76E-06	1.02E-06	2.42E-07	2.36E-08	2.65E-07	1.63E-03	5.66E-07	1.71E-06	1.89E-08	2.21E-07	2.40E-07	5.36E-06	2.94E-06
854	490136.72, 3860735.12	1.17E-03	1.22E-06	7.09E-07	1.69E-07	1.65E-08	1.85E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	5.84E-06	3.08E-06
855	490186.72, 3860735.12	1.19E-03	1.25E-06	7.23E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	5.75E-06	3.03E-06
856	490236.72, 3860735.12	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.62E-07	1.75E-07	5.66E-06	3.00E-06
857	490286.72, 3860735.12	1.25E-03	1.30E-06	7.54E-07	1.79E-07	1.75E-08	1.97E-07	1.22E-03	4.22E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	5.58E-06	2.96E-06
858	490336.72, 3860735.12	1.27E-03	1.33E-06	7.70E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	5.51E-06	2.93E-06
859	490386.72, 3860735.12	1.30E-03	1.36E-06	7.87E-07	1.87E-07	1.83E-08	2.05E-07	1.28E-03	4.41E-07	1.33E-06	1.47E-08	1.73E-07	1.87E-07	5.45E-06	2.91E-06
860	490436.72, 3860735.12	1.33E-03	1.39E-06	8.07E-07	1.92E-07	1.88E-08	2.11E-07	1.30E-03	4.52E-07	1.36E-06	1.51E-08	1.77E-07	1.92E-07	5.39E-06	2.89E-06
861	490486.72, 3860735.12	1.36E-03	1.43E-06	8.26E-07	1.96E-07	1.92E-08	2.15E-07	1.34E-03	4.63E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	5.33E-06	2.86E-06
862	490536.72, 3860735.12	1.40E-03	1.46E-06	8.45E-07	2.01E-07	1.96E-08	2.21E-07	1.37E-03	4.73E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	5.27E-06	2.84E-06
863	490586.72, 3860735.12	1.43E-03	1.50E-06	8.67E-07	2.06E-07	2.02E-08	2.26E-07	1.40E-03	4.85E-07	1.46E-06	1.62E-08	1.90E-07	2.06E-07	5.21E-06	2.82E-06
864	490636.72, 3860735.12	1.47E-03	1.54E-06	8.91E-07	2.12E-07	2.07E-08	2.32E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	5.17E-06	2.81E-06

865	490686.72, 3860735.12	1.51E-03	1.58E-06	9.17E-07	2.18E-07	2.13E-08	2.39E-07	1.48E-03	5.11E-07	1.54E-06	1.71E-08	2.00E-07	2.17E-07	5.13E-06	2.80E-06
866	490736.72, 3860735.12	1.56E-03	1.63E-06	9.44E-07	2.24E-07	2.19E-08	2.46E-07	1.52E-03	5.26E-07	1.59E-06	1.76E-08	2.06E-07	2.23E-07	5.10E-06	2.79E-06
867	490136.72, 3860785.12	1.12E-03	1.18E-06	6.80E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	5.39E-06	2.85E-06
868	490186.72, 3860785.12	1.15E-03	1.20E-06	6.94E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.88E-07	1.17E-06	1.30E-08	1.52E-07	1.65E-07	5.32E-06	2.82E-06
869	490236.72, 3860785.12	1.17E-03	1.22E-06	7.08E-07	1.68E-07	1.65E-08	1.85E-07	1.15E-03	3.96E-07	1.20E-06	1.32E-08	1.55E-07	1.68E-07	5.25E-06	2.79E-06
870	490286.72, 3860785.12	1.19E-03	1.25E-06	7.23E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	5.19E-06	2.76E-06
871	490336.72, 3860785.12	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	5.13E-06	2.74E-06
872	490386.72, 3860785.12	1.25E-03	1.31E-06	7.56E-07	1.80E-07	1.76E-08	1.97E-07	1.22E-03	4.23E-07	1.28E-06	1.41E-08	1.65E-07	1.80E-07	5.08E-06	2.72E-06
873	490436.72, 3860785.12	1.28E-03	1.34E-06	7.73E-07	1.84E-07	1.80E-08	2.02E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	5.03E-06	2.70E-06
874	490486.72, 3860785.12	1.31E-03	1.37E-06	7.92E-07	1.88E-07	1.84E-08	2.07E-07	1.28E-03	4.44E-07	1.34E-06	1.48E-08	1.74E-07	1.88E-07	4.99E-06	2.69E-06
875	490536.72, 3860785.12	1.34E-03	1.40E-06	8.11E-07	1.93E-07	1.88E-08	2.12E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	4.94E-06	2.67E-06
876	490586.72, 3860785.12	1.37E-03	1.43E-06	8.31E-07	1.97E-07	1.93E-08	2.17E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	4.90E-06	2.65E-06
877	490636.72, 3860785.12	1.41E-03	1.47E-06	8.52E-07	2.03E-07	1.98E-08	2.22E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	4.86E-06	2.64E-06
878	490686.72, 3860785.12	1.45E-03	1.51E-06	8.76E-07	2.08E-07	2.04E-08	2.29E-07	1.41E-03	4.89E-07	1.48E-06	1.63E-08	1.91E-07	2.08E-07	4.82E-06	2.63E-06
879	490736.72, 3860785.12	1.49E-03	1.56E-06	9.03E-07	2.15E-07	2.10E-08	2.36E-07	1.45E-03	5.03E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	4.80E-06	2.63E-06
880	490086.72, 3860835.12	1.06E-03	1.11E-06	6.42E-07	1.53E-07	1.49E-08	1.67E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	5.03E-06	2.66E-06
881	490136.72, 3860835.12	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.06E-03	3.66E-07	1.11E-06	1.22E-08	1.43E-07	1.55E-07	4.98E-06	2.64E-06
882	490186.72, 3860835.12	1.10E-03	1.15E-06	6.67E-07	1.58E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.13E-06	1.25E-08	1.46E-07	1.58E-07	4.92E-06	2.61E-06
883	490236.72, 3860835.12	1.12E-03	1.18E-06	6.80E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.87E-06	2.59E-06
884	490286.72, 3860835.12	1.15E-03	1.20E-06	6.94E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.89E-07	1.17E-06	1.30E-08	1.52E-07	1.65E-07	4.82E-06	2.57E-06
885	490336.72, 3860835.12	1.17E-03	1.22E-06	7.08E-07	1.68E-07	1.65E-08	1.85E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	4.77E-06	2.56E-06
886	490386.72, 3860835.12	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.22E-06	1.35E-08	1.59E-07	1.72E-07	4.73E-06	2.54E-06
887	490436.72, 3860835.12	1.22E-03	1.28E-06	7.41E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.15E-07	1.25E-06	1.39E-08	1.62E-07	1.76E-07	4.70E-06	2.53E-06
888	490486.72, 3860835.12	1.25E-03	1.31E-06	7.58E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	4.66E-06	2.52E-06
889	490536.72, 3860835.12	1.28E-03	1.34E-06	7.76E-07	1.84E-07	1.80E-08	2.03E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	4.63E-06	2.51E-06
890	490586.72, 3860835.12	1.31E-03	1.37E-06	7.95E-07	1.89E-07	1.85E-08	2.07E-07	1.29E-03	4.45E-07	1.34E-06	1.49E-08	1.74E-07	1.89E-07	4.60E-06	2.50E-06
891	490636.72, 3860835.12	1.35E-03	1.41E-06	8.16E-07	1.94E-07	1.90E-08	2.13E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.94E-07	4.56E-06	2.49E-06
892	490686.72, 3860835.12	1.38E-03	1.45E-06	8.38E-07	1.99E-07	1.95E-08	2.19E-07	1.35E-03	4.68E-07	1.41E-06	1.56E-08	1.83E-07	1.99E-07	4.54E-06	2.48E-06
893	490736.72, 3860835.12	1.42E-03	1.49E-06	8.62E-07	2.05E-07	2.00E-08	2.25E-07	1.39E-03	4.82E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	4.51E-06	2.48E-06
894	490086.72, 3860885.12	1.02E-03	1.07E-06	6.19E-07	1.47E-07	1.44E-08	1.62E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	4.64E-06	2.46E-06
895	490136.72, 3860885.12	1.04E-03	1.09E-06	6.31E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.53E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	4.59E-06	2.44E-06
896	490186.72, 3860885.12	1.06E-03	1.11E-06	6.43E-07	1.53E-07	1.49E-08	1.68E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	4.55E-06	2.43E-06
897	490236.72, 3860885.12	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.06E-03	3.67E-07	1.11E-06	1.22E-08	1.43E-07	1.56E-07	4.52E-06	2.41E-06
898	490286.72, 3860885.12	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.74E-07	1.13E-06	1.25E-08	1.46E-07	1.59E-07	4.48E-06	2.40E-06
899	490336.72, 3860885.12	1.12E-03	1.18E-06	6.80E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.44E-06	2.38E-06
900	490386.72, 3860885.12	1.15E-03	1.20E-06	6.95E-07	1.65E-07	1.62E-08	1.81E-07	1.12E-03	3.89E-07	1.18E-06	1.30E-08	1.52E-07	1.65E-07	4.41E-06	2.38E-06
901	490436.72, 3860885.12	1.17E-03	1.23E-06	7.10E-07	1.69E-07	1.65E-08	1.85E-07	1.15E-03	3.98E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	4.38E-06	2.37E-06
902	490486.72, 3860885.12	1.20E-03	1.26E-06	7.27E-07	1.73E-07	1.69E-08	1.90E-07	1.17E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	4.36E-06	2.36E-06
903	490536.72, 3860885.12	1.23E-03	1.28E-06	7.44E-07	1.77E-07	1.73E-08	1.94E-07	1.20E-03	4.16E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	4.33E-06	2.35E-06
904	490586.72, 3860885.12	1.26E-03	1.32E-06	7.61E-07	1.81E-07	1.77E-08	1.99E-07	1.23E-03	4.26E-07	1.29E-06	1.42E-08	1.67E-07	1.81E-07	4.31E-06	2.34E-06
905	490636.72, 3860885.12	1.29E-03	1.35E-06	7.79E-07	1.85E-07	1.81E-08	2.03E-07	1.26E-03	4.37E-07	1.32E-06	1.46E-08	1.71E-07	1.85E-07	4.28E-06	2.34E-06
906	490686.72, 3860885.12	1.32E-03	1.38E-06	8.00E-07	1.90E-07	1.86E-08	2.09E-07	1.29E-03	4.47E-07	1.35E-06	1.49E-08	1.75E-07	1.90E-07	4.26E-06	2.34E-06
907	490736.72, 3860885.12	1.36E-03	1.42E-06	8.23E-07	1.96E-07	1.91E-08	2.15E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.80E-07	1.95E-07	4.24E-06	2.33E-06
908	490086.72, 3860935.12	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	4.28E-06	2.28E-06
909	490136.72, 3860935.12	1.01E-03	1.05E-06	6.09E-07	1.45E-07	1.42E-08	1.59E-07	9.84E-04	3.41E-07	1.03E-06	1.14E-08	1.33E-07	1.45E-07	4.24E-06	2.27E-06
910	490186.72, 3860935.12	1.03E-03	1.07E-06	6.20E-07	1.47E-07	1.44E-08	1.62E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	4.22E-06	2.26E-06
911	490236.72, 3860935.12	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.53E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	4.19E-06	2.25E-06
912	490286.72, 3860935.12	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	4.16E-06	2.24E-06
913	490336.72, 3860935.12	1.08E-03	1.13E-06	6.56E-07	1.56E-07	1.52E-08	1.71E-07	1.06E-03	3.67E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	4.14E-06	2.23E-06
914	490386.72, 3860935.12	1.11E-03	1.16E-06	6.69E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	4.11E-06	2.22E-06
915	490436.72, 3860935.12	1.13E-03	1.18E-06	6.83E-07	1.62E-07	1.59E-08	1.78E-07	1.11E-03	3.83E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	4.09E-06	2.22E-06
916	490486.72, 3860935.12	1.15E-03	1.20E-06	6.97E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.91E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	4.07E-06	2.21E-06
917	490536.72, 3860935.12	1.18E-03	1.23E-06	7.13E-07	1.69E-07	1.66E-08	1.86E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	4.06E-06	2.21E-06
918	490586.72, 3860935.12	1.20E-03	1.26E-06	7.29E-07	1.73E-07	1.69E-08	1.90E-07	1.18E-03	4.08E-07	1.23E-06	1.36E-08	1.60E-07	1.73E-07	4.04E-06	2.20E-06
919	490636.72, 3860935.12	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.21E-03	4.18E-07	1.26E-06	1.40E-08	1.64E-07	1.78E-07	4.02E-06	2.20E-06
920	490686.72, 3860935.12	1.27E-03	1.32E-06	7.65E-07	1.82E-07	1.78E-08	2.00E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.68E-07	1.82E-07	4.00E-06	2.20E-06
921	490736.72, 3860935.12	1.30E-03	1.36E-06	7.85E-07	1.87E-07	1.82E-08	2.05E-07	1.27E-03	4.39E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	3.98E-06	2.20E-06
922	490786.72, 3860935.12	1.33E-03	1.39E-06	8.07E-07	1.92E-07	1.88E-08	2.11E-07	1.30E-03	4.51E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	3.97E-06	2.20E-06
923	490836.72, 3860935.12	1.37E-03	1.43E-06	8.31E-07	1.97E-07	1.93E-08	2.17E-07	1.34E-03	4.64E-07	1.40E-06	1.55E-08	1.81E-07	1.97E-07	3.97E-06	2.20E-06
924	490086.72, 3860985.12	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	3.95E-06	2.11E-06
925	490136.72, 3860985.12	9.74E-04	1.02E-06	5.90E-07	1.40E-07	1.37E-08	1.54E-07	9.52E-04	3.30E-07	9.95E-07	1.10E-08	1.29E-07	1.40E-07	3.93E-06	2.11E-06
926	490186.72, 3860985.12	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.70E-04	3.36E-07	1.01E-06	1.12E-08	1.31E-07	1.43E-07	3.91E-06	2.10E-06

927	490236.72, 3860985.12	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	9.85E-04	3.41E-07	1.03E-06	1.14E-08	1.33E-07	1.45E-07	3.89E-06	2.09E-06
928	490286.72, 3860985.12	1.03E-03	1.07E-06	6.21E-07	1.48E-07	1.44E-08	1.62E-07	1.00E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	3.87E-06	2.09E-06
929	490336.72, 3860985.12	1.05E-03	1.09E-06	6.33E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.39E-07	1.50E-07	3.86E-06	2.08E-06
930	490386.72, 3860985.12	1.07E-03	1.11E-06	6.45E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.61E-07	1.09E-06	1.21E-08	1.41E-07	1.53E-07	3.84E-06	2.08E-06
931	490436.72, 3860985.12	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.07E-03	3.69E-07	1.11E-06	1.23E-08	1.44E-07	1.57E-07	3.83E-06	2.08E-06
932	490486.72, 3860985.12	1.11E-03	1.16E-06	6.72E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	3.81E-06	2.08E-06
933	490536.72, 3860985.12	1.13E-03	1.18E-06	6.85E-07	1.63E-07	1.59E-08	1.79E-07	1.11E-03	3.84E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	3.80E-06	2.07E-06
934	490586.72, 3860985.12	1.16E-03	1.21E-06	7.00E-07	1.66E-07	1.63E-08	1.83E-07	1.13E-03	3.93E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	3.78E-06	2.07E-06
935	490636.72, 3860985.12	1.18E-03	1.24E-06	7.16E-07	1.70E-07	1.66E-08	1.87E-07	1.16E-03	4.01E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	3.77E-06	2.07E-06
936	490686.72, 3860985.12	1.21E-03	1.27E-06	7.33E-07	1.74E-07	1.70E-08	1.91E-07	1.19E-03	4.10E-07	1.24E-06	1.37E-08	1.61E-07	1.74E-07	3.76E-06	2.07E-06
937	490736.72, 3860985.12	1.24E-03	1.30E-06	7.51E-07	1.78E-07	1.74E-08	1.96E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	3.75E-06	2.07E-06
938	490786.72, 3860985.12	1.27E-03	1.33E-06	7.70E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	3.74E-06	2.07E-06
939	490836.72, 3860985.12	1.31E-03	1.37E-06	7.92E-07	1.88E-07	1.84E-08	2.07E-07	1.28E-03	4.42E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	3.73E-06	2.07E-06
940	490086.72, 3861035.12	9.30E-04	9.72E-07	5.63E-07	1.34E-07	1.31E-08	1.47E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	3.67E-06	1.97E-06
941	490136.72, 3861035.12	9.47E-04	9.90E-07	5.73E-07	1.36E-07	1.33E-08	1.49E-07	9.23E-04	3.19E-07	9.64E-07	1.07E-08	1.25E-07	1.36E-07	3.65E-06	1.96E-06
942	490186.72, 3861035.12	9.61E-04	1.00E-06	5.82E-07	1.38E-07	1.35E-08	1.52E-07	9.38E-04	3.25E-07	9.81E-07	1.08E-08	1.27E-07	1.38E-07	3.64E-06	1.96E-06
943	490236.72, 3861035.12	9.78E-04	1.02E-06	5.92E-07	1.41E-07	1.37E-08	1.54E-07	9.56E-04	3.31E-07	9.99E-07	1.10E-08	1.29E-07	1.40E-07	3.63E-06	1.96E-06
944	490286.72, 3861035.12	9.94E-04	1.04E-06	6.01E-07	1.43E-07	1.40E-08	1.57E-07	9.71E-04	3.36E-07	1.02E-06	1.12E-08	1.32E-07	1.43E-07	3.61E-06	1.95E-06
945	490336.72, 3861035.12	1.01E-03	1.06E-06	6.12E-07	1.46E-07	1.42E-08	1.60E-07	9.88E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	3.60E-06	1.95E-06
946	490386.72, 3861035.12	1.03E-03	1.08E-06	6.24E-07	1.48E-07	1.45E-08	1.63E-07	1.01E-03	3.49E-07	1.05E-06	1.17E-08	1.37E-07	1.48E-07	3.59E-06	1.95E-06
947	490436.72, 3861035.12	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	1.03E-03	3.56E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	3.58E-06	1.95E-06
948	490486.72, 3861035.12	1.07E-03	1.12E-06	6.48E-07	1.54E-07	1.51E-08	1.69E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	3.57E-06	1.95E-06
949	490536.72, 3861035.12	1.09E-03	1.14E-06	6.61E-07	1.57E-07	1.54E-08	1.72E-07	1.07E-03	3.70E-07	1.12E-06	1.24E-08	1.45E-07	1.57E-07	3.56E-06	1.95E-06
950	490586.72, 3861035.12	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.78E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	3.55E-06	1.95E-06
951	490636.72, 3861035.12	1.14E-03	1.19E-06	6.88E-07	1.64E-07	1.60E-08	1.80E-07	1.12E-03	3.86E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	3.54E-06	1.95E-06
952	490686.72, 3861035.12	1.16E-03	1.22E-06	7.04E-07	1.67E-07	1.64E-08	1.84E-07	1.14E-03	3.94E-07	1.19E-06	1.32E-08	1.54E-07	1.67E-07	3.53E-06	1.95E-06
953	490736.72, 3861035.12	1.19E-03	1.24E-06	7.20E-07	1.71E-07	1.67E-08	1.88E-07	1.17E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	3.52E-06	1.95E-06
954	490786.72, 3861035.12	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.61E-07	1.75E-07	3.52E-06	1.95E-06
955	490836.72, 3861035.12	1.25E-03	1.31E-06	7.57E-07	1.80E-07	1.76E-08	1.97E-07	1.22E-03	4.23E-07	1.28E-06	1.41E-08	1.65E-07	1.80E-07	3.51E-06	1.96E-06
956	490086.72, 3861085.12	9.04E-04	9.45E-07	5.47E-07	1.30E-07	1.27E-08	1.43E-07	8.82E-04	3.05E-07	9.22E-07	1.02E-08	1.19E-07	1.30E-07	3.41E-06	1.84E-06
957	490136.72, 3861085.12	9.19E-04	9.61E-07	5.56E-07	1.32E-07	1.29E-08	1.45E-07	8.96E-04	3.10E-07	9.37E-07	1.04E-08	1.21E-07	1.32E-07	3.41E-06	1.84E-06
958	490186.72, 3861085.12	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.12E-04	3.16E-07	9.53E-07	1.05E-08	1.23E-07	1.34E-07	3.40E-06	1.84E-06
959	490236.72, 3861085.12	9.50E-04	9.93E-07	5.75E-07	1.37E-07	1.34E-08	1.50E-07	9.26E-04	3.20E-07	9.68E-07	1.07E-08	1.25E-07	1.36E-07	3.39E-06	1.84E-06
960	490286.72, 3861085.12	9.65E-04	1.01E-06	5.84E-07	1.39E-07	1.36E-08	1.52E-07	9.41E-04	3.26E-07	9.84E-07	1.09E-08	1.27E-07	1.38E-07	3.37E-06	1.83E-06
961	490336.72, 3861085.12	9.81E-04	1.03E-06	5.94E-07	1.41E-07	1.38E-08	1.55E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	3.37E-06	1.83E-06
962	490386.72, 3861085.12	9.99E-04	1.04E-06	6.04E-07	1.44E-07	1.40E-08	1.58E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	3.36E-06	1.83E-06
963	490436.72, 3861085.12	1.02E-03	1.06E-06	6.15E-07	1.46E-07	1.43E-08	1.61E-07	9.93E-04	3.44E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	3.35E-06	1.83E-06
964	490486.72, 3861085.12	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	3.35E-06	1.83E-06
965	490536.72, 3861085.12	1.06E-03	1.10E-06	6.39E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	3.34E-06	1.84E-06
966	490586.72, 3861085.12	1.08E-03	1.12E-06	6.51E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	3.34E-06	1.84E-06
967	490636.72, 3861085.12	1.10E-03	1.15E-06	6.64E-07	1.58E-07	1.54E-08	1.73E-07	1.07E-03	3.72E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	3.33E-06	1.84E-06
968	490686.72, 3861085.12	1.12E-03	1.17E-06	6.78E-07	1.61E-07	1.57E-08	1.77E-07	1.10E-03	3.80E-07	1.15E-06	1.27E-08	1.48E-07	1.61E-07	3.32E-06	1.84E-06
969	490736.72, 3861085.12	1.14E-03	1.20E-06	6.92E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.88E-07	1.17E-06	1.29E-08	1.52E-07	1.65E-07	3.32E-06	1.84E-06
970	490786.72, 3861085.12	1.17E-03	1.22E-06	7.08E-07	1.68E-07	1.65E-08	1.85E-07	1.15E-03	3.96E-07	1.20E-06	1.32E-08	1.55E-07	1.68E-07	3.31E-06	1.84E-06
971	490836.72, 3861085.12	1.20E-03	1.25E-06	7.25E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.22E-06	1.35E-08	1.59E-07	1.72E-07	3.31E-06	1.85E-06
972	490086.72, 3861135.12	8.80E-04	9.20E-07	5.32E-07	1.27E-07	1.24E-08	1.39E-07	8.57E-04	2.97E-07	8.96E-07	9.91E-09	1.16E-07	1.26E-07	3.19E-06	1.73E-06
973	490136.72, 3861135.12	8.94E-04	9.35E-07	5.41E-07	1.29E-07	1.26E-08	1.41E-07	8.69E-04	3.01E-07	9.09E-07	1.00E-08	1.18E-07	1.28E-07	3.18E-06	1.72E-06
974	490186.72, 3861135.12	9.08E-04	9.49E-07	5.49E-07	1.31E-07	1.28E-08	1.43E-07	8.85E-04	3.06E-07	9.25E-07	1.02E-08	1.20E-07	1.30E-07	3.18E-06	1.72E-06
975	490236.72, 3861135.12	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	3.17E-06	1.73E-06
976	490286.72, 3861135.12	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	9.13E-04	3.16E-07	9.55E-07	1.06E-08	1.24E-07	1.34E-07	3.16E-06	1.72E-06
977	490336.72, 3861135.12	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	3.16E-06	1.72E-06
978	490386.72, 3861135.12	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	3.15E-06	1.73E-06
979	490436.72, 3861135.12	9.86E-04	1.03E-06	5.97E-07	1.42E-07	1.39E-08	1.56E-07	9.62E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.41E-07	3.15E-06	1.73E-06
980	490486.72, 3861135.12	1.00E-03	1.05E-06	6.06E-07	1.44E-07	1.41E-08	1.58E-07	9.81E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	3.14E-06	1.73E-06
981	490536.72, 3861135.12	1.02E-03	1.07E-06	6.18E-07	1.47E-07	1.44E-08	1.61E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	3.14E-06	1.73E-06
982	490586.72, 3861135.12	1.04E-03	1.09E-06	6.29E-07	1.50E-07	1.46E-08	1.64E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.50E-07	3.14E-06	1.73E-06
983	490636.72, 3861135.12	1.06E-03	1.11E-06	6.41E-07	1.52E-07	1.49E-08	1.67E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	3.13E-06	1.73E-06
984	490686.72, 3861135.12	1.08E-03	1.13E-06	6.54E-07	1.55E-07	1.52E-08	1.71E-07	1.06E-03	3.66E-07	1.11E-06	1.22E-08	1.43E-07	1.55E-07	3.13E-06	1.74E-06
985	490736.72, 3861135.12	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.74E-07	1.13E-06	1.25E-08	1.46E-07	1.59E-07	3.13E-06	1.74E-06
986	490786.72, 3861135.12	1.13E-03	1.18E-06	6.81E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	3.13E-06	1.74E-06
987	490836.72, 3861135.12	1.15E-03	1.20E-06	6.97E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	3.13E-06	1.75E-06
988	490086.72, 3861185.12	8.57E-04	8.96E-07	5.19E-07	1.23E-07	1.21E-08	1.35E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	2.99E-06	1.62E-06

989	490136.72, 3861185.12	8.68E-04	9.08E-07	5.25E-07	1.25E-07	1.22E-08	1.37E-07	8.44E-04	2.92E-07	8.83E-07	9.76E-09	1.14E-07	1.24E-07	2.98E-06	1.62E-06
990	490186.72, 3861185.12	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.58E-04	2.97E-07	8.97E-07	9.92E-09	1.16E-07	1.26E-07	2.98E-06	1.62E-06
991	490236.72, 3861185.12	8.96E-04	9.37E-07	5.42E-07	1.29E-07	1.26E-08	1.41E-07	8.73E-04	3.02E-07	9.12E-07	1.01E-08	1.18E-07	1.28E-07	2.97E-06	1.62E-06
992	490286.72, 3861185.12	9.11E-04	9.52E-07	5.51E-07	1.31E-07	1.28E-08	1.44E-07	8.87E-04	3.07E-07	9.27E-07	1.02E-08	1.20E-07	1.30E-07	2.97E-06	1.63E-06
993	490336.72, 3861185.12	9.24E-04	9.66E-07	5.59E-07	1.33E-07	1.30E-08	1.46E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	2.97E-06	1.63E-06
994	490386.72, 3861185.12	9.40E-04	9.83E-07	5.69E-07	1.35E-07	1.32E-08	1.48E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	2.96E-06	1.63E-06
995	490436.72, 3861185.12	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.32E-04	3.23E-07	9.74E-07	1.08E-08	1.26E-07	1.37E-07	2.96E-06	1.63E-06
996	490486.72, 3861185.12	9.71E-04	1.02E-06	5.88E-07	1.40E-07	1.37E-08	1.53E-07	9.49E-04	3.29E-07	9.92E-07	1.10E-08	1.29E-07	1.40E-07	2.96E-06	1.63E-06
997	490536.72, 3861185.12	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	2.96E-06	1.64E-06
998	490586.72, 3861185.12	1.01E-03	1.05E-06	6.09E-07	1.45E-07	1.42E-08	1.59E-07	9.85E-04	3.41E-07	1.03E-06	1.14E-08	1.33E-07	1.45E-07	2.96E-06	1.64E-06
999	490636.72, 3861185.12	1.03E-03	1.07E-06	6.20E-07	1.47E-07	1.44E-08	1.62E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	2.95E-06	1.64E-06
1000	490686.72, 3861185.12	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	2.95E-06	1.64E-06
1001	490736.72, 3861185.12	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.61E-07	1.09E-06	1.21E-08	1.41E-07	1.53E-07	2.95E-06	1.65E-06
1002	490786.72, 3861185.12	1.09E-03	1.14E-06	6.58E-07	1.56E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	2.95E-06	1.65E-06
1003	490836.72, 3861185.12	1.11E-03	1.16E-06	6.72E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	2.95E-06	1.66E-06
1004	490086.72, 3861235.12	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	8.10E-04	2.80E-07	8.46E-07	9.36E-09	1.10E-07	1.19E-07	2.81E-06	1.53E-06
1005	490136.72, 3861235.12	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	2.81E-06	1.53E-06
1006	490186.72, 3861235.12	8.59E-04	8.97E-07	5.20E-07	1.23E-07	1.21E-08	1.36E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	2.80E-06	1.53E-06
1007	490236.72, 3861235.12	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.47E-04	2.93E-07	8.86E-07	9.80E-09	1.15E-07	1.25E-07	2.80E-06	1.53E-06
1008	490386.72, 3861235.12	9.12E-04	9.54E-07	5.52E-07	1.31E-07	1.28E-08	1.44E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	2.79E-06	1.54E-06
1009	490436.72, 3861235.12	9.27E-04	9.69E-07	5.61E-07	1.33E-07	1.30E-08	1.46E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	2.79E-06	1.54E-06
1010	490486.72, 3861235.12	9.42E-04	9.84E-07	5.70E-07	1.35E-07	1.32E-08	1.49E-07	9.20E-04	3.18E-07	9.61E-07	1.06E-08	1.25E-07	1.35E-07	2.79E-06	1.54E-06
1011	490536.72, 3861235.12	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	2.79E-06	1.55E-06
1012	490586.72, 3861235.12	9.76E-04	1.02E-06	5.91E-07	1.40E-07	1.37E-08	1.54E-07	9.54E-04	3.30E-07	9.97E-07	1.10E-08	1.29E-07	1.40E-07	2.79E-06	1.55E-06
1013	490636.72, 3861235.12	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.70E-04	3.36E-07	1.01E-06	1.12E-08	1.31E-07	1.43E-07	2.79E-06	1.55E-06
1014	490686.72, 3861235.12	1.01E-03	1.06E-06	6.11E-07	1.45E-07	1.42E-08	1.59E-07	9.88E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	2.79E-06	1.56E-06
1015	490736.72, 3861235.12	1.03E-03	1.08E-06	6.23E-07	1.48E-07	1.45E-08	1.63E-07	1.01E-03	3.49E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	2.79E-06	1.56E-06
1016	490786.72, 3861235.12	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	1.03E-03	3.56E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	2.79E-06	1.57E-06
1017	490836.72, 3861235.12	1.07E-03	1.12E-06	6.49E-07	1.54E-07	1.51E-08	1.69E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	2.80E-06	1.57E-06
1018	490086.72, 3861285.12	8.13E-04	8.50E-07	4.92E-07	1.17E-07	1.14E-08	1.28E-07	7.90E-04	2.73E-07	8.25E-07	9.13E-09	1.07E-07	1.16E-07	2.65E-06	1.45E-06
1019	490136.72, 3861285.12	8.26E-04	8.63E-07	5.00E-07	1.19E-07	1.16E-08	1.30E-07	8.00E-04	2.77E-07	8.37E-07	9.25E-09	1.08E-07	1.18E-07	2.65E-06	1.45E-06
1020	490186.72, 3861285.12	8.36E-04	8.74E-07	5.06E-07	1.20E-07	1.18E-08	1.32E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	2.65E-06	1.45E-06
1021	490236.72, 3861285.12	8.49E-04	8.87E-07	5.14E-07	1.22E-07	1.19E-08	1.34E-07	8.24E-04	2.85E-07	8.61E-07	9.52E-09	1.12E-07	1.21E-07	2.65E-06	1.46E-06
1022	490386.72, 3861285.12	8.86E-04	9.26E-07	5.36E-07	1.27E-07	1.25E-08	1.40E-07	8.63E-04	2.99E-07	9.02E-07	9.98E-09	1.17E-07	1.27E-07	2.64E-06	1.46E-06
1023	490436.72, 3861285.12	9.01E-04	9.42E-07	5.45E-07	1.30E-07	1.27E-08	1.42E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	2.64E-06	1.46E-06
1024	490486.72, 3861285.12	9.16E-04	9.57E-07	5.54E-07	1.32E-07	1.29E-08	1.45E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	2.64E-06	1.47E-06
1025	490536.72, 3861285.12	9.30E-04	9.72E-07	5.63E-07	1.34E-07	1.31E-08	1.47E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	2.64E-06	1.47E-06
1026	490586.72, 3861285.12	9.47E-04	9.90E-07	5.73E-07	1.36E-07	1.33E-08	1.49E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	2.64E-06	1.47E-06
1027	490636.72, 3861285.12	9.61E-04	1.00E-06	5.82E-07	1.38E-07	1.35E-08	1.52E-07	9.40E-04	3.25E-07	9.82E-07	1.09E-08	1.27E-07	1.38E-07	2.64E-06	1.47E-06
1028	490686.72, 3861285.12	9.79E-04	1.02E-06	5.93E-07	1.41E-07	1.38E-08	1.55E-07	9.56E-04	3.31E-07	9.99E-07	1.10E-08	1.29E-07	1.40E-07	2.64E-06	1.48E-06
1029	490736.72, 3861285.12	9.97E-04	1.04E-06	6.03E-07	1.43E-07	1.40E-08	1.57E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	2.65E-06	1.49E-06
1030	490786.72, 3861285.12	1.02E-03	1.06E-06	6.14E-07	1.46E-07	1.43E-08	1.60E-07	9.93E-04	3.44E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	2.65E-06	1.49E-06
1031	490836.72, 3861285.12	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	2.65E-06	1.49E-06
1032	490061.24, 3859716.13	8.83E-03	9.23E-06	5.34E-06	1.27E-06	1.24E-07	1.39E-06	8.55E-03	2.96E-06	8.94E-06	9.89E-08	1.16E-06	1.26E-06	1.72E-05	1.01E-05
1033	490111.24, 3859716.13	1.07E-02	1.12E-05	6.49E-06	1.54E-06	1.51E-07	1.69E-06	1.04E-02	3.59E-06	1.08E-05	1.20E-07	1.40E-06	1.52E-06	1.81E-05	1.09E-05
1034	490161.24, 3859716.13	1.34E-02	1.41E-05	8.14E-06	1.93E-06	1.89E-07	2.12E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	1.96E-05	1.22E-05
1035	490211.24, 3859716.13	1.75E-02	1.83E-05	1.06E-05	2.52E-06	2.47E-07	2.77E-06	1.70E-02	5.87E-06	1.77E-05	1.96E-07	2.30E-06	2.49E-06	2.19E-05	1.41E-05
1036	490061.24, 3859766.13	6.18E-03	6.46E-06	3.74E-06	8.89E-07	8.70E-08	9.76E-07	6.02E-03	2.08E-06	6.29E-06	6.96E-08	8.15E-07	8.84E-07	1.54E-05	8.73E-06
1037	490111.24, 3859766.13	7.06E-03	7.38E-06	4.27E-06	1.02E-06	9.93E-08	1.11E-06	6.86E-03	2.37E-06	7.17E-06	7.93E-08	9.29E-07	1.01E-06	1.57E-05	9.05E-06
1038	490161.24, 3859766.13	8.18E-03	8.55E-06	4.95E-06	1.18E-06	1.15E-07	1.29E-06	7.93E-03	2.75E-06	8.29E-06	9.17E-08	1.07E-06	1.17E-06	1.62E-05	9.50E-06
1039	490211.24, 3859766.13	9.69E-03	1.01E-05	5.86E-06	1.39E-06	1.36E-07	1.53E-06	9.40E-03	3.26E-06	9.83E-06	1.09E-07	1.27E-06	1.38E-06	1.69E-05	1.01E-05
1040	490061.24, 3859816.13	4.77E-03	4.98E-06	2.88E-06	6.85E-07	6.70E-08	7.52E-07	4.65E-03	1.61E-06	4.86E-06	5.38E-08	6.30E-07	6.84E-07	1.44E-05	7.96E-06
1041	490111.24, 3859816.13	5.26E-03	5.50E-06	3.18E-06	7.56E-07	7.39E-08	8.30E-07	5.13E-03	1.77E-06	5.36E-06	5.92E-08	6.94E-07	7.53E-07	1.45E-05	8.08E-06
1042	490161.24, 3859816.13	5.86E-03	6.12E-06	3.54E-06	8.42E-07	8.24E-08	9.25E-07	5.71E-03	1.98E-06	5.96E-06	6.60E-08	7.73E-07	8.39E-07	1.46E-05	8.27E-06
1043	490211.24, 3859816.13	6.60E-03	6.90E-06	3.99E-06	9.49E-07	9.28E-08	1.04E-06	6.42E-03	2.22E-06	6.71E-06	7.42E-08	8.70E-07	9.44E-07	1.48E-05	8.53E-06
1044	490061.24, 3859866.13	3.89E-03	4.07E-06	2.36E-06	5.60E-07	5.47E-08	6.15E-07	3.81E-03	1.32E-06	3.98E-06	4.40E-08	5.15E-07	5.60E-07	1.38E-05	7.46E-06
1045	490111.24, 3859866.13	4.21E-03	4.40E-06	2.55E-06	6.06E-07	5.92E-08	6.65E-07	4.11E-03	1.42E-06	4.30E-06	4.76E-08	5.57E-07	6.05E-07	1.37E-05	7.49E-06
1046	490161.24, 3859866.13	4.58E-03	4.79E-06	2.77E-06	6.59E-07	6.45E-08	7.24E-07	4.48E-03	1.55E-06	4.68E-06	5.17E-08	6.06E-07	6.58E-07	1.37E-05	7.56E-06
1047	490211.24, 3859866.13	5.02E-03	5.25E-06	3.04E-06	7.22E-07	7.06E-08	7.93E-07	4.90E-03	1.70E-06	5.12E-06	5.67E-08	6.64E-07	7.20E-07	1.37E-05	7.67E-06
1048	490061.24, 3859916.13	3.30E-03	3.45E-06	2.00E-06	4.75E-07	4.65E-08	5.22E-07	3.23E-03	1.12E-06	3.38E-06	3.74E-08	4.38E-07	4.75E-07	1.33E-05	7.11E-06
1049	490111.24, 3859916.13	3.53E-03	3.69E-06	2.13E-06	5.07E-07	4.96E-08	5.57E-07	3.45E-03	1.19E-06	3.61E-06	3.99E-08	4.67E-07	5.07E-07	1.31E-05	7.08E-06
1050	490161.24, 3859916.13	3.78E-03	3.95E-06	2.29E-06	5.44E-07	5.32E-08	5.97E-07	3.70E-03	1.28E-06	3.86E-06	4.27E-08	5.00E-07	5.43E-07	1.30E-05	7.08E-06

1051	490211.24, 3859916.13	4.06E-03	4.25E-06	2.46E-06	5.84E-07	5.72E-08	6.42E-07	3.97E-03	1.38E-06	4.15E-06	4.59E-08	5.38E-07	5.84E-07	1.29E-05	7.10E-06
1052	490229.25, 3859815.26	6.96E-03	7.28E-06	4.21E-06	1.00E-06	9.79E-08	1.10E-06	6.78E-03	2.35E-06	7.08E-06	7.83E-08	9.18E-07	9.96E-07	1.50E-05	8.67E-06
1053	490279.25, 3859815.26	8.01E-03	8.37E-06	4.84E-06	1.15E-06	1.13E-07	1.26E-06	7.79E-03	2.70E-06	8.15E-06	9.01E-08	1.06E-06	1.15E-06	1.54E-05	9.09E-06
1054	490329.25, 3859815.26	9.39E-03	9.81E-06	5.68E-06	1.35E-06	1.32E-07	1.48E-06	9.15E-03	3.17E-06	9.56E-06	1.06E-07	1.24E-06	1.34E-06	1.61E-05	9.68E-06
1055	490379.25, 3859815.26	1.14E-02	1.19E-05	6.89E-06	1.64E-06	1.60E-07	1.80E-06	1.11E-02	3.85E-06	1.16E-05	1.29E-07	1.51E-06	1.63E-06	1.71E-05	1.06E-05
1056	490429.25, 3859815.26	1.44E-02	1.51E-05	8.73E-06	2.08E-06	2.03E-07	2.28E-06	1.42E-02	4.91E-06	1.48E-05	1.64E-07	1.92E-06	2.08E-06	1.88E-05	1.20E-05
1057	490229.25, 3859865.26	5.22E-03	5.46E-06	3.16E-06	7.51E-07	7.35E-08	8.25E-07	5.10E-03	1.76E-06	5.33E-06	5.89E-08	6.90E-07	7.49E-07	1.38E-05	7.73E-06
1058	490279.25, 3859865.26	5.79E-03	6.05E-06	3.50E-06	8.32E-07	8.14E-08	9.13E-07	5.65E-03	1.95E-06	5.90E-06	6.53E-08	7.65E-07	8.30E-07	1.39E-05	7.90E-06
1059	490329.25, 3859865.26	6.48E-03	6.78E-06	3.92E-06	9.32E-07	9.12E-08	1.02E-06	6.33E-03	2.19E-06	6.61E-06	7.31E-08	8.57E-07	9.30E-07	1.41E-05	8.15E-06
1060	490379.25, 3859865.26	7.38E-03	7.72E-06	4.47E-06	1.06E-06	1.04E-07	1.17E-06	7.21E-03	2.50E-06	7.54E-06	8.34E-08	9.76E-07	1.06E-06	1.45E-05	8.51E-06
1061	490429.25, 3859865.26	8.57E-03	8.96E-06	5.19E-06	1.23E-06	1.21E-07	1.35E-06	8.39E-03	2.90E-06	8.77E-06	9.70E-08	1.14E-06	1.23E-06	1.50E-05	9.02E-06
1062	490229.25, 3859915.26	4.19E-03	4.38E-06	2.54E-06	6.03E-07	5.90E-08	6.62E-07	4.10E-03	1.42E-06	4.28E-06	4.74E-08	5.55E-07	6.03E-07	1.29E-05	7.13E-06
1063	490279.25, 3859915.26	4.54E-03	4.74E-06	2.75E-06	6.53E-07	6.38E-08	7.17E-07	4.44E-03	1.54E-06	4.64E-06	5.13E-08	6.01E-07	6.52E-07	1.29E-05	7.19E-06
1064	490329.25, 3859915.26	4.96E-03	5.18E-06	3.00E-06	7.13E-07	6.97E-08	7.82E-07	4.84E-03	1.68E-06	5.06E-06	5.60E-08	6.56E-07	7.12E-07	1.30E-05	7.30E-06
1065	490379.25, 3859915.26	5.46E-03	5.71E-06	3.30E-06	7.85E-07	7.68E-08	8.62E-07	5.34E-03	1.85E-06	5.58E-06	6.17E-08	7.23E-07	7.84E-07	1.31E-05	7.46E-06
1066	490429.25, 3859915.26	6.08E-03	6.35E-06	3.68E-06	8.74E-07	8.54E-08	9.59E-07	5.94E-03	2.06E-06	6.21E-06	6.87E-08	8.04E-07	8.73E-07	1.33E-05	7.68E-06
1067	490451.43, 3859872.59	8.66E-03	9.05E-06	5.24E-06	1.24E-06	1.22E-07	1.37E-06	8.48E-03	2.93E-06	8.86E-06	9.80E-08	1.15E-06	1.25E-06	1.50E-05	9.02E-06
1068	490501.43, 3859872.59	1.04E-02	1.08E-05	6.27E-06	1.49E-06	1.46E-07	1.64E-06	1.02E-02	3.53E-06	1.06E-05	1.18E-07	1.38E-06	1.50E-06	1.59E-05	9.79E-06
1069	490551.43, 3859872.59	1.30E-02	1.36E-05	7.85E-06	1.87E-06	1.82E-07	2.05E-06	1.28E-02	4.44E-06	1.34E-05	1.48E-07	1.74E-06	1.89E-06	1.73E-05	1.10E-05
1070	490601.43, 3859872.59	1.71E-02	1.78E-05	1.03E-05	2.45E-06	2.40E-07	2.69E-06	1.71E-02	5.91E-06	1.78E-05	1.97E-07	2.31E-06	2.51E-06	1.96E-05	1.30E-05
1071	490451.43, 3859922.59	6.12E-03	6.40E-06	3.70E-06	8.80E-07	8.61E-08	9.67E-07	5.99E-03	2.07E-06	6.26E-06	6.92E-08	8.11E-07	8.80E-07	1.32E-05	7.66E-06
1072	490501.43, 3859922.59	6.93E-03	7.24E-06	4.19E-06	9.96E-07	9.74E-08	1.09E-06	6.78E-03	2.35E-06	7.09E-06	7.84E-08	9.19E-07	9.97E-07	1.36E-05	7.99E-06
1073	490551.43, 3859922.59	8.02E-03	8.38E-06	4.85E-06	1.15E-06	1.13E-07	1.27E-06	7.87E-03	2.73E-06	8.23E-06	9.10E-08	1.07E-06	1.16E-06	1.42E-05	8.48E-06
1074	490601.43, 3859922.59	9.53E-03	9.96E-06	5.76E-06	1.37E-06	1.34E-07	1.50E-06	9.40E-03	3.25E-06	9.82E-06	1.09E-07	1.27E-06	1.38E-06	1.50E-05	9.18E-06
1075	482129.67, 3852241.07	1.17E-02	1.23E-05	7.09E-06	1.69E-06	1.65E-07	1.85E-06	1.12E-02	3.87E-06	1.17E-05	1.29E-07	1.51E-06	1.64E-06	9.87E-06	7.09E-06
1076	482029.67, 3852291.07	2.18E-02	2.28E-05	1.32E-05	3.14E-06	3.07E-07	3.45E-06	2.09E-02	7.23E-06	2.18E-05	2.41E-07	2.83E-06	3.07E-06	1.72E-05	1.26E-05
1077	482079.67, 3852291.07	1.69E-02	1.77E-05	1.03E-05	2.44E-06	2.38E-07	2.67E-06	1.62E-02	5.61E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.36E-05	9.94E-06
1078	482129.67, 3852291.07	1.38E-02	1.44E-05	8.34E-06	1.98E-06	1.94E-07	2.18E-06	1.32E-02	4.56E-06	1.38E-05	1.52E-07	1.78E-06	1.93E-06	1.14E-05	8.23E-06
1079	482179.67, 3852291.07	1.15E-02	1.20E-05	6.94E-06	1.65E-06	1.61E-07	1.81E-06	1.09E-02	3.79E-06	1.14E-05	1.27E-07	1.48E-06	1.61E-06	9.81E-06	7.01E-06
1080	482229.67, 3852291.07	9.73E-03	1.02E-05	5.88E-06	1.40E-06	1.37E-07	1.54E-06	9.27E-03	3.21E-06	9.69E-06	1.07E-07	1.26E-06	1.36E-06	8.67E-06	6.12E-06
1081	482029.67, 3852341.07	3.00E-02	3.14E-05	1.82E-05	4.32E-06	4.22E-07	4.74E-06	2.88E-02	9.97E-06	3.01E-05	3.33E-07	3.90E-06	4.23E-06	2.32E-05	1.72E-05
1082	482079.67, 3852341.07	2.16E-02	2.26E-05	1.31E-05	3.11E-06	3.04E-07	3.41E-06	2.07E-02	7.16E-06	2.16E-05	2.39E-07	2.80E-06	3.04E-06	1.71E-05	1.26E-05
1083	482129.67, 3852341.07	1.68E-02	1.76E-05	1.02E-05	2.42E-06	2.36E-07	2.65E-06	1.61E-02	5.56E-06	1.68E-05	1.86E-07	2.18E-06	2.36E-06	1.36E-05	9.90E-06
1084	482179.67, 3852341.07	1.36E-02	1.42E-05	8.24E-06	1.96E-06	1.92E-07	2.15E-06	1.30E-02	4.50E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	1.13E-05	8.18E-06
1085	482259.06, 3852400.14	1.29E-02	1.34E-05	7.78E-06	1.85E-06	1.81E-07	2.03E-06	1.23E-02	4.25E-06	1.28E-05	1.42E-07	1.66E-06	1.80E-06	1.08E-05	7.74E-06
1086	482309.06, 3852400.14	1.06E-02	1.11E-05	6.43E-06	1.53E-06	1.49E-07	1.68E-06	1.01E-02	3.51E-06	1.06E-05	1.17E-07	1.37E-06	1.49E-06	9.34E-06	6.62E-06
1087	482209.06, 3852450.14	1.92E-02	2.01E-05	1.16E-05	2.77E-06	2.70E-07	3.04E-06	1.84E-02	6.36E-06	1.92E-05	2.12E-07	2.49E-06	2.70E-06	1.54E-05	1.13E-05
1088	482259.06, 3852450.14	1.53E-02	1.60E-05	9.28E-06	2.21E-06	2.16E-07	2.42E-06	1.47E-02	5.07E-06	1.53E-05	1.69E-07	1.98E-06	2.15E-06	1.26E-05	9.13E-06
1089	482309.06, 3852450.14	1.25E-02	1.31E-05	7.59E-06	1.80E-06	1.76E-07	1.98E-06	1.20E-02	4.14E-06	1.25E-05	1.38E-07	1.62E-06	1.76E-06	1.07E-05	7.65E-06
1090	482209.06, 3852500.14	2.53E-02	2.64E-05	1.53E-05	3.64E-06	3.56E-07	3.99E-06	2.42E-02	8.38E-06	2.53E-05	2.80E-07	3.28E-06	3.56E-06	2.00E-05	1.47E-05
1091	482259.06, 3852500.14	1.90E-02	1.99E-05	1.15E-05	2.74E-06	2.68E-07	3.01E-06	1.82E-02	6.30E-06	1.90E-05	2.11E-07	2.47E-06	2.68E-06	1.54E-05	1.12E-05
1092	482309.06, 3852500.14	1.51E-02	1.58E-05	9.13E-06	2.17E-06	2.12E-07	2.38E-06	1.44E-02	4.99E-06	1.51E-05	1.67E-07	1.95E-06	2.12E-06	1.26E-05	9.06E-06
1093	482283.91, 3852513.62	1.80E-02	1.88E-05	1.09E-05	2.58E-06	2.52E-07	2.83E-06	1.72E-02	5.94E-06	1.79E-05	1.98E-07	2.32E-06	2.52E-06	1.46E-05	1.06E-05
1094	482333.91, 3852513.62	1.44E-02	1.51E-05	8.72E-06	2.07E-06	2.03E-07	2.28E-06	1.38E-02	4.77E-06	1.44E-05	1.59E-07	1.87E-06	2.02E-06	1.21E-05	8.70E-06
1095	482283.91, 3852563.62	2.33E-02	2.43E-05	1.41E-05	3.35E-06	3.27E-07	3.67E-06	2.23E-02	7.70E-06	2.33E-05	2.57E-07	3.01E-06	3.27E-06	1.86E-05	1.36E-05
1096	482333.91, 3852563.62	1.79E-02	1.87E-05	1.08E-05	2.57E-06	2.51E-07	2.82E-06	1.71E-02	5.91E-06	1.78E-05	1.97E-07	2.31E-06	2.51E-06	1.46E-05	1.06E-05
1097	482383.91, 3852563.62	1.44E-02	1.51E-05	8.73E-06	2.08E-06	2.03E-07	2.28E-06	1.38E-02	4.77E-06	1.44E-05	1.59E-07	1.87E-06	2.03E-06	1.21E-05	8.72E-06
1098	482283.91, 3852613.62	3.22E-02	3.37E-05	1.95E-05	4.64E-06	4.53E-07	5.09E-06	3.09E-02	1.07E-05	3.23E-05	3.57E-07	4.18E-06	4.54E-06	2.54E-05	1.86E-05
1099	482333.91, 3852613.62	2.30E-02	2.41E-05	1.39E-05	3.31E-06	3.24E-07	3.63E-06	2.20E-02	7.63E-06	2.30E-05	2.55E-07	2.98E-06	3.24E-06	1.86E-05	1.35E-05
1100	482383.91, 3852613.62	1.78E-02	1.86E-05	1.07E-05	2.55E-06	2.50E-07	2.80E-06	1.70E-02	5.88E-06	1.77E-05	1.96E-07	2.30E-06	2.50E-06	1.46E-05	1.06E-05
1101	482602.38, 3852600.87	8.08E-03	8.45E-06	4.89E-06	1.16E-06	1.14E-07	1.28E-06	7.70E-03	2.67E-06	8.05E-06	8.91E-08	1.04E-06	1.13E-06	7.87E-06	5.41E-06
1102	482652.38, 3852600.87	7.24E-03	7.56E-06	4.38E-06	1.04E-06	1.02E-07	1.14E-06	6.88E-03	2.38E-06	7.19E-06	7.95E-08	9.31E-07	1.01E-06	7.27E-06	4.95E-06
1103	482702.38, 3852600.87	6.35E-03	6.63E-06	3.84E-06	9.13E-07	8.93E-08	1.00E-06	6.01E-03	2.08E-06	6.28E-06	6.94E-08	8.14E-07	8.83E-07	6.72E-06	4.50E-06
1104	482552.38, 3852650.87	1.06E-02	1.11E-05	6.42E-06	1.53E-06	1.49E-07	1.68E-06	1.01E-02	3.51E-06	1.06E-05	1.17E-07	1.37E-06	1.49E-06	9.68E-06	6.79E-06
1105	482602.38, 3852650.87	9.17E-03	9.58E-06	5.55E-06	1.32E-06	1.29E-07	1.45E-06	8.75E-03	3.03E-06	9.14E-06	1.01E-07	1.18E-06	1.29E-06	8.68E-06	6.01E-06
1106	482652.38, 3852650.87	8.13E-03	8.49E-06	4.92E-06	1.17E-06	1.14E-07	1.28E-06	7.73E-03	2.68E-06	8.08E-06	8.94E-08	1.05E-06	1.14E-06	7.92E-06	5.44E-06
1107	482702.38, 3852650.87	7.29E-03	7.62E-06	4.41E-06	1.05E-06	1.03E-07	1.15E-06	6.92E-03	2.39E-06	7.23E-06	7.99E-08	9.37E-07	1.02E-06	7.32E-06	4.98E-06
1108	482552.38, 3852700.87	1.25E-02	1.30E-05	7.55E-06	1.80E-06	1.76E-07	1.97E-06	1.19E-02	4.13E-06	1.25E-05	1.38E-07	1.62E-06	1.75E-06	1.11E-05	7.83E-06
1109	482602.38, 3852700.87	1.07E-02	1.12E-05	6.47E-06	1.54E-06	1.50E-07	1.69E-06	1.02E-02	3.53E-06	1.07E-05	1.18E-07	1.38E-06	1.50E-06	9.77E-06	6.84E-06
1110	482652.38, 3852700.87	9.47E-03	9.90E-06	5.73E-06	1.36E-06	1.33E-07	1.50E-06	9.02E-03	3.12E-06	9.43E-06	1.04E-07	1.22E-06	1.33E-06	8.82E-06	6.14E-06
1111	482702.38, 3852700.87	8.28E-03	8.65E-06	5.01E-06	1.19E-06	1.16E-07	1.31E-06	7.86E-03	2.72E-06	8.22E-06	9.09E-08	1.06E-06	1.16E-06	8.01E-06	5.51E-06
1112	482452.38, 3852750.87	2.51E-02	2.62E-05	1.52E-05	3.60E-06	3.52E-07	3.96E-06	2.40E-02	8.31E-06	2.51E-05	2.77E-07	3.25E-06	3.53E-06	2.06E-05	1.49E-05

1113	482521.29, 3852749.74	1.71E-02	1.79E-05	1.03E-05	2.46E-06	2.40E-07	2.70E-06	1.63E-02	5.66E-06	1.71E-05	1.89E-07	2.21E-06	2.40E-06	1.46E-05	1.04E-05
1114	482571.29, 3852749.74	1.39E-02	1.45E-05	8.41E-06	2.00E-06	1.95E-07	2.19E-06	1.33E-02	4.60E-06	1.39E-05	1.54E-07	1.80E-06	1.95E-06	1.22E-05	8.65E-06
1115	482521.29, 3852799.74	2.20E-02	2.30E-05	1.33E-05	3.16E-06	3.09E-07	3.47E-06	2.10E-02	7.28E-06	2.20E-05	2.43E-07	2.85E-06	3.09E-06	1.84E-05	1.33E-05
1116	482571.29, 3852799.74	1.70E-02	1.78E-05	1.03E-05	2.45E-06	2.39E-07	2.69E-06	1.63E-02	5.64E-06	1.70E-05	1.88E-07	2.21E-06	2.39E-06	1.47E-05	1.05E-05
1117	482621.29, 3852799.74	1.38E-02	1.45E-05	8.37E-06	1.99E-06	1.94E-07	2.18E-06	1.32E-02	4.57E-06	1.38E-05	1.53E-07	1.79E-06	1.94E-06	1.23E-05	8.68E-06
1118	482571.29, 3852849.74	2.17E-02	2.27E-05	1.31E-05	3.12E-06	3.05E-07	3.42E-06	2.08E-02	7.19E-06	2.17E-05	2.40E-07	2.81E-06	3.05E-06	1.85E-05	1.33E-05
1119	482621.29, 3852849.74	1.67E-02	1.75E-05	1.01E-05	2.41E-06	2.35E-07	2.64E-06	1.60E-02	5.54E-06	1.67E-05	1.85E-07	2.17E-06	2.35E-06	1.48E-05	1.05E-05
1120	482577.42, 3852901.55	2.86E-02	2.99E-05	1.73E-05	4.11E-06	4.02E-07	4.51E-06	2.74E-02	9.49E-06	2.87E-05	3.17E-07	3.71E-06	4.03E-06	2.45E-05	1.75E-05
1121	482627.42, 3852901.55	2.06E-02	2.15E-05	1.25E-05	2.96E-06	2.90E-07	3.25E-06	1.97E-02	6.83E-06	2.06E-05	2.28E-07	2.67E-06	2.90E-06	1.83E-05	1.29E-05
1122	482629.96, 3852955.85	2.80E-02	2.93E-05	1.70E-05	4.03E-06	3.94E-07	4.42E-06	2.68E-02	9.29E-06	2.80E-05	3.10E-07	3.63E-06	3.94E-06	2.50E-05	1.76E-05
1123	482679.96, 3852955.85	2.01E-02	2.10E-05	1.22E-05	2.89E-06	2.83E-07	3.18E-06	1.92E-02	6.64E-06	2.00E-05	2.22E-07	2.60E-06	2.82E-06	1.86E-05	1.30E-05
1124	482781.63, 3853034.48	1.50E-02	1.57E-05	9.09E-06	2.16E-06	2.11E-07	2.37E-06	1.41E-02	4.89E-06	1.48E-05	1.63E-07	1.91E-06	2.08E-06	1.56E-05	1.05E-05
1125	482831.63, 3853034.48	1.21E-02	1.27E-05	7.33E-06	1.74E-06	1.70E-07	1.91E-06	1.14E-02	3.94E-06	1.19E-05	1.32E-07	1.54E-06	1.67E-06	1.30E-05	8.65E-06
1126	482881.63, 3853034.48	1.01E-02	1.05E-05	6.09E-06	1.45E-06	1.42E-07	1.59E-06	9.44E-03	3.27E-06	9.86E-06	1.09E-07	1.28E-06	1.39E-06	1.12E-05	7.38E-06
1127	482781.63, 3853084.48	1.70E-02	1.77E-05	1.03E-05	2.44E-06	2.39E-07	2.68E-06	1.60E-02	5.53E-06	1.67E-05	1.85E-07	2.16E-06	2.35E-06	1.79E-05	1.20E-05
1128	482831.63, 3853084.48	1.33E-02	1.39E-05	8.07E-06	1.92E-06	1.88E-07	2.11E-06	1.25E-02	4.34E-06	1.31E-05	1.45E-07	1.70E-06	1.84E-06	1.45E-05	9.62E-06
1129	482881.63, 3853084.48	1.10E-02	1.15E-05	6.66E-06	1.58E-06	1.55E-07	1.74E-06	1.03E-02	3.58E-06	1.08E-05	1.19E-07	1.40E-06	1.52E-06	1.23E-05	8.11E-06
1130	482781.63, 3853134.48	1.98E-02	2.06E-05	1.20E-05	2.84E-06	2.78E-07	3.12E-06	1.86E-02	6.45E-06	1.95E-05	2.15E-07	2.52E-06	2.74E-06	2.07E-05	1.39E-05
1131	482831.63, 3853134.48	1.50E-02	1.57E-05	9.06E-06	2.15E-06	2.11E-07	2.36E-06	1.41E-02	4.88E-06	1.47E-05	1.63E-07	1.91E-06	2.07E-06	1.62E-05	1.08E-05
1132	482881.63, 3853134.48	1.21E-02	1.27E-05	7.33E-06	1.74E-06	1.70E-07	1.91E-06	1.14E-02	3.94E-06	1.19E-05	1.32E-07	1.54E-06	1.67E-06	1.35E-05	8.92E-06
1133	482831.63, 3853184.48	1.72E-02	1.79E-05	1.04E-05	2.47E-06	2.42E-07	2.71E-06	1.62E-02	5.60E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.85E-05	1.23E-05
1134	482881.63, 3853184.48	1.35E-02	1.41E-05	8.15E-06	1.94E-06	1.89E-07	2.13E-06	1.27E-02	4.38E-06	1.32E-05	1.46E-07	1.71E-06	1.86E-06	1.50E-05	9.90E-06
1135	484154.84, 3854250.98	5.45E-03	5.69E-06	3.30E-06	7.83E-07	7.66E-08	8.60E-07	1.96E-03	6.78E-07	2.05E-06	2.27E-08	2.65E-07	2.88E-07	1.73E-05	9.11E-06
1136	484204.84, 3854250.98	5.15E-03	5.38E-06	3.12E-06	7.41E-07	7.24E-08	8.13E-07	1.90E-03	6.57E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	1.67E-05	8.78E-06
1137	484154.84, 3854300.98	5.97E-03	6.24E-06	3.61E-06	8.59E-07	8.40E-08	9.43E-07	1.94E-03	6.72E-07	2.03E-06	2.24E-08	2.63E-07	2.85E-07	1.89E-05	9.89E-06
1138	484204.84, 3854300.98	5.66E-03	5.92E-06	3.43E-06	8.14E-07	7.96E-08	8.94E-07	1.89E-03	6.55E-07	1.98E-06	2.19E-08	2.56E-07	2.78E-07	1.81E-05	9.49E-06
1139	484074.19, 3854519.8	1.53E-02	1.60E-05	9.25E-06	2.20E-06	2.15E-07	2.41E-06	2.14E-03	7.42E-07	2.24E-06	2.48E-08	2.90E-07	3.15E-07	3.42E-05	1.81E-05
1140	484124.19, 3854519.8	1.29E-02	1.35E-05	7.80E-06	1.85E-06	1.81E-07	2.03E-06	2.06E-03	7.13E-07	2.15E-06	2.38E-08	2.79E-07	3.03E-07	3.14E-05	1.66E-05
1141	484074.19, 3854569.8	2.13E-02	2.22E-05	1.29E-05	3.06E-06	2.99E-07	3.36E-06	2.20E-03	7.60E-07	2.30E-06	2.54E-08	2.97E-07	3.23E-07	4.12E-05	2.20E-05
1142	484124.19, 3854569.8	1.69E-02	1.76E-05	1.02E-05	2.42E-06	2.37E-07	2.66E-06	2.10E-03	7.26E-07	2.19E-06	2.42E-08	2.84E-07	3.08E-07	3.69E-05	1.96E-05
1143	485205.11, 3855188.89	1.22E-02	1.27E-05	7.37E-06	1.75E-06	1.71E-07	1.92E-06	1.97E-03	6.83E-07	2.06E-06	2.28E-08	2.67E-07	2.90E-07	3.53E-05	1.84E-05
1144	485255.11, 3855188.89	1.04E-02	1.09E-05	6.32E-06	1.50E-06	1.47E-07	1.65E-06	1.90E-03	6.59E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	3.31E-05	1.72E-05
1145	485205.11, 3855238.89	1.41E-02	1.48E-05	8.54E-06	2.03E-06	1.98E-07	2.23E-06	2.02E-03	6.98E-07	2.11E-06	2.33E-08	2.73E-07	2.97E-07	3.93E-05	2.05E-05
1146	485255.11, 3855238.89	1.20E-02	1.25E-05	7.24E-06	1.72E-06	1.68E-07	1.89E-06	1.97E-03	6.82E-07	2.06E-06	2.28E-08	2.67E-07	2.89E-07	3.61E-05	1.88E-05
1147	485205.11, 3855288.89	1.84E-02	1.92E-05	1.11E-05	2.64E-06	2.58E-07	2.90E-06	2.14E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	4.42E-05	2.33E-05
1148	485255.11, 3855288.89	1.47E-02	1.54E-05	8.89E-06	2.11E-06	2.07E-07	2.32E-06	2.07E-03	7.17E-07	2.16E-06	2.39E-08	2.80E-07	3.04E-07	3.97E-05	2.08E-05
1149	485255.11, 3855338.89	1.88E-02	1.97E-05	1.14E-05	2.70E-06	2.65E-07	2.97E-06	2.18E-03	7.56E-07	2.28E-06	2.52E-08	2.96E-07	3.21E-07	4.51E-05	2.37E-05
1150	485305.11, 3855338.89	1.50E-02	1.57E-05	9.10E-06	2.16E-06	2.11E-07	2.37E-06	2.11E-03	7.30E-07	2.21E-06	2.44E-08	2.86E-07	3.10E-07	4.03E-05	2.11E-05
1151	485852.5, 3855635.28	7.90E-03	8.25E-06	4.78E-06	1.14E-06	1.11E-07	1.25E-06	2.01E-03	6.96E-07	2.10E-06	2.32E-08	2.72E-07	2.95E-07	3.06E-05	1.58E-05
1152	485902.5, 3855635.28	7.12E-03	7.44E-06	4.31E-06	1.02E-06	1.00E-07	1.12E-06	1.95E-03	6.74E-07	2.04E-06	2.25E-08	2.64E-07	2.86E-07	2.92E-05	1.50E-05
1153	485852.5, 3855685.28	8.79E-03	9.19E-06	5.32E-06	1.26E-06	1.24E-07	1.39E-06	2.08E-03	7.20E-07	2.17E-06	2.40E-08	2.82E-07	3.06E-07	3.26E-05	1.69E-05
1154	485902.5, 3855685.28	7.84E-03	8.19E-06	4.74E-06	1.13E-06	1.10E-07	1.24E-06	2.01E-03	6.96E-07	2.10E-06	2.32E-08	2.72E-07	2.95E-07	3.10E-05	1.60E-05
1155	485852.5, 3855735.28	9.93E-03	1.04E-05	6.01E-06	1.43E-06	1.40E-07	1.57E-06	2.15E-03	7.45E-07	2.25E-06	2.49E-08	2.91E-07	3.16E-07	3.51E-05	1.82E-05
1156	485902.5, 3855735.28	8.78E-03	9.17E-06	5.31E-06	1.26E-06	1.23E-07	1.39E-06	2.09E-03	7.23E-07	2.18E-06	2.41E-08	2.83E-07	3.07E-07	3.31E-05	1.70E-05
1157	485852.5, 3855785.28	1.15E-02	1.20E-05	6.96E-06	1.65E-06	1.62E-07	1.82E-06	2.24E-03	7.75E-07	2.34E-06	2.59E-08	3.03E-07	3.29E-07	3.82E-05	1.98E-05
1158	485902.5, 3855785.28	9.89E-03	1.03E-05	5.98E-06	1.42E-06	1.39E-07	1.56E-06	2.16E-03	7.46E-07	2.25E-06	2.49E-08	2.92E-07	3.17E-07	3.56E-05	1.84E-05
1159	486809.46, 3856465.28	7.10E-03	7.42E-06	4.29E-06	1.02E-06	9.98E-08	1.12E-06	2.14E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	3.13E-05	1.60E-05
1160	486859.46, 3856465.28	6.56E-03	6.85E-06	3.97E-06	9.43E-07	9.22E-08	1.03E-06	2.10E-03	7.27E-07	2.20E-06	2.43E-08	2.84E-07	3.09E-07	2.98E-05	1.53E-05
1161	486909.46, 3856465.28	6.09E-03	6.37E-06	3.69E-06	8.76E-07	8.57E-08	9.62E-07	2.06E-03	7.15E-07	2.16E-06	2.39E-08	2.80E-07	3.03E-07	2.85E-05	1.46E-05
1162	486809.46, 3856515.28	7.80E-03	8.15E-06	4.72E-06	1.12E-06	1.10E-07	1.23E-06	2.20E-03	7.63E-07	2.30E-06	2.55E-08	2.98E-07	3.24E-07	3.31E-05	1.70E-05
1163	486859.46, 3856515.28	7.14E-03	7.46E-06	4.32E-06	1.03E-06	1.00E-07	1.13E-06	2.17E-03	7.52E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	3.14E-05	1.61E-05
1164	486909.46, 3856515.28	6.59E-03	6.89E-06	3.99E-06	9.48E-07	9.27E-08	1.04E-06	2.14E-03	7.40E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	2.99E-05	1.53E-05
1165	486980.94, 3856357.95	4.84E-03	5.06E-06	2.93E-06	6.96E-07	6.81E-08	7.64E-07	1.90E-03	6.57E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	2.47E-05	1.27E-05
1166	487030.94, 3856357.95	4.60E-03	4.81E-06	2.78E-06	6.61E-07	6.47E-08	7.26E-07	1.87E-03	6.47E-07	1.95E-06	2.16E-08	2.53E-07	2.75E-07	2.40E-05	1.23E-05
1167	486980.94, 3856407.95	5.15E-03	5.38E-06	3.12E-06	7.41E-07	7.24E-08	8.13E-07	1.96E-03	6.77E-07	2.04E-06	2.26E-08	2.65E-07	2.87E-07	2.57E-05	1.31E-05
1168	487030.94, 3856407.95	4.87E-03	5.09E-06	2.95E-06	7.01E-07	6.85E-08	7.69E-07	1.93E-03	6.66E-07	2.01E-06	2.23E-08	2.61E-07	2.83E-07	2.48E-05	1.27E-05
1169	487447.18, 3856437.45	3.49E-03	3.65E-06	2.11E-06	5.02E-07	4.91E-08	5.51E-07	1.76E-03	6.10E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	2.00E-05	1.02E-05
1170	487497.18, 3856437.45	3.37E-03	3.52E-06	2.04E-06	4.85E-07	4.74E-08	5.32E-07	1.74E-03	6.04E-07	1.82E-06	2.02E-08	2.36E-07	2.56E-07	1.95E-05	9.98E-06
1171	487547.18, 3856437.45	3.26E-03	3.41E-06	1.97E-06	4.69E-07	4.59E-08	5.15E-07	1.73E-03	5.98E-07	1.81E-06	2.00E-08	2.34E-07	2.54E-07	1.91E-05	9.75E-06
1172	487447.18, 3856487.45	3.63E-03	3.79E-06	2.19E-06	5.21E-07	5.10E-08	5.72E-07	1.81E-03	6.26E-07	1.89E-06	2.09E-08	2.45E-07	2.66E-07	2.05E-05	1.05E-05
1173	487497.18, 3856487.45	3.49E-03	3.65E-06	2.11E-06	5.03E-07	4.91E-08	5.52E-07	1.79E-03	6.19E-07	1.87E-06	2.07E-08	2.42E-07	2.63E-07	2.00E-05	1.02E-05
1174	487547.18, 3856487.45	3.38E-03	3.53E-06	2.04E-06	4.85E-07	4.75E-08	5.33E-07	1.77E-03	6.13E-07	1.85E-06	2.05E-08	2.40E-07	2.60E-07	1.96E-05	1.00E-05

1175	487447.18, 3856537.45	3.77E-03	3.94E-06	2.28E-06	5.43E-07	5.31E-08	5.96E-07	1.86E-03	6.43E-07	1.94E-06	2.15E-08	2.51E-07	2.73E-07	2.11E-05	1.08E-05
1176	487497.18, 3856537.45	3.63E-03	3.79E-06	2.20E-06	5.22E-07	5.11E-08	5.73E-07	1.83E-03	6.34E-07	1.92E-06	2.12E-08	2.48E-07	2.69E-07	2.06E-05	1.06E-05
1177	487547.18, 3856537.45	3.50E-03	3.66E-06	2.12E-06	5.03E-07	4.92E-08	5.53E-07	1.82E-03	6.28E-07	1.90E-06	2.10E-08	2.46E-07	2.67E-07	2.01E-05	1.03E-05
1178	489285.89, 3858826.54	9.01E-03	9.42E-06	5.45E-06	1.30E-06	1.27E-07	1.42E-06	8.34E-03	2.89E-06	8.72E-06	9.64E-08	1.13E-06	1.23E-06	2.72E-05	1.50E-05
1179	489335.89, 3858826.54	8.26E-03	8.64E-06	5.00E-06	1.19E-06	1.16E-07	1.30E-06	7.77E-03	2.69E-06	8.12E-06	8.98E-08	1.05E-06	1.14E-06	2.57E-05	1.41E-05
1180	489385.89, 3858826.54	7.62E-03	7.97E-06	4.61E-06	1.10E-06	1.07E-07	1.20E-06	7.27E-03	2.52E-06	7.60E-06	8.40E-08	9.84E-07	1.07E-06	2.44E-05	1.34E-05
1181	489435.89, 3858826.54	7.09E-03	7.41E-06	4.29E-06	1.02E-06	9.97E-08	1.12E-06	6.83E-03	2.37E-06	7.14E-06	7.90E-08	9.25E-07	1.00E-06	2.34E-05	1.28E-05
1182	489485.89, 3858826.54	6.63E-03	6.93E-06	4.01E-06	9.54E-07	9.33E-08	1.05E-06	6.45E-03	2.23E-06	6.75E-06	7.46E-08	8.74E-07	9.49E-07	2.24E-05	1.22E-05
1183	489535.89, 3858826.54	6.24E-03	6.52E-06	3.77E-06	8.97E-07	8.77E-08	9.85E-07	6.12E-03	2.12E-06	6.39E-06	7.07E-08	8.28E-07	8.99E-07	2.16E-05	1.17E-05
1184	489585.89, 3858826.54	5.90E-03	6.16E-06	3.57E-06	8.48E-07	8.29E-08	9.31E-07	5.82E-03	2.01E-06	6.08E-06	6.72E-08	7.88E-07	8.55E-07	2.08E-05	1.13E-05
1185	489635.89, 3858826.54	5.59E-03	5.85E-06	3.38E-06	8.04E-07	7.86E-08	8.83E-07	5.55E-03	1.92E-06	5.80E-06	6.41E-08	7.51E-07	8.15E-07	2.02E-05	1.09E-05
1186	489685.89, 3858826.54	5.32E-03	5.57E-06	3.22E-06	7.66E-07	7.49E-08	8.41E-07	5.30E-03	1.84E-06	5.54E-06	6.13E-08	7.18E-07	7.79E-07	1.95E-05	1.06E-05
1187	489735.89, 3858826.54	5.08E-03	5.31E-06	3.07E-06	7.30E-07	7.14E-08	8.02E-07	5.08E-03	1.76E-06	5.30E-06	5.87E-08	6.87E-07	7.46E-07	1.90E-05	1.02E-05
1188	489785.89, 3858826.54	4.86E-03	5.08E-06	2.94E-06	6.99E-07	6.84E-08	7.68E-07	4.87E-03	1.69E-06	5.10E-06	5.64E-08	6.60E-07	7.17E-07	1.84E-05	9.95E-06
1189	489835.89, 3858826.54	4.66E-03	4.87E-06	2.82E-06	6.70E-07	6.55E-08	7.36E-07	4.68E-03	1.62E-06	4.90E-06	5.41E-08	6.34E-07	6.88E-07	1.79E-05	9.67E-06
1190	489885.89, 3858826.54	4.48E-03	4.68E-06	2.71E-06	6.45E-07	6.30E-08	7.08E-07	4.51E-03	1.56E-06	4.72E-06	5.22E-08	6.11E-07	6.63E-07	1.75E-05	9.40E-06
1191	489935.89, 3858826.54	4.31E-03	4.51E-06	2.61E-06	6.20E-07	6.07E-08	6.81E-07	4.35E-03	1.51E-06	4.55E-06	5.03E-08	5.89E-07	6.39E-07	1.70E-05	9.15E-06
1192	489985.89, 3858826.54	4.16E-03	4.35E-06	2.52E-06	5.98E-07	5.85E-08	6.56E-07	4.20E-03	1.45E-06	4.39E-06	4.85E-08	5.69E-07	6.17E-07	1.66E-05	8.92E-06
1193	490035.89, 3858826.54	4.00E-03	4.18E-06	2.42E-06	5.75E-07	5.62E-08	6.31E-07	4.05E-03	1.40E-06	4.23E-06	4.68E-08	5.48E-07	5.95E-07	1.62E-05	8.70E-06
1194	489285.89, 3858876.54	1.05E-02	1.10E-05	6.34E-06	1.51E-06	1.47E-07	1.65E-06	9.65E-03	3.34E-06	1.01E-05	1.12E-07	1.31E-06	1.42E-06	2.89E-05	1.61E-05
1195	489335.89, 3858876.54	9.47E-03	9.90E-06	5.73E-06	1.36E-06	1.33E-07	1.50E-06	8.88E-03	3.07E-06	9.28E-06	1.03E-07	1.20E-06	1.31E-06	2.71E-05	1.50E-05
1196	489385.89, 3858876.54	8.65E-03	9.05E-06	5.24E-06	1.24E-06	1.22E-07	1.37E-06	8.23E-03	2.85E-06	8.61E-06	9.52E-08	1.12E-06	1.21E-06	2.56E-05	1.41E-05
1197	489435.89, 3858876.54	7.97E-03	8.33E-06	4.82E-06	1.15E-06	1.12E-07	1.26E-06	7.68E-03	2.66E-06	8.02E-06	8.87E-08	1.04E-06	1.13E-06	2.44E-05	1.34E-05
1198	489485.89, 3858876.54	7.40E-03	7.73E-06	4.48E-06	1.06E-06	1.04E-07	1.17E-06	7.19E-03	2.49E-06	7.52E-06	8.31E-08	9.74E-07	1.06E-06	2.33E-05	1.28E-05
1199	489535.89, 3858876.54	6.90E-03	7.22E-06	4.18E-06	9.93E-07	9.71E-08	1.09E-06	6.77E-03	2.34E-06	7.07E-06	7.82E-08	9.17E-07	9.95E-07	2.24E-05	1.23E-05
1200	489585.89, 3858876.54	6.48E-03	6.77E-06	3.92E-06	9.31E-07	9.11E-08	1.02E-06	6.39E-03	2.21E-06	6.68E-06	7.39E-08	8.65E-07	9.39E-07	2.16E-05	1.18E-05
1201	489635.89, 3858876.54	6.11E-03	6.39E-06	3.70E-06	8.79E-07	8.60E-08	9.65E-07	6.06E-03	2.10E-06	6.34E-06	7.01E-08	8.21E-07	8.91E-07	2.08E-05	1.14E-05
1202	489685.89, 3858876.54	5.79E-03	6.05E-06	3.50E-06	8.33E-07	8.14E-08	9.14E-07	5.77E-03	2.00E-06	6.03E-06	6.67E-08	7.81E-07	8.48E-07	2.01E-05	1.10E-05
1203	489735.89, 3858876.54	5.50E-03	5.75E-06	3.33E-06	7.91E-07	7.73E-08	8.68E-07	5.50E-03	1.90E-06	5.75E-06	6.36E-08	7.45E-07	8.08E-07	1.95E-05	1.06E-05
1204	489785.89, 3858876.54	5.25E-03	5.49E-06	3.18E-06	7.55E-07	7.38E-08	8.28E-07	5.26E-03	1.82E-06	5.50E-06	6.08E-08	7.12E-07	7.73E-07	1.89E-05	1.03E-05
1205	489835.89, 3858876.54	5.02E-03	5.24E-06	3.04E-06	7.22E-07	7.06E-08	7.92E-07	5.04E-03	1.75E-06	5.27E-06	5.83E-08	6.83E-07	7.41E-07	1.84E-05	9.95E-06
1206	489885.89, 3858876.54	4.82E-03	5.03E-06	2.91E-06	6.92E-07	6.77E-08	7.60E-07	4.85E-03	1.68E-06	5.06E-06	5.60E-08	6.56E-07	7.12E-07	1.79E-05	9.66E-06
1207	489935.89, 3858876.54	4.62E-03	4.83E-06	2.80E-06	6.64E-07	6.50E-08	7.29E-07	4.66E-03	1.61E-06	4.87E-06	5.38E-08	6.31E-07	6.85E-07	1.74E-05	9.39E-06
1208	489985.89, 3858876.54	4.43E-03	4.63E-06	2.68E-06	6.37E-07	6.23E-08	7.00E-07	4.47E-03	1.55E-06	4.67E-06	5.17E-08	6.06E-07	6.57E-07	1.69E-05	9.14E-06
1209	490035.89, 3858876.54	4.26E-03	4.45E-06	2.58E-06	6.12E-07	5.99E-08	6.72E-07	4.30E-03	1.49E-06	4.50E-06	4.97E-08	5.83E-07	6.32E-07	1.65E-05	8.90E-06
1210	489285.89, 3858926.54	1.25E-02	1.31E-05	7.58E-06	1.80E-06	1.76E-07	1.98E-06	1.15E-02	3.97E-06	1.20E-05	1.33E-07	1.55E-06	1.69E-06	3.19E-05	1.79E-05
1211	489335.89, 3858926.54	1.11E-02	1.16E-05	6.73E-06	1.60E-06	1.56E-07	1.76E-06	1.04E-02	3.60E-06	1.09E-05	1.20E-07	1.41E-06	1.53E-06	2.94E-05	1.65E-05
1212	489385.89, 3858926.54	1.00E-02	1.05E-05	6.05E-06	1.44E-06	1.41E-07	1.58E-06	9.50E-03	3.29E-06	9.93E-06	1.10E-07	1.29E-06	1.40E-06	2.76E-05	1.54E-05
1213	489435.89, 3858926.54	9.11E-03	9.52E-06	5.51E-06	1.31E-06	1.28E-07	1.44E-06	8.76E-03	3.03E-06	9.16E-06	1.01E-07	1.19E-06	1.29E-06	2.61E-05	1.45E-05
1214	489485.89, 3858926.54	8.37E-03	8.74E-06	5.06E-06	1.20E-06	1.18E-07	1.32E-06	8.13E-03	2.81E-06	8.50E-06	9.40E-08	1.10E-06	1.20E-06	2.48E-05	1.37E-05
1215	489535.89, 3858926.54	7.75E-03	8.10E-06	4.69E-06	1.11E-06	1.09E-07	1.22E-06	7.59E-03	2.63E-06	7.93E-06	8.77E-08	1.03E-06	1.12E-06	2.37E-05	1.30E-05
1216	489585.89, 3858926.54	7.21E-03	7.54E-06	4.36E-06	1.04E-06	1.01E-07	1.14E-06	7.11E-03	2.46E-06	7.43E-06	8.22E-08	9.63E-07	1.05E-06	2.26E-05	1.24E-05
1217	489635.89, 3858926.54	6.76E-03	7.06E-06	4.09E-06	9.72E-07	9.50E-08	1.07E-06	6.70E-03	2.32E-06	7.00E-06	7.74E-08	9.07E-07	9.85E-07	2.17E-05	1.19E-05
1218	489685.89, 3858926.54	6.36E-03	6.65E-06	3.85E-06	9.14E-07	8.94E-08	1.00E-06	6.33E-03	2.19E-06	6.61E-06	7.32E-08	8.57E-07	9.30E-07	2.09E-05	1.15E-05
1219	489735.89, 3858926.54	6.02E-03	6.29E-06	3.64E-06	8.66E-07	8.47E-08	9.50E-07	6.01E-03	2.08E-06	6.28E-06	6.95E-08	8.14E-07	8.83E-07	2.02E-05	1.10E-05
1220	489785.89, 3858926.54	5.72E-03	5.98E-06	3.46E-06	8.22E-07	8.04E-08	9.03E-07	5.72E-03	1.98E-06	5.98E-06	6.62E-08	7.75E-07	8.41E-07	1.95E-05	1.06E-05
1221	489835.89, 3858926.54	5.44E-03	5.69E-06	3.29E-06	7.83E-07	7.65E-08	8.59E-07	5.46E-03	1.89E-06	5.71E-06	6.31E-08	7.40E-07	8.03E-07	1.89E-05	1.03E-05
1222	489885.89, 3858926.54	5.20E-03	5.44E-06	3.15E-06	7.48E-07	7.31E-08	8.21E-07	5.23E-03	1.81E-06	5.46E-06	6.04E-08	7.08E-07	7.68E-07	1.83E-05	9.97E-06
1223	489935.89, 3858926.54	4.98E-03	5.20E-06	3.01E-06	7.16E-07	7.00E-08	7.86E-07	5.01E-03	1.73E-06	5.23E-06	5.79E-08	6.78E-07	7.36E-07	1.78E-05	9.68E-06
1224	489985.89, 3858926.54	4.76E-03	4.98E-06	2.88E-06	6.85E-07	6.70E-08	7.52E-07	4.80E-03	1.66E-06	5.02E-06	5.55E-08	6.50E-07	7.06E-07	1.73E-05	9.40E-06
1225	490035.89, 3858926.54	4.54E-03	4.75E-06	2.75E-06	6.53E-07	6.39E-08	7.17E-07	4.58E-03	1.59E-06	4.79E-06	5.30E-08	6.21E-07	6.74E-07	1.69E-05	9.14E-06
1226	489335.89, 3858976.54	1.35E-02	1.41E-05	8.14E-06	1.93E-06	1.89E-07	2.12E-06	1.26E-02	4.35E-06	1.31E-05	1.45E-07	1.70E-06	1.85E-06	3.53E-05	1.98E-05
1227	489385.89, 3858976.54	1.19E-02	1.24E-05	7.18E-06	1.71E-06	1.67E-07	1.87E-06	1.13E-02	3.90E-06	1.18E-05	1.30E-07	1.53E-06	1.66E-06	3.27E-05	1.82E-05
1228	489435.89, 3858976.54	1.07E-02	1.11E-05	6.45E-06	1.53E-06	1.50E-07	1.68E-06	1.02E-02	3.54E-06	1.07E-05	1.18E-07	1.39E-06	1.50E-06	2.98E-05	1.66E-05
1229	489485.89, 3858976.54	9.66E-03	1.01E-05	5.85E-06	1.39E-06	1.36E-07	1.53E-06	9.37E-03	3.24E-06	9.80E-06	1.08E-07	1.27E-06	1.38E-06	2.74E-05	1.52E-05
1230	489535.89, 3858976.54	8.84E-03	9.24E-06	5.35E-06	1.27E-06	1.24E-07	1.40E-06	8.64E-03	2.99E-06	9.03E-06	9.99E-08	1.17E-06	1.27E-06	2.56E-05	1.42E-05
1231	489585.89, 3858976.54	8.17E-03	8.54E-06	4.94E-06	1.17E-06	1.15E-07	1.29E-06	8.03E-03	2.78E-06	8.39E-06	9.28E-08	1.09E-06	1.18E-06	2.41E-05	1.34E-05
1232	489635.89, 3858976.54	7.59E-03	7.93E-06	4.59E-06	1.09E-06	1.07E-07	1.20E-06	7.50E-03	2.60E-06	7.84E-06	8.67E-08	1.02E-06	1.10E-06	2.30E-05	1.27E-05
1233	489685.89, 3858976.54	7.09E-03	7.41E-06	4.29E-06	1.02E-06	9.97E-08	1.12E-06	7.03E-03	2.43E-06	7.35E-06	8.13E-08	9.52E-07	1.03E-06	2.20E-05	1.21E-05
1234	489735.89, 3858976.54	6.66E-03	6.96E-06	4.03E-06	9.58E-07	9.37E-08	1.05E-06	6.63E-03	2.30E-06	6.93E-06	7.67E-08	8.98E-07	9.75E-07	2.11E-05	1.16E-05
1235	489785.89, 3858976.54	6.30E-03	6.58E-06	3.81E-06	9.05E-07	8.85E-08	9.94E-07	6.28E-03	2.18E-06	6.57E-06	7.26E-08	8.51E-07	9.24E-07	2.03E-05	1.11E-05
1236	489835.89, 3858976.54	5.97E-03	6.24E-06	3.61E-06	8.58E-07	8.39E-08	9.42E-07	5.97E-03	2.07E-06	6.24E-06	6.90E-08	8.08E-07	8.77E-07	1.96E-05	1.07E-05

1237	489885.89, 3858976.54	5.66E-03	5.92E-06	3.43E-06	8.14E-07	7.97E-08	8.94E-07	5.68E-03	1.96E-06	5.93E-06	6.56E-08	7.69E-07	8.34E-07	1.90E-05	1.04E-05
1238	489935.89, 3858976.54	5.39E-03	5.64E-06	3.26E-06	7.76E-07	7.59E-08	8.52E-07	5.41E-03	1.87E-06	5.66E-06	6.26E-08	7.33E-07	7.96E-07	1.84E-05	1.00E-05
1239	489985.89, 3858976.54	5.15E-03	5.38E-06	3.12E-06	7.41E-07	7.24E-08	8.13E-07	5.18E-03	1.79E-06	5.41E-06	5.98E-08	7.01E-07	7.61E-07	1.78E-05	9.72E-06
1240	490035.89, 3858976.54	4.85E-03	5.07E-06	2.93E-06	6.97E-07	6.82E-08	7.66E-07	4.88E-03	1.69E-06	5.10E-06	5.64E-08	6.61E-07	7.17E-07	1.74E-05	9.43E-06
1241	489385.89, 3859026.54	1.47E-02	1.53E-05	8.88E-06	2.11E-06	2.06E-07	2.32E-06	1.38E-02	4.79E-06	1.45E-05	1.60E-07	1.88E-06	2.04E-06	3.91E-05	2.19E-05
1242	489435.89, 3859026.54	1.29E-02	1.35E-05	7.79E-06	1.85E-06	1.81E-07	2.03E-06	1.23E-02	4.26E-06	1.29E-05	1.42E-07	1.67E-06	1.81E-06	3.60E-05	2.00E-05
1243	489485.89, 3859026.54	1.15E-02	1.20E-05	6.94E-06	1.65E-06	1.61E-07	1.81E-06	1.11E-02	3.83E-06	1.16E-05	1.28E-07	1.50E-06	1.63E-06	3.11E-05	1.74E-05
1244	489535.89, 3859026.54	1.04E-02	1.08E-05	6.26E-06	1.49E-06	1.46E-07	1.63E-06	1.01E-02	3.48E-06	1.05E-05	1.16E-07	1.36E-06	1.48E-06	2.82E-05	1.57E-05
1245	489585.89, 3859026.54	9.43E-03	9.86E-06	5.71E-06	1.36E-06	1.33E-07	1.49E-06	9.22E-03	3.19E-06	9.64E-06	1.07E-07	1.25E-06	1.36E-06	2.62E-05	1.46E-05
1246	489635.89, 3859026.54	8.67E-03	9.06E-06	5.25E-06	1.25E-06	1.22E-07	1.37E-06	8.52E-03	2.95E-06	8.91E-06	9.85E-08	1.15E-06	1.25E-06	2.47E-05	1.38E-05
1247	489685.89, 3859026.54	8.03E-03	8.39E-06	4.86E-06	1.15E-06	1.13E-07	1.27E-06	7.93E-03	2.74E-06	8.29E-06	9.16E-08	1.07E-06	1.17E-06	2.35E-05	1.30E-05
1248	489735.89, 3859026.54	7.49E-03	7.83E-06	4.53E-06	1.08E-06	1.05E-07	1.18E-06	7.42E-03	2.57E-06	7.75E-06	8.58E-08	1.00E-06	1.09E-06	2.23E-05	1.24E-05
1249	489785.89, 3859026.54	7.02E-03	7.34E-06	4.25E-06	1.01E-06	9.87E-08	1.11E-06	6.98E-03	2.41E-06	7.29E-06	8.06E-08	9.45E-07	1.03E-06	2.14E-05	1.18E-05
1250	489835.89, 3859026.54	6.60E-03	6.89E-06	3.99E-06	9.49E-07	9.28E-08	1.04E-06	6.57E-03	2.27E-06	6.87E-06	7.59E-08	8.90E-07	9.66E-07	2.05E-05	1.13E-05
1251	489885.89, 3859026.54	6.23E-03	6.51E-06	3.77E-06	8.96E-07	8.76E-08	9.84E-07	6.22E-03	2.15E-06	6.50E-06	7.19E-08	8.42E-07	9.14E-07	1.98E-05	1.09E-05
1252	489935.89, 3859026.54	5.90E-03	6.17E-06	3.57E-06	8.49E-07	8.30E-08	9.32E-07	5.90E-03	2.04E-06	6.17E-06	6.82E-08	7.99E-07	8.67E-07	1.91E-05	1.05E-05
1253	489985.89, 3859026.54	5.61E-03	5.86E-06	3.39E-06	8.06E-07	7.88E-08	8.85E-07	5.61E-03	1.94E-06	5.87E-06	6.49E-08	7.60E-07	8.25E-07	1.85E-05	1.01E-05
1254	490035.89, 3859026.54	5.23E-03	5.47E-06	3.17E-06	7.53E-07	7.36E-08	8.26E-07	5.25E-03	1.82E-06	5.48E-06	6.06E-08	7.10E-07	7.71E-07	1.79E-05	9.77E-06
1255	489485.89, 3859076.54	1.42E-02	1.48E-05	8.57E-06	2.04E-06	1.99E-07	2.24E-06	1.35E-02	4.68E-06	1.41E-05	1.56E-07	1.83E-06	1.99E-06	3.62E-05	2.04E-05
1256	489535.89, 3859076.54	1.25E-02	1.31E-05	7.56E-06	1.80E-06	1.76E-07	1.97E-06	1.20E-02	4.17E-06	1.26E-05	1.39E-07	1.63E-06	1.77E-06	3.32E-05	1.86E-05
1257	489585.89, 3859076.54	1.12E-02	1.17E-05	6.77E-06	1.61E-06	1.57E-07	1.77E-06	1.08E-02	3.76E-06	1.13E-05	1.25E-07	1.47E-06	1.59E-06	3.02E-05	1.69E-05
1258	489635.89, 3859076.54	1.01E-02	1.06E-05	6.14E-06	1.46E-06	1.43E-07	1.60E-06	9.90E-03	3.43E-06	1.03E-05	1.14E-07	1.34E-06	1.45E-06	2.77E-05	1.55E-05
1259	489685.89, 3859076.54	9.28E-03	9.70E-06	5.62E-06	1.34E-06	1.31E-07	1.47E-06	9.10E-03	3.15E-06	9.51E-06	1.05E-07	1.23E-06	1.34E-06	2.58E-05	1.44E-05
1260	489735.89, 3859076.54	8.56E-03	8.95E-06	5.18E-06	1.23E-06	1.20E-07	1.35E-06	8.43E-03	2.92E-06	8.81E-06	9.74E-08	1.14E-06	1.24E-06	2.42E-05	1.35E-05
1261	489785.89, 3859076.54	7.95E-03	8.31E-06	4.81E-06	1.14E-06	1.12E-07	1.25E-06	7.85E-03	2.72E-06	8.20E-06	9.07E-08	1.06E-06	1.15E-06	2.28E-05	1.27E-05
1262	489835.89, 3859076.54	7.41E-03	7.74E-06	4.48E-06	1.07E-06	1.04E-07	1.17E-06	7.34E-03	2.54E-06	7.67E-06	8.48E-08	9.94E-07	1.08E-06	2.17E-05	1.20E-05
1263	489885.89, 3859076.54	6.94E-03	7.25E-06	4.20E-06	9.98E-07	9.76E-08	1.10E-06	6.89E-03	2.38E-06	7.20E-06	7.96E-08	9.33E-07	1.01E-06	2.08E-05	1.15E-05
1264	489935.89, 3859076.54	6.54E-03	6.83E-06	3.96E-06	9.40E-07	9.19E-08	1.03E-06	6.50E-03	2.25E-06	6.80E-06	7.52E-08	8.81E-07	9.56E-07	1.99E-05	1.10E-05
1265	489985.89, 3859076.54	6.17E-03	6.45E-06	3.73E-06	8.87E-07	8.68E-08	9.74E-07	6.15E-03	2.13E-06	6.42E-06	7.11E-08	8.32E-07	9.03E-07	1.92E-05	1.06E-05
1266	490035.89, 3859076.54	5.75E-03	6.01E-06	3.48E-06	8.26E-07	8.08E-08	9.07E-07	5.73E-03	1.98E-06	5.99E-06	6.63E-08	7.76E-07	8.43E-07	1.86E-05	1.02E-05
1267	489585.89, 3859126.54	1.38E-02	1.44E-05	8.32E-06	1.98E-06	1.93E-07	2.17E-06	1.32E-02	4.58E-06	1.38E-05	1.53E-07	1.79E-06	1.94E-06	3.85E-05	2.14E-05
1268	489635.89, 3859126.54	1.22E-02	1.28E-05	7.39E-06	1.76E-06	1.72E-07	1.93E-06	1.18E-02	4.09E-06	1.24E-05	1.37E-07	1.60E-06	1.74E-06	3.31E-05	1.85E-05
1269	489685.89, 3859126.54	1.10E-02	1.15E-05	6.64E-06	1.58E-06	1.54E-07	1.73E-06	1.07E-02	3.70E-06	1.12E-05	1.24E-07	1.45E-06	1.57E-06	2.92E-05	1.64E-05
1270	489735.89, 3859126.54	9.98E-03	1.04E-05	6.04E-06	1.44E-06	1.40E-07	1.58E-06	9.76E-03	3.38E-06	1.02E-05	1.13E-07	1.32E-06	1.43E-06	2.66E-05	1.49E-05
1271	489785.89, 3859126.54	9.16E-03	9.57E-06	5.54E-06	1.32E-06	1.29E-07	1.45E-06	8.98E-03	3.11E-06	9.39E-06	1.04E-07	1.22E-06	1.32E-06	2.47E-05	1.38E-05
1272	489835.89, 3859126.54	8.45E-03	8.83E-06	5.11E-06	1.21E-06	1.19E-07	1.33E-06	8.32E-03	2.88E-06	8.69E-06	9.61E-08	1.13E-06	1.22E-06	2.32E-05	1.30E-05
1273	489885.89, 3859126.54	7.83E-03	8.19E-06	4.74E-06	1.13E-06	1.10E-07	1.24E-06	7.73E-03	2.68E-06	8.08E-06	8.94E-08	1.05E-06	1.14E-06	2.20E-05	1.23E-05
1274	489935.89, 3859126.54	7.32E-03	7.65E-06	4.43E-06	1.05E-06	1.03E-07	1.16E-06	7.24E-03	2.51E-06	7.57E-06	8.37E-08	9.81E-07	1.06E-06	2.10E-05	1.17E-05
1275	489985.89, 3859126.54	6.84E-03	7.15E-06	4.14E-06	9.83E-07	9.61E-08	1.08E-06	6.78E-03	2.35E-06	7.08E-06	7.83E-08	9.18E-07	9.96E-07	2.01E-05	1.12E-05
1276	490035.89, 3859126.54	6.38E-03	6.67E-06	3.86E-06	9.18E-07	8.97E-08	1.01E-06	6.33E-03	2.19E-06	6.62E-06	7.32E-08	8.58E-07	9.31E-07	1.93E-05	1.07E-05
1277	489585.89, 3859176.54	1.78E-02	1.86E-05	1.07E-05	2.55E-06	2.50E-07	2.80E-06	1.69E-02	5.85E-06	1.77E-05	1.96E-07	2.29E-06	2.49E-06	4.35E-05	2.46E-05
1278	489635.89, 3859176.54	1.53E-02	1.60E-05	9.25E-06	2.20E-06	2.15E-07	2.41E-06	1.47E-02	5.08E-06	1.53E-05	1.70E-07	1.99E-06	2.16E-06	3.92E-05	2.21E-05
1279	489685.89, 3859176.54	1.34E-02	1.40E-05	8.13E-06	1.93E-06	1.89E-07	2.12E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	3.33E-05	1.88E-05
1280	489735.89, 3859176.54	1.20E-02	1.25E-05	7.25E-06	1.72E-06	1.68E-07	1.89E-06	1.16E-02	4.03E-06	1.22E-05	1.34E-07	1.57E-06	1.71E-06	2.98E-05	1.68E-05
1281	489785.89, 3859176.54	1.08E-02	1.13E-05	6.53E-06	1.55E-06	1.52E-07	1.70E-06	1.05E-02	3.64E-06	1.10E-05	1.22E-07	1.42E-06	1.55E-06	2.73E-05	1.54E-05
1282	489835.89, 3859176.54	9.83E-03	1.03E-05	5.95E-06	1.41E-06	1.38E-07	1.55E-06	9.61E-03	3.33E-06	1.00E-05	1.11E-07	1.30E-06	1.41E-06	2.54E-05	1.43E-05
1283	489885.89, 3859176.54	9.02E-03	9.42E-06	5.46E-06	1.30E-06	1.27E-07	1.42E-06	8.84E-03	3.06E-06	9.24E-06	1.02E-07	1.20E-06	1.30E-06	2.38E-05	1.34E-05
1284	489935.89, 3859176.54	8.34E-03	8.72E-06	5.05E-06	1.20E-06	1.17E-07	1.32E-06	8.20E-03	2.84E-06	8.57E-06	9.47E-08	1.11E-06	1.20E-06	2.24E-05	1.26E-05
1285	489985.89, 3859176.54	7.71E-03	8.06E-06	4.67E-06	1.11E-06	1.08E-07	1.22E-06	7.60E-03	2.63E-06	7.94E-06	8.78E-08	1.03E-06	1.12E-06	2.13E-05	1.19E-05
1286	490035.89, 3859176.54	7.22E-03	7.55E-06	4.37E-06	1.04E-06	1.02E-07	1.14E-06	7.12E-03	2.47E-06	7.44E-06	8.23E-08	9.65E-07	1.05E-06	2.03E-05	1.13E-05
1287	489685.89, 3859226.54	1.72E-02	1.80E-05	1.04E-05	2.47E-06	2.42E-07	2.72E-06	1.65E-02	5.71E-06	1.72E-05	1.91E-07	2.23E-06	2.42E-06	4.02E-05	2.29E-05
1288	489735.89, 3859226.54	1.49E-02	1.56E-05	9.03E-06	2.15E-06	2.10E-07	2.36E-06	1.44E-02	4.97E-06	1.50E-05	1.66E-07	1.95E-06	2.11E-06	3.75E-05	2.12E-05
1289	489785.89, 3859226.54	1.32E-02	1.38E-05	7.96E-06	1.89E-06	1.85E-07	2.08E-06	1.27E-02	4.40E-06	1.33E-05	1.47E-07	1.72E-06	1.87E-06	3.26E-05	1.85E-05
1290	489835.89, 3859226.54	1.17E-02	1.23E-05	7.10E-06	1.69E-06	1.65E-07	1.85E-06	1.14E-02	3.94E-06	1.19E-05	1.32E-07	1.54E-06	1.67E-06	2.91E-05	1.65E-05
1291	489885.89, 3859226.54	1.06E-02	1.11E-05	6.42E-06	1.53E-06	1.49E-07	1.68E-06	1.03E-02	3.57E-06	1.08E-05	1.19E-07	1.40E-06	1.52E-06	2.64E-05	1.50E-05
1292	489935.89, 3859226.54	9.67E-03	1.01E-05	5.85E-06	1.39E-06	1.36E-07	1.53E-06	9.43E-03	3.27E-06	9.86E-06	1.09E-07	1.28E-06	1.39E-06	2.44E-05	1.38E-05
1293	489985.89, 3859226.54	8.81E-03	9.21E-06	5.33E-06	1.27E-06	1.24E-07	1.39E-06	8.62E-03	2.98E-06	9.01E-06	9.96E-08	1.17E-06	1.27E-06	2.29E-05	1.29E-05
1294	490035.89, 3859226.54	8.19E-03	8.56E-06	4.96E-06	1.18E-06	1.15E-07	1.29E-06	8.02E-03	2.78E-06	8.39E-06	9.27E-08	1.09E-06	1.18E-06	2.16E-05	1.21E-05
1295	489735.89, 3859276.54	1.98E-02	2.07E-05	1.20E-05	2.84E-06	2.78E-07	3.12E-06	1.88E-02	6.52E-06	1.97E-05	2.18E-07	2.55E-06	2.77E-06	4.46E-05	2.55E-05
1296	489785.89, 3859276.54	1.68E-02	1.76E-05	1.02E-05	2.42E-06	2.36E-07	2.65E-06	1.61E-02	5.57E-06	1.68E-05	1.86E-07	2.18E-06	2.36E-06	4.14E-05	2.34E-05
1297	489835.89, 3859276.54	1.46E-02	1.52E-05	8.82E-06	2.10E-06	2.05E-07	2.30E-06	1.40E-02	4.85E-06	1.46E-05	1.62E-07	1.90E-06	2.06E-06	3.46E-05	1.97E-05
1298	489885.89, 3859276.54	1.29E-02	1.35E-05	7.80E-06	1.85E-06	1.81E-07	2.03E-06	1.24E-02	4.30E-06	1.30E-05	1.44E-07	1.68E-06	1.83E-06	2.99E-05	1.71E-05

1299	489935.89, 3859276.54	1.15E-02	1.20E-05	6.97E-06	1.66E-06	1.62E-07	1.82E-06	1.11E-02	3.86E-06	1.16E-05	1.29E-07	1.51E-06	1.64E-06	2.69E-05	1.54E-05
1300	489985.89, 3859276.54	1.03E-02	1.08E-05	6.23E-06	1.48E-06	1.45E-07	1.63E-06	1.00E-02	3.46E-06	1.04E-05	1.16E-07	1.35E-06	1.47E-06	2.49E-05	1.41E-05
1301	490035.89, 3859276.54	9.51E-03	9.94E-06	5.75E-06	1.37E-06	1.34E-07	1.50E-06	9.25E-03	3.20E-06	9.66E-06	1.07E-07	1.25E-06	1.36E-06	2.33E-05	1.32E-05
1302	490458.06, 3859590.74	1.64E-02	1.71E-05	9.91E-06	2.35E-06	2.30E-07	2.58E-06	1.56E-02	5.40E-06	1.63E-05	1.80E-07	2.11E-06	2.29E-06	3.16E-05	1.86E-05
1303	490508.06, 3859590.74	1.45E-02	1.51E-05	8.76E-06	2.08E-06	2.04E-07	2.29E-06	1.38E-02	4.78E-06	1.44E-05	1.59E-07	1.87E-06	2.03E-06	2.76E-05	1.63E-05
1304	490558.06, 3859590.74	1.29E-02	1.35E-05	7.80E-06	1.85E-06	1.81E-07	2.03E-06	1.23E-02	4.26E-06	1.29E-05	1.42E-07	1.67E-06	1.81E-06	2.48E-05	1.46E-05
1305	490608.06, 3859590.74	1.16E-02	1.21E-05	7.00E-06	1.66E-06	1.63E-07	1.83E-06	1.11E-02	3.83E-06	1.16E-05	1.28E-07	1.50E-06	1.63E-06	2.27E-05	1.33E-05
1306	490658.06, 3859590.74	1.05E-02	1.10E-05	6.34E-06	1.51E-06	1.47E-07	1.65E-06	1.00E-02	3.47E-06	1.05E-05	1.16E-07	1.36E-06	1.47E-06	2.10E-05	1.23E-05
1307	490708.06, 3859590.74	9.54E-03	9.97E-06	5.77E-06	1.37E-06	1.34E-07	1.51E-06	9.13E-03	3.16E-06	9.54E-06	1.06E-07	1.24E-06	1.34E-06	1.97E-05	1.15E-05
1308	490758.06, 3859590.74	8.70E-03	9.10E-06	5.27E-06	1.25E-06	1.22E-07	1.37E-06	8.34E-03	2.89E-06	8.72E-06	9.64E-08	1.13E-06	1.23E-06	1.86E-05	1.08E-05
1309	490808.06, 3859590.74	8.04E-03	8.40E-06	4.86E-06	1.16E-06	1.13E-07	1.27E-06	7.71E-03	2.67E-06	8.06E-06	8.91E-08	1.04E-06	1.13E-06	1.77E-05	1.02E-05
1310	490858.06, 3859590.74	7.44E-03	7.77E-06	4.50E-06	1.07E-06	1.05E-07	1.17E-06	7.14E-03	2.47E-06	7.46E-06	8.25E-08	9.67E-07	1.05E-06	1.69E-05	9.69E-06
1311	490458.06, 3859640.74	2.38E-02	2.49E-05	1.44E-05	3.43E-06	3.35E-07	3.76E-06	2.25E-02	7.79E-06	2.35E-05	2.60E-07	3.05E-06	3.31E-06	4.28E-05	2.55E-05
1312	490508.06, 3859640.74	2.02E-02	2.12E-05	1.23E-05	2.91E-06	2.85E-07	3.20E-06	1.91E-02	6.63E-06	2.00E-05	2.21E-07	2.59E-06	2.81E-06	3.76E-05	2.22E-05
1313	490558.06, 3859640.74	1.75E-02	1.83E-05	1.06E-05	2.52E-06	2.47E-07	2.77E-06	1.66E-02	5.75E-06	1.74E-05	1.92E-07	2.25E-06	2.44E-06	3.19E-05	1.89E-05
1314	490608.06, 3859640.74	1.52E-02	1.59E-05	9.22E-06	2.19E-06	2.14E-07	2.40E-06	1.44E-02	4.99E-06	1.51E-05	1.67E-07	1.95E-06	2.12E-06	2.76E-05	1.64E-05
1315	490658.06, 3859640.74	1.33E-02	1.39E-05	8.07E-06	1.92E-06	1.88E-07	2.11E-06	1.27E-02	4.38E-06	1.32E-05	1.46E-07	1.71E-06	1.86E-06	2.46E-05	1.46E-05
1316	490708.06, 3859640.74	1.19E-02	1.25E-05	7.21E-06	1.71E-06	1.68E-07	1.88E-06	1.13E-02	3.92E-06	1.18E-05	1.31E-07	1.53E-06	1.66E-06	2.25E-05	1.33E-05
1317	490758.06, 3859640.74	1.07E-02	1.12E-05	6.47E-06	1.54E-06	1.50E-07	1.69E-06	1.02E-02	3.52E-06	1.06E-05	1.18E-07	1.38E-06	1.49E-06	2.08E-05	1.22E-05
1318	490808.06, 3859640.74	9.76E-03	1.02E-05	5.91E-06	1.40E-06	1.37E-07	1.54E-06	9.30E-03	3.22E-06	9.72E-06	1.07E-07	1.26E-06	1.37E-06	1.95E-05	1.14E-05
1319	490858.06, 3859640.74	8.97E-03	9.38E-06	5.43E-06	1.29E-06	1.26E-07	1.42E-06	8.56E-03	2.96E-06	8.94E-06	9.89E-08	1.16E-06	1.26E-06	1.84E-05	1.07E-05
1320	490608.06, 3859690.74	2.18E-02	2.28E-05	1.32E-05	3.13E-06	3.06E-07	3.44E-06	2.04E-02	7.07E-06	2.13E-05	2.36E-07	2.77E-06	3.00E-06	3.78E-05	2.26E-05
1321	490658.06, 3859690.74	1.82E-02	1.91E-05	1.10E-05	2.62E-06	2.57E-07	2.88E-06	1.71E-02	5.93E-06	1.79E-05	1.98E-07	2.32E-06	2.52E-06	3.17E-05	1.90E-05
1322	490708.06, 3859690.74	1.57E-02	1.64E-05	9.52E-06	2.26E-06	2.21E-07	2.48E-06	1.48E-02	5.13E-06	1.55E-05	1.71E-07	2.01E-06	2.18E-06	2.74E-05	1.64E-05
1323	490758.06, 3859690.74	1.37E-02	1.44E-05	8.31E-06	1.98E-06	1.93E-07	2.17E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	2.44E-05	1.45E-05
1324	490808.06, 3859690.74	1.22E-02	1.28E-05	7.40E-06	1.76E-06	1.72E-07	1.93E-06	1.16E-02	4.00E-06	1.21E-05	1.34E-07	1.57E-06	1.70E-06	2.22E-05	1.32E-05
1325	490858.06, 3859690.74	1.12E-02	1.17E-05	6.76E-06	1.61E-06	1.57E-07	1.76E-06	1.06E-02	3.66E-06	1.11E-05	1.22E-07	1.43E-06	1.56E-06	2.06E-05	1.22E-05
1326	490708.06, 3859740.74	2.30E-02	2.41E-05	1.39E-05	3.31E-06	3.24E-07	3.64E-06	2.14E-02	7.40E-06	2.24E-05	2.47E-07	2.90E-06	3.14E-06	3.77E-05	2.28E-05
1327	490758.06, 3859740.74	1.95E-02	2.04E-05	1.18E-05	2.80E-06	2.74E-07	3.08E-06	1.82E-02	6.30E-06	1.90E-05	2.10E-07	2.46E-06	2.67E-06	3.18E-05	1.92E-05
1328	490808.06, 3859740.74	1.68E-02	1.75E-05	1.02E-05	2.41E-06	2.36E-07	2.65E-06	1.57E-02	5.44E-06	1.64E-05	1.82E-07	2.13E-06	2.31E-06	2.74E-05	1.66E-05
1329	490858.06, 3859740.74	1.48E-02	1.54E-05	8.94E-06	2.12E-06	2.08E-07	2.33E-06	1.39E-02	4.80E-06	1.45E-05	1.60E-07	1.88E-06	2.04E-06	2.44E-05	1.48E-05
1330	490786.56, 3859749.39	1.91E-02	2.00E-05	1.16E-05	2.75E-06	2.69E-07	3.01E-06	1.78E-02	6.16E-06	1.86E-05	2.06E-07	2.41E-06	2.62E-06	3.07E-05	1.86E-05
1331	490836.56, 3859749.39	1.65E-02	1.72E-05	9.98E-06	2.37E-06	2.32E-07	2.60E-06	1.54E-02	5.34E-06	1.61E-05	1.78E-07	2.09E-06	2.27E-06	2.67E-05	1.62E-05
1332	490786.56, 3859799.39	3.09E-02	3.23E-05	1.87E-05	4.44E-06	4.34E-07	4.88E-06	2.83E-02	9.79E-06	2.96E-05	3.27E-07	3.83E-06	4.16E-06	4.22E-05	2.64E-05
1333	490836.56, 3859799.39	2.49E-02	2.60E-05	1.51E-05	3.58E-06	3.50E-07	3.93E-06	2.29E-02	7.91E-06	2.39E-05	2.64E-07	3.09E-06	3.36E-06	3.71E-05	2.28E-05
1334	492307.84, 3854508.36	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	5.00E-06	2.59E-06
1335	486445.7, 3854753.6	2.04E-03	2.13E-06	1.24E-06	2.94E-07	2.87E-08	3.22E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	1.11E-05	5.71E-06
1336	472599.75, 3877830.11	6.53E-05	6.82E-08	3.95E-08	9.39E-09	9.18E-10	1.03E-08	6.27E-05	2.17E-08	6.55E-08	7.24E-10	8.49E-09	9.21E-09	1.22E-07	7.23E-08
1337	493107.48, 3866840.19	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	5.10E-07	2.76E-07
1338	495815.79, 3861662.87	6.29E-03	6.58E-06	3.81E-06	9.05E-07	8.85E-08	9.94E-07	6.03E-03	2.09E-06	6.30E-06	6.97E-08	8.16E-07	8.86E-07	3.84E-06	3.10E-06
1339	480272.33, 3841389.2	1.19E-04	1.25E-07	7.21E-08	1.71E-08	1.68E-09	1.88E-08	1.13E-04	3.90E-08	1.18E-07	1.30E-09	1.53E-08	1.66E-08	2.76E-07	1.57E-07
1340	497005.18, 3862813.64	2.20E-03	2.30E-06	1.33E-06	3.16E-07	3.09E-08	3.47E-07	2.10E-03	7.26E-07	2.19E-06	2.42E-08	2.84E-07	3.08E-07	1.68E-06	1.25E-06
1341	493677.33, 3860302.55	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.36E-08	3.77E-07	2.31E-03	8.01E-07	2.42E-06	2.67E-08	3.13E-07	3.40E-07	5.31E-06	3.06E-06
1342	493727.33, 3860302.55	2.35E-03	2.46E-06	1.42E-06	3.38E-07	3.30E-08	3.71E-07	2.27E-03	7.87E-07	2.38E-06	2.63E-08	3.08E-07	3.34E-07	5.25E-06	3.02E-06
1343	493777.33, 3860302.55	2.30E-03	2.41E-06	1.39E-06	3.31E-07	3.24E-08	3.64E-07	2.23E-03	7.73E-07	2.33E-06	2.58E-08	3.02E-07	3.28E-07	5.19E-06	2.98E-06
1344	493827.33, 3860302.55	2.26E-03	2.36E-06	1.37E-06	3.25E-07	3.18E-08	3.57E-07	2.19E-03	7.59E-07	2.29E-06	2.53E-08	2.97E-07	3.22E-07	5.14E-06	2.95E-06
1345	493877.33, 3860302.55	2.23E-03	2.33E-06	1.35E-06	3.20E-07	3.13E-08	3.52E-07	2.16E-03	7.48E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	5.09E-06	2.91E-06
1346	493927.33, 3860302.55	2.20E-03	2.30E-06	1.33E-06	3.16E-07	3.09E-08	3.47E-07	2.13E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	5.02E-06	2.88E-06
1347	493977.33, 3860302.55	2.14E-03	2.24E-06	1.30E-06	3.08E-07	3.01E-08	3.38E-07	2.08E-03	7.19E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	4.99E-06	2.85E-06
1348	494027.33, 3860302.55	2.10E-03	2.19E-06	1.27E-06	3.02E-07	2.95E-08	3.31E-07	2.04E-03	7.05E-07	2.13E-06	2.36E-08	2.76E-07	3.00E-07	4.94E-06	2.82E-06
1349	493677.33, 3860352.55	2.47E-03	2.58E-06	1.49E-06	3.55E-07	3.47E-08	3.90E-07	2.39E-03	8.26E-07	2.49E-06	2.76E-08	3.23E-07	3.51E-07	4.99E-06	2.91E-06
1350	493727.33, 3860352.55	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.42E-08	3.83E-07	2.35E-03	8.13E-07	2.46E-06	2.72E-08	3.18E-07	3.45E-07	4.94E-06	2.88E-06
1351	493777.33, 3860352.55	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.36E-08	3.77E-07	2.31E-03	8.01E-07	2.42E-06	2.67E-08	3.13E-07	3.40E-07	4.88E-06	2.85E-06
1352	493827.33, 3860352.55	2.35E-03	2.46E-06	1.42E-06	3.38E-07	3.31E-08	3.71E-07	2.28E-03	7.88E-07	2.38E-06	2.63E-08	3.08E-07	3.35E-07	4.83E-06	2.81E-06
1353	493877.33, 3860352.55	2.31E-03	2.41E-06	1.40E-06	3.32E-07	3.24E-08	3.64E-07	2.23E-03	7.73E-07	2.33E-06	2.58E-08	3.03E-07	3.28E-07	4.78E-06	2.78E-06
1354	493927.33, 3860352.55	2.26E-03	2.36E-06	1.36E-06	3.24E-07	3.17E-08	3.56E-07	2.19E-03	7.56E-07	2.28E-06	2.53E-08	2.96E-07	3.21E-07	4.74E-06	2.75E-06
1355	493977.33, 3860352.55	2.20E-03	2.30E-06	1.33E-06	3.17E-07	3.10E-08	3.48E-07	2.13E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	4.70E-06	2.72E-06
1356	494027.33, 3860352.55	2.17E-03	2.27E-06	1.31E-06	3.12E-07	3.05E-08	3.42E-07	2.10E-03	7.28E-07	2.20E-06	2.43E-08	2.85E-07	3.09E-07	4.66E-06	2.69E-06
1357	493677.33, 3860402.55	2.56E-03	2.68E-06	1.55E-06	3.69E-07	3.61E-08	4.05E-07	2.48E-03	8.57E-07	2.59E-06	2.86E-08	3.35E-07	3.64E-07	4.83E-06	2.85E-06
1358	493727.33, 3860402.55	2.52E-03	2.64E-06	1.53E-06	3.63E-07	3.55E-08	3.98E-07	2.44E-03	8.44E-07	2.55E-06	2.82E-08	3.30E-07	3.58E-07	4.77E-06	2.82E-06
1359	493777.33, 3860402.55	2.46E-03	2.57E-06	1.49E-06	3.53E-07	3.46E-08	3.88E-07	2.37E-03	8.22E-07	2.48E-06	2.75E-08	3.22E-07	3.49E-07	4.73E-06	2.78E-06
1360	493827.33, 3860402.55	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.41E-08	3.83E-07	2.35E-03	8.13E-07	2.45E-06	2.71E-08	3.18E-07	3.45E-07	4.68E-06	2.75E-06

1361	493877.33, 3860402.55	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.36E-08	3.77E-07	2.31E-03	8.00E-07	2.42E-06	2.67E-08	3.13E-07	3.40E-07	4.63E-06	2.72E-06
1362	493927.33, 3860402.55	2.33E-03	2.43E-06	1.41E-06	3.35E-07	3.28E-08	3.68E-07	2.25E-03	7.80E-07	2.36E-06	2.61E-08	3.05E-07	3.31E-07	4.59E-06	2.69E-06
1363	493977.33, 3860402.55	2.27E-03	2.37E-06	1.37E-06	3.26E-07	3.19E-08	3.58E-07	2.20E-03	7.61E-07	2.30E-06	2.54E-08	2.98E-07	3.23E-07	4.55E-06	2.66E-06
1364	494027.33, 3860402.55	2.24E-03	2.34E-06	1.36E-06	3.22E-07	3.15E-08	3.54E-07	2.17E-03	7.51E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	4.51E-06	2.64E-06
1365	493677.33, 3860452.55	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.73E-08	4.18E-07	2.56E-03	8.85E-07	2.67E-06	2.96E-08	3.46E-07	3.76E-07	4.71E-06	2.81E-06
1366	493727.33, 3860452.55	2.62E-03	2.74E-06	1.59E-06	3.77E-07	3.69E-08	4.14E-07	2.53E-03	8.76E-07	2.65E-06	2.93E-08	3.43E-07	3.72E-07	4.66E-06	2.78E-06
1367	493777.33, 3860452.55	2.58E-03	2.69E-06	1.56E-06	3.71E-07	3.62E-08	4.07E-07	2.49E-03	8.61E-07	2.60E-06	2.88E-08	3.37E-07	3.66E-07	4.60E-06	2.75E-06
1368	493827.33, 3860452.55	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	2.43E-03	8.42E-07	2.54E-06	2.81E-08	3.29E-07	3.58E-07	4.56E-06	2.71E-06
1369	493877.33, 3860452.55	2.46E-03	2.58E-06	1.49E-06	3.54E-07	3.47E-08	3.89E-07	2.38E-03	8.25E-07	2.49E-06	2.75E-08	3.23E-07	3.50E-07	4.51E-06	2.68E-06
1370	493927.33, 3860452.55	2.40E-03	2.50E-06	1.45E-06	3.45E-07	3.37E-08	3.78E-07	2.32E-03	8.02E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	4.48E-06	2.65E-06
1371	493977.33, 3860452.55	2.36E-03	2.46E-06	1.43E-06	3.39E-07	3.31E-08	3.72E-07	2.28E-03	7.90E-07	2.38E-06	2.64E-08	3.09E-07	3.35E-07	4.43E-06	2.62E-06
1372	494027.33, 3860452.55	2.32E-03	2.43E-06	1.40E-06	3.34E-07	3.26E-08	3.66E-07	2.25E-03	7.78E-07	2.35E-06	2.60E-08	3.04E-07	3.30E-07	4.40E-06	2.60E-06
1373	493677.33, 3860502.55	2.75E-03	2.87E-06	1.66E-06	3.95E-07	3.87E-08	4.34E-07	2.65E-03	9.17E-07	2.77E-06	3.06E-08	3.59E-07	3.89E-07	4.61E-06	2.78E-06
1374	493727.33, 3860502.55	2.71E-03	2.83E-06	1.64E-06	3.90E-07	3.81E-08	4.28E-07	2.62E-03	9.06E-07	2.73E-06	3.02E-08	3.54E-07	3.85E-07	4.55E-06	2.75E-06
1375	493777.33, 3860502.55	2.66E-03	2.78E-06	1.61E-06	3.83E-07	3.75E-08	4.21E-07	2.57E-03	8.89E-07	2.69E-06	2.97E-08	3.48E-07	3.78E-07	4.51E-06	2.72E-06
1376	493827.33, 3860502.55	2.61E-03	2.73E-06	1.58E-06	3.76E-07	3.68E-08	4.13E-07	2.53E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	4.46E-06	2.69E-06
1377	493877.33, 3860502.55	2.56E-03	2.67E-06	1.55E-06	3.68E-07	3.59E-08	4.04E-07	2.47E-03	8.54E-07	2.58E-06	2.85E-08	3.34E-07	3.63E-07	4.42E-06	2.65E-06
1378	493927.33, 3860502.55	2.49E-03	2.60E-06	1.51E-06	3.58E-07	3.50E-08	3.93E-07	2.41E-03	8.33E-07	2.51E-06	2.78E-08	3.26E-07	3.54E-07	4.38E-06	2.62E-06
1379	493977.33, 3860502.55	2.45E-03	2.57E-06	1.49E-06	3.53E-07	3.45E-08	3.88E-07	2.37E-03	8.21E-07	2.48E-06	2.74E-08	3.21E-07	3.49E-07	4.34E-06	2.59E-06
1380	494027.33, 3860502.55	2.41E-03	2.52E-06	1.46E-06	3.47E-07	3.39E-08	3.81E-07	2.33E-03	8.07E-07	2.44E-06	2.70E-08	3.16E-07	3.43E-07	4.30E-06	2.57E-06
1381	493627.33, 3860552.55	2.91E-03	3.04E-06	1.76E-06	4.19E-07	4.09E-08	4.59E-07	2.80E-03	9.71E-07	2.93E-06	3.24E-08	3.80E-07	4.12E-07	4.56E-06	2.79E-06
1382	493677.33, 3860552.55	2.87E-03	3.00E-06	1.74E-06	4.13E-07	4.04E-08	4.53E-07	2.76E-03	9.57E-07	2.89E-06	3.20E-08	3.74E-07	4.06E-07	4.51E-06	2.76E-06
1383	493727.33, 3860552.55	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	2.72E-03	9.42E-07	2.85E-06	3.15E-08	3.69E-07	4.00E-07	4.46E-06	2.73E-06
1384	493777.33, 3860552.55	2.77E-03	2.89E-06	1.68E-06	3.98E-07	3.89E-08	4.37E-07	2.67E-03	9.24E-07	2.79E-06	3.09E-08	3.61E-07	3.92E-07	4.42E-06	2.69E-06
1385	493827.33, 3860552.55	2.70E-03	2.83E-06	1.64E-06	3.89E-07	3.80E-08	4.27E-07	2.61E-03	9.03E-07	2.73E-06	3.01E-08	3.53E-07	3.83E-07	4.38E-06	2.66E-06
1386	493877.33, 3860552.55	2.66E-03	2.78E-06	1.61E-06	3.83E-07	3.74E-08	4.20E-07	2.57E-03	8.89E-07	2.68E-06	2.97E-08	3.48E-07	3.77E-07	4.33E-06	2.63E-06
1387	493927.33, 3860552.55	2.61E-03	2.72E-06	1.58E-06	3.75E-07	3.66E-08	4.11E-07	2.51E-03	8.70E-07	2.63E-06	2.90E-08	3.40E-07	3.69E-07	4.29E-06	2.60E-06
1388	493977.33, 3860552.55	2.54E-03	2.66E-06	1.54E-06	3.66E-07	3.58E-08	4.02E-07	2.46E-03	8.50E-07	2.57E-06	2.84E-08	3.33E-07	3.61E-07	4.25E-06	2.57E-06
1389	494027.33, 3860552.55	2.51E-03	2.62E-06	1.52E-06	3.61E-07	3.53E-08	3.96E-07	2.42E-03	8.38E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.21E-06	2.54E-06
1390	493627.33, 3860602.55	3.03E-03	3.17E-06	1.83E-06	4.36E-07	4.26E-08	4.78E-07	2.92E-03	1.01E-06	3.05E-06	3.37E-08	3.95E-07	4.29E-07	4.48E-06	2.77E-06
1391	493727.33, 3860602.55	2.95E-03	3.08E-06	1.78E-06	4.24E-07	4.15E-08	4.66E-07	2.84E-03	9.84E-07	2.97E-06	3.28E-08	3.85E-07	4.18E-07	4.38E-06	2.71E-06
1392	493777.33, 3860602.55	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.04E-08	4.54E-07	2.77E-03	9.59E-07	2.90E-06	3.20E-08	3.75E-07	4.07E-07	4.34E-06	2.67E-06
1393	493827.33, 3860602.55	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	2.72E-03	9.41E-07	2.84E-06	3.14E-08	3.68E-07	4.00E-07	4.29E-06	2.64E-06
1394	493877.33, 3860602.55	2.76E-03	2.88E-06	1.67E-06	3.96E-07	3.88E-08	4.35E-07	2.66E-03	9.20E-07	2.78E-06	3.07E-08	3.60E-07	3.90E-07	4.26E-06	2.61E-06
1395	493927.33, 3860602.55	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.80E-08	4.26E-07	2.61E-03	9.02E-07	2.72E-06	3.01E-08	3.53E-07	3.83E-07	4.21E-06	2.58E-06
1396	493977.33, 3860602.55	2.65E-03	2.77E-06	1.60E-06	3.80E-07	3.72E-08	4.18E-07	2.55E-03	8.84E-07	2.67E-06	2.95E-08	3.46E-07	3.75E-07	4.18E-06	2.55E-06
1397	494027.33, 3860602.55	2.61E-03	2.73E-06	1.58E-06	3.76E-07	3.67E-08	4.12E-07	2.52E-03	8.73E-07	2.63E-06	2.91E-08	3.41E-07	3.70E-07	4.14E-06	2.53E-06
1398	493627.33, 3860652.55	3.17E-03	3.31E-06	1.92E-06	4.56E-07	4.46E-08	5.00E-07	3.05E-03	1.06E-06	3.19E-06	3.52E-08	4.13E-07	4.48E-07	4.40E-06	2.76E-06
1399	493727.33, 3860652.55	3.08E-03	3.21E-06	1.86E-06	4.42E-07	4.32E-08	4.85E-07	2.96E-03	1.02E-06	3.09E-06	3.42E-08	4.01E-07	4.35E-07	4.31E-06	2.70E-06
1400	493777.33, 3860652.55	3.01E-03	3.14E-06	1.82E-06	4.32E-07	4.23E-08	4.74E-07	2.89E-03	1.00E-06	3.02E-06	3.34E-08	3.92E-07	4.25E-07	4.27E-06	2.67E-06
1401	493827.33, 3860652.55	2.94E-03	3.07E-06	1.78E-06	4.22E-07	4.13E-08	4.64E-07	2.83E-03	9.79E-07	2.96E-06	3.27E-08	3.83E-07	4.16E-07	4.22E-06	2.63E-06
1402	493877.33, 3860652.55	2.87E-03	3.00E-06	1.74E-06	4.12E-07	4.03E-08	4.53E-07	2.76E-03	9.56E-07	2.89E-06	3.19E-08	3.74E-07	4.06E-07	4.18E-06	2.60E-06
1403	493927.33, 3860652.55	2.81E-03	2.94E-06	1.70E-06	4.04E-07	3.96E-08	4.44E-07	2.71E-03	9.38E-07	2.83E-06	3.13E-08	3.67E-07	3.98E-07	4.15E-06	2.57E-06
1404	493977.33, 3860652.55	2.76E-03	2.89E-06	1.67E-06	3.97E-07	3.89E-08	4.36E-07	2.66E-03	9.22E-07	2.78E-06	3.08E-08	3.61E-07	3.91E-07	4.11E-06	2.54E-06
1405	494027.33, 3860652.55	2.70E-03	2.83E-06	1.64E-06	3.89E-07	3.80E-08	4.27E-07	2.61E-03	9.02E-07	2.72E-06	3.01E-08	3.53E-07	3.83E-07	4.07E-06	2.51E-06
1406	494311.06, 3858401.99	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	5.21E-06	2.69E-06
1407	494361.06, 3858401.99	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	5.13E-06	2.64E-06
1408	494411.06, 3858401.99	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	5.07E-06	2.61E-06
1409	494461.06, 3858401.99	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.11E-04	2.46E-07	7.43E-07	8.22E-09	9.63E-08	1.05E-07	5.04E-06	2.60E-06
1410	494511.06, 3858401.99	7.28E-04	7.61E-07	4.40E-07	1.05E-07	1.02E-08	1.15E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.98E-06	2.57E-06
1411	494561.06, 3858401.99	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.03E-04	2.43E-07	7.35E-07	8.13E-09	9.53E-08	1.03E-07	4.94E-06	2.55E-06
1412	494611.06, 3858401.99	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	4.86E-06	2.51E-06
1413	494661.06, 3858401.99	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.81E-06	2.48E-06
1414	494711.06, 3858401.99	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.74E-06	2.45E-06
1415	494761.06, 3858401.99	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	4.70E-06	2.42E-06
1416	494811.06, 3858401.99	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	4.63E-06	2.39E-06
1417	494861.06, 3858401.99	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	4.58E-06	2.37E-06
1418	494911.06, 3858401.99	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	4.53E-06	2.34E-06
1419	494961.06, 3858401.99	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.64E-04	2.30E-07	6.94E-07	7.68E-09	8.99E-08	9.76E-08	4.48E-06	2.32E-06
1420	495011.06, 3858401.99	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	4.41E-06	2.28E-06
1421	495061.06, 3858401.99	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	4.36E-06	2.26E-06
1422	495111.06, 3858401.99	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	4.27E-06	2.21E-06

1423	495161.06, 3858401.99	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	4.25E-06	2.20E-06
1424	495211.06, 3858401.99	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	4.17E-06	2.16E-06
1425	495261.06, 3858401.99	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	6.33E-04	2.19E-07	6.61E-07	7.32E-09	8.57E-08	9.30E-08	4.12E-06	2.13E-06
1426	495311.06, 3858401.99	6.48E-04	6.77E-07	3.92E-07	9.32E-08	9.11E-09	1.02E-07	6.30E-04	2.18E-07	6.58E-07	7.28E-09	8.53E-08	9.26E-08	4.07E-06	2.11E-06
1427	495361.06, 3858401.99	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.27E-04	2.17E-07	6.55E-07	7.24E-09	8.49E-08	9.21E-08	4.04E-06	2.09E-06
1428	495411.06, 3858401.99	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	6.23E-04	2.16E-07	6.52E-07	7.21E-09	8.44E-08	9.16E-08	4.02E-06	2.08E-06
1429	495461.06, 3858401.99	6.41E-04	6.70E-07	3.88E-07	9.22E-08	9.02E-09	1.01E-07	6.22E-04	2.15E-07	6.50E-07	7.19E-09	8.42E-08	9.14E-08	4.00E-06	2.07E-06
1430	495511.06, 3858401.99	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	3.98E-06	2.06E-06
1431	495561.06, 3858401.99	6.35E-04	6.64E-07	3.84E-07	9.13E-08	8.93E-09	1.00E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	3.95E-06	2.05E-06
1432	495611.06, 3858401.99	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	6.14E-04	2.13E-07	6.42E-07	7.10E-09	8.32E-08	9.03E-08	3.93E-06	2.04E-06
1433	495661.06, 3858401.99	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	3.93E-06	2.04E-06
1434	494311.06, 3858451.99	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	5.33E-06	2.75E-06
1435	494361.06, 3858451.99	7.62E-04	7.97E-07	4.61E-07	1.10E-07	1.07E-08	1.20E-07	7.38E-04	2.55E-07	7.71E-07	8.53E-09	9.99E-08	1.08E-07	5.26E-06	2.71E-06
1436	494411.06, 3858451.99	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	7.33E-04	2.54E-07	7.66E-07	8.47E-09	9.93E-08	1.08E-07	5.20E-06	2.68E-06
1437	494461.06, 3858451.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	5.15E-06	2.65E-06
1438	494511.06, 3858451.99	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.24E-04	2.51E-07	7.56E-07	8.37E-09	9.80E-08	1.06E-07	5.11E-06	2.63E-06
1439	494561.06, 3858451.99	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	5.04E-06	2.60E-06
1440	494611.06, 3858451.99	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	4.99E-06	2.57E-06
1441	494661.06, 3858451.99	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.08E-04	2.45E-07	7.40E-07	8.18E-09	9.59E-08	1.04E-07	4.94E-06	2.55E-06
1442	494711.06, 3858451.99	7.26E-04	7.59E-07	4.40E-07	1.04E-07	1.02E-08	1.15E-07	7.02E-04	2.43E-07	7.34E-07	8.11E-09	9.50E-08	1.03E-07	4.87E-06	2.51E-06
1443	494761.06, 3858451.99	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	4.81E-06	2.48E-06
1444	494811.06, 3858451.99	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.73E-06	2.44E-06
1445	494861.06, 3858451.99	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.67E-06	2.41E-06
1446	494911.06, 3858451.99	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	4.61E-06	2.38E-06
1447	494961.06, 3858451.99	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	4.54E-06	2.35E-06
1448	495011.06, 3858451.99	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	4.47E-06	2.31E-06
1449	495061.06, 3858451.99	6.87E-04	7.18E-07	4.16E-07	9.88E-08	9.66E-09	1.08E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	4.43E-06	2.29E-06
1450	495111.06, 3858451.99	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	4.36E-06	2.26E-06
1451	495161.06, 3858451.99	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.53E-04	2.26E-07	6.83E-07	7.55E-09	8.85E-08	9.60E-08	4.29E-06	2.22E-06
1452	495211.06, 3858451.99	6.68E-04	6.98E-07	4.04E-07	9.60E-08	9.39E-09	1.05E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	4.22E-06	2.19E-06
1453	495261.06, 3858451.99	6.63E-04	6.93E-07	4.01E-07	9.53E-08	9.32E-09	1.05E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	4.18E-06	2.16E-06
1454	495311.06, 3858451.99	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.39E-04	2.21E-07	6.68E-07	7.39E-09	8.66E-08	9.39E-08	4.14E-06	2.15E-06
1455	495361.06, 3858451.99	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.36E-04	2.20E-07	6.65E-07	7.35E-09	8.61E-08	9.35E-08	4.11E-06	2.13E-06
1456	495411.06, 3858451.99	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	4.09E-06	2.12E-06
1457	495461.06, 3858451.99	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	6.33E-04	2.19E-07	6.61E-07	7.32E-09	8.57E-08	9.30E-08	4.07E-06	2.11E-06
1458	495511.06, 3858451.99	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.30E-04	2.18E-07	6.58E-07	7.28E-09	8.53E-08	9.26E-08	4.03E-06	2.09E-06
1459	495561.06, 3858451.99	6.48E-04	6.77E-07	3.92E-07	9.32E-08	9.11E-09	1.02E-07	6.28E-04	2.17E-07	6.57E-07	7.26E-09	8.51E-08	9.23E-08	4.03E-06	2.09E-06
1460	495611.06, 3858451.99	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	3.99E-06	2.07E-06
1461	495661.06, 3858451.99	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	6.23E-04	2.16E-07	6.52E-07	7.21E-09	8.44E-08	9.16E-08	3.98E-06	2.06E-06
1462	494311.06, 3858501.99	7.82E-04	8.17E-07	4.73E-07	1.12E-07	1.10E-08	1.23E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	5.38E-06	2.77E-06
1463	494361.06, 3858501.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.53E-04	2.61E-07	7.88E-07	8.71E-09	1.02E-07	1.11E-07	5.32E-06	2.74E-06
1464	494411.06, 3858501.99	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	5.27E-06	2.72E-06
1465	494461.06, 3858501.99	7.67E-04	8.02E-07	4.64E-07	1.10E-07	1.08E-08	1.21E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	5.22E-06	2.69E-06
1466	494511.06, 3858501.99	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.36E-04	2.55E-07	7.70E-07	8.51E-09	9.97E-08	1.08E-07	5.15E-06	2.66E-06
1467	494561.06, 3858501.99	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	5.15E-06	2.65E-06
1468	494611.06, 3858501.99	7.52E-04	7.87E-07	4.55E-07	1.08E-07	1.06E-08	1.19E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	5.09E-06	2.62E-06
1469	494661.06, 3858501.99	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.24E-04	2.51E-07	7.56E-07	8.37E-09	9.80E-08	1.06E-07	5.04E-06	2.60E-06
1470	494711.06, 3858501.99	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	4.97E-06	2.57E-06
1471	494761.06, 3858501.99	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.11E-04	2.46E-07	7.43E-07	8.22E-09	9.63E-08	1.05E-07	4.90E-06	2.53E-06
1472	494811.06, 3858501.99	7.28E-04	7.61E-07	4.40E-07	1.05E-07	1.02E-08	1.15E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	4.83E-06	2.49E-06
1473	494861.06, 3858501.99	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	4.78E-06	2.47E-06
1474	494911.06, 3858501.99	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.67E-06	2.41E-06
1475	494961.06, 3858501.99	7.10E-04	7.42E-07	4.30E-07	1.02E-07	9.99E-09	1.12E-07	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	4.62E-06	2.39E-06
1476	495011.06, 3858501.99	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	4.54E-06	2.35E-06
1477	495061.06, 3858501.99	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	4.50E-06	2.33E-06
1478	495111.06, 3858501.99	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	4.41E-06	2.28E-06
1479	495161.06, 3858501.99	6.84E-04	7.15E-07	4.14E-07	9.83E-08	9.62E-09	1.08E-07	6.64E-04	2.30E-07	6.94E-07	7.68E-09	8.99E-08	9.76E-08	4.35E-06	2.25E-06
1480	495211.06, 3858501.99	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	4.28E-06	2.22E-06
1481	495261.06, 3858501.99	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	4.24E-06	2.20E-06
1482	495311.06, 3858501.99	6.71E-04	7.01E-07	4.06E-07	9.65E-08	9.43E-09	1.06E-07	6.52E-04	2.26E-07	6.81E-07	7.53E-09	8.82E-08	9.58E-08	4.21E-06	2.18E-06
1483	495361.06, 3858501.99	6.68E-04	6.98E-07	4.04E-07	9.60E-08	9.39E-09	1.05E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	4.18E-06	2.17E-06
1484	495411.06, 3858501.99	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.45E-04	2.23E-07	6.75E-07	7.46E-09	8.74E-08	9.49E-08	4.16E-06	2.15E-06

1485	495461.06, 3858501.99	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	4.14E-06	2.14E-06
1486	495511.06, 3858501.99	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	6.41E-04	2.22E-07	6.70E-07	7.41E-09	8.68E-08	9.42E-08	4.11E-06	2.13E-06
1487	495561.06, 3858501.99	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	6.41E-04	2.22E-07	6.70E-07	7.41E-09	8.68E-08	9.42E-08	4.11E-06	2.13E-06
1488	495611.06, 3858501.99	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.36E-04	2.20E-07	6.65E-07	7.35E-09	8.61E-08	9.35E-08	4.07E-06	2.11E-06
1489	495661.06, 3858501.99	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	4.06E-06	2.10E-06
1490	494311.06, 3858551.99	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	5.36E-06	2.77E-06
1491	494361.06, 3858551.99	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	5.36E-06	2.77E-06
1492	494411.06, 3858551.99	7.88E-04	8.24E-07	4.77E-07	1.13E-07	1.11E-08	1.24E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	5.35E-06	2.76E-06
1493	494461.06, 3858551.99	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	5.33E-06	2.75E-06
1494	494511.06, 3858551.99	7.80E-04	8.16E-07	4.72E-07	1.12E-07	1.10E-08	1.23E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	5.28E-06	2.72E-06
1495	494561.06, 3858551.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	5.24E-06	2.70E-06
1496	494611.06, 3858551.99	7.72E-04	8.07E-07	4.67E-07	1.11E-07	1.09E-08	1.22E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	5.19E-06	2.68E-06
1497	494661.06, 3858551.99	7.67E-04	8.02E-07	4.64E-07	1.10E-07	1.08E-08	1.21E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	5.14E-06	2.65E-06
1498	494711.06, 3858551.99	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	5.07E-06	2.62E-06
1499	494761.06, 3858551.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	4.99E-06	2.58E-06
1500	494811.06, 3858551.99	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	4.93E-06	2.55E-06
1501	494861.06, 3858551.99	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	4.86E-06	2.51E-06
1502	494911.06, 3858551.99	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.78E-06	2.47E-06
1503	494961.06, 3858551.99	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	4.71E-06	2.44E-06
1504	495011.06, 3858551.99	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.63E-06	2.39E-06
1505	495061.06, 3858551.99	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	4.56E-06	2.36E-06
1506	495111.06, 3858551.99	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	4.46E-06	2.31E-06
1507	495161.06, 3858551.99	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	4.40E-06	2.28E-06
1508	495211.06, 3858551.99	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	4.34E-06	2.25E-06
1509	495261.06, 3858551.99	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.64E-04	2.30E-07	6.94E-07	7.68E-09	8.99E-08	9.76E-08	4.30E-06	2.23E-06
1510	495311.06, 3858551.99	6.84E-04	7.15E-07	4.14E-07	9.83E-08	9.62E-09	1.08E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	4.28E-06	2.22E-06
1511	495361.06, 3858551.99	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	4.25E-06	2.20E-06
1512	495411.06, 3858551.99	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	4.23E-06	2.19E-06
1513	495461.06, 3858551.99	6.76E-04	7.06E-07	4.09E-07	9.72E-08	9.50E-09	1.07E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	4.21E-06	2.18E-06
1514	495511.06, 3858551.99	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.53E-04	2.26E-07	6.83E-07	7.55E-09	8.85E-08	9.60E-08	4.19E-06	2.17E-06
1515	495561.06, 3858551.99	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.50E-04	2.25E-07	6.79E-07	7.51E-09	8.80E-08	9.56E-08	4.17E-06	2.16E-06
1516	495611.06, 3858551.99	6.69E-04	6.99E-07	4.05E-07	9.62E-08	9.41E-09	1.06E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	4.14E-06	2.15E-06
1517	495661.06, 3858551.99	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.45E-04	2.23E-07	6.75E-07	7.46E-09	8.74E-08	9.49E-08	4.11E-06	2.13E-06
1518	494311.06, 3858601.99	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	5.19E-06	2.68E-06
1519	494361.06, 3858601.99	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	5.37E-06	2.77E-06
1520	494411.06, 3858601.99	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.83E-04	2.71E-07	8.19E-07	9.05E-09	1.06E-07	1.15E-07	5.46E-06	2.82E-06
1521	494461.06, 3858601.99	8.05E-04	8.41E-07	4.87E-07	1.16E-07	1.13E-08	1.27E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	5.43E-06	2.80E-06
1522	494511.06, 3858601.99	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	5.37E-06	2.77E-06
1523	494561.06, 3858601.99	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	5.34E-06	2.76E-06
1524	494611.06, 3858601.99	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	5.28E-06	2.73E-06
1525	494661.06, 3858601.99	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	5.23E-06	2.70E-06
1526	494711.06, 3858601.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	5.16E-06	2.66E-06
1527	494761.06, 3858601.99	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	5.09E-06	2.63E-06
1528	494811.06, 3858601.99	7.61E-04	7.95E-07	4.60E-07	1.09E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	5.00E-06	2.58E-06
1529	494861.06, 3858601.99	7.54E-04	7.88E-07	4.56E-07	1.08E-07	1.06E-08	1.19E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	4.94E-06	2.55E-06
1530	494911.06, 3858601.99	7.44E-04	7.78E-07	4.50E-07	1.07E-07	1.05E-08	1.17E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	4.84E-06	2.50E-06
1531	494961.06, 3858601.99	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	4.78E-06	2.47E-06
1532	495011.06, 3858601.99	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.71E-06	2.44E-06
1533	495061.06, 3858601.99	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	4.64E-06	2.40E-06
1534	495111.06, 3858601.99	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	4.52E-06	2.34E-06
1535	495161.06, 3858601.99	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.46E-06	2.31E-06
1536	495211.06, 3858601.99	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	4.42E-06	2.29E-06
1537	495261.06, 3858601.99	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	4.37E-06	2.27E-06
1538	495311.06, 3858601.99	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	4.34E-06	2.25E-06
1539	495361.06, 3858601.99	6.94E-04	7.25E-07	4.20E-07	9.98E-08	9.76E-09	1.10E-07	6.70E-04	2.32E-07	7.01E-07	7.75E-09	9.08E-08	9.85E-08	4.31E-06	2.24E-06
1540	495411.06, 3858601.99	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	4.29E-06	2.23E-06
1541	495461.06, 3858601.99	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	4.27E-06	2.22E-06
1542	495511.06, 3858601.99	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	4.24E-06	2.20E-06
1543	495561.06, 3858601.99	6.84E-04	7.15E-07	4.14E-07	9.83E-08	9.62E-09	1.08E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	4.23E-06	2.19E-06
1544	495611.06, 3858601.99	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	4.19E-06	2.17E-06
1545	495661.06, 3858601.99	6.77E-04	7.08E-07	4.10E-07	9.74E-08	9.53E-09	1.07E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	4.17E-06	2.16E-06
1546	494311.06, 3858651.99	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	5.19E-06	2.68E-06

1547	494361.06, 3858651.99	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	7.82E-04	2.71E-07	8.17E-07	9.04E-09	1.06E-07	1.15E-07	5.37E-06	2.77E-06
1548	494411.06, 3858651.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.53E-06	2.85E-06
1549	494461.06, 3858651.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.97E-04	2.76E-07	8.33E-07	9.22E-09	1.08E-07	1.17E-07	5.50E-06	2.84E-06
1550	494511.06, 3858651.99	8.19E-04	8.56E-07	4.96E-07	1.18E-07	1.15E-08	1.29E-07	7.93E-04	2.74E-07	8.28E-07	9.16E-09	1.07E-07	1.17E-07	5.46E-06	2.82E-06
1551	494561.06, 3858651.99	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	5.42E-06	2.80E-06
1552	494611.06, 3858651.99	8.10E-04	8.46E-07	4.90E-07	1.16E-07	1.14E-08	1.28E-07	7.83E-04	2.71E-07	8.19E-07	9.05E-09	1.06E-07	1.15E-07	5.38E-06	2.78E-06
1553	494661.06, 3858651.99	8.03E-04	8.39E-07	4.86E-07	1.15E-07	1.13E-08	1.27E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	5.31E-06	2.74E-06
1554	494711.06, 3858651.99	7.95E-04	8.31E-07	4.81E-07	1.14E-07	1.12E-08	1.25E-07	7.68E-04	2.66E-07	8.02E-07	8.87E-09	1.04E-07	1.13E-07	5.24E-06	2.70E-06
1555	494761.06, 3858651.99	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	5.17E-06	2.67E-06
1556	494811.06, 3858651.99	7.79E-04	8.14E-07	4.71E-07	1.12E-07	1.09E-08	1.23E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	5.09E-06	2.63E-06
1557	494861.06, 3858651.99	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	5.01E-06	2.59E-06
1558	494911.06, 3858651.99	7.61E-04	7.95E-07	4.60E-07	1.09E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	4.92E-06	2.55E-06
1559	494961.06, 3858651.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	4.84E-06	2.50E-06
1560	495011.06, 3858651.99	7.44E-04	7.78E-07	4.50E-07	1.07E-07	1.05E-08	1.17E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	4.77E-06	2.47E-06
1561	495061.06, 3858651.99	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	4.70E-06	2.43E-06
1562	495111.06, 3858651.99	7.28E-04	7.61E-07	4.40E-07	1.05E-07	1.02E-08	1.15E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	4.62E-06	2.39E-06
1563	495161.06, 3858651.99	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	4.56E-06	2.36E-06
1564	495211.06, 3858651.99	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.50E-06	2.33E-06
1565	495261.06, 3858651.99	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	4.47E-06	2.32E-06
1566	495311.06, 3858651.99	7.10E-04	7.42E-07	4.30E-07	1.02E-07	9.99E-09	1.12E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.42E-06	2.29E-06
1567	495361.06, 3858651.99	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	4.39E-06	2.28E-06
1568	495411.06, 3858651.99	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	4.37E-06	2.27E-06
1569	495461.06, 3858651.99	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	4.36E-06	2.26E-06
1570	495511.06, 3858651.99	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	4.32E-06	2.24E-06
1571	495561.06, 3858651.99	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.72E-04	2.33E-07	7.02E-07	7.77E-09	9.10E-08	9.88E-08	4.28E-06	2.22E-06
1572	495611.06, 3858651.99	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	4.24E-06	2.20E-06
1573	495661.06, 3858651.99	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	4.22E-06	2.19E-06
1574	494311.06, 3858701.99	8.13E-04	8.50E-07	4.92E-07	1.17E-07	1.14E-08	1.28E-07	7.90E-04	2.73E-07	8.25E-07	9.13E-09	1.07E-07	1.16E-07	5.28E-06	2.73E-06
1575	494361.06, 3858701.99	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	5.51E-06	2.84E-06
1576	494411.06, 3858701.99	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	5.60E-06	2.89E-06
1577	494461.06, 3858701.99	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.57E-06	2.88E-06
1578	494511.06, 3858701.99	8.39E-04	8.77E-07	5.08E-07	1.21E-07	1.18E-08	1.32E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.53E-06	2.86E-06
1579	494561.06, 3858701.99	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	5.49E-06	2.84E-06
1580	494611.06, 3858701.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.40E-06	2.79E-06
1581	494661.06, 3858701.99	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	7.93E-04	2.74E-07	8.28E-07	9.16E-09	1.07E-07	1.17E-07	5.38E-06	2.78E-06
1582	494711.06, 3858701.99	8.01E-04	8.38E-07	4.85E-07	1.15E-07	1.13E-08	1.27E-07	7.74E-04	2.68E-07	8.09E-07	8.95E-09	1.05E-07	1.14E-07	5.21E-06	2.70E-06
1583	494761.06, 3858701.99	8.03E-04	8.39E-07	4.86E-07	1.15E-07	1.13E-08	1.27E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	5.22E-06	2.70E-06
1584	494811.06, 3858701.99	7.92E-04	8.27E-07	4.79E-07	1.14E-07	1.11E-08	1.25E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	5.14E-06	2.66E-06
1585	494861.06, 3858701.99	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	5.07E-06	2.62E-06
1586	494911.06, 3858701.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	5.00E-06	2.59E-06
1587	494961.06, 3858701.99	7.66E-04	8.00E-07	4.63E-07	1.10E-07	1.08E-08	1.21E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	4.89E-06	2.53E-06
1588	495011.06, 3858701.99	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	4.81E-06	2.49E-06
1589	495061.06, 3858701.99	7.52E-04	7.87E-07	4.55E-07	1.08E-07	1.06E-08	1.19E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	4.77E-06	2.47E-06
1590	495111.06, 3858701.99	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	4.68E-06	2.42E-06
1591	495161.06, 3858701.99	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	4.63E-06	2.40E-06
1592	495211.06, 3858701.99	7.30E-04	7.63E-07	4.41E-07	1.05E-07	1.03E-08	1.15E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.57E-06	2.37E-06
1593	495261.06, 3858701.99	7.28E-04	7.61E-07	4.40E-07	1.05E-07	1.02E-08	1.15E-07	7.03E-04	2.43E-07	7.35E-07	8.13E-09	9.53E-08	1.03E-07	4.54E-06	2.35E-06
1594	495311.06, 3858701.99	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	4.52E-06	2.34E-06
1595	495361.06, 3858701.99	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	4.48E-06	2.32E-06
1596	495411.06, 3858701.99	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	4.47E-06	2.32E-06
1597	495461.06, 3858701.99	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.44E-06	2.30E-06
1598	495511.06, 3858701.99	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	4.41E-06	2.29E-06
1599	495561.06, 3858701.99	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.85E-04	2.37E-07	7.16E-07	7.91E-09	9.27E-08	1.01E-07	4.37E-06	2.27E-06
1600	495611.06, 3858701.99	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	4.33E-06	2.25E-06
1601	495661.06, 3858701.99	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	4.30E-06	2.23E-06
1602	494311.06, 3858751.99	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	5.39E-06	2.79E-06
1603	494361.06, 3858751.99	8.57E-04	8.96E-07	5.19E-07	1.23E-07	1.21E-08	1.35E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	5.62E-06	2.90E-06
1604	494411.06, 3858751.99	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	8.37E-04	2.90E-07	8.74E-07	9.67E-09	1.13E-07	1.23E-07	5.67E-06	2.93E-06
1605	494461.06, 3858751.99	8.62E-04	9.01E-07	5.21E-07	1.24E-07	1.21E-08	1.36E-07	8.32E-04	2.88E-07	8.69E-07	9.62E-09	1.13E-07	1.22E-07	5.64E-06	2.92E-06
1606	494511.06, 3858751.99	8.62E-04	9.01E-07	5.21E-07	1.24E-07	1.21E-08	1.36E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	5.61E-06	2.90E-06
1607	494561.06, 3858751.99	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	5.56E-06	2.87E-06
1608	494611.06, 3858751.99	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	5.49E-06	2.84E-06

1609	494661.06, 3858751.99	8.36E-04	8.74E-07	5.06E-07	1.20E-07	1.18E-08	1.32E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	5.44E-06	2.81E-06
1610	494711.06, 3858751.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.34E-06	2.76E-06
1611	494761.06, 3858751.99	8.19E-04	8.56E-07	4.96E-07	1.18E-07	1.15E-08	1.29E-07	7.93E-04	2.74E-07	8.28E-07	9.16E-09	1.07E-07	1.17E-07	5.29E-06	2.73E-06
1612	494811.06, 3858751.99	8.10E-04	8.46E-07	4.90E-07	1.16E-07	1.14E-08	1.28E-07	7.82E-04	2.71E-07	8.17E-07	9.04E-09	1.06E-07	1.15E-07	5.20E-06	2.69E-06
1613	494861.06, 3858751.99	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	5.12E-06	2.65E-06
1614	494911.06, 3858751.99	7.88E-04	8.24E-07	4.77E-07	1.13E-07	1.11E-08	1.24E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	5.03E-06	2.60E-06
1615	494961.06, 3858751.99	7.82E-04	8.17E-07	4.73E-07	1.12E-07	1.10E-08	1.23E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	4.96E-06	2.57E-06
1616	495011.06, 3858751.99	7.75E-04	8.10E-07	4.69E-07	1.11E-07	1.09E-08	1.22E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	4.91E-06	2.54E-06
1617	495061.06, 3858751.99	7.67E-04	8.02E-07	4.64E-07	1.10E-07	1.08E-08	1.21E-07	7.41E-04	2.56E-07	7.74E-07	8.57E-09	1.00E-07	1.09E-07	4.84E-06	2.50E-06
1618	495111.06, 3858751.99	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.33E-04	2.54E-07	7.66E-07	8.47E-09	9.93E-08	1.08E-07	4.75E-06	2.46E-06
1619	495161.06, 3858751.99	7.52E-04	7.87E-07	4.55E-07	1.08E-07	1.06E-08	1.19E-07	7.27E-04	2.52E-07	7.60E-07	8.40E-09	9.84E-08	1.07E-07	4.70E-06	2.44E-06
1620	495211.06, 3858751.99	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	4.64E-06	2.40E-06
1621	495261.06, 3858751.99	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	4.61E-06	2.39E-06
1622	495311.06, 3858751.99	7.39E-04	7.73E-07	4.47E-07	1.06E-07	1.04E-08	1.17E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	4.58E-06	2.38E-06
1623	495361.06, 3858751.99	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.11E-04	2.46E-07	7.43E-07	8.22E-09	9.63E-08	1.05E-07	4.55E-06	2.36E-06
1624	495411.06, 3858751.99	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.10E-04	2.46E-07	7.42E-07	8.20E-09	9.61E-08	1.04E-07	4.54E-06	2.35E-06
1625	495461.06, 3858751.99	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.52E-06	2.34E-06
1626	495511.06, 3858751.99	7.28E-04	7.61E-07	4.40E-07	1.05E-07	1.02E-08	1.15E-07	7.02E-04	2.43E-07	7.34E-07	8.11E-09	9.50E-08	1.03E-07	4.48E-06	2.32E-06
1627	495561.06, 3858751.99	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	4.44E-06	2.30E-06
1628	495611.06, 3858751.99	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	4.40E-06	2.28E-06
1629	495661.06, 3858751.99	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	4.37E-06	2.27E-06
1630	494311.06, 3858801.99	8.59E-04	8.97E-07	5.20E-07	1.23E-07	1.21E-08	1.36E-07	8.32E-04	2.88E-07	8.69E-07	9.62E-09	1.13E-07	1.22E-07	5.53E-06	2.86E-06
1631	494361.06, 3858801.99	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.52E-04	2.95E-07	8.91E-07	9.85E-09	1.15E-07	1.25E-07	5.70E-06	2.95E-06
1632	494411.06, 3858801.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.72E-06	2.96E-06
1633	494461.06, 3858801.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.70E-06	2.95E-06
1634	494511.06, 3858801.99	8.85E-04	9.25E-07	5.35E-07	1.27E-07	1.24E-08	1.40E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.67E-06	2.93E-06
1635	494561.06, 3858801.99	8.78E-04	9.18E-07	5.31E-07	1.26E-07	1.23E-08	1.39E-07	8.49E-04	2.94E-07	8.87E-07	9.81E-09	1.15E-07	1.25E-07	5.63E-06	2.91E-06
1636	494611.06, 3858801.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	5.58E-06	2.89E-06
1637	494661.06, 3858801.99	8.60E-04	8.99E-07	5.20E-07	1.24E-07	1.21E-08	1.36E-07	8.32E-04	2.88E-07	8.69E-07	9.62E-09	1.13E-07	1.22E-07	5.50E-06	2.85E-06
1638	494711.06, 3858801.99	8.50E-04	8.89E-07	5.15E-07	1.22E-07	1.20E-08	1.34E-07	8.21E-04	2.84E-07	8.58E-07	9.49E-09	1.11E-07	1.21E-07	5.42E-06	2.81E-06
1639	494761.06, 3858801.99	8.37E-04	8.75E-07	5.07E-07	1.20E-07	1.18E-08	1.32E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	5.33E-06	2.76E-06
1640	494811.06, 3858801.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.23E-06	2.71E-06
1641	494861.06, 3858801.99	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	5.17E-06	2.68E-06
1642	494911.06, 3858801.99	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	5.09E-06	2.64E-06
1643	494961.06, 3858801.99	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	5.02E-06	2.60E-06
1644	495011.06, 3858801.99	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	4.95E-06	2.57E-06
1645	495061.06, 3858801.99	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	4.90E-06	2.54E-06
1646	495111.06, 3858801.99	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	4.81E-06	2.49E-06
1647	495161.06, 3858801.99	7.66E-04	8.00E-07	4.63E-07	1.10E-07	1.08E-08	1.21E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	4.75E-06	2.46E-06
1648	495211.06, 3858801.99	7.61E-04	7.95E-07	4.60E-07	1.09E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	4.70E-06	2.44E-06
1649	495261.06, 3858801.99	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	4.68E-06	2.43E-06
1650	495311.06, 3858801.99	7.54E-04	7.88E-07	4.56E-07	1.08E-07	1.06E-08	1.19E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	4.65E-06	2.41E-06
1651	495361.06, 3858801.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.25E-04	2.51E-07	7.58E-07	8.38E-09	9.82E-08	1.07E-07	4.62E-06	2.40E-06
1652	495411.06, 3858801.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.24E-04	2.51E-07	7.56E-07	8.37E-09	9.80E-08	1.06E-07	4.62E-06	2.39E-06
1653	495461.06, 3858801.99	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	4.58E-06	2.38E-06
1654	495511.06, 3858801.99	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.16E-04	2.48E-07	7.48E-07	8.28E-09	9.69E-08	1.05E-07	4.54E-06	2.36E-06
1655	495561.06, 3858801.99	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	4.51E-06	2.34E-06
1656	495611.06, 3858801.99	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.47E-06	2.32E-06
1657	495661.06, 3858801.99	7.30E-04	7.63E-07	4.41E-07	1.05E-07	1.03E-08	1.15E-07	7.03E-04	2.43E-07	7.35E-07	8.13E-09	9.53E-08	1.03E-07	4.44E-06	2.31E-06
1658	494311.06, 3858851.99	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.73E-04	3.02E-07	9.12E-07	1.01E-08	1.18E-07	1.28E-07	5.77E-06	2.99E-06
1659	494361.06, 3858851.99	9.14E-04	9.55E-07	5.53E-07	1.31E-07	1.29E-08	1.44E-07	8.84E-04	3.06E-07	9.23E-07	1.02E-08	1.20E-07	1.30E-07	5.83E-06	3.02E-06
1660	494411.06, 3858851.99	9.09E-04	9.50E-07	5.50E-07	1.31E-07	1.28E-08	1.44E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	5.79E-06	2.99E-06
1661	494461.06, 3858851.99	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	5.76E-06	2.98E-06
1662	494511.06, 3858851.99	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	5.72E-06	2.96E-06
1663	494561.06, 3858851.99	8.99E-04	9.40E-07	5.44E-07	1.29E-07	1.26E-08	1.42E-07	8.69E-04	3.01E-07	9.09E-07	1.00E-08	1.18E-07	1.28E-07	5.67E-06	2.94E-06
1664	494611.06, 3858851.99	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.60E-04	2.98E-07	8.99E-07	9.94E-09	1.16E-07	1.26E-07	5.61E-06	2.91E-06
1665	494661.06, 3858851.99	8.80E-04	9.20E-07	5.32E-07	1.27E-07	1.24E-08	1.39E-07	8.51E-04	2.94E-07	8.89E-07	9.83E-09	1.15E-07	1.25E-07	5.55E-06	2.87E-06
1666	494711.06, 3858851.99	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	8.37E-04	2.90E-07	8.74E-07	9.67E-09	1.13E-07	1.23E-07	5.46E-06	2.83E-06
1667	494761.06, 3858851.99	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	8.24E-04	2.85E-07	8.61E-07	9.52E-09	1.12E-07	1.21E-07	5.37E-06	2.78E-06
1668	494811.06, 3858851.99	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	5.29E-06	2.74E-06
1669	494861.06, 3858851.99	8.36E-04	8.74E-07	5.06E-07	1.20E-07	1.18E-08	1.32E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	5.23E-06	2.71E-06
1670	494911.06, 3858851.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.16E-06	2.67E-06

1671	494961.06, 3858851.99	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	5.09E-06	2.64E-06
1672	495011.06, 3858851.99	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.80E-04	2.70E-07	8.15E-07	9.02E-09	1.06E-07	1.15E-07	5.03E-06	2.61E-06
1673	495061.06, 3858851.99	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	4.96E-06	2.57E-06
1674	495111.06, 3858851.99	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.60E-04	2.63E-07	7.94E-07	8.78E-09	1.03E-07	1.12E-07	4.85E-06	2.52E-06
1675	495161.06, 3858851.99	7.79E-04	8.14E-07	4.71E-07	1.12E-07	1.09E-08	1.23E-07	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	4.79E-06	2.48E-06
1676	495211.06, 3858851.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.50E-04	2.60E-07	7.84E-07	8.67E-09	1.02E-07	1.10E-07	4.77E-06	2.48E-06
1677	495261.06, 3858851.99	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	4.74E-06	2.46E-06
1678	495311.06, 3858851.99	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	4.72E-06	2.45E-06
1679	495361.06, 3858851.99	7.67E-04	8.02E-07	4.64E-07	1.10E-07	1.08E-08	1.21E-07	7.41E-04	2.56E-07	7.74E-07	8.57E-09	1.00E-07	1.09E-07	4.70E-06	2.44E-06
1680	495411.06, 3858851.99	7.64E-04	7.98E-07	4.62E-07	1.10E-07	1.07E-08	1.21E-07	7.38E-04	2.55E-07	7.71E-07	8.53E-09	9.99E-08	1.08E-07	4.67E-06	2.42E-06
1681	495461.06, 3858851.99	7.62E-04	7.97E-07	4.61E-07	1.10E-07	1.07E-08	1.20E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	4.65E-06	2.41E-06
1682	495511.06, 3858851.99	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	4.63E-06	2.40E-06
1683	495561.06, 3858851.99	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.25E-04	2.51E-07	7.58E-07	8.38E-09	9.82E-08	1.07E-07	4.56E-06	2.37E-06
1684	495611.06, 3858851.99	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	7.19E-04	2.49E-07	7.52E-07	8.31E-09	9.74E-08	1.06E-07	4.52E-06	2.35E-06
1685	495661.06, 3858851.99	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.16E-04	2.48E-07	7.48E-07	8.28E-09	9.69E-08	1.05E-07	4.50E-06	2.34E-06
1686	494311.06, 3858901.99	9.30E-04	9.72E-07	5.63E-07	1.34E-07	1.31E-08	1.47E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	5.85E-06	3.03E-06
1687	494361.06, 3858901.99	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	5.88E-06	3.04E-06
1688	494411.06, 3858901.99	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	5.84E-06	3.03E-06
1689	494461.06, 3858901.99	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	5.81E-06	3.01E-06
1690	494511.06, 3858901.99	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	5.77E-06	2.99E-06
1691	494561.06, 3858901.99	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	5.71E-06	2.96E-06
1692	494611.06, 3858901.99	9.09E-04	9.50E-07	5.50E-07	1.31E-07	1.28E-08	1.44E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	5.63E-06	2.92E-06
1693	494661.06, 3858901.99	8.99E-04	9.40E-07	5.44E-07	1.29E-07	1.26E-08	1.42E-07	8.69E-04	3.01E-07	9.09E-07	1.00E-08	1.18E-07	1.28E-07	5.58E-06	2.89E-06
1694	494711.06, 3858901.99	8.86E-04	9.26E-07	5.36E-07	1.27E-07	1.25E-08	1.40E-07	8.57E-04	2.97E-07	8.96E-07	9.91E-09	1.16E-07	1.26E-07	5.50E-06	2.85E-06
1695	494761.06, 3858901.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.43E-04	2.92E-07	8.81E-07	9.74E-09	1.14E-07	1.24E-07	5.41E-06	2.81E-06
1696	494811.06, 3858901.99	8.62E-04	9.01E-07	5.21E-07	1.24E-07	1.21E-08	1.36E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	5.35E-06	2.77E-06
1697	494861.06, 3858901.99	8.55E-04	8.94E-07	5.18E-07	1.23E-07	1.20E-08	1.35E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	5.29E-06	2.74E-06
1698	494911.06, 3858901.99	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.20E-06	2.69E-06
1699	494961.06, 3858901.99	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.04E-04	2.78E-07	8.40E-07	9.29E-09	1.09E-07	1.18E-07	5.14E-06	2.66E-06
1700	495011.06, 3858901.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.07E-06	2.63E-06
1701	495061.06, 3858901.99	8.13E-04	8.50E-07	4.92E-07	1.17E-07	1.14E-08	1.28E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	4.99E-06	2.59E-06
1702	495111.06, 3858901.99	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	4.88E-06	2.53E-06
1703	495161.06, 3858901.99	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	4.84E-06	2.51E-06
1704	495211.06, 3858901.99	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	4.84E-06	2.51E-06
1705	495261.06, 3858901.99	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	4.81E-06	2.50E-06
1706	495311.06, 3858901.99	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	4.79E-06	2.48E-06
1707	495361.06, 3858901.99	7.82E-04	8.17E-07	4.73E-07	1.12E-07	1.10E-08	1.23E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	4.76E-06	2.47E-06
1708	495411.06, 3858901.99	7.80E-04	8.16E-07	4.72E-07	1.12E-07	1.10E-08	1.23E-07	7.53E-04	2.61E-07	7.88E-07	8.71E-09	1.02E-07	1.11E-07	4.74E-06	2.46E-06
1709	495461.06, 3858901.99	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	4.71E-06	2.44E-06
1710	495511.06, 3858901.99	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	4.66E-06	2.42E-06
1711	495561.06, 3858901.99	7.66E-04	8.00E-07	4.63E-07	1.10E-07	1.08E-08	1.21E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	4.63E-06	2.40E-06
1712	495611.06, 3858901.99	7.61E-04	7.95E-07	4.60E-07	1.09E-07	1.07E-08	1.20E-07	7.33E-04	2.54E-07	7.66E-07	8.47E-09	9.93E-08	1.08E-07	4.58E-06	2.38E-06
1713	495661.06, 3858901.99	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	4.57E-06	2.37E-06
1714	494311.06, 3858951.99	9.66E-04	1.01E-06	5.85E-07	1.39E-07	1.36E-08	1.53E-07	9.35E-04	3.24E-07	9.77E-07	1.08E-08	1.27E-07	1.37E-07	5.95E-06	3.09E-06
1715	494361.06, 3858951.99	9.66E-04	1.01E-06	5.85E-07	1.39E-07	1.36E-08	1.53E-07	9.35E-04	3.24E-07	9.77E-07	1.08E-08	1.27E-07	1.37E-07	5.93E-06	3.08E-06
1716	494411.06, 3858951.99	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	9.27E-04	3.21E-07	9.69E-07	1.07E-08	1.26E-07	1.36E-07	5.88E-06	3.05E-06
1717	494461.06, 3858951.99	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	5.84E-06	3.03E-06
1718	494511.06, 3858951.99	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.23E-04	3.19E-07	9.64E-07	1.07E-08	1.25E-07	1.36E-07	5.80E-06	3.01E-06
1719	494561.06, 3858951.99	9.43E-04	9.86E-07	5.71E-07	1.36E-07	1.33E-08	1.49E-07	9.13E-04	3.16E-07	9.55E-07	1.06E-08	1.24E-07	1.34E-07	5.74E-06	2.98E-06
1720	494611.06, 3858951.99	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	5.67E-06	2.94E-06
1721	494661.06, 3858951.99	9.19E-04	9.61E-07	5.56E-07	1.32E-07	1.29E-08	1.45E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	5.61E-06	2.91E-06
1722	494711.06, 3858951.99	9.04E-04	9.45E-07	5.47E-07	1.30E-07	1.27E-08	1.43E-07	8.74E-04	3.03E-07	9.14E-07	1.01E-08	1.18E-07	1.28E-07	5.52E-06	2.87E-06
1723	494761.06, 3858951.99	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	5.45E-06	2.83E-06
1724	494811.06, 3858951.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.40E-06	2.80E-06
1725	494861.06, 3858951.99	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	8.44E-04	2.92E-07	8.83E-07	9.76E-09	1.14E-07	1.24E-07	5.34E-06	2.77E-06
1726	494911.06, 3858951.99	8.63E-04	9.03E-07	5.22E-07	1.24E-07	1.21E-08	1.36E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	5.27E-06	2.73E-06
1727	494961.06, 3858951.99	8.55E-04	8.94E-07	5.18E-07	1.23E-07	1.20E-08	1.35E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	5.22E-06	2.71E-06
1728	495011.06, 3858951.99	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.10E-04	2.80E-07	8.46E-07	9.36E-09	1.10E-07	1.19E-07	5.11E-06	2.65E-06
1729	495061.06, 3858951.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	5.00E-06	2.60E-06
1730	495111.06, 3858951.99	8.13E-04	8.50E-07	4.92E-07	1.17E-07	1.14E-08	1.28E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	4.92E-06	2.55E-06
1731	495161.06, 3858951.99	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	7.86E-04	2.72E-07	8.22E-07	9.09E-09	1.06E-07	1.16E-07	4.93E-06	2.56E-06
1732	495211.06, 3858951.99	8.11E-04	8.48E-07	4.91E-07	1.17E-07	1.14E-08	1.28E-07	7.83E-04	2.71E-07	8.19E-07	9.05E-09	1.06E-07	1.15E-07	4.91E-06	2.55E-06

1733	495261.06, 3858951.99	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	4.88E-06	2.54E-06
1734	495311.06, 3858951.99	8.01E-04	8.38E-07	4.85E-07	1.15E-07	1.13E-08	1.27E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	4.83E-06	2.51E-06
1735	495361.06, 3858951.99	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	4.82E-06	2.50E-06
1736	495411.06, 3858951.99	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.68E-04	2.66E-07	8.02E-07	8.87E-09	1.04E-07	1.13E-07	4.80E-06	2.49E-06
1737	495461.06, 3858951.99	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	4.77E-06	2.48E-06
1738	495511.06, 3858951.99	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	4.76E-06	2.47E-06
1739	495561.06, 3858951.99	7.82E-04	8.17E-07	4.73E-07	1.12E-07	1.10E-08	1.23E-07	7.53E-04	2.61E-07	7.88E-07	8.71E-09	1.02E-07	1.11E-07	4.70E-06	2.44E-06
1740	495611.06, 3858951.99	7.75E-04	8.10E-07	4.69E-07	1.11E-07	1.09E-08	1.22E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	4.66E-06	2.42E-06
1741	495661.06, 3858951.99	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.46E-04	2.58E-07	7.79E-07	8.62E-09	1.01E-07	1.10E-07	4.65E-06	2.42E-06
1742	494311.06, 3859001.99	9.97E-04	1.04E-06	6.03E-07	1.43E-07	1.40E-08	1.57E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.99E-06	3.11E-06
1743	494361.06, 3859001.99	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.62E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.41E-07	5.96E-06	3.09E-06
1744	494411.06, 3859001.99	9.91E-04	1.04E-06	6.00E-07	1.42E-07	1.39E-08	1.56E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.91E-06	3.07E-06
1745	494461.06, 3859001.99	9.84E-04	1.03E-06	5.96E-07	1.42E-07	1.38E-08	1.55E-07	9.54E-04	3.30E-07	9.97E-07	1.10E-08	1.29E-07	1.40E-07	5.87E-06	3.05E-06
1746	494511.06, 3859001.99	9.78E-04	1.02E-06	5.92E-07	1.41E-07	1.37E-08	1.54E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	5.82E-06	3.02E-06
1747	494561.06, 3859001.99	9.65E-04	1.01E-06	5.84E-07	1.39E-07	1.36E-08	1.52E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	5.76E-06	2.99E-06
1748	494611.06, 3859001.99	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.23E-04	3.19E-07	9.64E-07	1.07E-08	1.25E-07	1.36E-07	5.70E-06	2.96E-06
1749	494661.06, 3859001.99	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.09E-04	3.15E-07	9.50E-07	1.05E-08	1.23E-07	1.34E-07	5.63E-06	2.92E-06
1750	494711.06, 3859001.99	9.24E-04	9.66E-07	5.59E-07	1.33E-07	1.30E-08	1.46E-07	8.93E-04	3.09E-07	9.33E-07	1.03E-08	1.21E-07	1.31E-07	5.55E-06	2.88E-06
1751	494761.06, 3859001.99	9.14E-04	9.55E-07	5.53E-07	1.31E-07	1.29E-08	1.44E-07	8.84E-04	3.06E-07	9.23E-07	1.02E-08	1.20E-07	1.30E-07	5.50E-06	2.85E-06
1752	494811.06, 3859001.99	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	5.45E-06	2.83E-06
1753	494861.06, 3859001.99	8.94E-04	9.35E-07	5.41E-07	1.29E-07	1.26E-08	1.41E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	5.39E-06	2.80E-06
1754	494911.06, 3859001.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.33E-06	2.77E-06
1755	494961.06, 3859001.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.43E-04	2.92E-07	8.81E-07	9.74E-09	1.14E-07	1.24E-07	5.25E-06	2.73E-06
1756	495011.06, 3859001.99	8.47E-04	8.85E-07	5.13E-07	1.22E-07	1.19E-08	1.34E-07	8.18E-04	2.83E-07	8.55E-07	9.45E-09	1.11E-07	1.20E-07	5.10E-06	2.65E-06
1757	495061.06, 3859001.99	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.06E-06	2.63E-06
1758	495111.06, 3859001.99	8.29E-04	8.67E-07	5.02E-07	1.19E-07	1.17E-08	1.31E-07	8.00E-04	2.77E-07	8.37E-07	9.25E-09	1.08E-07	1.18E-07	4.98E-06	2.59E-06
1759	495161.06, 3859001.99	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.04E-04	2.78E-07	8.40E-07	9.29E-09	1.09E-07	1.18E-07	5.01E-06	2.60E-06
1760	495211.06, 3859001.99	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	7.99E-04	2.77E-07	8.35E-07	9.24E-09	1.08E-07	1.17E-07	4.98E-06	2.59E-06
1761	495261.06, 3859001.99	8.26E-04	8.63E-07	5.00E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	4.96E-06	2.58E-06
1762	495311.06, 3859001.99	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	7.91E-04	2.74E-07	8.27E-07	9.14E-09	1.07E-07	1.16E-07	4.93E-06	2.56E-06
1763	495361.06, 3859001.99	8.18E-04	8.55E-07	4.95E-07	1.18E-07	1.15E-08	1.29E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	4.90E-06	2.55E-06
1764	495411.06, 3859001.99	8.13E-04	8.50E-07	4.92E-07	1.17E-07	1.14E-08	1.28E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	4.88E-06	2.53E-06
1765	495461.06, 3859001.99	8.10E-04	8.46E-07	4.90E-07	1.16E-07	1.14E-08	1.28E-07	7.82E-04	2.71E-07	8.17E-07	9.04E-09	1.06E-07	1.15E-07	4.86E-06	2.52E-06
1766	495511.06, 3859001.99	8.03E-04	8.39E-07	4.86E-07	1.15E-07	1.13E-08	1.27E-07	7.74E-04	2.68E-07	8.09E-07	8.95E-09	1.05E-07	1.14E-07	4.81E-06	2.50E-06
1767	495561.06, 3859001.99	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.69E-04	2.66E-07	8.04E-07	8.89E-09	1.04E-07	1.13E-07	4.77E-06	2.48E-06
1768	495611.06, 3859001.99	7.92E-04	8.27E-07	4.79E-07	1.14E-07	1.11E-08	1.25E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	4.74E-06	2.46E-06
1769	495661.06, 3859001.99	7.92E-04	8.27E-07	4.79E-07	1.14E-07	1.11E-08	1.25E-07	7.63E-04	2.64E-07	7.97E-07	8.82E-09	1.03E-07	1.12E-07	4.76E-06	2.47E-06
1770	494311.06, 3859051.99	1.03E-03	1.07E-06	6.20E-07	1.47E-07	1.44E-08	1.62E-07	9.96E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	6.02E-06	3.13E-06
1771	494361.06, 3859051.99	1.03E-03	1.07E-06	6.21E-07	1.48E-07	1.44E-08	1.62E-07	9.96E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	5.98E-06	3.11E-06
1772	494411.06, 3859051.99	1.02E-03	1.06E-06	6.15E-07	1.46E-07	1.43E-08	1.61E-07	9.87E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.92E-06	3.08E-06
1773	494461.06, 3859051.99	1.01E-03	1.05E-06	6.09E-07	1.45E-07	1.42E-08	1.59E-07	9.78E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.44E-07	5.87E-06	3.06E-06
1774	494511.06, 3859051.99	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.82E-06	3.03E-06
1775	494561.06, 3859051.99	9.86E-04	1.03E-06	5.97E-07	1.42E-07	1.39E-08	1.56E-07	9.56E-04	3.31E-07	9.99E-07	1.10E-08	1.29E-07	1.40E-07	5.77E-06	3.00E-06
1776	494611.06, 3859051.99	9.73E-04	1.02E-06	5.89E-07	1.40E-07	1.37E-08	1.54E-07	9.43E-04	3.26E-07	9.86E-07	1.09E-08	1.28E-07	1.39E-07	5.71E-06	2.97E-06
1777	494661.06, 3859051.99	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	5.65E-06	2.94E-06
1778	494711.06, 3859051.99	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	5.59E-06	2.91E-06
1779	494761.06, 3859051.99	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	5.53E-06	2.88E-06
1780	494811.06, 3859051.99	9.26E-04	9.67E-07	5.60E-07	1.33E-07	1.30E-08	1.46E-07	8.94E-04	3.10E-07	9.35E-07	1.03E-08	1.21E-07	1.31E-07	5.49E-06	2.86E-06
1781	494861.06, 3859051.99	9.16E-04	9.57E-07	5.54E-07	1.32E-07	1.29E-08	1.45E-07	8.85E-04	3.06E-07	9.25E-07	1.02E-08	1.20E-07	1.30E-07	5.45E-06	2.83E-06
1782	494911.06, 3859051.99	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.71E-04	3.02E-07	9.10E-07	1.01E-08	1.18E-07	1.28E-07	5.38E-06	2.80E-06
1783	494961.06, 3859051.99	8.85E-04	9.25E-07	5.35E-07	1.27E-07	1.24E-08	1.40E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.29E-06	2.75E-06
1784	495011.06, 3859051.99	8.70E-04	9.09E-07	5.26E-07	1.25E-07	1.22E-08	1.37E-07	8.40E-04	2.91E-07	8.78E-07	9.71E-09	1.14E-07	1.23E-07	5.22E-06	2.71E-06
1785	495061.06, 3859051.99	8.60E-04	8.99E-07	5.20E-07	1.24E-07	1.21E-08	1.36E-07	8.30E-04	2.87E-07	8.68E-07	9.60E-09	1.12E-07	1.22E-07	5.16E-06	2.68E-06
1786	495111.06, 3859051.99	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	5.12E-06	2.66E-06
1787	495161.06, 3859051.99	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	5.13E-06	2.67E-06
1788	495211.06, 3859051.99	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	5.09E-06	2.64E-06
1789	495261.06, 3859051.99	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	5.09E-06	2.64E-06
1790	495311.06, 3859051.99	8.39E-04	8.77E-07	5.08E-07	1.21E-07	1.18E-08	1.32E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	5.05E-06	2.62E-06
1791	495361.06, 3859051.99	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	5.02E-06	2.61E-06
1792	495411.06, 3859051.99	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	8.02E-04	2.78E-07	8.38E-07	9.27E-09	1.09E-07	1.18E-07	5.01E-06	2.60E-06
1793	495461.06, 3859051.99	8.29E-04	8.67E-07	5.02E-07	1.19E-07	1.17E-08	1.31E-07	7.99E-04	2.77E-07	8.35E-07	9.24E-09	1.08E-07	1.17E-07	4.99E-06	2.59E-06
1794	495511.06, 3859051.99	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	7.91E-04	2.74E-07	8.27E-07	9.14E-09	1.07E-07	1.16E-07	4.94E-06	2.56E-06

1795	495561.06, 3859051.99	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	4.90E-06	2.54E-06
1796	495611.06, 3859051.99	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	4.87E-06	2.53E-06
1797	495661.06, 3859051.99	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	4.89E-06	2.54E-06
1798	494311.06, 3859101.99	1.06E-03	1.11E-06	6.42E-07	1.53E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	6.03E-06	3.14E-06
1799	494361.06, 3859101.99	1.05E-03	1.10E-06	6.37E-07	1.51E-07	1.48E-08	1.66E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.39E-07	1.50E-07	5.98E-06	3.12E-06
1800	494411.06, 3859101.99	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.49E-07	5.93E-06	3.09E-06
1801	494461.06, 3859101.99	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	1.01E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	5.88E-06	3.07E-06
1802	494511.06, 3859101.99	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.90E-04	3.43E-07	1.03E-06	1.14E-08	1.34E-07	1.46E-07	5.82E-06	3.03E-06
1803	494561.06, 3859101.99	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	9.79E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	5.77E-06	3.01E-06
1804	494611.06, 3859101.99	9.94E-04	1.04E-06	6.01E-07	1.43E-07	1.40E-08	1.57E-07	9.63E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.42E-07	5.71E-06	2.97E-06
1805	494661.06, 3859101.99	9.83E-04	1.03E-06	5.95E-07	1.41E-07	1.38E-08	1.55E-07	9.52E-04	3.30E-07	9.95E-07	1.10E-08	1.29E-07	1.40E-07	5.66E-06	2.95E-06
1806	494711.06, 3859101.99	9.66E-04	1.01E-06	5.85E-07	1.39E-07	1.36E-08	1.53E-07	9.35E-04	3.24E-07	9.77E-07	1.08E-08	1.27E-07	1.37E-07	5.60E-06	2.92E-06
1807	494761.06, 3859101.99	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	5.58E-06	2.91E-06
1808	494811.06, 3859101.99	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	5.57E-06	2.90E-06
1809	494861.06, 3859101.99	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	5.56E-06	2.89E-06
1810	494911.06, 3859101.99	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	5.54E-06	2.88E-06
1811	494961.06, 3859101.99	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.73E-04	3.02E-07	9.12E-07	1.01E-08	1.18E-07	1.28E-07	5.49E-06	2.85E-06
1812	495011.06, 3859101.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.52E-04	2.95E-07	8.91E-07	9.85E-09	1.15E-07	1.25E-07	5.40E-06	2.80E-06
1813	495061.06, 3859101.99	8.80E-04	9.20E-07	5.32E-07	1.27E-07	1.24E-08	1.39E-07	8.49E-04	2.94E-07	8.87E-07	9.81E-09	1.15E-07	1.25E-07	5.42E-06	2.81E-06
1814	495111.06, 3859101.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	5.39E-06	2.80E-06
1815	495161.06, 3859101.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	5.41E-06	2.81E-06
1816	495211.06, 3859101.99	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	5.37E-06	2.79E-06
1817	495261.06, 3859101.99	8.62E-04	9.01E-07	5.21E-07	1.24E-07	1.21E-08	1.36E-07	8.32E-04	2.88E-07	8.69E-07	9.62E-09	1.13E-07	1.22E-07	5.36E-06	2.78E-06
1818	495311.06, 3859101.99	8.57E-04	8.96E-07	5.19E-07	1.23E-07	1.21E-08	1.35E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	5.36E-06	2.77E-06
1819	495361.06, 3859101.99	8.55E-04	8.94E-07	5.18E-07	1.23E-07	1.20E-08	1.35E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	5.34E-06	2.77E-06
1820	495411.06, 3859101.99	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	8.21E-04	2.84E-07	8.58E-07	9.49E-09	1.11E-07	1.21E-07	5.32E-06	2.75E-06
1821	495461.06, 3859101.99	8.42E-04	8.80E-07	5.10E-07	1.21E-07	1.18E-08	1.33E-07	8.13E-04	2.81E-07	8.50E-07	9.40E-09	1.10E-07	1.19E-07	5.29E-06	2.74E-06
1822	495511.06, 3859101.99	8.39E-04	8.77E-07	5.08E-07	1.21E-07	1.18E-08	1.32E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	5.27E-06	2.73E-06
1823	495561.06, 3859101.99	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	8.04E-04	2.78E-07	8.40E-07	9.29E-09	1.09E-07	1.18E-07	5.21E-06	2.70E-06
1824	495611.06, 3859101.99	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	7.97E-04	2.76E-07	8.33E-07	9.22E-09	1.08E-07	1.17E-07	5.18E-06	2.68E-06
1825	495661.06, 3859101.99	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	7.94E-04	2.75E-07	8.30E-07	9.18E-09	1.08E-07	1.17E-07	5.20E-06	2.69E-06
1826	494311.06, 3859151.99	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	6.02E-06	3.15E-06
1827	494361.06, 3859151.99	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.05E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	5.98E-06	3.12E-06
1828	494411.06, 3859151.99	1.07E-03	1.12E-06	6.48E-07	1.54E-07	1.51E-08	1.69E-07	1.04E-03	3.61E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	5.92E-06	3.09E-06
1829	494461.06, 3859151.99	1.06E-03	1.11E-06	6.40E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.56E-07	1.08E-06	1.19E-08	1.39E-07	1.51E-07	5.87E-06	3.07E-06
1830	494511.06, 3859151.99	1.04E-03	1.09E-06	6.31E-07	1.50E-07	1.47E-08	1.65E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.81E-06	3.03E-06
1831	494561.06, 3859151.99	1.03E-03	1.08E-06	6.24E-07	1.48E-07	1.45E-08	1.63E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	5.77E-06	3.01E-06
1832	494611.06, 3859151.99	1.02E-03	1.06E-06	6.15E-07	1.46E-07	1.43E-08	1.61E-07	9.87E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.71E-06	2.98E-06
1833	494661.06, 3859151.99	1.01E-03	1.05E-06	6.09E-07	1.45E-07	1.42E-08	1.59E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	5.67E-06	2.96E-06
1834	494711.06, 3859151.99	9.97E-04	1.04E-06	6.03E-07	1.43E-07	1.40E-08	1.57E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.64E-06	2.94E-06
1835	494761.06, 3859151.99	9.81E-04	1.03E-06	5.94E-07	1.41E-07	1.38E-08	1.55E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	5.61E-06	2.93E-06
1836	494811.06, 3859151.99	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	5.69E-06	2.96E-06
1837	494861.06, 3859151.99	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	9.27E-04	3.21E-07	9.69E-07	1.07E-08	1.26E-07	1.36E-07	5.86E-06	3.04E-06
1838	494911.06, 3859151.99	9.42E-04	9.84E-07	5.70E-07	1.35E-07	1.32E-08	1.49E-07	9.10E-04	3.15E-07	9.51E-07	1.05E-08	1.23E-07	1.34E-07	6.29E-06	3.25E-06
1839	494961.06, 3859151.99	9.21E-04	9.62E-07	5.57E-07	1.32E-07	1.29E-08	1.45E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	6.20E-06	3.20E-06
1840	495011.06, 3859151.99	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.73E-04	3.02E-07	9.12E-07	1.01E-08	1.18E-07	1.28E-07	6.17E-06	3.18E-06
1841	495061.06, 3859151.99	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.68E-04	3.00E-07	9.07E-07	1.00E-08	1.18E-07	1.28E-07	6.08E-06	3.14E-06
1842	495111.06, 3859151.99	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	6.04E-06	3.11E-06
1843	495161.06, 3859151.99	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	5.97E-06	3.08E-06
1844	495211.06, 3859151.99	8.86E-04	9.26E-07	5.36E-07	1.27E-07	1.25E-08	1.40E-07	8.55E-04	2.96E-07	8.94E-07	9.89E-09	1.16E-07	1.26E-07	6.05E-06	3.12E-06
1845	495261.06, 3859151.99	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.51E-04	2.94E-07	8.89E-07	9.83E-09	1.15E-07	1.25E-07	5.89E-06	3.04E-06
1846	495311.06, 3859151.99	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	8.46E-04	2.93E-07	8.84E-07	9.78E-09	1.15E-07	1.24E-07	5.82E-06	3.01E-06
1847	495361.06, 3859151.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	5.84E-06	3.01E-06
1848	495411.06, 3859151.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	5.76E-06	2.97E-06
1849	495461.06, 3859151.99	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	8.37E-04	2.90E-07	8.74E-07	9.67E-09	1.13E-07	1.23E-07	5.76E-06	2.98E-06
1850	495511.06, 3859151.99	8.60E-04	8.99E-07	5.20E-07	1.24E-07	1.21E-08	1.36E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	5.69E-06	2.94E-06
1851	495561.06, 3859151.99	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	5.62E-06	2.90E-06
1852	495611.06, 3859151.99	8.47E-04	8.85E-07	5.13E-07	1.22E-07	1.19E-08	1.34E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	5.53E-06	2.86E-06
1853	495661.06, 3859151.99	8.42E-04	8.80E-07	5.10E-07	1.21E-07	1.18E-08	1.33E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.44E-06	2.81E-06
1854	494311.06, 3859201.99	1.12E-03	1.17E-06	6.78E-07	1.61E-07	1.57E-08	1.77E-07	1.09E-03	3.79E-07	1.14E-06	1.26E-08	1.48E-07	1.61E-07	6.01E-06	3.15E-06
1855	494361.06, 3859201.99	1.11E-03	1.16E-06	6.72E-07	1.60E-07	1.56E-08	1.75E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	5.96E-06	3.12E-06
1856	494411.06, 3859201.99	1.10E-03	1.15E-06	6.64E-07	1.58E-07	1.54E-08	1.73E-07	1.07E-03	3.71E-07	1.12E-06	1.24E-08	1.45E-07	1.57E-07	5.91E-06	3.09E-06

1857	494461.06, 3859201.99	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.05E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	5.86E-06	3.06E-06
1858	494511.06, 3859201.99	1.07E-03	1.12E-06	6.48E-07	1.54E-07	1.51E-08	1.69E-07	1.04E-03	3.61E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	5.80E-06	3.04E-06
1859	494561.06, 3859201.99	1.05E-03	1.10E-06	6.38E-07	1.52E-07	1.48E-08	1.66E-07	1.03E-03	3.55E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	5.75E-06	3.01E-06
1860	494611.06, 3859201.99	1.04E-03	1.09E-06	6.30E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.70E-06	2.98E-06
1861	494661.06, 3859201.99	1.03E-03	1.08E-06	6.23E-07	1.48E-07	1.45E-08	1.63E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	5.66E-06	2.96E-06
1862	494711.06, 3859201.99	1.02E-03	1.06E-06	6.16E-07	1.46E-07	1.43E-08	1.61E-07	9.88E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.63E-06	2.94E-06
1863	494761.06, 3859201.99	1.00E-03	1.05E-06	6.06E-07	1.44E-07	1.41E-08	1.58E-07	9.73E-04	3.37E-07	1.02E-06	1.12E-08	1.32E-07	1.43E-07	5.62E-06	2.93E-06
1864	494811.06, 3859201.99	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.59E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.69E-06	2.96E-06
1865	494861.06, 3859201.99	9.73E-04	1.02E-06	5.89E-07	1.40E-07	1.37E-08	1.54E-07	9.41E-04	3.26E-07	9.84E-07	1.09E-08	1.27E-07	1.38E-07	5.88E-06	3.05E-06
1866	494911.06, 3859201.99	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	9.26E-04	3.20E-07	9.68E-07	1.07E-08	1.25E-07	1.36E-07	5.70E-06	2.96E-06
1867	494961.06, 3859201.99	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.09E-04	3.15E-07	9.50E-07	1.05E-08	1.23E-07	1.34E-07	5.52E-06	2.87E-06
1868	495011.06, 3859201.99	9.17E-04	9.59E-07	5.55E-07	1.32E-07	1.29E-08	1.45E-07	8.85E-04	3.06E-07	9.25E-07	1.02E-08	1.20E-07	1.30E-07	5.37E-06	2.80E-06
1869	495061.06, 3859201.99	9.21E-04	9.62E-07	5.57E-07	1.32E-07	1.29E-08	1.45E-07	8.90E-04	3.08E-07	9.30E-07	1.03E-08	1.20E-07	1.31E-07	5.36E-06	2.79E-06
1870	495111.06, 3859201.99	9.17E-04	9.59E-07	5.55E-07	1.32E-07	1.29E-08	1.45E-07	8.85E-04	3.06E-07	9.25E-07	1.02E-08	1.20E-07	1.30E-07	5.33E-06	2.77E-06
1871	495161.06, 3859201.99	9.12E-04	9.54E-07	5.52E-07	1.31E-07	1.28E-08	1.44E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	5.29E-06	2.75E-06
1872	495211.06, 3859201.99	9.04E-04	9.45E-07	5.47E-07	1.30E-07	1.27E-08	1.43E-07	8.74E-04	3.03E-07	9.14E-07	1.01E-08	1.18E-07	1.28E-07	5.24E-06	2.73E-06
1873	495261.06, 3859201.99	9.01E-04	9.42E-07	5.45E-07	1.30E-07	1.27E-08	1.42E-07	8.71E-04	3.02E-07	9.10E-07	1.01E-08	1.18E-07	1.28E-07	5.21E-06	2.71E-06
1874	495311.06, 3859201.99	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.66E-04	3.00E-07	9.05E-07	1.00E-08	1.17E-07	1.27E-07	5.17E-06	2.69E-06
1875	495361.06, 3859201.99	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	5.14E-06	2.68E-06
1876	495411.06, 3859201.99	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.60E-04	2.98E-07	8.99E-07	9.94E-09	1.16E-07	1.26E-07	5.11E-06	2.66E-06
1877	495461.06, 3859201.99	8.86E-04	9.26E-07	5.36E-07	1.27E-07	1.25E-08	1.40E-07	8.55E-04	2.96E-07	8.94E-07	9.89E-09	1.16E-07	1.26E-07	5.07E-06	2.64E-06
1878	495511.06, 3859201.99	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.49E-04	2.94E-07	8.87E-07	9.81E-09	1.15E-07	1.25E-07	5.03E-06	2.62E-06
1879	495561.06, 3859201.99	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	4.98E-06	2.59E-06
1880	495611.06, 3859201.99	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	4.93E-06	2.57E-06
1881	495661.06, 3859201.99	8.60E-04	8.99E-07	5.20E-07	1.24E-07	1.21E-08	1.36E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	4.88E-06	2.54E-06
1882	494311.06, 3859251.99	1.15E-03	1.20E-06	6.95E-07	1.65E-07	1.62E-08	1.81E-07	1.12E-03	3.89E-07	1.18E-06	1.30E-08	1.52E-07	1.65E-07	6.00E-06	3.15E-06
1883	494361.06, 3859251.99	1.14E-03	1.19E-06	6.87E-07	1.63E-07	1.60E-08	1.79E-07	1.11E-03	3.85E-07	1.16E-06	1.29E-08	1.51E-07	1.63E-07	5.95E-06	3.12E-06
1884	494411.06, 3859251.99	1.12E-03	1.17E-06	6.78E-07	1.61E-07	1.57E-08	1.77E-07	1.09E-03	3.79E-07	1.14E-06	1.26E-08	1.48E-07	1.61E-07	5.89E-06	3.09E-06
1885	494461.06, 3859251.99	1.11E-03	1.16E-06	6.71E-07	1.59E-07	1.56E-08	1.75E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	5.84E-06	3.06E-06
1886	494511.06, 3859251.99	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	5.78E-06	3.03E-06
1887	494561.06, 3859251.99	1.08E-03	1.13E-06	6.52E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	5.73E-06	3.00E-06
1888	494611.06, 3859251.99	1.06E-03	1.11E-06	6.43E-07	1.53E-07	1.49E-08	1.68E-07	1.03E-03	3.58E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	5.68E-06	2.98E-06
1889	494661.06, 3859251.99	1.05E-03	1.10E-06	6.37E-07	1.51E-07	1.48E-08	1.66E-07	1.02E-03	3.55E-07	1.07E-06	1.18E-08	1.39E-07	1.51E-07	5.65E-06	2.96E-06
1890	494711.06, 3859251.99	1.04E-03	1.09E-06	6.30E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.62E-06	2.94E-06
1891	494761.06, 3859251.99	1.02E-03	1.06E-06	6.14E-07	1.46E-07	1.43E-08	1.60E-07	9.87E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.59E-06	2.92E-06
1892	494811.06, 3859251.99	1.01E-03	1.06E-06	6.12E-07	1.46E-07	1.42E-08	1.60E-07	9.82E-04	3.40E-07	1.03E-06	1.14E-08	1.33E-07	1.44E-07	5.67E-06	2.96E-06
1893	494861.06, 3859251.99	9.88E-04	1.03E-06	5.98E-07	1.42E-07	1.39E-08	1.56E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.87E-06	3.05E-06
1894	494911.06, 3859251.99	9.73E-04	1.02E-06	5.89E-07	1.40E-07	1.37E-08	1.54E-07	9.43E-04	3.26E-07	9.86E-07	1.09E-08	1.28E-07	1.39E-07	5.63E-06	2.93E-06
1895	494961.06, 3859251.99	9.61E-04	1.00E-06	5.82E-07	1.38E-07	1.35E-08	1.52E-07	9.31E-04	3.22E-07	9.73E-07	1.08E-08	1.26E-07	1.37E-07	5.46E-06	2.85E-06
1896	495011.06, 3859251.99	9.50E-04	9.93E-07	5.75E-07	1.37E-07	1.34E-08	1.50E-07	9.18E-04	3.18E-07	9.59E-07	1.06E-08	1.24E-07	1.35E-07	5.35E-06	2.79E-06
1897	495061.06, 3859251.99	9.47E-04	9.90E-07	5.73E-07	1.36E-07	1.33E-08	1.49E-07	9.15E-04	3.17E-07	9.56E-07	1.06E-08	1.24E-07	1.34E-07	5.29E-06	2.76E-06
1898	495111.06, 3859251.99	9.40E-04	9.83E-07	5.69E-07	1.35E-07	1.32E-08	1.48E-07	9.09E-04	3.15E-07	9.50E-07	1.05E-08	1.23E-07	1.34E-07	5.23E-06	2.73E-06
1899	495161.06, 3859251.99	9.34E-04	9.76E-07	5.65E-07	1.34E-07	1.31E-08	1.47E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	5.19E-06	2.71E-06
1900	495211.06, 3859251.99	9.27E-04	9.69E-07	5.61E-07	1.33E-07	1.30E-08	1.46E-07	8.96E-04	3.10E-07	9.37E-07	1.04E-08	1.21E-07	1.32E-07	5.14E-06	2.68E-06
1901	495261.06, 3859251.99	9.21E-04	9.62E-07	5.57E-07	1.32E-07	1.29E-08	1.45E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	5.11E-06	2.67E-06
1902	495311.06, 3859251.99	9.19E-04	9.61E-07	5.56E-07	1.32E-07	1.29E-08	1.45E-07	8.88E-04	3.07E-07	9.28E-07	1.03E-08	1.20E-07	1.31E-07	5.07E-06	2.65E-06
1903	495361.06, 3859251.99	9.14E-04	9.55E-07	5.53E-07	1.31E-07	1.29E-08	1.44E-07	8.82E-04	3.05E-07	9.22E-07	1.02E-08	1.19E-07	1.30E-07	5.03E-06	2.63E-06
1904	495411.06, 3859251.99	9.12E-04	9.54E-07	5.52E-07	1.31E-07	1.28E-08	1.44E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	5.00E-06	2.61E-06
1905	495461.06, 3859251.99	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	4.96E-06	2.59E-06
1906	495511.06, 3859251.99	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.66E-04	3.00E-07	9.05E-07	1.00E-08	1.17E-07	1.27E-07	4.91E-06	2.57E-06
1907	495561.06, 3859251.99	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.60E-04	2.98E-07	8.99E-07	9.94E-09	1.16E-07	1.26E-07	4.87E-06	2.55E-06
1908	495611.06, 3859251.99	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.51E-04	2.94E-07	8.89E-07	9.83E-09	1.15E-07	1.25E-07	4.82E-06	2.52E-06
1909	495661.06, 3859251.99	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	8.46E-04	2.93E-07	8.84E-07	9.78E-09	1.15E-07	1.24E-07	4.78E-06	2.50E-06
1910	494311.06, 3859301.99	1.18E-03	1.23E-06	7.14E-07	1.70E-07	1.66E-08	1.86E-07	1.16E-03	4.00E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	5.98E-06	3.14E-06
1911	494361.06, 3859301.99	1.17E-03	1.22E-06	7.05E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.95E-07	1.19E-06	1.32E-08	1.54E-07	1.68E-07	5.93E-06	3.12E-06
1912	494411.06, 3859301.99	1.15E-03	1.20E-06	6.94E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.89E-07	1.17E-06	1.30E-08	1.52E-07	1.65E-07	5.87E-06	3.08E-06
1913	494461.06, 3859301.99	1.13E-03	1.18E-06	6.84E-07	1.63E-07	1.59E-08	1.79E-07	1.10E-03	3.82E-07	1.15E-06	1.28E-08	1.50E-07	1.62E-07	5.81E-06	3.05E-06
1914	494511.06, 3859301.99	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	5.76E-06	3.02E-06
1915	494561.06, 3859301.99	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	5.71E-06	3.00E-06
1916	494611.06, 3859301.99	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	5.66E-06	2.97E-06
1917	494661.06, 3859301.99	1.08E-03	1.12E-06	6.51E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	5.62E-06	2.95E-06
1918	494711.06, 3859301.99	1.06E-03	1.11E-06	6.42E-07	1.53E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	5.59E-06	2.93E-06

1919	494761.06, 3859301.99	1.05E-03	1.10E-06	6.34E-07	1.51E-07	1.47E-08	1.65E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.50E-07	5.58E-06	2.92E-06
1920	494811.06, 3859301.99	1.03E-03	1.08E-06	6.23E-07	1.48E-07	1.45E-08	1.63E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	5.63E-06	2.95E-06
1921	494861.06, 3859301.99	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	9.79E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	5.67E-06	2.96E-06
1922	494911.06, 3859301.99	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.63E-06	2.93E-06
1923	494961.06, 3859301.99	9.74E-04	1.02E-06	5.90E-07	1.40E-07	1.37E-08	1.54E-07	9.45E-04	3.27E-07	9.87E-07	1.09E-08	1.28E-07	1.39E-07	5.42E-06	2.83E-06
1924	495011.06, 3859301.99	9.65E-04	1.01E-06	5.84E-07	1.39E-07	1.36E-08	1.52E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	5.31E-06	2.78E-06
1925	495061.06, 3859301.99	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	5.27E-06	2.76E-06
1926	495111.06, 3859301.99	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.26E-04	3.20E-07	9.68E-07	1.07E-08	1.25E-07	1.36E-07	5.20E-06	2.72E-06
1927	495161.06, 3859301.99	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.21E-04	3.19E-07	9.63E-07	1.06E-08	1.25E-07	1.35E-07	5.15E-06	2.69E-06
1928	495211.06, 3859301.99	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	9.20E-04	3.18E-07	9.61E-07	1.06E-08	1.25E-07	1.35E-07	5.12E-06	2.68E-06
1929	495261.06, 3859301.99	9.47E-04	9.90E-07	5.73E-07	1.36E-07	1.33E-08	1.49E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	5.08E-06	2.66E-06
1930	495311.06, 3859301.99	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	5.02E-06	2.63E-06
1931	495361.06, 3859301.99	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	4.99E-06	2.61E-06
1932	495411.06, 3859301.99	9.30E-04	9.72E-07	5.63E-07	1.34E-07	1.31E-08	1.47E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	4.95E-06	2.59E-06
1933	495461.06, 3859301.99	9.26E-04	9.67E-07	5.60E-07	1.33E-07	1.30E-08	1.46E-07	8.94E-04	3.10E-07	9.35E-07	1.03E-08	1.21E-07	1.31E-07	4.92E-06	2.58E-06
1934	495511.06, 3859301.99	9.17E-04	9.59E-07	5.55E-07	1.32E-07	1.29E-08	1.45E-07	8.87E-04	3.07E-07	9.27E-07	1.02E-08	1.20E-07	1.30E-07	4.87E-06	2.55E-06
1935	495561.06, 3859301.99	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	4.82E-06	2.52E-06
1936	495611.06, 3859301.99	8.99E-04	9.40E-07	5.44E-07	1.29E-07	1.26E-08	1.42E-07	8.69E-04	3.01E-07	9.09E-07	1.00E-08	1.18E-07	1.28E-07	4.78E-06	2.50E-06
1937	495661.06, 3859301.99	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	4.73E-06	2.48E-06
1938	494311.06, 3859351.99	1.21E-03	1.26E-06	7.30E-07	1.73E-07	1.70E-08	1.90E-07	1.18E-03	4.10E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	5.94E-06	3.13E-06
1939	494361.06, 3859351.99	1.19E-03	1.25E-06	7.21E-07	1.71E-07	1.68E-08	1.88E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	5.89E-06	3.10E-06
1940	494411.06, 3859351.99	1.17E-03	1.22E-06	7.09E-07	1.69E-07	1.65E-08	1.85E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	5.84E-06	3.08E-06
1941	494461.06, 3859351.99	1.15E-03	1.21E-06	6.98E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	5.79E-06	3.05E-06
1942	494511.06, 3859351.99	1.14E-03	1.19E-06	6.89E-07	1.64E-07	1.60E-08	1.80E-07	1.11E-03	3.86E-07	1.16E-06	1.29E-08	1.51E-07	1.64E-07	5.73E-06	3.02E-06
1943	494561.06, 3859351.99	1.13E-03	1.18E-06	6.82E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	5.69E-06	2.99E-06
1944	494611.06, 3859351.99	1.11E-03	1.16E-06	6.74E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	5.64E-06	2.97E-06
1945	494661.06, 3859351.99	1.10E-03	1.15E-06	6.66E-07	1.58E-07	1.55E-08	1.74E-07	1.07E-03	3.71E-07	1.12E-06	1.24E-08	1.45E-07	1.58E-07	5.60E-06	2.94E-06
1946	494711.06, 3859351.99	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.06E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	5.57E-06	2.92E-06
1947	494761.06, 3859351.99	1.06E-03	1.11E-06	6.41E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	5.55E-06	2.91E-06
1948	494811.06, 3859351.99	1.04E-03	1.09E-06	6.29E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.60E-06	2.93E-06
1949	494861.06, 3859351.99	1.03E-03	1.07E-06	6.22E-07	1.48E-07	1.45E-08	1.62E-07	9.99E-04	3.46E-07	1.04E-06	1.16E-08	1.35E-07	1.47E-07	5.77E-06	3.01E-06
1950	494911.06, 3859351.99	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.90E-04	3.43E-07	1.03E-06	1.14E-08	1.34E-07	1.46E-07	5.61E-06	2.93E-06
1951	494961.06, 3859351.99	1.01E-03	1.05E-06	6.09E-07	1.45E-07	1.42E-08	1.59E-07	9.78E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.44E-07	5.43E-06	2.84E-06
1952	495011.06, 3859351.99	9.99E-04	1.04E-06	6.04E-07	1.44E-07	1.40E-08	1.58E-07	9.68E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.33E-06	2.79E-06
1953	495061.06, 3859351.99	9.97E-04	1.04E-06	6.03E-07	1.43E-07	1.40E-08	1.57E-07	9.68E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	5.27E-06	2.76E-06
1954	495111.06, 3859351.99	9.88E-04	1.03E-06	5.98E-07	1.42E-07	1.39E-08	1.56E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.20E-06	2.73E-06
1955	495161.06, 3859351.99	9.81E-04	1.03E-06	5.94E-07	1.41E-07	1.38E-08	1.55E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	5.15E-06	2.70E-06
1956	495211.06, 3859351.99	9.74E-04	1.02E-06	5.90E-07	1.40E-07	1.37E-08	1.54E-07	9.45E-04	3.27E-07	9.87E-07	1.09E-08	1.28E-07	1.39E-07	5.10E-06	2.67E-06
1957	495261.06, 3859351.99	9.70E-04	1.01E-06	5.87E-07	1.39E-07	1.36E-08	1.53E-07	9.40E-04	3.25E-07	9.82E-07	1.09E-08	1.27E-07	1.38E-07	5.05E-06	2.65E-06
1958	495311.06, 3859351.99	9.61E-04	1.00E-06	5.82E-07	1.38E-07	1.35E-08	1.52E-07	9.31E-04	3.22E-07	9.73E-07	1.08E-08	1.26E-07	1.37E-07	5.01E-06	2.63E-06
1959	495361.06, 3859351.99	9.55E-04	9.98E-07	5.78E-07	1.37E-07	1.34E-08	1.51E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	4.96E-06	2.60E-06
1960	495411.06, 3859351.99	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	9.20E-04	3.18E-07	9.61E-07	1.06E-08	1.25E-07	1.35E-07	4.92E-06	2.58E-06
1961	495461.06, 3859351.99	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	4.89E-06	2.57E-06
1962	495511.06, 3859351.99	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	4.84E-06	2.54E-06
1963	495561.06, 3859351.99	9.29E-04	9.71E-07	5.62E-07	1.34E-07	1.31E-08	1.47E-07	8.98E-04	3.11E-07	9.38E-07	1.04E-08	1.22E-07	1.32E-07	4.79E-06	2.52E-06
1964	495611.06, 3859351.99	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	4.75E-06	2.50E-06
1965	495661.06, 3859351.99	9.12E-04	9.54E-07	5.52E-07	1.31E-07	1.28E-08	1.44E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	4.71E-06	2.47E-06
1966	494311.06, 3859401.99	1.24E-03	1.29E-06	7.49E-07	1.78E-07	1.74E-08	1.95E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	5.89E-06	3.11E-06
1967	494361.06, 3859401.99	1.22E-03	1.27E-06	7.36E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.62E-07	1.75E-07	5.85E-06	3.09E-06
1968	494411.06, 3859401.99	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.23E-06	1.36E-08	1.59E-07	1.72E-07	5.81E-06	3.06E-06
1969	494461.06, 3859401.99	1.18E-03	1.23E-06	7.14E-07	1.70E-07	1.66E-08	1.86E-07	1.16E-03	4.00E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	5.76E-06	3.04E-06
1970	494511.06, 3859401.99	1.17E-03	1.22E-06	7.06E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.96E-07	1.20E-06	1.32E-08	1.55E-07	1.68E-07	5.71E-06	3.01E-06
1971	494561.06, 3859401.99	1.15E-03	1.21E-06	6.98E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	5.67E-06	2.99E-06
1972	494611.06, 3859401.99	1.14E-03	1.19E-06	6.89E-07	1.64E-07	1.60E-08	1.80E-07	1.11E-03	3.86E-07	1.16E-06	1.29E-08	1.51E-07	1.64E-07	5.63E-06	2.97E-06
1973	494661.06, 3859401.99	1.13E-03	1.18E-06	6.82E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	5.59E-06	2.95E-06
1974	494711.06, 3859401.99	1.11E-03	1.16E-06	6.74E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	5.56E-06	2.93E-06
1975	494761.06, 3859401.99	1.09E-03	1.14E-06	6.58E-07	1.56E-07	1.53E-08	1.72E-07	1.06E-03	3.67E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	5.54E-06	2.91E-06
1976	494811.06, 3859401.99	1.07E-03	1.12E-06	6.50E-07	1.54E-07	1.51E-08	1.70E-07	1.05E-03	3.62E-07	1.09E-06	1.21E-08	1.42E-07	1.54E-07	5.59E-06	2.94E-06
1977	494861.06, 3859401.99	1.05E-03	1.10E-06	6.38E-07	1.52E-07	1.48E-08	1.66E-07	1.03E-03	3.55E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	5.76E-06	3.01E-06
1978	494911.06, 3859401.99	1.04E-03	1.09E-06	6.28E-07	1.49E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.59E-06	2.93E-06
1979	494961.06, 3859401.99	1.03E-03	1.08E-06	6.24E-07	1.48E-07	1.45E-08	1.63E-07	1.00E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	5.42E-06	2.84E-06
1980	495011.06, 3859401.99	1.03E-03	1.07E-06	6.20E-07	1.47E-07	1.44E-08	1.62E-07	9.96E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	5.32E-06	2.79E-06

1981	495061.06, 3859401.99	1.02E-03	1.06E-06	6.15E-07	1.46E-07	1.43E-08	1.61E-07	9.87E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.25E-06	2.76E-06
1982	495111.06, 3859401.99	1.01E-03	1.05E-06	6.08E-07	1.45E-07	1.41E-08	1.59E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	5.18E-06	2.72E-06
1983	495161.06, 3859401.99	1.00E-03	1.05E-06	6.07E-07	1.44E-07	1.41E-08	1.58E-07	9.73E-04	3.37E-07	1.02E-06	1.12E-08	1.32E-07	1.43E-07	5.12E-06	2.69E-06
1984	495211.06, 3859401.99	9.99E-04	1.04E-06	6.04E-07	1.44E-07	1.40E-08	1.58E-07	9.70E-04	3.36E-07	1.01E-06	1.12E-08	1.31E-07	1.43E-07	5.08E-06	2.67E-06
1985	495261.06, 3859401.99	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.62E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.41E-07	5.03E-06	2.64E-06
1986	495311.06, 3859401.99	9.84E-04	1.03E-06	5.96E-07	1.42E-07	1.38E-08	1.55E-07	9.54E-04	3.30E-07	9.97E-07	1.10E-08	1.29E-07	1.40E-07	4.98E-06	2.62E-06
1987	495361.06, 3859401.99	9.81E-04	1.03E-06	5.94E-07	1.41E-07	1.38E-08	1.55E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	4.94E-06	2.60E-06
1988	495411.06, 3859401.99	9.76E-04	1.02E-06	5.91E-07	1.40E-07	1.37E-08	1.54E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	4.90E-06	2.58E-06
1989	495461.06, 3859401.99	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	4.86E-06	2.55E-06
1990	495511.06, 3859401.99	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.26E-04	3.20E-07	9.68E-07	1.07E-08	1.25E-07	1.36E-07	4.81E-06	2.53E-06
1991	495561.06, 3859401.99	9.45E-04	9.88E-07	5.72E-07	1.36E-07	1.33E-08	1.49E-07	9.15E-04	3.17E-07	9.56E-07	1.06E-08	1.24E-07	1.34E-07	4.76E-06	2.50E-06
1992	495611.06, 3859401.99	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	4.72E-06	2.48E-06
1993	495661.06, 3859401.99	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	4.68E-06	2.46E-06
1994	494311.06, 3859451.99	1.26E-03	1.32E-06	7.63E-07	1.81E-07	1.77E-08	1.99E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	5.84E-06	3.10E-06
1995	494361.06, 3859451.99	1.24E-03	1.30E-06	7.52E-07	1.79E-07	1.75E-08	1.96E-07	1.22E-03	4.22E-07	1.28E-06	1.41E-08	1.65E-07	1.79E-07	5.81E-06	3.07E-06
1996	494411.06, 3859451.99	1.22E-03	1.27E-06	7.36E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.62E-07	1.75E-07	5.77E-06	3.05E-06
1997	494461.06, 3859451.99	1.21E-03	1.26E-06	7.30E-07	1.73E-07	1.70E-08	1.90E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	5.73E-06	3.03E-06
1998	494511.06, 3859451.99	1.19E-03	1.24E-06	7.20E-07	1.71E-07	1.67E-08	1.88E-07	1.17E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	5.70E-06	3.01E-06
1999	494561.06, 3859451.99	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.15E-03	3.99E-07	1.21E-06	1.33E-08	1.56E-07	1.69E-07	5.67E-06	2.99E-06
2000	494611.06, 3859451.99	1.17E-03	1.22E-06	7.06E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.96E-07	1.20E-06	1.32E-08	1.55E-07	1.68E-07	5.64E-06	2.98E-06
2001	494661.06, 3859451.99	1.15E-03	1.20E-06	6.96E-07	1.65E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	5.60E-06	2.95E-06
2002	494711.06, 3859451.99	1.13E-03	1.19E-06	6.86E-07	1.63E-07	1.60E-08	1.79E-07	1.11E-03	3.84E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	5.57E-06	2.94E-06
2003	494761.06, 3859451.99	1.12E-03	1.17E-06	6.79E-07	1.61E-07	1.58E-08	1.77E-07	1.10E-03	3.80E-07	1.15E-06	1.27E-08	1.48E-07	1.61E-07	5.56E-06	2.93E-06
2004	494811.06, 3859451.99	1.10E-03	1.15E-06	6.67E-07	1.58E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	5.61E-06	2.95E-06
2005	494861.06, 3859451.99	1.09E-03	1.13E-06	6.57E-07	1.56E-07	1.53E-08	1.71E-07	1.06E-03	3.67E-07	1.11E-06	1.22E-08	1.43E-07	1.56E-07	5.64E-06	2.96E-06
2006	494911.06, 3859451.99	1.07E-03	1.12E-06	6.49E-07	1.54E-07	1.51E-08	1.69E-07	1.04E-03	3.62E-07	1.09E-06	1.21E-08	1.41E-07	1.54E-07	5.61E-06	2.94E-06
2007	494961.06, 3859451.99	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	5.43E-06	2.85E-06
2008	495011.06, 3859451.99	1.05E-03	1.10E-06	6.38E-07	1.52E-07	1.48E-08	1.66E-07	1.03E-03	3.55E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	5.32E-06	2.80E-06
2009	495061.06, 3859451.99	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.49E-07	5.23E-06	2.75E-06
2010	495111.06, 3859451.99	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	1.01E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	5.16E-06	2.72E-06
2011	495161.06, 3859451.99	1.03E-03	1.07E-06	6.22E-07	1.48E-07	1.45E-08	1.62E-07	9.99E-04	3.46E-07	1.04E-06	1.16E-08	1.35E-07	1.47E-07	5.10E-06	2.69E-06
2012	495211.06, 3859451.99	1.02E-03	1.07E-06	6.19E-07	1.47E-07	1.44E-08	1.62E-07	9.95E-04	3.44E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	5.05E-06	2.66E-06
2013	495261.06, 3859451.99	1.02E-03	1.06E-06	6.16E-07	1.46E-07	1.43E-08	1.61E-07	9.88E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	5.00E-06	2.64E-06
2014	495311.06, 3859451.99	1.01E-03	1.06E-06	6.11E-07	1.45E-07	1.42E-08	1.59E-07	9.81E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	4.95E-06	2.61E-06
2015	495361.06, 3859451.99	1.00E-03	1.05E-06	6.07E-07	1.44E-07	1.41E-08	1.58E-07	9.74E-04	3.37E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	4.91E-06	2.59E-06
2016	495411.06, 3859451.99	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.67E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	4.87E-06	2.57E-06
2017	495461.06, 3859451.99	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.59E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	4.82E-06	2.54E-06
2018	495511.06, 3859451.99	9.76E-04	1.02E-06	5.91E-07	1.40E-07	1.37E-08	1.54E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	4.77E-06	2.52E-06
2019	495561.06, 3859451.99	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.38E-04	3.25E-07	9.81E-07	1.08E-08	1.27E-07	1.38E-07	4.73E-06	2.49E-06
2020	495611.06, 3859451.99	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	4.69E-06	2.47E-06
2021	495661.06, 3859451.99	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	9.23E-04	3.19E-07	9.64E-07	1.07E-08	1.25E-07	1.36E-07	4.65E-06	2.45E-06
2022	494311.06, 3859501.99	1.29E-03	1.35E-06	7.81E-07	1.86E-07	1.82E-08	2.04E-07	1.27E-03	4.39E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	5.80E-06	3.08E-06
2023	494361.06, 3859501.99	1.27E-03	1.33E-06	7.68E-07	1.83E-07	1.79E-08	2.00E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.84E-07	5.77E-06	3.06E-06
2024	494411.06, 3859501.99	1.24E-03	1.29E-06	7.49E-07	1.78E-07	1.74E-08	1.95E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	5.77E-06	3.05E-06
2025	494461.06, 3859501.99	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	5.76E-06	3.05E-06
2026	494511.06, 3859501.99	1.21E-03	1.27E-06	7.35E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.61E-07	1.75E-07	5.75E-06	3.04E-06
2027	494561.06, 3859501.99	1.20E-03	1.25E-06	7.26E-07	1.73E-07	1.69E-08	1.89E-07	1.18E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	5.75E-06	3.04E-06
2028	494611.06, 3859501.99	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.23E-06	1.36E-08	1.59E-07	1.72E-07	5.75E-06	3.04E-06
2029	494661.06, 3859501.99	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	5.73E-06	3.02E-06
2030	494711.06, 3859501.99	1.16E-03	1.21E-06	6.99E-07	1.66E-07	1.63E-08	1.82E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	5.70E-06	3.01E-06
2031	494761.06, 3859501.99	1.15E-03	1.20E-06	6.95E-07	1.65E-07	1.62E-08	1.81E-07	1.12E-03	3.89E-07	1.18E-06	1.30E-08	1.52E-07	1.65E-07	5.70E-06	3.00E-06
2032	494811.06, 3859501.99	1.12E-03	1.17E-06	6.79E-07	1.61E-07	1.58E-08	1.77E-07	1.10E-03	3.80E-07	1.15E-06	1.27E-08	1.49E-07	1.61E-07	5.71E-06	3.00E-06
2033	494861.06, 3859501.99	1.11E-03	1.16E-06	6.73E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.13E-06	1.25E-08	1.47E-07	1.60E-07	5.72E-06	3.00E-06
2034	494911.06, 3859501.99	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	5.66E-06	2.97E-06
2035	494961.06, 3859501.99	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	5.44E-06	2.86E-06
2036	495011.06, 3859501.99	1.08E-03	1.13E-06	6.54E-07	1.55E-07	1.52E-08	1.71E-07	1.05E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	5.31E-06	2.80E-06
2037	495061.06, 3859501.99	1.07E-03	1.12E-06	6.49E-07	1.54E-07	1.51E-08	1.69E-07	1.05E-03	3.62E-07	1.09E-06	1.21E-08	1.42E-07	1.54E-07	5.21E-06	2.75E-06
2038	495111.06, 3859501.99	1.06E-03	1.11E-06	6.41E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	5.13E-06	2.71E-06
2039	495161.06, 3859501.99	1.05E-03	1.10E-06	6.37E-07	1.51E-07	1.48E-08	1.66E-07	1.02E-03	3.55E-07	1.07E-06	1.18E-08	1.39E-07	1.51E-07	5.07E-06	2.67E-06
2040	495211.06, 3859501.99	1.05E-03	1.10E-06	6.34E-07	1.51E-07	1.47E-08	1.65E-07	1.02E-03	3.53E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	5.02E-06	2.65E-06
2041	495261.06, 3859501.99	1.04E-03	1.09E-06	6.30E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	4.96E-06	2.62E-06
2042	495311.06, 3859501.99	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	1.01E-03	3.49E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	4.92E-06	2.60E-06

2043	495361.06, 3859501.99	1.03E-03	1.07E-06	6.21E-07	1.48E-07	1.44E-08	1.62E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	4.87E-06	2.57E-06
2044	495411.06, 3859501.99	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.92E-04	3.43E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	4.83E-06	2.55E-06
2045	495461.06, 3859501.99	1.01E-03	1.06E-06	6.12E-07	1.46E-07	1.42E-08	1.60E-07	9.82E-04	3.40E-07	1.03E-06	1.14E-08	1.33E-07	1.44E-07	4.79E-06	2.53E-06
2046	495511.06, 3859501.99	9.94E-04	1.04E-06	6.01E-07	1.43E-07	1.40E-08	1.57E-07	9.65E-04	3.34E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	4.74E-06	2.50E-06
2047	495561.06, 3859501.99	9.91E-04	1.04E-06	6.00E-07	1.42E-07	1.39E-08	1.56E-07	9.62E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.41E-07	4.70E-06	2.48E-06
2048	495611.06, 3859501.99	9.83E-04	1.03E-06	5.95E-07	1.41E-07	1.38E-08	1.55E-07	9.52E-04	3.30E-07	9.95E-07	1.10E-08	1.29E-07	1.40E-07	4.66E-06	2.46E-06
2049	495661.06, 3859501.99	9.73E-04	1.02E-06	5.89E-07	1.40E-07	1.37E-08	1.54E-07	9.43E-04	3.26E-07	9.86E-07	1.09E-08	1.28E-07	1.39E-07	4.61E-06	2.44E-06
2050	494311.06, 3859551.99	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.30E-03	4.49E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.74E-06	3.06E-06
2051	494361.06, 3859551.99	1.29E-03	1.35E-06	7.79E-07	1.85E-07	1.81E-08	2.03E-07	1.27E-03	4.39E-07	1.32E-06	1.46E-08	1.72E-07	1.86E-07	5.74E-06	3.05E-06
2052	494411.06, 3859551.99	1.26E-03	1.31E-06	7.60E-07	1.81E-07	1.77E-08	1.98E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	5.82E-06	3.08E-06
2053	494461.06, 3859551.99	1.26E-03	1.32E-06	7.62E-07	1.81E-07	1.77E-08	1.99E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.68E-07	1.82E-07	6.03E-06	3.19E-06
2054	494511.06, 3859551.99	1.24E-03	1.30E-06	7.52E-07	1.79E-07	1.75E-08	1.96E-07	1.22E-03	4.22E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	6.63E-06	3.47E-06
2055	494561.06, 3859551.99	1.23E-03	1.28E-06	7.42E-07	1.76E-07	1.72E-08	1.94E-07	1.20E-03	4.16E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	6.57E-06	3.44E-06
2056	494611.06, 3859551.99	1.22E-03	1.27E-06	7.37E-07	1.75E-07	1.71E-08	1.92E-07	1.19E-03	4.13E-07	1.25E-06	1.38E-08	1.62E-07	1.75E-07	6.54E-06	3.43E-06
2057	494661.06, 3859551.99	1.20E-03	1.26E-06	7.29E-07	1.73E-07	1.69E-08	1.90E-07	1.18E-03	4.09E-07	1.23E-06	1.37E-08	1.60E-07	1.74E-07	6.48E-06	3.39E-06
2058	494711.06, 3859551.99	1.17E-03	1.22E-06	7.09E-07	1.69E-07	1.65E-08	1.85E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	6.43E-06	3.36E-06
2059	494761.06, 3859551.99	1.18E-03	1.23E-06	7.11E-07	1.69E-07	1.65E-08	1.86E-07	1.15E-03	3.99E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	6.46E-06	3.38E-06
2060	494811.06, 3859551.99	1.15E-03	1.20E-06	6.97E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	6.41E-06	3.35E-06
2061	494861.06, 3859551.99	1.14E-03	1.19E-06	6.89E-07	1.64E-07	1.60E-08	1.80E-07	1.12E-03	3.86E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	6.16E-06	3.23E-06
2062	494911.06, 3859551.99	1.13E-03	1.18E-06	6.81E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	5.62E-06	2.96E-06
2063	494961.06, 3859551.99	1.12E-03	1.17E-06	6.77E-07	1.61E-07	1.57E-08	1.77E-07	1.09E-03	3.79E-07	1.14E-06	1.26E-08	1.48E-07	1.61E-07	5.37E-06	2.84E-06
2064	495011.06, 3859551.99	1.11E-03	1.16E-06	6.73E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.13E-06	1.25E-08	1.47E-07	1.60E-07	5.24E-06	2.77E-06
2065	495061.06, 3859551.99	1.10E-03	1.15E-06	6.66E-07	1.58E-07	1.55E-08	1.74E-07	1.07E-03	3.72E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	5.15E-06	2.73E-06
2066	495111.06, 3859551.99	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	5.08E-06	2.69E-06
2067	495161.06, 3859551.99	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.05E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	5.02E-06	2.66E-06
2068	495211.06, 3859551.99	1.08E-03	1.13E-06	6.52E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	4.97E-06	2.63E-06
2069	495261.06, 3859551.99	1.07E-03	1.11E-06	6.45E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	4.92E-06	2.61E-06
2070	495311.06, 3859551.99	1.06E-03	1.11E-06	6.40E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	4.87E-06	2.58E-06
2071	495361.06, 3859551.99	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.39E-07	1.50E-07	4.83E-06	2.56E-06
2072	495411.06, 3859551.99	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.49E-07	4.79E-06	2.54E-06
2073	495461.06, 3859551.99	1.03E-03	1.08E-06	6.24E-07	1.48E-07	1.45E-08	1.63E-07	1.00E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	4.74E-06	2.51E-06
2074	495511.06, 3859551.99	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.92E-04	3.43E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	4.70E-06	2.49E-06
2075	495561.06, 3859551.99	1.01E-03	1.06E-06	6.12E-07	1.46E-07	1.42E-08	1.60E-07	9.84E-04	3.41E-07	1.03E-06	1.14E-08	1.33E-07	1.45E-07	4.66E-06	2.47E-06
2076	495611.06, 3859551.99	1.00E-03	1.05E-06	6.07E-07	1.44E-07	1.41E-08	1.58E-07	9.74E-04	3.37E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	4.62E-06	2.44E-06
2077	495661.06, 3859551.99	9.94E-04	1.04E-06	6.01E-07	1.43E-07	1.40E-08	1.57E-07	9.65E-04	3.34E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	4.58E-06	2.42E-06
2078	494311.06, 3859601.99	1.35E-03	1.41E-06	8.17E-07	1.94E-07	1.90E-08	2.13E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	5.68E-06	3.03E-06
2079	494361.06, 3859601.99	1.31E-03	1.37E-06	7.92E-07	1.88E-07	1.84E-08	2.07E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.74E-07	1.89E-07	5.69E-06	3.03E-06
2080	494411.06, 3859601.99	1.29E-03	1.35E-06	7.79E-07	1.85E-07	1.81E-08	2.03E-07	1.27E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	5.78E-06	3.07E-06
2081	494461.06, 3859601.99	1.29E-03	1.35E-06	7.79E-07	1.85E-07	1.81E-08	2.03E-07	1.26E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	5.98E-06	3.17E-06
2082	494511.06, 3859601.99	1.26E-03	1.32E-06	7.63E-07	1.81E-07	1.77E-08	1.99E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	5.87E-06	3.11E-06
2083	494561.06, 3859601.99	1.26E-03	1.31E-06	7.60E-07	1.81E-07	1.77E-08	1.98E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	5.73E-06	3.04E-06
2084	494611.06, 3859601.99	1.25E-03	1.31E-06	7.56E-07	1.80E-07	1.76E-08	1.97E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	5.64E-06	2.99E-06
2085	494661.06, 3859601.99	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	5.59E-06	2.96E-06
2086	494711.06, 3859601.99	1.20E-03	1.25E-06	7.26E-07	1.73E-07	1.69E-08	1.89E-07	1.17E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	5.54E-06	2.94E-06
2087	494761.06, 3859601.99	1.21E-03	1.26E-06	7.30E-07	1.73E-07	1.70E-08	1.90E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	5.48E-06	2.91E-06
2088	494811.06, 3859601.99	1.18E-03	1.24E-06	7.15E-07	1.70E-07	1.66E-08	1.87E-07	1.16E-03	4.01E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	5.43E-06	2.88E-06
2089	494861.06, 3859601.99	1.17E-03	1.22E-06	7.08E-07	1.68E-07	1.65E-08	1.85E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	5.35E-06	2.84E-06
2090	494911.06, 3859601.99	1.15E-03	1.20E-06	6.97E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	5.27E-06	2.79E-06
2091	494961.06, 3859601.99	1.15E-03	1.20E-06	6.96E-07	1.65E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	5.20E-06	2.76E-06
2092	495011.06, 3859601.99	1.13E-03	1.18E-06	6.85E-07	1.63E-07	1.59E-08	1.79E-07	1.11E-03	3.83E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	5.13E-06	2.72E-06
2093	495061.06, 3859601.99	1.13E-03	1.18E-06	6.82E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	5.07E-06	2.69E-06
2094	495111.06, 3859601.99	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	5.01E-06	2.66E-06
2095	495161.06, 3859601.99	1.11E-03	1.16E-06	6.71E-07	1.59E-07	1.56E-08	1.75E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	4.96E-06	2.63E-06
2096	495211.06, 3859601.99	1.10E-03	1.15E-06	6.66E-07	1.58E-07	1.55E-08	1.74E-07	1.07E-03	3.71E-07	1.12E-06	1.24E-08	1.45E-07	1.58E-07	4.91E-06	2.61E-06
2097	495261.06, 3859601.99	1.09E-03	1.14E-06	6.61E-07	1.57E-07	1.54E-08	1.72E-07	1.07E-03	3.69E-07	1.12E-06	1.23E-08	1.44E-07	1.57E-07	4.87E-06	2.59E-06
2098	495311.06, 3859601.99	1.09E-03	1.14E-06	6.58E-07	1.56E-07	1.53E-08	1.72E-07	1.06E-03	3.67E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	4.83E-06	2.57E-06
2099	495361.06, 3859601.99	1.08E-03	1.13E-06	6.52E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.42E-07	1.54E-07	4.78E-06	2.54E-06
2100	495411.06, 3859601.99	1.07E-03	1.12E-06	6.48E-07	1.54E-07	1.51E-08	1.69E-07	1.04E-03	3.62E-07	1.09E-06	1.21E-08	1.41E-07	1.54E-07	4.74E-06	2.52E-06
2101	495461.06, 3859601.99	1.06E-03	1.10E-06	6.39E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.56E-07	1.08E-06	1.19E-08	1.39E-07	1.51E-07	4.70E-06	2.50E-06
2102	495511.06, 3859601.99	1.04E-03	1.09E-06	6.30E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	4.65E-06	2.47E-06
2103	495561.06, 3859601.99	1.04E-03	1.09E-06	6.28E-07	1.49E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	4.62E-06	2.45E-06
2104	495611.06, 3859601.99	1.02E-03	1.07E-06	6.19E-07	1.47E-07	1.44E-08	1.62E-07	9.95E-04	3.44E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	4.58E-06	2.43E-06

2105	495661.06, 3859601.99	1.02E-03	1.06E-06	6.15E-07	1.46E-07	1.43E-08	1.61E-07	9.88E-04	3.42E-07	1.03E-06	1.14E-08	1.34E-07	1.45E-07	4.54E-06	2.41E-06
2106	494311.06, 3859651.99	1.37E-03	1.43E-06	8.31E-07	1.97E-07	1.93E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	5.61E-06	3.01E-06
2107	494361.06, 3859651.99	1.34E-03	1.40E-06	8.08E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	5.62E-06	3.00E-06
2108	494411.06, 3859651.99	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.30E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	5.70E-06	3.03E-06
2109	494461.06, 3859651.99	1.32E-03	1.38E-06	7.97E-07	1.89E-07	1.85E-08	2.08E-07	1.29E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	5.88E-06	3.12E-06
2110	494511.06, 3859651.99	1.30E-03	1.36E-06	7.86E-07	1.87E-07	1.83E-08	2.05E-07	1.28E-03	4.42E-07	1.33E-06	1.48E-08	1.73E-07	1.88E-07	5.73E-06	3.05E-06
2111	494561.06, 3859651.99	1.29E-03	1.35E-06	7.79E-07	1.85E-07	1.81E-08	2.03E-07	1.27E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	5.56E-06	2.96E-06
2112	494611.06, 3859651.99	1.28E-03	1.33E-06	7.72E-07	1.84E-07	1.80E-08	2.02E-07	1.25E-03	4.34E-07	1.31E-06	1.45E-08	1.70E-07	1.84E-07	5.46E-06	2.91E-06
2113	494661.06, 3859651.99	1.24E-03	1.30E-06	7.52E-07	1.79E-07	1.75E-08	1.96E-07	1.22E-03	4.22E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	5.39E-06	2.87E-06
2114	494711.06, 3859651.99	1.23E-03	1.29E-06	7.46E-07	1.77E-07	1.73E-08	1.95E-07	1.21E-03	4.18E-07	1.26E-06	1.40E-08	1.64E-07	1.78E-07	5.33E-06	2.84E-06
2115	494761.06, 3859651.99	1.23E-03	1.28E-06	7.44E-07	1.77E-07	1.73E-08	1.94E-07	1.20E-03	4.17E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	5.28E-06	2.81E-06
2116	494811.06, 3859651.99	1.21E-03	1.27E-06	7.33E-07	1.74E-07	1.70E-08	1.91E-07	1.19E-03	4.11E-07	1.24E-06	1.37E-08	1.61E-07	1.75E-07	5.23E-06	2.78E-06
2117	494861.06, 3859651.99	1.20E-03	1.26E-06	7.27E-07	1.73E-07	1.69E-08	1.90E-07	1.18E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	5.17E-06	2.76E-06
2118	494911.06, 3859651.99	1.19E-03	1.24E-06	7.18E-07	1.71E-07	1.67E-08	1.87E-07	1.16E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	5.12E-06	2.73E-06
2119	494961.06, 3859651.99	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.15E-03	3.99E-07	1.21E-06	1.33E-08	1.56E-07	1.69E-07	5.07E-06	2.70E-06
2120	495011.06, 3859651.99	1.17E-03	1.22E-06	7.05E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.95E-07	1.19E-06	1.32E-08	1.54E-07	1.68E-07	5.02E-06	2.68E-06
2121	495061.06, 3859651.99	1.16E-03	1.21E-06	7.00E-07	1.66E-07	1.63E-08	1.83E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	4.98E-06	2.65E-06
2122	495111.06, 3859651.99	1.14E-03	1.20E-06	6.92E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.88E-07	1.17E-06	1.29E-08	1.52E-07	1.65E-07	4.93E-06	2.63E-06
2123	495161.06, 3859651.99	1.14E-03	1.19E-06	6.87E-07	1.63E-07	1.60E-08	1.79E-07	1.11E-03	3.84E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	4.89E-06	2.60E-06
2124	495211.06, 3859651.99	1.13E-03	1.18E-06	6.82E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.84E-06	2.58E-06
2125	495261.06, 3859651.99	1.12E-03	1.17E-06	6.77E-07	1.61E-07	1.57E-08	1.77E-07	1.09E-03	3.79E-07	1.14E-06	1.26E-08	1.48E-07	1.61E-07	4.80E-06	2.56E-06
2126	495311.06, 3859651.99	1.11E-03	1.16E-06	6.72E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.13E-06	1.25E-08	1.47E-07	1.60E-07	4.77E-06	2.54E-06
2127	495361.06, 3859651.99	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.13E-06	1.25E-08	1.46E-07	1.58E-07	4.73E-06	2.52E-06
2128	495411.06, 3859651.99	1.09E-03	1.14E-06	6.62E-07	1.57E-07	1.54E-08	1.73E-07	1.07E-03	3.70E-07	1.12E-06	1.23E-08	1.45E-07	1.57E-07	4.69E-06	2.50E-06
2129	495461.06, 3859651.99	1.08E-03	1.13E-06	6.53E-07	1.55E-07	1.52E-08	1.70E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	4.65E-06	2.48E-06
2130	495511.06, 3859651.99	1.07E-03	1.12E-06	6.46E-07	1.54E-07	1.50E-08	1.69E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	4.61E-06	2.45E-06
2131	495561.06, 3859651.99	1.06E-03	1.11E-06	6.41E-07	1.52E-07	1.49E-08	1.67E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	4.57E-06	2.43E-06
2132	495611.06, 3859651.99	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.39E-07	1.50E-07	4.53E-06	2.41E-06
2133	495661.06, 3859651.99	1.04E-03	1.09E-06	6.29E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	4.49E-06	2.39E-06
2134	494311.06, 3859701.99	1.37E-03	1.43E-06	8.30E-07	1.97E-07	1.93E-08	2.16E-07	1.35E-03	4.66E-07	1.41E-06	1.56E-08	1.82E-07	1.98E-07	5.54E-06	2.97E-06
2135	494361.06, 3859701.99	1.35E-03	1.42E-06	8.20E-07	1.95E-07	1.91E-08	2.14E-07	1.33E-03	4.61E-07	1.39E-06	1.54E-08	1.80E-07	1.96E-07	5.54E-06	2.97E-06
2136	494411.06, 3859701.99	1.35E-03	1.41E-06	8.14E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.57E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	5.62E-06	3.00E-06
2137	494461.06, 3859701.99	1.35E-03	1.41E-06	8.15E-07	1.94E-07	1.89E-08	2.13E-07	1.32E-03	4.58E-07	1.38E-06	1.53E-08	1.79E-07	1.95E-07	5.66E-06	3.02E-06
2138	494511.06, 3859701.99	1.33E-03	1.39E-06	8.06E-07	1.92E-07	1.87E-08	2.10E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	5.64E-06	3.01E-06
2139	494561.06, 3859701.99	1.32E-03	1.38E-06	7.99E-07	1.90E-07	1.86E-08	2.08E-07	1.30E-03	4.49E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.47E-06	2.92E-06
2140	494611.06, 3859701.99	1.31E-03	1.37E-06	7.92E-07	1.88E-07	1.84E-08	2.07E-07	1.29E-03	4.45E-07	1.34E-06	1.49E-08	1.74E-07	1.89E-07	5.36E-06	2.87E-06
2141	494661.06, 3859701.99	1.27E-03	1.33E-06	7.71E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	5.29E-06	2.83E-06
2142	494711.06, 3859701.99	1.27E-03	1.33E-06	7.67E-07	1.82E-07	1.78E-08	2.00E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	5.23E-06	2.80E-06
2143	494761.06, 3859701.99	1.25E-03	1.31E-06	7.58E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.81E-07	5.18E-06	2.77E-06
2144	494811.06, 3859701.99	1.24E-03	1.29E-06	7.48E-07	1.78E-07	1.74E-08	1.95E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	5.12E-06	2.74E-06
2145	494861.06, 3859701.99	1.23E-03	1.29E-06	7.46E-07	1.77E-07	1.73E-08	1.95E-07	1.21E-03	4.18E-07	1.26E-06	1.40E-08	1.64E-07	1.78E-07	5.07E-06	2.71E-06
2146	494911.06, 3859701.99	1.22E-03	1.27E-06	7.37E-07	1.75E-07	1.71E-08	1.92E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	5.03E-06	2.69E-06
2147	494961.06, 3859701.99	1.20E-03	1.26E-06	7.29E-07	1.73E-07	1.69E-08	1.90E-07	1.18E-03	4.09E-07	1.23E-06	1.37E-08	1.60E-07	1.74E-07	4.98E-06	2.66E-06
2148	495011.06, 3859701.99	1.20E-03	1.25E-06	7.25E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.23E-06	1.36E-08	1.59E-07	1.72E-07	4.93E-06	2.64E-06
2149	495061.06, 3859701.99	1.19E-03	1.24E-06	7.18E-07	1.71E-07	1.67E-08	1.87E-07	1.16E-03	4.02E-07	1.21E-06	1.34E-08	1.57E-07	1.71E-07	4.89E-06	2.62E-06
2150	495111.06, 3859701.99	1.18E-03	1.23E-06	7.11E-07	1.69E-07	1.65E-08	1.86E-07	1.15E-03	3.99E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	4.85E-06	2.60E-06
2151	495161.06, 3859701.99	1.16E-03	1.22E-06	7.04E-07	1.67E-07	1.64E-08	1.84E-07	1.14E-03	3.94E-07	1.19E-06	1.32E-08	1.54E-07	1.67E-07	4.81E-06	2.57E-06
2152	495211.06, 3859701.99	1.15E-03	1.20E-06	6.96E-07	1.65E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	4.77E-06	2.55E-06
2153	495261.06, 3859701.99	1.15E-03	1.20E-06	6.94E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.88E-07	1.17E-06	1.30E-08	1.52E-07	1.65E-07	4.73E-06	2.53E-06
2154	495311.06, 3859701.99	1.14E-03	1.19E-06	6.87E-07	1.63E-07	1.60E-08	1.79E-07	1.11E-03	3.84E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	4.69E-06	2.51E-06
2155	495361.06, 3859701.99	1.13E-03	1.18E-06	6.81E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.66E-06	2.49E-06
2156	495411.06, 3859701.99	1.11E-03	1.16E-06	6.74E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	4.62E-06	2.47E-06
2157	495461.06, 3859701.99	1.10E-03	1.15E-06	6.67E-07	1.58E-07	1.55E-08	1.74E-07	1.08E-03	3.73E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	4.58E-06	2.45E-06
2158	495511.06, 3859701.99	1.09E-03	1.13E-06	6.57E-07	1.56E-07	1.53E-08	1.71E-07	1.06E-03	3.67E-07	1.11E-06	1.22E-08	1.43E-07	1.56E-07	4.55E-06	2.43E-06
2159	495561.06, 3859701.99	1.08E-03	1.13E-06	6.56E-07	1.56E-07	1.52E-08	1.71E-07	1.06E-03	3.66E-07	1.11E-06	1.22E-08	1.43E-07	1.55E-07	4.52E-06	2.41E-06
2160	495611.06, 3859701.99	1.07E-03	1.12E-06	6.50E-07	1.54E-07	1.51E-08	1.70E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	4.48E-06	2.39E-06
2161	495661.06, 3859701.99	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	4.45E-06	2.38E-06
2162	494311.06, 3859751.99	1.41E-03	1.48E-06	8.54E-07	2.03E-07	1.99E-08	2.23E-07	1.39E-03	4.80E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	5.47E-06	2.94E-06
2163	494361.06, 3859751.99	1.40E-03	1.46E-06	8.44E-07	2.01E-07	1.96E-08	2.20E-07	1.37E-03	4.74E-07	1.43E-06	1.58E-08	1.86E-07	2.01E-07	5.47E-06	2.94E-06
2164	494411.06, 3859751.99	1.38E-03	1.44E-06	8.33E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	5.54E-06	2.97E-06
2165	494461.06, 3859751.99	1.37E-03	1.44E-06	8.32E-07	1.98E-07	1.93E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	5.58E-06	2.99E-06
2166	494511.06, 3859751.99	1.37E-03	1.43E-06	8.28E-07	1.97E-07	1.92E-08	2.16E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.98E-07	5.55E-06	2.97E-06

2167	494561.06, 3859751.99	1.35E-03	1.41E-06	8.19E-07	1.95E-07	1.90E-08	2.14E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	5.38E-06	2.89E-06
2168	494611.06, 3859751.99	1.33E-03	1.39E-06	8.07E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	5.28E-06	2.83E-06
2169	494661.06, 3859751.99	1.30E-03	1.36E-06	7.87E-07	1.87E-07	1.83E-08	2.05E-07	1.28E-03	4.42E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	5.20E-06	2.79E-06
2170	494711.06, 3859751.99	1.30E-03	1.36E-06	7.87E-07	1.87E-07	1.83E-08	2.05E-07	1.28E-03	4.42E-07	1.33E-06	1.48E-08	1.73E-07	1.88E-07	5.14E-06	2.76E-06
2171	494761.06, 3859751.99	1.29E-03	1.35E-06	7.81E-07	1.86E-07	1.82E-08	2.04E-07	1.27E-03	4.39E-07	1.32E-06	1.46E-08	1.72E-07	1.86E-07	5.09E-06	2.73E-06
2172	494811.06, 3859751.99	1.27E-03	1.33E-06	7.71E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	5.03E-06	2.70E-06
2173	494861.06, 3859751.99	1.26E-03	1.32E-06	7.64E-07	1.82E-07	1.78E-08	1.99E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	4.99E-06	2.68E-06
2174	494911.06, 3859751.99	1.25E-03	1.31E-06	7.58E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.81E-07	4.94E-06	2.65E-06
2175	494961.06, 3859751.99	1.24E-03	1.30E-06	7.51E-07	1.78E-07	1.74E-08	1.96E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	4.90E-06	2.63E-06
2176	495011.06, 3859751.99	1.23E-03	1.28E-06	7.44E-07	1.77E-07	1.73E-08	1.94E-07	1.20E-03	4.17E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	4.86E-06	2.61E-06
2177	495061.06, 3859751.99	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.81E-06	2.59E-06
2178	495111.06, 3859751.99	1.21E-03	1.26E-06	7.31E-07	1.74E-07	1.70E-08	1.91E-07	1.18E-03	4.10E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	4.77E-06	2.56E-06
2179	495161.06, 3859751.99	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.22E-06	1.35E-08	1.59E-07	1.72E-07	4.74E-06	2.54E-06
2180	495211.06, 3859751.99	1.18E-03	1.24E-06	7.16E-07	1.70E-07	1.66E-08	1.87E-07	1.16E-03	4.01E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	4.70E-06	2.52E-06
2181	495261.06, 3859751.99	1.18E-03	1.23E-06	7.11E-07	1.69E-07	1.65E-08	1.86E-07	1.15E-03	3.98E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	4.66E-06	2.50E-06
2182	495311.06, 3859751.99	1.16E-03	1.22E-06	7.04E-07	1.67E-07	1.64E-08	1.84E-07	1.14E-03	3.94E-07	1.19E-06	1.32E-08	1.54E-07	1.67E-07	4.63E-06	2.48E-06
2183	495361.06, 3859751.99	1.15E-03	1.21E-06	6.98E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.90E-07	1.18E-06	1.30E-08	1.53E-07	1.66E-07	4.59E-06	2.46E-06
2184	495411.06, 3859751.99	1.14E-03	1.19E-06	6.91E-07	1.64E-07	1.61E-08	1.80E-07	1.12E-03	3.87E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	4.56E-06	2.44E-06
2185	495461.06, 3859751.99	1.13E-03	1.18E-06	6.83E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.28E-08	1.50E-07	1.62E-07	4.52E-06	2.42E-06
2186	495511.06, 3859751.99	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	4.49E-06	2.41E-06
2187	495561.06, 3859751.99	1.11E-03	1.16E-06	6.70E-07	1.59E-07	1.56E-08	1.75E-07	1.08E-03	3.74E-07	1.13E-06	1.25E-08	1.46E-07	1.59E-07	4.45E-06	2.39E-06
2188	495611.06, 3859751.99	1.10E-03	1.15E-06	6.64E-07	1.58E-07	1.54E-08	1.73E-07	1.07E-03	3.71E-07	1.12E-06	1.24E-08	1.45E-07	1.57E-07	4.42E-06	2.37E-06
2189	495661.06, 3859751.99	1.09E-03	1.14E-06	6.60E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	4.39E-06	2.35E-06
2190	494311.06, 3859801.99	1.45E-03	1.52E-06	8.80E-07	2.09E-07	2.05E-08	2.30E-07	1.43E-03	4.95E-07	1.49E-06	1.65E-08	1.93E-07	2.10E-07	5.38E-06	2.91E-06
2191	494361.06, 3859801.99	1.43E-03	1.49E-06	8.65E-07	2.06E-07	2.01E-08	2.26E-07	1.40E-03	4.86E-07	1.47E-06	1.62E-08	1.90E-07	2.06E-07	5.38E-06	2.90E-06
2192	494411.06, 3859801.99	1.41E-03	1.47E-06	8.50E-07	2.02E-07	1.98E-08	2.22E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.87E-07	2.03E-07	5.45E-06	2.93E-06
2193	494461.06, 3859801.99	1.40E-03	1.47E-06	8.48E-07	2.02E-07	1.97E-08	2.21E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	5.52E-06	2.97E-06
2194	494511.06, 3859801.99	1.40E-03	1.47E-06	8.48E-07	2.02E-07	1.97E-08	2.21E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	5.47E-06	2.94E-06
2195	494561.06, 3859801.99	1.39E-03	1.45E-06	8.39E-07	2.00E-07	1.95E-08	2.19E-07	1.36E-03	4.72E-07	1.42E-06	1.58E-08	1.85E-07	2.00E-07	5.30E-06	2.86E-06
2196	494611.06, 3859801.99	1.36E-03	1.42E-06	8.23E-07	1.96E-07	1.91E-08	2.15E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	5.20E-06	2.80E-06
2197	494661.06, 3859801.99	1.34E-03	1.40E-06	8.13E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.57E-07	1.38E-06	1.52E-08	1.79E-07	1.94E-07	5.12E-06	2.76E-06
2198	494711.06, 3859801.99	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.06E-06	2.73E-06
2199	494761.06, 3859801.99	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.00E-06	2.70E-06
2200	494811.06, 3859801.99	1.31E-03	1.37E-06	7.91E-07	1.88E-07	1.84E-08	2.06E-07	1.28E-03	4.45E-07	1.34E-06	1.48E-08	1.74E-07	1.89E-07	4.96E-06	2.67E-06
2201	494861.06, 3859801.99	1.30E-03	1.36E-06	7.85E-07	1.87E-07	1.82E-08	2.05E-07	1.27E-03	4.41E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	4.91E-06	2.65E-06
2202	494911.06, 3859801.99	1.28E-03	1.34E-06	7.75E-07	1.84E-07	1.80E-08	2.02E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	4.86E-06	2.62E-06
2203	494961.06, 3859801.99	1.27E-03	1.33E-06	7.68E-07	1.83E-07	1.79E-08	2.00E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	4.82E-06	2.60E-06
2204	495011.06, 3859801.99	1.26E-03	1.32E-06	7.61E-07	1.81E-07	1.77E-08	1.99E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	4.78E-06	2.58E-06
2205	495061.06, 3859801.99	1.25E-03	1.31E-06	7.56E-07	1.80E-07	1.76E-08	1.97E-07	1.22E-03	4.24E-07	1.28E-06	1.41E-08	1.66E-07	1.80E-07	4.74E-06	2.55E-06
2206	495111.06, 3859801.99	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	4.70E-06	2.53E-06
2207	495161.06, 3859801.99	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.66E-06	2.51E-06
2208	495211.06, 3859801.99	1.21E-03	1.27E-06	7.34E-07	1.74E-07	1.71E-08	1.91E-07	1.19E-03	4.11E-07	1.24E-06	1.37E-08	1.61E-07	1.75E-07	4.63E-06	2.49E-06
2209	495261.06, 3859801.99	1.20E-03	1.25E-06	7.26E-07	1.73E-07	1.69E-08	1.89E-07	1.17E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	4.59E-06	2.47E-06
2210	495311.06, 3859801.99	1.19E-03	1.25E-06	7.21E-07	1.71E-07	1.68E-08	1.88E-07	1.17E-03	4.04E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	4.56E-06	2.45E-06
2211	495361.06, 3859801.99	1.18E-03	1.23E-06	7.14E-07	1.70E-07	1.66E-08	1.86E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	4.52E-06	2.43E-06
2212	495411.06, 3859801.99	1.17E-03	1.22E-06	7.06E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.95E-07	1.19E-06	1.32E-08	1.55E-07	1.68E-07	4.49E-06	2.42E-06
2213	495461.06, 3859801.99	1.16E-03	1.21E-06	6.99E-07	1.66E-07	1.63E-08	1.82E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	4.46E-06	2.40E-06
2214	495511.06, 3859801.99	1.14E-03	1.19E-06	6.91E-07	1.64E-07	1.61E-08	1.80E-07	1.12E-03	3.87E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	4.42E-06	2.38E-06
2215	495561.06, 3859801.99	1.13E-03	1.18E-06	6.85E-07	1.63E-07	1.59E-08	1.79E-07	1.11E-03	3.83E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	4.39E-06	2.36E-06
2216	495611.06, 3859801.99	1.13E-03	1.18E-06	6.82E-07	1.62E-07	1.59E-08	1.78E-07	1.10E-03	3.82E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.36E-06	2.34E-06
2217	495661.06, 3859801.99	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	4.33E-06	2.33E-06
2218	494311.06, 3859851.99	1.49E-03	1.56E-06	9.01E-07	2.14E-07	2.09E-08	2.35E-07	1.46E-03	5.06E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	5.30E-06	2.88E-06
2219	494361.06, 3859851.99	1.47E-03	1.54E-06	8.89E-07	2.11E-07	2.07E-08	2.32E-07	1.44E-03	4.99E-07	1.51E-06	1.67E-08	1.95E-07	2.12E-07	5.30E-06	2.87E-06
2220	494411.06, 3859851.99	1.45E-03	1.51E-06	8.75E-07	2.08E-07	2.03E-08	2.28E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.09E-07	5.36E-06	2.90E-06
2221	494461.06, 3859851.99	1.43E-03	1.49E-06	8.64E-07	2.05E-07	2.01E-08	2.25E-07	1.40E-03	4.85E-07	1.47E-06	1.62E-08	1.90E-07	2.06E-07	5.43E-06	2.93E-06
2222	494511.06, 3859851.99	1.42E-03	1.49E-06	8.61E-07	2.05E-07	2.00E-08	2.25E-07	1.40E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	5.40E-06	2.91E-06
2223	494561.06, 3859851.99	1.42E-03	1.48E-06	8.59E-07	2.04E-07	2.00E-08	2.24E-07	1.39E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	5.22E-06	2.82E-06
2224	494611.06, 3859851.99	1.39E-03	1.45E-06	8.40E-07	2.00E-07	1.95E-08	2.19E-07	1.36E-03	4.72E-07	1.42E-06	1.58E-08	1.85E-07	2.00E-07	5.12E-06	2.77E-06
2225	494661.06, 3859851.99	1.38E-03	1.44E-06	8.36E-07	1.99E-07	1.94E-08	2.18E-07	1.36E-03	4.69E-07	1.42E-06	1.57E-08	1.84E-07	1.99E-07	5.04E-06	2.73E-06
2226	494711.06, 3859851.99	1.36E-03	1.42E-06	8.22E-07	1.95E-07	1.91E-08	2.14E-07	1.33E-03	4.61E-07	1.39E-06	1.54E-08	1.81E-07	1.96E-07	4.98E-06	2.69E-06
2227	494761.06, 3859851.99	1.35E-03	1.42E-06	8.20E-07	1.95E-07	1.91E-08	2.14E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	4.92E-06	2.67E-06
2228	494811.06, 3859851.99	1.34E-03	1.40E-06	8.12E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	4.88E-06	2.64E-06

2229	494861.06, 3859851.99	1.33E-03	1.39E-06	8.06E-07	1.92E-07	1.87E-08	2.10E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	4.83E-06	2.61E-06
2230	494911.06, 3859851.99	1.32E-03	1.38E-06	7.96E-07	1.89E-07	1.85E-08	2.08E-07	1.29E-03	4.47E-07	1.35E-06	1.49E-08	1.75E-07	1.90E-07	4.79E-06	2.59E-06
2231	494961.06, 3859851.99	1.30E-03	1.36E-06	7.89E-07	1.88E-07	1.83E-08	2.06E-07	1.28E-03	4.43E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	4.75E-06	2.57E-06
2232	495011.06, 3859851.99	1.29E-03	1.35E-06	7.81E-07	1.86E-07	1.82E-08	2.04E-07	1.27E-03	4.39E-07	1.32E-06	1.46E-08	1.72E-07	1.86E-07	4.70E-06	2.54E-06
2233	495061.06, 3859851.99	1.28E-03	1.34E-06	7.75E-07	1.84E-07	1.80E-08	2.02E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	4.66E-06	2.52E-06
2234	495111.06, 3859851.99	1.27E-03	1.32E-06	7.65E-07	1.82E-07	1.78E-08	2.00E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	4.62E-06	2.50E-06
2235	495161.06, 3859851.99	1.25E-03	1.31E-06	7.59E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.81E-07	4.59E-06	2.48E-06
2236	495211.06, 3859851.99	1.24E-03	1.30E-06	7.52E-07	1.79E-07	1.75E-08	1.96E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	4.55E-06	2.46E-06
2237	495261.06, 3859851.99	1.23E-03	1.28E-06	7.44E-07	1.77E-07	1.73E-08	1.94E-07	1.20E-03	4.17E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	4.52E-06	2.44E-06
2238	495311.06, 3859851.99	1.22E-03	1.27E-06	7.38E-07	1.75E-07	1.71E-08	1.92E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.49E-06	2.43E-06
2239	495361.06, 3859851.99	1.21E-03	1.26E-06	7.32E-07	1.74E-07	1.70E-08	1.91E-07	1.18E-03	4.10E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	4.45E-06	2.41E-06
2240	495411.06, 3859851.99	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	1.17E-03	4.06E-07	1.22E-06	1.35E-08	1.59E-07	1.72E-07	4.42E-06	2.39E-06
2241	495461.06, 3859851.99	1.18E-03	1.24E-06	7.16E-07	1.70E-07	1.66E-08	1.87E-07	1.16E-03	4.01E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	4.39E-06	2.37E-06
2242	495511.06, 3859851.99	1.17E-03	1.22E-06	7.08E-07	1.68E-07	1.65E-08	1.85E-07	1.15E-03	3.96E-07	1.20E-06	1.32E-08	1.55E-07	1.68E-07	4.36E-06	2.35E-06
2243	495561.06, 3859851.99	1.16E-03	1.21E-06	7.03E-07	1.67E-07	1.63E-08	1.83E-07	1.14E-03	3.94E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	4.32E-06	2.33E-06
2244	495611.06, 3859851.99	1.15E-03	1.21E-06	6.98E-07	1.66E-07	1.62E-08	1.82E-07	1.13E-03	3.91E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	4.29E-06	2.32E-06
2245	495661.06, 3859851.99	1.14E-03	1.19E-06	6.91E-07	1.64E-07	1.61E-08	1.80E-07	1.12E-03	3.87E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	4.26E-06	2.30E-06
2246	494311.06, 3859901.99	1.52E-03	1.59E-06	9.22E-07	2.19E-07	2.14E-08	2.41E-07	1.49E-03	5.17E-07	1.56E-06	1.73E-08	2.02E-07	2.20E-07	5.22E-06	2.84E-06
2247	494361.06, 3859901.99	1.49E-03	1.56E-06	9.04E-07	2.15E-07	2.10E-08	2.36E-07	1.46E-03	5.06E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	5.22E-06	2.84E-06
2248	494411.06, 3859901.99	1.48E-03	1.55E-06	8.97E-07	2.13E-07	2.08E-08	2.34E-07	1.45E-03	5.03E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	5.28E-06	2.86E-06
2249	494461.06, 3859901.99	1.47E-03	1.53E-06	8.87E-07	2.11E-07	2.06E-08	2.31E-07	1.44E-03	4.98E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	5.33E-06	2.89E-06
2250	494511.06, 3859901.99	1.45E-03	1.52E-06	8.80E-07	2.09E-07	2.05E-08	2.30E-07	1.43E-03	4.94E-07	1.49E-06	1.65E-08	1.93E-07	2.10E-07	5.32E-06	2.88E-06
2251	494561.06, 3859901.99	1.46E-03	1.52E-06	8.81E-07	2.09E-07	2.05E-08	2.30E-07	1.43E-03	4.95E-07	1.49E-06	1.65E-08	1.93E-07	2.10E-07	5.14E-06	2.79E-06
2252	494611.06, 3859901.99	1.42E-03	1.49E-06	8.60E-07	2.04E-07	2.00E-08	2.24E-07	1.40E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	5.05E-06	2.74E-06
2253	494661.06, 3859901.99	1.42E-03	1.48E-06	8.59E-07	2.04E-07	2.00E-08	2.24E-07	1.39E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	4.97E-06	2.70E-06
2254	494711.06, 3859901.99	1.39E-03	1.45E-06	8.40E-07	2.00E-07	1.95E-08	2.19E-07	1.36E-03	4.72E-07	1.42E-06	1.58E-08	1.85E-07	2.00E-07	4.91E-06	2.66E-06
2255	494761.06, 3859901.99	1.38E-03	1.45E-06	8.38E-07	1.99E-07	1.95E-08	2.19E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	4.85E-06	2.64E-06
2256	494811.06, 3859901.99	1.38E-03	1.44E-06	8.34E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.68E-07	1.41E-06	1.56E-08	1.83E-07	1.99E-07	4.80E-06	2.61E-06
2257	494861.06, 3859901.99	1.37E-03	1.43E-06	8.28E-07	1.97E-07	1.92E-08	2.16E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	4.75E-06	2.58E-06
2258	494911.06, 3859901.99	1.35E-03	1.41E-06	8.17E-07	1.94E-07	1.90E-08	2.13E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.79E-07	1.95E-07	4.71E-06	2.56E-06
2259	494961.06, 3859901.99	1.34E-03	1.40E-06	8.11E-07	1.93E-07	1.88E-08	2.12E-07	1.31E-03	4.55E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	4.67E-06	2.54E-06
2260	495011.06, 3859901.99	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	4.63E-06	2.52E-06
2261	495061.06, 3859901.99	1.31E-03	1.37E-06	7.93E-07	1.88E-07	1.84E-08	2.07E-07	1.29E-03	4.45E-07	1.34E-06	1.49E-08	1.74E-07	1.89E-07	4.59E-06	2.49E-06
2262	495111.06, 3859901.99	1.30E-03	1.35E-06	7.84E-07	1.86E-07	1.82E-08	2.05E-07	1.27E-03	4.40E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	4.55E-06	2.47E-06
2263	495161.06, 3859901.99	1.28E-03	1.34E-06	7.74E-07	1.84E-07	1.80E-08	2.02E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	4.52E-06	2.45E-06
2264	495211.06, 3859901.99	1.27E-03	1.33E-06	7.69E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	4.48E-06	2.43E-06
2265	495261.06, 3859901.99	1.26E-03	1.31E-06	7.59E-07	1.80E-07	1.77E-08	1.98E-07	1.23E-03	4.26E-07	1.29E-06	1.42E-08	1.67E-07	1.81E-07	4.45E-06	2.41E-06
2266	495311.06, 3859901.99	1.25E-03	1.30E-06	7.55E-07	1.79E-07	1.75E-08	1.97E-07	1.22E-03	4.23E-07	1.28E-06	1.41E-08	1.65E-07	1.80E-07	4.41E-06	2.40E-06
2267	495361.06, 3859901.99	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	4.38E-06	2.38E-06
2268	495411.06, 3859901.99	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.35E-06	2.36E-06
2269	495461.06, 3859901.99	1.21E-03	1.26E-06	7.32E-07	1.74E-07	1.70E-08	1.91E-07	1.18E-03	4.10E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	4.32E-06	2.34E-06
2270	495511.06, 3859901.99	1.20E-03	1.25E-06	7.26E-07	1.73E-07	1.69E-08	1.89E-07	1.17E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	4.29E-06	2.33E-06
2271	495561.06, 3859901.99	1.19E-03	1.25E-06	7.21E-07	1.71E-07	1.68E-08	1.88E-07	1.17E-03	4.04E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	4.26E-06	2.31E-06
2272	495611.06, 3859901.99	1.18E-03	1.23E-06	7.14E-07	1.70E-07	1.66E-08	1.86E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	4.23E-06	2.29E-06
2273	495661.06, 3859901.99	1.17E-03	1.22E-06	7.06E-07	1.68E-07	1.64E-08	1.84E-07	1.14E-03	3.95E-07	1.19E-06	1.32E-08	1.55E-07	1.68E-07	4.20E-06	2.28E-06
2274	494311.06, 3859951.99	1.56E-03	1.63E-06	9.46E-07	2.25E-07	2.20E-08	2.47E-07	1.53E-03	5.30E-07	1.60E-06	1.77E-08	2.07E-07	2.25E-07	5.14E-06	2.81E-06
2275	494361.06, 3859951.99	1.54E-03	1.61E-06	9.32E-07	2.22E-07	2.17E-08	2.43E-07	1.51E-03	5.22E-07	1.58E-06	1.74E-08	2.04E-07	2.22E-07	5.14E-06	2.81E-06
2276	494411.06, 3859951.99	1.52E-03	1.59E-06	9.19E-07	2.19E-07	2.14E-08	2.40E-07	1.49E-03	5.16E-07	1.56E-06	1.72E-08	2.02E-07	2.19E-07	5.21E-06	2.84E-06
2277	494461.06, 3859951.99	1.50E-03	1.57E-06	9.10E-07	2.16E-07	2.11E-08	2.37E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	5.27E-06	2.86E-06
2278	494511.06, 3859951.99	1.49E-03	1.56E-06	9.03E-07	2.15E-07	2.10E-08	2.36E-07	1.46E-03	5.06E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	5.26E-06	2.86E-06
2279	494561.06, 3859951.99	1.50E-03	1.56E-06	9.06E-07	2.15E-07	2.10E-08	2.36E-07	1.47E-03	5.08E-07	1.53E-06	1.70E-08	1.99E-07	2.16E-07	5.07E-06	2.76E-06
2280	494611.06, 3859951.99	1.47E-03	1.53E-06	8.87E-07	2.11E-07	2.06E-08	2.31E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	4.97E-06	2.71E-06
2281	494661.06, 3859951.99	1.46E-03	1.53E-06	8.85E-07	2.10E-07	2.06E-08	2.31E-07	1.43E-03	4.97E-07	1.50E-06	1.66E-08	1.94E-07	2.11E-07	4.89E-06	2.67E-06
2282	494711.06, 3859951.99	1.43E-03	1.50E-06	8.67E-07	2.06E-07	2.02E-08	2.26E-07	1.41E-03	4.87E-07	1.47E-06	1.63E-08	1.91E-07	2.07E-07	4.83E-06	2.64E-06
2283	494761.06, 3859951.99	1.42E-03	1.49E-06	8.61E-07	2.05E-07	2.00E-08	2.25E-07	1.40E-03	4.84E-07	1.46E-06	1.62E-08	1.89E-07	2.05E-07	4.77E-06	2.61E-06
2284	494811.06, 3859951.99	1.41E-03	1.48E-06	8.54E-07	2.03E-07	1.99E-08	2.23E-07	1.38E-03	4.79E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	4.72E-06	2.58E-06
2285	494861.06, 3859951.99	1.41E-03	1.47E-06	8.50E-07	2.02E-07	1.98E-08	2.22E-07	1.38E-03	4.77E-07	1.44E-06	1.59E-08	1.87E-07	2.03E-07	4.67E-06	2.55E-06
2286	494911.06, 3859951.99	1.39E-03	1.45E-06	8.39E-07	1.99E-07	1.95E-08	2.19E-07	1.36E-03	4.71E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	4.63E-06	2.53E-06
2287	494961.06, 3859951.99	1.37E-03	1.43E-06	8.29E-07	1.97E-07	1.93E-08	2.16E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.98E-07	4.59E-06	2.51E-06
2288	495011.06, 3859951.99	1.35E-03	1.42E-06	8.20E-07	1.95E-07	1.91E-08	2.14E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	4.55E-06	2.49E-06
2289	495061.06, 3859951.99	1.34E-03	1.40E-06	8.13E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.94E-07	4.52E-06	2.46E-06
2290	495111.06, 3859951.99	1.33E-03	1.39E-06	8.02E-07	1.91E-07	1.86E-08	2.09E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	4.48E-06	2.44E-06

2291	495161.06, 3859951.99	1.31E-03	1.37E-06	7.93E-07	1.88E-07	1.84E-08	2.07E-07	1.28E-03	4.45E-07	1.34E-06	1.48E-08	1.74E-07	1.89E-07	4.44E-06	2.42E-06
2292	495211.06, 3859951.99	1.30E-03	1.35E-06	7.84E-07	1.86E-07	1.82E-08	2.05E-07	1.27E-03	4.40E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	4.41E-06	2.40E-06
2293	495261.06, 3859951.99	1.28E-03	1.34E-06	7.76E-07	1.84E-07	1.80E-08	2.03E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	4.38E-06	2.38E-06
2294	495311.06, 3859951.99	1.28E-03	1.33E-06	7.72E-07	1.84E-07	1.80E-08	2.02E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	4.35E-06	2.37E-06
2295	495361.06, 3859951.99	1.27E-03	1.32E-06	7.65E-07	1.82E-07	1.78E-08	2.00E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	4.31E-06	2.35E-06
2296	495411.06, 3859951.99	1.25E-03	1.31E-06	7.58E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	4.28E-06	2.33E-06
2297	495461.06, 3859951.99	1.24E-03	1.29E-06	7.50E-07	1.78E-07	1.74E-08	1.96E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	4.25E-06	2.32E-06
2298	495511.06, 3859951.99	1.23E-03	1.28E-06	7.42E-07	1.76E-07	1.72E-08	1.94E-07	1.20E-03	4.16E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	4.22E-06	2.30E-06
2299	495561.06, 3859951.99	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.19E-06	2.28E-06
2300	495611.06, 3859951.99	1.21E-03	1.26E-06	7.31E-07	1.74E-07	1.70E-08	1.91E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	4.16E-06	2.27E-06
2301	495661.06, 3859951.99	1.19E-03	1.25E-06	7.22E-07	1.72E-07	1.68E-08	1.88E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	4.14E-06	2.25E-06
2302	494311.06, 3860001.99	1.60E-03	1.68E-06	9.71E-07	2.31E-07	2.26E-08	2.53E-07	1.57E-03	5.43E-07	1.64E-06	1.81E-08	2.13E-07	2.31E-07	5.09E-06	2.80E-06
2303	494361.06, 3860001.99	1.58E-03	1.66E-06	9.59E-07	2.28E-07	2.23E-08	2.50E-07	1.55E-03	5.37E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	5.11E-06	2.80E-06
2304	494411.06, 3860001.99	1.56E-03	1.63E-06	9.42E-07	2.24E-07	2.19E-08	2.46E-07	1.52E-03	5.28E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	5.17E-06	2.83E-06
2305	494461.06, 3860001.99	1.54E-03	1.61E-06	9.34E-07	2.22E-07	2.17E-08	2.44E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	5.26E-06	2.87E-06
2306	494511.06, 3860001.99	1.52E-03	1.59E-06	9.21E-07	2.19E-07	2.14E-08	2.40E-07	1.49E-03	5.16E-07	1.56E-06	1.72E-08	2.02E-07	2.19E-07	5.24E-06	2.85E-06
2307	494561.06, 3860001.99	1.54E-03	1.61E-06	9.30E-07	2.21E-07	2.16E-08	2.43E-07	1.51E-03	5.21E-07	1.57E-06	1.74E-08	2.04E-07	2.21E-07	5.02E-06	2.75E-06
2308	494611.06, 3860001.99	1.51E-03	1.58E-06	9.17E-07	2.18E-07	2.13E-08	2.39E-07	1.48E-03	5.14E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	4.91E-06	2.69E-06
2309	494661.06, 3860001.99	1.50E-03	1.57E-06	9.09E-07	2.16E-07	2.11E-08	2.37E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	4.82E-06	2.64E-06
2310	494711.06, 3860001.99	1.46E-03	1.53E-06	8.84E-07	2.10E-07	2.05E-08	2.31E-07	1.43E-03	4.96E-07	1.50E-06	1.66E-08	1.94E-07	2.10E-07	4.76E-06	2.61E-06
2311	494761.06, 3860001.99	1.46E-03	1.53E-06	8.85E-07	2.10E-07	2.06E-08	2.31E-07	1.43E-03	4.96E-07	1.50E-06	1.66E-08	1.94E-07	2.11E-07	4.70E-06	2.58E-06
2312	494811.06, 3860001.99	1.45E-03	1.52E-06	8.79E-07	2.09E-07	2.04E-08	2.29E-07	1.42E-03	4.93E-07	1.49E-06	1.65E-08	1.93E-07	2.09E-07	4.64E-06	2.55E-06
2313	494861.06, 3860001.99	1.44E-03	1.51E-06	8.74E-07	2.08E-07	2.03E-08	2.28E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	4.59E-06	2.52E-06
2314	494911.06, 3860001.99	1.41E-03	1.47E-06	8.53E-07	2.03E-07	1.98E-08	2.23E-07	1.38E-03	4.78E-07	1.44E-06	1.60E-08	1.87E-07	2.03E-07	4.56E-06	2.50E-06
2315	494961.06, 3860001.99	1.40E-03	1.47E-06	8.48E-07	2.02E-07	1.97E-08	2.21E-07	1.37E-03	4.76E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	4.51E-06	2.47E-06
2316	495011.06, 3860001.99	1.38E-03	1.45E-06	8.38E-07	1.99E-07	1.95E-08	2.19E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	4.48E-06	2.45E-06
2317	495061.06, 3860001.99	1.38E-03	1.44E-06	8.34E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	4.44E-06	2.43E-06
2318	495111.06, 3860001.99	1.36E-03	1.42E-06	8.23E-07	1.96E-07	1.91E-08	2.15E-07	1.33E-03	4.61E-07	1.39E-06	1.54E-08	1.81E-07	1.96E-07	4.40E-06	2.41E-06
2319	495161.06, 3860001.99	1.34E-03	1.40E-06	8.13E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.94E-07	4.37E-06	2.39E-06
2320	495211.06, 3860001.99	1.34E-03	1.40E-06	8.08E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	4.34E-06	2.38E-06
2321	495261.06, 3860001.99	1.32E-03	1.38E-06	7.99E-07	1.90E-07	1.86E-08	2.08E-07	1.30E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	4.30E-06	2.36E-06
2322	495311.06, 3860001.99	1.31E-03	1.37E-06	7.92E-07	1.88E-07	1.84E-08	2.07E-07	1.28E-03	4.45E-07	1.34E-06	1.48E-08	1.74E-07	1.89E-07	4.27E-06	2.34E-06
2323	495361.06, 3860001.99	1.29E-03	1.35E-06	7.80E-07	1.85E-07	1.81E-08	2.04E-07	1.26E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	4.24E-06	2.32E-06
2324	495411.06, 3860001.99	1.28E-03	1.34E-06	7.77E-07	1.85E-07	1.81E-08	2.03E-07	1.26E-03	4.36E-07	1.32E-06	1.46E-08	1.71E-07	1.85E-07	4.21E-06	2.30E-06
2325	495461.06, 3860001.99	1.27E-03	1.33E-06	7.69E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	4.18E-06	2.29E-06
2326	495511.06, 3860001.99	1.26E-03	1.32E-06	7.62E-07	1.81E-07	1.77E-08	1.99E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	4.15E-06	2.27E-06
2327	495561.06, 3860001.99	1.25E-03	1.31E-06	7.59E-07	1.80E-07	1.76E-08	1.98E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.81E-07	4.12E-06	2.26E-06
2328	495611.06, 3860001.99	1.24E-03	1.29E-06	7.50E-07	1.78E-07	1.74E-08	1.96E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	4.10E-06	2.24E-06
2329	495661.06, 3860001.99	1.22E-03	1.28E-06	7.41E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.15E-07	1.25E-06	1.39E-08	1.62E-07	1.76E-07	4.07E-06	2.22E-06
2330	494411.06, 3860051.99	1.60E-03	1.68E-06	9.70E-07	2.30E-07	2.25E-08	2.53E-07	1.57E-03	5.43E-07	1.64E-06	1.81E-08	2.12E-07	2.30E-07	5.78E-06	3.13E-06
2331	494461.06, 3860051.99	1.58E-03	1.65E-06	9.58E-07	2.28E-07	2.23E-08	2.50E-07	1.55E-03	5.36E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	5.69E-06	3.08E-06
2332	494511.06, 3860051.99	1.57E-03	1.64E-06	9.47E-07	2.25E-07	2.20E-08	2.47E-07	1.53E-03	5.30E-07	1.60E-06	1.77E-08	2.07E-07	2.25E-07	5.23E-06	2.85E-06
2333	494561.06, 3860051.99	1.57E-03	1.64E-06	9.48E-07	2.25E-07	2.20E-08	2.47E-07	1.53E-03	5.31E-07	1.60E-06	1.77E-08	2.08E-07	2.25E-07	4.95E-06	2.72E-06
2334	494611.06, 3860051.99	1.56E-03	1.63E-06	9.42E-07	2.24E-07	2.19E-08	2.46E-07	1.52E-03	5.28E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	4.81E-06	2.65E-06
2335	494661.06, 3860051.99	1.54E-03	1.61E-06	9.34E-07	2.22E-07	2.17E-08	2.44E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	4.73E-06	2.61E-06
2336	494711.06, 3860051.99	1.51E-03	1.58E-06	9.17E-07	2.18E-07	2.13E-08	2.39E-07	1.48E-03	5.14E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	4.67E-06	2.57E-06
2337	494761.06, 3860051.99	1.50E-03	1.57E-06	9.10E-07	2.16E-07	2.11E-08	2.37E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	4.61E-06	2.54E-06
2338	494811.06, 3860051.99	1.50E-03	1.57E-06	9.07E-07	2.15E-07	2.11E-08	2.37E-07	1.47E-03	5.09E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	4.56E-06	2.51E-06
2339	494861.06, 3860051.99	1.49E-03	1.56E-06	9.04E-07	2.15E-07	2.10E-08	2.36E-07	1.46E-03	5.06E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	4.51E-06	2.49E-06
2340	494911.06, 3860051.99	1.47E-03	1.54E-06	8.90E-07	2.11E-07	2.07E-08	2.32E-07	1.44E-03	4.99E-07	1.51E-06	1.67E-08	1.95E-07	2.12E-07	4.47E-06	2.47E-06
2341	494961.06, 3860051.99	1.45E-03	1.51E-06	8.76E-07	2.08E-07	2.04E-08	2.29E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.09E-07	4.43E-06	2.44E-06
2342	495011.06, 3860051.99	1.43E-03	1.49E-06	8.64E-07	2.05E-07	2.01E-08	2.25E-07	1.40E-03	4.84E-07	1.46E-06	1.62E-08	1.89E-07	2.06E-07	4.39E-06	2.42E-06
2343	495061.06, 3860051.99	1.41E-03	1.48E-06	8.54E-07	2.03E-07	1.99E-08	2.23E-07	1.38E-03	4.79E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	4.36E-06	2.40E-06
2344	495111.06, 3860051.99	1.39E-03	1.46E-06	8.42E-07	2.00E-07	1.96E-08	2.20E-07	1.36E-03	4.72E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	4.33E-06	2.38E-06
2345	495161.06, 3860051.99	1.38E-03	1.44E-06	8.34E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	4.29E-06	2.36E-06
2346	495211.06, 3860051.99	1.36E-03	1.42E-06	8.24E-07	1.96E-07	1.91E-08	2.15E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	4.26E-06	2.34E-06
2347	495261.06, 3860051.99	1.35E-03	1.41E-06	8.18E-07	1.94E-07	1.90E-08	2.13E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.79E-07	1.95E-07	4.23E-06	2.33E-06
2348	495311.06, 3860051.99	1.34E-03	1.40E-06	8.12E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	4.20E-06	2.31E-06
2349	495361.06, 3860051.99	1.33E-03	1.39E-06	8.06E-07	1.92E-07	1.87E-08	2.10E-07	1.30E-03	4.52E-07	1.36E-06	1.51E-08	1.77E-07	1.92E-07	4.17E-06	2.29E-06
2350	495411.06, 3860051.99	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.29E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	4.14E-06	2.28E-06
2351	495461.06, 3860051.99	1.31E-03	1.36E-06	7.90E-07	1.88E-07	1.84E-08	2.06E-07	1.28E-03	4.43E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	4.11E-06	2.26E-06
2352	495511.06, 3860051.99	1.30E-03	1.35E-06	7.84E-07	1.86E-07	1.82E-08	2.05E-07	1.27E-03	4.40E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	4.08E-06	2.24E-06

2353	495561.06, 3860051.99	1.28E-03	1.34E-06	7.77E-07	1.85E-07	1.81E-08	2.03E-07	1.26E-03	4.36E-07	1.32E-06	1.46E-08	1.71E-07	1.85E-07	4.06E-06	2.23E-06
2354	495611.06, 3860051.99	1.27E-03	1.33E-06	7.69E-07	1.83E-07	1.79E-08	2.01E-07	1.25E-03	4.31E-07	1.30E-06	1.44E-08	1.69E-07	1.83E-07	4.03E-06	2.21E-06
2355	495661.06, 3860051.99	1.26E-03	1.31E-06	7.59E-07	1.80E-07	1.77E-08	1.98E-07	1.23E-03	4.26E-07	1.29E-06	1.42E-08	1.67E-07	1.81E-07	4.00E-06	2.20E-06
2356	494411.06, 3860101.99	1.63E-03	1.70E-06	9.87E-07	2.34E-07	2.29E-08	2.57E-07	1.59E-03	5.51E-07	1.67E-06	1.84E-08	2.16E-07	2.34E-07	5.19E-06	2.85E-06
2357	494461.06, 3860101.99	1.63E-03	1.70E-06	9.86E-07	2.34E-07	2.29E-08	2.57E-07	1.59E-03	5.51E-07	1.67E-06	1.84E-08	2.16E-07	2.34E-07	5.00E-06	2.75E-06
2358	494511.06, 3860101.99	1.60E-03	1.67E-06	9.69E-07	2.30E-07	2.25E-08	2.53E-07	1.56E-03	5.42E-07	1.64E-06	1.81E-08	2.12E-07	2.30E-07	4.88E-06	2.69E-06
2359	494561.06, 3860101.99	1.59E-03	1.66E-06	9.63E-07	2.29E-07	2.24E-08	2.51E-07	1.56E-03	5.39E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	4.78E-06	2.64E-06
2360	494611.06, 3860101.99	1.59E-03	1.67E-06	9.64E-07	2.29E-07	2.24E-08	2.51E-07	1.56E-03	5.40E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	4.70E-06	2.60E-06
2361	494661.06, 3860101.99	1.58E-03	1.65E-06	9.58E-07	2.28E-07	2.23E-08	2.50E-07	1.55E-03	5.36E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	4.63E-06	2.56E-06
2362	494711.06, 3860101.99	1.56E-03	1.63E-06	9.41E-07	2.24E-07	2.19E-08	2.46E-07	1.52E-03	5.27E-07	1.59E-06	1.76E-08	2.06E-07	2.24E-07	4.57E-06	2.53E-06
2363	494761.06, 3860101.99	1.54E-03	1.61E-06	9.34E-07	2.22E-07	2.17E-08	2.44E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	4.52E-06	2.51E-06
2364	494811.06, 3860101.99	1.53E-03	1.60E-06	9.28E-07	2.21E-07	2.16E-08	2.42E-07	1.50E-03	5.20E-07	1.57E-06	1.74E-08	2.03E-07	2.21E-07	4.47E-06	2.48E-06
2365	494861.06, 3860101.99	1.54E-03	1.61E-06	9.33E-07	2.22E-07	2.17E-08	2.44E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	4.41E-06	2.45E-06
2366	494911.06, 3860101.99	1.50E-03	1.56E-06	9.06E-07	2.15E-07	2.10E-08	2.36E-07	1.47E-03	5.08E-07	1.53E-06	1.69E-08	1.99E-07	2.16E-07	4.39E-06	2.43E-06
2367	494961.06, 3860101.99	1.48E-03	1.55E-06	8.98E-07	2.13E-07	2.09E-08	2.34E-07	1.45E-03	5.03E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	4.35E-06	2.41E-06
2368	495011.06, 3860101.99	1.46E-03	1.53E-06	8.86E-07	2.11E-07	2.06E-08	2.31E-07	1.43E-03	4.97E-07	1.50E-06	1.66E-08	1.94E-07	2.11E-07	4.32E-06	2.39E-06
2369	495061.06, 3860101.99	1.45E-03	1.51E-06	8.75E-07	2.08E-07	2.03E-08	2.28E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	4.28E-06	2.37E-06
2370	495111.06, 3860101.99	1.42E-03	1.49E-06	8.62E-07	2.05E-07	2.00E-08	2.25E-07	1.40E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	4.25E-06	2.35E-06
2371	495161.06, 3860101.99	1.42E-03	1.48E-06	8.56E-07	2.04E-07	1.99E-08	2.23E-07	1.39E-03	4.80E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	4.22E-06	2.33E-06
2372	495211.06, 3860101.99	1.40E-03	1.46E-06	8.47E-07	2.01E-07	1.97E-08	2.21E-07	1.37E-03	4.75E-07	1.43E-06	1.59E-08	1.86E-07	2.02E-07	4.19E-06	2.32E-06
2373	495261.06, 3860101.99	1.39E-03	1.45E-06	8.39E-07	2.00E-07	1.95E-08	2.19E-07	1.36E-03	4.71E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	4.16E-06	2.30E-06
2374	495311.06, 3860101.99	1.37E-03	1.44E-06	8.32E-07	1.98E-07	1.93E-08	2.17E-07	1.35E-03	4.66E-07	1.41E-06	1.56E-08	1.82E-07	1.98E-07	4.13E-06	2.28E-06
2375	495361.06, 3860101.99	1.37E-03	1.43E-06	8.27E-07	1.96E-07	1.92E-08	2.16E-07	1.34E-03	4.64E-07	1.40E-06	1.55E-08	1.81E-07	1.97E-07	4.09E-06	2.26E-06
2376	495411.06, 3860101.99	1.35E-03	1.41E-06	8.19E-07	1.95E-07	1.90E-08	2.14E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.80E-07	1.95E-07	4.07E-06	2.25E-06
2377	495461.06, 3860101.99	1.33E-03	1.39E-06	8.07E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	4.04E-06	2.23E-06
2378	495511.06, 3860101.99	1.33E-03	1.39E-06	8.03E-07	1.91E-07	1.87E-08	2.09E-07	1.30E-03	4.50E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	4.01E-06	2.22E-06
2379	495561.06, 3860101.99	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.29E-03	4.47E-07	1.35E-06	1.49E-08	1.75E-07	1.90E-07	3.99E-06	2.20E-06
2380	495611.06, 3860101.99	1.30E-03	1.36E-06	7.87E-07	1.87E-07	1.83E-08	2.05E-07	1.28E-03	4.41E-07	1.33E-06	1.47E-08	1.73E-07	1.87E-07	3.96E-06	2.19E-06
2381	495661.06, 3860101.99	1.29E-03	1.35E-06	7.80E-07	1.85E-07	1.81E-08	2.04E-07	1.26E-03	4.38E-07	1.32E-06	1.46E-08	1.71E-07	1.86E-07	3.94E-06	2.17E-06
2382	494861.06, 3860151.99	1.60E-03	1.67E-06	9.66E-07	2.30E-07	2.24E-08	2.52E-07	1.56E-03	5.41E-07	1.63E-06	1.81E-08	2.12E-07	2.30E-07	4.32E-06	2.42E-06
2383	494911.06, 3860151.99	1.54E-03	1.61E-06	9.34E-07	2.22E-07	2.17E-08	2.44E-07	1.51E-03	5.23E-07	1.58E-06	1.75E-08	2.05E-07	2.22E-07	4.31E-06	2.40E-06
2384	494961.06, 3860151.99	1.52E-03	1.59E-06	9.22E-07	2.19E-07	2.14E-08	2.41E-07	1.49E-03	5.17E-07	1.56E-06	1.73E-08	2.02E-07	2.19E-07	4.27E-06	2.38E-06
2385	495011.06, 3860151.99	1.50E-03	1.57E-06	9.11E-07	2.16E-07	2.12E-08	2.38E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	4.23E-06	2.36E-06
2386	495061.06, 3860151.99	1.49E-03	1.55E-06	8.99E-07	2.14E-07	2.09E-08	2.34E-07	1.45E-03	5.03E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	4.20E-06	2.34E-06
2387	495111.06, 3860151.99	1.47E-03	1.54E-06	8.89E-07	2.11E-07	2.07E-08	2.32E-07	1.44E-03	4.98E-07	1.50E-06	1.66E-08	1.95E-07	2.12E-07	4.17E-06	2.32E-06
2388	495161.06, 3860151.99	1.46E-03	1.52E-06	8.81E-07	2.09E-07	2.05E-08	2.30E-07	1.43E-03	4.93E-07	1.49E-06	1.65E-08	1.93E-07	2.10E-07	4.14E-06	2.30E-06
2389	495211.06, 3860151.99	1.44E-03	1.50E-06	8.71E-07	2.07E-07	2.02E-08	2.27E-07	1.41E-03	4.89E-07	1.48E-06	1.63E-08	1.91E-07	2.07E-07	4.11E-06	2.29E-06
2390	495261.06, 3860151.99	1.43E-03	1.49E-06	8.64E-07	2.05E-07	2.01E-08	2.25E-07	1.40E-03	4.84E-07	1.46E-06	1.62E-08	1.89E-07	2.06E-07	4.08E-06	2.27E-06
2391	495311.06, 3860151.99	1.42E-03	1.48E-06	8.56E-07	2.04E-07	1.99E-08	2.23E-07	1.39E-03	4.80E-07	1.45E-06	1.60E-08	1.88E-07	2.04E-07	4.05E-06	2.25E-06
2392	495361.06, 3860151.99	1.40E-03	1.47E-06	8.49E-07	2.02E-07	1.97E-08	2.22E-07	1.38E-03	4.76E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	4.02E-06	2.24E-06
2393	495411.06, 3860151.99	1.39E-03	1.45E-06	8.41E-07	2.00E-07	1.96E-08	2.20E-07	1.36E-03	4.72E-07	1.42E-06	1.58E-08	1.85E-07	2.00E-07	4.00E-06	2.22E-06
2394	495461.06, 3860151.99	1.38E-03	1.44E-06	8.34E-07	1.98E-07	1.94E-08	2.17E-07	1.35E-03	4.67E-07	1.41E-06	1.56E-08	1.83E-07	1.98E-07	3.97E-06	2.21E-06
2395	495511.06, 3860151.99	1.36E-03	1.42E-06	8.25E-07	1.96E-07	1.92E-08	2.15E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	3.95E-06	2.19E-06
2396	495561.06, 3860151.99	1.35E-03	1.41E-06	8.19E-07	1.95E-07	1.90E-08	2.14E-07	1.33E-03	4.59E-07	1.39E-06	1.53E-08	1.79E-07	1.95E-07	3.92E-06	2.18E-06
2397	495611.06, 3860151.99	1.34E-03	1.40E-06	8.10E-07	1.92E-07	1.88E-08	2.11E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	3.90E-06	2.16E-06
2398	495661.06, 3860151.99	1.32E-03	1.38E-06	8.00E-07	1.90E-07	1.86E-08	2.09E-07	1.30E-03	4.48E-07	1.35E-06	1.50E-08	1.75E-07	1.90E-07	3.87E-06	2.15E-06
2399	495718.25, 3859442.96	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.09E-04	3.15E-07	9.50E-07	1.05E-08	1.23E-07	1.34E-07	4.61E-06	2.43E-06
2400	495818.25, 3859442.96	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	4.53E-06	2.38E-06
2401	495918.25, 3859442.96	9.09E-04	9.50E-07	5.50E-07	1.31E-07	1.28E-08	1.44E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	4.46E-06	2.35E-06
2402	496018.25, 3859442.96	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.68E-04	3.00E-07	9.07E-07	1.00E-08	1.18E-07	1.28E-07	4.39E-06	2.31E-06
2403	496118.25, 3859442.96	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.68E-04	3.00E-07	9.07E-07	1.00E-08	1.18E-07	1.28E-07	4.34E-06	2.29E-06
2404	496218.25, 3859442.96	8.96E-04	9.37E-07	5.42E-07	1.29E-07	1.26E-08	1.41E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	4.29E-06	2.27E-06
2405	496318.25, 3859442.96	8.86E-04	9.26E-07	5.36E-07	1.27E-07	1.25E-08	1.40E-07	8.57E-04	2.97E-07	8.96E-07	9.91E-09	1.16E-07	1.26E-07	4.23E-06	2.23E-06
2406	496418.25, 3859442.96	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	8.46E-04	2.93E-07	8.84E-07	9.78E-09	1.15E-07	1.24E-07	4.17E-06	2.20E-06
2407	495718.25, 3859542.96	9.81E-04	1.03E-06	5.94E-07	1.41E-07	1.38E-08	1.55E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	4.54E-06	2.40E-06
2408	495818.25, 3859542.96	9.66E-04	1.01E-06	5.85E-07	1.39E-07	1.36E-08	1.53E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	4.47E-06	2.36E-06
2409	495918.25, 3859542.96	9.50E-04	9.93E-07	5.75E-07	1.37E-07	1.34E-08	1.50E-07	9.20E-04	3.18E-07	9.61E-07	1.06E-08	1.25E-07	1.35E-07	4.39E-06	2.33E-06
2410	496018.25, 3859542.96	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	4.33E-06	2.29E-06
2411	496118.25, 3859542.96	9.35E-04	9.78E-07	5.66E-07	1.34E-07	1.32E-08	1.48E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	4.28E-06	2.27E-06
2412	496218.25, 3859542.96	9.30E-04	9.72E-07	5.63E-07	1.34E-07	1.31E-08	1.47E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	4.22E-06	2.24E-06
2413	496318.25, 3859542.96	9.24E-04	9.66E-07	5.59E-07	1.33E-07	1.30E-08	1.46E-07	8.94E-04	3.10E-07	9.35E-07	1.03E-08	1.21E-07	1.31E-07	4.17E-06	2.21E-06
2414	496418.25, 3859542.96	9.11E-04	9.52E-07	5.51E-07	1.31E-07	1.28E-08	1.44E-07	8.82E-04	3.05E-07	9.22E-07	1.02E-08	1.19E-07	1.30E-07	4.11E-06	2.18E-06

2415	495718.25, 3859642.96	1.02E-03	1.07E-06	6.18E-07	1.47E-07	1.44E-08	1.61E-07	9.95E-04	3.44E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	4.46E-06	2.37E-06
2416	495818.25, 3859642.96	1.01E-03	1.05E-06	6.08E-07	1.45E-07	1.41E-08	1.59E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	4.39E-06	2.33E-06
2417	495918.25, 3859642.96	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.63E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.42E-07	4.32E-06	2.30E-06
2418	496018.25, 3859642.96	9.78E-04	1.02E-06	5.92E-07	1.41E-07	1.37E-08	1.54E-07	9.48E-04	3.28E-07	9.91E-07	1.10E-08	1.28E-07	1.39E-07	4.25E-06	2.26E-06
2419	496118.25, 3859642.96	9.78E-04	1.02E-06	5.92E-07	1.41E-07	1.37E-08	1.54E-07	9.49E-04	3.29E-07	9.92E-07	1.10E-08	1.29E-07	1.40E-07	4.21E-06	2.24E-06
2420	496218.25, 3859642.96	9.74E-04	1.02E-06	5.90E-07	1.40E-07	1.37E-08	1.54E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	4.16E-06	2.22E-06
2421	496318.25, 3859642.96	9.61E-04	1.00E-06	5.82E-07	1.38E-07	1.35E-08	1.52E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	4.10E-06	2.19E-06
2422	496418.25, 3859642.96	9.29E-04	9.71E-07	5.62E-07	1.34E-07	1.31E-08	1.47E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	4.01E-06	2.14E-06
2423	495718.25, 3859742.96	1.08E-03	1.12E-06	6.51E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	4.37E-06	2.34E-06
2424	495818.25, 3859742.96	1.05E-03	1.10E-06	6.38E-07	1.52E-07	1.48E-08	1.66E-07	1.03E-03	3.56E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	4.30E-06	2.30E-06
2425	495918.25, 3859742.96	1.04E-03	1.09E-06	6.28E-07	1.49E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	4.24E-06	2.27E-06
2426	496018.25, 3859742.96	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.93E-04	3.44E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	4.18E-06	2.23E-06
2427	496118.25, 3859742.96	1.02E-03	1.06E-06	6.16E-07	1.46E-07	1.43E-08	1.61E-07	9.92E-04	3.43E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	4.13E-06	2.21E-06
2428	496218.25, 3859742.96	1.02E-03	1.07E-06	6.18E-07	1.47E-07	1.44E-08	1.61E-07	9.95E-04	3.44E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	4.08E-06	2.19E-06
2429	496318.25, 3859742.96	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	4.01E-06	2.15E-06
2430	496418.25, 3859742.96	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.27E-04	3.21E-07	9.69E-07	1.07E-08	1.26E-07	1.36E-07	3.94E-06	2.11E-06
2431	495718.25, 3859842.96	1.13E-03	1.18E-06	6.81E-07	1.62E-07	1.58E-08	1.78E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	4.24E-06	2.29E-06
2432	495818.25, 3859842.96	1.11E-03	1.16E-06	6.71E-07	1.59E-07	1.56E-08	1.75E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	4.18E-06	2.25E-06
2433	495918.25, 3859842.96	1.09E-03	1.14E-06	6.59E-07	1.57E-07	1.53E-08	1.72E-07	1.06E-03	3.68E-07	1.11E-06	1.23E-08	1.44E-07	1.56E-07	4.13E-06	2.22E-06
2434	496018.25, 3859842.96	1.08E-03	1.13E-06	6.52E-07	1.55E-07	1.51E-08	1.70E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.42E-07	1.54E-07	4.07E-06	2.20E-06
2435	496118.25, 3859842.96	1.08E-03	1.13E-06	6.53E-07	1.55E-07	1.52E-08	1.70E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	4.02E-06	2.17E-06
2436	496218.25, 3859842.96	1.05E-03	1.10E-06	6.34E-07	1.51E-07	1.47E-08	1.65E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	3.97E-06	2.14E-06
2437	496318.25, 3859842.96	9.91E-04	1.04E-06	6.00E-07	1.42E-07	1.39E-08	1.56E-07	9.62E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.41E-07	3.90E-06	2.09E-06
2438	496418.25, 3859842.96	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	9.27E-04	3.21E-07	9.69E-07	1.07E-08	1.26E-07	1.36E-07	3.81E-06	2.04E-06
2439	495718.25, 3859942.96	1.18E-03	1.23E-06	7.14E-07	1.70E-07	1.66E-08	1.86E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	4.12E-06	2.24E-06
2440	495818.25, 3859942.96	1.16E-03	1.21E-06	7.01E-07	1.67E-07	1.63E-08	1.83E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	4.06E-06	2.21E-06
2441	495918.25, 3859942.96	1.14E-03	1.19E-06	6.91E-07	1.64E-07	1.61E-08	1.80E-07	1.12E-03	3.87E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	4.01E-06	2.18E-06
2442	496018.25, 3859942.96	1.14E-03	1.19E-06	6.90E-07	1.64E-07	1.60E-08	1.80E-07	1.12E-03	3.86E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	3.95E-06	2.15E-06
2443	496118.25, 3859942.96	1.11E-03	1.16E-06	6.73E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.13E-06	1.25E-08	1.47E-07	1.60E-07	3.91E-06	2.12E-06
2444	496218.25, 3859942.96	1.07E-03	1.12E-06	6.46E-07	1.54E-07	1.50E-08	1.69E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	3.86E-06	2.09E-06
2445	496318.25, 3859942.96	1.03E-03	1.07E-06	6.20E-07	1.47E-07	1.44E-08	1.62E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	3.80E-06	2.05E-06
2446	496418.25, 3859942.96	9.78E-04	1.02E-06	5.92E-07	1.41E-07	1.37E-08	1.54E-07	9.48E-04	3.28E-07	9.91E-07	1.10E-08	1.28E-07	1.39E-07	3.71E-06	2.00E-06
2447	496856.82, 3858864.83	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	3.95E-06	2.06E-06
2448	496956.82, 3858864.83	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	3.89E-06	2.03E-06
2449	497056.82, 3858864.83	6.82E-04	7.13E-07	4.13E-07	9.81E-08	9.59E-09	1.08E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	3.83E-06	2.00E-06
2450	497156.82, 3858864.83	6.76E-04	7.06E-07	4.09E-07	9.72E-08	9.50E-09	1.07E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	3.77E-06	1.97E-06
2451	497256.82, 3858864.83	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.45E-04	2.23E-07	6.75E-07	7.46E-09	8.74E-08	9.49E-08	3.73E-06	1.95E-06
2452	496856.82, 3858964.83	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	3.99E-06	2.08E-06
2453	496956.82, 3858964.83	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	3.92E-06	2.04E-06
2454	497056.82, 3858964.83	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.72E-04	2.33E-07	7.02E-07	7.77E-09	9.10E-08	9.88E-08	3.85E-06	2.01E-06
2455	497156.82, 3858964.83	6.94E-04	7.25E-07	4.20E-07	9.98E-08	9.76E-09	1.10E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	3.79E-06	1.98E-06
2456	497256.82, 3858964.83	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	3.78E-06	1.98E-06
2457	496856.82, 3859064.83	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.03E-04	2.43E-07	7.35E-07	8.13E-09	9.53E-08	1.03E-07	3.98E-06	2.08E-06
2458	496956.82, 3859064.83	7.26E-04	7.59E-07	4.40E-07	1.04E-07	1.02E-08	1.15E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	3.92E-06	2.05E-06
2459	497056.82, 3859064.83	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	3.86E-06	2.02E-06
2460	497156.82, 3859064.83	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.85E-04	2.37E-07	7.16E-07	7.91E-09	9.27E-08	1.01E-07	3.81E-06	1.99E-06
2461	497256.82, 3859064.83	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	3.81E-06	1.99E-06
2462	496856.82, 3859164.83	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	3.95E-06	2.07E-06
2463	496956.82, 3859164.83	7.39E-04	7.73E-07	4.47E-07	1.06E-07	1.04E-08	1.17E-07	7.10E-04	2.46E-07	7.42E-07	8.20E-09	9.61E-08	1.04E-07	3.88E-06	2.03E-06
2464	497056.82, 3859164.83	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	3.84E-06	2.01E-06
2465	497156.82, 3859164.83	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	3.82E-06	2.00E-06
2466	497256.82, 3859164.83	7.43E-04	7.76E-07	4.49E-07	1.07E-07	1.04E-08	1.17E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	3.82E-06	2.01E-06
2467	496856.82, 3859264.83	7.61E-04	7.95E-07	4.60E-07	1.09E-07	1.07E-08	1.20E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	3.90E-06	2.05E-06
2468	496956.82, 3859264.83	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	3.86E-06	2.03E-06
2469	497056.82, 3859264.83	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	3.83E-06	2.02E-06
2470	497156.82, 3859264.83	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	3.81E-06	2.00E-06
2471	497256.82, 3859264.83	7.64E-04	7.98E-07	4.62E-07	1.10E-07	1.07E-08	1.21E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	3.80E-06	2.00E-06
2472	497088.92, 3858620.93	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	3.67E-06	1.91E-06
2473	497138.92, 3858620.93	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	6.06E-04	2.10E-07	6.34E-07	7.01E-09	8.21E-08	8.91E-08	3.66E-06	1.90E-06
2474	497188.92, 3858620.93	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	6.05E-04	2.09E-07	6.32E-07	6.99E-09	8.19E-08	8.89E-08	3.63E-06	1.89E-06
2475	497238.92, 3858620.93	6.28E-04	6.57E-07	3.80E-07	9.04E-08	8.84E-09	9.92E-08	6.03E-04	2.09E-07	6.30E-07	6.97E-09	8.17E-08	8.86E-08	3.60E-06	1.88E-06
2476	497088.92, 3858670.93	6.40E-04	6.69E-07	3.87E-07	9.20E-08	9.00E-09	1.01E-07	6.14E-04	2.13E-07	6.42E-07	7.10E-09	8.32E-08	9.03E-08	3.67E-06	1.91E-06

2477	497138.92, 3858670.93	6.40E-04	6.69E-07	3.87E-07	9.20E-08	9.00E-09	1.01E-07	6.14E-04	2.13E-07	6.42E-07	7.10E-09	8.32E-08	9.03E-08	3.67E-06	1.91E-06
2478	497188.92, 3858670.93	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	6.11E-04	2.11E-07	6.39E-07	7.06E-09	8.27E-08	8.98E-08	3.64E-06	1.89E-06
2479	497238.92, 3858670.93	6.37E-04	6.65E-07	3.85E-07	9.15E-08	8.95E-09	1.00E-07	6.11E-04	2.11E-07	6.39E-07	7.06E-09	8.27E-08	8.98E-08	3.63E-06	1.89E-06
2480	497088.92, 3858720.93	6.51E-04	6.81E-07	3.94E-07	9.37E-08	9.16E-09	1.03E-07	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	3.74E-06	1.95E-06
2481	497138.92, 3858720.93	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	6.17E-04	2.14E-07	6.45E-07	7.13E-09	8.36E-08	9.07E-08	3.66E-06	1.91E-06
2482	497188.92, 3858720.93	6.41E-04	6.70E-07	3.88E-07	9.22E-08	9.02E-09	1.01E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	3.63E-06	1.89E-06
2483	497238.92, 3858720.93	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.19E-04	2.14E-07	6.47E-07	7.15E-09	8.38E-08	9.09E-08	3.67E-06	1.91E-06
2484	497088.92, 3858770.93	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	3.75E-06	1.95E-06
2485	497138.92, 3858770.93	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.28E-04	2.17E-07	6.57E-07	7.26E-09	8.51E-08	9.23E-08	3.71E-06	1.94E-06
2486	497188.92, 3858770.93	6.51E-04	6.81E-07	3.94E-07	9.37E-08	9.16E-09	1.03E-07	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	3.69E-06	1.93E-06
2487	497238.92, 3858770.93	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.27E-04	2.17E-07	6.55E-07	7.24E-09	8.49E-08	9.21E-08	3.71E-06	1.93E-06
2488	497396.65, 3858622.63	6.40E-04	6.69E-07	3.87E-07	9.20E-08	9.00E-09	1.01E-07	6.13E-04	2.12E-07	6.40E-07	7.08E-09	8.29E-08	9.00E-08	3.68E-06	1.92E-06
2489	497496.65, 3858622.63	6.46E-04	6.76E-07	3.91E-07	9.29E-08	9.09E-09	1.02E-07	6.17E-04	2.14E-07	6.45E-07	7.13E-09	8.36E-08	9.07E-08	3.70E-06	1.93E-06
2490	497596.65, 3858622.63	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.30E-04	2.18E-07	6.58E-07	7.28E-09	8.53E-08	9.26E-08	3.77E-06	1.96E-06
2491	497696.65, 3858622.63	6.63E-04	6.93E-07	4.01E-07	9.53E-08	9.32E-09	1.05E-07	6.33E-04	2.19E-07	6.61E-07	7.32E-09	8.57E-08	9.30E-08	3.76E-06	1.96E-06
2492	497796.65, 3858622.63	6.71E-04	7.01E-07	4.06E-07	9.65E-08	9.43E-09	1.06E-07	6.39E-04	2.21E-07	6.68E-07	7.39E-09	8.66E-08	9.39E-08	3.78E-06	1.97E-06
2493	497896.65, 3858622.63	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	3.79E-06	1.98E-06
2494	497396.65, 3858722.63	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	3.73E-06	1.94E-06
2495	497496.65, 3858722.63	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.36E-04	2.20E-07	6.65E-07	7.35E-09	8.61E-08	9.35E-08	3.75E-06	1.96E-06
2496	497596.65, 3858722.63	6.76E-04	7.06E-07	4.09E-07	9.72E-08	9.50E-09	1.07E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	3.79E-06	1.98E-06
2497	497696.65, 3858722.63	6.82E-04	7.13E-07	4.13E-07	9.81E-08	9.59E-09	1.08E-07	6.52E-04	2.26E-07	6.81E-07	7.53E-09	8.82E-08	9.58E-08	3.80E-06	1.98E-06
2498	497796.65, 3858722.63	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	3.79E-06	1.98E-06
2499	497896.65, 3858722.63	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	3.78E-06	1.98E-06
2500	497396.65, 3858822.63	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	3.75E-06	1.96E-06
2501	497496.65, 3858822.63	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	6.50E-04	2.25E-07	6.79E-07	7.51E-09	8.80E-08	9.56E-08	3.76E-06	1.96E-06
2502	497596.65, 3858822.63	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	3.81E-06	1.99E-06
2503	497696.65, 3858822.63	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	3.80E-06	1.99E-06
2504	497796.65, 3858822.63	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	3.79E-06	1.98E-06
2505	497896.65, 3858822.63	7.10E-04	7.42E-07	4.30E-07	1.02E-07	9.99E-09	1.12E-07	6.80E-04	2.35E-07	7.11E-07	7.86E-09	9.21E-08	9.99E-08	3.79E-06	1.98E-06
2506	497396.65, 3858922.63	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	3.77E-06	1.97E-06
2507	497496.65, 3858922.63	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	3.80E-06	1.99E-06
2508	497596.65, 3858922.63	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	6.72E-04	2.33E-07	7.02E-07	7.77E-09	9.10E-08	9.88E-08	3.77E-06	1.97E-06
2509	497696.65, 3858922.63	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	3.80E-06	1.99E-06
2510	497796.65, 3858922.63	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	3.79E-06	1.99E-06
2511	497896.65, 3858922.63	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	7.03E-04	2.43E-07	7.35E-07	8.13E-09	9.53E-08	1.03E-07	3.80E-06	1.99E-06
2512	497364.44, 3858201.52	5.89E-04	6.16E-07	3.57E-07	8.47E-08	8.29E-09	9.30E-08	5.66E-04	1.96E-07	5.91E-07	6.54E-09	7.66E-08	8.31E-08	3.54E-06	1.84E-06
2513	497414.44, 3858201.52	5.91E-04	6.18E-07	3.58E-07	8.50E-08	8.31E-09	9.33E-08	5.67E-04	1.96E-07	5.93E-07	6.56E-09	7.68E-08	8.33E-08	3.56E-06	1.85E-06
2514	497464.44, 3858201.52	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	3.57E-06	1.85E-06
2515	497514.44, 3858201.52	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	3.57E-06	1.85E-06
2516	497564.44, 3858201.52	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	3.55E-06	1.84E-06
2517	497614.44, 3858201.52	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	3.55E-06	1.84E-06
2518	497364.44, 3858251.52	5.97E-04	6.24E-07	3.61E-07	8.59E-08	8.40E-09	9.43E-08	5.73E-04	1.98E-07	5.99E-07	6.63E-09	7.76E-08	8.43E-08	3.58E-06	1.86E-06
2519	497414.44, 3858251.52	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	5.76E-04	2.00E-07	6.03E-07	6.66E-09	7.81E-08	8.47E-08	3.60E-06	1.87E-06
2520	497464.44, 3858251.52	5.99E-04	6.26E-07	3.62E-07	8.61E-08	8.42E-09	9.46E-08	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	3.58E-06	1.86E-06
2521	497514.44, 3858251.52	5.97E-04	6.24E-07	3.61E-07	8.59E-08	8.40E-09	9.43E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	3.54E-06	1.84E-06
2522	497564.44, 3858251.52	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	3.53E-06	1.83E-06
2523	497614.44, 3858251.52	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	3.51E-06	1.83E-06
2524	497364.44, 3858301.52	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	5.78E-04	2.00E-07	6.04E-07	6.68E-09	7.83E-08	8.50E-08	3.59E-06	1.87E-06
2525	497414.44, 3858301.52	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	3.60E-06	1.87E-06
2526	497464.44, 3858301.52	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	5.76E-04	2.00E-07	6.03E-07	6.66E-09	7.81E-08	8.47E-08	3.57E-06	1.85E-06
2527	497514.44, 3858301.52	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	3.54E-06	1.84E-06
2528	497564.44, 3858301.52	5.97E-04	6.24E-07	3.61E-07	8.59E-08	8.40E-09	9.43E-08	5.73E-04	1.98E-07	5.99E-07	6.63E-09	7.76E-08	8.43E-08	3.51E-06	1.83E-06
2529	497614.44, 3858301.52	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	3.49E-06	1.82E-06
2530	497364.44, 3858351.52	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.83E-04	2.02E-07	6.09E-07	6.74E-09	7.89E-08	8.57E-08	3.60E-06	1.87E-06
2531	497414.44, 3858351.52	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	3.58E-06	1.86E-06
2532	497464.44, 3858351.52	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	3.56E-06	1.85E-06
2533	497514.44, 3858351.52	6.04E-04	6.31E-07	3.65E-07	8.68E-08	8.49E-09	9.53E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	3.55E-06	1.84E-06
2534	497564.44, 3858351.52	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	5.76E-04	2.00E-07	6.03E-07	6.66E-09	7.81E-08	8.47E-08	3.50E-06	1.82E-06
2535	497614.44, 3858351.52	5.99E-04	6.26E-07	3.62E-07	8.61E-08	8.42E-09	9.46E-08	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	3.49E-06	1.82E-06
2536	497364.44, 3858401.52	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.59E-06	1.87E-06
2537	497414.44, 3858401.52	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.57E-06	1.86E-06
2538	497464.44, 3858401.52	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	5.83E-04	2.02E-07	6.09E-07	6.74E-09	7.89E-08	8.57E-08	3.55E-06	1.84E-06

2539	497514.44, 3858401.52	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	3.53E-06	1.84E-06
2540	497564.44, 3858401.52	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.54E-06	1.84E-06
2541	497614.44, 3858401.52	6.12E-04	6.40E-07	3.70E-07	8.80E-08	8.61E-09	9.66E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.56E-06	1.85E-06
2542	493478.11, 3860497.94	2.96E-03	3.10E-06	1.79E-06	4.26E-07	4.17E-08	4.68E-07	2.85E-03	9.88E-07	2.98E-06	3.30E-08	3.87E-07	4.20E-07	4.83E-06	2.93E-06
2543	493528.11, 3860497.94	2.91E-03	3.04E-06	1.76E-06	4.18E-07	4.09E-08	4.59E-07	2.80E-03	9.70E-07	2.93E-06	3.24E-08	3.79E-07	4.12E-07	4.77E-06	2.89E-06
2544	493478.11, 3860547.94	3.09E-03	3.23E-06	1.87E-06	4.44E-07	4.34E-08	4.88E-07	2.97E-03	1.03E-06	3.11E-06	3.44E-08	4.02E-07	4.37E-07	4.73E-06	2.91E-06
2545	493528.11, 3860547.94	3.03E-03	3.17E-06	1.84E-06	4.36E-07	4.26E-08	4.79E-07	2.92E-03	1.01E-06	3.05E-06	3.38E-08	3.95E-07	4.29E-07	4.68E-06	2.87E-06
2546	493478.11, 3860597.94	3.22E-03	3.37E-06	1.95E-06	4.63E-07	4.53E-08	5.08E-07	3.10E-03	1.07E-06	3.24E-06	3.58E-08	4.19E-07	4.55E-07	4.64E-06	2.89E-06
2547	493528.11, 3860597.94	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.04E-03	1.05E-06	3.18E-06	3.51E-08	4.12E-07	4.47E-07	4.59E-06	2.85E-06
2548	493561.88, 3860524.64	2.93E-03	3.07E-06	1.77E-06	4.22E-07	4.12E-08	4.63E-07	2.82E-03	9.78E-07	2.95E-06	3.26E-08	3.82E-07	4.15E-07	4.68E-06	2.85E-06
2549	493591.88, 3860524.64	2.89E-03	3.02E-06	1.75E-06	4.16E-07	4.07E-08	4.56E-07	2.79E-03	9.64E-07	2.91E-06	3.22E-08	3.77E-07	4.09E-07	4.65E-06	2.83E-06
2550	493561.88, 3860554.64	3.01E-03	3.14E-06	1.82E-06	4.33E-07	4.23E-08	4.75E-07	2.90E-03	1.00E-06	3.03E-06	3.35E-08	3.92E-07	4.26E-07	4.63E-06	2.84E-06
2551	493591.88, 3860554.64	2.96E-03	3.09E-06	1.79E-06	4.26E-07	4.16E-08	4.67E-07	2.85E-03	9.86E-07	2.98E-06	3.29E-08	3.86E-07	4.19E-07	4.60E-06	2.82E-06
2552	492880.5, 3860293.11	3.50E-03	3.66E-06	2.12E-06	5.03E-07	4.92E-08	5.52E-07	3.36E-03	1.16E-06	3.51E-06	3.88E-08	4.54E-07	4.93E-07	7.04E-06	4.11E-06
2553	492930.5, 3860293.11	3.38E-03	3.53E-06	2.04E-06	4.85E-07	4.75E-08	5.33E-07	3.24E-03	1.12E-06	3.39E-06	3.75E-08	4.39E-07	4.76E-07	6.85E-06	4.00E-06
2554	492980.5, 3860293.11	3.25E-03	3.40E-06	1.97E-06	4.68E-07	4.58E-08	5.14E-07	3.13E-03	1.08E-06	3.27E-06	3.62E-08	4.24E-07	4.60E-07	6.70E-06	3.90E-06
2555	493030.5, 3860293.11	3.06E-03	3.20E-06	1.85E-06	4.40E-07	4.30E-08	4.83E-07	2.94E-03	1.02E-06	3.07E-06	3.40E-08	3.98E-07	4.32E-07	6.55E-06	3.79E-06
2556	493080.5, 3860293.11	2.87E-03	3.00E-06	1.74E-06	4.13E-07	4.04E-08	4.53E-07	2.76E-03	9.55E-07	2.88E-06	3.19E-08	3.74E-07	4.06E-07	6.43E-06	3.69E-06
2557	493130.5, 3860293.11	2.88E-03	3.01E-06	1.75E-06	4.15E-07	4.06E-08	4.55E-07	2.78E-03	9.61E-07	2.90E-06	3.21E-08	3.76E-07	4.08E-07	6.34E-06	3.65E-06
2558	493180.5, 3860293.11	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.54E-07	2.77E-03	9.59E-07	2.90E-06	3.20E-08	3.75E-07	4.07E-07	6.23E-06	3.60E-06
2559	493230.5, 3860293.11	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	2.72E-03	9.42E-07	2.84E-06	3.15E-08	3.68E-07	4.00E-07	6.13E-06	3.54E-06
2560	493280.5, 3860293.11	2.72E-03	2.84E-06	1.64E-06	3.91E-07	3.82E-08	4.29E-07	2.62E-03	9.07E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	6.07E-06	3.49E-06
2561	493330.5, 3860293.11	2.64E-03	2.76E-06	1.60E-06	3.80E-07	3.72E-08	4.17E-07	2.55E-03	8.82E-07	2.66E-06	2.95E-08	3.45E-07	3.75E-07	5.98E-06	3.43E-06
2562	493380.5, 3860293.11	2.58E-03	2.70E-06	1.56E-06	3.71E-07	3.63E-08	4.07E-07	2.49E-03	8.62E-07	2.60E-06	2.88E-08	3.37E-07	3.66E-07	5.90E-06	3.38E-06
2563	492880.5, 3860343.11	3.66E-03	3.83E-06	2.22E-06	5.27E-07	5.15E-08	5.78E-07	3.51E-03	1.22E-06	3.67E-06	4.06E-08	4.76E-07	5.16E-07	6.67E-06	3.96E-06
2564	492930.5, 3860343.11	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	3.40E-03	1.18E-06	3.55E-06	3.93E-08	4.60E-07	4.99E-07	6.39E-06	3.80E-06
2565	492980.5, 3860343.11	3.33E-03	3.48E-06	2.01E-06	4.78E-07	4.68E-08	5.25E-07	3.19E-03	1.11E-06	3.34E-06	3.69E-08	4.33E-07	4.69E-07	6.19E-06	3.66E-06
2566	493030.5, 3860343.11	3.22E-03	3.37E-06	1.95E-06	4.63E-07	4.53E-08	5.08E-07	3.09E-03	1.07E-06	3.23E-06	3.58E-08	4.19E-07	4.55E-07	6.05E-06	3.58E-06
2567	493080.5, 3860343.11	3.04E-03	3.18E-06	1.84E-06	4.37E-07	4.27E-08	4.80E-07	2.92E-03	1.01E-06	3.05E-06	3.38E-08	3.95E-07	4.29E-07	5.93E-06	3.48E-06
2568	493130.5, 3860343.11	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	2.88E-03	9.96E-07	3.01E-06	3.33E-08	3.90E-07	4.23E-07	5.83E-06	3.43E-06
2569	493180.5, 3860343.11	2.99E-03	3.12E-06	1.81E-06	4.30E-07	4.20E-08	4.72E-07	2.87E-03	9.95E-07	3.00E-06	3.32E-08	3.89E-07	4.23E-07	5.73E-06	3.38E-06
2570	493230.5, 3860343.11	2.93E-03	3.06E-06	1.77E-06	4.22E-07	4.12E-08	4.63E-07	2.82E-03	9.77E-07	2.95E-06	3.26E-08	3.82E-07	4.15E-07	5.65E-06	3.32E-06
2571	493280.5, 3860343.11	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.46E-07	2.72E-03	9.41E-07	2.84E-06	3.14E-08	3.68E-07	3.99E-07	5.57E-06	3.27E-06
2572	493330.5, 3860343.11	2.73E-03	2.86E-06	1.65E-06	3.93E-07	3.84E-08	4.32E-07	2.63E-03	9.12E-07	2.75E-06	3.05E-08	3.57E-07	3.87E-07	5.50E-06	3.21E-06
2573	493380.5, 3860343.11	2.67E-03	2.79E-06	1.62E-06	3.84E-07	3.76E-08	4.22E-07	2.58E-03	8.92E-07	2.69E-06	2.98E-08	3.49E-07	3.79E-07	5.43E-06	3.17E-06
2574	492880.5, 3860393.11	3.84E-03	4.02E-06	2.32E-06	5.53E-07	5.40E-08	6.07E-07	3.68E-03	1.27E-06	3.85E-06	4.26E-08	4.99E-07	5.41E-07	6.43E-06	3.88E-06
2575	492930.5, 3860393.11	3.70E-03	3.86E-06	2.24E-06	5.31E-07	5.20E-08	5.83E-07	3.54E-03	1.23E-06	3.70E-06	4.10E-08	4.80E-07	5.21E-07	6.16E-06	3.72E-06
2576	492980.5, 3860393.11	3.52E-03	3.68E-06	2.13E-06	5.07E-07	4.95E-08	5.56E-07	3.38E-03	1.17E-06	3.53E-06	3.91E-08	4.58E-07	4.97E-07	5.97E-06	3.60E-06
2577	493030.5, 3860393.11	3.38E-03	3.53E-06	2.05E-06	4.86E-07	4.76E-08	5.34E-07	3.25E-03	1.12E-06	3.39E-06	3.75E-08	4.40E-07	4.77E-07	5.83E-06	3.50E-06
2578	493080.5, 3860393.11	3.19E-03	3.33E-06	1.93E-06	4.58E-07	4.48E-08	5.03E-07	3.06E-03	1.06E-06	3.20E-06	3.54E-08	4.15E-07	4.50E-07	5.72E-06	3.41E-06
2579	493130.5, 3860393.11	3.15E-03	3.29E-06	1.91E-06	4.53E-07	4.43E-08	4.97E-07	3.03E-03	1.05E-06	3.16E-06	3.50E-08	4.10E-07	4.45E-07	5.62E-06	3.35E-06
2580	493180.5, 3860393.11	3.14E-03	3.28E-06	1.90E-06	4.51E-07	4.41E-08	4.95E-07	3.02E-03	1.04E-06	3.15E-06	3.49E-08	4.08E-07	4.43E-07	5.53E-06	3.31E-06
2581	493230.5, 3860393.11	3.05E-03	3.19E-06	1.85E-06	4.39E-07	4.29E-08	4.82E-07	2.94E-03	1.02E-06	3.07E-06	3.40E-08	3.98E-07	4.32E-07	5.45E-06	3.25E-06
2582	493280.5, 3860393.11	2.93E-03	3.07E-06	1.77E-06	4.22E-07	4.12E-08	4.63E-07	2.82E-03	9.77E-07	2.95E-06	3.26E-08	3.82E-07	4.15E-07	5.37E-06	3.19E-06
2583	493330.5, 3860393.11	2.84E-03	2.97E-06	1.72E-06	4.08E-07	3.99E-08	4.48E-07	2.73E-03	9.46E-07	2.86E-06	3.16E-08	3.70E-07	4.02E-07	5.30E-06	3.14E-06
2584	493380.5, 3860393.11	2.77E-03	2.89E-06	1.68E-06	3.98E-07	3.89E-08	4.37E-07	2.67E-03	9.23E-07	2.79E-06	3.08E-08	3.61E-07	3.92E-07	5.23E-06	3.09E-06
2585	492880.5, 3860443.11	4.02E-03	4.20E-06	2.43E-06	5.78E-07	5.66E-08	6.35E-07	3.85E-03	1.33E-06	4.03E-06	4.45E-08	5.22E-07	5.66E-07	6.04E-06	3.73E-06
2586	492930.5, 3860443.11	3.89E-03	4.07E-06	2.35E-06	5.59E-07	5.47E-08	6.14E-07	3.73E-03	1.29E-06	3.90E-06	4.31E-08	5.05E-07	5.48E-07	5.90E-06	3.63E-06
2587	492980.5, 3860443.11	3.73E-03	3.90E-06	2.26E-06	5.36E-07	5.24E-08	5.89E-07	3.57E-03	1.24E-06	3.73E-06	4.13E-08	4.84E-07	5.25E-07	5.77E-06	3.54E-06
2588	493030.5, 3860443.11	3.57E-03	3.74E-06	2.16E-06	5.14E-07	5.03E-08	5.64E-07	3.43E-03	1.19E-06	3.58E-06	3.96E-08	4.64E-07	5.04E-07	5.66E-06	3.45E-06
2589	493080.5, 3860443.11	3.46E-03	3.61E-06	2.09E-06	4.97E-07	4.86E-08	5.45E-07	3.32E-03	1.15E-06	3.47E-06	3.83E-08	4.49E-07	4.87E-07	5.56E-06	3.38E-06
2590	493130.5, 3860443.11	3.35E-03	3.50E-06	2.02E-06	4.81E-07	4.71E-08	5.28E-07	3.21E-03	1.11E-06	3.36E-06	3.71E-08	4.35E-07	4.72E-07	5.46E-06	3.31E-06
2591	493180.5, 3860443.11	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.66E-08	5.23E-07	3.18E-03	1.10E-06	3.32E-06	3.68E-08	4.31E-07	4.67E-07	5.38E-06	3.27E-06
2592	493230.5, 3860443.11	3.17E-03	3.32E-06	1.92E-06	4.56E-07	4.46E-08	5.01E-07	3.05E-03	1.06E-06	3.19E-06	3.53E-08	4.13E-07	4.48E-07	5.30E-06	3.20E-06
2593	493280.5, 3860443.11	3.07E-03	3.21E-06	1.86E-06	4.41E-07	4.32E-08	4.84E-07	2.95E-03	1.02E-06	3.08E-06	3.41E-08	4.00E-07	4.34E-07	5.22E-06	3.14E-06
2594	493330.5, 3860443.11	2.95E-03	3.08E-06	1.78E-06	4.24E-07	4.15E-08	4.65E-07	2.84E-03	9.82E-07	2.97E-06	3.28E-08	3.84E-07	4.17E-07	5.15E-06	3.08E-06
2595	493380.5, 3860443.11	2.89E-03	3.02E-06	1.75E-06	4.16E-07	4.07E-08	4.57E-07	2.79E-03	9.64E-07	2.91E-06	3.22E-08	3.77E-07	4.09E-07	5.09E-06	3.04E-06
2596	493180.5, 3860493.11	3.44E-03	3.60E-06	2.08E-06	4.95E-07	4.84E-08	5.43E-07	3.31E-03	1.14E-06	3.45E-06	3.82E-08	4.48E-07	4.86E-07	5.25E-06	3.23E-06
2597	493230.5, 3860493.11	3.32E-03	3.47E-06	2.01E-06	4.78E-07	4.67E-08	5.24E-07	3.19E-03	1.10E-06	3.34E-06	3.69E-08	4.32E-07	4.69E-07	5.17E-06	3.17E-06
2598	493280.5, 3860493.11	3.20E-03	3.35E-06	1.94E-06	4.61E-07	4.51E-08	5.06E-07	3.08E-03	1.07E-06	3.22E-06	3.56E-08	4.17E-07	4.53E-07	5.10E-06	3.11E-06
2599	493330.5, 3860493.11	3.11E-03	3.25E-06	1.88E-06	4.47E-07	4.37E-08	4.90E-07	2.99E-03	1.03E-06	3.12E-06	3.45E-08	4.04E-07	4.39E-07	5.03E-06	3.06E-06
2600	493380.5, 3860493.11	3.04E-03	3.18E-06	1.84E-06	4.38E-07	4.28E-08	4.81E-07	2.93E-03	1.01E-06	3.06E-06	3.39E-08	3.97E-07	4.31E-07	4.96E-06	3.01E-06

2601	493330.5, 3860543.11	3.25E-03	3.40E-06	1.97E-06	4.67E-07	4.57E-08	5.13E-07	3.12E-03	1.08E-06	3.26E-06	3.61E-08	4.23E-07	4.59E-07	4.92E-06	3.03E-06
2602	493380.5, 3860543.11	3.18E-03	3.33E-06	1.93E-06	4.58E-07	4.48E-08	5.03E-07	3.06E-03	1.06E-06	3.20E-06	3.54E-08	4.15E-07	4.50E-07	4.86E-06	2.99E-06
2603	494135.94, 3860876.85	3.28E-03	3.43E-06	1.98E-06	4.71E-07	4.61E-08	5.17E-07	3.15E-03	1.09E-06	3.30E-06	3.65E-08	4.27E-07	4.63E-07	3.82E-06	2.50E-06
2604	494185.94, 3860876.85	3.22E-03	3.37E-06	1.95E-06	4.64E-07	4.53E-08	5.09E-07	3.10E-03	1.07E-06	3.24E-06	3.59E-08	4.20E-07	4.56E-07	3.78E-06	2.47E-06
2605	494135.94, 3860926.85	3.50E-03	3.66E-06	2.12E-06	5.03E-07	4.92E-08	5.52E-07	3.36E-03	1.16E-06	3.52E-06	3.89E-08	4.56E-07	4.95E-07	3.81E-06	2.54E-06
2606	494185.94, 3860926.85	3.44E-03	3.59E-06	2.08E-06	4.94E-07	4.83E-08	5.42E-07	3.31E-03	1.14E-06	3.45E-06	3.82E-08	4.48E-07	4.86E-07	3.78E-06	2.51E-06
2607	494135.94, 3860976.85	3.75E-03	3.92E-06	2.27E-06	5.40E-07	5.28E-08	5.92E-07	3.61E-03	1.25E-06	3.77E-06	4.17E-08	4.89E-07	5.30E-07	3.82E-06	2.60E-06
2608	494185.94, 3860976.85	3.68E-03	3.85E-06	2.23E-06	5.29E-07	5.18E-08	5.81E-07	3.54E-03	1.23E-06	3.70E-06	4.09E-08	4.79E-07	5.20E-07	3.79E-06	2.57E-06
2609	494135.94, 3861026.85	4.06E-03	4.24E-06	2.46E-06	5.84E-07	5.71E-08	6.41E-07	3.90E-03	1.35E-06	4.08E-06	4.51E-08	5.29E-07	5.74E-07	3.86E-06	2.67E-06
2610	494185.94, 3861026.85	3.98E-03	4.16E-06	2.41E-06	5.72E-07	5.59E-08	6.28E-07	3.82E-03	1.32E-06	4.00E-06	4.42E-08	5.18E-07	5.62E-07	3.82E-06	2.64E-06
2611	494135.94, 3861076.85	4.43E-03	4.63E-06	2.68E-06	6.37E-07	6.23E-08	7.00E-07	4.26E-03	1.48E-06	4.46E-06	4.93E-08	5.77E-07	6.27E-07	3.92E-06	2.78E-06
2612	494185.94, 3861076.85	4.33E-03	4.53E-06	2.62E-06	6.23E-07	6.09E-08	6.84E-07	4.17E-03	1.44E-06	4.36E-06	4.82E-08	5.65E-07	6.13E-07	3.88E-06	2.74E-06
2613	490360.04, 3858710.04	2.96E-03	3.09E-06	1.79E-06	4.26E-07	4.16E-08	4.67E-07	3.01E-03	1.04E-06	3.14E-06	3.47E-08	4.07E-07	4.42E-07	1.39E-05	7.35E-06
2614	490410.04, 3858710.04	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.54E-07	2.92E-03	1.01E-06	3.05E-06	3.38E-08	3.96E-07	4.29E-07	1.37E-05	7.23E-06
2615	490460.04, 3858710.04	2.78E-03	2.91E-06	1.68E-06	4.00E-07	3.91E-08	4.39E-07	2.82E-03	9.78E-07	2.95E-06	3.26E-08	3.82E-07	4.15E-07	1.35E-05	7.12E-06
2616	490510.04, 3858710.04	2.71E-03	2.83E-06	1.64E-06	3.89E-07	3.81E-08	4.27E-07	2.75E-03	9.51E-07	2.87E-06	3.18E-08	3.72E-07	4.04E-07	1.33E-05	7.01E-06
2617	490560.04, 3858710.04	2.64E-03	2.76E-06	1.60E-06	3.80E-07	3.71E-08	4.17E-07	2.68E-03	9.28E-07	2.80E-06	3.10E-08	3.63E-07	3.94E-07	1.31E-05	6.90E-06
2618	490610.04, 3858710.04	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	2.61E-03	9.05E-07	2.73E-06	3.02E-08	3.54E-07	3.84E-07	1.29E-05	6.79E-06
2619	490660.04, 3858710.04	2.53E-03	2.64E-06	1.53E-06	3.63E-07	3.55E-08	3.99E-07	2.56E-03	8.87E-07	2.68E-06	2.96E-08	3.47E-07	3.77E-07	1.27E-05	6.69E-06
2620	490710.04, 3858710.04	2.46E-03	2.57E-06	1.49E-06	3.53E-07	3.45E-08	3.88E-07	2.49E-03	8.62E-07	2.60E-06	2.88E-08	3.37E-07	3.66E-07	1.25E-05	6.59E-06
2621	490760.04, 3858710.04	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.37E-08	3.78E-07	2.43E-03	8.41E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	1.24E-05	6.50E-06
2622	490810.04, 3858710.04	2.34E-03	2.44E-06	1.41E-06	3.36E-07	3.29E-08	3.69E-07	2.37E-03	8.20E-07	2.48E-06	2.74E-08	3.21E-07	3.48E-07	1.22E-05	6.41E-06
2623	490860.04, 3858710.04	2.27E-03	2.37E-06	1.37E-06	3.27E-07	3.20E-08	3.59E-07	2.30E-03	7.97E-07	2.41E-06	2.66E-08	3.12E-07	3.38E-07	1.21E-05	6.33E-06
2624	490360.04, 3858760.04	3.08E-03	3.22E-06	1.87E-06	4.43E-07	4.34E-08	4.87E-07	3.13E-03	1.08E-06	3.27E-06	3.62E-08	4.24E-07	4.60E-07	1.40E-05	7.44E-06
2625	490410.04, 3858760.04	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	3.04E-03	1.05E-06	3.17E-06	3.51E-08	4.11E-07	4.46E-07	1.38E-05	7.31E-06
2626	490460.04, 3858760.04	2.90E-03	3.03E-06	1.75E-06	4.16E-07	4.07E-08	4.57E-07	2.94E-03	1.02E-06	3.07E-06	3.40E-08	3.98E-07	4.32E-07	1.36E-05	7.19E-06
2627	490510.04, 3858760.04	2.80E-03	2.93E-06	1.69E-06	4.03E-07	3.94E-08	4.42E-07	2.84E-03	9.84E-07	2.97E-06	3.29E-08	3.85E-07	4.18E-07	1.34E-05	7.08E-06
2628	490560.04, 3858760.04	2.72E-03	2.85E-06	1.65E-06	3.92E-07	3.83E-08	4.30E-07	2.76E-03	9.57E-07	2.89E-06	3.19E-08	3.74E-07	4.06E-07	1.32E-05	6.96E-06
2629	490610.04, 3858760.04	2.65E-03	2.77E-06	1.60E-06	3.80E-07	3.72E-08	4.18E-07	2.68E-03	9.29E-07	2.80E-06	3.10E-08	3.63E-07	3.94E-07	1.30E-05	6.86E-06
2630	490660.04, 3858760.04	2.58E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.07E-07	2.61E-03	9.04E-07	2.73E-06	3.02E-08	3.54E-07	3.84E-07	1.28E-05	6.75E-06
2631	490710.04, 3858760.04	2.51E-03	2.62E-06	1.52E-06	3.61E-07	3.53E-08	3.96E-07	2.54E-03	8.80E-07	2.66E-06	2.94E-08	3.44E-07	3.74E-07	1.26E-05	6.65E-06
2632	490760.04, 3858760.04	2.44E-03	2.55E-06	1.47E-06	3.50E-07	3.43E-08	3.85E-07	2.47E-03	8.55E-07	2.58E-06	2.85E-08	3.34E-07	3.63E-07	1.25E-05	6.56E-06
2633	490810.04, 3858760.04	2.37E-03	2.48E-06	1.44E-06	3.41E-07	3.34E-08	3.74E-07	2.40E-03	8.31E-07	2.51E-06	2.78E-08	3.25E-07	3.53E-07	1.23E-05	6.47E-06
2634	490860.04, 3858760.04	2.31E-03	2.42E-06	1.40E-06	3.33E-07	3.25E-08	3.65E-07	2.34E-03	8.11E-07	2.45E-06	2.71E-08	3.17E-07	3.44E-07	1.22E-05	6.38E-06
2635	490360.04, 3858810.04	3.21E-03	3.35E-06	1.94E-06	4.61E-07	4.51E-08	5.07E-07	3.26E-03	1.13E-06	3.40E-06	3.76E-08	4.41E-07	4.79E-07	1.42E-05	7.54E-06
2636	490410.04, 3858810.04	3.10E-03	3.24E-06	1.88E-06	4.46E-07	4.36E-08	4.90E-07	3.15E-03	1.09E-06	3.29E-06	3.64E-08	4.26E-07	4.63E-07	1.39E-05	7.41E-06
2637	490460.04, 3858810.04	3.00E-03	3.14E-06	1.82E-06	4.31E-07	4.22E-08	4.74E-07	3.04E-03	1.05E-06	3.18E-06	3.52E-08	4.12E-07	4.47E-07	1.37E-05	7.28E-06
2638	490510.04, 3858810.04	2.91E-03	3.05E-06	1.76E-06	4.19E-07	4.10E-08	4.60E-07	2.96E-03	1.02E-06	3.09E-06	3.42E-08	4.00E-07	4.34E-07	1.35E-05	7.15E-06
2639	490560.04, 3858810.04	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	2.87E-03	9.93E-07	3.00E-06	3.32E-08	3.88E-07	4.22E-07	1.33E-05	7.04E-06
2640	490610.04, 3858810.04	2.73E-03	2.86E-06	1.65E-06	3.93E-07	3.84E-08	4.31E-07	2.77E-03	9.59E-07	2.90E-06	3.20E-08	3.75E-07	4.07E-07	1.31E-05	6.93E-06
2641	490660.04, 3858810.04	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.73E-08	4.19E-07	2.69E-03	9.31E-07	2.81E-06	3.11E-08	3.64E-07	3.95E-07	1.29E-05	6.82E-06
2642	490710.04, 3858810.04	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	2.61E-03	9.02E-07	2.72E-06	3.01E-08	3.53E-07	3.83E-07	1.27E-05	6.72E-06
2643	490760.04, 3858810.04	2.48E-03	2.59E-06	1.50E-06	3.57E-07	3.49E-08	3.92E-07	2.51E-03	8.70E-07	2.63E-06	2.90E-08	3.40E-07	3.69E-07	1.26E-05	6.62E-06
2644	490810.04, 3858810.04	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.42E-08	3.84E-07	2.46E-03	8.51E-07	2.57E-06	2.84E-08	3.33E-07	3.61E-07	1.24E-05	6.52E-06
2645	490860.04, 3858810.04	2.36E-03	2.47E-06	1.43E-06	3.39E-07	3.32E-08	3.73E-07	2.39E-03	8.26E-07	2.49E-06	2.76E-08	3.23E-07	3.51E-07	1.22E-05	6.44E-06
2646	490360.04, 3858860.04	3.33E-03	3.48E-06	2.02E-06	4.79E-07	4.69E-08	5.26E-07	3.38E-03	1.17E-06	3.53E-06	3.90E-08	4.57E-07	4.96E-07	1.44E-05	7.66E-06
2647	490410.04, 3858860.04	3.24E-03	3.39E-06	1.96E-06	4.66E-07	4.56E-08	5.11E-07	3.28E-03	1.14E-06	3.43E-06	3.80E-08	4.45E-07	4.83E-07	1.41E-05	7.51E-06
2648	490460.04, 3858860.04	3.12E-03	3.26E-06	1.89E-06	4.49E-07	4.39E-08	4.93E-07	3.16E-03	1.09E-06	3.30E-06	3.65E-08	4.28E-07	4.65E-07	1.39E-05	7.38E-06
2649	490510.04, 3858860.04	3.04E-03	3.18E-06	1.84E-06	4.37E-07	4.27E-08	4.80E-07	3.08E-03	1.07E-06	3.22E-06	3.56E-08	4.17E-07	4.53E-07	1.36E-05	7.24E-06
2650	490560.04, 3858860.04	2.94E-03	3.07E-06	1.78E-06	4.22E-07	4.13E-08	4.64E-07	2.97E-03	1.03E-06	3.11E-06	3.44E-08	4.03E-07	4.37E-07	1.34E-05	7.12E-06
2651	490610.04, 3858860.04	2.82E-03	2.95E-06	1.71E-06	4.05E-07	3.96E-08	4.45E-07	2.85E-03	9.88E-07	2.98E-06	3.30E-08	3.87E-07	4.20E-07	1.32E-05	7.01E-06
2652	490660.04, 3858860.04	2.73E-03	2.86E-06	1.65E-06	3.93E-07	3.84E-08	4.32E-07	2.77E-03	9.58E-07	2.89E-06	3.20E-08	3.75E-07	4.07E-07	1.30E-05	6.89E-06
2653	490710.04, 3858860.04	2.66E-03	2.78E-06	1.61E-06	3.83E-07	3.75E-08	4.21E-07	2.69E-03	9.32E-07	2.81E-06	3.11E-08	3.65E-07	3.96E-07	1.28E-05	6.78E-06
2654	490760.04, 3858860.04	2.57E-03	2.69E-06	1.55E-06	3.69E-07	3.61E-08	4.06E-07	2.60E-03	8.99E-07	2.71E-06	3.00E-08	3.52E-07	3.82E-07	1.27E-05	6.68E-06
2655	490810.04, 3858860.04	2.48E-03	2.60E-06	1.50E-06	3.57E-07	3.49E-08	3.92E-07	2.51E-03	8.68E-07	2.62E-06	2.90E-08	3.40E-07	3.69E-07	1.25E-05	6.59E-06
2656	490860.04, 3858860.04	2.40E-03	2.51E-06	1.45E-06	3.45E-07	3.38E-08	3.79E-07	2.42E-03	8.39E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	1.24E-05	6.50E-06
2657	490360.04, 3858910.04	3.52E-03	3.68E-06	2.13E-06	5.07E-07	4.96E-08	5.56E-07	3.57E-03	1.23E-06	3.73E-06	4.12E-08	4.83E-07	5.24E-07	1.45E-05	7.79E-06
2658	490410.04, 3858910.04	3.40E-03	3.56E-06	2.06E-06	4.89E-07	4.78E-08	5.37E-07	3.44E-03	1.19E-06	3.60E-06	3.98E-08	4.66E-07	5.06E-07	1.43E-05	7.63E-06
2659	490460.04, 3858910.04	3.28E-03	3.43E-06	1.99E-06	4.72E-07	4.61E-08	5.18E-07	3.32E-03	1.15E-06	3.47E-06	3.84E-08	4.49E-07	4.88E-07	1.40E-05	7.49E-06
2660	490510.04, 3858910.04	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.19E-03	1.11E-06	3.34E-06	3.69E-08	4.33E-07	4.69E-07	1.38E-05	7.35E-06
2661	490560.04, 3858910.04	3.04E-03	3.18E-06	1.84E-06	4.37E-07	4.27E-08	4.80E-07	3.07E-03	1.06E-06	3.21E-06	3.55E-08	4.16E-07	4.52E-07	1.36E-05	7.22E-06
2662	490610.04, 3858910.04	2.92E-03	3.06E-06	1.77E-06	4.20E-07	4.11E-08	4.61E-07	2.95E-03	1.02E-06	3.09E-06	3.41E-08	4.00E-07	4.34E-07	1.34E-05	7.09E-06

2663	490660.04, 3858910.04	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	2.86E-03	9.89E-07	2.98E-06	3.30E-08	3.87E-07	4.20E-07	1.32E-05	6.97E-06
2664	490710.04, 3858910.04	2.73E-03	2.85E-06	1.65E-06	3.92E-07	3.84E-08	4.31E-07	2.75E-03	9.53E-07	2.88E-06	3.18E-08	3.73E-07	4.05E-07	1.30E-05	6.86E-06
2665	490760.04, 3858910.04	2.62E-03	2.74E-06	1.59E-06	3.77E-07	3.69E-08	4.14E-07	2.65E-03	9.16E-07	2.77E-06	3.06E-08	3.58E-07	3.89E-07	1.28E-05	6.76E-06
2666	490810.04, 3858910.04	2.54E-03	2.66E-06	1.54E-06	3.66E-07	3.58E-08	4.01E-07	2.56E-03	8.88E-07	2.68E-06	2.96E-08	3.47E-07	3.77E-07	1.26E-05	6.66E-06
2667	490860.04, 3858910.04	2.45E-03	2.56E-06	1.48E-06	3.52E-07	3.44E-08	3.87E-07	2.47E-03	8.54E-07	2.58E-06	2.85E-08	3.34E-07	3.62E-07	1.25E-05	6.56E-06
2668	490360.04, 3858960.04	3.71E-03	3.87E-06	2.24E-06	5.33E-07	5.21E-08	5.85E-07	3.74E-03	1.29E-06	3.91E-06	4.32E-08	5.06E-07	5.49E-07	1.48E-05	7.94E-06
2669	490410.04, 3858960.04	3.56E-03	3.72E-06	2.15E-06	5.11E-07	5.00E-08	5.61E-07	3.59E-03	1.24E-06	3.75E-06	4.15E-08	4.86E-07	5.27E-07	1.45E-05	7.77E-06
2670	490460.04, 3858960.04	3.41E-03	3.56E-06	2.06E-06	4.90E-07	4.80E-08	5.38E-07	3.44E-03	1.19E-06	3.60E-06	3.98E-08	4.66E-07	5.06E-07	1.42E-05	7.61E-06
2671	490510.04, 3858960.04	3.28E-03	3.43E-06	1.98E-06	4.72E-07	4.61E-08	5.18E-07	3.31E-03	1.14E-06	3.46E-06	3.82E-08	4.48E-07	4.86E-07	1.40E-05	7.47E-06
2672	490560.04, 3858960.04	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.98E-07	3.18E-03	1.10E-06	3.33E-06	3.68E-08	4.31E-07	4.68E-07	1.37E-05	7.33E-06
2673	490610.04, 3858960.04	3.02E-03	3.16E-06	1.83E-06	4.34E-07	4.25E-08	4.77E-07	3.04E-03	1.05E-06	3.18E-06	3.52E-08	4.12E-07	4.47E-07	1.35E-05	7.20E-06
2674	490660.04, 3858960.04	2.93E-03	3.07E-06	1.78E-06	4.22E-07	4.13E-08	4.63E-07	2.96E-03	1.02E-06	3.09E-06	3.42E-08	4.00E-07	4.34E-07	1.33E-05	7.07E-06
2675	490710.04, 3858960.04	2.81E-03	2.94E-06	1.70E-06	4.04E-07	3.96E-08	4.44E-07	2.83E-03	9.80E-07	2.96E-06	3.27E-08	3.83E-07	4.16E-07	1.31E-05	6.95E-06
2676	490760.04, 3858960.04	2.71E-03	2.83E-06	1.64E-06	3.89E-07	3.81E-08	4.27E-07	2.72E-03	9.42E-07	2.85E-06	3.15E-08	3.69E-07	4.00E-07	1.29E-05	6.84E-06
2677	490810.04, 3858960.04	2.61E-03	2.72E-06	1.58E-06	3.75E-07	3.67E-08	4.12E-07	2.62E-03	9.07E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	1.28E-05	6.73E-06
2678	490860.04, 3858960.04	2.50E-03	2.62E-06	1.51E-06	3.60E-07	3.52E-08	3.95E-07	2.51E-03	8.70E-07	2.63E-06	2.91E-08	3.40E-07	3.70E-07	1.26E-05	6.64E-06
2679	490360.04, 3859010.04	3.91E-03	4.09E-06	2.37E-06	5.62E-07	5.50E-08	6.17E-07	3.93E-03	1.36E-06	4.11E-06	4.55E-08	5.33E-07	5.78E-07	1.50E-05	8.11E-06
2680	490410.04, 3859010.04	3.73E-03	3.90E-06	2.26E-06	5.37E-07	5.25E-08	5.90E-07	3.76E-03	1.30E-06	3.93E-06	4.34E-08	5.09E-07	5.52E-07	1.47E-05	7.93E-06
2681	490460.04, 3859010.04	3.55E-03	3.71E-06	2.15E-06	5.11E-07	4.99E-08	5.60E-07	3.57E-03	1.24E-06	3.73E-06	4.13E-08	4.83E-07	5.25E-07	1.45E-05	7.76E-06
2682	490510.04, 3859010.04	3.38E-03	3.53E-06	2.05E-06	4.86E-07	4.76E-08	5.34E-07	3.40E-03	1.18E-06	3.55E-06	3.93E-08	4.60E-07	5.00E-07	1.42E-05	7.60E-06
2683	490560.04, 3859010.04	3.27E-03	3.42E-06	1.98E-06	4.70E-07	4.60E-08	5.16E-07	3.29E-03	1.14E-06	3.44E-06	3.80E-08	4.45E-07	4.83E-07	1.39E-05	7.45E-06
2684	490610.04, 3859010.04	3.12E-03	3.26E-06	1.89E-06	4.49E-07	4.39E-08	4.93E-07	3.14E-03	1.09E-06	3.28E-06	3.63E-08	4.25E-07	4.61E-07	1.37E-05	7.31E-06
2685	490660.04, 3859010.04	3.03E-03	3.17E-06	1.84E-06	4.36E-07	4.26E-08	4.79E-07	3.05E-03	1.05E-06	3.18E-06	3.52E-08	4.13E-07	4.48E-07	1.35E-05	7.17E-06
2686	490710.04, 3859010.04	2.90E-03	3.03E-06	1.75E-06	4.17E-07	4.07E-08	4.57E-07	2.91E-03	1.01E-06	3.04E-06	3.36E-08	3.94E-07	4.28E-07	1.33E-05	7.05E-06
2687	490760.04, 3859010.04	2.78E-03	2.91E-06	1.68E-06	4.00E-07	3.91E-08	4.39E-07	2.79E-03	9.66E-07	2.92E-06	3.23E-08	3.78E-07	4.10E-07	1.31E-05	6.93E-06
2688	490810.04, 3859010.04	2.67E-03	2.79E-06	1.61E-06	3.84E-07	3.75E-08	4.21E-07	2.68E-03	9.26E-07	2.80E-06	3.09E-08	3.62E-07	3.93E-07	1.29E-05	6.82E-06
2689	490860.04, 3859010.04	2.57E-03	2.69E-06	1.56E-06	3.70E-07	3.62E-08	4.06E-07	2.58E-03	8.92E-07	2.69E-06	2.98E-08	3.49E-07	3.79E-07	1.27E-05	6.72E-06
2690	490360.04, 3859060.04	4.13E-03	4.32E-06	2.50E-06	5.94E-07	5.81E-08	6.52E-07	4.14E-03	1.43E-06	4.33E-06	4.79E-08	5.61E-07	6.09E-07	1.54E-05	8.31E-06
2691	490410.04, 3859060.04	3.90E-03	4.07E-06	2.36E-06	5.60E-07	5.48E-08	6.15E-07	3.91E-03	1.35E-06	4.08E-06	4.52E-08	5.29E-07	5.74E-07	1.50E-05	8.11E-06
2692	490460.04, 3859060.04	3.71E-03	3.87E-06	2.24E-06	5.33E-07	5.21E-08	5.85E-07	3.71E-03	1.29E-06	3.88E-06	4.29E-08	5.03E-07	5.46E-07	1.47E-05	7.92E-06
2693	490510.04, 3859060.04	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	3.55E-03	1.23E-06	3.71E-06	4.10E-08	4.80E-07	5.22E-07	1.45E-05	7.75E-06
2694	490560.04, 3859060.04	3.37E-03	3.52E-06	2.04E-06	4.84E-07	4.74E-08	5.32E-07	3.37E-03	1.17E-06	3.53E-06	3.90E-08	4.57E-07	4.96E-07	1.42E-05	7.58E-06
2695	490610.04, 3859060.04	3.24E-03	3.39E-06	1.96E-06	4.66E-07	4.56E-08	5.11E-07	3.25E-03	1.12E-06	3.39E-06	3.75E-08	4.40E-07	4.77E-07	1.39E-05	7.43E-06
2696	490660.04, 3859060.04	3.13E-03	3.27E-06	1.89E-06	4.49E-07	4.40E-08	4.93E-07	3.13E-03	1.08E-06	3.27E-06	3.62E-08	4.24E-07	4.60E-07	1.37E-05	7.29E-06
2697	490710.04, 3859060.04	2.98E-03	3.12E-06	1.80E-06	4.29E-07	4.19E-08	4.71E-07	2.98E-03	1.03E-06	3.12E-06	3.45E-08	4.04E-07	4.39E-07	1.35E-05	7.15E-06
2698	490760.04, 3859060.04	2.85E-03	2.98E-06	1.73E-06	4.10E-07	4.01E-08	4.50E-07	2.86E-03	9.89E-07	2.98E-06	3.30E-08	3.87E-07	4.20E-07	1.33E-05	7.03E-06
2699	490810.04, 3859060.04	2.73E-03	2.86E-06	1.65E-06	3.93E-07	3.84E-08	4.32E-07	2.74E-03	9.47E-07	2.86E-06	3.16E-08	3.70E-07	4.02E-07	1.31E-05	6.92E-06
2700	490860.04, 3859060.04	2.63E-03	2.75E-06	1.59E-06	3.78E-07	3.70E-08	4.15E-07	2.63E-03	9.10E-07	2.75E-06	3.04E-08	3.56E-07	3.86E-07	1.29E-05	6.81E-06
2701	490360.04, 3859110.04	4.42E-03	4.62E-06	2.67E-06	6.35E-07	6.21E-08	6.97E-07	4.41E-03	1.53E-06	4.61E-06	5.10E-08	5.97E-07	6.48E-07	1.57E-05	8.53E-06
2702	490410.04, 3859110.04	4.15E-03	4.34E-06	2.51E-06	5.96E-07	5.83E-08	6.55E-07	4.14E-03	1.43E-06	4.33E-06	4.79E-08	5.61E-07	6.09E-07	1.54E-05	8.31E-06
2703	490460.04, 3859110.04	3.95E-03	4.13E-06	2.39E-06	5.68E-07	5.55E-08	6.23E-07	3.94E-03	1.37E-06	4.12E-06	4.56E-08	5.34E-07	5.80E-07	1.50E-05	8.10E-06
2704	490510.04, 3859110.04	3.69E-03	3.86E-06	2.23E-06	5.30E-07	5.19E-08	5.82E-07	3.69E-03	1.28E-06	3.85E-06	4.26E-08	4.99E-07	5.42E-07	1.47E-05	7.91E-06
2705	490560.04, 3859110.04	3.51E-03	3.67E-06	2.13E-06	5.05E-07	4.94E-08	5.55E-07	3.51E-03	1.22E-06	3.67E-06	4.06E-08	4.76E-07	5.16E-07	1.44E-05	7.74E-06
2706	490610.04, 3859110.04	3.34E-03	3.49E-06	2.02E-06	4.81E-07	4.70E-08	5.28E-07	3.34E-03	1.16E-06	3.49E-06	3.86E-08	4.52E-07	4.91E-07	1.42E-05	7.57E-06
2707	490660.04, 3859110.04	3.17E-03	3.32E-06	1.92E-06	4.57E-07	4.46E-08	5.01E-07	3.17E-03	1.10E-06	3.31E-06	3.67E-08	4.29E-07	4.66E-07	1.39E-05	7.42E-06
2708	490710.04, 3859110.04	3.06E-03	3.20E-06	1.85E-06	4.40E-07	4.30E-08	4.83E-07	3.05E-03	1.06E-06	3.19E-06	3.53E-08	4.13E-07	4.49E-07	1.37E-05	7.28E-06
2709	490760.04, 3859110.04	2.93E-03	3.06E-06	1.77E-06	4.22E-07	4.12E-08	4.63E-07	2.92E-03	1.01E-06	3.06E-06	3.38E-08	3.96E-07	4.30E-07	1.35E-05	7.15E-06
2710	490810.04, 3859110.04	2.80E-03	2.93E-06	1.69E-06	4.03E-07	3.94E-08	4.42E-07	2.79E-03	9.67E-07	2.92E-06	3.23E-08	3.78E-07	4.11E-07	1.33E-05	7.03E-06
2711	490860.04, 3859110.04	2.68E-03	2.80E-06	1.62E-06	3.86E-07	3.77E-08	4.24E-07	2.67E-03	9.25E-07	2.79E-06	3.09E-08	3.62E-07	3.93E-07	1.31E-05	6.92E-06
2712	490360.04, 3859160.04	4.77E-03	4.99E-06	2.89E-06	6.86E-07	6.71E-08	7.53E-07	4.74E-03	1.64E-06	4.96E-06	5.48E-08	6.43E-07	6.97E-07	1.61E-05	8.80E-06
2713	490410.04, 3859160.04	4.47E-03	4.67E-06	2.70E-06	6.43E-07	6.28E-08	7.06E-07	4.45E-03	1.54E-06	4.65E-06	5.14E-08	6.02E-07	6.53E-07	1.57E-05	8.55E-06
2714	490460.04, 3859160.04	4.21E-03	4.40E-06	2.55E-06	6.05E-07	5.92E-08	6.64E-07	4.19E-03	1.45E-06	4.38E-06	4.84E-08	5.67E-07	6.15E-07	1.54E-05	8.32E-06
2715	490510.04, 3859160.04	3.96E-03	4.14E-06	2.40E-06	5.70E-07	5.58E-08	6.26E-07	3.95E-03	1.37E-06	4.13E-06	4.56E-08	5.35E-07	5.80E-07	1.50E-05	8.11E-06
2716	490560.04, 3859160.04	3.72E-03	3.89E-06	2.25E-06	5.35E-07	5.23E-08	5.87E-07	3.70E-03	1.28E-06	3.87E-06	4.28E-08	5.01E-07	5.44E-07	1.47E-05	7.91E-06
2717	490610.04, 3859160.04	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	3.53E-03	1.22E-06	3.69E-06	4.08E-08	4.78E-07	5.18E-07	1.44E-05	7.73E-06
2718	490660.04, 3859160.04	3.29E-03	3.44E-06	1.99E-06	4.73E-07	4.63E-08	5.20E-07	3.28E-03	1.13E-06	3.42E-06	3.79E-08	4.44E-07	4.81E-07	1.42E-05	7.58E-06
2719	490710.04, 3859160.04	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.14E-03	1.09E-06	3.29E-06	3.63E-08	4.26E-07	4.62E-07	1.40E-05	7.43E-06
2720	490760.04, 3859160.04	2.99E-03	3.13E-06	1.81E-06	4.30E-07	4.21E-08	4.72E-07	2.97E-03	1.03E-06	3.11E-06	3.44E-08	4.03E-07	4.37E-07	1.38E-05	7.30E-06
2721	490810.04, 3859160.04	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.55E-07	2.86E-03	9.90E-07	2.99E-06	3.31E-08	3.87E-07	4.20E-07	1.35E-05	7.16E-06
2722	490860.04, 3859160.04	2.77E-03	2.90E-06	1.68E-06	3.98E-07	3.90E-08	4.37E-07	2.75E-03	9.52E-07	2.87E-06	3.18E-08	3.72E-07	4.04E-07	1.33E-05	7.04E-06
2723	490360.04, 3859210.04	5.20E-03	5.43E-06	3.14E-06	7.47E-07	7.31E-08	8.20E-07	5.14E-03	1.78E-06	5.38E-06	5.94E-08	6.96E-07	7.56E-07	1.66E-05	9.12E-06
2724	490410.04, 3859210.04	4.92E-03	5.14E-06	2.98E-06	7.07E-07	6.92E-08	7.76E-07	4.87E-03	1.69E-06	5.09E-06	5.63E-08	6.60E-07	7.16E-07	1.62E-05	8.84E-06

2725	490460.04, 3859210.04	4.52E-03	4.73E-06	2.74E-06	6.50E-07	6.36E-08	7.14E-07	4.48E-03	1.55E-06	4.69E-06	5.18E-08	6.07E-07	6.59E-07	1.58E-05	8.57E-06
2726	490510.04, 3859210.04	4.23E-03	4.43E-06	2.56E-06	6.09E-07	5.95E-08	6.68E-07	4.20E-03	1.45E-06	4.39E-06	4.85E-08	5.69E-07	6.17E-07	1.54E-05	8.34E-06
2727	490560.04, 3859210.04	4.02E-03	4.20E-06	2.43E-06	5.78E-07	5.65E-08	6.34E-07	3.99E-03	1.38E-06	4.17E-06	4.61E-08	5.40E-07	5.86E-07	1.50E-05	8.12E-06
2728	490610.04, 3859210.04	3.78E-03	3.95E-06	2.29E-06	5.44E-07	5.32E-08	5.97E-07	3.75E-03	1.30E-06	3.92E-06	4.34E-08	5.08E-07	5.52E-07	1.47E-05	7.92E-06
2729	490660.04, 3859210.04	3.52E-03	3.67E-06	2.13E-06	5.06E-07	4.94E-08	5.55E-07	3.49E-03	1.21E-06	3.64E-06	4.03E-08	4.72E-07	5.13E-07	1.45E-05	7.74E-06
2730	490710.04, 3859210.04	3.34E-03	3.49E-06	2.02E-06	4.80E-07	4.69E-08	5.27E-07	3.31E-03	1.15E-06	3.46E-06	3.82E-08	4.48E-07	4.86E-07	1.42E-05	7.57E-06
2731	490760.04, 3859210.04	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.13E-03	1.08E-06	3.27E-06	3.62E-08	4.24E-07	4.60E-07	1.40E-05	7.44E-06
2732	490810.04, 3859210.04	3.07E-03	3.21E-06	1.86E-06	4.42E-07	4.32E-08	4.85E-07	3.04E-03	1.05E-06	3.18E-06	3.52E-08	4.12E-07	4.47E-07	1.37E-05	7.28E-06
2733	490860.04, 3859210.04	2.99E-03	3.12E-06	1.81E-06	4.29E-07	4.20E-08	4.71E-07	2.96E-03	1.02E-06	3.09E-06	3.42E-08	4.00E-07	4.34E-07	1.34E-05	7.14E-06
2734	490360.04, 3859260.04	5.68E-03	5.93E-06	3.43E-06	8.16E-07	7.98E-08	8.96E-07	5.59E-03	1.94E-06	5.84E-06	6.46E-08	7.57E-07	8.22E-07	1.72E-05	9.52E-06
2735	490410.04, 3859260.04	5.31E-03	5.55E-06	3.22E-06	7.64E-07	7.47E-08	8.39E-07	5.24E-03	1.81E-06	5.48E-06	6.06E-08	7.10E-07	7.70E-07	1.67E-05	9.19E-06
2736	490460.04, 3859260.04	5.02E-03	5.25E-06	3.04E-06	7.22E-07	7.06E-08	7.92E-07	4.95E-03	1.71E-06	5.18E-06	5.72E-08	6.71E-07	7.28E-07	1.62E-05	8.89E-06
2737	490510.04, 3859260.04	4.74E-03	4.95E-06	2.87E-06	6.82E-07	6.67E-08	7.48E-07	4.68E-03	1.62E-06	4.89E-06	5.41E-08	6.34E-07	6.88E-07	1.58E-05	8.62E-06
2738	490560.04, 3859260.04	4.44E-03	4.64E-06	2.69E-06	6.38E-07	6.24E-08	7.01E-07	4.38E-03	1.52E-06	4.58E-06	5.07E-08	5.94E-07	6.44E-07	1.54E-05	8.38E-06
2739	490610.04, 3859260.04	4.11E-03	4.29E-06	2.48E-06	5.91E-07	5.78E-08	6.48E-07	4.06E-03	1.40E-06	4.24E-06	4.69E-08	5.49E-07	5.96E-07	1.51E-05	8.15E-06
2740	490660.04, 3859260.04	3.95E-03	4.13E-06	2.39E-06	5.68E-07	5.56E-08	6.24E-07	3.91E-03	1.35E-06	4.08E-06	4.52E-08	5.29E-07	5.74E-07	1.47E-05	7.94E-06
2741	490710.04, 3859260.04	3.74E-03	3.91E-06	2.26E-06	5.38E-07	5.26E-08	5.91E-07	3.70E-03	1.28E-06	3.87E-06	4.28E-08	5.01E-07	5.44E-07	1.44E-05	7.74E-06
2742	490760.04, 3859260.04	3.51E-03	3.67E-06	2.12E-06	5.05E-07	4.94E-08	5.54E-07	3.47E-03	1.20E-06	3.63E-06	4.01E-08	4.70E-07	5.10E-07	1.41E-05	7.58E-06
2743	490810.04, 3859260.04	3.39E-03	3.54E-06	2.05E-06	4.87E-07	4.76E-08	5.34E-07	3.34E-03	1.16E-06	3.50E-06	3.87E-08	4.53E-07	4.92E-07	1.38E-05	7.41E-06
2744	490860.04, 3859260.04	3.27E-03	3.42E-06	1.98E-06	4.70E-07	4.60E-08	5.16E-07	3.23E-03	1.12E-06	3.38E-06	3.73E-08	4.37E-07	4.75E-07	1.36E-05	7.26E-06
2745	490360.04, 3859310.04	6.39E-03	6.68E-06	3.86E-06	9.18E-07	8.98E-08	1.01E-06	6.26E-03	2.17E-06	6.54E-06	7.23E-08	8.47E-07	9.20E-07	1.80E-05	1.00E-05
2746	490410.04, 3859310.04	5.94E-03	6.21E-06	3.60E-06	8.55E-07	8.36E-08	9.38E-07	5.83E-03	2.02E-06	6.09E-06	6.74E-08	7.89E-07	8.57E-07	1.74E-05	9.64E-06
2747	490460.04, 3859310.04	5.57E-03	5.82E-06	3.37E-06	8.00E-07	7.83E-08	8.79E-07	5.47E-03	1.89E-06	5.71E-06	6.32E-08	7.40E-07	8.03E-07	1.68E-05	9.29E-06
2748	490510.04, 3859310.04	5.26E-03	5.50E-06	3.18E-06	7.57E-07	7.40E-08	8.31E-07	5.17E-03	1.79E-06	5.41E-06	5.98E-08	7.01E-07	7.61E-07	1.63E-05	8.98E-06
2749	490560.04, 3859310.04	4.97E-03	5.20E-06	3.01E-06	7.15E-07	6.99E-08	7.85E-07	4.89E-03	1.69E-06	5.11E-06	5.66E-08	6.63E-07	7.19E-07	1.58E-05	8.69E-06
2750	490610.04, 3859310.04	4.73E-03	4.94E-06	2.86E-06	6.80E-07	6.65E-08	7.46E-07	4.65E-03	1.61E-06	4.86E-06	5.38E-08	6.30E-07	6.84E-07	1.54E-05	8.43E-06
2751	490660.04, 3859310.04	4.47E-03	4.67E-06	2.70E-06	6.42E-07	6.28E-08	7.05E-07	4.40E-03	1.52E-06	4.60E-06	5.08E-08	5.96E-07	6.47E-07	1.50E-05	8.19E-06
2752	490710.04, 3859310.04	4.13E-03	4.32E-06	2.50E-06	5.94E-07	5.81E-08	6.52E-07	4.07E-03	1.41E-06	4.25E-06	4.70E-08	5.51E-07	5.98E-07	1.47E-05	7.97E-06
2753	490760.04, 3859310.04	3.91E-03	4.09E-06	2.37E-06	5.63E-07	5.50E-08	6.18E-07	3.86E-03	1.33E-06	4.03E-06	4.46E-08	5.22E-07	5.67E-07	1.44E-05	7.77E-06
2754	490810.04, 3859310.04	3.76E-03	3.93E-06	2.27E-06	5.40E-07	5.28E-08	5.93E-07	3.70E-03	1.28E-06	3.87E-06	4.28E-08	5.01E-07	5.44E-07	1.41E-05	7.59E-06
2755	490860.04, 3859310.04	3.58E-03	3.74E-06	2.17E-06	5.15E-07	5.03E-08	5.65E-07	3.52E-03	1.22E-06	3.68E-06	4.07E-08	4.77E-07	5.18E-07	1.38E-05	7.41E-06
2756	490360.04, 3859360.04	7.31E-03	7.64E-06	4.42E-06	1.05E-06	1.03E-07	1.15E-06	7.12E-03	2.47E-06	7.45E-06	8.24E-08	9.65E-07	1.05E-06	1.91E-05	1.07E-05
2757	490410.04, 3859360.04	6.82E-03	7.12E-06	4.12E-06	9.80E-07	9.59E-08	1.08E-06	6.65E-03	2.30E-06	6.95E-06	7.69E-08	9.01E-07	9.78E-07	1.83E-05	1.02E-05
2758	490460.04, 3859360.04	6.39E-03	6.68E-06	3.87E-06	9.19E-07	8.99E-08	1.01E-06	6.25E-03	2.16E-06	6.53E-06	7.22E-08	8.46E-07	9.18E-07	1.76E-05	9.81E-06
2759	490510.04, 3859360.04	6.01E-03	6.28E-06	3.63E-06	8.64E-07	8.45E-08	9.48E-07	5.88E-03	2.03E-06	6.14E-06	6.79E-08	7.96E-07	8.64E-07	1.69E-05	9.43E-06
2760	490560.04, 3859360.04	5.61E-03	5.86E-06	3.39E-06	8.07E-07	7.89E-08	8.86E-07	5.49E-03	1.90E-06	5.74E-06	6.35E-08	7.44E-07	8.07E-07	1.64E-05	9.09E-06
2761	490610.04, 3859360.04	5.26E-03	5.50E-06	3.18E-06	7.56E-07	7.40E-08	8.30E-07	5.15E-03	1.78E-06	5.39E-06	5.96E-08	6.98E-07	7.58E-07	1.59E-05	8.78E-06
2762	490660.04, 3859360.04	4.97E-03	5.19E-06	3.01E-06	7.14E-07	6.98E-08	7.84E-07	4.87E-03	1.69E-06	5.09E-06	5.63E-08	6.60E-07	7.16E-07	1.54E-05	8.50E-06
2763	490710.04, 3859360.04	4.65E-03	4.86E-06	2.81E-06	6.68E-07	6.54E-08	7.34E-07	4.56E-03	1.58E-06	4.77E-06	5.27E-08	6.18E-07	6.70E-07	1.50E-05	8.25E-06
2764	490760.04, 3859360.04	4.35E-03	4.55E-06	2.63E-06	6.26E-07	6.12E-08	6.87E-07	4.27E-03	1.48E-06	4.46E-06	4.94E-08	5.79E-07	6.28E-07	1.47E-05	8.01E-06
2765	490810.04, 3859360.04	4.19E-03	4.38E-06	2.54E-06	6.03E-07	5.90E-08	6.62E-07	4.12E-03	1.43E-06	4.30E-06	4.76E-08	5.58E-07	6.05E-07	1.43E-05	7.81E-06
2766	490860.04, 3859360.04	3.99E-03	4.17E-06	2.42E-06	5.74E-07	5.62E-08	6.31E-07	3.92E-03	1.36E-06	4.10E-06	4.53E-08	5.31E-07	5.77E-07	1.40E-05	7.61E-06
2767	490360.04, 3859410.04	8.53E-03	8.92E-06	5.16E-06	1.23E-06	1.20E-07	1.35E-06	8.27E-03	2.86E-06	8.65E-06	9.56E-08	1.12E-06	1.22E-06	2.04E-05	1.16E-05
2768	490410.04, 3859410.04	7.92E-03	8.28E-06	4.79E-06	1.14E-06	1.11E-07	1.25E-06	7.70E-03	2.66E-06	8.04E-06	8.90E-08	1.04E-06	1.13E-06	1.94E-05	1.10E-05
2769	490460.04, 3859410.04	7.38E-03	7.72E-06	4.47E-06	1.06E-06	1.04E-07	1.17E-06	7.18E-03	2.49E-06	7.50E-06	8.30E-08	9.72E-07	1.06E-06	1.85E-05	1.05E-05
2770	490510.04, 3859410.04	6.89E-03	7.21E-06	4.17E-06	9.91E-07	9.70E-08	1.09E-06	6.71E-03	2.32E-06	7.02E-06	7.76E-08	9.09E-07	9.87E-07	1.78E-05	1.00E-05
2771	490560.04, 3859410.04	6.46E-03	6.75E-06	3.91E-06	9.29E-07	9.08E-08	1.02E-06	6.29E-03	2.18E-06	6.58E-06	7.28E-08	8.52E-07	9.25E-07	1.71E-05	9.61E-06
2772	490610.04, 3859410.04	6.06E-03	6.34E-06	3.67E-06	8.72E-07	8.53E-08	9.57E-07	5.92E-03	2.05E-06	6.18E-06	6.84E-08	8.01E-07	8.69E-07	1.65E-05	9.24E-06
2773	490660.04, 3859410.04	5.63E-03	5.88E-06	3.40E-06	8.09E-07	7.91E-08	8.88E-07	5.49E-03	1.90E-06	5.74E-06	6.35E-08	7.44E-07	8.07E-07	1.60E-05	8.90E-06
2774	490710.04, 3859410.04	5.26E-03	5.50E-06	3.18E-06	7.57E-07	7.40E-08	8.30E-07	5.14E-03	1.78E-06	5.37E-06	5.94E-08	6.96E-07	7.56E-07	1.55E-05	8.60E-06
2775	490760.04, 3859410.04	4.89E-03	5.11E-06	2.96E-06	7.04E-07	6.88E-08	7.73E-07	4.78E-03	1.66E-06	5.00E-06	5.53E-08	6.48E-07	7.03E-07	1.51E-05	8.32E-06
2776	490810.04, 3859410.04	4.69E-03	4.90E-06	2.84E-06	6.75E-07	6.60E-08	7.41E-07	4.59E-03	1.59E-06	4.79E-06	5.30E-08	6.21E-07	6.74E-07	1.47E-05	8.09E-06
2777	490860.04, 3859410.04	4.53E-03	4.73E-06	2.74E-06	6.51E-07	6.37E-08	7.15E-07	4.43E-03	1.53E-06	4.63E-06	5.12E-08	6.00E-07	6.51E-07	1.43E-05	7.87E-06
2778	490360.04, 3859460.04	1.02E-02	1.07E-05	6.20E-06	1.47E-06	1.44E-07	1.62E-06	9.88E-03	3.42E-06	1.03E-05	1.14E-07	1.34E-06	1.45E-06	2.24E-05	1.29E-05
2779	490410.04, 3859460.04	9.36E-03	9.78E-06	5.66E-06	1.35E-06	1.32E-07	1.48E-06	9.05E-03	3.13E-06	9.46E-06	1.05E-07	1.23E-06	1.33E-06	2.10E-05	1.21E-05
2780	490460.04, 3859460.04	8.66E-03	9.06E-06	5.24E-06	1.25E-06	1.22E-07	1.37E-06	8.39E-03	2.90E-06	8.77E-06	9.70E-08	1.14E-06	1.23E-06	1.99E-05	1.14E-05
2781	490510.04, 3859460.04	8.04E-03	8.41E-06	4.87E-06	1.16E-06	1.13E-07	1.27E-06	7.79E-03	2.70E-06	8.14E-06	9.01E-08	1.06E-06	1.15E-06	1.90E-05	1.08E-05
2782	490560.04, 3859460.04	7.50E-03	7.84E-06	4.54E-06	1.08E-06	1.05E-07	1.18E-06	7.27E-03	2.52E-06	7.60E-06	8.41E-08	9.85E-07	1.07E-06	1.81E-05	1.03E-05
2783	490610.04, 3859460.04	6.98E-03	7.30E-06	4.22E-06	1.00E-06	9.82E-08	1.10E-06	6.78E-03	2.35E-06	7.08E-06	7.83E-08	9.18E-07	9.96E-07	1.74E-05	9.85E-06
2784	490660.04, 3859460.04	6.50E-03	6.79E-06	3.93E-06	9.34E-07	9.14E-08	1.03E-06	6.31E-03	2.18E-06	6.60E-06	7.30E-08	8.55E-07	9.28E-07	1.68E-05	9.45E-06
2785	490710.04, 3859460.04	6.10E-03	6.37E-06	3.69E-06	8.77E-07	8.58E-08	9.63E-07	5.93E-03	2.05E-06	6.20E-06	6.85E-08	8.03E-07	8.71E-07	1.62E-05	9.08E-06
2786	490760.04, 3859460.04	5.71E-03	5.97E-06	3.46E-06	8.22E-07	8.04E-08	9.02E-07	5.56E-03	1.92E-06	5.81E-06	6.43E-08	7.53E-07	8.17E-07	1.57E-05	8.76E-06

2787	490810.04, 3859460.04	5.37E-03	5.61E-06	3.25E-06	7.72E-07	7.55E-08	8.48E-07	5.23E-03	1.81E-06	5.46E-06	6.04E-08	7.08E-07	7.68E-07	1.52E-05	8.47E-06
2788	490860.04, 3859460.04	5.14E-03	5.37E-06	3.11E-06	7.38E-07	7.22E-08	8.11E-07	5.00E-03	1.73E-06	5.23E-06	5.78E-08	6.77E-07	7.35E-07	1.48E-05	8.21E-06
2789	490360.04, 3859510.04	1.28E-02	1.34E-05	7.77E-06	1.85E-06	1.80E-07	2.03E-06	1.23E-02	4.27E-06	1.29E-05	1.43E-07	1.67E-06	1.81E-06	2.60E-05	1.52E-05
2790	490410.04, 3859510.04	1.16E-02	1.21E-05	7.03E-06	1.67E-06	1.63E-07	1.83E-06	1.12E-02	3.87E-06	1.17E-05	1.29E-07	1.51E-06	1.64E-06	2.39E-05	1.39E-05
2791	490460.04, 3859510.04	1.05E-02	1.10E-05	6.38E-06	1.52E-06	1.48E-07	1.66E-06	1.01E-02	3.51E-06	1.06E-05	1.17E-07	1.37E-06	1.49E-06	2.22E-05	1.29E-05
2792	490510.04, 3859510.04	9.67E-03	1.01E-05	5.85E-06	1.39E-06	1.36E-07	1.53E-06	9.32E-03	3.23E-06	9.74E-06	1.08E-07	1.26E-06	1.37E-06	2.09E-05	1.21E-05
2793	490560.04, 3859510.04	8.93E-03	9.33E-06	5.40E-06	1.28E-06	1.26E-07	1.41E-06	8.61E-03	2.98E-06	9.00E-06	9.95E-08	1.17E-06	1.27E-06	1.97E-05	1.13E-05
2794	490610.04, 3859510.04	8.24E-03	8.62E-06	4.99E-06	1.19E-06	1.16E-07	1.30E-06	7.95E-03	2.75E-06	8.31E-06	9.20E-08	1.08E-06	1.17E-06	1.87E-05	1.07E-05
2795	490660.04, 3859510.04	7.64E-03	7.98E-06	4.62E-06	1.10E-06	1.07E-07	1.21E-06	7.38E-03	2.55E-06	7.71E-06	8.53E-08	9.99E-07	1.08E-06	1.79E-05	1.02E-05
2796	490710.04, 3859510.04	7.09E-03	7.41E-06	4.29E-06	1.02E-06	9.98E-08	1.12E-06	6.86E-03	2.37E-06	7.17E-06	7.93E-08	9.29E-07	1.01E-06	1.72E-05	9.74E-06
2797	490760.04, 3859510.04	6.62E-03	6.92E-06	4.00E-06	9.52E-07	9.31E-08	1.04E-06	6.41E-03	2.22E-06	6.70E-06	7.40E-08	8.67E-07	9.41E-07	1.65E-05	9.33E-06
2798	490810.04, 3859510.04	6.23E-03	6.51E-06	3.77E-06	8.96E-07	8.76E-08	9.84E-07	6.03E-03	2.09E-06	6.31E-06	6.97E-08	8.17E-07	8.87E-07	1.59E-05	8.98E-06
2799	490860.04, 3859510.04	5.86E-03	6.12E-06	3.54E-06	8.42E-07	8.24E-08	9.25E-07	5.68E-03	1.96E-06	5.93E-06	6.56E-08	7.69E-07	8.34E-07	1.54E-05	8.65E-06
2800	490360.04, 3859560.04	1.71E-02	1.79E-05	1.04E-05	2.46E-06	2.41E-07	2.70E-06	1.64E-02	5.67E-06	1.71E-05	1.89E-07	2.22E-06	2.41E-06	3.46E-05	2.02E-05
2801	490410.04, 3859560.04	1.52E-02	1.59E-05	9.19E-06	2.18E-06	2.13E-07	2.40E-06	1.45E-02	5.03E-06	1.52E-05	1.68E-07	1.97E-06	2.13E-06	3.00E-05	1.76E-05
2802	490460.04, 3859560.04	1.36E-02	1.42E-05	8.20E-06	1.95E-06	1.91E-07	2.14E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	2.66E-05	1.56E-05
2803	490510.04, 3859560.04	1.21E-02	1.26E-05	7.32E-06	1.74E-06	1.70E-07	1.91E-06	1.16E-02	4.01E-06	1.21E-05	1.34E-07	1.57E-06	1.70E-06	2.41E-05	1.41E-05
2804	490560.04, 3859560.04	1.10E-02	1.15E-05	6.66E-06	1.58E-06	1.55E-07	1.74E-06	1.06E-02	3.65E-06	1.10E-05	1.22E-07	1.43E-06	1.55E-06	2.23E-05	1.30E-05
2805	490610.04, 3859560.04	1.00E-02	1.05E-05	6.07E-06	1.44E-06	1.41E-07	1.58E-06	9.63E-03	3.33E-06	1.01E-05	1.11E-07	1.30E-06	1.42E-06	2.08E-05	1.21E-05
2806	490660.04, 3859560.04	9.21E-03	9.62E-06	5.57E-06	1.32E-06	1.29E-07	1.45E-06	8.84E-03	3.06E-06	9.24E-06	1.02E-07	1.20E-06	1.30E-06	1.96E-05	1.13E-05
2807	490710.04, 3859560.04	8.47E-03	8.85E-06	5.12E-06	1.22E-06	1.19E-07	1.34E-06	8.13E-03	2.82E-06	8.50E-06	9.40E-08	1.10E-06	1.20E-06	1.85E-05	1.07E-05
2808	490760.04, 3859560.04	7.77E-03	8.12E-06	4.70E-06	1.12E-06	1.09E-07	1.23E-06	7.47E-03	2.59E-06	7.81E-06	8.64E-08	1.01E-06	1.10E-06	1.76E-05	1.01E-05
2809	490810.04, 3859560.04	7.21E-03	7.54E-06	4.36E-06	1.04E-06	1.01E-07	1.14E-06	6.94E-03	2.40E-06	7.26E-06	8.03E-08	9.40E-07	1.02E-06	1.69E-05	9.63E-06
2810	490860.04, 3859560.04	6.71E-03	7.02E-06	4.06E-06	9.65E-07	9.44E-08	1.06E-06	6.47E-03	2.24E-06	6.76E-06	7.48E-08	8.76E-07	9.51E-07	1.62E-05	9.22E-06
2811	490187.25, 3859422.08	1.23E-02	1.28E-05	7.43E-06	1.76E-06	1.73E-07	1.94E-06	1.18E-02	4.08E-06	1.23E-05	1.36E-07	1.60E-06	1.73E-06	2.74E-05	1.57E-05
2812	490237.25, 3859422.08	1.11E-02	1.16E-05	6.70E-06	1.59E-06	1.56E-07	1.75E-06	1.07E-02	3.70E-06	1.12E-05	1.23E-07	1.45E-06	1.57E-06	2.49E-05	1.43E-05
2813	490287.25, 3859422.08	1.01E-02	1.05E-05	6.10E-06	1.45E-06	1.42E-07	1.59E-06	9.74E-03	3.37E-06	1.02E-05	1.13E-07	1.32E-06	1.43E-06	2.30E-05	1.32E-05
2814	490337.25, 3859422.08	9.21E-03	9.63E-06	5.57E-06	1.32E-06	1.30E-07	1.45E-06	8.92E-03	3.09E-06	9.32E-06	1.03E-07	1.21E-06	1.31E-06	2.14E-05	1.22E-05
2815	490187.25, 3859472.08	1.55E-02	1.62E-05	9.37E-06	2.23E-06	2.18E-07	2.44E-06	1.48E-02	5.14E-06	1.55E-05	1.72E-07	2.01E-06	2.18E-06	3.42E-05	1.97E-05
2816	490237.25, 3859472.08	1.38E-02	1.44E-05	8.34E-06	1.98E-06	1.94E-07	2.18E-06	1.32E-02	4.58E-06	1.38E-05	1.53E-07	1.79E-06	1.95E-06	2.92E-05	1.69E-05
2817	490287.25, 3859472.08	1.24E-02	1.29E-05	7.48E-06	1.78E-06	1.74E-07	1.95E-06	1.19E-02	4.12E-06	1.24E-05	1.37E-07	1.61E-06	1.75E-06	2.60E-05	1.51E-05
2818	490337.25, 3859472.08	1.12E-02	1.17E-05	6.79E-06	1.61E-06	1.58E-07	1.77E-06	1.08E-02	3.74E-06	1.13E-05	1.25E-07	1.46E-06	1.59E-06	2.38E-05	1.38E-05
2819	490297.07, 3859500.42	1.39E-02	1.45E-05	8.42E-06	2.00E-06	1.96E-07	2.20E-06	1.34E-02	4.63E-06	1.40E-05	1.55E-07	1.81E-06	1.97E-06	2.81E-05	1.64E-05
2820	490327.07, 3859500.42	1.31E-02	1.37E-05	7.93E-06	1.89E-06	1.84E-07	2.07E-06	1.26E-02	4.36E-06	1.32E-05	1.46E-07	1.71E-06	1.85E-06	2.65E-05	1.55E-05
2821	490297.07, 3859530.42	1.66E-02	1.73E-05	1.00E-05	2.38E-06	2.33E-07	2.62E-06	1.59E-02	5.51E-06	1.66E-05	1.84E-07	2.15E-06	2.34E-06	3.32E-05	1.94E-05
2822	490327.07, 3859530.42	1.54E-02	1.61E-05	9.33E-06	2.22E-06	2.17E-07	2.44E-06	1.48E-02	5.12E-06	1.55E-05	1.71E-07	2.00E-06	2.18E-06	3.09E-05	1.81E-05
2823	490319.73, 3859055.34	4.31E-03	4.50E-06	2.61E-06	6.19E-07	6.06E-08	6.80E-07	4.32E-03	1.49E-06	4.51E-06	4.99E-08	5.85E-07	6.35E-07	1.56E-05	8.46E-06
2824	490319.73, 3859105.34	4.60E-03	4.81E-06	2.79E-06	6.62E-07	6.47E-08	7.27E-07	4.60E-03	1.59E-06	4.80E-06	5.31E-08	6.22E-07	6.76E-07	1.60E-05	8.70E-06
2825	490069.73, 3859155.34	6.58E-03	6.88E-06	3.98E-06	9.47E-07	9.26E-08	1.04E-06	6.52E-03	2.26E-06	6.81E-06	7.53E-08	8.83E-07	9.58E-07	1.93E-05	1.07E-05
2826	490119.73, 3859155.34	6.21E-03	6.49E-06	3.76E-06	8.93E-07	8.73E-08	9.80E-07	6.15E-03	2.13E-06	6.43E-06	7.11E-08	8.33E-07	9.04E-07	1.86E-05	1.03E-05
2827	490269.73, 3859155.34	5.30E-03	5.54E-06	3.21E-06	7.62E-07	7.45E-08	8.36E-07	5.27E-03	1.82E-06	5.50E-06	6.09E-08	7.13E-07	7.74E-07	1.69E-05	9.27E-06
2828	490319.73, 3859155.34	4.99E-03	5.21E-06	3.02E-06	7.17E-07	7.01E-08	7.87E-07	4.96E-03	1.72E-06	5.18E-06	5.73E-08	6.71E-07	7.29E-07	1.64E-05	8.99E-06
2829	490069.73, 3859205.34	7.45E-03	7.79E-06	4.51E-06	1.07E-06	1.05E-07	1.18E-06	7.33E-03	2.54E-06	7.66E-06	8.47E-08	9.92E-07	1.08E-06	2.04E-05	1.14E-05
2830	490119.73, 3859205.34	7.02E-03	7.34E-06	4.25E-06	1.01E-06	9.87E-08	1.11E-06	6.91E-03	2.39E-06	7.23E-06	7.99E-08	9.36E-07	1.02E-06	1.95E-05	1.09E-05
2831	490169.73, 3859205.34	6.60E-03	6.90E-06	3.99E-06	9.49E-07	9.28E-08	1.04E-06	6.51E-03	2.25E-06	6.80E-06	7.52E-08	8.81E-07	9.57E-07	1.87E-05	1.04E-05
2832	490219.73, 3859205.34	6.17E-03	6.45E-06	3.73E-06	8.87E-07	8.67E-08	9.73E-07	6.09E-03	2.11E-06	6.37E-06	7.04E-08	8.25E-07	8.95E-07	1.81E-05	1.00E-05
2833	490269.73, 3859205.34	5.75E-03	6.01E-06	3.48E-06	8.27E-07	8.09E-08	9.08E-07	5.68E-03	1.97E-06	5.94E-06	6.57E-08	7.70E-07	8.36E-07	1.75E-05	9.66E-06
2834	490319.73, 3859205.34	5.43E-03	5.67E-06	3.28E-06	7.80E-07	7.63E-08	8.57E-07	5.37E-03	1.86E-06	5.61E-06	6.21E-08	7.27E-07	7.89E-07	1.70E-05	9.33E-06
2835	490069.73, 3859255.34	8.50E-03	8.89E-06	5.15E-06	1.22E-06	1.20E-07	1.34E-06	8.31E-03	2.88E-06	8.68E-06	9.60E-08	1.13E-06	1.22E-06	2.17E-05	1.22E-05
2836	490119.73, 3859255.34	7.93E-03	8.29E-06	4.80E-06	1.14E-06	1.12E-07	1.25E-06	7.77E-03	2.69E-06	8.12E-06	8.98E-08	1.05E-06	1.14E-06	2.06E-05	1.16E-05
2837	490169.73, 3859255.34	7.41E-03	7.75E-06	4.48E-06	1.07E-06	1.04E-07	1.17E-06	7.26E-03	2.51E-06	7.59E-06	8.40E-08	9.84E-07	1.07E-06	1.97E-05	1.11E-05
2838	490219.73, 3859255.34	6.88E-03	7.20E-06	4.17E-06	9.90E-07	9.68E-08	1.09E-06	6.76E-03	2.34E-06	7.07E-06	7.82E-08	9.16E-07	9.94E-07	1.89E-05	1.06E-05
2839	490269.73, 3859255.34	6.41E-03	6.70E-06	3.88E-06	9.21E-07	9.01E-08	1.01E-06	6.30E-03	2.18E-06	6.58E-06	7.28E-08	8.53E-07	9.26E-07	1.82E-05	1.02E-05
2840	490319.73, 3859255.34	6.01E-03	6.28E-06	3.63E-06	8.64E-07	8.45E-08	9.48E-07	5.91E-03	2.05E-06	6.18E-06	6.83E-08	8.01E-07	8.69E-07	1.76E-05	9.77E-06
2841	490069.73, 3859305.34	9.92E-03	1.04E-05	6.00E-06	1.43E-06	1.39E-07	1.57E-06	9.62E-03	3.33E-06	1.01E-05	1.11E-07	1.30E-06	1.41E-06	2.36E-05	1.35E-05
2842	490119.73, 3859305.34	9.16E-03	9.57E-06	5.54E-06	1.32E-06	1.29E-07	1.45E-06	8.90E-03	3.08E-06	9.30E-06	1.03E-07	1.20E-06	1.31E-06	2.23E-05	1.26E-05
2843	490169.73, 3859305.34	8.47E-03	8.85E-06	5.12E-06	1.22E-06	1.19E-07	1.34E-06	8.24E-03	2.85E-06	8.62E-06	9.53E-08	1.12E-06	1.21E-06	2.11E-05	1.19E-05
2844	490219.73, 3859305.34	7.83E-03	8.18E-06	4.74E-06	1.13E-06	1.10E-07	1.24E-06	7.64E-03	2.64E-06	7.99E-06	8.83E-08	1.03E-06	1.12E-06	2.01E-05	1.13E-05
2845	490269.73, 3859305.34	7.25E-03	7.58E-06	4.39E-06	1.04E-06	1.02E-07	1.14E-06	7.09E-03	2.45E-06	7.41E-06	8.20E-08	9.60E-07	1.04E-06	1.93E-05	1.08E-05
2846	490319.73, 3859305.34	6.72E-03	7.02E-06	4.07E-06	9.66E-07	9.45E-08	1.06E-06	6.58E-03	2.28E-06	6.88E-06	7.60E-08	8.91E-07	9.67E-07	1.85E-05	1.03E-05
2847	490069.73, 3859355.34	1.19E-02	1.25E-05	7.23E-06	1.72E-06	1.68E-07	1.89E-06	1.15E-02	3.98E-06	1.20E-05	1.33E-07	1.56E-06	1.69E-06	2.71E-05	1.55E-05
2848	490119.73, 3859355.34	1.09E-02	1.13E-05	6.57E-06	1.56E-06	1.53E-07	1.71E-06	1.05E-02	3.63E-06	1.10E-05	1.21E-07	1.42E-06	1.54E-06	2.49E-05	1.43E-05

2849	490169.73, 3859355.34	9.91E-03	1.04E-05	6.00E-06	1.42E-06	1.39E-07	1.56E-06	9.59E-03	3.32E-06	1.00E-05	1.11E-07	1.30E-06	1.41E-06	2.32E-05	1.33E-05
2850	490219.73, 3859355.34	9.06E-03	9.47E-06	5.48E-06	1.30E-06	1.27E-07	1.43E-06	8.79E-03	3.04E-06	9.18E-06	1.02E-07	1.19E-06	1.29E-06	2.19E-05	1.24E-05
2851	490269.73, 3859355.34	8.35E-03	8.72E-06	5.05E-06	1.20E-06	1.17E-07	1.32E-06	8.11E-03	2.81E-06	8.48E-06	9.38E-08	1.10E-06	1.19E-06	2.07E-05	1.17E-05
2852	490319.73, 3859355.34	7.69E-03	8.04E-06	4.65E-06	1.11E-06	1.08E-07	1.21E-06	7.49E-03	2.59E-06	7.83E-06	8.66E-08	1.01E-06	1.10E-06	1.97E-05	1.11E-05
2853	490069.73, 3859405.34	1.49E-02	1.56E-05	9.02E-06	2.14E-06	2.10E-07	2.35E-06	1.43E-02	4.94E-06	1.49E-05	1.65E-07	1.93E-06	2.10E-06	3.37E-05	1.93E-05
2854	490119.73, 3859405.34	1.32E-02	1.38E-05	8.01E-06	1.90E-06	1.86E-07	2.09E-06	1.27E-02	4.40E-06	1.33E-05	1.47E-07	1.72E-06	1.87E-06	2.96E-05	1.70E-05
2855	490169.73, 3859405.34	1.19E-02	1.24E-05	7.19E-06	1.71E-06	1.67E-07	1.88E-06	1.14E-02	3.96E-06	1.20E-05	1.32E-07	1.55E-06	1.68E-06	2.67E-05	1.53E-05
2856	490219.73, 3859405.34	1.08E-02	1.13E-05	6.51E-06	1.55E-06	1.51E-07	1.70E-06	1.04E-02	3.59E-06	1.09E-05	1.20E-07	1.41E-06	1.53E-06	2.45E-05	1.40E-05
2857	490269.73, 3859405.34	9.78E-03	1.02E-05	5.92E-06	1.41E-06	1.38E-07	1.54E-06	9.46E-03	3.27E-06	9.88E-06	1.09E-07	1.28E-06	1.39E-06	2.27E-05	1.30E-05
2858	490319.73, 3859405.34	8.95E-03	9.35E-06	5.41E-06	1.29E-06	1.26E-07	1.41E-06	8.67E-03	3.00E-06	9.06E-06	1.00E-07	1.17E-06	1.27E-06	2.13E-05	1.21E-05
2859	490161.89, 3859541.83	2.70E-02	2.83E-05	1.64E-05	3.89E-06	3.80E-07	4.27E-06	2.59E-02	8.98E-06	2.71E-05	3.00E-07	3.51E-06	3.81E-06	4.19E-05	2.57E-05
2860	490171.89, 3859541.83	2.61E-02	2.73E-05	1.58E-05	3.75E-06	3.67E-07	4.12E-06	2.50E-02	8.66E-06	2.62E-05	2.89E-07	3.39E-06	3.68E-06	4.13E-05	2.52E-05
2861	490161.89, 3859551.83	2.99E-02	3.12E-05	1.81E-05	4.29E-06	4.20E-07	4.71E-06	2.87E-02	9.92E-06	2.99E-05	3.31E-07	3.88E-06	4.21E-06	4.26E-05	2.66E-05
2862	490171.89, 3859551.83	2.87E-02	3.00E-05	1.74E-05	4.13E-06	4.04E-07	4.53E-06	2.76E-02	9.54E-06	2.88E-05	3.19E-07	3.73E-06	4.05E-06	4.20E-05	2.61E-05
2863	489799.72, 3859348.21	2.58E-02	2.70E-05	1.56E-05	3.71E-06	3.63E-07	4.08E-06	2.43E-02	8.43E-06	2.54E-05	2.81E-07	3.30E-06	3.58E-06	4.46E-05	2.67E-05
2864	489819.72, 3859348.21	2.37E-02	2.48E-05	1.43E-05	3.41E-06	3.33E-07	3.74E-06	2.24E-02	7.75E-06	2.34E-05	2.59E-07	3.03E-06	3.29E-06	4.33E-05	2.57E-05
2865	489799.72, 3859368.21	3.09E-02	3.22E-05	1.87E-05	4.44E-06	4.34E-07	4.87E-06	2.89E-02	1.00E-05	3.02E-05	3.34E-07	3.92E-06	4.25E-06	4.81E-05	2.94E-05
2866	489819.72, 3859368.21	2.79E-02	2.91E-05	1.69E-05	4.01E-06	3.92E-07	4.40E-06	2.62E-02	9.08E-06	2.74E-05	3.03E-07	3.55E-06	3.85E-06	4.67E-05	2.81E-05
2867	489775.41, 3859329.72	2.48E-02	2.59E-05	1.50E-05	3.56E-06	3.49E-07	3.91E-06	2.34E-02	8.10E-06	2.45E-05	2.70E-07	3.17E-06	3.44E-06	4.46E-05	2.65E-05
2868	489795.41, 3859329.72	2.28E-02	2.38E-05	1.38E-05	3.28E-06	3.21E-07	3.60E-06	2.16E-02	7.47E-06	2.26E-05	2.49E-07	2.92E-06	3.17E-06	4.30E-05	2.53E-05
2869	489775.41, 3859349.72	2.94E-02	3.07E-05	1.78E-05	4.23E-06	4.13E-07	4.64E-06	2.76E-02	9.55E-06	2.88E-05	3.19E-07	3.74E-06	4.06E-06	4.67E-05	2.84E-05
2870	489795.41, 3859349.72	2.67E-02	2.79E-05	1.61E-05	3.83E-06	3.75E-07	4.21E-06	2.51E-02	8.69E-06	2.62E-05	2.90E-07	3.40E-06	3.69E-06	4.52E-05	2.72E-05
2871	489595.05, 3859219.43	2.27E-02	2.38E-05	1.38E-05	3.27E-06	3.20E-07	3.59E-06	2.15E-02	7.45E-06	2.25E-05	2.49E-07	2.92E-06	3.16E-06	4.48E-05	2.62E-05
2872	489615.05, 3859219.43	2.10E-02	2.19E-05	1.27E-05	3.02E-06	2.95E-07	3.31E-06	1.99E-02	6.90E-06	2.08E-05	2.30E-07	2.70E-06	2.93E-06	4.33E-05	2.52E-05
2873	489595.05, 3859239.43	2.66E-02	2.78E-05	1.61E-05	3.83E-06	3.74E-07	4.20E-06	2.51E-02	8.69E-06	2.62E-05	2.90E-07	3.40E-06	3.69E-06	4.73E-05	2.82E-05
2874	489615.05, 3859239.43	2.43E-02	2.54E-05	1.47E-05	3.49E-06	3.41E-07	3.83E-06	2.30E-02	7.96E-06	2.40E-05	2.66E-07	3.11E-06	3.38E-06	4.60E-05	2.71E-05
2875	489372.4, 3859092.58	2.28E-02	2.38E-05	1.38E-05	3.27E-06	3.20E-07	3.59E-06	2.09E-02	7.24E-06	2.18E-05	2.42E-07	2.83E-06	3.07E-06	4.23E-05	2.50E-05
2876	489422.4, 3859092.58	1.88E-02	1.96E-05	1.14E-05	2.70E-06	2.64E-07	2.96E-06	1.76E-02	6.08E-06	1.83E-05	2.03E-07	2.38E-06	2.58E-06	4.05E-05	2.33E-05
2877	489372.4, 3859142.58	3.56E-02	3.72E-05	2.15E-05	5.12E-06	5.00E-07	5.62E-06	3.16E-02	1.09E-05	3.30E-05	3.65E-07	4.28E-06	4.65E-06	5.01E-05	3.10E-05
2878	489422.4, 3859142.58	2.70E-02	2.83E-05	1.64E-05	3.89E-06	3.80E-07	4.27E-06	2.47E-02	8.56E-06	2.58E-05	2.86E-07	3.35E-06	3.63E-06	4.68E-05	2.79E-05
2879	488870.84, 3858666.64	1.39E-02	1.45E-05	8.39E-06	2.00E-06	1.95E-07	2.19E-06	1.02E-02	3.55E-06	1.07E-05	1.18E-07	1.39E-06	1.51E-06	4.49E-05	2.42E-05
2880	488900.84, 3858666.64	1.27E-02	1.33E-05	7.67E-06	1.82E-06	1.78E-07	2.00E-06	9.71E-03	3.36E-06	1.01E-05	1.12E-07	1.31E-06	1.43E-06	4.18E-05	2.25E-05
2881	488870.84, 3858696.64	1.58E-02	1.65E-05	9.54E-06	2.27E-06	2.22E-07	2.49E-06	1.14E-02	3.95E-06	1.19E-05	1.32E-07	1.54E-06	1.68E-06	4.36E-05	2.39E-05
2882	488900.84, 3858696.64	1.43E-02	1.49E-05	8.63E-06	2.05E-06	2.01E-07	2.25E-06	1.07E-02	3.72E-06	1.12E-05	1.24E-07	1.45E-06	1.58E-06	4.06E-05	2.22E-05
2883	488889.67, 3858683.97	1.40E-02	1.46E-05	8.48E-06	2.01E-06	1.97E-07	2.21E-06	1.05E-02	3.63E-06	1.10E-05	1.21E-07	1.42E-06	1.54E-06	4.20E-05	2.28E-05
2884	488919.67, 3858683.97	1.28E-02	1.34E-05	7.76E-06	1.84E-06	1.80E-07	2.02E-06	9.93E-03	3.44E-06	1.04E-05	1.15E-07	1.34E-06	1.46E-06	3.96E-05	2.15E-05
2885	488889.67, 3858713.97	1.60E-02	1.68E-05	9.70E-06	2.31E-06	2.25E-07	2.53E-06	1.17E-02	4.06E-06	1.22E-05	1.35E-07	1.59E-06	1.72E-06	4.15E-05	2.29E-05
2886	488919.67, 3858713.97	1.45E-02	1.52E-05	8.78E-06	2.09E-06	2.04E-07	2.29E-06	1.10E-02	3.81E-06	1.15E-05	1.27E-07	1.49E-06	1.62E-06	3.90E-05	2.15E-05
2887	488906.61, 3858703.33	1.44E-02	1.51E-05	8.73E-06	2.07E-06	2.03E-07	2.28E-06	1.09E-02	3.76E-06	1.14E-05	1.26E-07	1.47E-06	1.60E-06	4.01E-05	2.20E-05
2888	488936.61, 3858703.33	1.32E-02	1.38E-05	7.97E-06	1.89E-06	1.85E-07	2.08E-06	1.03E-02	3.55E-06	1.07E-05	1.19E-07	1.39E-06	1.51E-06	3.81E-05	2.08E-05
2889	488906.61, 3858733.33	1.66E-02	1.74E-05	1.01E-05	2.39E-06	2.34E-07	2.62E-06	1.22E-02	4.21E-06	1.27E-05	1.41E-07	1.65E-06	1.79E-06	4.02E-05	2.23E-05
2890	488936.61, 3858733.33	1.50E-02	1.57E-05	9.08E-06	2.16E-06	2.11E-07	2.37E-06	1.14E-02	3.95E-06	1.19E-05	1.32E-07	1.55E-06	1.68E-06	3.80E-05	2.11E-05
2891	488637.63, 3858467.85	1.45E-02	1.51E-05	8.77E-06	2.08E-06	2.04E-07	2.29E-06	8.29E-03	2.87E-06	8.66E-06	9.58E-08	1.12E-06	1.22E-06	4.86E-05	2.58E-05
2892	488662.63, 3858467.85	1.33E-02	1.39E-05	8.06E-06	1.92E-06	1.87E-07	2.10E-06	8.00E-03	2.77E-06	8.36E-06	9.25E-08	1.08E-06	1.18E-06	4.58E-05	2.43E-05
2893	488637.63, 3858492.85	1.60E-02	1.67E-05	9.70E-06	2.30E-06	2.25E-07	2.53E-06	8.89E-03	3.08E-06	9.29E-06	1.03E-07	1.20E-06	1.31E-06	4.81E-05	2.58E-05
2894	488662.63, 3858492.85	1.46E-02	1.53E-05	8.83E-06	2.10E-06	2.05E-07	2.30E-06	8.55E-03	2.96E-06	8.94E-06	9.89E-08	1.16E-06	1.26E-06	4.58E-05	2.45E-05
2895	488687.63, 3858492.85	1.34E-02	1.40E-05	8.11E-06	1.93E-06	1.88E-07	2.12E-06	8.24E-03	2.85E-06	8.61E-06	9.52E-08	1.12E-06	1.21E-06	4.45E-05	2.37E-05
2896	488637.63, 3858517.85	1.79E-02	1.88E-05	1.09E-05	2.58E-06	2.52E-07	2.83E-06	9.60E-03	3.32E-06	1.00E-05	1.11E-07	1.30E-06	1.41E-06	4.96E-05	2.67E-05
2897	488662.63, 3858517.85	1.62E-02	1.69E-05	9.78E-06	2.32E-06	2.27E-07	2.55E-06	9.20E-03	3.19E-06	9.62E-06	1.06E-07	1.25E-06	1.35E-06	4.76E-05	2.56E-05
2898	488687.63, 3858517.85	1.47E-02	1.54E-05	8.90E-06	2.12E-06	2.07E-07	2.32E-06	8.84E-03	3.06E-06	9.24E-06	1.02E-07	1.20E-06	1.30E-06	4.65E-05	2.49E-05
2899	488194.42, 3857168.98	3.53E-03	3.69E-06	2.14E-06	5.08E-07	4.97E-08	5.58E-07	2.17E-03	7.52E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	2.88E-05	1.46E-05
2900	488244.42, 3857168.98	3.41E-03	3.56E-06	2.06E-06	4.90E-07	4.80E-08	5.38E-07	2.16E-03	7.47E-07	2.25E-06	2.49E-08	2.92E-07	3.17E-07	2.66E-05	1.35E-05
2901	488294.42, 3857168.98	3.30E-03	3.44E-06	1.99E-06	4.74E-07	4.63E-08	5.20E-07	2.14E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	2.49E-05	1.26E-05
2902	488244.42, 3857218.98	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	2.21E-03	7.66E-07	2.31E-06	2.56E-08	3.00E-07	3.25E-07	2.81E-05	1.43E-05
2903	488294.42, 3857218.98	3.42E-03	3.57E-06	2.07E-06	4.91E-07	4.80E-08	5.39E-07	2.19E-03	7.59E-07	2.29E-06	2.54E-08	2.97E-07	3.22E-07	2.61E-05	1.32E-05
2904	488294.42, 3857268.98	3.55E-03	3.71E-06	2.15E-06	5.10E-07	4.99E-08	5.60E-07	2.26E-03	7.82E-07	2.36E-06	2.61E-08	3.06E-07	3.32E-07	2.70E-05	1.37E-05
2905	488139.13, 3857111.68	3.52E-03	3.68E-06	2.13E-06	5.07E-07	4.95E-08	5.56E-07	2.13E-03	7.37E-07	2.23E-06	2.46E-08	2.89E-07	3.13E-07	2.88E-05	1.45E-05
2906	488189.13, 3857111.68	3.40E-03	3.55E-06	2.06E-06	4.88E-07	4.78E-08	5.36E-07	2.12E-03	7.34E-07	2.22E-06	2.45E-08	2.87E-07	3.12E-07	2.66E-05	1.35E-05
2907	488189.13, 3857161.68	3.53E-03	3.69E-06	2.13E-06	5.07E-07	4.96E-08	5.57E-07	2.17E-03	7.50E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	2.88E-05	1.45E-05
2908	487951.04, 3856961.26	3.60E-03	3.76E-06	2.18E-06	5.17E-07	5.06E-08	5.68E-07	2.06E-03	7.13E-07	2.15E-06	2.38E-08	2.79E-07	3.03E-07	3.14E-05	1.58E-05
2909	488001.04, 3856961.26	3.47E-03	3.63E-06	2.10E-06	4.99E-07	4.88E-08	5.48E-07	2.04E-03	7.06E-07	2.13E-06	2.36E-08	2.76E-07	3.00E-07	2.84E-05	1.44E-05
2910	488051.04, 3856961.26	3.35E-03	3.51E-06	2.03E-06	4.82E-07	4.72E-08	5.30E-07	2.01E-03	6.96E-07	2.10E-06	2.33E-08	2.72E-07	2.96E-07	2.63E-05	1.33E-05

2911	488101.04, 3856961.26	3.24E-03	3.39E-06	1.96E-06	4.66E-07	4.56E-08	5.12E-07	2.00E-03	6.94E-07	2.09E-06	2.32E-08	2.71E-07	2.94E-07	2.45E-05	1.25E-05
2912	487951.04, 3857011.26	3.74E-03	3.91E-06	2.27E-06	5.38E-07	5.27E-08	5.91E-07	2.12E-03	7.34E-07	2.22E-06	2.45E-08	2.87E-07	3.12E-07	3.37E-05	1.70E-05
2913	488001.04, 3857011.26	3.61E-03	3.77E-06	2.18E-06	5.19E-07	5.07E-08	5.69E-07	2.09E-03	7.22E-07	2.18E-06	2.41E-08	2.83E-07	3.07E-07	3.06E-05	1.54E-05
2914	488051.04, 3857011.26	3.48E-03	3.64E-06	2.10E-06	5.00E-07	4.89E-08	5.49E-07	2.06E-03	7.13E-07	2.15E-06	2.38E-08	2.79E-07	3.03E-07	2.81E-05	1.42E-05
2915	488101.04, 3857011.26	3.36E-03	3.51E-06	2.03E-06	4.83E-07	4.72E-08	5.30E-07	2.05E-03	7.09E-07	2.14E-06	2.37E-08	2.77E-07	3.01E-07	2.60E-05	1.32E-05
2916	488001.04, 3857061.26	3.75E-03	3.92E-06	2.27E-06	5.40E-07	5.28E-08	5.92E-07	2.14E-03	7.42E-07	2.24E-06	2.48E-08	2.90E-07	3.15E-07	3.36E-05	1.69E-05
2917	488051.04, 3857061.26	3.61E-03	3.78E-06	2.19E-06	5.19E-07	5.08E-08	5.70E-07	2.12E-03	7.34E-07	2.22E-06	2.45E-08	2.87E-07	3.12E-07	3.04E-05	1.53E-05
2918	488101.04, 3857061.26	3.48E-03	3.64E-06	2.11E-06	5.01E-07	4.90E-08	5.50E-07	2.10E-03	7.27E-07	2.20E-06	2.43E-08	2.84E-07	3.09E-07	2.79E-05	1.41E-05
2919	487638.98, 3856673.79	3.63E-03	3.79E-06	2.20E-06	5.22E-07	5.11E-08	5.73E-07	1.91E-03	6.60E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	2.14E-05	1.10E-05
2920	487688.98, 3856673.79	3.50E-03	3.66E-06	2.12E-06	5.03E-07	4.92E-08	5.52E-07	1.89E-03	6.53E-07	1.97E-06	2.18E-08	2.55E-07	2.77E-07	2.10E-05	1.07E-05
2921	487638.98, 3856723.79	3.78E-03	3.95E-06	2.29E-06	5.43E-07	5.31E-08	5.97E-07	1.96E-03	6.77E-07	2.05E-06	2.26E-08	2.65E-07	2.88E-07	2.27E-05	1.16E-05
2922	487688.98, 3856723.79	3.64E-03	3.80E-06	2.20E-06	5.23E-07	5.11E-08	5.74E-07	1.93E-03	6.70E-07	2.02E-06	2.24E-08	2.62E-07	2.84E-07	2.24E-05	1.14E-05
2923	486324.61, 3855740.57	4.50E-03	4.71E-06	2.72E-06	6.47E-07	6.33E-08	7.11E-07	1.69E-03	5.86E-07	1.77E-06	1.96E-08	2.29E-07	2.49E-07	2.38E-05	1.21E-05
2924	486374.61, 3855740.57	4.21E-03	4.40E-06	2.55E-06	6.05E-07	5.92E-08	6.64E-07	1.64E-03	5.68E-07	1.71E-06	1.90E-08	2.22E-07	2.41E-07	2.32E-05	1.18E-05
2925	486424.61, 3855740.57	4.00E-03	4.18E-06	2.42E-06	5.75E-07	5.63E-08	6.32E-07	1.61E-03	5.57E-07	1.68E-06	1.86E-08	2.18E-07	2.36E-07	2.26E-05	1.15E-05
2926	486324.61, 3855790.57	4.75E-03	4.96E-06	2.87E-06	6.83E-07	6.68E-08	7.49E-07	1.73E-03	6.00E-07	1.81E-06	2.00E-08	2.35E-07	2.55E-07	2.48E-05	1.26E-05
2927	486374.61, 3855790.57	4.43E-03	4.63E-06	2.68E-06	6.37E-07	6.23E-08	6.99E-07	1.68E-03	5.82E-07	1.76E-06	1.94E-08	2.28E-07	2.47E-07	2.41E-05	1.23E-05
2928	486424.61, 3855790.57	4.22E-03	4.42E-06	2.56E-06	6.07E-07	5.94E-08	6.67E-07	1.66E-03	5.73E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	2.34E-05	1.19E-05
2929	486324.61, 3855840.57	5.03E-03	5.25E-06	3.04E-06	7.23E-07	7.07E-08	7.94E-07	1.77E-03	6.14E-07	1.85E-06	2.05E-08	2.40E-07	2.61E-07	2.58E-05	1.32E-05
2930	486374.61, 3855840.57	4.75E-03	4.96E-06	2.87E-06	6.83E-07	6.68E-08	7.50E-07	1.74E-03	6.02E-07	1.82E-06	2.01E-08	2.36E-07	2.56E-07	2.50E-05	1.28E-05
2931	486424.61, 3855840.57	4.48E-03	4.69E-06	2.71E-06	6.45E-07	6.31E-08	7.08E-07	1.70E-03	5.90E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	2.42E-05	1.24E-05
2932	486324.61, 3855890.57	5.44E-03	5.69E-06	3.29E-06	7.83E-07	7.66E-08	8.59E-07	1.84E-03	6.36E-07	1.92E-06	2.12E-08	2.49E-07	2.70E-07	2.69E-05	1.38E-05
2933	486374.61, 3855890.57	5.10E-03	5.33E-06	3.09E-06	7.34E-07	7.18E-08	8.06E-07	1.80E-03	6.23E-07	1.88E-06	2.08E-08	2.44E-07	2.65E-07	2.60E-05	1.33E-05
2934	486424.61, 3855890.57	4.79E-03	5.01E-06	2.90E-06	6.89E-07	6.74E-08	7.56E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	2.52E-05	1.28E-05
2935	488735.69, 3858285.64	7.18E-03	7.50E-06	4.34E-06	1.03E-06	1.01E-07	1.13E-06	5.12E-03	1.77E-06	5.35E-06	5.92E-08	6.94E-07	7.53E-07	4.06E-05	2.10E-05
2936	488765.69, 3858285.64	6.84E-03	7.15E-06	4.14E-06	9.84E-07	9.62E-08	1.08E-06	5.00E-03	1.73E-06	5.22E-06	5.78E-08	6.77E-07	7.34E-07	3.77E-05	1.95E-05
2937	488735.69, 3858315.64	7.59E-03	7.93E-06	4.59E-06	1.09E-06	1.07E-07	1.20E-06	5.38E-03	1.86E-06	5.62E-06	6.21E-08	7.28E-07	7.90E-07	3.93E-05	2.04E-05
2938	488765.69, 3858315.64	7.21E-03	7.54E-06	4.36E-06	1.04E-06	1.01E-07	1.14E-06	5.24E-03	1.81E-06	5.47E-06	6.05E-08	7.09E-07	7.69E-07	3.68E-05	1.91E-05
2939	478676.63, 3849871.93	6.40E-03	6.69E-06	3.87E-06	9.20E-07	9.00E-08	1.01E-06	6.11E-03	2.12E-06	6.39E-06	7.06E-08	8.28E-07	8.98E-07	5.71E-06	4.03E-06
2940	479326.63, 3849871.93	3.83E-03	4.00E-06	2.32E-06	5.50E-07	5.38E-08	6.04E-07	3.66E-03	1.27E-06	3.82E-06	4.23E-08	4.96E-07	5.38E-07	3.93E-06	2.66E-06
2941	479376.63, 3849871.93	3.71E-03	3.88E-06	2.25E-06	5.34E-07	5.22E-08	5.86E-07	3.55E-03	1.23E-06	3.71E-06	4.10E-08	4.80E-07	5.22E-07	3.84E-06	2.60E-06
2942	479426.63, 3849871.93	3.62E-03	3.79E-06	2.19E-06	5.21E-07	5.10E-08	5.72E-07	3.46E-03	1.20E-06	3.62E-06	4.00E-08	4.69E-07	5.09E-07	3.77E-06	2.54E-06
2943	478726.63, 3849921.93	6.73E-03	7.04E-06	4.08E-06	9.68E-07	9.47E-08	1.06E-06	6.44E-03	2.23E-06	6.73E-06	7.44E-08	8.71E-07	9.46E-07	6.02E-06	4.24E-06
2944	478776.63, 3849921.93	6.41E-03	6.70E-06	3.88E-06	9.22E-07	9.01E-08	1.01E-06	6.13E-03	2.12E-06	6.40E-06	7.08E-08	8.30E-07	9.00E-07	5.78E-06	4.06E-06
2945	478826.63, 3849921.93	6.11E-03	6.39E-06	3.70E-06	8.79E-07	8.59E-08	9.64E-07	5.84E-03	2.02E-06	6.10E-06	6.75E-08	7.91E-07	8.58E-07	5.57E-06	3.90E-06
2946	478976.63, 3849921.93	5.35E-03	5.59E-06	3.24E-06	7.70E-07	7.53E-08	8.45E-07	5.12E-03	1.77E-06	5.35E-06	5.92E-08	6.93E-07	7.52E-07	5.04E-06	3.50E-06
2947	479026.63, 3849921.93	5.16E-03	5.40E-06	3.12E-06	7.42E-07	7.26E-08	8.15E-07	4.94E-03	1.71E-06	5.16E-06	5.71E-08	6.69E-07	7.26E-07	4.89E-06	3.39E-06
2948	479076.63, 3849921.93	4.97E-03	5.19E-06	3.01E-06	7.15E-07	6.99E-08	7.85E-07	4.75E-03	1.65E-06	4.97E-06	5.50E-08	6.44E-07	6.99E-07	4.76E-06	3.29E-06
2949	479126.63, 3849921.93	4.78E-03	5.00E-06	2.89E-06	6.88E-07	6.73E-08	7.55E-07	4.58E-03	1.58E-06	4.78E-06	5.29E-08	6.20E-07	6.73E-07	4.63E-06	3.19E-06
2950	479176.63, 3849921.93	4.62E-03	4.83E-06	2.80E-06	6.64E-07	6.50E-08	7.29E-07	4.42E-03	1.53E-06	4.62E-06	5.11E-08	5.99E-07	6.50E-07	4.50E-06	3.10E-06
2951	479226.63, 3849921.93	4.43E-03	4.63E-06	2.68E-06	6.37E-07	6.23E-08	7.00E-07	4.24E-03	1.47E-06	4.43E-06	4.90E-08	5.74E-07	6.23E-07	4.39E-06	3.00E-06
2952	479276.63, 3849921.93	4.20E-03	4.39E-06	2.54E-06	6.04E-07	5.91E-08	6.63E-07	4.02E-03	1.39E-06	4.20E-06	4.65E-08	5.44E-07	5.91E-07	4.27E-06	2.90E-06
2953	479326.63, 3849921.93	4.15E-03	4.34E-06	2.51E-06	5.97E-07	5.84E-08	6.56E-07	3.97E-03	1.38E-06	4.15E-06	4.59E-08	5.38E-07	5.84E-07	4.18E-06	2.85E-06
2954	479376.63, 3849921.93	3.95E-03	4.13E-06	2.39E-06	5.68E-07	5.55E-08	6.23E-07	3.78E-03	1.31E-06	3.95E-06	4.36E-08	5.11E-07	5.55E-07	4.08E-06	2.76E-06
2955	479426.63, 3849921.93	3.88E-03	4.06E-06	2.35E-06	5.58E-07	5.46E-08	6.13E-07	3.71E-03	1.28E-06	3.88E-06	4.29E-08	5.03E-07	5.45E-07	4.00E-06	2.70E-06
2956	478726.63, 3849971.93	7.50E-03	7.84E-06	4.54E-06	1.08E-06	1.05E-07	1.18E-06	7.17E-03	2.48E-06	7.50E-06	8.29E-08	9.72E-07	1.05E-06	6.66E-06	4.71E-06
2957	478776.63, 3849971.93	7.10E-03	7.42E-06	4.30E-06	1.02E-06	9.99E-08	1.12E-06	6.79E-03	2.35E-06	7.10E-06	7.85E-08	9.19E-07	9.98E-07	6.36E-06	4.48E-06
2958	478826.63, 3849971.93	6.73E-03	7.04E-06	4.07E-06	9.68E-07	9.47E-08	1.06E-06	6.44E-03	2.23E-06	6.73E-06	7.44E-08	8.72E-07	9.46E-07	6.10E-06	4.28E-06
2959	478976.63, 3849971.93	5.86E-03	6.12E-06	3.54E-06	8.42E-07	8.24E-08	9.25E-07	5.60E-03	1.94E-06	5.86E-06	6.48E-08	7.59E-07	8.23E-07	5.46E-06	3.80E-06
2960	479026.63, 3849971.93	5.60E-03	5.85E-06	3.39E-06	8.05E-07	7.88E-08	8.84E-07	5.36E-03	1.85E-06	5.60E-06	6.19E-08	7.26E-07	7.87E-07	5.28E-06	3.67E-06
2961	479076.63, 3849971.93	5.37E-03	5.61E-06	3.25E-06	7.72E-07	7.55E-08	8.47E-07	5.14E-03	1.78E-06	5.37E-06	5.94E-08	6.95E-07	7.55E-07	5.13E-06	3.54E-06
2962	479126.63, 3849971.93	5.16E-03	5.39E-06	3.12E-06	7.42E-07	7.25E-08	8.14E-07	4.93E-03	1.71E-06	5.16E-06	5.70E-08	6.68E-07	7.25E-07	4.97E-06	3.43E-06
2963	479176.63, 3849971.93	4.97E-03	5.19E-06	3.01E-06	7.14E-07	6.98E-08	7.84E-07	4.75E-03	1.65E-06	4.97E-06	5.49E-08	6.44E-07	6.99E-07	4.83E-06	3.32E-06
2964	479226.63, 3849971.93	4.67E-03	4.88E-06	2.83E-06	6.72E-07	6.57E-08	7.37E-07	4.47E-03	1.55E-06	4.67E-06	5.17E-08	6.05E-07	6.57E-07	4.70E-06	3.20E-06
2965	479276.63, 3849971.93	4.58E-03	4.79E-06	2.77E-06	6.58E-07	6.44E-08	7.23E-07	4.38E-03	1.52E-06	4.58E-06	5.06E-08	5.93E-07	6.44E-07	4.57E-06	3.12E-06
2966	479326.63, 3849971.93	4.47E-03	4.67E-06	2.70E-06	6.43E-07	6.28E-08	7.06E-07	4.28E-03	1.48E-06	4.47E-06	4.94E-08	5.79E-07	6.29E-07	4.45E-06	3.04E-06
2967	479376.63, 3849971.93	4.25E-03	4.45E-06	2.57E-06	6.12E-07	5.98E-08	6.71E-07	4.07E-03	1.41E-06	4.25E-06	4.70E-08	5.51E-07	5.98E-07	4.35E-06	2.95E-06
2968	479426.63, 3849971.93	4.14E-03	4.32E-06	2.50E-06	5.95E-07	5.82E-08	6.53E-07	3.96E-03	1.37E-06	4.13E-06	4.57E-08	5.36E-07	5.81E-07	4.25E-06	2.88E-06
2969	478726.63, 3850021.93	8.47E-03	8.86E-06	5.13E-06	1.22E-06	1.19E-07	1.34E-06	8.11E-03	2.81E-06	8.48E-06	9.38E-08	1.10E-06	1.19E-06	7.47E-06	5.29E-06
2970	478776.63, 3850021.93	7.96E-03	8.32E-06	4.82E-06	1.14E-06	1.12E-07	1.26E-06	7.62E-03	2.64E-06	7.96E-06	8.81E-08	1.03E-06	1.12E-06	7.09E-06	5.01E-06
2971	478826.63, 3850021.93	7.51E-03	7.84E-06	4.54E-06	1.08E-06	1.06E-07	1.18E-06	7.18E-03	2.49E-06	7.51E-06	8.30E-08	9.73E-07	1.06E-06	6.76E-06	4.76E-06
2972	478976.63, 3850021.93	6.42E-03	6.71E-06	3.88E-06	9.23E-07	9.03E-08	1.01E-06	6.14E-03	2.13E-06	6.42E-06	7.10E-08	8.32E-07	9.03E-07	5.97E-06	4.16E-06

2973	478726.63, 3850071.93	9.75E-03	1.02E-05	5.90E-06	1.40E-06	1.37E-07	1.54E-06	9.35E-03	3.24E-06	9.77E-06	1.08E-07	1.27E-06	1.37E-06	8.53E-06	6.06E-06
2974	478776.63, 3850071.93	9.07E-03	9.48E-06	5.49E-06	1.30E-06	1.28E-07	1.43E-06	8.69E-03	3.01E-06	9.08E-06	1.00E-07	1.18E-06	1.28E-06	8.04E-06	5.69E-06
2975	478826.63, 3850071.93	8.48E-03	8.86E-06	5.13E-06	1.22E-06	1.19E-07	1.34E-06	8.12E-03	2.81E-06	8.49E-06	9.39E-08	1.10E-06	1.19E-06	7.61E-06	5.36E-06
2976	478876.63, 3850071.93	7.97E-03	8.33E-06	4.82E-06	1.15E-06	1.12E-07	1.26E-06	7.63E-03	2.64E-06	7.98E-06	8.82E-08	1.03E-06	1.12E-06	7.24E-06	5.08E-06
2977	478976.63, 3850071.93	7.11E-03	7.43E-06	4.30E-06	1.02E-06	1.00E-07	1.12E-06	6.81E-03	2.36E-06	7.12E-06	7.87E-08	9.22E-07	1.00E-06	6.61E-06	4.61E-06
2978	478726.63, 3850121.93	1.15E-02	1.20E-05	6.96E-06	1.65E-06	1.62E-07	1.82E-06	1.10E-02	3.82E-06	1.15E-05	1.28E-07	1.50E-06	1.62E-06	1.00E-05	7.13E-06
2979	478776.63, 3850121.93	1.06E-02	1.10E-05	6.39E-06	1.52E-06	1.48E-07	1.67E-06	1.01E-02	3.51E-06	1.06E-05	1.17E-07	1.37E-06	1.49E-06	9.33E-06	6.61E-06
2980	478826.63, 3850121.93	9.76E-03	1.02E-05	5.91E-06	1.40E-06	1.37E-07	1.54E-06	9.37E-03	3.24E-06	9.79E-06	1.08E-07	1.27E-06	1.38E-06	8.75E-06	6.17E-06
2981	478876.63, 3850121.93	9.08E-03	9.49E-06	5.50E-06	1.31E-06	1.28E-07	1.43E-06	8.71E-03	3.02E-06	9.11E-06	1.01E-07	1.18E-06	1.28E-06	8.25E-06	5.79E-06
2982	478976.63, 3850121.93	7.98E-03	8.34E-06	4.83E-06	1.15E-06	1.12E-07	1.26E-06	7.65E-03	2.65E-06	8.00E-06	8.84E-08	1.04E-06	1.12E-06	7.42E-06	5.17E-06
2983	479026.63, 3850121.93	7.53E-03	7.87E-06	4.55E-06	1.08E-06	1.06E-07	1.19E-06	7.21E-03	2.50E-06	7.54E-06	8.34E-08	9.77E-07	1.06E-06	7.09E-06	4.92E-06
2984	479076.63, 3850121.93	7.12E-03	7.44E-06	4.31E-06	1.02E-06	1.00E-07	1.12E-06	6.82E-03	2.36E-06	7.13E-06	7.88E-08	9.23E-07	1.00E-06	6.78E-06	4.69E-06
2985	479126.63, 3850121.93	6.75E-03	7.05E-06	4.08E-06	9.70E-07	9.49E-08	1.07E-06	6.47E-03	2.24E-06	6.76E-06	7.47E-08	8.76E-07	9.50E-07	6.51E-06	4.49E-06
2986	478776.63, 3850171.93	1.27E-02	1.32E-05	7.67E-06	1.82E-06	1.78E-07	2.00E-06	1.22E-02	4.22E-06	1.27E-05	1.41E-07	1.65E-06	1.79E-06	1.12E-05	7.93E-06
2987	478826.63, 3850171.93	1.15E-02	1.21E-05	6.98E-06	1.66E-06	1.62E-07	1.82E-06	1.11E-02	3.84E-06	1.16E-05	1.28E-07	1.50E-06	1.63E-06	1.03E-05	7.29E-06
2988	478876.63, 3850171.93	1.06E-02	1.11E-05	6.41E-06	1.52E-06	1.49E-07	1.67E-06	1.02E-02	3.52E-06	1.06E-05	1.18E-07	1.38E-06	1.49E-06	9.62E-06	6.76E-06
2989	478976.63, 3850171.93	9.10E-03	9.52E-06	5.51E-06	1.31E-06	1.28E-07	1.44E-06	8.74E-03	3.02E-06	9.13E-06	1.01E-07	1.18E-06	1.28E-06	8.49E-06	5.92E-06
2990	479026.63, 3850171.93	8.51E-03	8.90E-06	5.15E-06	1.22E-06	1.20E-07	1.34E-06	8.17E-03	2.83E-06	8.54E-06	9.44E-08	1.11E-06	1.20E-06	8.04E-06	5.58E-06
2991	479076.63, 3850171.93	8.00E-03	8.36E-06	4.84E-06	1.15E-06	1.12E-07	1.26E-06	7.67E-03	2.65E-06	8.02E-06	8.87E-08	1.04E-06	1.13E-06	7.65E-06	5.29E-06
2992	479126.63, 3850171.93	7.54E-03	7.88E-06	4.56E-06	1.08E-06	1.06E-07	1.19E-06	7.23E-03	2.50E-06	7.56E-06	8.36E-08	9.79E-07	1.06E-06	7.30E-06	5.03E-06
2993	479176.63, 3850171.93	7.13E-03	7.46E-06	4.32E-06	1.03E-06	1.00E-07	1.13E-06	6.84E-03	2.37E-06	7.15E-06	7.91E-08	9.27E-07	1.01E-06	6.97E-06	4.79E-06
2994	479226.63, 3850171.93	6.79E-03	7.09E-06	4.11E-06	9.76E-07	9.54E-08	1.07E-06	6.51E-03	2.25E-06	6.80E-06	7.52E-08	8.81E-07	9.56E-07	6.67E-06	4.57E-06
2995	479276.63, 3850171.93	6.47E-03	6.76E-06	3.92E-06	9.30E-07	9.10E-08	1.02E-06	6.20E-03	2.15E-06	6.48E-06	7.17E-08	8.40E-07	9.12E-07	6.40E-06	4.38E-06
2996	479326.63, 3850171.93	6.18E-03	6.46E-06	3.74E-06	8.88E-07	8.69E-08	9.75E-07	5.92E-03	2.05E-06	6.19E-06	6.84E-08	8.02E-07	8.70E-07	6.17E-06	4.21E-06
2997	479376.63, 3850171.93	5.89E-03	6.16E-06	3.57E-06	8.47E-07	8.29E-08	9.30E-07	5.65E-03	1.96E-06	5.91E-06	6.53E-08	7.65E-07	8.31E-07	5.97E-06	4.06E-06
2998	478676.63, 3850221.93	2.13E-02	2.22E-05	1.29E-05	3.06E-06	2.99E-07	3.36E-06	2.06E-02	7.15E-06	2.16E-05	2.39E-07	2.80E-06	3.03E-06	1.84E-05	1.31E-05
2999	478726.63, 3850221.93	1.82E-02	1.90E-05	1.10E-05	2.62E-06	2.56E-07	2.87E-06	1.76E-02	6.09E-06	1.84E-05	2.03E-07	2.38E-06	2.59E-06	1.58E-05	1.13E-05
3000	478976.63, 3850221.93	1.06E-02	1.11E-05	6.42E-06	1.53E-06	1.49E-07	1.67E-06	1.02E-02	3.53E-06	1.07E-05	1.18E-07	1.38E-06	1.50E-06	9.92E-06	6.91E-06
3001	479026.63, 3850221.93	9.81E-03	1.02E-05	5.93E-06	1.41E-06	1.38E-07	1.55E-06	9.42E-03	3.26E-06	9.85E-06	1.09E-07	1.28E-06	1.38E-06	9.30E-06	6.45E-06
3002	479076.63, 3850221.93	9.13E-03	9.54E-06	5.52E-06	1.31E-06	1.28E-07	1.44E-06	8.76E-03	3.03E-06	9.16E-06	1.01E-07	1.19E-06	1.29E-06	8.78E-06	6.06E-06
3003	479126.63, 3850221.93	8.53E-03	8.92E-06	5.16E-06	1.23E-06	1.20E-07	1.35E-06	8.19E-03	2.84E-06	8.56E-06	9.47E-08	1.11E-06	1.20E-06	8.32E-06	5.72E-06
3004	479176.63, 3850221.93	8.02E-03	8.38E-06	4.85E-06	1.15E-06	1.13E-07	1.27E-06	7.69E-03	2.66E-06	8.04E-06	8.89E-08	1.04E-06	1.13E-06	7.89E-06	5.41E-06
3005	479226.63, 3850221.93	7.56E-03	7.90E-06	4.58E-06	1.09E-06	1.06E-07	1.19E-06	7.26E-03	2.51E-06	7.59E-06	8.39E-08	9.83E-07	1.07E-06	7.51E-06	5.14E-06
3006	479276.63, 3850221.93	7.16E-03	7.48E-06	4.33E-06	1.03E-06	1.01E-07	1.13E-06	6.87E-03	2.38E-06	7.18E-06	7.94E-08	9.30E-07	1.01E-06	7.17E-06	4.89E-06
3007	479326.63, 3850221.93	6.80E-03	7.11E-06	4.12E-06	9.78E-07	9.57E-08	1.07E-06	6.53E-03	2.26E-06	6.82E-06	7.54E-08	8.84E-07	9.59E-07	6.90E-06	4.69E-06
3008	479376.63, 3850221.93	6.48E-03	6.77E-06	3.92E-06	9.31E-07	9.11E-08	1.02E-06	6.21E-03	2.15E-06	6.49E-06	7.18E-08	8.41E-07	9.13E-07	6.65E-06	4.51E-06
3009	478676.63, 3850271.93	3.23E-02	3.38E-05	1.96E-05	4.65E-06	4.55E-07	5.10E-06	3.17E-02	1.10E-05	3.31E-05	3.66E-07	4.29E-06	4.65E-06	2.83E-05	2.02E-05
3010	478726.63, 3850271.93	2.58E-02	2.69E-05	1.56E-05	3.71E-06	3.62E-07	4.07E-06	2.51E-02	8.69E-06	2.62E-05	2.90E-07	3.40E-06	3.69E-06	2.27E-05	1.61E-05
3011	478976.63, 3850271.93	1.28E-02	1.33E-05	7.72E-06	1.83E-06	1.79E-07	2.01E-06	1.23E-02	4.26E-06	1.28E-05	1.42E-07	1.66E-06	1.81E-06	1.19E-05	8.31E-06
3012	479026.63, 3850271.93	1.16E-02	1.21E-05	7.01E-06	1.67E-06	1.63E-07	1.83E-06	1.12E-02	3.86E-06	1.17E-05	1.29E-07	1.51E-06	1.64E-06	1.10E-05	7.65E-06
3013	479076.63, 3850271.93	1.06E-02	1.11E-05	6.44E-06	1.53E-06	1.50E-07	1.68E-06	1.02E-02	3.54E-06	1.07E-05	1.18E-07	1.39E-06	1.50E-06	1.03E-05	7.11E-06
3014	479126.63, 3850271.93	9.83E-03	1.03E-05	5.95E-06	1.41E-06	1.38E-07	1.55E-06	9.46E-03	3.27E-06	9.88E-06	1.09E-07	1.28E-06	1.39E-06	9.70E-06	6.65E-06
3015	479176.63, 3850271.93	9.15E-03	9.56E-06	5.53E-06	1.32E-06	1.29E-07	1.44E-06	8.79E-03	3.04E-06	9.19E-06	1.02E-07	1.19E-06	1.29E-06	9.14E-06	6.24E-06
3016	479226.63, 3850271.93	8.55E-03	8.94E-06	5.17E-06	1.23E-06	1.20E-07	1.35E-06	8.21E-03	2.84E-06	8.59E-06	9.50E-08	1.11E-06	1.21E-06	8.64E-06	5.88E-06
3017	479276.63, 3850271.93	8.03E-03	8.40E-06	4.86E-06	1.16E-06	1.13E-07	1.27E-06	7.72E-03	2.67E-06	8.07E-06	8.92E-08	1.04E-06	1.13E-06	8.23E-06	5.58E-06
3018	479326.63, 3850271.93	7.58E-03	7.92E-06	4.59E-06	1.09E-06	1.07E-07	1.20E-06	7.28E-03	2.52E-06	7.61E-06	8.42E-08	9.86E-07	1.07E-06	7.88E-06	5.32E-06
3019	479376.63, 3850271.93	7.17E-03	7.49E-06	4.34E-06	1.03E-06	1.01E-07	1.13E-06	6.88E-03	2.38E-06	7.19E-06	7.96E-08	9.32E-07	1.01E-06	7.59E-06	5.10E-06
3020	479053.24, 3850293.52	1.20E-02	1.25E-05	7.24E-06	1.72E-06	1.68E-07	1.89E-06	1.15E-02	3.99E-06	1.20E-05	1.33E-07	1.56E-06	1.69E-06	1.16E-05	7.97E-06
3021	479103.24, 3850293.52	1.09E-02	1.14E-05	6.62E-06	1.57E-06	1.54E-07	1.73E-06	1.05E-02	3.65E-06	1.10E-05	1.22E-07	1.43E-06	1.55E-06	1.08E-05	7.40E-06
3022	479153.24, 3850293.52	1.01E-02	1.06E-05	6.11E-06	1.45E-06	1.42E-07	1.59E-06	9.72E-03	3.36E-06	1.02E-05	1.12E-07	1.32E-06	1.43E-06	1.01E-05	6.90E-06
3023	479203.24, 3850293.52	9.37E-03	9.79E-06	5.67E-06	1.35E-06	1.32E-07	1.48E-06	9.01E-03	3.12E-06	9.42E-06	1.04E-07	1.22E-06	1.32E-06	9.51E-06	6.47E-06
3024	479253.24, 3850293.52	8.75E-03	9.14E-06	5.29E-06	1.26E-06	1.23E-07	1.38E-06	8.41E-03	2.91E-06	8.79E-06	9.72E-08	1.14E-06	1.24E-06	9.01E-06	6.10E-06
3025	479303.24, 3850293.52	8.21E-03	8.58E-06	4.97E-06	1.18E-06	1.15E-07	1.30E-06	7.89E-03	2.73E-06	8.25E-06	9.12E-08	1.07E-06	1.16E-06	8.60E-06	5.80E-06
3026	479353.24, 3850293.52	7.73E-03	8.08E-06	4.68E-06	1.11E-06	1.09E-07	1.22E-06	7.43E-03	2.57E-06	7.76E-06	8.59E-08	1.01E-06	1.09E-06	8.25E-06	5.53E-06
3027	479153.24, 3850343.52	1.20E-02	1.26E-05	7.27E-06	1.73E-06	1.69E-07	1.90E-06	1.16E-02	4.01E-06	1.21E-05	1.34E-07	1.57E-06	1.70E-06	1.25E-05	8.43E-06
3028	479203.24, 3850343.52	1.10E-02	1.15E-05	6.65E-06	1.58E-06	1.55E-07	1.73E-06	1.06E-02	3.66E-06	1.11E-05	1.22E-07	1.43E-06	1.56E-06	1.17E-05	7.83E-06
3029	479253.24, 3850343.52	1.01E-02	1.06E-05	6.14E-06	1.46E-06	1.43E-07	1.60E-06	9.76E-03	3.38E-06	1.02E-05	1.13E-07	1.32E-06	1.43E-06	1.10E-05	7.35E-06
3030	479303.24, 3850343.52	9.42E-03	9.84E-06	5.70E-06	1.35E-06	1.32E-07	1.49E-06	9.06E-03	3.14E-06	9.47E-06	1.05E-07	1.23E-06	1.33E-06	1.04E-05	6.93E-06
3031	479353.24, 3850343.52	8.78E-03	9.18E-06	5.32E-06	1.26E-06	1.24E-07	1.39E-06	8.45E-03	2.93E-06	8.83E-06	9.77E-08	1.14E-06	1.24E-06	9.93E-06	6.55E-06
3032	479203.24, 3850393.52	1.33E-02	1.39E-05	8.07E-06	1.92E-06	1.87E-07	2.10E-06	1.29E-02	4.46E-06	1.35E-05	1.49E-07	1.74E-06	1.89E-06	1.64E-05	1.06E-05
3033	479253.24, 3850393.52	1.21E-02	1.26E-05	7.31E-06	1.74E-06	1.70E-07	1.91E-06	1.17E-02	4.04E-06	1.22E-05	1.35E-07	1.58E-06	1.71E-06	1.50E-05	9.68E-06
3034	479303.24, 3850393.52	1.11E-02	1.16E-05	6.70E-06	1.59E-06	1.56E-07	1.75E-06	1.07E-02	3.69E-06	1.12E-05	1.23E-07	1.44E-06	1.57E-06	1.38E-05	8.87E-06

3035	479353.24, 3850393.52	1.02E-02	1.07E-05	6.17E-06	1.47E-06	1.43E-07	1.61E-06	9.83E-03	3.40E-06	1.03E-05	1.14E-07	1.33E-06	1.44E-06	1.27E-05	8.19E-06
3036	479403.24, 3850393.52	9.45E-03	9.87E-06	5.72E-06	1.36E-06	1.33E-07	1.49E-06	9.10E-03	3.15E-06	9.51E-06	1.05E-07	1.23E-06	1.34E-06	1.18E-05	7.61E-06
3037	479453.24, 3850393.52	8.79E-03	9.18E-06	5.32E-06	1.26E-06	1.24E-07	1.39E-06	8.46E-03	2.93E-06	8.84E-06	9.78E-08	1.15E-06	1.24E-06	1.11E-05	7.11E-06
3038	479503.24, 3850393.52	8.19E-03	8.56E-06	4.95E-06	1.18E-06	1.15E-07	1.29E-06	7.88E-03	2.73E-06	8.24E-06	9.11E-08	1.07E-06	1.16E-06	1.04E-05	6.67E-06
3039	479303.24, 3850443.52	1.35E-02	1.41E-05	8.14E-06	1.94E-06	1.89E-07	2.12E-06	1.30E-02	4.51E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	2.04E-05	1.26E-05
3040	479353.24, 3850443.52	1.22E-02	1.27E-05	7.37E-06	1.75E-06	1.71E-07	1.92E-06	1.18E-02	4.07E-06	1.23E-05	1.36E-07	1.59E-06	1.73E-06	1.77E-05	1.10E-05
3041	479403.24, 3850443.52	1.11E-02	1.16E-05	6.72E-06	1.60E-06	1.56E-07	1.75E-06	1.07E-02	3.71E-06	1.12E-05	1.24E-07	1.45E-06	1.58E-06	1.57E-05	9.81E-06
3042	479453.24, 3850443.52	1.02E-02	1.06E-05	6.16E-06	1.46E-06	1.43E-07	1.61E-06	9.82E-03	3.40E-06	1.03E-05	1.14E-07	1.33E-06	1.44E-06	1.42E-05	8.89E-06
3043	479503.24, 3850443.52	9.38E-03	9.80E-06	5.68E-06	1.35E-06	1.32E-07	1.48E-06	9.04E-03	3.13E-06	9.45E-06	1.05E-07	1.22E-06	1.33E-06	1.30E-05	8.16E-06
3044	480327.18, 3850987.04	1.65E-02	1.72E-05	9.97E-06	2.37E-06	2.32E-07	2.60E-06	1.59E-02	5.49E-06	1.66E-05	1.83E-07	2.15E-06	2.33E-06	1.54E-05	1.07E-05
3045	480377.18, 3850987.04	1.46E-02	1.52E-05	8.81E-06	2.09E-06	2.05E-07	2.30E-06	1.40E-02	4.85E-06	1.46E-05	1.62E-07	1.90E-06	2.06E-06	1.37E-05	9.52E-06
3046	480427.18, 3850987.04	1.30E-02	1.36E-05	7.88E-06	1.87E-06	1.83E-07	2.06E-06	1.25E-02	4.33E-06	1.31E-05	1.45E-07	1.69E-06	1.84E-06	1.24E-05	8.58E-06
3047	480477.18, 3850987.04	1.17E-02	1.23E-05	7.10E-06	1.69E-06	1.65E-07	1.85E-06	1.12E-02	3.89E-06	1.18E-05	1.30E-07	1.52E-06	1.65E-06	1.13E-05	7.82E-06
3048	480327.18, 3851037.04	2.25E-02	2.36E-05	1.36E-05	3.24E-06	3.17E-07	3.56E-06	2.18E-02	7.54E-06	2.28E-05	2.52E-07	2.95E-06	3.20E-06	2.07E-05	1.45E-05
3049	480377.18, 3851037.04	1.91E-02	2.00E-05	1.16E-05	2.75E-06	2.69E-07	3.02E-06	1.84E-02	6.38E-06	1.93E-05	2.13E-07	2.50E-06	2.71E-06	1.76E-05	1.23E-05
3050	480427.18, 3851037.04	1.66E-02	1.73E-05	1.00E-05	2.38E-06	2.33E-07	2.61E-06	1.59E-02	5.51E-06	1.66E-05	1.84E-07	2.16E-06	2.34E-06	1.53E-05	1.07E-05
3051	480477.18, 3851037.04	1.46E-02	1.52E-05	8.82E-06	2.10E-06	2.05E-07	2.30E-06	1.40E-02	4.84E-06	1.46E-05	1.62E-07	1.89E-06	2.06E-06	1.36E-05	9.47E-06
3052	480622.06, 3851087.39	1.32E-02	1.38E-05	7.97E-06	1.89E-06	1.85E-07	2.08E-06	1.26E-02	4.36E-06	1.32E-05	1.46E-07	1.70E-06	1.85E-06	1.23E-05	8.58E-06
3053	480672.06, 3851087.39	1.19E-02	1.24E-05	7.19E-06	1.71E-06	1.67E-07	1.88E-06	1.13E-02	3.93E-06	1.19E-05	1.31E-07	1.54E-06	1.67E-06	1.13E-05	7.80E-06
3054	480622.06, 3851137.39	1.69E-02	1.77E-05	1.02E-05	2.44E-06	2.38E-07	2.67E-06	1.62E-02	5.60E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.55E-05	1.08E-05
3055	480672.06, 3851137.39	1.49E-02	1.55E-05	8.99E-06	2.14E-06	2.09E-07	2.35E-06	1.42E-02	4.91E-06	1.48E-05	1.64E-07	1.92E-06	2.08E-06	1.37E-05	9.57E-06
3056	480722.06, 3851137.39	1.33E-02	1.39E-05	8.02E-06	1.91E-06	1.86E-07	2.09E-06	1.26E-02	4.37E-06	1.32E-05	1.46E-07	1.71E-06	1.86E-06	1.23E-05	8.59E-06
3057	480622.06, 3851187.39	2.36E-02	2.47E-05	1.43E-05	3.40E-06	3.32E-07	3.73E-06	2.26E-02	7.82E-06	2.36E-05	2.61E-07	3.06E-06	3.32E-06	2.15E-05	1.51E-05
3058	480672.06, 3851187.39	1.98E-02	2.07E-05	1.20E-05	2.85E-06	2.79E-07	3.13E-06	1.89E-02	6.55E-06	1.98E-05	2.19E-07	2.56E-06	2.78E-06	1.80E-05	1.26E-05
3059	480722.06, 3851187.39	1.71E-02	1.78E-05	1.03E-05	2.46E-06	2.40E-07	2.70E-06	1.63E-02	5.63E-06	1.70E-05	1.88E-07	2.20E-06	2.39E-06	1.56E-05	1.09E-05
3060	471363.09, 3845877.25	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	6.29E-07	4.25E-07
3061	471863.09, 3845877.25	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.78E-04	2.00E-07	6.04E-07	6.68E-09	7.83E-08	8.50E-08	6.32E-07	4.26E-07
3062	472363.09, 3845877.25	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	6.76E-07	4.65E-07
3063	472863.09, 3845877.25	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.42E-04	2.22E-07	6.71E-07	7.42E-09	8.70E-08	9.44E-08	6.54E-07	4.50E-07
3064	473363.09, 3845877.25	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	6.57E-07	4.55E-07
3065	473863.09, 3845877.25	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	6.53E-07	4.55E-07
3066	474363.09, 3845877.25	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	7.08E-04	2.45E-07	7.40E-07	8.18E-09	9.59E-08	1.04E-07	6.62E-07	4.67E-07
3067	474863.09, 3845877.25	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	6.74E-07	4.78E-07
3068	475363.09, 3845877.25	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	6.93E-07	4.88E-07
3069	475863.09, 3845877.25	7.54E-04	7.88E-07	4.56E-07	1.08E-07	1.06E-08	1.19E-07	7.21E-04	2.49E-07	7.53E-07	8.33E-09	9.76E-08	1.06E-07	6.97E-07	4.87E-07
3070	476363.09, 3845877.25	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.85E-04	2.37E-07	7.16E-07	7.91E-09	9.27E-08	1.01E-07	6.83E-07	4.73E-07
3071	476863.09, 3845877.25	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	6.51E-07	4.49E-07
3072	477363.09, 3845877.25	6.46E-04	6.76E-07	3.91E-07	9.29E-08	9.09E-09	1.02E-07	6.11E-04	2.11E-07	6.39E-07	7.06E-09	8.27E-08	8.98E-08	6.22E-07	4.28E-07
3073	477863.09, 3845877.25	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.73E-04	1.98E-07	5.99E-07	6.63E-09	7.76E-08	8.43E-08	5.99E-07	4.09E-07
3074	478363.09, 3845877.25	5.79E-04	6.06E-07	3.51E-07	8.33E-08	8.15E-09	9.15E-08	5.51E-04	1.91E-07	5.76E-07	6.37E-09	7.47E-08	8.10E-08	5.94E-07	4.02E-07
3075	478863.09, 3845877.25	5.58E-04	5.83E-07	3.38E-07	8.03E-08	7.85E-09	8.81E-08	5.31E-04	1.84E-07	5.55E-07	6.14E-09	7.19E-08	7.81E-08	5.85E-07	3.93E-07
3076	479363.09, 3845877.25	5.48E-04	5.73E-07	3.32E-07	7.89E-08	7.71E-09	8.66E-08	5.20E-04	1.80E-07	5.44E-07	6.01E-09	7.04E-08	7.64E-08	5.93E-07	3.95E-07
3077	479863.09, 3845877.25	5.27E-04	5.51E-07	3.19E-07	7.58E-08	7.41E-09	8.32E-08	5.00E-04	1.73E-07	5.22E-07	5.78E-09	6.77E-08	7.34E-08	6.01E-07	3.95E-07
3078	480363.09, 3845877.25	4.91E-04	5.14E-07	2.97E-07	7.07E-08	6.91E-09	7.76E-08	4.67E-04	1.62E-07	4.88E-07	5.40E-09	6.32E-08	6.86E-08	6.00E-07	3.88E-07
3079	480863.09, 3845877.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.46E-04	1.55E-07	4.67E-07	5.16E-09	6.05E-08	6.56E-08	5.96E-07	3.81E-07
3080	481363.09, 3845877.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.28E-04	1.48E-07	4.47E-07	4.94E-09	5.79E-08	6.29E-08	5.81E-07	3.70E-07
3081	481863.09, 3845877.25	4.29E-04	4.49E-07	2.60E-07	6.17E-08	6.04E-09	6.78E-08	4.07E-04	1.41E-07	4.26E-07	4.71E-09	5.52E-08	5.99E-08	5.48E-07	3.50E-07
3082	482363.09, 3845877.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.87E-04	1.34E-07	4.04E-07	4.47E-09	5.24E-08	5.69E-08	5.23E-07	3.34E-07
3083	482863.09, 3845877.25	3.64E-04	3.80E-07	2.20E-07	5.23E-08	5.12E-09	5.75E-08	3.45E-04	1.19E-07	3.60E-07	3.98E-09	4.67E-08	5.07E-08	4.90E-07	3.09E-07
3084	483363.09, 3845877.25	3.41E-04	3.57E-07	2.06E-07	4.91E-08	4.80E-09	5.39E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	4.78E-07	2.99E-07
3085	483863.09, 3845877.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.49E-04	1.21E-07	3.65E-07	4.04E-09	4.73E-08	5.13E-08	5.09E-07	3.19E-07
3086	484363.09, 3845877.25	3.64E-04	3.80E-07	2.20E-07	5.23E-08	5.12E-09	5.75E-08	3.46E-04	1.20E-07	3.62E-07	4.00E-09	4.69E-08	5.09E-08	5.03E-07	3.16E-07
3087	484863.09, 3845877.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.38E-04	1.17E-07	3.54E-07	3.91E-09	4.58E-08	4.97E-08	4.91E-07	3.08E-07
3088	485363.09, 3845877.25	3.44E-04	3.60E-07	2.08E-07	4.95E-08	4.84E-09	5.44E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	4.78E-07	3.00E-07
3089	485863.09, 3845877.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	4.81E-07	3.01E-07
3090	486363.09, 3845877.25	3.38E-04	3.53E-07	2.04E-07	4.86E-08	4.75E-09	5.33E-08	3.21E-04	1.11E-07	3.36E-07	3.71E-09	4.35E-08	4.72E-08	4.84E-07	3.01E-07
3091	486863.09, 3845877.25	3.25E-04	3.40E-07	1.97E-07	4.67E-08	4.57E-09	5.13E-08	3.09E-04	1.07E-07	3.23E-07	3.57E-09	4.18E-08	4.54E-08	4.75E-07	2.94E-07
3092	487363.09, 3845877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	4.77E-07	2.94E-07
3093	487863.09, 3845877.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.93E-04	1.01E-07	3.06E-07	3.39E-09	3.97E-08	4.31E-08	4.69E-07	2.88E-07
3094	488363.09, 3845877.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	4.66E-07	2.86E-07
3095	488863.09, 3845877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	4.88E-07	2.99E-07
3096	489363.09, 3845877.25	3.13E-04	3.28E-07	1.90E-07	4.51E-08	4.41E-09	4.95E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	4.91E-07	3.00E-07

3097	489863.09, 3845877.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	4.79E-07	2.92E-07
3098	490363.09, 3845877.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	4.69E-07	2.84E-07
3099	490863.09, 3845877.25	2.61E-04	2.73E-07	1.58E-07	3.76E-08	3.67E-09	4.12E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	4.50E-07	2.70E-07
3100	491363.09, 3845877.25	2.73E-04	2.85E-07	1.65E-07	3.92E-08	3.83E-09	4.30E-08	2.60E-04	9.00E-08	2.72E-07	3.01E-09	3.52E-08	3.82E-08	4.68E-07	2.81E-07
3101	491863.09, 3845877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	4.82E-07	2.89E-07
3102	492363.09, 3845877.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	4.66E-07	2.77E-07
3103	492863.09, 3845877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	4.94E-07	2.94E-07
3104	493363.09, 3845877.25	2.82E-04	2.95E-07	1.71E-07	4.06E-08	3.97E-09	4.46E-08	2.68E-04	9.27E-08	2.80E-07	3.10E-09	3.63E-08	3.94E-08	5.08E-07	3.02E-07
3105	493863.09, 3845877.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	5.22E-07	3.10E-07
3106	494363.09, 3845877.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.73E-04	9.44E-08	2.85E-07	3.15E-09	3.69E-08	4.01E-08	5.35E-07	3.16E-07
3107	494863.09, 3845877.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.73E-04	9.44E-08	2.85E-07	3.15E-09	3.69E-08	4.01E-08	5.43E-07	3.20E-07
3108	495363.09, 3845877.25	2.89E-04	3.02E-07	1.75E-07	4.15E-08	4.06E-09	4.56E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	5.52E-07	3.25E-07
3109	495863.09, 3845877.25	2.91E-04	3.04E-07	1.76E-07	4.18E-08	4.09E-09	4.59E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	5.65E-07	3.32E-07
3110	496363.09, 3845877.25	2.92E-04	3.05E-07	1.77E-07	4.20E-08	4.11E-09	4.61E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	5.79E-07	3.38E-07
3111	496863.09, 3845877.25	2.92E-04	3.05E-07	1.77E-07	4.20E-08	4.11E-09	4.61E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	5.87E-07	3.42E-07
3112	497363.09, 3845877.25	2.91E-04	3.04E-07	1.76E-07	4.18E-08	4.09E-09	4.59E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	5.95E-07	3.46E-07
3113	497863.09, 3845877.25	2.89E-04	3.02E-07	1.75E-07	4.15E-08	4.06E-09	4.56E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	6.07E-07	3.52E-07
3114	498363.09, 3845877.25	2.89E-04	3.02E-07	1.75E-07	4.15E-08	4.06E-09	4.56E-08	2.73E-04	9.44E-08	2.85E-07	3.15E-09	3.69E-08	4.01E-08	6.19E-07	3.57E-07
3115	471363.09, 3846377.25	1.12E-02	1.17E-05	6.76E-06	1.61E-06	1.57E-07	1.76E-06	1.06E-02	3.68E-06	1.11E-05	1.23E-07	1.44E-06	1.56E-06	4.68E-06	4.46E-06
3116	471863.09, 3846377.25	9.44E-03	9.87E-06	5.71E-06	1.36E-06	1.33E-07	1.49E-06	8.99E-03	3.11E-06	9.39E-06	1.04E-07	1.22E-06	1.32E-06	4.02E-06	3.80E-06
3117	472363.09, 3846377.25	2.87E-03	3.00E-06	1.74E-06	4.13E-07	4.04E-08	4.53E-07	2.74E-03	9.47E-07	2.86E-06	3.16E-08	3.70E-07	4.02E-07	1.52E-06	1.30E-06
3118	472863.09, 3846377.25	1.99E-03	2.08E-06	1.20E-06	2.86E-07	2.80E-08	3.14E-07	1.90E-03	6.57E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	1.19E-06	9.67E-07
3119	473363.09, 3846377.25	1.57E-03	1.64E-06	9.50E-07	2.26E-07	2.21E-08	2.48E-07	1.50E-03	5.18E-07	1.56E-06	1.73E-08	2.03E-07	2.20E-07	1.03E-06	8.06E-07
3120	473863.09, 3846377.25	1.41E-03	1.47E-06	8.53E-07	2.03E-07	1.98E-08	2.23E-07	1.34E-03	4.64E-07	1.40E-06	1.55E-08	1.81E-07	1.97E-07	9.62E-07	7.43E-07
3121	474363.09, 3846377.25	1.28E-03	1.34E-06	7.74E-07	1.84E-07	1.80E-08	2.02E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	9.04E-07	6.88E-07
3122	474863.09, 3846377.25	1.20E-03	1.26E-06	7.27E-07	1.73E-07	1.69E-08	1.90E-07	1.14E-03	3.94E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	8.70E-07	6.57E-07
3123	475363.09, 3846377.25	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.06E-03	3.66E-07	1.11E-06	1.22E-08	1.43E-07	1.55E-07	8.38E-07	6.25E-07
3124	475863.09, 3846377.25	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	8.25E-07	6.05E-07
3125	476363.09, 3846377.25	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.16E-04	3.17E-07	9.58E-07	1.06E-08	1.24E-07	1.35E-07	8.04E-07	5.79E-07
3126	476863.09, 3846377.25	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.47E-04	2.93E-07	8.86E-07	9.80E-09	1.15E-07	1.25E-07	7.73E-07	5.50E-07
3127	477363.09, 3846377.25	8.32E-04	8.70E-07	5.04E-07	1.20E-07	1.17E-08	1.31E-07	7.86E-04	2.72E-07	8.22E-07	9.09E-09	1.06E-07	1.16E-07	7.33E-07	5.18E-07
3128	477863.09, 3846377.25	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	7.25E-04	2.51E-07	7.58E-07	8.38E-09	9.82E-08	1.07E-07	6.97E-07	4.88E-07
3129	478363.09, 3846377.25	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	6.79E-07	4.70E-07
3130	478863.09, 3846377.25	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.56E-04	2.27E-07	6.86E-07	7.59E-09	8.89E-08	9.65E-08	6.73E-07	4.62E-07
3131	479363.09, 3846377.25	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.27E-04	2.17E-07	6.55E-07	7.24E-09	8.49E-08	9.21E-08	6.64E-07	4.52E-07
3132	479863.09, 3846377.25	6.25E-04	6.53E-07	3.78E-07	8.99E-08	8.79E-09	9.87E-08	5.94E-04	2.06E-07	6.21E-07	6.86E-09	8.04E-08	8.73E-08	6.63E-07	4.45E-07
3133	480363.09, 3846377.25	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	5.73E-04	1.98E-07	5.99E-07	6.63E-09	7.76E-08	8.43E-08	6.80E-07	4.48E-07
3134	480863.09, 3846377.25	5.55E-04	5.80E-07	3.36E-07	7.98E-08	7.80E-09	8.76E-08	5.28E-04	1.83E-07	5.52E-07	6.10E-09	7.15E-08	7.76E-08	6.66E-07	4.32E-07
3135	481363.09, 3846377.25	5.32E-04	5.56E-07	3.22E-07	7.65E-08	7.48E-09	8.40E-08	5.06E-04	1.75E-07	5.29E-07	5.85E-09	6.85E-08	7.44E-08	6.57E-07	4.24E-07
3136	481863.09, 3846377.25	5.04E-04	5.27E-07	3.05E-07	7.25E-08	7.09E-09	7.96E-08	4.78E-04	1.65E-07	4.99E-07	5.52E-09	6.47E-08	7.02E-08	6.30E-07	4.05E-07
3137	482363.09, 3846377.25	4.73E-04	4.95E-07	2.86E-07	6.81E-08	6.66E-09	7.47E-08	4.48E-04	1.55E-07	4.68E-07	5.18E-09	6.07E-08	6.59E-08	5.89E-07	3.79E-07
3138	482863.09, 3846377.25	4.33E-04	4.52E-07	2.62E-07	6.22E-08	6.08E-09	6.83E-08	4.09E-04	1.42E-07	4.27E-07	4.73E-09	5.54E-08	6.01E-08	5.57E-07	3.55E-07
3139	483363.09, 3846377.25	4.34E-04	4.54E-07	2.63E-07	6.24E-08	6.11E-09	6.85E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	5.67E-07	3.60E-07
3140	483863.09, 3846377.25	4.23E-04	4.42E-07	2.56E-07	6.08E-08	5.95E-09	6.67E-08	4.01E-04	1.39E-07	4.19E-07	4.64E-09	5.43E-08	5.89E-08	5.67E-07	3.58E-07
3141	484363.09, 3846377.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	5.45E-07	3.43E-07
3142	484863.09, 3846377.25	4.10E-04	4.28E-07	2.48E-07	5.89E-08	5.76E-09	6.47E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	5.53E-07	3.49E-07
3143	485363.09, 3846377.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.84E-04	1.33E-07	4.01E-07	4.44E-09	5.20E-08	5.64E-08	5.51E-07	3.47E-07
3144	485863.09, 3846377.25	3.87E-04	4.04E-07	2.34E-07	5.56E-08	5.44E-09	6.11E-08	3.68E-04	1.27E-07	3.85E-07	4.26E-09	4.99E-08	5.41E-08	5.36E-07	3.36E-07
3145	486363.09, 3846377.25	3.57E-04	3.74E-07	2.16E-07	5.14E-08	5.03E-09	5.64E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	5.12E-07	3.19E-07
3146	486863.09, 3846377.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	5.08E-07	3.14E-07
3147	487363.09, 3846377.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.31E-04	1.14E-07	3.45E-07	3.82E-09	4.48E-08	4.86E-08	5.17E-07	3.19E-07
3148	487863.09, 3846377.25	3.59E-04	3.75E-07	2.17E-07	5.16E-08	5.05E-09	5.67E-08	3.41E-04	1.18E-07	3.57E-07	3.95E-09	4.62E-08	5.02E-08	5.34E-07	3.30E-07
3149	488363.09, 3846377.25	3.53E-04	3.69E-07	2.13E-07	5.07E-08	4.96E-09	5.57E-08	3.34E-04	1.16E-07	3.49E-07	3.86E-09	4.52E-08	4.90E-08	5.35E-07	3.29E-07
3150	488863.09, 3846377.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	5.33E-07	3.27E-07
3151	489363.09, 3846377.25	3.41E-04	3.57E-07	2.06E-07	4.91E-08	4.80E-09	5.39E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	5.31E-07	3.25E-07
3152	489863.09, 3846377.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	5.26E-07	3.20E-07
3153	490363.09, 3846377.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	4.99E-07	3.02E-07
3154	490863.09, 3846377.25	2.89E-04	3.02E-07	1.75E-07	4.15E-08	4.06E-09	4.56E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	4.94E-07	2.97E-07
3155	491363.09, 3846377.25	2.84E-04	2.97E-07	1.72E-07	4.08E-08	3.99E-09	4.48E-08	2.69E-04	9.33E-08	2.82E-07	3.11E-09	3.65E-08	3.96E-08	4.97E-07	2.97E-07
3156	491863.09, 3846377.25	2.99E-04	3.12E-07	1.81E-07	4.30E-08	4.20E-09	4.72E-08	2.85E-04	9.87E-08	2.98E-07	3.30E-09	3.86E-08	4.19E-08	5.23E-07	3.13E-07
3157	492363.09, 3846377.25	2.92E-04	3.05E-07	1.77E-07	4.20E-08	4.11E-09	4.61E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	5.20E-07	3.10E-07
3158	492863.09, 3846377.25	2.91E-04	3.04E-07	1.76E-07	4.18E-08	4.09E-09	4.59E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	5.28E-07	3.14E-07

3159	493363.09, 3846377.25	3.00E-04	3.14E-07	1.82E-07	4.32E-08	4.22E-09	4.74E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	5.49E-07	3.26E-07
3160	493863.09, 3846377.25	3.04E-04	3.17E-07	1.84E-07	4.37E-08	4.27E-09	4.79E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	5.66E-07	3.35E-07
3161	494363.09, 3846377.25	3.04E-04	3.17E-07	1.84E-07	4.37E-08	4.27E-09	4.79E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	5.74E-07	3.39E-07
3162	494863.09, 3846377.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	5.83E-07	3.43E-07
3163	495363.09, 3846377.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	5.96E-07	3.49E-07
3164	495863.09, 3846377.25	3.07E-04	3.21E-07	1.86E-07	4.41E-08	4.32E-09	4.84E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	6.09E-07	3.56E-07
3165	496363.09, 3846377.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.93E-04	1.01E-07	3.06E-07	3.39E-09	3.97E-08	4.31E-08	6.23E-07	3.63E-07
3166	496863.09, 3846377.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	6.35E-07	3.69E-07
3167	497363.09, 3846377.25	3.07E-04	3.21E-07	1.86E-07	4.41E-08	4.32E-09	4.84E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	6.47E-07	3.75E-07
3168	497863.09, 3846377.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	6.59E-07	3.80E-07
3169	498363.09, 3846377.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	6.71E-07	3.85E-07
3170	471363.09, 3846877.25	1.54E-03	1.61E-06	9.30E-07	2.21E-07	2.16E-08	2.43E-07	1.46E-03	5.05E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	1.05E-06	8.09E-07
3171	471863.09, 3846877.25	3.26E-03	3.41E-06	1.97E-06	4.69E-07	4.58E-08	5.15E-07	3.10E-03	1.07E-06	3.24E-06	3.59E-08	4.20E-07	4.56E-07	1.71E-06	1.47E-06
3172	472363.09, 3846877.25	4.13E-02	4.32E-05	2.50E-05	5.94E-06	5.81E-07	6.52E-06	3.94E-02	1.36E-05	4.12E-05	4.56E-07	5.34E-06	5.79E-06	1.62E-05	1.59E-05
3173	472863.09, 3846877.25	4.95E-03	5.17E-06	2.99E-06	7.12E-07	6.96E-08	7.81E-07	4.72E-03	1.63E-06	4.93E-06	5.45E-08	6.39E-07	6.94E-07	2.34E-06	2.10E-06
3174	473363.09, 3846877.25	3.06E-03	3.19E-06	1.85E-06	4.39E-07	4.30E-08	4.82E-07	2.91E-03	1.01E-06	3.04E-06	3.37E-08	3.94E-07	4.28E-07	1.63E-06	1.39E-06
3175	473863.09, 3846877.25	2.47E-03	2.58E-06	1.50E-06	3.55E-07	3.48E-08	3.90E-07	2.35E-03	8.15E-07	2.46E-06	2.72E-08	3.19E-07	3.46E-07	1.41E-06	1.17E-06
3176	474363.09, 3846877.25	1.98E-03	2.07E-06	1.20E-06	2.85E-07	2.79E-08	3.13E-07	1.89E-03	6.53E-07	1.97E-06	2.18E-08	2.56E-07	2.77E-07	1.22E-06	9.81E-07
3177	474863.09, 3846877.25	1.69E-03	1.77E-06	1.02E-06	2.43E-07	2.38E-08	2.67E-07	1.60E-03	5.54E-07	1.67E-06	1.85E-08	2.17E-07	2.35E-07	1.10E-06	8.64E-07
3178	475363.09, 3846877.25	1.47E-03	1.54E-06	8.92E-07	2.12E-07	2.07E-08	2.33E-07	1.40E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	1.01E-06	7.78E-07
3179	475863.09, 3846877.25	1.38E-03	1.45E-06	8.37E-07	1.99E-07	1.94E-08	2.18E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	9.81E-07	7.47E-07
3180	476363.09, 3846877.25	1.26E-03	1.32E-06	7.61E-07	1.81E-07	1.77E-08	1.99E-07	1.20E-03	4.16E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	9.44E-07	7.05E-07
3181	476863.09, 3846877.25	1.14E-03	1.19E-06	6.89E-07	1.64E-07	1.60E-08	1.80E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	9.06E-07	6.63E-07
3182	477363.09, 3846877.25	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	9.96E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.46E-07	8.70E-07	6.28E-07
3183	477863.09, 3846877.25	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	8.14E-07	5.82E-07
3184	478363.09, 3846877.25	8.90E-04	9.30E-07	5.38E-07	1.28E-07	1.25E-08	1.40E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	7.85E-07	5.55E-07
3185	478863.09, 3846877.25	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	7.99E-04	2.77E-07	8.35E-07	9.24E-09	1.08E-07	1.17E-07	7.72E-07	5.39E-07
3186	479363.09, 3846877.25	7.88E-04	8.24E-07	4.77E-07	1.13E-07	1.11E-08	1.24E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	7.51E-07	5.19E-07
3187	479863.09, 3846877.25	7.00E-04	7.32E-07	4.24E-07	1.01E-07	9.85E-09	1.11E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	7.13E-07	4.83E-07
3188	480363.09, 3846877.25	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	7.02E-07	4.66E-07
3189	480863.09, 3846877.25	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	7.04E-07	4.60E-07
3190	481363.09, 3846877.25	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.64E-04	1.95E-07	5.89E-07	6.52E-09	7.64E-08	8.29E-08	7.18E-07	4.65E-07
3191	481863.09, 3846877.25	5.71E-04	5.97E-07	3.46E-07	8.22E-08	8.03E-09	9.02E-08	5.42E-04	1.88E-07	5.67E-07	6.27E-09	7.34E-08	7.97E-08	7.01E-07	4.52E-07
3192	482363.09, 3846877.25	5.27E-04	5.51E-07	3.19E-07	7.58E-08	7.41E-09	8.32E-08	5.00E-04	1.73E-07	5.22E-07	5.78E-09	6.77E-08	7.34E-08	6.51E-07	4.19E-07
3193	482863.09, 3846877.25	5.09E-04	5.32E-07	3.08E-07	7.32E-08	7.16E-09	8.04E-08	4.82E-04	1.67E-07	5.04E-07	5.58E-09	6.53E-08	7.09E-08	6.44E-07	4.13E-07
3194	483363.09, 3846877.25	4.93E-04	5.15E-07	2.98E-07	7.09E-08	6.93E-09	7.78E-08	4.68E-04	1.62E-07	4.90E-07	5.41E-09	6.34E-08	6.88E-08	6.34E-07	4.05E-07
3195	483863.09, 3846877.25	4.80E-04	5.02E-07	2.90E-07	6.90E-08	6.75E-09	7.58E-08	4.54E-04	1.57E-07	4.75E-07	5.25E-09	6.15E-08	6.68E-08	6.30E-07	4.00E-07
3196	484363.09, 3846877.25	4.72E-04	4.93E-07	2.85E-07	6.78E-08	6.63E-09	7.45E-08	4.48E-04	1.55E-07	4.68E-07	5.18E-09	6.07E-08	6.59E-08	6.27E-07	3.97E-07
3197	484863.09, 3846877.25	4.57E-04	4.78E-07	2.77E-07	6.57E-08	6.43E-09	7.21E-08	4.34E-04	1.50E-07	4.54E-07	5.02E-09	5.88E-08	6.38E-08	6.17E-07	3.89E-07
3198	485363.09, 3846877.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.28E-04	1.48E-07	4.47E-07	4.94E-09	5.79E-08	6.29E-08	6.14E-07	3.87E-07
3199	485863.09, 3846877.25	4.34E-04	4.54E-07	2.63E-07	6.24E-08	6.11E-09	6.85E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	5.99E-07	3.76E-07
3200	486363.09, 3846877.25	4.36E-04	4.56E-07	2.64E-07	6.27E-08	6.13E-09	6.88E-08	4.14E-04	1.43E-07	4.32E-07	4.78E-09	5.60E-08	6.08E-08	6.08E-07	3.81E-07
3201	486863.09, 3846877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	5.79E-07	3.60E-07
3202	487363.09, 3846877.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	5.87E-07	3.64E-07
3203	487863.09, 3846877.25	3.93E-04	4.11E-07	2.38E-07	5.66E-08	5.53E-09	6.21E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	5.88E-07	3.63E-07
3204	488363.09, 3846877.25	3.84E-04	4.01E-07	2.32E-07	5.52E-08	5.39E-09	6.06E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	5.84E-07	3.59E-07
3205	488863.09, 3846877.25	3.77E-04	3.94E-07	2.28E-07	5.42E-08	5.30E-09	5.95E-08	3.59E-04	1.24E-07	3.75E-07	4.15E-09	4.86E-08	5.27E-08	5.82E-07	3.57E-07
3206	489363.09, 3846877.25	3.72E-04	3.89E-07	2.25E-07	5.35E-08	5.23E-09	5.87E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	5.80E-07	3.55E-07
3207	489863.09, 3846877.25	3.61E-04	3.77E-07	2.18E-07	5.19E-08	5.07E-09	5.69E-08	3.41E-04	1.18E-07	3.57E-07	3.95E-09	4.62E-08	5.02E-08	5.75E-07	3.50E-07
3208	490363.09, 3846877.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	5.53E-07	3.34E-07
3209	490863.09, 3846877.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	5.49E-07	3.30E-07
3210	491363.09, 3846877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	5.56E-07	3.33E-07
3211	491863.09, 3846877.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.93E-04	1.01E-07	3.06E-07	3.39E-09	3.97E-08	4.31E-08	5.52E-07	3.29E-07
3212	492363.09, 3846877.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	5.82E-07	3.46E-07
3213	492863.09, 3846877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	5.90E-07	3.50E-07
3214	493363.09, 3846877.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	6.02E-07	3.56E-07
3215	493863.09, 3846877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	6.11E-07	3.60E-07
3216	494363.09, 3846877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	6.18E-07	3.63E-07
3217	494863.09, 3846877.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.02E-04	1.05E-07	3.16E-07	3.49E-09	4.09E-08	4.44E-08	6.30E-07	3.69E-07
3218	495363.09, 3846877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	6.38E-07	3.72E-07
3219	495863.09, 3846877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	6.50E-07	3.78E-07
3220	496363.09, 3846877.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	6.63E-07	3.84E-07

3221	496863.09, 3846877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	6.80E-07	3.93E-07
3222	497363.09, 3846877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.02E-04	1.05E-07	3.16E-07	3.49E-09	4.09E-08	4.44E-08	7.02E-07	4.04E-07
3223	497863.09, 3846877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	7.23E-07	4.14E-07
3224	498363.09, 3846877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	7.34E-07	4.19E-07
3225	471363.09, 3847377.25	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	9.45E-04	3.27E-07	9.87E-07	1.09E-08	1.28E-07	1.39E-07	8.84E-07	6.24E-07
3226	471863.09, 3847377.25	1.36E-03	1.42E-06	8.21E-07	1.95E-07	1.91E-08	2.14E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.75E-07	1.89E-07	1.03E-06	7.63E-07
3227	472363.09, 3847377.25	2.34E-03	2.44E-06	1.41E-06	3.36E-07	3.29E-08	3.69E-07	2.22E-03	7.69E-07	2.32E-06	2.57E-08	3.01E-07	3.26E-07	1.40E-06	1.14E-06
3228	472863.09, 3847377.25	1.04E-02	1.09E-05	6.32E-06	1.50E-06	1.47E-07	1.65E-06	9.96E-03	3.45E-06	1.04E-05	1.15E-07	1.35E-06	1.46E-06	4.49E-06	4.22E-06
3229	473363.09, 3847377.25	9.63E-03	1.01E-05	5.83E-06	1.39E-06	1.35E-07	1.52E-06	9.16E-03	3.17E-06	9.58E-06	1.06E-07	1.24E-06	1.35E-06	4.17E-06	3.91E-06
3230	473863.09, 3847377.25	4.53E-03	4.73E-06	2.74E-06	6.51E-07	6.37E-08	7.15E-07	4.31E-03	1.49E-06	4.50E-06	4.98E-08	5.83E-07	6.33E-07	2.24E-06	1.97E-06
3231	474363.09, 3847377.25	3.32E-03	3.47E-06	2.01E-06	4.77E-07	4.67E-08	5.24E-07	3.16E-03	1.09E-06	3.30E-06	3.65E-08	4.28E-07	4.64E-07	1.80E-06	1.52E-06
3232	474863.09, 3847377.25	2.46E-03	2.57E-06	1.49E-06	3.53E-07	3.46E-08	3.88E-07	2.34E-03	8.09E-07	2.44E-06	2.70E-08	3.16E-07	3.43E-07	1.46E-06	1.19E-06
3233	475363.09, 3847377.25	1.96E-03	2.05E-06	1.19E-06	2.82E-07	2.76E-08	3.09E-07	1.86E-03	6.43E-07	1.94E-06	2.15E-08	2.52E-07	2.73E-07	1.25E-06	9.91E-07
3234	475863.09, 3847377.25	1.80E-03	1.88E-06	1.09E-06	2.59E-07	2.53E-08	2.84E-07	1.71E-03	5.91E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	1.19E-06	9.29E-07
3235	476363.09, 3847377.25	1.64E-03	1.72E-06	9.95E-07	2.36E-07	2.31E-08	2.59E-07	1.56E-03	5.40E-07	1.63E-06	1.80E-08	2.11E-07	2.29E-07	1.13E-06	8.70E-07
3236	476863.09, 3847377.25	1.43E-03	1.50E-06	8.66E-07	2.06E-07	2.01E-08	2.26E-07	1.37E-03	4.73E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.06E-06	7.95E-07
3237	477363.09, 3847377.25	1.30E-03	1.36E-06	7.85E-07	1.87E-07	1.82E-08	2.05E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.67E-07	1.82E-07	1.02E-06	7.47E-07
3238	477863.09, 3847377.25	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.12E-03	3.86E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	9.64E-07	6.98E-07
3239	478363.09, 3847377.25	1.08E-03	1.13E-06	6.55E-07	1.56E-07	1.52E-08	1.71E-07	1.02E-03	3.54E-07	1.07E-06	1.18E-08	1.38E-07	1.50E-07	9.15E-07	6.55E-07
3240	478863.09, 3847377.25	1.01E-03	1.06E-06	6.13E-07	1.46E-07	1.43E-08	1.60E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	8.94E-07	6.32E-07
3241	479363.09, 3847377.25	8.96E-04	9.37E-07	5.42E-07	1.29E-07	1.26E-08	1.41E-07	8.52E-04	2.95E-07	8.91E-07	9.85E-09	1.15E-07	1.25E-07	8.35E-07	5.81E-07
3242	479863.09, 3847377.25	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	7.64E-07	5.22E-07
3243	480363.09, 3847377.25	6.46E-04	6.76E-07	3.91E-07	9.29E-08	9.09E-09	1.02E-07	6.17E-04	2.14E-07	6.45E-07	7.13E-09	8.36E-08	9.07E-08	7.06E-07	4.70E-07
3244	480863.09, 3847377.25	5.99E-04	6.26E-07	3.62E-07	8.61E-08	8.42E-09	9.46E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	6.88E-07	4.52E-07
3245	481363.09, 3847377.25	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	7.24E-07	4.71E-07
3246	481863.09, 3847377.25	6.46E-04	6.76E-07	3.91E-07	9.29E-08	9.09E-09	1.02E-07	6.13E-04	2.12E-07	6.40E-07	7.08E-09	8.29E-08	9.00E-08	7.83E-07	5.07E-07
3247	482363.09, 3847377.25	6.22E-04	6.50E-07	3.76E-07	8.94E-08	8.75E-09	9.82E-08	5.89E-04	2.04E-07	6.16E-07	6.81E-09	7.98E-08	8.66E-08	7.66E-07	4.94E-07
3248	482863.09, 3847377.25	5.89E-04	6.16E-07	3.57E-07	8.47E-08	8.29E-09	9.30E-08	5.58E-04	1.93E-07	5.83E-07	6.45E-09	7.55E-08	8.20E-08	7.49E-07	4.79E-07
3249	483363.09, 3847377.25	5.60E-04	5.85E-07	3.39E-07	8.05E-08	7.87E-09	8.84E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	7.17E-07	4.58E-07
3250	483863.09, 3847377.25	5.44E-04	5.68E-07	3.29E-07	7.82E-08	7.64E-09	8.58E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	7.16E-07	4.54E-07
3251	484363.09, 3847377.25	5.42E-04	5.66E-07	3.28E-07	7.79E-08	7.62E-09	8.55E-08	5.14E-04	1.78E-07	5.37E-07	5.94E-09	6.96E-08	7.55E-08	7.24E-07	4.58E-07
3252	484863.09, 3847377.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	4.95E-04	1.71E-07	5.17E-07	5.72E-09	6.70E-08	7.28E-08	7.08E-07	4.46E-07
3253	485363.09, 3847377.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	4.82E-04	1.67E-07	5.04E-07	5.58E-09	6.53E-08	7.09E-08	6.99E-07	4.39E-07
3254	485863.09, 3847377.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	4.75E-04	1.64E-07	4.96E-07	5.49E-09	6.43E-08	6.98E-08	6.91E-07	4.34E-07
3255	486363.09, 3847377.25	4.93E-04	5.15E-07	2.98E-07	7.09E-08	6.93E-09	7.78E-08	4.68E-04	1.62E-07	4.90E-07	5.41E-09	6.34E-08	6.88E-08	6.88E-07	4.31E-07
3256	486863.09, 3847377.25	4.60E-04	4.81E-07	2.79E-07	6.62E-08	6.47E-09	7.27E-08	4.37E-04	1.51E-07	4.57E-07	5.05E-09	5.92E-08	6.42E-08	6.63E-07	4.12E-07
3257	487363.09, 3847377.25	4.55E-04	4.76E-07	2.76E-07	6.55E-08	6.40E-09	7.19E-08	4.32E-04	1.50E-07	4.52E-07	5.00E-09	5.86E-08	6.35E-08	6.69E-07	4.14E-07
3258	487863.09, 3847377.25	4.34E-04	4.54E-07	2.63E-07	6.24E-08	6.11E-09	6.85E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	6.49E-07	4.00E-07
3259	488363.09, 3847377.25	4.21E-04	4.40E-07	2.55E-07	6.06E-08	5.92E-09	6.65E-08	4.01E-04	1.39E-07	4.19E-07	4.64E-09	5.43E-08	5.89E-08	6.49E-07	3.98E-07
3260	488863.09, 3847377.25	4.13E-04	4.32E-07	2.50E-07	5.94E-08	5.81E-09	6.52E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	6.46E-07	3.95E-07
3261	489363.09, 3847377.25	4.06E-04	4.25E-07	2.46E-07	5.84E-08	5.72E-09	6.42E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	6.46E-07	3.94E-07
3262	489863.09, 3847377.25	3.87E-04	4.04E-07	2.34E-07	5.56E-08	5.44E-09	6.11E-08	3.68E-04	1.27E-07	3.85E-07	4.26E-09	4.99E-08	5.41E-08	6.27E-07	3.81E-07
3263	490363.09, 3847377.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.51E-04	1.21E-07	3.67E-07	4.06E-09	4.75E-08	5.16E-08	6.16E-07	3.72E-07
3264	490863.09, 3847377.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.43E-04	1.19E-07	3.59E-07	3.97E-09	4.65E-08	5.04E-08	6.18E-07	3.71E-07
3265	491363.09, 3847377.25	3.53E-04	3.69E-07	2.13E-07	5.07E-08	4.96E-09	5.57E-08	3.35E-04	1.16E-07	3.50E-07	3.88E-09	4.54E-08	4.93E-08	6.19E-07	3.70E-07
3266	491863.09, 3847377.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.38E-04	1.17E-07	3.54E-07	3.91E-09	4.58E-08	4.97E-08	6.36E-07	3.79E-07
3267	492363.09, 3847377.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	6.37E-07	3.77E-07
3268	492863.09, 3847377.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	6.49E-07	3.83E-07
3269	493363.09, 3847377.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	6.56E-07	3.86E-07
3270	493863.09, 3847377.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	6.57E-07	3.85E-07
3271	494363.09, 3847377.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.12E-04	1.08E-07	3.26E-07	3.60E-09	4.22E-08	4.58E-08	6.59E-07	3.84E-07
3272	494863.09, 3847377.25	3.25E-04	3.40E-07	1.97E-07	4.67E-08	4.57E-09	5.13E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	6.66E-07	3.87E-07
3273	495363.09, 3847377.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	6.77E-07	3.92E-07
3274	495863.09, 3847377.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.02E-04	1.05E-07	3.16E-07	3.49E-09	4.09E-08	4.44E-08	6.89E-07	3.97E-07
3275	496363.09, 3847377.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	7.01E-07	4.03E-07
3276	496863.09, 3847377.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	7.23E-07	4.14E-07
3277	497363.09, 3847377.25	3.25E-04	3.40E-07	1.97E-07	4.67E-08	4.57E-09	5.13E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	7.50E-07	4.28E-07
3278	497863.09, 3847377.25	3.31E-04	3.46E-07	2.00E-07	4.76E-08	4.66E-09	5.23E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	7.86E-07	4.47E-07
3279	498363.09, 3847377.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.12E-04	1.08E-07	3.26E-07	3.60E-09	4.22E-08	4.58E-08	8.02E-07	4.54E-07
3280	471363.09, 3847877.25	7.82E-04	8.17E-07	4.73E-07	1.12E-07	1.10E-08	1.23E-07	7.46E-04	2.58E-07	7.79E-07	8.62E-09	1.01E-07	1.10E-07	8.42E-07	5.62E-07
3281	471863.09, 3847877.25	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	9.02E-04	3.12E-07	9.43E-07	1.04E-08	1.22E-07	1.33E-07	9.13E-07	6.29E-07
3282	472363.09, 3847877.25	1.25E-03	1.30E-06	7.54E-07	1.79E-07	1.75E-08	1.97E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	1.04E-06	7.47E-07

3283	472863.09, 3847877.25	1.85E-03	1.93E-06	1.12E-06	2.65E-07	2.60E-08	2.91E-07	1.75E-03	6.07E-07	1.83E-06	2.03E-08	2.38E-07	2.58E-07	1.28E-06	9.83E-07
3284	473363.09, 3847877.25	3.64E-03	3.81E-06	2.20E-06	5.24E-07	5.12E-08	5.75E-07	3.47E-03	1.20E-06	3.63E-06	4.02E-08	4.71E-07	5.11E-07	1.99E-06	1.68E-06
3285	473863.09, 3847877.25	6.35E-02	6.64E-05	3.84E-05	9.13E-06	8.93E-07	1.00E-05	6.14E-02	2.13E-05	6.42E-05	7.10E-07	8.32E-06	9.03E-06	2.50E-05	2.46E-05
3286	474363.09, 3847877.25	6.96E-03	7.28E-06	4.21E-06	1.00E-06	9.79E-08	1.10E-06	6.61E-03	2.29E-06	6.90E-06	7.64E-08	8.95E-07	9.71E-07	3.28E-06	2.95E-06
3287	474863.09, 3847877.25	4.21E-03	4.40E-06	2.55E-06	6.06E-07	5.92E-08	6.65E-07	4.01E-03	1.39E-06	4.19E-06	4.64E-08	5.43E-07	5.89E-07	2.24E-06	1.91E-06
3288	475363.09, 3847877.25	2.83E-03	2.95E-06	1.71E-06	4.07E-07	3.98E-08	4.46E-07	2.69E-03	9.31E-07	2.81E-06	3.11E-08	3.64E-07	3.95E-07	1.68E-06	1.37E-06
3289	475863.09, 3847877.25	2.18E-03	2.28E-06	1.32E-06	3.13E-07	3.06E-08	3.44E-07	2.07E-03	7.15E-07	2.16E-06	2.39E-08	2.80E-07	3.04E-07	1.40E-06	1.10E-06
3290	476363.09, 3847877.25	2.08E-03	2.17E-06	1.26E-06	2.99E-07	2.92E-08	3.28E-07	1.97E-03	6.81E-07	2.06E-06	2.27E-08	2.66E-07	2.89E-07	1.36E-06	1.07E-06
3291	476863.09, 3847877.25	1.81E-03	1.89E-06	1.10E-06	2.61E-07	2.55E-08	2.86E-07	1.72E-03	5.96E-07	1.80E-06	1.99E-08	2.33E-07	2.53E-07	1.26E-06	9.68E-07
3292	477363.09, 3847877.25	1.60E-03	1.67E-06	9.67E-07	2.30E-07	2.25E-08	2.52E-07	1.53E-03	5.28E-07	1.59E-06	1.76E-08	2.07E-07	2.24E-07	1.19E-06	8.93E-07
3293	477863.09, 3847877.25	1.45E-03	1.51E-06	8.77E-07	2.08E-07	2.04E-08	2.29E-07	1.38E-03	4.78E-07	1.44E-06	1.60E-08	1.87E-07	2.03E-07	1.15E-06	8.41E-07
3294	478363.09, 3847877.25	1.32E-03	1.38E-06	7.97E-07	1.89E-07	1.85E-08	2.08E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.84E-07	1.09E-06	7.85E-07
3295	478863.09, 3847877.25	1.22E-03	1.27E-06	7.36E-07	1.75E-07	1.71E-08	1.92E-07	1.15E-03	3.98E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	1.05E-06	7.46E-07
3296	479363.09, 3847877.25	1.02E-03	1.06E-06	6.14E-07	1.46E-07	1.43E-08	1.60E-07	9.63E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.42E-07	9.37E-07	6.53E-07
3297	479863.09, 3847877.25	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	8.01E-07	5.43E-07
3298	480363.09, 3847877.25	7.74E-04	8.09E-07	4.68E-07	1.11E-07	1.09E-08	1.22E-07	7.36E-04	2.55E-07	7.70E-07	8.51E-09	9.97E-08	1.08E-07	8.20E-07	5.50E-07
3299	480863.09, 3847877.25	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	8.01E-07	5.28E-07
3300	481363.09, 3847877.25	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	8.18E-07	5.33E-07
3301	481863.09, 3847877.25	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	9.16E-07	5.93E-07
3302	482363.09, 3847877.25	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	8.84E-07	5.70E-07
3303	482863.09, 3847877.25	6.69E-04	6.99E-07	4.05E-07	9.62E-08	9.41E-09	1.06E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	8.46E-07	5.42E-07
3304	483363.09, 3847877.25	6.37E-04	6.65E-07	3.85E-07	9.15E-08	8.95E-09	1.00E-07	6.03E-04	2.09E-07	6.30E-07	6.97E-09	8.17E-08	8.86E-08	8.33E-07	5.29E-07
3305	483863.09, 3847877.25	6.19E-04	6.47E-07	3.74E-07	8.90E-08	8.70E-09	9.77E-08	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	8.35E-07	5.27E-07
3306	484363.09, 3847877.25	6.12E-04	6.40E-07	3.70E-07	8.80E-08	8.61E-09	9.66E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	8.37E-07	5.26E-07
3307	484863.09, 3847877.25	5.93E-04	6.19E-07	3.59E-07	8.52E-08	8.33E-09	9.35E-08	5.61E-04	1.94E-07	5.86E-07	6.48E-09	7.59E-08	8.24E-08	8.22E-07	5.15E-07
3308	485363.09, 3847877.25	5.81E-04	6.07E-07	3.52E-07	8.36E-08	8.17E-09	9.17E-08	5.51E-04	1.91E-07	5.76E-07	6.37E-09	7.47E-08	8.10E-08	8.14E-07	5.09E-07
3309	485863.09, 3847877.25	5.70E-04	5.95E-07	3.45E-07	8.19E-08	8.01E-09	8.99E-08	5.40E-04	1.87E-07	5.65E-07	6.25E-09	7.32E-08	7.94E-08	8.05E-07	5.02E-07
3310	486363.09, 3847877.25	5.42E-04	5.66E-07	3.28E-07	7.79E-08	7.62E-09	8.55E-08	5.14E-04	1.78E-07	5.37E-07	5.94E-09	6.96E-08	7.55E-08	7.72E-07	4.81E-07
3311	486863.09, 3847877.25	5.19E-04	5.43E-07	3.14E-07	7.46E-08	7.30E-09	8.19E-08	4.92E-04	1.70E-07	5.14E-07	5.69E-09	6.66E-08	7.23E-08	7.51E-07	4.66E-07
3312	487363.09, 3847877.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	4.75E-04	1.64E-07	4.96E-07	5.49E-09	6.43E-08	6.98E-08	7.44E-07	4.60E-07
3313	487863.09, 3847877.25	4.77E-04	4.98E-07	2.88E-07	6.85E-08	6.70E-09	7.52E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	7.27E-07	4.47E-07
3314	488363.09, 3847877.25	4.62E-04	4.83E-07	2.80E-07	6.64E-08	6.50E-09	7.29E-08	4.39E-04	1.52E-07	4.58E-07	5.07E-09	5.94E-08	6.45E-08	7.22E-07	4.41E-07
3315	488863.09, 3847877.25	4.52E-04	4.73E-07	2.74E-07	6.50E-08	6.36E-09	7.14E-08	4.29E-04	1.49E-07	4.49E-07	4.96E-09	5.81E-08	6.31E-08	7.22E-07	4.40E-07
3316	489363.09, 3847877.25	4.42E-04	4.62E-07	2.68E-07	6.36E-08	6.22E-09	6.98E-08	4.20E-04	1.45E-07	4.39E-07	4.85E-09	5.69E-08	6.17E-08	7.18E-07	4.36E-07
3317	489863.09, 3847877.25	4.39E-04	4.59E-07	2.66E-07	6.31E-08	6.17E-09	6.93E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	7.34E-07	4.43E-07
3318	490363.09, 3847877.25	4.28E-04	4.47E-07	2.59E-07	6.15E-08	6.01E-09	6.75E-08	4.04E-04	1.40E-07	4.22E-07	4.67E-09	5.47E-08	5.94E-08	7.25E-07	4.36E-07
3319	490863.09, 3847877.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	3.90E-04	1.35E-07	4.08E-07	4.51E-09	5.28E-08	5.73E-08	7.20E-07	4.30E-07
3320	491363.09, 3847877.25	3.90E-04	4.08E-07	2.36E-07	5.61E-08	5.49E-09	6.16E-08	3.70E-04	1.28E-07	3.86E-07	4.27E-09	5.01E-08	5.43E-08	6.99E-07	4.16E-07
3321	491863.09, 3847877.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.62E-04	1.25E-07	3.78E-07	4.18E-09	4.90E-08	5.32E-08	7.00E-07	4.15E-07
3322	492363.09, 3847877.25	3.75E-04	3.92E-07	2.27E-07	5.40E-08	5.28E-09	5.93E-08	3.56E-04	1.23E-07	3.72E-07	4.11E-09	4.82E-08	5.23E-08	7.06E-07	4.16E-07
3323	492863.09, 3847877.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.49E-04	1.21E-07	3.65E-07	4.04E-09	4.73E-08	5.13E-08	7.07E-07	4.16E-07
3324	493363.09, 3847877.25	3.51E-04	3.67E-07	2.12E-07	5.05E-08	4.94E-09	5.54E-08	3.34E-04	1.16E-07	3.49E-07	3.86E-09	4.52E-08	4.90E-08	6.97E-07	4.07E-07
3325	493863.09, 3847877.25	3.40E-04	3.55E-07	2.05E-07	4.88E-08	4.77E-09	5.36E-08	3.23E-04	1.12E-07	3.37E-07	3.73E-09	4.37E-08	4.74E-08	6.92E-07	4.03E-07
3326	494363.09, 3847877.25	3.33E-04	3.48E-07	2.01E-07	4.79E-08	4.68E-09	5.26E-08	3.15E-04	1.09E-07	3.29E-07	3.64E-09	4.26E-08	4.63E-08	6.98E-07	4.04E-07
3327	494863.09, 3847877.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.12E-04	1.08E-07	3.26E-07	3.60E-09	4.22E-08	4.58E-08	7.09E-07	4.09E-07
3328	495363.09, 3847877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	7.15E-07	4.10E-07
3329	495863.09, 3847877.25	3.00E-04	3.14E-07	1.82E-07	4.32E-08	4.22E-09	4.74E-08	2.85E-04	9.87E-08	2.98E-07	3.30E-09	3.86E-08	4.19E-08	6.99E-07	3.99E-07
3330	496363.09, 3847877.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	7.47E-07	4.25E-07
3331	496863.09, 3847877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.04E-04	1.05E-07	3.18E-07	3.51E-09	4.12E-08	4.47E-08	7.69E-07	4.37E-07
3332	497363.09, 3847877.25	3.26E-04	3.41E-07	1.98E-07	4.69E-08	4.59E-09	5.15E-08	3.09E-04	1.07E-07	3.23E-07	3.57E-09	4.18E-08	4.54E-08	7.96E-07	4.51E-07
3333	497863.09, 3847877.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.23E-04	1.12E-07	3.37E-07	3.73E-09	4.37E-08	4.74E-08	8.52E-07	4.81E-07
3334	498363.09, 3847877.25	3.44E-04	3.60E-07	2.08E-07	4.95E-08	4.84E-09	5.44E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	8.77E-07	4.94E-07
3335	471363.09, 3848377.25	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	8.30E-07	5.34E-07
3336	471863.09, 3848377.25	7.70E-04	8.05E-07	4.66E-07	1.11E-07	1.08E-08	1.22E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	8.87E-07	5.82E-07
3337	472363.09, 3848377.25	9.19E-04	9.61E-07	5.56E-07	1.32E-07	1.29E-08	1.45E-07	8.76E-04	3.03E-07	9.15E-07	1.01E-08	1.19E-07	1.29E-07	9.64E-07	6.48E-07
3338	472863.09, 3848377.25	1.15E-03	1.20E-06	6.94E-07	1.65E-07	1.61E-08	1.81E-07	1.09E-03	3.78E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	1.08E-06	7.47E-07
3339	473363.09, 3848377.25	1.55E-03	1.62E-06	9.37E-07	2.23E-07	2.18E-08	2.45E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	1.27E-06	9.19E-07
3340	473863.09, 3848377.25	2.52E-03	2.63E-06	1.52E-06	3.62E-07	3.54E-08	3.97E-07	2.39E-03	8.29E-07	2.50E-06	2.77E-08	3.24E-07	3.52E-07	1.74E-06	1.34E-06
3341	474363.09, 3848377.25	1.11E-02	1.16E-05	6.74E-06	1.60E-06	1.57E-07	1.76E-06	1.06E-02	3.67E-06	1.11E-05	1.23E-07	1.44E-06	1.56E-06	6.00E-06	5.09E-06
3342	474863.09, 3848377.25	8.98E-03	9.38E-06	5.43E-06	1.29E-06	1.26E-07	1.42E-06	8.55E-03	2.96E-06	8.94E-06	9.88E-08	1.16E-06	1.26E-06	4.37E-06	3.88E-06
3343	475363.09, 3848377.25	5.03E-03	5.26E-06	3.04E-06	7.23E-07	7.07E-08	7.94E-07	4.79E-03	1.66E-06	5.01E-06	5.54E-08	6.49E-07	7.05E-07	2.72E-06	2.31E-06
3344	475863.09, 3848377.25	3.24E-03	3.39E-06	1.96E-06	4.66E-07	4.56E-08	5.12E-07	3.09E-03	1.07E-06	3.23E-06	3.57E-08	4.19E-07	4.54E-07	1.97E-06	1.59E-06

3345	476363.09, 3848377.25	2.44E-03	2.55E-06	1.48E-06	3.51E-07	3.43E-08	3.85E-07	2.32E-03	8.03E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	1.61E-06	1.26E-06
3346	476863.09, 3848377.25	2.38E-03	2.49E-06	1.44E-06	3.42E-07	3.34E-08	3.75E-07	2.25E-03	7.80E-07	2.36E-06	2.61E-08	3.05E-07	3.31E-07	1.61E-06	1.25E-06
3347	477363.09, 3848377.25	2.09E-03	2.18E-06	1.26E-06	3.00E-07	2.93E-08	3.29E-07	1.98E-03	6.86E-07	2.07E-06	2.29E-08	2.68E-07	2.91E-07	1.49E-06	1.13E-06
3348	477863.09, 3848377.25	1.87E-03	1.96E-06	1.13E-06	2.69E-07	2.63E-08	2.96E-07	1.79E-03	6.19E-07	1.87E-06	2.07E-08	2.42E-07	2.63E-07	1.41E-06	1.05E-06
3349	478363.09, 3848377.25	1.69E-03	1.77E-06	1.02E-06	2.43E-07	2.38E-08	2.67E-07	1.61E-03	5.56E-07	1.68E-06	1.86E-08	2.18E-07	2.36E-07	1.35E-06	9.84E-07
3350	478863.09, 3848377.25	1.50E-03	1.57E-06	9.08E-07	2.16E-07	2.11E-08	2.37E-07	1.42E-03	4.92E-07	1.49E-06	1.64E-08	1.92E-07	2.09E-07	1.26E-06	9.06E-07
3351	479363.09, 3848377.25	1.25E-03	1.30E-06	7.55E-07	1.79E-07	1.75E-08	1.97E-07	1.18E-03	4.09E-07	1.23E-06	1.37E-08	1.60E-07	1.74E-07	1.13E-06	7.93E-07
3352	479863.09, 3848377.25	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.39E-04	2.56E-07	7.73E-07	8.55E-09	1.00E-07	1.09E-07	8.38E-07	5.59E-07
3353	480363.09, 3848377.25	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.29E-04	2.87E-07	8.66E-07	9.58E-09	1.12E-07	1.22E-07	9.19E-07	6.17E-07
3354	480863.09, 3848377.25	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	1.02E-06	6.84E-07
3355	481363.09, 3848377.25	9.09E-04	9.50E-07	5.50E-07	1.31E-07	1.28E-08	1.44E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	1.06E-06	6.91E-07
3356	481863.09, 3848377.25	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	1.08E-06	6.96E-07
3357	482363.09, 3848377.25	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	7.99E-04	2.77E-07	8.35E-07	9.24E-09	1.08E-07	1.17E-07	1.06E-06	6.78E-07
3358	482863.09, 3848377.25	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	9.94E-07	6.35E-07
3359	483363.09, 3848377.25	7.39E-04	7.73E-07	4.47E-07	1.06E-07	1.04E-08	1.17E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	9.75E-07	6.18E-07
3360	483863.09, 3848377.25	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	9.45E-07	5.94E-07
3361	484363.09, 3848377.25	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	9.43E-07	5.90E-07
3362	484863.09, 3848377.25	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	9.56E-07	5.96E-07
3363	485363.09, 3848377.25	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	9.35E-07	5.81E-07
3364	485863.09, 3848377.25	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	5.98E-04	2.07E-07	6.25E-07	6.92E-09	8.10E-08	8.80E-08	9.11E-07	5.66E-07
3365	486363.09, 3848377.25	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	8.78E-07	5.45E-07
3366	486863.09, 3848377.25	5.73E-04	5.99E-07	3.47E-07	8.24E-08	8.06E-09	9.04E-08	5.44E-04	1.88E-07	5.68E-07	6.28E-09	7.36E-08	7.99E-08	8.50E-07	5.25E-07
3367	487363.09, 3848377.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.11E-04	1.77E-07	5.34E-07	5.90E-09	6.92E-08	7.51E-08	8.13E-07	5.00E-07
3368	487863.09, 3848377.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	4.95E-04	1.71E-07	5.17E-07	5.72E-09	6.70E-08	7.28E-08	8.07E-07	4.94E-07
3369	488363.09, 3848377.25	5.06E-04	5.29E-07	3.06E-07	7.28E-08	7.12E-09	7.99E-08	4.79E-04	1.66E-07	5.01E-07	5.54E-09	6.49E-08	7.05E-08	8.05E-07	4.90E-07
3370	488863.09, 3848377.25	4.91E-04	5.14E-07	2.97E-07	7.07E-08	6.91E-09	7.76E-08	4.65E-04	1.61E-07	4.86E-07	5.38E-09	6.30E-08	6.84E-08	8.03E-07	4.86E-07
3371	489363.09, 3848377.25	4.82E-04	5.03E-07	2.91E-07	6.92E-08	6.77E-09	7.60E-08	4.56E-04	1.58E-07	4.76E-07	5.27E-09	6.17E-08	6.70E-08	8.08E-07	4.87E-07
3372	489863.09, 3848377.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	8.19E-07	4.92E-07
3373	490363.09, 3848377.25	4.64E-04	4.85E-07	2.80E-07	6.67E-08	6.52E-09	7.32E-08	4.39E-04	1.52E-07	4.58E-07	5.07E-09	5.94E-08	6.45E-08	8.18E-07	4.88E-07
3374	490863.09, 3848377.25	4.42E-04	4.62E-07	2.68E-07	6.36E-08	6.22E-09	6.98E-08	4.18E-04	1.45E-07	4.37E-07	4.83E-09	5.66E-08	6.15E-08	7.98E-07	4.74E-07
3375	491363.09, 3848377.25	4.23E-04	4.42E-07	2.56E-07	6.08E-08	5.95E-09	6.67E-08	4.01E-04	1.39E-07	4.19E-07	4.64E-09	5.43E-08	5.89E-08	7.86E-07	4.65E-07
3376	491863.09, 3848377.25	4.10E-04	4.28E-07	2.48E-07	5.89E-08	5.76E-09	6.47E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	7.81E-07	4.60E-07
3377	492363.09, 3848377.25	3.88E-04	4.06E-07	2.35E-07	5.59E-08	5.46E-09	6.13E-08	3.68E-04	1.27E-07	3.85E-07	4.26E-09	4.99E-08	5.41E-08	7.60E-07	4.46E-07
3378	492863.09, 3848377.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	7.40E-07	4.31E-07
3379	493363.09, 3848377.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.37E-04	1.17E-07	3.52E-07	3.89E-09	4.56E-08	4.95E-08	7.40E-07	4.29E-07
3380	493863.09, 3848377.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	7.39E-07	4.26E-07
3381	494363.09, 3848377.25	3.33E-04	3.48E-07	2.01E-07	4.79E-08	4.68E-09	5.26E-08	3.15E-04	1.09E-07	3.29E-07	3.64E-09	4.26E-08	4.63E-08	7.40E-07	4.25E-07
3382	494863.09, 3848377.25	3.31E-04	3.46E-07	2.00E-07	4.76E-08	4.66E-09	5.23E-08	3.12E-04	1.08E-07	3.26E-07	3.60E-09	4.22E-08	4.58E-08	7.56E-07	4.32E-07
3383	495363.09, 3848377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	7.50E-07	4.26E-07
3384	495863.09, 3848377.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	7.56E-07	4.28E-07
3385	496363.09, 3848377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	7.84E-07	4.43E-07
3386	496863.09, 3848377.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	7.93E-07	4.46E-07
3387	497363.09, 3848377.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	8.35E-07	4.68E-07
3388	497863.09, 3848377.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.35E-04	1.16E-07	3.50E-07	3.88E-09	4.54E-08	4.93E-08	9.36E-07	5.24E-07
3389	498363.09, 3848377.25	3.54E-04	3.70E-07	2.14E-07	5.09E-08	4.98E-09	5.59E-08	3.34E-04	1.16E-07	3.49E-07	3.86E-09	4.52E-08	4.90E-08	9.52E-07	5.32E-07
3390	471363.09, 3848877.25	5.84E-04	6.11E-07	3.54E-07	8.40E-08	8.22E-09	9.22E-08	5.56E-04	1.93E-07	5.81E-07	6.43E-09	7.53E-08	8.17E-08	8.16E-07	5.11E-07
3391	471863.09, 3848877.25	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.19E-04	2.14E-07	6.47E-07	7.15E-09	8.38E-08	9.09E-08	8.61E-07	5.46E-07
3392	472363.09, 3848877.25	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.02E-04	2.43E-07	7.34E-07	8.11E-09	9.50E-08	1.03E-07	9.20E-07	5.91E-07
3393	472863.09, 3848877.25	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	9.98E-07	6.55E-07
3394	473363.09, 3848877.25	1.06E-03	1.11E-06	6.41E-07	1.52E-07	1.49E-08	1.67E-07	1.01E-03	3.49E-07	1.05E-06	1.17E-08	1.37E-07	1.48E-07	1.11E-06	7.46E-07
3395	473863.09, 3848877.25	1.41E-03	1.47E-06	8.51E-07	2.02E-07	1.98E-08	2.22E-07	1.34E-03	4.63E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	1.31E-06	9.13E-07
3396	474363.09, 3848877.25	2.18E-03	2.28E-06	1.32E-06	3.14E-07	3.07E-08	3.45E-07	2.07E-03	7.18E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	1.79E-06	1.29E-06
3397	474863.09, 3848877.25	7.04E-03	7.36E-06	4.26E-06	1.01E-06	9.90E-08	1.11E-06	6.69E-03	2.32E-06	7.00E-06	7.74E-08	9.06E-07	9.84E-07	4.82E-06	3.72E-06
3398	475363.09, 3848877.25	1.51E-02	1.58E-05	9.17E-06	2.18E-06	2.13E-07	2.39E-06	1.44E-02	4.99E-06	1.51E-05	1.67E-07	1.95E-06	2.12E-06	7.98E-06	6.84E-06
3399	475863.09, 3848877.25	7.40E-03	7.73E-06	4.48E-06	1.06E-06	1.04E-07	1.17E-06	7.04E-03	2.44E-06	7.36E-06	8.14E-08	9.54E-07	1.04E-06	4.24E-06	3.50E-06
3400	476363.09, 3848877.25	5.18E-03	5.42E-06	3.13E-06	7.45E-07	7.29E-08	8.18E-07	4.93E-03	1.71E-06	5.16E-06	5.70E-08	6.68E-07	7.25E-07	3.14E-06	2.54E-06
3401	476863.09, 3848877.25	3.94E-03	4.12E-06	2.38E-06	5.67E-07	5.54E-08	6.22E-07	3.75E-03	1.30E-06	3.91E-06	4.33E-08	5.07E-07	5.51E-07	2.54E-06	2.00E-06
3402	477363.09, 3848877.25	3.57E-03	3.73E-06	2.16E-06	5.14E-07	5.02E-08	5.64E-07	3.39E-03	1.17E-06	3.54E-06	3.92E-08	4.59E-07	4.98E-07	2.34E-06	1.84E-06
3403	477863.09, 3848877.25	2.91E-03	3.04E-06	1.76E-06	4.18E-07	4.09E-08	4.59E-07	2.76E-03	9.57E-07	2.89E-06	3.20E-08	3.74E-07	4.06E-07	2.04E-06	1.56E-06
3404	478363.09, 3848877.25	2.45E-03	2.56E-06	1.48E-06	3.52E-07	3.45E-08	3.87E-07	2.34E-03	8.10E-07	2.44E-06	2.70E-08	3.17E-07	3.44E-07	1.84E-06	1.38E-06
3405	478863.09, 3848877.25	2.06E-03	2.15E-06	1.25E-06	2.96E-07	2.89E-08	3.25E-07	1.96E-03	6.78E-07	2.05E-06	2.26E-08	2.65E-07	2.88E-07	1.69E-06	1.22E-06
3406	479363.09, 3848877.25	1.70E-03	1.77E-06	1.03E-06	2.44E-07	2.39E-08	2.68E-07	1.61E-03	5.57E-07	1.68E-06	1.86E-08	2.18E-07	2.36E-07	1.52E-06	1.07E-06

3407	479863.09, 3848877.25	1.41E-03	1.47E-06	8.53E-07	2.03E-07	1.98E-08	2.23E-07	1.34E-03	4.63E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	1.36E-06	9.37E-07
3408	480363.09, 3848877.25	1.32E-03	1.38E-06	7.96E-07	1.89E-07	1.85E-08	2.08E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.84E-07	1.34E-06	9.08E-07
3409	480863.09, 3848877.25	1.24E-03	1.29E-06	7.48E-07	1.78E-07	1.74E-08	1.95E-07	1.18E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	1.35E-06	8.97E-07
3410	481363.09, 3848877.25	1.13E-03	1.18E-06	6.85E-07	1.63E-07	1.59E-08	1.79E-07	1.08E-03	3.73E-07	1.13E-06	1.25E-08	1.46E-07	1.58E-07	1.34E-06	8.75E-07
3411	481863.09, 3848877.25	1.02E-03	1.06E-06	6.14E-07	1.46E-07	1.43E-08	1.60E-07	9.63E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.42E-07	1.29E-06	8.28E-07
3412	482363.09, 3848877.25	9.01E-04	9.42E-07	5.45E-07	1.30E-07	1.27E-08	1.42E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	1.17E-06	7.46E-07
3413	482863.09, 3848877.25	8.11E-04	8.48E-07	4.91E-07	1.17E-07	1.14E-08	1.28E-07	7.69E-04	2.66E-07	8.04E-07	8.89E-09	1.04E-07	1.13E-07	1.08E-06	6.84E-07
3414	483363.09, 3848877.25	7.44E-04	7.78E-07	4.50E-07	1.07E-07	1.05E-08	1.17E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	1.03E-06	6.45E-07
3415	483863.09, 3848877.25	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	9.95E-07	6.22E-07
3416	484363.09, 3848877.25	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	1.06E-06	6.58E-07
3417	484863.09, 3848877.25	7.54E-04	7.88E-07	4.56E-07	1.08E-07	1.06E-08	1.19E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	1.10E-06	6.83E-07
3418	485363.09, 3848877.25	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	6.85E-04	2.37E-07	7.16E-07	7.91E-09	9.27E-08	1.01E-07	1.07E-06	6.62E-07
3419	485863.09, 3848877.25	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	1.04E-06	6.41E-07
3420	486363.09, 3848877.25	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	9.85E-07	6.07E-07
3421	486863.09, 3848877.25	6.14E-04	6.41E-07	3.71E-07	8.83E-08	8.63E-09	9.69E-08	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	9.32E-07	5.73E-07
3422	487363.09, 3848877.25	5.97E-04	6.24E-07	3.61E-07	8.59E-08	8.40E-09	9.43E-08	5.66E-04	1.96E-07	5.91E-07	6.54E-09	7.66E-08	8.31E-08	9.26E-07	5.67E-07
3423	487863.09, 3848877.25	5.71E-04	5.97E-07	3.46E-07	8.22E-08	8.03E-09	9.02E-08	5.42E-04	1.88E-07	5.67E-07	6.27E-09	7.34E-08	7.97E-08	9.04E-07	5.51E-07
3424	488363.09, 3848877.25	5.53E-04	5.78E-07	3.35E-07	7.96E-08	7.78E-09	8.74E-08	5.23E-04	1.81E-07	5.47E-07	6.05E-09	7.09E-08	7.69E-08	9.02E-07	5.46E-07
3425	488863.09, 3848877.25	5.34E-04	5.58E-07	3.23E-07	7.68E-08	7.51E-09	8.43E-08	5.04E-04	1.75E-07	5.27E-07	5.83E-09	6.83E-08	7.41E-08	8.94E-07	5.39E-07
3426	489363.09, 3848877.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	4.93E-04	1.71E-07	5.16E-07	5.70E-09	6.68E-08	7.25E-08	8.93E-07	5.36E-07
3427	489863.09, 3848877.25	5.13E-04	5.36E-07	3.10E-07	7.37E-08	7.21E-09	8.09E-08	4.84E-04	1.68E-07	5.06E-07	5.60E-09	6.56E-08	7.11E-08	9.02E-07	5.39E-07
3428	490363.09, 3848877.25	4.88E-04	5.10E-07	2.95E-07	7.02E-08	6.86E-09	7.70E-08	4.61E-04	1.59E-07	4.81E-07	5.32E-09	6.24E-08	6.77E-08	8.89E-07	5.27E-07
3429	490863.09, 3848877.25	4.64E-04	4.85E-07	2.80E-07	6.67E-08	6.52E-09	7.32E-08	4.39E-04	1.52E-07	4.58E-07	5.07E-09	5.94E-08	6.45E-08	8.72E-07	5.15E-07
3430	491363.09, 3848877.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.21E-04	1.46E-07	4.40E-07	4.87E-09	5.71E-08	6.19E-08	8.61E-07	5.05E-07
3431	491863.09, 3848877.25	4.19E-04	4.38E-07	2.54E-07	6.03E-08	5.90E-09	6.62E-08	3.96E-04	1.37E-07	4.14E-07	4.58E-09	5.37E-08	5.83E-08	8.34E-07	4.87E-07
3432	492363.09, 3848877.25	3.95E-04	4.13E-07	2.39E-07	5.68E-08	5.55E-09	6.24E-08	3.73E-04	1.29E-07	3.90E-07	4.31E-09	5.05E-08	5.48E-08	8.08E-07	4.70E-07
3433	492863.09, 3848877.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	7.86E-07	4.54E-07
3434	493363.09, 3848877.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	7.64E-07	4.38E-07
3435	493863.09, 3848877.25	3.40E-04	3.55E-07	2.05E-07	4.88E-08	4.77E-09	5.36E-08	3.21E-04	1.11E-07	3.36E-07	3.71E-09	4.35E-08	4.72E-08	7.80E-07	4.45E-07
3436	494363.09, 3848877.25	3.31E-04	3.46E-07	2.00E-07	4.76E-08	4.66E-09	5.23E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	7.89E-07	4.49E-07
3437	494863.09, 3848877.25	3.33E-04	3.48E-07	2.01E-07	4.79E-08	4.68E-09	5.26E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	8.07E-07	4.57E-07
3438	495363.09, 3848877.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	8.26E-07	4.66E-07
3439	495863.09, 3848877.25	3.12E-04	3.26E-07	1.89E-07	4.48E-08	4.38E-09	4.92E-08	2.95E-04	1.02E-07	3.08E-07	3.40E-09	3.99E-08	4.33E-08	8.16E-07	4.58E-07
3440	496363.09, 3848877.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	8.31E-07	4.65E-07
3441	496863.09, 3848877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.02E-04	1.05E-07	3.16E-07	3.49E-09	4.09E-08	4.44E-08	8.73E-07	4.87E-07
3442	497363.09, 3848877.25	3.51E-04	3.67E-07	2.12E-07	5.05E-08	4.94E-09	5.54E-08	3.31E-04	1.14E-07	3.45E-07	3.82E-09	4.48E-08	4.86E-08	9.55E-07	5.33E-07
3443	497863.09, 3848877.25	3.61E-04	3.77E-07	2.18E-07	5.19E-08	5.07E-09	5.69E-08	3.38E-04	1.17E-07	3.54E-07	3.91E-09	4.58E-08	4.97E-08	1.00E-06	5.59E-07
3444	498363.09, 3848877.25	3.66E-04	3.82E-07	2.21E-07	5.26E-08	5.14E-09	5.77E-08	3.43E-04	1.19E-07	3.59E-07	3.97E-09	4.65E-08	5.04E-08	1.04E-06	5.77E-07
3445	471363.09, 3849377.25	5.13E-04	5.36E-07	3.10E-07	7.37E-08	7.21E-09	8.09E-08	4.87E-04	1.69E-07	5.09E-07	5.63E-09	6.60E-08	7.16E-08	8.05E-07	4.92E-07
3446	471863.09, 3849377.25	5.68E-04	5.94E-07	3.44E-07	8.17E-08	7.99E-09	8.97E-08	5.39E-04	1.87E-07	5.63E-07	6.23E-09	7.30E-08	7.92E-08	8.47E-07	5.23E-07
3447	472363.09, 3849377.25	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	5.98E-04	2.07E-07	6.25E-07	6.92E-09	8.10E-08	8.80E-08	8.95E-07	5.58E-07
3448	472863.09, 3849377.25	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	9.55E-07	6.03E-07
3449	473363.09, 3849377.25	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	7.90E-04	2.73E-07	8.25E-07	9.13E-09	1.07E-07	1.16E-07	1.04E-06	6.66E-07
3450	473863.09, 3849377.25	1.00E-03	1.05E-06	6.07E-07	1.44E-07	1.41E-08	1.58E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	1.15E-06	7.56E-07
3451	474363.09, 3849377.25	1.28E-03	1.33E-06	7.72E-07	1.84E-07	1.80E-08	2.02E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	1.32E-06	8.91E-07
3452	474863.09, 3849377.25	1.77E-03	1.85E-06	1.07E-06	2.54E-07	2.49E-08	2.79E-07	1.68E-03	5.81E-07	1.75E-06	1.94E-08	2.27E-07	2.47E-07	1.61E-06	1.13E-06
3453	475363.09, 3849377.25	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.55E-07	2.74E-03	9.47E-07	2.86E-06	3.16E-08	3.71E-07	4.02E-07	2.27E-06	1.66E-06
3454	475863.09, 3849377.25	4.97E-03	5.19E-06	3.01E-06	7.15E-07	6.99E-08	7.85E-07	4.73E-03	1.64E-06	4.95E-06	5.47E-08	6.41E-07	6.96E-07	3.86E-06	2.85E-06
3455	476363.09, 3849377.25	1.08E-02	1.13E-05	6.56E-06	1.56E-06	1.52E-07	1.71E-06	1.03E-02	3.58E-06	1.08E-05	1.20E-07	1.40E-06	1.52E-06	8.04E-06	6.03E-06
3456	476863.09, 3849377.25	3.02E-02	3.15E-05	1.83E-05	4.34E-06	4.24E-07	4.76E-06	2.86E-02	9.91E-06	2.99E-05	3.31E-07	3.88E-06	4.21E-06	1.74E-05	1.43E-05
3457	477363.09, 3849377.25	8.64E-03	9.04E-06	5.23E-06	1.24E-06	1.22E-07	1.36E-06	8.23E-03	2.85E-06	8.60E-06	9.51E-08	1.11E-06	1.21E-06	5.63E-06	4.42E-06
3458	477863.09, 3849377.25	5.19E-03	5.43E-06	3.14E-06	7.47E-07	7.30E-08	8.20E-07	4.94E-03	1.71E-06	5.16E-06	5.71E-08	6.69E-07	7.26E-07	3.66E-06	2.79E-06
3459	478363.09, 3849377.25	3.82E-03	3.99E-06	2.31E-06	5.49E-07	5.37E-08	6.03E-07	3.64E-03	1.26E-06	3.80E-06	4.20E-08	4.92E-07	5.34E-07	2.95E-06	2.18E-06
3460	478863.09, 3849377.25	2.88E-03	3.01E-06	1.74E-06	4.14E-07	4.05E-08	4.55E-07	2.75E-03	9.51E-07	2.87E-06	3.18E-08	3.72E-07	4.04E-07	2.54E-06	1.80E-06
3461	479363.09, 3849377.25	2.36E-03	2.47E-06	1.43E-06	3.39E-07	3.32E-08	3.73E-07	2.25E-03	7.78E-07	2.35E-06	2.60E-08	3.04E-07	3.30E-07	2.29E-06	1.57E-06
3462	479863.09, 3849377.25	1.86E-03	1.95E-06	1.13E-06	2.68E-07	2.62E-08	2.94E-07	1.77E-03	6.11E-07	1.85E-06	2.04E-08	2.39E-07	2.59E-07	1.96E-06	1.32E-06
3463	480363.09, 3849377.25	1.76E-03	1.84E-06	1.07E-06	2.53E-07	2.48E-08	2.78E-07	1.67E-03	5.79E-07	1.75E-06	1.93E-08	2.27E-07	2.46E-07	1.93E-06	1.28E-06
3464	480863.09, 3849377.25	1.55E-03	1.62E-06	9.37E-07	2.23E-07	2.18E-08	2.45E-07	1.47E-03	5.09E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	1.78E-06	1.17E-06
3465	481363.09, 3849377.25	1.32E-03	1.38E-06	7.99E-07	1.90E-07	1.86E-08	2.08E-07	1.26E-03	4.36E-07	1.32E-06	1.46E-08	1.71E-07	1.85E-07	1.64E-06	1.06E-06
3466	481863.09, 3849377.25	1.09E-03	1.13E-06	6.57E-07	1.56E-07	1.53E-08	1.71E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	1.45E-06	9.15E-07
3467	482363.09, 3849377.25	9.70E-04	1.01E-06	5.87E-07	1.39E-07	1.36E-08	1.53E-07	9.21E-04	3.19E-07	9.63E-07	1.06E-08	1.25E-07	1.35E-07	1.32E-06	8.33E-07
3468	482863.09, 3849377.25	8.55E-04	8.94E-07	5.18E-07	1.23E-07	1.20E-08	1.35E-07	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	1.19E-06	7.47E-07

3469	483363.09, 3849377.25	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.46E-04	2.58E-07	7.79E-07	8.62E-09	1.01E-07	1.10E-07	1.11E-06	6.95E-07
3470	483863.09, 3849377.25	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	1.02E-06	6.34E-07
3471	484363.09, 3849377.25	8.05E-04	8.41E-07	4.87E-07	1.16E-07	1.13E-08	1.27E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	1.19E-06	7.34E-07
3472	484863.09, 3849377.25	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	1.27E-06	7.78E-07
3473	485363.09, 3849377.25	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	1.23E-06	7.55E-07
3474	485863.09, 3849377.25	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	1.09E-06	6.67E-07
3475	486363.09, 3849377.25	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	5.98E-04	2.07E-07	6.25E-07	6.92E-09	8.10E-08	8.80E-08	9.81E-07	6.00E-07
3476	486863.09, 3849377.25	6.58E-04	6.88E-07	3.98E-07	9.46E-08	9.25E-09	1.04E-07	6.23E-04	2.16E-07	6.52E-07	7.21E-09	8.44E-08	9.16E-08	1.03E-06	6.30E-07
3477	487363.09, 3849377.25	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.11E-04	2.11E-07	6.39E-07	7.06E-09	8.27E-08	8.98E-08	1.04E-06	6.29E-07
3478	487863.09, 3849377.25	6.19E-04	6.47E-07	3.74E-07	8.90E-08	8.70E-09	9.77E-08	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	1.02E-06	6.17E-07
3479	488363.09, 3849377.25	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.62E-04	1.95E-07	5.88E-07	6.50E-09	7.62E-08	8.27E-08	1.01E-06	6.08E-07
3480	488863.09, 3849377.25	5.78E-04	6.04E-07	3.50E-07	8.31E-08	8.13E-09	9.12E-08	5.45E-04	1.89E-07	5.70E-07	6.30E-09	7.38E-08	8.01E-08	1.01E-06	6.01E-07
3481	489363.09, 3849377.25	5.60E-04	5.85E-07	3.39E-07	8.05E-08	7.87E-09	8.84E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	1.00E-06	5.97E-07
3482	489863.09, 3849377.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.09E-04	1.76E-07	5.32E-07	5.89E-09	6.89E-08	7.48E-08	9.91E-07	5.87E-07
3483	490363.09, 3849377.25	5.09E-04	5.32E-07	3.08E-07	7.32E-08	7.16E-09	8.04E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	9.72E-07	5.72E-07
3484	490863.09, 3849377.25	4.86E-04	5.08E-07	2.94E-07	6.99E-08	6.84E-09	7.68E-08	4.59E-04	1.59E-07	4.80E-07	5.31E-09	6.22E-08	6.75E-08	9.59E-07	5.61E-07
3485	491363.09, 3849377.25	4.65E-04	4.86E-07	2.81E-07	6.69E-08	6.54E-09	7.34E-08	4.40E-04	1.52E-07	4.60E-07	5.09E-09	5.96E-08	6.47E-08	9.47E-07	5.51E-07
3486	491863.09, 3849377.25	4.36E-04	4.56E-07	2.64E-07	6.27E-08	6.13E-09	6.88E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	9.11E-07	5.28E-07
3487	492363.09, 3849377.25	4.10E-04	4.28E-07	2.48E-07	5.89E-08	5.76E-09	6.47E-08	3.87E-04	1.34E-07	4.04E-07	4.47E-09	5.24E-08	5.69E-08	8.85E-07	5.10E-07
3488	492863.09, 3849377.25	3.75E-04	3.92E-07	2.27E-07	5.40E-08	5.28E-09	5.93E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	8.51E-07	4.87E-07
3489	493363.09, 3849377.25	3.57E-04	3.74E-07	2.16E-07	5.14E-08	5.03E-09	5.64E-08	3.38E-04	1.17E-07	3.54E-07	3.91E-09	4.58E-08	4.97E-08	8.41E-07	4.79E-07
3490	493863.09, 3849377.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	8.49E-07	4.81E-07
3491	494363.09, 3849377.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	8.70E-07	4.90E-07
3492	494863.09, 3849377.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	9.26E-07	5.21E-07
3493	495363.09, 3849377.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	9.47E-07	5.31E-07
3494	495863.09, 3849377.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	8.89E-07	4.94E-07
3495	496363.09, 3849377.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	8.89E-07	4.93E-07
3496	496863.09, 3849377.25	3.49E-04	3.65E-07	2.11E-07	5.02E-08	4.91E-09	5.51E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	9.96E-07	5.52E-07
3497	497363.09, 3849377.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.32E-04	1.15E-07	3.47E-07	3.84E-09	4.50E-08	4.88E-08	1.03E-06	5.71E-07
3498	497863.09, 3849377.25	3.92E-04	4.09E-07	2.37E-07	5.63E-08	5.51E-09	6.18E-08	3.65E-04	1.26E-07	3.81E-07	4.22E-09	4.94E-08	5.36E-08	1.16E-06	6.41E-07
3499	498363.09, 3849377.25	3.79E-04	3.96E-07	2.29E-07	5.45E-08	5.33E-09	5.98E-08	3.52E-04	1.22E-07	3.68E-07	4.07E-09	4.77E-08	5.18E-08	1.15E-06	6.32E-07
3500	471363.09, 3849877.25	4.34E-04	4.54E-07	2.63E-07	6.24E-08	6.11E-09	6.85E-08	4.10E-04	1.42E-07	4.29E-07	4.74E-09	5.56E-08	6.03E-08	7.88E-07	4.68E-07
3501	471863.09, 3849877.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	8.49E-07	5.12E-07
3502	472363.09, 3849877.25	5.63E-04	5.89E-07	3.41E-07	8.10E-08	7.92E-09	8.89E-08	5.34E-04	1.85E-07	5.58E-07	6.17E-09	7.23E-08	7.85E-08	8.95E-07	5.45E-07
3503	472863.09, 3849877.25	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	9.32E-07	5.74E-07
3504	473363.09, 3849877.25	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.55E-04	2.27E-07	6.84E-07	7.57E-09	8.87E-08	9.62E-08	9.84E-07	6.13E-07
3505	473863.09, 3849877.25	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	1.05E-06	6.61E-07
3506	474363.09, 3849877.25	9.08E-04	9.49E-07	5.49E-07	1.31E-07	1.28E-08	1.43E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	1.12E-06	7.21E-07
3507	474863.09, 3849877.25	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	1.21E-06	7.95E-07
3508	475363.09, 3849877.25	1.28E-03	1.34E-06	7.74E-07	1.84E-07	1.80E-08	2.02E-07	1.21E-03	4.20E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	1.33E-06	8.98E-07
3509	475863.09, 3849877.25	1.57E-03	1.64E-06	9.47E-07	2.25E-07	2.20E-08	2.47E-07	1.48E-03	5.13E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	1.57E-06	1.07E-06
3510	476363.09, 3849877.25	2.00E-03	2.09E-06	1.21E-06	2.87E-07	2.81E-08	3.15E-07	1.89E-03	6.55E-07	1.98E-06	2.19E-08	2.56E-07	2.78E-07	1.92E-06	1.32E-06
3511	476863.09, 3849877.25	2.96E-03	3.09E-06	1.79E-06	4.25E-07	4.16E-08	4.67E-07	2.81E-03	9.73E-07	2.94E-06	3.25E-08	3.81E-07	4.13E-07	2.60E-06	1.84E-06
3512	477363.09, 3849877.25	7.00E-03	7.31E-06	4.23E-06	1.01E-06	9.84E-08	1.10E-06	6.64E-03	2.30E-06	6.94E-06	7.67E-08	8.99E-07	9.76E-07	5.49E-06	4.03E-06
3513	477863.09, 3849877.25	3.31E-02	3.46E-05	2.00E-05	4.76E-06	4.65E-07	5.22E-06	3.20E-02	1.11E-05	3.34E-05	3.70E-07	4.33E-06	4.70E-06	2.52E-05	1.88E-05
3514	478363.09, 3849877.25	9.12E-03	9.53E-06	5.52E-06	1.31E-06	1.28E-07	1.44E-06	8.72E-03	3.02E-06	9.12E-06	1.01E-07	1.18E-06	1.28E-06	7.88E-06	5.62E-06
3515	478863.09, 3849877.25	5.48E-03	5.73E-06	3.32E-06	7.88E-07	7.71E-08	8.66E-07	5.24E-03	1.81E-06	5.48E-06	6.06E-08	7.09E-07	7.70E-07	5.05E-06	3.53E-06
3516	479363.09, 3849877.25	3.76E-03	3.93E-06	2.28E-06	5.41E-07	5.29E-08	5.94E-07	3.60E-03	1.25E-06	3.76E-06	4.16E-08	4.87E-07	5.29E-07	3.89E-06	2.63E-06
3517	479863.09, 3849877.25	3.01E-03	3.14E-06	1.82E-06	4.32E-07	4.23E-08	4.74E-07	2.86E-03	9.91E-07	2.99E-06	3.31E-08	3.88E-07	4.21E-07	3.27E-06	2.18E-06
3518	480363.09, 3849877.25	2.30E-03	2.40E-06	1.39E-06	3.31E-07	3.23E-08	3.63E-07	2.19E-03	7.57E-07	2.29E-06	2.53E-08	2.96E-07	3.21E-07	2.77E-06	1.79E-06
3519	480863.09, 3849877.25	1.87E-03	1.96E-06	1.13E-06	2.69E-07	2.63E-08	2.95E-07	1.77E-03	6.14E-07	1.86E-06	2.05E-08	2.40E-07	2.61E-07	2.39E-06	1.53E-06
3520	481363.09, 3849877.25	1.59E-03	1.67E-06	9.65E-07	2.29E-07	2.24E-08	2.52E-07	1.52E-03	5.26E-07	1.59E-06	1.76E-08	2.06E-07	2.23E-07	2.13E-06	1.35E-06
3521	481863.09, 3849877.25	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.18E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	1.73E-06	1.08E-06
3522	482363.09, 3849877.25	1.06E-03	1.11E-06	6.42E-07	1.53E-07	1.49E-08	1.67E-07	1.01E-03	3.49E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	1.51E-06	9.44E-07
3523	482863.09, 3849877.25	9.40E-04	9.83E-07	5.69E-07	1.35E-07	1.32E-08	1.48E-07	8.93E-04	3.09E-07	9.33E-07	1.03E-08	1.21E-07	1.31E-07	1.36E-06	8.46E-07
3524	483363.09, 3849877.25	8.36E-04	8.74E-07	5.06E-07	1.20E-07	1.18E-08	1.32E-07	7.93E-04	2.74E-07	8.28E-07	9.16E-09	1.07E-07	1.17E-07	1.23E-06	7.60E-07
3525	483863.09, 3849877.25	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.53E-04	2.61E-07	7.88E-07	8.71E-09	1.02E-07	1.11E-07	1.19E-06	7.33E-07
3526	484363.09, 3849877.25	8.73E-04	9.13E-07	5.28E-07	1.26E-07	1.23E-08	1.38E-07	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	1.33E-06	8.18E-07
3527	484863.09, 3849877.25	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	1.46E-06	8.93E-07
3528	485363.09, 3849877.25	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	8.18E-04	2.83E-07	8.55E-07	9.45E-09	1.11E-07	1.20E-07	1.39E-06	8.43E-07
3529	485863.09, 3849877.25	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	1.26E-06	7.66E-07
3530	486363.09, 3849877.25	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	1.18E-06	7.18E-07

3531	486863.09, 3849877.25	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	6.94E-04	2.40E-07	7.25E-07	8.02E-09	9.40E-08	1.02E-07	1.20E-06	7.27E-07
3532	487363.09, 3849877.25	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	1.18E-06	7.10E-07
3533	487863.09, 3849877.25	6.71E-04	7.01E-07	4.06E-07	9.65E-08	9.43E-09	1.06E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	1.15E-06	6.89E-07
3534	488363.09, 3849877.25	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	1.13E-06	6.77E-07
3535	488863.09, 3849877.25	6.22E-04	6.50E-07	3.76E-07	8.94E-08	8.75E-09	9.82E-08	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	1.13E-06	6.68E-07
3536	489363.09, 3849877.25	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.61E-04	1.94E-07	5.86E-07	6.48E-09	7.59E-08	8.24E-08	1.12E-06	6.59E-07
3537	489863.09, 3849877.25	5.66E-04	5.92E-07	3.43E-07	8.14E-08	7.97E-09	8.94E-08	5.33E-04	1.84E-07	5.57E-07	6.16E-09	7.21E-08	7.83E-08	1.10E-06	6.44E-07
3538	490363.09, 3849877.25	5.35E-04	5.60E-07	3.24E-07	7.70E-08	7.53E-09	8.45E-08	5.04E-04	1.75E-07	5.27E-07	5.83E-09	6.83E-08	7.41E-08	1.07E-06	6.26E-07
3539	490863.09, 3849877.25	5.11E-04	5.34E-07	3.09E-07	7.35E-08	7.18E-09	8.07E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	1.06E-06	6.15E-07
3540	491363.09, 3849877.25	4.88E-04	5.10E-07	2.95E-07	7.02E-08	6.86E-09	7.70E-08	4.61E-04	1.59E-07	4.81E-07	5.32E-09	6.24E-08	6.77E-08	1.05E-06	6.06E-07
3541	491863.09, 3849877.25	4.57E-04	4.78E-07	2.77E-07	6.57E-08	6.43E-09	7.21E-08	4.31E-04	1.49E-07	4.50E-07	4.98E-09	5.83E-08	6.33E-08	1.01E-06	5.82E-07
3542	492363.09, 3849877.25	4.31E-04	4.50E-07	2.61E-07	6.20E-08	6.06E-09	6.80E-08	4.06E-04	1.40E-07	4.24E-07	4.69E-09	5.49E-08	5.96E-08	9.88E-07	5.64E-07
3543	492863.09, 3849877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.78E-04	1.31E-07	3.95E-07	4.36E-09	5.11E-08	5.55E-08	9.61E-07	5.45E-07
3544	493363.09, 3849877.25	3.74E-04	3.91E-07	2.26E-07	5.38E-08	5.26E-09	5.90E-08	3.51E-04	1.21E-07	3.67E-07	4.06E-09	4.75E-08	5.16E-08	9.42E-07	5.31E-07
3545	493863.09, 3849877.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.35E-04	1.16E-07	3.50E-07	3.88E-09	4.54E-08	4.93E-08	9.36E-07	5.25E-07
3546	494363.09, 3849877.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.57E-04	1.24E-07	3.73E-07	4.13E-09	4.84E-08	5.25E-08	1.01E-06	5.64E-07
3547	494863.09, 3849877.25	3.93E-04	4.11E-07	2.38E-07	5.66E-08	5.53E-09	6.21E-08	3.68E-04	1.27E-07	3.85E-07	4.26E-09	4.99E-08	5.41E-08	1.07E-06	5.95E-07
3548	495363.09, 3849877.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.38E-04	1.17E-07	3.54E-07	3.91E-09	4.58E-08	4.97E-08	1.03E-06	5.69E-07
3549	495863.09, 3849877.25	3.79E-04	3.96E-07	2.29E-07	5.45E-08	5.33E-09	5.98E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	1.09E-06	6.02E-07
3550	496363.09, 3849877.25	3.79E-04	3.96E-07	2.29E-07	5.45E-08	5.33E-09	5.98E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	1.12E-06	6.18E-07
3551	496863.09, 3849877.25	3.77E-04	3.94E-07	2.28E-07	5.42E-08	5.30E-09	5.95E-08	3.52E-04	1.22E-07	3.68E-07	4.07E-09	4.77E-08	5.18E-08	1.14E-06	6.30E-07
3552	497363.09, 3849877.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.71E-04	1.29E-07	3.88E-07	4.29E-09	5.03E-08	5.46E-08	1.24E-06	6.80E-07
3553	497863.09, 3849877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.73E-04	1.29E-07	3.90E-07	4.31E-09	5.05E-08	5.48E-08	1.28E-06	6.99E-07
3554	498363.09, 3849877.25	3.90E-04	4.08E-07	2.36E-07	5.61E-08	5.49E-09	6.16E-08	3.62E-04	1.25E-07	3.78E-07	4.18E-09	4.90E-08	5.32E-08	1.26E-06	6.89E-07
3555	471363.09, 3850377.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	7.41E-07	4.23E-07
3556	471863.09, 3850377.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	8.16E-07	4.77E-07
3557	472363.09, 3850377.25	4.65E-04	4.86E-07	2.81E-07	6.69E-08	6.54E-09	7.34E-08	4.39E-04	1.52E-07	4.58E-07	5.07E-09	5.94E-08	6.45E-08	8.63E-07	5.10E-07
3558	472863.09, 3850377.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.09E-04	1.76E-07	5.32E-07	5.89E-09	6.89E-08	7.48E-08	9.19E-07	5.52E-07
3559	473363.09, 3850377.25	5.88E-04	6.14E-07	3.56E-07	8.45E-08	8.26E-09	9.28E-08	5.58E-04	1.93E-07	5.83E-07	6.45E-09	7.55E-08	8.20E-08	9.59E-07	5.81E-07
3560	473863.09, 3850377.25	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	9.99E-07	6.12E-07
3561	474363.09, 3850377.25	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	1.05E-06	6.51E-07
3562	474863.09, 3850377.25	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	1.10E-06	6.91E-07
3563	475363.09, 3850377.25	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.49E-04	2.94E-07	8.87E-07	9.81E-09	1.15E-07	1.25E-07	1.17E-06	7.43E-07
3564	475863.09, 3850377.25	1.03E-03	1.07E-06	6.22E-07	1.48E-07	1.45E-08	1.62E-07	9.78E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.44E-07	1.29E-06	8.27E-07
3565	476363.09, 3850377.25	1.20E-03	1.25E-06	7.25E-07	1.72E-07	1.68E-08	1.89E-07	1.13E-03	3.93E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	1.45E-06	9.37E-07
3566	476863.09, 3850377.25	1.45E-03	1.51E-06	8.75E-07	2.08E-07	2.03E-08	2.28E-07	1.37E-03	4.73E-07	1.43E-06	1.58E-08	1.85E-07	2.01E-07	1.66E-06	1.09E-06
3567	477363.09, 3850377.25	1.86E-03	1.95E-06	1.13E-06	2.68E-07	2.62E-08	2.94E-07	1.76E-03	6.11E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	1.98E-06	1.33E-06
3568	477863.09, 3850377.25	2.79E-03	2.91E-06	1.69E-06	4.01E-07	3.92E-08	4.40E-07	2.64E-03	9.15E-07	2.76E-06	3.06E-08	3.58E-07	3.89E-07	2.70E-06	1.86E-06
3569	478363.09, 3850377.25	6.62E-03	6.92E-06	4.00E-06	9.52E-07	9.31E-08	1.04E-06	6.22E-03	2.15E-06	6.50E-06	7.19E-08	8.42E-07	9.14E-07	5.64E-06	4.02E-06
3570	478863.09, 3850377.25	3.71E-02	3.87E-05	2.24E-05	5.33E-06	5.21E-07	5.85E-06	3.65E-02	1.26E-05	3.82E-05	4.22E-07	4.95E-06	5.37E-06	3.32E-05	2.35E-05
3571	479363.09, 3850377.25	9.55E-03	9.98E-06	5.78E-06	1.37E-06	1.34E-07	1.51E-06	9.19E-03	3.18E-06	9.61E-06	1.06E-07	1.25E-06	1.35E-06	1.15E-05	7.47E-06
3572	479863.09, 3850377.25	5.30E-03	5.54E-06	3.21E-06	7.63E-07	7.46E-08	8.37E-07	5.08E-03	1.76E-06	5.31E-06	5.88E-08	6.89E-07	7.47E-07	6.94E-06	4.41E-06
3573	480363.09, 3850377.25	3.67E-03	3.83E-06	2.22E-06	5.27E-07	5.16E-08	5.79E-07	3.50E-03	1.21E-06	3.66E-06	4.05E-08	4.75E-07	5.15E-07	5.04E-06	3.17E-06
3574	480863.09, 3850377.25	2.92E-03	3.05E-06	1.77E-06	4.20E-07	4.10E-08	4.61E-07	2.78E-03	9.63E-07	2.91E-06	3.21E-08	3.77E-07	4.09E-07	3.95E-06	2.49E-06
3575	481363.09, 3850377.25	2.03E-03	2.12E-06	1.23E-06	2.91E-07	2.85E-08	3.20E-07	1.92E-03	6.66E-07	2.01E-06	2.22E-08	2.61E-07	2.83E-07	2.93E-06	1.82E-06
3576	481863.09, 3850377.25	1.73E-03	1.81E-06	1.05E-06	2.49E-07	2.44E-08	2.73E-07	1.65E-03	5.71E-07	1.72E-06	1.91E-08	2.23E-07	2.42E-07	2.58E-06	1.59E-06
3577	482363.09, 3850377.25	1.50E-03	1.56E-06	9.06E-07	2.15E-07	2.10E-08	2.36E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.09E-07	2.29E-06	1.41E-06
3578	482863.09, 3850377.25	1.19E-03	1.25E-06	7.22E-07	1.72E-07	1.68E-08	1.88E-07	1.13E-03	3.91E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	1.80E-06	1.11E-06
3579	483363.09, 3850377.25	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.65E-04	3.34E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	1.54E-06	9.46E-07
3580	483863.09, 3850377.25	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.40E-04	3.25E-07	9.82E-07	1.09E-08	1.27E-07	1.38E-07	1.53E-06	9.36E-07
3581	484363.09, 3850377.25	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	1.59E-06	9.69E-07
3582	484863.09, 3850377.25	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	1.64E-06	9.98E-07
3583	485363.09, 3850377.25	9.63E-04	1.01E-06	5.83E-07	1.38E-07	1.35E-08	1.52E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	1.59E-06	9.61E-07
3584	485863.09, 3850377.25	8.83E-04	9.23E-07	5.34E-07	1.27E-07	1.24E-08	1.39E-07	8.33E-04	2.88E-07	8.71E-07	9.63E-09	1.13E-07	1.22E-07	1.48E-06	8.94E-07
3585	486363.09, 3850377.25	8.39E-04	8.77E-07	5.08E-07	1.21E-07	1.18E-08	1.32E-07	7.93E-04	2.74E-07	8.28E-07	9.16E-09	1.07E-07	1.17E-07	1.43E-06	8.59E-07
3586	486863.09, 3850377.25	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	1.38E-06	8.29E-07
3587	487363.09, 3850377.25	7.51E-04	7.85E-07	4.54E-07	1.08E-07	1.06E-08	1.19E-07	7.10E-04	2.46E-07	7.42E-07	8.20E-09	9.61E-08	1.04E-07	1.32E-06	7.90E-07
3588	487863.09, 3850377.25	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	1.30E-06	7.72E-07
3589	488363.09, 3850377.25	6.87E-04	7.18E-07	4.16E-07	9.88E-08	9.66E-09	1.08E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	1.28E-06	7.54E-07
3590	488863.09, 3850377.25	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	1.26E-06	7.43E-07
3591	489363.09, 3850377.25	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	5.92E-04	2.05E-07	6.19E-07	6.84E-09	8.02E-08	8.70E-08	1.25E-06	7.32E-07
3592	489863.09, 3850377.25	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.59E-04	1.94E-07	5.85E-07	6.46E-09	7.57E-08	8.22E-08	1.23E-06	7.13E-07

3593	490363.09, 3850377.25	5.65E-04	5.90E-07	3.42E-07	8.12E-08	7.94E-09	8.92E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	1.20E-06	6.95E-07
3594	490863.09, 3850377.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.06E-04	1.75E-07	5.29E-07	5.85E-09	6.85E-08	7.44E-08	1.19E-06	6.84E-07
3595	491363.09, 3850377.25	5.13E-04	5.36E-07	3.10E-07	7.37E-08	7.21E-09	8.09E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	1.18E-06	6.74E-07
3596	491863.09, 3850377.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.48E-04	1.55E-07	4.68E-07	5.18E-09	6.07E-08	6.59E-08	1.15E-06	6.50E-07
3597	492363.09, 3850377.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	1.10E-06	6.22E-07
3598	492863.09, 3850377.25	4.23E-04	4.42E-07	2.56E-07	6.08E-08	5.95E-09	6.67E-08	3.96E-04	1.37E-07	4.14E-07	4.58E-09	5.37E-08	5.83E-08	1.09E-06	6.10E-07
3599	493363.09, 3850377.25	3.97E-04	4.15E-07	2.40E-07	5.70E-08	5.58E-09	6.26E-08	3.71E-04	1.29E-07	3.88E-07	4.29E-09	5.03E-08	5.46E-08	1.07E-06	5.96E-07
3600	493863.09, 3850377.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.76E-04	1.30E-07	3.93E-07	4.35E-09	5.09E-08	5.53E-08	1.11E-06	6.16E-07
3601	494363.09, 3850377.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	1.14E-06	6.32E-07
3602	494863.09, 3850377.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	3.84E-04	1.33E-07	4.01E-07	4.44E-09	5.20E-08	5.64E-08	1.20E-06	6.65E-07
3603	495363.09, 3850377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	1.28E-06	7.03E-07
3604	495863.09, 3850377.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	3.76E-04	1.30E-07	3.93E-07	4.35E-09	5.09E-08	5.53E-08	1.25E-06	6.86E-07
3605	496363.09, 3850377.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	1.32E-06	7.24E-07
3606	496863.09, 3850377.25	4.26E-04	4.45E-07	2.58E-07	6.13E-08	5.99E-09	6.73E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	1.39E-06	7.56E-07
3607	497363.09, 3850377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	3.92E-04	1.36E-07	4.09E-07	4.53E-09	5.30E-08	5.76E-08	1.41E-06	7.68E-07
3608	497863.09, 3850377.25	4.15E-04	4.33E-07	2.51E-07	5.96E-08	5.83E-09	6.54E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	1.41E-06	7.65E-07
3609	498363.09, 3850377.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	1.41E-06	7.61E-07
3610	471363.09, 3850877.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.12E-04	1.08E-07	3.26E-07	3.60E-09	4.22E-08	4.58E-08	7.95E-07	4.51E-07
3611	471863.09, 3850877.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.46E-04	1.20E-07	3.62E-07	4.00E-09	4.69E-08	5.09E-08	8.30E-07	4.75E-07
3612	472363.09, 3850877.25	4.18E-04	4.37E-07	2.53E-07	6.01E-08	5.88E-09	6.60E-08	3.95E-04	1.37E-07	4.13E-07	4.56E-09	5.35E-08	5.80E-08	8.70E-07	5.05E-07
3613	472863.09, 3850877.25	4.70E-04	4.91E-07	2.84E-07	6.76E-08	6.61E-09	7.42E-08	4.45E-04	1.54E-07	4.65E-07	5.14E-09	6.02E-08	6.54E-08	9.15E-07	5.37E-07
3614	473363.09, 3850877.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	4.56E-04	1.58E-07	4.76E-07	5.27E-09	6.17E-08	6.70E-08	9.36E-07	5.49E-07
3615	473863.09, 3850877.25	5.48E-04	5.73E-07	3.32E-07	7.89E-08	7.71E-09	8.66E-08	5.19E-04	1.79E-07	5.42E-07	5.99E-09	7.02E-08	7.62E-08	9.94E-07	5.90E-07
3616	474363.09, 3850877.25	6.04E-04	6.31E-07	3.65E-07	8.68E-08	8.49E-09	9.53E-08	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	1.03E-06	6.17E-07
3617	474863.09, 3850877.25	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	1.08E-06	6.53E-07
3618	475363.09, 3850877.25	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	1.13E-06	6.88E-07
3619	475863.09, 3850877.25	7.95E-04	8.31E-07	4.81E-07	1.14E-07	1.12E-08	1.25E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	1.19E-06	7.35E-07
3620	476363.09, 3850877.25	8.91E-04	9.32E-07	5.39E-07	1.28E-07	1.25E-08	1.41E-07	8.47E-04	2.93E-07	8.86E-07	9.80E-09	1.15E-07	1.25E-07	1.30E-06	8.08E-07
3621	476863.09, 3850877.25	1.00E-03	1.05E-06	6.06E-07	1.44E-07	1.41E-08	1.58E-07	9.49E-04	3.29E-07	9.92E-07	1.10E-08	1.29E-07	1.40E-07	1.41E-06	8.83E-07
3622	477363.09, 3850877.25	1.16E-03	1.21E-06	7.03E-07	1.67E-07	1.63E-08	1.83E-07	1.09E-03	3.79E-07	1.14E-06	1.27E-08	1.48E-07	1.61E-07	1.55E-06	9.81E-07
3623	477863.09, 3850877.25	1.40E-03	1.46E-06	8.47E-07	2.01E-07	1.97E-08	2.21E-07	1.32E-03	4.57E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	1.76E-06	1.13E-06
3624	478363.09, 3850877.25	1.83E-03	1.91E-06	1.11E-06	2.63E-07	2.57E-08	2.89E-07	1.73E-03	5.99E-07	1.81E-06	2.00E-08	2.34E-07	2.54E-07	2.14E-06	1.40E-06
3625	478863.09, 3850877.25	2.69E-03	2.82E-06	1.63E-06	3.88E-07	3.79E-08	4.25E-07	2.54E-03	8.80E-07	2.66E-06	2.94E-08	3.44E-07	3.74E-07	2.95E-06	1.96E-06
3626	479363.09, 3850877.25	6.01E-03	6.28E-06	3.64E-06	8.64E-07	8.45E-08	9.48E-07	5.58E-03	1.93E-06	5.84E-06	6.46E-08	7.56E-07	8.21E-07	5.69E-06	3.92E-06
3627	479863.09, 3850877.25	4.36E-02	4.55E-05	2.64E-05	6.26E-06	6.13E-07	6.88E-06	4.38E-02	1.52E-05	4.58E-05	5.07E-07	5.94E-06	6.44E-06	3.92E-05	2.79E-05
3628	480363.09, 3850877.25	9.81E-03	1.03E-05	5.94E-06	1.41E-06	1.38E-07	1.55E-06	9.42E-03	3.26E-06	9.84E-06	1.09E-07	1.28E-06	1.38E-06	1.02E-05	6.89E-06
3629	480863.09, 3850877.25	5.41E-03	5.65E-06	3.27E-06	7.77E-07	7.60E-08	8.53E-07	5.16E-03	1.79E-06	5.39E-06	5.97E-08	6.99E-07	7.59E-07	6.06E-06	4.00E-06
3630	481363.09, 3850877.25	3.69E-03	3.85E-06	2.23E-06	5.30E-07	5.19E-08	5.82E-07	3.50E-03	1.21E-06	3.66E-06	4.04E-08	4.74E-07	5.14E-07	4.48E-06	2.90E-06
3631	481863.09, 3850877.25	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.73E-08	4.18E-07	2.52E-03	8.71E-07	2.63E-06	2.91E-08	3.41E-07	3.70E-07	3.65E-06	2.29E-06
3632	482363.09, 3850877.25	1.96E-03	2.04E-06	1.18E-06	2.81E-07	2.75E-08	3.09E-07	1.85E-03	6.42E-07	1.94E-06	2.14E-08	2.51E-07	2.72E-07	2.96E-06	1.82E-06
3633	482863.09, 3850877.25	1.58E-03	1.65E-06	9.58E-07	2.28E-07	2.23E-08	2.50E-07	1.50E-03	5.18E-07	1.56E-06	1.73E-08	2.03E-07	2.20E-07	2.46E-06	1.51E-06
3634	483363.09, 3850877.25	1.30E-03	1.36E-06	7.86E-07	1.87E-07	1.83E-08	2.05E-07	1.23E-03	4.25E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	2.02E-06	1.23E-06
3635	483863.09, 3850877.25	1.19E-03	1.24E-06	7.17E-07	1.70E-07	1.67E-08	1.87E-07	1.12E-03	3.86E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	1.87E-06	1.14E-06
3636	484363.09, 3850877.25	1.17E-03	1.22E-06	7.05E-07	1.68E-07	1.64E-08	1.84E-07	1.10E-03	3.80E-07	1.15E-06	1.27E-08	1.48E-07	1.61E-07	1.89E-06	1.15E-06
3637	484863.09, 3850877.25	1.09E-03	1.14E-06	6.60E-07	1.57E-07	1.53E-08	1.72E-07	1.02E-03	3.55E-07	1.07E-06	1.18E-08	1.39E-07	1.51E-07	1.82E-06	1.10E-06
3638	485363.09, 3850877.25	1.04E-03	1.09E-06	6.29E-07	1.50E-07	1.46E-08	1.64E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	1.78E-06	1.07E-06
3639	485863.09, 3850877.25	9.37E-04	9.79E-07	5.67E-07	1.35E-07	1.32E-08	1.48E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	1.65E-06	9.84E-07
3640	486363.09, 3850877.25	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	8.49E-04	2.94E-07	8.87E-07	9.81E-09	1.15E-07	1.25E-07	1.63E-06	9.69E-07
3641	486863.09, 3850877.25	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	8.02E-04	2.78E-07	8.38E-07	9.27E-09	1.09E-07	1.18E-07	1.57E-06	9.29E-07
3642	487363.09, 3850877.25	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	1.49E-06	8.81E-07
3643	487863.09, 3850877.25	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.11E-04	2.46E-07	7.43E-07	8.22E-09	9.63E-08	1.05E-07	1.46E-06	8.55E-07
3644	488363.09, 3850877.25	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	1.45E-06	8.44E-07
3645	488863.09, 3850877.25	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.45E-04	2.23E-07	6.75E-07	7.46E-09	8.74E-08	9.49E-08	1.43E-06	8.28E-07
3646	489363.09, 3850877.25	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	6.17E-04	2.14E-07	6.45E-07	7.13E-09	8.36E-08	9.07E-08	1.42E-06	8.17E-07
3647	489863.09, 3850877.25	6.27E-04	6.55E-07	3.79E-07	9.01E-08	8.81E-09	9.89E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	1.40E-06	8.03E-07
3648	490363.09, 3850877.25	5.99E-04	6.26E-07	3.62E-07	8.61E-08	8.42E-09	9.46E-08	5.59E-04	1.94E-07	5.85E-07	6.46E-09	7.57E-08	8.22E-08	1.39E-06	7.93E-07
3649	490863.09, 3850877.25	5.73E-04	5.99E-07	3.47E-07	8.24E-08	8.06E-09	9.04E-08	5.33E-04	1.84E-07	5.57E-07	6.16E-09	7.21E-08	7.83E-08	1.38E-06	7.80E-07
3650	491363.09, 3850877.25	5.40E-04	5.65E-07	3.27E-07	7.77E-08	7.60E-09	8.53E-08	5.03E-04	1.74E-07	5.26E-07	5.81E-09	6.81E-08	7.39E-08	1.34E-06	7.58E-07
3651	491863.09, 3850877.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	4.72E-04	1.63E-07	4.93E-07	5.45E-09	6.39E-08	6.93E-08	1.31E-06	7.35E-07
3652	492363.09, 3850877.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.43E-04	1.53E-07	4.63E-07	5.12E-09	6.00E-08	6.52E-08	1.29E-06	7.18E-07
3653	492863.09, 3850877.25	4.55E-04	4.76E-07	2.76E-07	6.55E-08	6.40E-09	7.19E-08	4.23E-04	1.46E-07	4.42E-07	4.89E-09	5.73E-08	6.22E-08	1.27E-06	7.04E-07
3654	493363.09, 3850877.25	4.41E-04	4.61E-07	2.67E-07	6.34E-08	6.20E-09	6.96E-08	4.09E-04	1.42E-07	4.27E-07	4.73E-09	5.54E-08	6.01E-08	1.27E-06	7.03E-07

3655	493863.09, 3850877.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	1.32E-06	7.29E-07
3656	494363.09, 3850877.25	4.39E-04	4.59E-07	2.66E-07	6.31E-08	6.17E-09	6.93E-08	4.06E-04	1.40E-07	4.24E-07	4.69E-09	5.49E-08	5.96E-08	1.35E-06	7.43E-07
3657	494863.09, 3850877.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.10E-04	1.42E-07	4.29E-07	4.74E-09	5.56E-08	6.03E-08	1.42E-06	7.78E-07
3658	495363.09, 3850877.25	4.54E-04	4.74E-07	2.75E-07	6.53E-08	6.38E-09	7.16E-08	4.18E-04	1.45E-07	4.37E-07	4.83E-09	5.66E-08	6.15E-08	1.48E-06	8.09E-07
3659	495863.09, 3850877.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.10E-04	1.42E-07	4.29E-07	4.74E-09	5.56E-08	6.03E-08	1.50E-06	8.14E-07
3660	496363.09, 3850877.25	4.44E-04	4.64E-07	2.69E-07	6.38E-08	6.24E-09	7.01E-08	4.09E-04	1.42E-07	4.27E-07	4.73E-09	5.54E-08	6.01E-08	1.53E-06	8.30E-07
3661	496863.09, 3850877.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.14E-04	1.43E-07	4.32E-07	4.78E-09	5.60E-08	6.08E-08	1.58E-06	8.56E-07
3662	497363.09, 3850877.25	4.42E-04	4.62E-07	2.68E-07	6.36E-08	6.22E-09	6.98E-08	4.04E-04	1.40E-07	4.22E-07	4.67E-09	5.47E-08	5.94E-08	1.58E-06	8.55E-07
3663	497863.09, 3850877.25	4.29E-04	4.49E-07	2.60E-07	6.17E-08	6.04E-09	6.78E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	1.56E-06	8.43E-07
3664	498363.09, 3850877.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	1.55E-06	8.33E-07
3665	471363.09, 3851377.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.02E-04	1.05E-07	3.16E-07	3.49E-09	4.09E-08	4.44E-08	8.29E-07	4.66E-07
3666	471863.09, 3851377.25	3.74E-04	3.91E-07	2.26E-07	5.38E-08	5.26E-09	5.90E-08	3.51E-04	1.21E-07	3.67E-07	4.06E-09	4.75E-08	5.16E-08	8.82E-07	5.02E-07
3667	472363.09, 3851377.25	3.85E-04	4.03E-07	2.33E-07	5.54E-08	5.42E-09	6.08E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	9.04E-07	5.14E-07
3668	472863.09, 3851377.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	9.22E-07	5.27E-07
3669	473363.09, 3851377.25	3.87E-04	4.04E-07	2.34E-07	5.56E-08	5.44E-09	6.11E-08	3.65E-04	1.26E-07	3.81E-07	4.22E-09	4.94E-08	5.36E-08	9.21E-07	5.23E-07
3670	473863.09, 3851377.25	4.15E-04	4.33E-07	2.51E-07	5.96E-08	5.83E-09	6.54E-08	3.90E-04	1.35E-07	4.08E-07	4.51E-09	5.28E-08	5.73E-08	9.61E-07	5.48E-07
3671	474363.09, 3851377.25	4.93E-04	5.15E-07	2.98E-07	7.09E-08	6.93E-09	7.78E-08	4.65E-04	1.61E-07	4.86E-07	5.38E-09	6.30E-08	6.84E-08	1.03E-06	5.96E-07
3672	474863.09, 3851377.25	5.62E-04	5.87E-07	3.40E-07	8.07E-08	7.90E-09	8.86E-08	5.31E-04	1.84E-07	5.55E-07	6.14E-09	7.19E-08	7.81E-08	1.09E-06	6.38E-07
3673	475363.09, 3851377.25	6.15E-04	6.43E-07	3.72E-07	8.85E-08	8.65E-09	9.71E-08	5.83E-04	2.02E-07	6.09E-07	6.74E-09	7.89E-08	8.57E-08	1.13E-06	6.71E-07
3674	475863.09, 3851377.25	6.68E-04	6.98E-07	4.04E-07	9.60E-08	9.39E-09	1.05E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	1.18E-06	7.06E-07
3675	476363.09, 3851377.25	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	1.27E-06	7.58E-07
3676	476863.09, 3851377.25	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.60E-04	2.63E-07	7.94E-07	8.78E-09	1.03E-07	1.12E-07	1.35E-06	8.11E-07
3677	477363.09, 3851377.25	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	1.42E-06	8.60E-07
3678	477863.09, 3851377.25	9.99E-04	1.04E-06	6.04E-07	1.44E-07	1.40E-08	1.58E-07	9.41E-04	3.26E-07	9.84E-07	1.09E-08	1.27E-07	1.38E-07	1.52E-06	9.32E-07
3679	478363.09, 3851377.25	1.16E-03	1.21E-06	7.02E-07	1.67E-07	1.63E-08	1.83E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	1.66E-06	1.03E-06
3680	478863.09, 3851377.25	1.40E-03	1.46E-06	8.46E-07	2.01E-07	1.97E-08	2.21E-07	1.32E-03	4.57E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	1.85E-06	1.17E-06
3681	479363.09, 3851377.25	1.81E-03	1.89E-06	1.09E-06	2.60E-07	2.54E-08	2.85E-07	1.71E-03	5.91E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	2.15E-06	1.40E-06
3682	479863.09, 3851377.25	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.73E-08	4.19E-07	2.50E-03	8.64E-07	2.61E-06	2.88E-08	3.38E-07	3.67E-07	2.81E-06	1.88E-06
3683	480363.09, 3851377.25	5.74E-03	6.00E-06	3.47E-06	8.26E-07	8.08E-08	9.06E-07	5.43E-03	1.88E-06	5.67E-06	6.27E-08	7.35E-07	7.98E-07	5.25E-06	3.67E-06
3684	480863.09, 3851377.25	5.09E-02	5.32E-05	3.08E-05	7.32E-06	7.16E-07	8.03E-06	4.79E-02	1.66E-05	5.00E-05	5.53E-07	6.48E-06	7.04E-06	4.08E-05	2.97E-05
3685	481363.09, 3851377.25	9.24E-03	9.66E-06	5.59E-06	1.33E-06	1.30E-07	1.46E-06	8.76E-03	3.03E-06	9.15E-06	1.01E-07	1.19E-06	1.29E-06	9.34E-06	6.34E-06
3686	481863.09, 3851377.25	4.47E-03	4.67E-06	2.70E-06	6.42E-07	6.28E-08	7.05E-07	4.23E-03	1.46E-06	4.42E-06	4.89E-08	5.73E-07	6.21E-07	5.29E-06	3.44E-06
3687	482363.09, 3851377.25	2.91E-03	3.04E-06	1.76E-06	4.19E-07	4.09E-08	4.59E-07	2.76E-03	9.57E-07	2.89E-06	3.19E-08	3.74E-07	4.06E-07	3.97E-06	2.50E-06
3688	482863.09, 3851377.25	2.02E-03	2.11E-06	1.22E-06	2.91E-07	2.84E-08	3.19E-07	1.90E-03	6.59E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	3.09E-06	1.89E-06
3689	483363.09, 3851377.25	1.55E-03	1.62E-06	9.36E-07	2.23E-07	2.18E-08	2.44E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	2.45E-06	1.49E-06
3690	483863.09, 3851377.25	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.24E-03	4.31E-07	1.30E-06	1.44E-08	1.68E-07	1.83E-07	2.15E-06	1.30E-06
3691	484363.09, 3851377.25	1.32E-03	1.38E-06	7.97E-07	1.89E-07	1.85E-08	2.08E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	2.19E-06	1.32E-06
3692	484863.09, 3851377.25	1.10E-03	1.14E-06	6.63E-07	1.57E-07	1.54E-08	1.73E-07	1.03E-03	3.56E-07	1.08E-06	1.19E-08	1.39E-07	1.51E-07	1.91E-06	1.14E-06
3693	485363.09, 3851377.25	1.12E-03	1.17E-06	6.79E-07	1.61E-07	1.58E-08	1.77E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	2.01E-06	1.19E-06
3694	485863.09, 3851377.25	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.32E-04	3.23E-07	9.74E-07	1.08E-08	1.26E-07	1.37E-07	1.87E-06	1.10E-06
3695	486363.09, 3851377.25	9.65E-04	1.01E-06	5.84E-07	1.39E-07	1.36E-08	1.52E-07	9.02E-04	3.12E-07	9.43E-07	1.04E-08	1.22E-07	1.33E-07	1.88E-06	1.10E-06
3696	486863.09, 3851377.25	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	8.40E-04	2.91E-07	8.78E-07	9.71E-09	1.14E-07	1.23E-07	1.79E-06	1.05E-06
3697	487363.09, 3851377.25	8.08E-04	8.45E-07	4.89E-07	1.16E-07	1.14E-08	1.28E-07	7.55E-04	2.61E-07	7.89E-07	8.73E-09	1.02E-07	1.11E-07	1.65E-06	9.57E-07
3698	487863.09, 3851377.25	7.90E-04	8.26E-07	4.78E-07	1.14E-07	1.11E-08	1.25E-07	7.36E-04	2.55E-07	7.70E-07	8.51E-09	9.97E-08	1.08E-07	1.67E-06	9.65E-07
3699	488363.09, 3851377.25	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	1.67E-06	9.58E-07
3700	488863.09, 3851377.25	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	1.66E-06	9.46E-07
3701	489363.09, 3851377.25	6.87E-04	7.18E-07	4.16E-07	9.88E-08	9.66E-09	1.08E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	1.64E-06	9.32E-07
3702	489863.09, 3851377.25	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	6.05E-04	2.09E-07	6.32E-07	6.99E-09	8.19E-08	8.89E-08	1.62E-06	9.15E-07
3703	490363.09, 3851377.25	6.24E-04	6.52E-07	3.77E-07	8.97E-08	8.77E-09	9.84E-08	5.76E-04	2.00E-07	6.03E-07	6.66E-09	7.81E-08	8.47E-08	1.61E-06	9.04E-07
3704	490863.09, 3851377.25	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.48E-04	1.90E-07	5.73E-07	6.34E-09	7.42E-08	8.06E-08	1.59E-06	8.88E-07
3705	491363.09, 3851377.25	5.63E-04	5.89E-07	3.41E-07	8.10E-08	7.92E-09	8.89E-08	5.17E-04	1.79E-07	5.40E-07	5.98E-09	7.00E-08	7.60E-08	1.55E-06	8.64E-07
3706	491863.09, 3851377.25	5.34E-04	5.58E-07	3.23E-07	7.68E-08	7.51E-09	8.43E-08	4.90E-04	1.70E-07	5.12E-07	5.67E-09	6.64E-08	7.21E-08	1.52E-06	8.43E-07
3707	492363.09, 3851377.25	5.11E-04	5.34E-07	3.09E-07	7.35E-08	7.18E-09	8.07E-08	4.70E-04	1.63E-07	4.91E-07	5.43E-09	6.36E-08	6.91E-08	1.52E-06	8.35E-07
3708	492863.09, 3851377.25	4.86E-04	5.08E-07	2.94E-07	6.99E-08	6.84E-09	7.68E-08	4.46E-04	1.55E-07	4.67E-07	5.16E-09	6.05E-08	6.56E-08	1.50E-06	8.23E-07
3709	493363.09, 3851377.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.10E-04	1.42E-07	4.29E-07	4.74E-09	5.56E-08	6.03E-08	1.41E-06	7.74E-07
3710	493863.09, 3851377.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.14E-04	1.43E-07	4.32E-07	4.78E-09	5.60E-08	6.08E-08	1.47E-06	8.02E-07
3711	494363.09, 3851377.25	4.73E-04	4.95E-07	2.86E-07	6.81E-08	6.66E-09	7.47E-08	4.34E-04	1.50E-07	4.54E-07	5.02E-09	5.88E-08	6.38E-08	1.60E-06	8.69E-07
3712	494863.09, 3851377.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.28E-04	1.48E-07	4.47E-07	4.94E-09	5.79E-08	6.29E-08	1.63E-06	8.80E-07
3713	495363.09, 3851377.25	4.88E-04	5.10E-07	2.95E-07	7.02E-08	6.86E-09	7.70E-08	4.43E-04	1.53E-07	4.63E-07	5.12E-09	6.00E-08	6.52E-08	1.74E-06	9.42E-07
3714	495863.09, 3851377.25	4.85E-04	5.07E-07	2.93E-07	6.97E-08	6.82E-09	7.65E-08	4.40E-04	1.52E-07	4.60E-07	5.09E-09	5.96E-08	6.47E-08	1.78E-06	9.59E-07
3715	496363.09, 3851377.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.34E-04	1.50E-07	4.54E-07	5.02E-09	5.88E-08	6.38E-08	1.80E-06	9.65E-07
3716	496863.09, 3851377.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.26E-04	1.47E-07	4.45E-07	4.93E-09	5.77E-08	6.26E-08	1.79E-06	9.62E-07

3717	497363.09, 3851377.25	4.59E-04	4.79E-07	2.78E-07	6.60E-08	6.45E-09	7.24E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	1.78E-06	9.53E-07
3718	497863.09, 3851377.25	4.47E-04	4.67E-07	2.71E-07	6.43E-08	6.29E-09	7.06E-08	4.06E-04	1.40E-07	4.24E-07	4.69E-09	5.49E-08	5.96E-08	1.75E-06	9.37E-07
3719	498363.09, 3851377.25	4.26E-04	4.45E-07	2.58E-07	6.13E-08	5.99E-09	6.73E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	1.70E-06	9.09E-07
3720	471363.09, 3851877.25	3.13E-04	3.28E-07	1.90E-07	4.51E-08	4.41E-09	4.95E-08	2.96E-04	1.02E-07	3.09E-07	3.42E-09	4.01E-08	4.35E-08	8.72E-07	4.85E-07
3721	471863.09, 3851877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	8.85E-07	4.92E-07
3722	472363.09, 3851877.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	9.22E-07	5.15E-07
3723	472863.09, 3851877.25	3.72E-04	3.89E-07	2.25E-07	5.35E-08	5.23E-09	5.87E-08	3.49E-04	1.21E-07	3.65E-07	4.04E-09	4.73E-08	5.13E-08	9.57E-07	5.38E-07
3724	473363.09, 3851877.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	9.65E-07	5.40E-07
3725	473863.09, 3851877.25	3.72E-04	3.89E-07	2.25E-07	5.35E-08	5.23E-09	5.87E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	9.86E-07	5.51E-07
3726	474363.09, 3851877.25	4.21E-04	4.40E-07	2.55E-07	6.06E-08	5.92E-09	6.65E-08	3.95E-04	1.37E-07	4.13E-07	4.56E-09	5.35E-08	5.80E-08	1.04E-06	5.87E-07
3727	474863.09, 3851877.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.50E-04	1.56E-07	4.70E-07	5.20E-09	6.09E-08	6.61E-08	1.10E-06	6.27E-07
3728	475363.09, 3851877.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	4.92E-04	1.70E-07	5.14E-07	5.69E-09	6.66E-08	7.23E-08	1.15E-06	6.60E-07
3729	475863.09, 3851877.25	5.66E-04	5.92E-07	3.43E-07	8.14E-08	7.97E-09	8.94E-08	5.36E-04	1.85E-07	5.60E-07	6.19E-09	7.26E-08	7.87E-08	1.21E-06	6.97E-07
3730	476363.09, 3851877.25	5.93E-04	6.19E-07	3.59E-07	8.52E-08	8.33E-09	9.35E-08	5.59E-04	1.94E-07	5.85E-07	6.46E-09	7.57E-08	8.22E-08	1.26E-06	7.30E-07
3731	476863.09, 3851877.25	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.17E-04	2.14E-07	6.45E-07	7.13E-09	8.36E-08	9.07E-08	1.33E-06	7.74E-07
3732	477363.09, 3851877.25	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	1.39E-06	8.18E-07
3733	477863.09, 3851877.25	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	1.47E-06	8.66E-07
3734	478363.09, 3851877.25	8.59E-04	8.97E-07	5.20E-07	1.23E-07	1.21E-08	1.36E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	1.55E-06	9.21E-07
3735	478863.09, 3851877.25	9.91E-04	1.04E-06	6.00E-07	1.42E-07	1.39E-08	1.56E-07	9.27E-04	3.21E-07	9.69E-07	1.07E-08	1.26E-07	1.36E-07	1.63E-06	9.86E-07
3736	479363.09, 3851877.25	1.17E-03	1.22E-06	7.06E-07	1.68E-07	1.64E-08	1.84E-07	1.10E-03	3.80E-07	1.15E-06	1.27E-08	1.48E-07	1.61E-07	1.74E-06	1.07E-06
3737	479863.09, 3851877.25	1.41E-03	1.48E-06	8.55E-07	2.03E-07	1.99E-08	2.23E-07	1.33E-03	4.62E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	1.92E-06	1.21E-06
3738	480363.09, 3851877.25	1.85E-03	1.93E-06	1.12E-06	2.65E-07	2.60E-08	2.91E-07	1.74E-03	6.02E-07	1.82E-06	2.01E-08	2.36E-07	2.56E-07	2.28E-06	1.47E-06
3739	480863.09, 3851877.25	2.87E-03	3.00E-06	1.73E-06	4.12E-07	4.03E-08	4.52E-07	2.72E-03	9.42E-07	2.84E-06	3.15E-08	3.68E-07	4.00E-07	3.05E-06	2.04E-06
3740	481363.09, 3851877.25	1.29E-02	1.35E-05	7.82E-06	1.86E-06	1.82E-07	2.04E-06	1.22E-02	4.23E-06	1.28E-05	1.41E-07	1.66E-06	1.80E-06	1.02E-05	7.47E-06
3741	481863.09, 3851877.25	8.87E-03	9.27E-06	5.36E-06	1.27E-06	1.25E-07	1.40E-06	8.45E-03	2.92E-06	8.83E-06	9.76E-08	1.14E-06	1.24E-06	8.02E-06	5.63E-06
3742	482363.09, 3851877.25	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.97E-08	5.58E-07	3.36E-03	1.16E-06	3.51E-06	3.88E-08	4.54E-07	4.93E-07	4.66E-06	2.95E-06
3743	482863.09, 3851877.25	2.20E-03	2.30E-06	1.33E-06	3.17E-07	3.10E-08	3.48E-07	2.07E-03	7.17E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	3.37E-06	2.07E-06
3744	483363.09, 3851877.25	1.84E-03	1.93E-06	1.12E-06	2.65E-07	2.59E-08	2.91E-07	1.73E-03	5.98E-07	1.80E-06	2.00E-08	2.34E-07	2.54E-07	2.94E-06	1.79E-06
3745	483863.09, 3851877.25	1.55E-03	1.62E-06	9.39E-07	2.23E-07	2.18E-08	2.45E-07	1.45E-03	5.01E-07	1.51E-06	1.67E-08	1.96E-07	2.13E-07	2.61E-06	1.57E-06
3746	484363.09, 3851877.25	1.45E-03	1.51E-06	8.76E-07	2.08E-07	2.04E-08	2.29E-07	1.35E-03	4.66E-07	1.41E-06	1.56E-08	1.82E-07	1.98E-07	2.50E-06	1.50E-06
3747	484863.09, 3851877.25	1.27E-03	1.33E-06	7.70E-07	1.83E-07	1.79E-08	2.01E-07	1.19E-03	4.10E-07	1.24E-06	1.37E-08	1.61E-07	1.74E-07	2.34E-06	1.38E-06
3748	485363.09, 3851877.25	1.19E-03	1.24E-06	7.18E-07	1.71E-07	1.67E-08	1.87E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	2.29E-06	1.34E-06
3749	485863.09, 3851877.25	1.11E-03	1.16E-06	6.71E-07	1.59E-07	1.56E-08	1.75E-07	1.03E-03	3.55E-07	1.07E-06	1.19E-08	1.39E-07	1.51E-07	2.25E-06	1.31E-06
3750	486363.09, 3851877.25	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	9.23E-04	3.19E-07	9.64E-07	1.07E-08	1.25E-07	1.36E-07	2.15E-06	1.24E-06
3751	486863.09, 3851877.25	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	8.63E-04	2.99E-07	9.02E-07	9.98E-09	1.17E-07	1.27E-07	2.08E-06	1.19E-06
3752	487363.09, 3851877.25	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	8.10E-04	2.80E-07	8.46E-07	9.36E-09	1.10E-07	1.19E-07	2.01E-06	1.14E-06
3753	487863.09, 3851877.25	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	1.89E-06	1.07E-06
3754	488363.09, 3851877.25	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	1.88E-06	1.06E-06
3755	488863.09, 3851877.25	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	6.52E-04	2.26E-07	6.81E-07	7.53E-09	8.82E-08	9.58E-08	1.83E-06	1.03E-06
3756	489363.09, 3851877.25	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	6.11E-04	2.11E-07	6.39E-07	7.06E-09	8.27E-08	8.98E-08	1.78E-06	9.96E-07
3757	489863.09, 3851877.25	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	1.76E-06	9.79E-07
3758	490363.09, 3851877.25	6.10E-04	6.38E-07	3.69E-07	8.78E-08	8.58E-09	9.64E-08	5.58E-04	1.93E-07	5.83E-07	6.45E-09	7.55E-08	8.20E-08	1.77E-06	9.78E-07
3759	490863.09, 3851877.25	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	5.40E-04	1.87E-07	5.65E-07	6.25E-09	7.32E-08	7.94E-08	1.79E-06	9.86E-07
3760	491363.09, 3851877.25	5.83E-04	6.09E-07	3.53E-07	8.38E-08	8.19E-09	9.20E-08	5.28E-04	1.83E-07	5.52E-07	6.10E-09	7.15E-08	7.76E-08	1.82E-06	9.95E-07
3761	491863.09, 3851877.25	5.66E-04	5.92E-07	3.43E-07	8.14E-08	7.97E-09	8.94E-08	5.14E-04	1.78E-07	5.37E-07	5.94E-09	6.96E-08	7.55E-08	1.83E-06	9.98E-07
3762	492363.09, 3851877.25	5.40E-04	5.65E-07	3.27E-07	7.77E-08	7.60E-09	8.53E-08	4.89E-04	1.69E-07	5.11E-07	5.65E-09	6.62E-08	7.18E-08	1.79E-06	9.75E-07
3763	492863.09, 3851877.25	4.85E-04	5.07E-07	2.93E-07	6.97E-08	6.82E-09	7.65E-08	4.40E-04	1.52E-07	4.60E-07	5.09E-09	5.96E-08	6.47E-08	1.67E-06	9.02E-07
3764	493363.09, 3851877.25	5.13E-04	5.36E-07	3.10E-07	7.37E-08	7.21E-09	8.09E-08	4.64E-04	1.61E-07	4.85E-07	5.36E-09	6.28E-08	6.82E-08	1.81E-06	9.77E-07
3765	493863.09, 3851877.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	4.86E-04	1.68E-07	5.08E-07	5.61E-09	6.58E-08	7.14E-08	1.97E-06	1.06E-06
3766	494363.09, 3851877.25	5.16E-04	5.39E-07	3.12E-07	7.42E-08	7.25E-09	8.14E-08	4.65E-04	1.61E-07	4.86E-07	5.38E-09	6.30E-08	6.84E-08	1.92E-06	1.03E-06
3767	494863.09, 3851877.25	5.26E-04	5.49E-07	3.18E-07	7.56E-08	7.39E-09	8.30E-08	4.72E-04	1.63E-07	4.93E-07	5.45E-09	6.39E-08	6.93E-08	2.02E-06	1.08E-06
3768	495363.09, 3851877.25	5.24E-04	5.48E-07	3.17E-07	7.53E-08	7.37E-09	8.27E-08	4.72E-04	1.63E-07	4.93E-07	5.45E-09	6.39E-08	6.93E-08	2.07E-06	1.11E-06
3769	495863.09, 3851877.25	5.19E-04	5.43E-07	3.14E-07	7.46E-08	7.30E-09	8.19E-08	4.65E-04	1.61E-07	4.86E-07	5.38E-09	6.30E-08	6.84E-08	2.09E-06	1.11E-06
3770	496363.09, 3851877.25	5.06E-04	5.29E-07	3.06E-07	7.28E-08	7.12E-09	7.99E-08	4.54E-04	1.57E-07	4.75E-07	5.25E-09	6.15E-08	6.68E-08	2.07E-06	1.10E-06
3771	496863.09, 3851877.25	4.91E-04	5.14E-07	2.97E-07	7.07E-08	6.91E-09	7.76E-08	4.42E-04	1.53E-07	4.62E-07	5.11E-09	5.98E-08	6.49E-08	2.03E-06	1.08E-06
3772	497363.09, 3851877.25	4.77E-04	4.98E-07	2.88E-07	6.85E-08	6.70E-09	7.52E-08	4.29E-04	1.49E-07	4.49E-07	4.96E-09	5.81E-08	6.31E-08	1.99E-06	1.06E-06
3773	497863.09, 3851877.25	4.52E-04	4.73E-07	2.74E-07	6.50E-08	6.36E-09	7.14E-08	4.09E-04	1.42E-07	4.27E-07	4.73E-09	5.54E-08	6.01E-08	1.91E-06	1.01E-06
3774	498363.09, 3851877.25	4.31E-04	4.50E-07	2.61E-07	6.20E-08	6.06E-09	6.80E-08	3.92E-04	1.36E-07	4.09E-07	4.53E-09	5.30E-08	5.76E-08	1.84E-06	9.77E-07
3775	471363.09, 3852377.25	2.74E-04	2.87E-07	1.66E-07	3.94E-08	3.86E-09	4.33E-08	2.60E-04	9.00E-08	2.72E-07	3.01E-09	3.52E-08	3.82E-08	8.70E-07	4.77E-07
3776	471863.09, 3852377.25	2.99E-04	3.12E-07	1.81E-07	4.30E-08	4.20E-09	4.72E-08	2.82E-04	9.76E-08	2.95E-07	3.26E-09	3.82E-08	4.14E-08	9.12E-07	5.02E-07
3777	472363.09, 3852377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	9.44E-07	5.21E-07
3778	472863.09, 3852377.25	3.33E-04	3.48E-07	2.01E-07	4.79E-08	4.68E-09	5.26E-08	3.15E-04	1.09E-07	3.29E-07	3.64E-09	4.26E-08	4.63E-08	9.76E-07	5.39E-07

3779	473363.09, 3852377.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	1.01E-06	5.57E-07
3780	473863.09, 3852377.25	3.54E-04	3.70E-07	2.14E-07	5.09E-08	4.98E-09	5.59E-08	3.34E-04	1.16E-07	3.49E-07	3.86E-09	4.52E-08	4.90E-08	1.03E-06	5.72E-07
3781	474363.09, 3852377.25	3.64E-04	3.80E-07	2.20E-07	5.23E-08	5.12E-09	5.75E-08	3.41E-04	1.18E-07	3.57E-07	3.95E-09	4.62E-08	5.02E-08	1.06E-06	5.85E-07
3782	474863.09, 3852377.25	4.31E-04	4.50E-07	2.61E-07	6.20E-08	6.06E-09	6.80E-08	4.04E-04	1.40E-07	4.22E-07	4.67E-09	5.47E-08	5.94E-08	1.13E-06	6.35E-07
3783	475363.09, 3852377.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.20E-04	1.45E-07	4.39E-07	4.85E-09	5.69E-08	6.17E-08	1.17E-06	6.58E-07
3784	475863.09, 3852377.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.37E-04	1.51E-07	4.57E-07	5.05E-09	5.92E-08	6.42E-08	1.21E-06	6.81E-07
3785	476363.09, 3852377.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	4.51E-04	1.56E-07	4.72E-07	5.22E-09	6.11E-08	6.63E-08	1.26E-06	7.05E-07
3786	476863.09, 3852377.25	5.24E-04	5.48E-07	3.17E-07	7.53E-08	7.37E-09	8.27E-08	4.92E-04	1.70E-07	5.14E-07	5.69E-09	6.66E-08	7.23E-08	1.32E-06	7.43E-07
3787	477363.09, 3852377.25	5.47E-04	5.72E-07	3.31E-07	7.86E-08	7.69E-09	8.63E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	1.38E-06	7.76E-07
3788	477863.09, 3852377.25	5.19E-04	5.43E-07	3.14E-07	7.46E-08	7.30E-09	8.19E-08	4.86E-04	1.68E-07	5.08E-07	5.61E-09	6.58E-08	7.14E-08	1.39E-06	7.76E-07
3789	478363.09, 3852377.25	5.14E-04	5.37E-07	3.11E-07	7.39E-08	7.23E-09	8.12E-08	4.79E-04	1.66E-07	5.01E-07	5.54E-09	6.49E-08	7.05E-08	1.40E-06	7.82E-07
3790	478863.09, 3852377.25	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	5.87E-04	2.03E-07	6.14E-07	6.79E-09	7.96E-08	8.63E-08	1.54E-06	8.73E-07
3791	479363.09, 3852377.25	7.33E-04	7.66E-07	4.43E-07	1.05E-07	1.03E-08	1.16E-07	6.81E-04	2.36E-07	7.12E-07	7.88E-09	9.23E-08	1.00E-07	1.66E-06	9.47E-07
3792	479863.09, 3852377.25	9.66E-04	1.01E-06	5.85E-07	1.39E-07	1.36E-08	1.53E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	1.79E-06	1.06E-06
3793	480363.09, 3852377.25	1.24E-03	1.29E-06	7.50E-07	1.78E-07	1.74E-08	1.96E-07	1.17E-03	4.04E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	1.95E-06	1.19E-06
3794	480863.09, 3852377.25	1.61E-03	1.69E-06	9.76E-07	2.32E-07	2.27E-08	2.55E-07	1.52E-03	5.25E-07	1.59E-06	1.75E-08	2.06E-07	2.23E-07	2.25E-06	1.41E-06
3795	481363.09, 3852377.25	2.62E-03	2.73E-06	1.58E-06	3.76E-07	3.68E-08	4.13E-07	2.48E-03	8.57E-07	2.59E-06	2.86E-08	3.35E-07	3.64E-07	3.02E-06	1.98E-06
3796	481863.09, 3852377.25	1.49E-02	1.56E-05	9.04E-06	2.15E-06	2.10E-07	2.36E-06	1.41E-02	4.89E-06	1.48E-05	1.63E-07	1.91E-06	2.07E-06	1.17E-05	8.60E-06
3797	482363.09, 3852377.25	8.25E-03	8.62E-06	4.99E-06	1.19E-06	1.16E-07	1.30E-06	7.87E-03	2.72E-06	8.23E-06	9.10E-08	1.07E-06	1.16E-06	7.87E-06	5.44E-06
3798	482863.09, 3852377.25	3.55E-03	3.71E-06	2.15E-06	5.11E-07	5.00E-08	5.61E-07	3.33E-03	1.15E-06	3.48E-06	3.85E-08	4.51E-07	4.90E-07	4.54E-06	2.90E-06
3799	483363.09, 3852377.25	2.20E-03	2.30E-06	1.33E-06	3.16E-07	3.09E-08	3.47E-07	2.04E-03	7.08E-07	2.14E-06	2.36E-08	2.77E-07	3.00E-07	3.59E-06	2.17E-06
3800	483863.09, 3852377.25	1.70E-03	1.77E-06	1.03E-06	2.44E-07	2.39E-08	2.68E-07	1.57E-03	5.45E-07	1.65E-06	1.82E-08	2.13E-07	2.31E-07	3.06E-06	1.82E-06
3801	484363.09, 3852377.25	1.56E-03	1.63E-06	9.44E-07	2.24E-07	2.19E-08	2.46E-07	1.44E-03	4.98E-07	1.50E-06	1.66E-08	1.95E-07	2.12E-07	2.93E-06	1.73E-06
3802	484863.09, 3852377.25	1.43E-03	1.50E-06	8.66E-07	2.06E-07	2.01E-08	2.26E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	2.84E-06	1.65E-06
3803	485363.09, 3852377.25	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	2.77E-06	1.60E-06
3804	485863.09, 3852377.25	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.07E-03	3.71E-07	1.12E-06	1.24E-08	1.45E-07	1.57E-07	2.69E-06	1.53E-06
3805	486363.09, 3852377.25	1.03E-03	1.07E-06	6.22E-07	1.48E-07	1.45E-08	1.62E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	2.55E-06	1.44E-06
3806	486863.09, 3852377.25	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	8.63E-04	2.99E-07	9.02E-07	9.98E-09	1.17E-07	1.27E-07	2.46E-06	1.38E-06
3807	487363.09, 3852377.25	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	7.88E-04	2.73E-07	8.24E-07	9.11E-09	1.07E-07	1.16E-07	2.33E-06	1.30E-06
3808	487863.09, 3852377.25	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	7.22E-04	2.50E-07	7.55E-07	8.35E-09	9.78E-08	1.06E-07	2.21E-06	1.23E-06
3809	488363.09, 3852377.25	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	2.12E-06	1.17E-06
3810	488863.09, 3852377.25	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.14E-04	2.13E-07	6.42E-07	7.10E-09	8.32E-08	9.03E-08	2.02E-06	1.11E-06
3811	489363.09, 3852377.25	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	1.97E-06	1.08E-06
3812	489863.09, 3852377.25	5.91E-04	6.18E-07	3.58E-07	8.50E-08	8.31E-09	9.33E-08	5.31E-04	1.84E-07	5.55E-07	6.14E-09	7.19E-08	7.81E-08	1.87E-06	1.02E-06
3813	490363.09, 3852377.25	5.97E-04	6.24E-07	3.61E-07	8.59E-08	8.40E-09	9.43E-08	5.36E-04	1.85E-07	5.60E-07	6.19E-09	7.26E-08	7.87E-08	1.97E-06	1.07E-06
3814	490863.09, 3852377.25	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.33E-04	1.84E-07	5.57E-07	6.16E-09	7.21E-08	7.83E-08	2.04E-06	1.10E-06
3815	491363.09, 3852377.25	6.20E-04	6.48E-07	3.75E-07	8.92E-08	8.72E-09	9.79E-08	5.51E-04	1.91E-07	5.76E-07	6.37E-09	7.47E-08	8.10E-08	2.21E-06	1.19E-06
3816	491863.09, 3852377.25	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	5.39E-04	1.87E-07	5.63E-07	6.23E-09	7.30E-08	7.92E-08	2.23E-06	1.20E-06
3817	492363.09, 3852377.25	5.91E-04	6.18E-07	3.58E-07	8.50E-08	8.31E-09	9.33E-08	5.25E-04	1.82E-07	5.49E-07	6.07E-09	7.11E-08	7.71E-08	2.23E-06	1.20E-06
3818	492863.09, 3852377.25	5.89E-04	6.16E-07	3.57E-07	8.47E-08	8.29E-09	9.30E-08	5.22E-04	1.81E-07	5.45E-07	6.03E-09	7.06E-08	7.67E-08	2.29E-06	1.23E-06
3819	493363.09, 3852377.25	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	2.40E-06	1.28E-06
3820	493863.09, 3852377.25	5.81E-04	6.07E-07	3.52E-07	8.36E-08	8.17E-09	9.17E-08	5.14E-04	1.78E-07	5.37E-07	5.94E-09	6.96E-08	7.55E-08	2.37E-06	1.26E-06
3821	494363.09, 3852377.25	5.65E-04	5.90E-07	3.42E-07	8.12E-08	7.94E-09	8.92E-08	5.00E-04	1.73E-07	5.22E-07	5.78E-09	6.77E-08	7.34E-08	2.35E-06	1.25E-06
3822	494863.09, 3852377.25	5.65E-04	5.90E-07	3.42E-07	8.12E-08	7.94E-09	8.92E-08	5.00E-04	1.73E-07	5.22E-07	5.78E-09	6.77E-08	7.34E-08	2.40E-06	1.28E-06
3823	495363.09, 3852377.25	5.65E-04	5.90E-07	3.42E-07	8.12E-08	7.94E-09	8.92E-08	4.98E-04	1.72E-07	5.21E-07	5.76E-09	6.75E-08	7.32E-08	2.45E-06	1.30E-06
3824	495863.09, 3852377.25	5.45E-04	5.70E-07	3.30E-07	7.84E-08	7.67E-09	8.61E-08	4.82E-04	1.67E-07	5.04E-07	5.58E-09	6.53E-08	7.09E-08	2.39E-06	1.26E-06
3825	496363.09, 3852377.25	5.24E-04	5.48E-07	3.17E-07	7.53E-08	7.37E-09	8.27E-08	4.65E-04	1.61E-07	4.86E-07	5.38E-09	6.30E-08	6.84E-08	2.32E-06	1.23E-06
3826	496863.09, 3852377.25	5.09E-04	5.32E-07	3.08E-07	7.32E-08	7.16E-09	8.04E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	2.27E-06	1.20E-06
3827	497363.09, 3852377.25	4.82E-04	5.03E-07	2.91E-07	6.92E-08	6.77E-09	7.60E-08	4.31E-04	1.49E-07	4.50E-07	4.98E-09	5.83E-08	6.33E-08	2.16E-06	1.14E-06
3828	497863.09, 3852377.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.06E-04	1.40E-07	4.24E-07	4.69E-09	5.49E-08	5.96E-08	2.04E-06	1.08E-06
3829	498363.09, 3852377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	1.93E-06	1.02E-06
3830	471363.09, 3852877.25	2.66E-04	2.78E-07	1.61E-07	3.83E-08	3.74E-09	4.20E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	8.94E-07	4.87E-07
3831	471863.09, 3852877.25	2.82E-04	2.95E-07	1.71E-07	4.06E-08	3.97E-09	4.46E-08	2.68E-04	9.27E-08	2.80E-07	3.10E-09	3.63E-08	3.94E-08	9.33E-07	5.09E-07
3832	472363.09, 3852877.25	2.97E-04	3.11E-07	1.80E-07	4.27E-08	4.18E-09	4.69E-08	2.82E-04	9.76E-08	2.95E-07	3.26E-09	3.82E-08	4.14E-08	9.67E-07	5.29E-07
3833	472863.09, 3852877.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	2.95E-04	1.02E-07	3.08E-07	3.40E-09	3.99E-08	4.33E-08	9.97E-07	5.46E-07
3834	473363.09, 3852877.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	1.04E-06	5.68E-07
3835	473863.09, 3852877.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	1.08E-06	5.92E-07
3836	474363.09, 3852877.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.49E-04	1.21E-07	3.65E-07	4.04E-09	4.73E-08	5.13E-08	1.12E-06	6.18E-07
3837	474863.09, 3852877.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.43E-04	1.19E-07	3.59E-07	3.97E-09	4.65E-08	5.04E-08	1.15E-06	6.28E-07
3838	475363.09, 3852877.25	3.90E-04	4.08E-07	2.36E-07	5.61E-08	5.49E-09	6.16E-08	3.68E-04	1.27E-07	3.85E-07	4.26E-09	4.99E-08	5.41E-08	1.20E-06	6.61E-07
3839	475863.09, 3852877.25	4.06E-04	4.25E-07	2.46E-07	5.84E-08	5.72E-09	6.42E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	1.24E-06	6.84E-07
3840	476363.09, 3852877.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	1.27E-06	6.99E-07

3841	476863.09, 3852877.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.71E-04	1.29E-07	3.88E-07	4.29E-09	5.03E-08	5.46E-08	1.28E-06	7.00E-07
3842	477363.09, 3852877.25	3.97E-04	4.15E-07	2.40E-07	5.70E-08	5.58E-09	6.26E-08	3.70E-04	1.28E-07	3.86E-07	4.27E-09	5.01E-08	5.43E-08	1.29E-06	7.05E-07
3843	477863.09, 3852877.25	3.87E-04	4.04E-07	2.34E-07	5.56E-08	5.44E-09	6.11E-08	3.62E-04	1.25E-07	3.78E-07	4.18E-09	4.90E-08	5.32E-08	1.29E-06	7.03E-07
3844	478363.09, 3852877.25	3.61E-04	3.77E-07	2.18E-07	5.19E-08	5.07E-09	5.69E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	1.23E-06	6.70E-07
3845	478863.09, 3852877.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	1.34E-06	7.31E-07
3846	479363.09, 3852877.25	4.98E-04	5.20E-07	3.01E-07	7.16E-08	7.00E-09	7.86E-08	4.62E-04	1.60E-07	4.83E-07	5.34E-09	6.26E-08	6.79E-08	1.55E-06	8.49E-07
3847	479863.09, 3852877.25	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	6.34E-04	2.20E-07	6.63E-07	7.33E-09	8.59E-08	9.33E-08	1.83E-06	1.02E-06
3848	480363.09, 3852877.25	9.48E-04	9.91E-07	5.74E-07	1.36E-07	1.33E-08	1.50E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	1.98E-06	1.15E-06
3849	480863.09, 3852877.25	1.17E-03	1.22E-06	7.05E-07	1.68E-07	1.64E-08	1.84E-07	1.09E-03	3.77E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	2.20E-06	1.30E-06
3850	481363.09, 3852877.25	1.57E-03	1.64E-06	9.52E-07	2.26E-07	2.21E-08	2.48E-07	1.48E-03	5.12E-07	1.55E-06	1.71E-08	2.00E-07	2.17E-07	2.57E-06	1.56E-06
3851	481863.09, 3852877.25	2.63E-03	2.75E-06	1.59E-06	3.78E-07	3.70E-08	4.15E-07	2.48E-03	8.59E-07	2.59E-06	2.87E-08	3.36E-07	3.65E-07	3.52E-06	2.22E-06
3852	482363.09, 3852877.25	1.80E-02	1.89E-05	1.09E-05	2.60E-06	2.54E-07	2.85E-06	1.70E-02	5.89E-06	1.78E-05	1.97E-07	2.30E-06	2.50E-06	1.49E-05	1.08E-05
3853	482863.09, 3852877.25	7.75E-03	8.10E-06	4.69E-06	1.11E-06	1.09E-07	1.22E-06	7.30E-03	2.53E-06	7.63E-06	8.44E-08	9.89E-07	1.07E-06	8.44E-06	5.61E-06
3854	483363.09, 3852877.25	3.30E-03	3.45E-06	2.00E-06	4.74E-07	4.64E-08	5.21E-07	3.05E-03	1.06E-06	3.19E-06	3.53E-08	4.13E-07	4.49E-07	5.11E-06	3.12E-06
3855	483863.09, 3852877.25	1.93E-03	2.02E-06	1.17E-06	2.78E-07	2.72E-08	3.05E-07	1.76E-03	6.11E-07	1.84E-06	2.04E-08	2.39E-07	2.59E-07	4.13E-06	2.38E-06
3856	484363.09, 3852877.25	1.75E-03	1.83E-06	1.06E-06	2.52E-07	2.46E-08	2.76E-07	1.58E-03	5.47E-07	1.65E-06	1.83E-08	2.14E-07	2.32E-07	3.80E-06	2.18E-06
3857	484863.09, 3852877.25	1.59E-03	1.66E-06	9.60E-07	2.28E-07	2.23E-08	2.50E-07	1.42E-03	4.91E-07	1.48E-06	1.64E-08	1.92E-07	2.08E-07	3.62E-06	2.06E-06
3858	485363.09, 3852877.25	1.26E-03	1.31E-06	7.59E-07	1.80E-07	1.77E-08	1.98E-07	1.12E-03	3.87E-07	1.17E-06	1.29E-08	1.51E-07	1.64E-07	3.36E-06	1.87E-06
3859	485863.09, 3852877.25	1.11E-03	1.16E-06	6.70E-07	1.59E-07	1.56E-08	1.75E-07	9.79E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	3.19E-06	1.76E-06
3860	486363.09, 3852877.25	9.84E-04	1.03E-06	5.96E-07	1.42E-07	1.38E-08	1.55E-07	8.69E-04	3.01E-07	9.09E-07	1.00E-08	1.18E-07	1.28E-07	2.99E-06	1.64E-06
3861	486863.09, 3852877.25	9.14E-04	9.55E-07	5.53E-07	1.31E-07	1.29E-08	1.44E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	2.88E-06	1.57E-06
3862	487363.09, 3852877.25	8.36E-04	8.74E-07	5.06E-07	1.20E-07	1.18E-08	1.32E-07	7.35E-04	2.54E-07	7.68E-07	8.49E-09	9.95E-08	1.08E-07	2.69E-06	1.46E-06
3863	487863.09, 3852877.25	7.79E-04	8.14E-07	4.71E-07	1.12E-07	1.09E-08	1.23E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	2.57E-06	1.40E-06
3864	488363.09, 3852877.25	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	5.72E-04	1.98E-07	5.98E-07	6.61E-09	7.74E-08	8.40E-08	2.17E-06	1.18E-06
3865	488863.09, 3852877.25	6.48E-04	6.77E-07	3.92E-07	9.32E-08	9.11E-09	1.02E-07	5.69E-04	1.97E-07	5.94E-07	6.57E-09	7.70E-08	8.36E-08	2.25E-06	1.22E-06
3866	489363.09, 3852877.25	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	5.53E-04	1.91E-07	5.78E-07	6.39E-09	7.49E-08	8.13E-08	2.27E-06	1.22E-06
3867	489863.09, 3852877.25	6.15E-04	6.43E-07	3.72E-07	8.85E-08	8.65E-09	9.71E-08	5.37E-04	1.86E-07	5.62E-07	6.21E-09	7.28E-08	7.90E-08	2.27E-06	1.22E-06
3868	490363.09, 3852877.25	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	5.78E-04	2.00E-07	6.04E-07	6.68E-09	7.83E-08	8.50E-08	2.57E-06	1.37E-06
3869	490863.09, 3852877.25	6.71E-04	7.01E-07	4.06E-07	9.65E-08	9.43E-09	1.06E-07	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	2.68E-06	1.43E-06
3870	491363.09, 3852877.25	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	5.80E-04	2.01E-07	6.06E-07	6.70E-09	7.85E-08	8.52E-08	2.76E-06	1.47E-06
3871	491863.09, 3852877.25	6.59E-04	6.89E-07	3.99E-07	9.48E-08	9.27E-09	1.04E-07	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	2.77E-06	1.47E-06
3872	492363.09, 3852877.25	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	5.62E-04	1.95E-07	5.88E-07	6.50E-09	7.62E-08	8.27E-08	2.80E-06	1.48E-06
3873	492863.09, 3852877.25	6.58E-04	6.88E-07	3.98E-07	9.46E-08	9.25E-09	1.04E-07	5.64E-04	1.95E-07	5.89E-07	6.52E-09	7.64E-08	8.29E-08	2.88E-06	1.52E-06
3874	493363.09, 3852877.25	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	5.61E-04	1.94E-07	5.86E-07	6.48E-09	7.59E-08	8.24E-08	2.91E-06	1.54E-06
3875	493863.09, 3852877.25	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	5.45E-04	1.89E-07	5.70E-07	6.30E-09	7.38E-08	8.01E-08	2.88E-06	1.52E-06
3876	494363.09, 3852877.25	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	5.33E-04	1.84E-07	5.57E-07	6.16E-09	7.21E-08	7.83E-08	2.85E-06	1.50E-06
3877	494863.09, 3852877.25	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.25E-04	1.82E-07	5.49E-07	6.07E-09	7.11E-08	7.71E-08	2.84E-06	1.49E-06
3878	495363.09, 3852877.25	5.79E-04	6.06E-07	3.51E-07	8.33E-08	8.15E-09	9.15E-08	5.04E-04	1.75E-07	5.27E-07	5.83E-09	6.83E-08	7.41E-08	2.74E-06	1.44E-06
3879	495863.09, 3852877.25	5.55E-04	5.80E-07	3.36E-07	7.98E-08	7.80E-09	8.76E-08	4.86E-04	1.68E-07	5.08E-07	5.61E-09	6.58E-08	7.14E-08	2.64E-06	1.39E-06
3880	496363.09, 3852877.25	5.42E-04	5.66E-07	3.28E-07	7.79E-08	7.62E-09	8.55E-08	4.76E-04	1.65E-07	4.98E-07	5.50E-09	6.45E-08	7.00E-08	2.60E-06	1.37E-06
3881	496863.09, 3852877.25	5.24E-04	5.48E-07	3.17E-07	7.53E-08	7.37E-09	8.27E-08	4.61E-04	1.59E-07	4.81E-07	5.32E-09	6.24E-08	6.77E-08	2.53E-06	1.33E-06
3882	497363.09, 3852877.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	4.29E-04	1.49E-07	4.49E-07	4.96E-09	5.81E-08	6.31E-08	2.33E-06	1.22E-06
3883	497863.09, 3852877.25	4.19E-04	4.38E-07	2.54E-07	6.03E-08	5.90E-09	6.62E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	2.01E-06	1.06E-06
3884	498363.09, 3852877.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	3.70E-04	1.28E-07	3.86E-07	4.27E-09	5.01E-08	5.43E-08	1.95E-06	1.03E-06
3885	471363.09, 3853377.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	9.03E-07	4.90E-07
3886	471863.09, 3853377.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.55E-04	8.84E-08	2.67E-07	2.95E-09	3.46E-08	3.75E-08	9.41E-07	5.11E-07
3887	472363.09, 3853377.25	2.82E-04	2.95E-07	1.71E-07	4.06E-08	3.97E-09	4.46E-08	2.66E-04	9.22E-08	2.78E-07	3.08E-09	3.61E-08	3.91E-08	9.79E-07	5.31E-07
3888	472863.09, 3853377.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	1.02E-06	5.52E-07
3889	473363.09, 3853377.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	1.05E-06	5.71E-07
3890	473863.09, 3853377.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	1.09E-06	5.91E-07
3891	474363.09, 3853377.25	3.26E-04	3.41E-07	1.98E-07	4.69E-08	4.59E-09	5.15E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	1.13E-06	6.13E-07
3892	474863.09, 3853377.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	1.16E-06	6.29E-07
3893	475363.09, 3853377.25	3.36E-04	3.51E-07	2.03E-07	4.84E-08	4.73E-09	5.31E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	1.20E-06	6.50E-07
3894	475863.09, 3853377.25	3.44E-04	3.60E-07	2.08E-07	4.95E-08	4.84E-09	5.44E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	1.25E-06	6.74E-07
3895	476363.09, 3853377.25	3.41E-04	3.57E-07	2.06E-07	4.91E-08	4.80E-09	5.39E-08	3.24E-04	1.12E-07	3.39E-07	3.75E-09	4.39E-08	4.77E-08	1.27E-06	6.83E-07
3896	476863.09, 3853377.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	1.24E-06	6.67E-07
3897	477363.09, 3853377.25	3.38E-04	3.53E-07	2.04E-07	4.86E-08	4.75E-09	5.33E-08	3.20E-04	1.11E-07	3.34E-07	3.69E-09	4.33E-08	4.70E-08	1.27E-06	6.84E-07
3898	477863.09, 3853377.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	1.32E-06	7.10E-07
3899	478363.09, 3853377.25	3.36E-04	3.51E-07	2.03E-07	4.84E-08	4.73E-09	5.31E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	1.31E-06	7.02E-07
3900	478863.09, 3853377.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	1.27E-06	6.81E-07
3901	479363.09, 3853377.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	1.53E-06	8.21E-07
3902	479863.09, 3853377.25	5.09E-04	5.32E-07	3.08E-07	7.32E-08	7.16E-09	8.04E-08	4.73E-04	1.64E-07	4.94E-07	5.47E-09	6.41E-08	6.95E-08	1.84E-06	9.93E-07

3903	480363.09, 3853377.25	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.52E-04	2.26E-07	6.81E-07	7.53E-09	8.82E-08	9.58E-08	2.17E-06	1.19E-06
3904	480863.09, 3853377.25	7.62E-04	7.97E-07	4.61E-07	1.10E-07	1.07E-08	1.20E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	2.41E-06	1.32E-06
3905	481363.09, 3853377.25	1.08E-03	1.13E-06	6.56E-07	1.56E-07	1.52E-08	1.71E-07	1.01E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	2.78E-06	1.56E-06
3906	481863.09, 3853377.25	1.67E-03	1.74E-06	1.01E-06	2.40E-07	2.34E-08	2.63E-07	1.58E-03	5.47E-07	1.65E-06	1.83E-08	2.14E-07	2.32E-07	3.53E-06	2.04E-06
3907	482363.09, 3853377.25	3.23E-03	3.38E-06	1.96E-06	4.65E-07	4.54E-08	5.10E-07	3.11E-03	1.08E-06	3.25E-06	3.59E-08	4.21E-07	4.57E-07	5.83E-06	3.47E-06
3908	482863.09, 3853377.25	2.32E-02	2.42E-05	1.40E-05	3.34E-06	3.26E-07	3.66E-06	2.03E-02	7.02E-06	2.12E-05	2.34E-07	2.75E-06	2.98E-06	2.76E-05	1.77E-05
3909	483363.09, 3853377.25	4.48E-03	4.68E-06	2.71E-06	6.44E-07	6.30E-08	7.07E-07	3.96E-03	1.37E-06	4.14E-06	4.58E-08	5.36E-07	5.82E-07	8.32E-06	4.89E-06
3910	483863.09, 3853377.25	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.80E-08	4.26E-07	2.32E-03	8.05E-07	2.43E-06	2.69E-08	3.15E-07	3.42E-07	6.26E-06	3.54E-06
3911	484363.09, 3853377.25	2.12E-03	2.21E-06	1.28E-06	3.05E-07	2.98E-08	3.34E-07	1.78E-03	6.16E-07	1.86E-06	2.06E-08	2.41E-07	2.62E-07	5.47E-06	3.05E-06
3912	484863.09, 3853377.25	1.59E-03	1.66E-06	9.61E-07	2.28E-07	2.23E-08	2.51E-07	1.30E-03	4.51E-07	1.36E-06	1.50E-08	1.76E-07	1.91E-07	5.08E-06	2.76E-06
3913	485363.09, 3853377.25	1.22E-03	1.27E-06	7.36E-07	1.75E-07	1.71E-08	1.92E-07	1.00E-03	3.47E-07	1.05E-06	1.16E-08	1.36E-07	1.47E-07	4.40E-06	2.36E-06
3914	485863.09, 3853377.25	1.01E-03	1.06E-06	6.13E-07	1.46E-07	1.43E-08	1.60E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	3.62E-06	1.95E-06
3915	486363.09, 3853377.25	9.71E-04	1.02E-06	5.88E-07	1.40E-07	1.37E-08	1.53E-07	8.02E-04	2.78E-07	8.38E-07	9.27E-09	1.09E-07	1.18E-07	3.61E-06	1.93E-06
3916	486863.09, 3853377.25	9.21E-04	9.62E-07	5.57E-07	1.32E-07	1.29E-08	1.45E-07	7.58E-04	2.62E-07	7.92E-07	8.76E-09	1.03E-07	1.11E-07	3.53E-06	1.88E-06
3917	487363.09, 3853377.25	9.01E-04	9.42E-07	5.45E-07	1.30E-07	1.27E-08	1.42E-07	7.38E-04	2.55E-07	7.71E-07	8.53E-09	9.99E-08	1.08E-07	3.55E-06	1.89E-06
3918	487863.09, 3853377.25	8.73E-04	9.13E-07	5.28E-07	1.26E-07	1.23E-08	1.38E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	3.51E-06	1.87E-06
3919	488363.09, 3853377.25	8.57E-04	8.96E-07	5.19E-07	1.23E-07	1.21E-08	1.35E-07	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	3.54E-06	1.88E-06
3920	488863.09, 3853377.25	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	3.50E-06	1.85E-06
3921	489363.09, 3853377.25	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	6.50E-04	2.25E-07	6.79E-07	7.51E-09	8.80E-08	9.56E-08	3.45E-06	1.82E-06
3922	489863.09, 3853377.25	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	3.35E-06	1.76E-06
3923	490363.09, 3853377.25	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	6.23E-04	2.16E-07	6.52E-07	7.21E-09	8.44E-08	9.16E-08	3.41E-06	1.80E-06
3924	490863.09, 3853377.25	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	6.16E-04	2.13E-07	6.43E-07	7.12E-09	8.34E-08	9.05E-08	3.44E-06	1.81E-06
3925	491363.09, 3853377.25	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	3.47E-06	1.82E-06
3926	491863.09, 3853377.25	7.20E-04	7.52E-07	4.36E-07	1.04E-07	1.01E-08	1.14E-07	5.98E-04	2.07E-07	6.25E-07	6.92E-09	8.10E-08	8.80E-08	3.45E-06	1.81E-06
3927	492363.09, 3853377.25	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	5.97E-04	2.07E-07	6.24E-07	6.90E-09	8.08E-08	8.77E-08	3.47E-06	1.82E-06
3928	492863.09, 3853377.25	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	5.95E-04	2.06E-07	6.22E-07	6.88E-09	8.06E-08	8.75E-08	3.49E-06	1.83E-06
3929	493363.09, 3853377.25	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	3.44E-06	1.80E-06
3930	493863.09, 3853377.25	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	3.39E-06	1.78E-06
3931	494363.09, 3853377.25	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	5.56E-04	1.93E-07	5.81E-07	6.43E-09	7.53E-08	8.17E-08	3.30E-06	1.73E-06
3932	494863.09, 3853377.25	6.24E-04	6.52E-07	3.77E-07	8.97E-08	8.77E-09	9.84E-08	5.36E-04	1.85E-07	5.60E-07	6.19E-09	7.26E-08	7.87E-08	3.19E-06	1.67E-06
3933	495363.09, 3853377.25	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.23E-04	1.81E-07	5.47E-07	6.05E-09	7.09E-08	7.69E-08	3.11E-06	1.63E-06
3934	495863.09, 3853377.25	5.81E-04	6.07E-07	3.52E-07	8.36E-08	8.17E-09	9.17E-08	5.06E-04	1.75E-07	5.29E-07	5.85E-09	6.85E-08	7.44E-08	3.00E-06	1.57E-06
3935	496363.09, 3853377.25	5.52E-04	5.77E-07	3.34E-07	7.93E-08	7.76E-09	8.71E-08	4.84E-04	1.68E-07	5.06E-07	5.60E-09	6.56E-08	7.11E-08	2.86E-06	1.50E-06
3936	496863.09, 3853377.25	5.14E-04	5.37E-07	3.11E-07	7.39E-08	7.23E-09	8.12E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	2.67E-06	1.40E-06
3937	497363.09, 3853377.25	4.67E-04	4.88E-07	2.82E-07	6.71E-08	6.56E-09	7.37E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	2.41E-06	1.26E-06
3938	497863.09, 3853377.25	3.88E-04	4.06E-07	2.35E-07	5.59E-08	5.46E-09	6.13E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	1.98E-06	1.04E-06
3939	498363.09, 3853377.25	3.51E-04	3.67E-07	2.12E-07	5.05E-08	4.94E-09	5.54E-08	3.23E-04	1.12E-07	3.37E-07	3.73E-09	4.37E-08	4.74E-08	1.79E-06	9.36E-07
3940	471363.09, 3853877.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	8.89E-07	4.81E-07
3941	471863.09, 3853877.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	9.32E-07	5.04E-07
3942	472363.09, 3853877.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.55E-04	8.84E-08	2.67E-07	2.95E-09	3.46E-08	3.75E-08	9.73E-07	5.26E-07
3943	472863.09, 3853877.25	2.79E-04	2.92E-07	1.69E-07	4.01E-08	3.93E-09	4.41E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	1.02E-06	5.48E-07
3944	473363.09, 3853877.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	1.05E-06	5.67E-07
3945	473863.09, 3853877.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	1.09E-06	5.89E-07
3946	474363.09, 3853877.25	3.04E-04	3.17E-07	1.84E-07	4.37E-08	4.27E-09	4.79E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	1.14E-06	6.15E-07
3947	474863.09, 3853877.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	2.95E-04	1.02E-07	3.08E-07	3.40E-09	3.99E-08	4.33E-08	1.19E-06	6.38E-07
3948	475363.09, 3853877.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	2.93E-04	1.01E-07	3.06E-07	3.39E-09	3.97E-08	4.31E-08	1.21E-06	6.51E-07
3949	475863.09, 3853877.25	2.97E-04	3.11E-07	1.80E-07	4.27E-08	4.18E-09	4.69E-08	2.82E-04	9.76E-08	2.95E-07	3.26E-09	3.82E-08	4.14E-08	1.21E-06	6.49E-07
3950	476363.09, 3853877.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	1.18E-06	6.29E-07
3951	476863.09, 3853877.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	1.14E-06	6.08E-07
3952	477363.09, 3853877.25	2.89E-04	3.02E-07	1.75E-07	4.15E-08	4.06E-09	4.56E-08	2.80E-04	9.71E-08	2.93E-07	3.24E-09	3.80E-08	4.12E-08	1.22E-06	6.53E-07
3953	477863.09, 3853877.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	1.31E-06	6.99E-07
3954	478363.09, 3853877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	1.38E-06	7.36E-07
3955	478863.09, 3853877.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	1.32E-06	7.00E-07
3956	479363.09, 3853877.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	1.51E-06	8.03E-07
3957	479863.09, 3853877.25	4.41E-04	4.61E-07	2.67E-07	6.34E-08	6.20E-09	6.96E-08	4.18E-04	1.45E-07	4.37E-07	4.83E-09	5.66E-08	6.15E-08	1.94E-06	1.03E-06
3958	480363.09, 3853877.25	5.53E-04	5.78E-07	3.35E-07	7.96E-08	7.78E-09	8.74E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	2.32E-06	1.24E-06
3959	480863.09, 3853877.25	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	2.74E-06	1.48E-06
3960	481363.09, 3853877.25	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	3.23E-06	1.76E-06
3961	481863.09, 3853877.25	1.32E-03	1.38E-06	7.96E-07	1.89E-07	1.85E-08	2.08E-07	1.35E-03	4.66E-07	1.41E-06	1.56E-08	1.82E-07	1.98E-07	4.15E-06	2.29E-06
3962	482363.09, 3853877.25	2.12E-03	2.22E-06	1.28E-06	3.05E-07	2.99E-08	3.35E-07	2.39E-03	8.28E-07	2.50E-06	2.77E-08	3.24E-07	3.52E-07	6.88E-06	3.81E-06
3963	482863.09, 3853877.25	1.17E-02	1.22E-05	7.07E-06	1.68E-06	1.64E-07	1.85E-06	4.27E-02	1.48E-05	4.46E-05	4.93E-07	5.78E-06	6.27E-06	4.30E-05	2.70E-05
3964	483363.09, 3853877.25	7.51E-03	7.85E-06	4.54E-06	1.08E-06	1.06E-07	1.19E-06	4.59E-03	1.59E-06	4.80E-06	5.31E-08	6.22E-07	6.75E-07	2.38E-05	1.27E-05

3965	483863.09, 3853877.25	4.11E-03	4.30E-06	2.49E-06	5.91E-07	5.78E-08	6.49E-07	2.65E-03	9.16E-07	2.77E-06	3.06E-08	3.59E-07	3.89E-07	1.28E-05	6.89E-06
3966	484363.09, 3853877.25	2.75E-03	2.87E-06	1.66E-06	3.96E-07	3.87E-08	4.34E-07	1.75E-03	6.06E-07	1.83E-06	2.02E-08	2.37E-07	2.57E-07	9.64E-06	5.12E-06
3967	484863.09, 3853877.25	1.94E-03	2.02E-06	1.17E-06	2.78E-07	2.72E-08	3.06E-07	1.27E-03	4.40E-07	1.33E-06	1.47E-08	1.72E-07	1.87E-07	7.92E-06	4.16E-06
3968	485363.09, 3853877.25	1.36E-03	1.42E-06	8.25E-07	1.96E-07	1.92E-08	2.15E-07	9.41E-04	3.26E-07	9.84E-07	1.09E-08	1.27E-07	1.38E-07	5.94E-06	3.12E-06
3969	485863.09, 3853877.25	1.27E-03	1.33E-06	7.71E-07	1.83E-07	1.79E-08	2.01E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	5.82E-06	3.04E-06
3970	486363.09, 3853877.25	1.16E-03	1.21E-06	7.02E-07	1.67E-07	1.63E-08	1.83E-07	8.18E-04	2.83E-07	8.55E-07	9.45E-09	1.11E-07	1.20E-07	5.35E-06	2.80E-06
3971	486863.09, 3853877.25	1.07E-03	1.12E-06	6.46E-07	1.54E-07	1.50E-08	1.69E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	4.96E-06	2.59E-06
3972	487363.09, 3853877.25	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	7.60E-04	2.63E-07	7.94E-07	8.78E-09	1.03E-07	1.12E-07	4.87E-06	2.55E-06
3973	487863.09, 3853877.25	1.04E-03	1.09E-06	6.31E-07	1.50E-07	1.47E-08	1.65E-07	7.66E-04	2.65E-07	8.01E-07	8.85E-09	1.04E-07	1.13E-07	4.94E-06	2.58E-06
3974	488363.09, 3853877.25	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	7.50E-04	2.60E-07	7.84E-07	8.67E-09	1.02E-07	1.10E-07	4.85E-06	2.53E-06
3975	488863.09, 3853877.25	9.96E-04	1.04E-06	6.02E-07	1.43E-07	1.40E-08	1.57E-07	7.46E-04	2.58E-07	7.79E-07	8.62E-09	1.01E-07	1.10E-07	4.82E-06	2.52E-06
3976	489363.09, 3853877.25	9.26E-04	9.67E-07	5.60E-07	1.33E-07	1.30E-08	1.46E-07	7.06E-04	2.45E-07	7.38E-07	8.17E-09	9.57E-08	1.04E-07	4.62E-06	2.41E-06
3977	489863.09, 3853877.25	8.96E-04	9.37E-07	5.42E-07	1.29E-07	1.26E-08	1.41E-07	6.94E-04	2.40E-07	7.25E-07	8.02E-09	9.40E-08	1.02E-07	4.55E-06	2.37E-06
3978	490363.09, 3853877.25	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	6.70E-04	2.32E-07	7.01E-07	7.75E-09	9.08E-08	9.85E-08	4.43E-06	2.30E-06
3979	490863.09, 3853877.25	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	6.56E-04	2.27E-07	6.86E-07	7.59E-09	8.89E-08	9.65E-08	4.36E-06	2.27E-06
3980	491363.09, 3853877.25	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	4.29E-06	2.23E-06
3981	491863.09, 3853877.25	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	4.20E-06	2.18E-06
3982	492363.09, 3853877.25	7.80E-04	8.16E-07	4.72E-07	1.12E-07	1.10E-08	1.23E-07	6.38E-04	2.21E-07	6.66E-07	7.37E-09	8.63E-08	9.37E-08	4.15E-06	2.16E-06
3983	492863.09, 3853877.25	7.64E-04	7.98E-07	4.62E-07	1.10E-07	1.07E-08	1.21E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	4.09E-06	2.13E-06
3984	493363.09, 3853877.25	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	6.14E-04	2.13E-07	6.42E-07	7.10E-09	8.32E-08	9.03E-08	3.99E-06	2.08E-06
3985	493863.09, 3853877.25	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	5.95E-04	2.06E-07	6.22E-07	6.88E-09	8.06E-08	8.75E-08	3.88E-06	2.02E-06
3986	494363.09, 3853877.25	6.86E-04	7.17E-07	4.15E-07	9.86E-08	9.64E-09	1.08E-07	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	3.78E-06	1.97E-06
3987	494863.09, 3853877.25	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	5.61E-04	1.94E-07	5.86E-07	6.48E-09	7.59E-08	8.24E-08	3.65E-06	1.90E-06
3988	495363.09, 3853877.25	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	5.25E-04	1.82E-07	5.49E-07	6.07E-09	7.11E-08	7.71E-08	3.41E-06	1.77E-06
3989	495863.09, 3853877.25	5.66E-04	5.92E-07	3.43E-07	8.14E-08	7.97E-09	8.94E-08	4.95E-04	1.71E-07	5.17E-07	5.72E-09	6.70E-08	7.28E-08	3.16E-06	1.64E-06
3990	496363.09, 3853877.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	4.75E-04	1.64E-07	4.96E-07	5.49E-09	6.43E-08	6.98E-08	3.00E-06	1.56E-06
3991	496863.09, 3853877.25	4.95E-04	5.17E-07	2.99E-07	7.11E-08	6.96E-09	7.81E-08	4.40E-04	1.52E-07	4.60E-07	5.09E-09	5.96E-08	6.47E-08	2.72E-06	1.42E-06
3992	497363.09, 3853877.25	4.57E-04	4.78E-07	2.77E-07	6.57E-08	6.43E-09	7.21E-08	4.12E-04	1.43E-07	4.31E-07	4.76E-09	5.58E-08	6.06E-08	2.50E-06	1.30E-06
3993	497863.09, 3853877.25	4.10E-04	4.28E-07	2.48E-07	5.89E-08	5.76E-09	6.47E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.21E-06	1.15E-06
3994	498363.09, 3853877.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.49E-04	1.21E-07	3.65E-07	4.04E-09	4.73E-08	5.13E-08	2.05E-06	1.07E-06
3995	471363.09, 3854377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	8.61E-07	4.66E-07
3996	471863.09, 3854377.25	2.50E-04	2.61E-07	1.51E-07	3.59E-08	3.51E-09	3.94E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	9.03E-07	4.88E-07
3997	472363.09, 3854377.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	9.44E-07	5.10E-07
3998	472863.09, 3854377.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	9.83E-07	5.30E-07
3999	473363.09, 3854377.25	2.73E-04	2.85E-07	1.65E-07	3.92E-08	3.83E-09	4.30E-08	2.62E-04	9.06E-08	2.73E-07	3.02E-09	3.54E-08	3.85E-08	1.03E-06	5.56E-07
4000	473863.09, 3854377.25	2.84E-04	2.97E-07	1.72E-07	4.08E-08	3.99E-09	4.48E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	1.09E-06	5.85E-07
4001	474363.09, 3854377.25	2.92E-04	3.05E-07	1.77E-07	4.20E-08	4.11E-09	4.61E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	1.14E-06	6.12E-07
4002	474863.09, 3854377.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	1.18E-06	6.29E-07
4003	475363.09, 3854377.25	2.74E-04	2.87E-07	1.66E-07	3.94E-08	3.86E-09	4.33E-08	2.62E-04	9.06E-08	2.73E-07	3.02E-09	3.54E-08	3.85E-08	1.19E-06	6.32E-07
4004	475863.09, 3854377.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	1.09E-06	5.79E-07
4005	476363.09, 3854377.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.38E-04	8.24E-08	2.49E-07	2.75E-09	3.22E-08	3.50E-08	1.08E-06	5.76E-07
4006	476863.09, 3854377.25	2.50E-04	2.61E-07	1.51E-07	3.59E-08	3.51E-09	3.94E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.12E-06	5.92E-07
4007	477363.09, 3854377.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	1.15E-06	6.12E-07
4008	477863.09, 3854377.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	1.21E-06	6.44E-07
4009	478363.09, 3854377.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.84E-04	9.82E-08	2.96E-07	3.28E-09	3.84E-08	4.17E-08	1.33E-06	7.07E-07
4010	478863.09, 3854377.25	3.00E-04	3.14E-07	1.82E-07	4.32E-08	4.22E-09	4.74E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	1.44E-06	7.60E-07
4011	479363.09, 3854377.25	3.51E-04	3.67E-07	2.12E-07	5.05E-08	4.94E-09	5.54E-08	3.43E-04	1.19E-07	3.59E-07	3.97E-09	4.65E-08	5.04E-08	1.73E-06	9.12E-07
4012	479863.09, 3854377.25	3.95E-04	4.13E-07	2.39E-07	5.68E-08	5.55E-09	6.24E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	2.03E-06	1.07E-06
4013	480363.09, 3854377.25	4.73E-04	4.95E-07	2.86E-07	6.81E-08	6.66E-09	7.47E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	2.47E-06	1.29E-06
4014	480863.09, 3854377.25	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.08E-06	1.62E-06
4015	481363.09, 3854377.25	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	7.80E-04	2.70E-07	8.15E-07	9.02E-09	1.06E-07	1.15E-07	3.73E-06	1.97E-06
4016	481863.09, 3854377.25	1.05E-03	1.10E-06	6.35E-07	1.51E-07	1.48E-08	1.66E-07	1.23E-03	4.24E-07	1.28E-06	1.42E-08	1.66E-07	1.80E-07	4.80E-06	2.57E-06
4017	482363.09, 3854377.25	1.41E-03	1.47E-06	8.50E-07	2.02E-07	1.98E-08	2.22E-07	2.08E-03	7.19E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	7.89E-06	4.20E-06
4018	482863.09, 3854377.25	2.45E-03	2.56E-06	1.48E-06	3.52E-07	3.44E-08	3.87E-07	3.19E-02	1.10E-05	3.33E-05	3.69E-07	4.32E-06	4.69E-06	4.16E-05	2.42E-05
4019	483363.09, 3854377.25	9.25E-03	9.67E-06	5.60E-06	1.33E-06	1.30E-07	1.46E-06	5.53E-03	1.91E-06	5.78E-06	6.39E-08	7.48E-07	8.12E-07	4.80E-05	2.47E-05
4020	483863.09, 3854377.25	1.50E-02	1.57E-05	9.07E-06	2.16E-06	2.11E-07	2.37E-06	2.56E-03	8.88E-07	2.68E-06	2.96E-08	3.47E-07	3.77E-07	3.12E-05	1.67E-05
4021	484363.09, 3854377.25	5.12E-03	5.35E-06	3.10E-06	7.36E-07	7.20E-08	8.08E-07	1.67E-03	5.78E-07	1.75E-06	1.93E-08	2.26E-07	2.45E-07	1.81E-05	9.42E-06
4022	484863.09, 3854377.25	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.68E-07	1.82E-07	1.20E-05	6.20E-06
4023	485363.09, 3854377.25	2.48E-03	2.59E-06	1.50E-06	3.57E-07	3.49E-08	3.91E-07	1.17E-03	4.07E-07	1.23E-06	1.36E-08	1.59E-07	1.73E-07	1.09E-05	5.65E-06
4024	485863.09, 3854377.25	1.81E-03	1.90E-06	1.10E-06	2.61E-07	2.55E-08	2.86E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	8.83E-06	4.56E-06
4025	486363.09, 3854377.25	1.60E-03	1.67E-06	9.66E-07	2.30E-07	2.24E-08	2.52E-07	9.05E-04	3.13E-07	9.46E-07	1.05E-08	1.23E-07	1.33E-07	8.19E-06	4.23E-06
4026	486863.09, 3854377.25	1.36E-03	1.42E-06	8.21E-07	1.95E-07	1.91E-08	2.14E-07	8.24E-04	2.85E-07	8.61E-07	9.52E-09	1.12E-07	1.21E-07	7.35E-06	3.79E-06

4027	487363.09, 3854377.25	1.27E-03	1.33E-06	7.67E-07	1.82E-07	1.78E-08	2.00E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	7.00E-06	3.61E-06
4028	487863.09, 3854377.25	1.24E-03	1.29E-06	7.48E-07	1.78E-07	1.74E-08	1.95E-07	8.19E-04	2.84E-07	8.56E-07	9.47E-09	1.11E-07	1.20E-07	6.76E-06	3.49E-06
4029	488363.09, 3854377.25	1.18E-03	1.24E-06	7.15E-07	1.70E-07	1.66E-08	1.87E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	6.46E-06	3.34E-06
4030	488863.09, 3854377.25	1.12E-03	1.18E-06	6.80E-07	1.62E-07	1.58E-08	1.78E-07	8.00E-04	2.77E-07	8.37E-07	9.25E-09	1.08E-07	1.18E-07	6.20E-06	3.21E-06
4031	489363.09, 3854377.25	1.07E-03	1.11E-06	6.45E-07	1.53E-07	1.50E-08	1.68E-07	7.82E-04	2.71E-07	8.17E-07	9.04E-09	1.06E-07	1.15E-07	5.95E-06	3.08E-06
4032	489863.09, 3854377.25	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	5.71E-06	2.95E-06
4033	490363.09, 3854377.25	9.53E-04	9.96E-07	5.77E-07	1.37E-07	1.34E-08	1.50E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	5.49E-06	2.84E-06
4034	490863.09, 3854377.25	8.42E-04	8.80E-07	5.10E-07	1.21E-07	1.18E-08	1.33E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	5.05E-06	2.61E-06
4035	491363.09, 3854377.25	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	5.03E-06	2.60E-06
4036	491863.09, 3854377.25	8.49E-04	8.87E-07	5.14E-07	1.22E-07	1.19E-08	1.34E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	4.95E-06	2.56E-06
4037	492363.09, 3854377.25	8.31E-04	8.68E-07	5.03E-07	1.19E-07	1.17E-08	1.31E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	4.82E-06	2.49E-06
4038	492863.09, 3854377.25	8.01E-04	8.38E-07	4.85E-07	1.15E-07	1.13E-08	1.27E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	4.68E-06	2.42E-06
4039	493363.09, 3854377.25	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	6.41E-04	2.22E-07	6.70E-07	7.41E-09	8.68E-08	9.42E-08	4.53E-06	2.34E-06
4040	493863.09, 3854377.25	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	4.37E-06	2.26E-06
4041	494363.09, 3854377.25	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	6.00E-04	2.08E-07	6.27E-07	6.94E-09	8.12E-08	8.82E-08	4.23E-06	2.19E-06
4042	494863.09, 3854377.25	6.37E-04	6.65E-07	3.85E-07	9.15E-08	8.95E-09	1.00E-07	5.48E-04	1.90E-07	5.73E-07	6.34E-09	7.42E-08	8.06E-08	3.86E-06	2.00E-06
4043	495363.09, 3854377.25	5.65E-04	5.90E-07	3.42E-07	8.12E-08	7.94E-09	8.92E-08	4.92E-04	1.70E-07	5.14E-07	5.69E-09	6.66E-08	7.23E-08	3.38E-06	1.75E-06
4044	495863.09, 3854377.25	5.16E-04	5.39E-07	3.12E-07	7.42E-08	7.25E-09	8.14E-08	4.56E-04	1.58E-07	4.76E-07	5.27E-09	6.17E-08	6.70E-08	3.04E-06	1.57E-06
4045	496363.09, 3854377.25	4.90E-04	5.12E-07	2.96E-07	7.04E-08	6.89E-09	7.73E-08	4.37E-04	1.51E-07	4.57E-07	5.05E-09	5.92E-08	6.42E-08	2.87E-06	1.49E-06
4046	496863.09, 3854377.25	4.59E-04	4.79E-07	2.78E-07	6.60E-08	6.45E-09	7.24E-08	4.15E-04	1.44E-07	4.34E-07	4.80E-09	5.62E-08	6.10E-08	2.66E-06	1.38E-06
4047	497363.09, 3854377.25	4.13E-04	4.32E-07	2.50E-07	5.94E-08	5.81E-09	6.52E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	2.35E-06	1.22E-06
4048	497863.09, 3854377.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	2.37E-06	1.23E-06
4049	498363.09, 3854377.25	3.92E-04	4.09E-07	2.37E-07	5.63E-08	5.51E-09	6.18E-08	3.62E-04	1.25E-07	3.78E-07	4.18E-09	4.90E-08	5.32E-08	2.19E-06	1.14E-06
4050	471363.09, 3854877.25	2.35E-04	2.46E-07	1.42E-07	3.38E-08	3.31E-09	3.71E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	8.47E-07	4.58E-07
4051	471863.09, 3854877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.33E-04	8.08E-08	2.44E-07	2.70E-09	3.16E-08	3.43E-08	8.84E-07	4.78E-07
4052	472363.09, 3854877.25	2.50E-04	2.61E-07	1.51E-07	3.59E-08	3.51E-09	3.94E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	9.20E-07	4.97E-07
4053	472863.09, 3854877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.41E-04	8.35E-08	2.52E-07	2.79E-09	3.27E-08	3.55E-08	9.54E-07	5.13E-07
4054	473363.09, 3854877.25	2.61E-04	2.73E-07	1.58E-07	3.76E-08	3.67E-09	4.12E-08	2.51E-04	8.68E-08	2.62E-07	2.90E-09	3.39E-08	3.68E-08	1.00E-06	5.39E-07
4055	473863.09, 3854877.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.60E-04	9.00E-08	2.72E-07	3.01E-09	3.52E-08	3.82E-08	1.05E-06	5.66E-07
4056	474363.09, 3854877.25	2.84E-04	2.97E-07	1.72E-07	4.08E-08	3.99E-09	4.48E-08	2.73E-04	9.44E-08	2.85E-07	3.15E-09	3.69E-08	4.01E-08	1.12E-06	5.99E-07
4057	474863.09, 3854877.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.54E-04	8.78E-08	2.65E-07	2.93E-09	3.44E-08	3.73E-08	1.13E-06	6.02E-07
4058	475363.09, 3854877.25	2.42E-04	2.52E-07	1.46E-07	3.47E-08	3.40E-09	3.81E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	1.09E-06	5.77E-07
4059	475863.09, 3854877.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.04E-06	5.52E-07
4060	476363.09, 3854877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	9.56E-07	5.06E-07
4061	476863.09, 3854877.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	2.07E-04	7.16E-08	2.16E-07	2.39E-09	2.80E-08	3.04E-08	9.96E-07	5.26E-07
4062	477363.09, 3854877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	1.10E-06	5.78E-07
4063	477863.09, 3854877.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.18E-06	6.25E-07
4064	478363.09, 3854877.25	2.79E-04	2.92E-07	1.69E-07	4.01E-08	3.93E-09	4.41E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	1.37E-06	7.22E-07
4065	478863.09, 3854877.25	3.22E-04	3.36E-07	1.95E-07	4.62E-08	4.52E-09	5.08E-08	3.16E-04	1.10E-07	3.31E-07	3.66E-09	4.29E-08	4.65E-08	1.61E-06	8.48E-07
4066	479363.09, 3854877.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.59E-04	1.24E-07	3.75E-07	4.15E-09	4.86E-08	5.27E-08	1.97E-06	1.03E-06
4067	479863.09, 3854877.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	4.07E-04	1.41E-07	4.26E-07	4.71E-09	5.52E-08	5.99E-08	2.36E-06	1.23E-06
4068	480363.09, 3854877.25	4.82E-04	5.03E-07	2.91E-07	6.92E-08	6.77E-09	7.60E-08	4.54E-04	1.57E-07	4.75E-07	5.25E-09	6.15E-08	6.68E-08	2.77E-06	1.44E-06
4069	480863.09, 3854877.25	5.91E-04	6.18E-07	3.58E-07	8.50E-08	8.31E-09	9.33E-08	5.59E-04	1.94E-07	5.85E-07	6.46E-09	7.57E-08	8.22E-08	3.34E-06	1.74E-06
4070	481363.09, 3854877.25	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	6.89E-04	2.39E-07	7.20E-07	7.97E-09	9.33E-08	1.01E-07	4.08E-06	2.12E-06
4071	481863.09, 3854877.25	7.72E-04	8.07E-07	4.67E-07	1.11E-07	1.09E-08	1.22E-07	7.90E-04	2.73E-07	8.25E-07	9.13E-09	1.07E-07	1.16E-07	5.53E-06	2.85E-06
4072	482363.09, 3854877.25	1.01E-03	1.05E-06	6.10E-07	1.45E-07	1.42E-08	1.59E-07	1.57E-03	5.42E-07	1.64E-06	1.81E-08	2.12E-07	2.30E-07	8.34E-06	4.33E-06
4073	482863.09, 3854877.25	1.28E-03	1.34E-06	7.73E-07	1.84E-07	1.80E-08	2.02E-07	3.79E-03	1.31E-06	3.96E-06	4.38E-08	5.13E-07	5.57E-07	3.55E-05	1.78E-05
4074	483363.09, 3854877.25	1.80E-03	1.88E-06	1.09E-06	2.59E-07	2.53E-08	2.84E-07	1.83E-02	6.32E-06	1.91E-05	2.11E-07	2.47E-06	2.68E-06	5.21E-05	2.77E-05
4075	483863.09, 3854877.25	3.44E-03	3.59E-06	2.08E-06	4.95E-07	4.84E-08	5.43E-07	4.49E-03	1.56E-06	4.70E-06	5.19E-08	6.08E-07	6.60E-07	5.48E-05	2.75E-05
4076	484363.09, 3854877.25	2.09E-02	2.19E-05	1.27E-05	3.01E-06	2.94E-07	3.31E-06	2.43E-03	8.41E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	6.00E-05	3.12E-05
4077	484863.09, 3854877.25	1.34E-02	1.40E-05	8.11E-06	1.93E-06	1.89E-07	2.12E-06	1.81E-03	6.27E-07	1.89E-06	2.10E-08	2.45E-07	2.66E-07	3.23E-05	1.70E-05
4078	485363.09, 3854877.25	5.12E-03	5.35E-06	3.10E-06	7.37E-07	7.20E-08	8.09E-07	1.47E-03	5.10E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	2.02E-05	1.04E-05
4079	485863.09, 3854877.25	3.14E-03	3.28E-06	1.90E-06	4.51E-07	4.41E-08	4.95E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	1.54E-05	7.90E-06
4080	486363.09, 3854877.25	2.27E-03	2.37E-06	1.37E-06	3.26E-07	3.19E-08	3.58E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	1.26E-05	6.43E-06
4081	486863.09, 3854877.25	1.82E-03	1.90E-06	1.10E-06	2.61E-07	2.55E-08	2.87E-07	9.92E-04	3.43E-07	1.04E-06	1.15E-08	1.34E-07	1.46E-07	1.08E-05	5.52E-06
4082	487363.09, 3854877.25	1.59E-03	1.66E-06	9.63E-07	2.29E-07	2.24E-08	2.51E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	9.75E-06	4.99E-06
4083	487863.09, 3854877.25	1.44E-03	1.50E-06	8.70E-07	2.07E-07	2.02E-08	2.27E-07	8.94E-04	3.10E-07	9.35E-07	1.03E-08	1.21E-07	1.31E-07	8.89E-06	4.55E-06
4084	488363.09, 3854877.25	1.34E-03	1.40E-06	8.09E-07	1.92E-07	1.88E-08	2.11E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	8.22E-06	4.22E-06
4085	488863.09, 3854877.25	1.27E-03	1.33E-06	7.67E-07	1.82E-07	1.78E-08	2.00E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	7.73E-06	3.97E-06
4086	489363.09, 3854877.25	1.19E-03	1.25E-06	7.22E-07	1.72E-07	1.68E-08	1.88E-07	8.58E-04	2.97E-07	8.97E-07	9.92E-09	1.16E-07	1.26E-07	7.28E-06	3.74E-06
4087	489863.09, 3854877.25	1.10E-03	1.15E-06	6.68E-07	1.59E-07	1.55E-08	1.74E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	6.83E-06	3.51E-06
4088	490363.09, 3854877.25	9.29E-04	9.71E-07	5.62E-07	1.34E-07	1.31E-08	1.47E-07	7.05E-04	2.44E-07	7.37E-07	8.15E-09	9.55E-08	1.04E-07	6.17E-06	3.16E-06

4089	490863.09, 3854877.25	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	6.05E-04	2.09E-07	6.32E-07	6.99E-09	8.19E-08	8.89E-08	5.03E-06	2.58E-06
4090	491363.09, 3854877.25	7.72E-04	8.07E-07	4.67E-07	1.11E-07	1.09E-08	1.22E-07	6.19E-04	2.14E-07	6.47E-07	7.15E-09	8.38E-08	9.09E-08	5.16E-06	2.65E-06
4091	491863.09, 3854877.25	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	7.24E-04	2.51E-07	7.56E-07	8.37E-09	9.80E-08	1.06E-07	5.66E-06	2.91E-06
4092	492363.09, 3854877.25	8.80E-04	9.20E-07	5.32E-07	1.27E-07	1.24E-08	1.39E-07	7.19E-04	2.49E-07	7.52E-07	8.31E-09	9.74E-08	1.06E-07	5.47E-06	2.82E-06
4093	492863.09, 3854877.25	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	6.96E-04	2.41E-07	7.27E-07	8.04E-09	9.42E-08	1.02E-07	5.27E-06	2.71E-06
4094	493363.09, 3854877.25	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	6.66E-04	2.30E-07	6.96E-07	7.70E-09	9.02E-08	9.79E-08	5.05E-06	2.60E-06
4095	493863.09, 3854877.25	7.64E-04	7.98E-07	4.62E-07	1.10E-07	1.07E-08	1.21E-07	6.42E-04	2.22E-07	6.71E-07	7.42E-09	8.70E-08	9.44E-08	4.85E-06	2.50E-06
4096	494363.09, 3854877.25	6.68E-04	6.98E-07	4.04E-07	9.60E-08	9.39E-09	1.05E-07	5.69E-04	1.97E-07	5.94E-07	6.57E-09	7.70E-08	8.36E-08	4.37E-06	2.25E-06
4097	494863.09, 3854877.25	5.68E-04	5.94E-07	3.44E-07	8.17E-08	7.99E-09	8.97E-08	4.97E-04	1.72E-07	5.19E-07	5.74E-09	6.72E-08	7.30E-08	3.62E-06	1.87E-06
4098	495363.09, 3854877.25	5.06E-04	5.29E-07	3.06E-07	7.28E-08	7.12E-09	7.99E-08	4.51E-04	1.56E-07	4.72E-07	5.22E-09	6.11E-08	6.63E-08	3.15E-06	1.63E-06
4099	495863.09, 3854877.25	4.72E-04	4.93E-07	2.85E-07	6.78E-08	6.63E-09	7.45E-08	4.26E-04	1.47E-07	4.45E-07	4.93E-09	5.77E-08	6.26E-08	2.88E-06	1.49E-06
4100	496363.09, 3854877.25	4.26E-04	4.45E-07	2.58E-07	6.13E-08	5.99E-09	6.73E-08	3.92E-04	1.36E-07	4.09E-07	4.53E-09	5.30E-08	5.76E-08	2.56E-06	1.33E-06
4101	496863.09, 3854877.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.70E-04	1.28E-07	3.86E-07	4.27E-09	5.01E-08	5.43E-08	2.37E-06	1.23E-06
4102	497363.09, 3854877.25	3.92E-04	4.09E-07	2.37E-07	5.63E-08	5.51E-09	6.18E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	2.30E-06	1.20E-06
4103	497863.09, 3854877.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	3.76E-04	1.30E-07	3.93E-07	4.35E-09	5.09E-08	5.53E-08	2.37E-06	1.23E-06
4104	498363.09, 3854877.25	3.98E-04	4.16E-07	2.41E-07	5.73E-08	5.60E-09	6.29E-08	3.71E-04	1.29E-07	3.88E-07	4.29E-09	5.03E-08	5.46E-08	2.32E-06	1.20E-06
4105	471363.09, 3855377.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	8.25E-07	4.47E-07
4106	471863.09, 3855377.25	2.37E-04	2.47E-07	1.43E-07	3.40E-08	3.33E-09	3.74E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	8.60E-07	4.65E-07
4107	472363.09, 3855377.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.33E-04	8.08E-08	2.44E-07	2.70E-09	3.16E-08	3.43E-08	9.05E-07	4.88E-07
4108	472863.09, 3855377.25	2.48E-04	2.59E-07	1.50E-07	3.57E-08	3.49E-09	3.92E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	9.40E-07	5.06E-07
4109	473363.09, 3855377.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	9.90E-07	5.33E-07
4110	473863.09, 3855377.25	2.69E-04	2.82E-07	1.63E-07	3.87E-08	3.79E-09	4.25E-08	2.57E-04	8.89E-08	2.69E-07	2.97E-09	3.48E-08	3.78E-08	1.04E-06	5.59E-07
4111	474363.09, 3855377.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	1.10E-06	5.88E-07
4112	474863.09, 3855377.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	1.11E-06	5.93E-07
4113	475363.09, 3855377.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	9.21E-07	4.89E-07
4114	475863.09, 3855377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.88E-07	4.71E-07
4115	476363.09, 3855377.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	9.60E-07	5.09E-07
4116	476863.09, 3855377.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	1.00E-06	5.31E-07
4117	477363.09, 3855377.25	2.22E-04	2.32E-07	1.34E-07	3.19E-08	3.12E-09	3.50E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.08E-06	5.68E-07
4118	477863.09, 3855377.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.22E-06	6.42E-07
4119	478363.09, 3855377.25	2.76E-04	2.88E-07	1.67E-07	3.97E-08	3.88E-09	4.35E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	1.41E-06	7.40E-07
4120	478863.09, 3855377.25	3.07E-04	3.21E-07	1.86E-07	4.41E-08	4.32E-09	4.84E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	1.62E-06	8.49E-07
4121	479363.09, 3855377.25	3.49E-04	3.65E-07	2.11E-07	5.02E-08	4.91E-09	5.51E-08	3.35E-04	1.16E-07	3.50E-07	3.88E-09	4.54E-08	4.93E-08	1.96E-06	1.02E-06
4122	479863.09, 3855377.25	3.95E-04	4.13E-07	2.39E-07	5.68E-08	5.55E-09	6.24E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.33E-06	1.21E-06
4123	480363.09, 3855377.25	4.72E-04	4.93E-07	2.85E-07	6.78E-08	6.63E-09	7.45E-08	4.37E-04	1.51E-07	4.57E-07	5.05E-09	5.92E-08	6.42E-08	2.88E-06	1.49E-06
4124	480863.09, 3855377.25	5.63E-04	5.89E-07	3.41E-07	8.10E-08	7.92E-09	8.89E-08	5.39E-04	1.87E-07	5.63E-07	6.23E-09	7.30E-08	7.92E-08	3.46E-06	1.79E-06
4125	481363.09, 3855377.25	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.91E-04	2.39E-07	7.22E-07	7.99E-09	9.36E-08	1.02E-07	4.06E-06	2.11E-06
4126	481863.09, 3855377.25	7.31E-04	7.64E-07	4.42E-07	1.05E-07	1.03E-08	1.15E-07	8.84E-04	3.06E-07	9.23E-07	1.02E-08	1.20E-07	1.30E-07	5.24E-06	2.72E-06
4127	482363.09, 3855377.25	8.05E-04	8.41E-07	4.87E-07	1.16E-07	1.13E-08	1.27E-07	1.16E-03	4.02E-07	1.21E-06	1.34E-08	1.57E-07	1.71E-07	8.19E-06	4.19E-06
4128	482863.09, 3855377.25	9.24E-04	9.66E-07	5.59E-07	1.33E-07	1.30E-08	1.46E-07	1.72E-03	5.95E-07	1.80E-06	1.99E-08	2.33E-07	2.53E-07	3.45E-05	1.71E-05
4129	483363.09, 3855377.25	1.10E-03	1.15E-06	6.67E-07	1.58E-07	1.55E-08	1.74E-07	3.82E-03	1.32E-06	3.99E-06	4.42E-08	5.17E-07	5.62E-07	4.88E-05	2.43E-05
4130	483863.09, 3855377.25	1.47E-03	1.54E-06	8.89E-07	2.11E-07	2.07E-08	2.32E-07	2.47E-02	8.56E-06	2.59E-05	2.86E-07	3.35E-06	3.64E-06	5.91E-05	3.19E-05
4131	484363.09, 3855377.25	2.23E-03	2.34E-06	1.35E-06	3.21E-07	3.14E-08	3.53E-07	4.93E-03	1.71E-06	5.15E-06	5.70E-08	6.67E-07	7.24E-07	5.85E-05	2.93E-05
4132	484863.09, 3855377.25	6.12E-03	6.39E-06	3.70E-06	8.79E-07	8.60E-08	9.66E-07	2.96E-03	1.03E-06	3.10E-06	3.42E-08	4.01E-07	4.35E-07	5.95E-05	2.98E-05
4133	485363.09, 3855377.25	1.41E-02	1.48E-05	8.56E-06	2.03E-06	1.99E-07	2.23E-06	2.12E-03	7.34E-07	2.22E-06	2.45E-08	2.87E-07	3.12E-07	3.92E-05	2.05E-05
4134	485863.09, 3855377.25	5.16E-03	5.40E-06	3.12E-06	7.43E-07	7.26E-08	8.15E-07	1.69E-03	5.84E-07	1.76E-06	1.95E-08	2.28E-07	2.48E-07	2.35E-05	1.21E-05
4135	486363.09, 3855377.25	3.20E-03	3.34E-06	1.94E-06	4.60E-07	4.50E-08	5.05E-07	1.39E-03	4.82E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	1.82E-05	9.30E-06
4136	486863.09, 3855377.25	2.34E-03	2.45E-06	1.42E-06	3.37E-07	3.30E-08	3.70E-07	1.21E-03	4.18E-07	1.26E-06	1.39E-08	1.63E-07	1.77E-07	1.50E-05	7.62E-06
4137	487363.09, 3855377.25	2.00E-03	2.09E-06	1.21E-06	2.88E-07	2.82E-08	3.16E-07	1.14E-03	3.95E-07	1.19E-06	1.32E-08	1.54E-07	1.68E-07	1.29E-05	6.57E-06
4138	487863.09, 3855377.25	1.75E-03	1.83E-06	1.06E-06	2.52E-07	2.46E-08	2.76E-07	1.07E-03	3.72E-07	1.12E-06	1.24E-08	1.46E-07	1.58E-07	1.13E-05	5.77E-06
4139	488363.09, 3855377.25	1.56E-03	1.63E-06	9.44E-07	2.24E-07	2.19E-08	2.46E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.50E-07	1.01E-05	5.17E-06
4140	488863.09, 3855377.25	1.42E-03	1.48E-06	8.57E-07	2.04E-07	1.99E-08	2.24E-07	9.76E-04	3.38E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	9.20E-06	4.71E-06
4141	489363.09, 3855377.25	1.30E-03	1.36E-06	7.88E-07	1.87E-07	1.83E-08	2.06E-07	9.37E-04	3.24E-07	9.79E-07	1.08E-08	1.27E-07	1.38E-07	8.51E-06	4.36E-06
4142	489863.09, 3855377.25	1.21E-03	1.26E-06	7.30E-07	1.73E-07	1.70E-08	1.90E-07	8.91E-04	3.09E-07	9.32E-07	1.03E-08	1.21E-07	1.31E-07	7.98E-06	4.09E-06
4143	490363.09, 3855377.25	1.14E-03	1.19E-06	6.91E-07	1.64E-07	1.61E-08	1.80E-07	8.77E-04	3.04E-07	9.17E-07	1.01E-08	1.19E-07	1.29E-07	7.49E-06	3.85E-06
4144	490863.09, 3855377.25	9.08E-04	9.49E-07	5.49E-07	1.31E-07	1.28E-08	1.43E-07	6.99E-04	2.42E-07	7.30E-07	8.08E-09	9.46E-08	1.03E-07	6.58E-06	3.36E-06
4145	491363.09, 3855377.25	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	6.49E-04	2.25E-07	6.78E-07	7.50E-09	8.78E-08	9.53E-08	5.90E-06	3.02E-06
4146	491863.09, 3855377.25	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	6.39E-06	3.28E-06
4147	492363.09, 3855377.25	9.22E-04	9.64E-07	5.58E-07	1.33E-07	1.30E-08	1.46E-07	7.60E-04	2.63E-07	7.94E-07	8.78E-09	1.03E-07	1.12E-07	6.11E-06	3.14E-06
4148	492863.09, 3855377.25	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	5.83E-06	2.99E-06
4149	493363.09, 3855377.25	8.15E-04	8.51E-07	4.93E-07	1.17E-07	1.15E-08	1.29E-07	6.77E-04	2.34E-07	7.07E-07	7.82E-09	9.16E-08	9.95E-08	5.50E-06	2.83E-06
4150	493863.09, 3855377.25	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	6.02E-04	2.08E-07	6.29E-07	6.95E-09	8.15E-08	8.84E-08	4.96E-06	2.54E-06

4151	494363.09, 3855377.25	6.04E-04	6.31E-07	3.65E-07	8.68E-08	8.49E-09	9.53E-08	5.26E-04	1.82E-07	5.50E-07	6.08E-09	7.13E-08	7.74E-08	4.12E-06	2.12E-06
4152	494863.09, 3855377.25	5.14E-04	5.37E-07	3.11E-07	7.39E-08	7.23E-09	8.12E-08	4.62E-04	1.60E-07	4.83E-07	5.34E-09	6.26E-08	6.79E-08	3.38E-06	1.74E-06
4153	495363.09, 3855377.25	4.57E-04	4.78E-07	2.77E-07	6.57E-08	6.43E-09	7.21E-08	4.18E-04	1.45E-07	4.37E-07	4.83E-09	5.66E-08	6.15E-08	2.90E-06	1.50E-06
4154	495863.09, 3855377.25	4.18E-04	4.37E-07	2.53E-07	6.01E-08	5.88E-09	6.60E-08	3.87E-04	1.34E-07	4.04E-07	4.47E-09	5.24E-08	5.69E-08	2.61E-06	1.35E-06
4155	496363.09, 3855377.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	2.52E-06	1.30E-06
4156	496863.09, 3855377.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.45E-06	1.27E-06
4157	497363.09, 3855377.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.42E-06	1.26E-06
4158	497863.09, 3855377.25	4.06E-04	4.25E-07	2.46E-07	5.84E-08	5.72E-09	6.42E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	2.44E-06	1.27E-06
4159	498363.09, 3855377.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	3.90E-04	1.35E-07	4.08E-07	4.51E-09	5.28E-08	5.73E-08	2.49E-06	1.29E-06
4160	471363.09, 3855877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	7.98E-07	4.33E-07
4161	471863.09, 3855877.25	2.33E-04	2.44E-07	1.41E-07	3.36E-08	3.28E-09	3.68E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	8.33E-07	4.51E-07
4162	472363.09, 3855877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.30E-04	7.97E-08	2.41E-07	2.66E-09	3.12E-08	3.38E-08	8.79E-07	4.75E-07
4163	472863.09, 3855877.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.32E-04	8.03E-08	2.42E-07	2.68E-09	3.14E-08	3.41E-08	9.17E-07	4.94E-07
4164	473363.09, 3855877.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.43E-04	8.41E-08	2.54E-07	2.81E-09	3.29E-08	3.57E-08	9.72E-07	5.23E-07
4165	473863.09, 3855877.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	1.03E-06	5.53E-07
4166	474363.09, 3855877.25	2.74E-04	2.87E-07	1.66E-07	3.94E-08	3.86E-09	4.33E-08	2.58E-04	8.95E-08	2.70E-07	2.99E-09	3.50E-08	3.80E-08	1.08E-06	5.80E-07
4167	474863.09, 3855877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	1.09E-06	5.81E-07
4168	475363.09, 3855877.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	2.07E-04	7.16E-08	2.16E-07	2.39E-09	2.80E-08	3.04E-08	9.81E-07	5.20E-07
4169	475863.09, 3855877.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	8.01E-07	4.25E-07
4170	476363.09, 3855877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	8.46E-07	4.48E-07
4171	476863.09, 3855877.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	9.76E-07	5.16E-07
4172	477363.09, 3855877.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.08E-06	5.72E-07
4173	477863.09, 3855877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.38E-04	8.24E-08	2.49E-07	2.75E-09	3.22E-08	3.50E-08	1.22E-06	6.41E-07
4174	478363.09, 3855877.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	1.41E-06	7.39E-07
4175	478863.09, 3855877.25	3.04E-04	3.17E-07	1.84E-07	4.37E-08	4.27E-09	4.79E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	1.69E-06	8.80E-07
4176	479363.09, 3855877.25	3.48E-04	3.63E-07	2.10E-07	5.00E-08	4.89E-09	5.49E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	2.04E-06	1.06E-06
4177	479863.09, 3855877.25	3.92E-04	4.09E-07	2.37E-07	5.63E-08	5.51E-09	6.18E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	2.42E-06	1.25E-06
4178	480363.09, 3855877.25	4.52E-04	4.73E-07	2.74E-07	6.50E-08	6.36E-09	7.14E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	2.90E-06	1.50E-06
4179	480863.09, 3855877.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	4.92E-04	1.70E-07	5.14E-07	5.69E-09	6.66E-08	7.23E-08	3.45E-06	1.78E-06
4180	481363.09, 3855877.25	5.60E-04	5.85E-07	3.39E-07	8.05E-08	7.87E-09	8.84E-08	5.31E-04	1.84E-07	5.55E-07	6.14E-09	7.19E-08	7.81E-08	4.15E-06	2.13E-06
4181	481863.09, 3855877.25	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	4.85E-06	2.51E-06
4182	482363.09, 3855877.25	6.84E-04	7.15E-07	4.14E-07	9.83E-08	9.62E-09	1.08E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	6.60E-06	3.38E-06
4183	482863.09, 3855877.25	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	1.17E-03	4.04E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	1.16E-05	5.83E-06
4184	483363.09, 3855877.25	8.54E-04	8.92E-07	5.17E-07	1.23E-07	1.20E-08	1.35E-07	1.66E-03	5.76E-07	1.74E-06	1.92E-08	2.25E-07	2.45E-07	4.22E-05	2.08E-05
4185	483863.09, 3855877.25	1.02E-03	1.06E-06	6.16E-07	1.46E-07	1.43E-08	1.61E-07	3.43E-03	1.19E-06	3.59E-06	3.97E-08	4.65E-07	5.05E-07	5.21E-05	2.59E-05
4186	484363.09, 3855877.25	1.34E-03	1.40E-06	8.13E-07	1.93E-07	1.89E-08	2.12E-07	4.00E-02	1.39E-05	4.18E-05	4.63E-07	5.42E-06	5.88E-06	6.48E-05	3.65E-05
4187	484863.09, 3855877.25	2.01E-03	2.10E-06	1.22E-06	2.89E-07	2.83E-08	3.17E-07	6.27E-03	2.17E-06	6.56E-06	7.25E-08	8.50E-07	9.22E-07	6.01E-05	3.01E-05
4188	485363.09, 3855877.25	5.37E-03	5.61E-06	3.25E-06	7.72E-07	7.55E-08	8.48E-07	3.48E-03	1.20E-06	3.63E-06	4.02E-08	4.71E-07	5.11E-07	6.08E-05	3.04E-05
4189	485863.09, 3855877.25	1.56E-02	1.63E-05	9.45E-06	2.25E-06	2.20E-07	2.46E-06	2.39E-03	8.26E-07	2.50E-06	2.76E-08	3.23E-07	3.51E-07	4.73E-05	2.46E-05
4190	486363.09, 3855877.25	5.07E-03	5.30E-06	3.07E-06	7.30E-07	7.14E-08	8.01E-07	1.79E-03	6.20E-07	1.87E-06	2.07E-08	2.43E-07	2.63E-07	2.59E-05	1.32E-05
4191	486863.09, 3855877.25	3.21E-03	3.36E-06	1.94E-06	4.62E-07	4.52E-08	5.07E-07	1.50E-03	5.21E-07	1.57E-06	1.74E-08	2.04E-07	2.21E-07	1.98E-05	1.01E-05
4192	487363.09, 3855877.25	2.56E-03	2.67E-06	1.55E-06	3.68E-07	3.60E-08	4.04E-07	1.39E-03	4.82E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	1.61E-05	8.21E-06
4193	487863.09, 3855877.25	2.15E-03	2.24E-06	1.30E-06	3.09E-07	3.02E-08	3.39E-07	1.30E-03	4.52E-07	1.36E-06	1.51E-08	1.77E-07	1.92E-07	1.36E-05	6.97E-06
4194	488363.09, 3855877.25	1.84E-03	1.93E-06	1.12E-06	2.65E-07	2.59E-08	2.91E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	1.19E-05	6.09E-06
4195	488863.09, 3855877.25	1.62E-03	1.70E-06	9.82E-07	2.33E-07	2.28E-08	2.56E-07	1.14E-03	3.94E-07	1.19E-06	1.32E-08	1.54E-07	1.67E-07	1.07E-05	5.46E-06
4196	489363.09, 3855877.25	1.45E-03	1.52E-06	8.78E-07	2.09E-07	2.04E-08	2.29E-07	1.07E-03	3.70E-07	1.12E-06	1.23E-08	1.45E-07	1.57E-07	9.73E-06	4.98E-06
4197	489863.09, 3855877.25	1.32E-03	1.38E-06	8.00E-07	1.90E-07	1.86E-08	2.09E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	9.00E-06	4.61E-06
4198	490363.09, 3855877.25	1.23E-03	1.28E-06	7.42E-07	1.76E-07	1.72E-08	1.94E-07	9.68E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	8.37E-06	4.29E-06
4199	490863.09, 3855877.25	1.14E-03	1.19E-06	6.90E-07	1.64E-07	1.60E-08	1.80E-07	9.09E-04	3.15E-07	9.50E-07	1.05E-08	1.23E-07	1.34E-07	7.87E-06	4.03E-06
4200	491363.09, 3855877.25	1.03E-03	1.08E-06	6.26E-07	1.49E-07	1.46E-08	1.63E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	7.44E-06	3.80E-06
4201	491863.09, 3855877.25	1.02E-03	1.07E-06	6.17E-07	1.47E-07	1.43E-08	1.61E-07	8.46E-04	2.93E-07	8.84E-07	9.78E-09	1.15E-07	1.24E-07	7.02E-06	3.60E-06
4202	492363.09, 3855877.25	9.60E-04	1.00E-06	5.81E-07	1.38E-07	1.35E-08	1.52E-07	8.00E-04	2.77E-07	8.37E-07	9.25E-09	1.08E-07	1.18E-07	6.69E-06	3.43E-06
4203	492863.09, 3855877.25	9.04E-04	9.45E-07	5.47E-07	1.30E-07	1.27E-08	1.43E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	6.35E-06	3.26E-06
4204	493363.09, 3855877.25	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	5.77E-06	2.95E-06
4205	493863.09, 3855877.25	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	5.70E-04	1.97E-07	5.96E-07	6.59E-09	7.72E-08	8.38E-08	4.77E-06	2.45E-06
4206	494363.09, 3855877.25	5.48E-04	5.73E-07	3.32E-07	7.89E-08	7.71E-09	8.66E-08	4.93E-04	1.71E-07	5.16E-07	5.70E-09	6.68E-08	7.25E-08	3.78E-06	1.95E-06
4207	494863.09, 3855877.25	4.80E-04	5.02E-07	2.90E-07	6.90E-08	6.75E-09	7.58E-08	4.43E-04	1.53E-07	4.63E-07	5.12E-09	6.00E-08	6.52E-08	3.17E-06	1.64E-06
4208	495363.09, 3855877.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	3.92E-04	1.36E-07	4.09E-07	4.53E-09	5.30E-08	5.76E-08	2.66E-06	1.38E-06
4209	495863.09, 3855877.25	4.08E-04	4.27E-07	2.47E-07	5.87E-08	5.74E-09	6.44E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	2.58E-06	1.33E-06
4210	496363.09, 3855877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	2.52E-06	1.30E-06
4211	496863.09, 3855877.25	4.06E-04	4.25E-07	2.46E-07	5.84E-08	5.72E-09	6.42E-08	3.84E-04	1.33E-07	4.01E-07	4.44E-09	5.20E-08	5.64E-08	2.51E-06	1.30E-06
4212	497363.09, 3855877.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	2.52E-06	1.31E-06

4213	497863.09, 3855877.25	4.19E-04	4.38E-07	2.54E-07	6.03E-08	5.90E-09	6.62E-08	3.98E-04	1.38E-07	4.16E-07	4.60E-09	5.39E-08	5.85E-08	2.56E-06	1.33E-06
4214	498363.09, 3855877.25	4.44E-04	4.64E-07	2.69E-07	6.38E-08	6.24E-09	7.01E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	2.71E-06	1.40E-06
4215	471363.09, 3856377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.07E-04	7.16E-08	2.16E-07	2.39E-09	2.80E-08	3.04E-08	7.77E-07	4.21E-07
4216	471863.09, 3856377.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	8.12E-07	4.39E-07
4217	472363.09, 3856377.25	2.33E-04	2.44E-07	1.41E-07	3.36E-08	3.28E-09	3.68E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	8.54E-07	4.61E-07
4218	472863.09, 3856377.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	9.03E-07	4.87E-07
4219	473363.09, 3856377.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	9.52E-07	5.12E-07
4220	473863.09, 3856377.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.49E-04	8.62E-08	2.60E-07	2.88E-09	3.37E-08	3.66E-08	1.01E-06	5.44E-07
4221	474363.09, 3856377.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	1.06E-06	5.65E-07
4222	474863.09, 3856377.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	1.10E-06	5.85E-07
4223	475363.09, 3856377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	1.10E-06	5.80E-07
4224	475863.09, 3856377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	9.97E-07	5.26E-07
4225	476363.09, 3856377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	1.01E-06	5.31E-07
4226	476863.09, 3856377.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	1.05E-06	5.55E-07
4227	477363.09, 3856377.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	1.12E-06	5.92E-07
4228	477863.09, 3856377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	1.08E-06	5.68E-07
4229	478363.09, 3856377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.18E-04	7.54E-08	2.28E-07	2.52E-09	2.95E-08	3.20E-08	1.10E-06	5.81E-07
4230	478863.09, 3856377.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	1.50E-06	7.83E-07
4231	479363.09, 3856377.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.90E-04	1.00E-07	3.03E-07	3.35E-09	3.92E-08	4.26E-08	1.81E-06	9.38E-07
4232	479863.09, 3856377.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	2.36E-06	1.22E-06
4233	480363.09, 3856377.25	4.31E-04	4.50E-07	2.61E-07	6.20E-08	6.06E-09	6.80E-08	3.99E-04	1.38E-07	4.18E-07	4.62E-09	5.41E-08	5.87E-08	2.83E-06	1.46E-06
4234	480863.09, 3856377.25	4.86E-04	5.08E-07	2.94E-07	6.99E-08	6.84E-09	7.68E-08	4.64E-04	1.61E-07	4.85E-07	5.36E-09	6.28E-08	6.82E-08	3.24E-06	1.67E-06
4235	481363.09, 3856377.25	5.37E-04	5.61E-07	3.25E-07	7.72E-08	7.55E-09	8.48E-08	5.53E-04	1.91E-07	5.78E-07	6.39E-09	7.49E-08	8.13E-08	3.70E-06	1.91E-06
4236	481863.09, 3856377.25	5.84E-04	6.11E-07	3.54E-07	8.40E-08	8.22E-09	9.22E-08	6.75E-04	2.34E-07	7.06E-07	7.80E-09	9.14E-08	9.92E-08	4.25E-06	2.20E-06
4237	482363.09, 3856377.25	6.15E-04	6.43E-07	3.72E-07	8.85E-08	8.65E-09	9.71E-08	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	5.26E-06	2.71E-06
4238	482863.09, 3856377.25	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	7.46E-06	3.79E-06
4239	483363.09, 3856377.25	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	1.14E-03	3.94E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	2.07E-05	1.03E-05
4240	483863.09, 3856377.25	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	1.58E-03	5.46E-07	1.65E-06	1.82E-08	2.14E-07	2.32E-07	4.63E-05	2.28E-05
4241	484363.09, 3856377.25	9.92E-04	1.04E-06	6.00E-07	1.43E-07	1.40E-08	1.57E-07	2.90E-03	1.00E-06	3.03E-06	3.35E-08	3.93E-07	4.26E-07	5.36E-05	2.65E-05
4242	484863.09, 3856377.25	1.27E-03	1.33E-06	7.70E-07	1.83E-07	1.79E-08	2.01E-07	2.98E-02	1.03E-05	3.11E-05	3.44E-07	4.04E-06	4.38E-06	6.33E-05	3.45E-05
4243	485363.09, 3856377.25	1.88E-03	1.97E-06	1.14E-06	2.71E-07	2.65E-08	2.97E-07	8.33E-03	2.88E-06	8.70E-06	9.62E-08	1.13E-06	1.22E-06	6.09E-05	3.08E-05
4244	485863.09, 3856377.25	4.72E-03	4.93E-06	2.85E-06	6.78E-07	6.63E-08	7.45E-07	3.99E-03	1.38E-06	4.17E-06	4.62E-08	5.41E-07	5.87E-07	6.14E-05	3.07E-05
4245	486363.09, 3856377.25	1.80E-02	1.88E-05	1.09E-05	2.59E-06	2.53E-07	2.84E-06	2.43E-03	8.43E-07	2.54E-06	2.81E-08	3.30E-07	3.58E-07	5.62E-05	2.91E-05
4246	486863.09, 3856377.25	5.69E-03	5.95E-06	3.44E-06	8.18E-07	8.00E-08	8.98E-07	1.98E-03	6.87E-07	2.07E-06	2.29E-08	2.69E-07	2.92E-07	2.74E-05	1.40E-05
4247	487363.09, 3856377.25	3.54E-03	3.70E-06	2.14E-06	5.09E-07	4.98E-08	5.59E-07	1.74E-03	6.04E-07	1.82E-06	2.02E-08	2.36E-07	2.56E-07	2.02E-05	1.03E-05
4248	487863.09, 3856377.25	2.65E-03	2.77E-06	1.61E-06	3.82E-07	3.73E-08	4.19E-07	1.60E-03	5.54E-07	1.67E-06	1.85E-08	2.17E-07	2.35E-07	1.63E-05	8.34E-06
4249	488363.09, 3856377.25	2.17E-03	2.27E-06	1.32E-06	3.13E-07	3.06E-08	3.43E-07	1.47E-03	5.09E-07	1.54E-06	1.70E-08	1.99E-07	2.16E-07	1.39E-05	7.12E-06
4250	488863.09, 3856377.25	1.86E-03	1.94E-06	1.12E-06	2.67E-07	2.61E-08	2.93E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	1.99E-07	1.23E-05	6.28E-06
4251	489363.09, 3856377.25	1.63E-03	1.71E-06	9.89E-07	2.35E-07	2.30E-08	2.58E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	1.11E-05	5.66E-06
4252	489863.09, 3856377.25	1.46E-03	1.53E-06	8.85E-07	2.10E-07	2.06E-08	2.31E-07	1.17E-03	4.06E-07	1.22E-06	1.35E-08	1.59E-07	1.72E-07	1.01E-05	5.16E-06
4253	490363.09, 3856377.25	1.33E-03	1.39E-06	8.04E-07	1.91E-07	1.87E-08	2.10E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	9.31E-06	4.77E-06
4254	490863.09, 3856377.25	1.22E-03	1.28E-06	7.41E-07	1.76E-07	1.72E-08	1.93E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	8.68E-06	4.44E-06
4255	491363.09, 3856377.25	1.14E-03	1.19E-06	6.89E-07	1.64E-07	1.60E-08	1.80E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	8.12E-06	4.16E-06
4256	491863.09, 3856377.25	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	9.04E-04	3.13E-07	9.45E-07	1.04E-08	1.22E-07	1.33E-07	7.66E-06	3.92E-06
4257	492363.09, 3856377.25	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	7.27E-06	3.72E-06
4258	492863.09, 3856377.25	8.81E-04	9.21E-07	5.33E-07	1.27E-07	1.24E-08	1.39E-07	7.47E-04	2.59E-07	7.81E-07	8.64E-09	1.01E-07	1.10E-07	6.73E-06	3.44E-06
4259	493363.09, 3856377.25	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.09E-04	2.11E-07	6.37E-07	7.04E-09	8.25E-08	8.96E-08	5.39E-06	2.75E-06
4260	493863.09, 3856377.25	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	5.48E-04	1.90E-07	5.73E-07	6.34E-09	7.42E-08	8.06E-08	4.47E-06	2.29E-06
4261	494363.09, 3856377.25	5.19E-04	5.43E-07	3.14E-07	7.46E-08	7.30E-09	8.19E-08	4.82E-04	1.67E-07	5.04E-07	5.58E-09	6.53E-08	7.09E-08	3.60E-06	1.85E-06
4262	494863.09, 3856377.25	4.57E-04	4.78E-07	2.77E-07	6.57E-08	6.43E-09	7.21E-08	4.32E-04	1.50E-07	4.52E-07	5.00E-09	5.86E-08	6.35E-08	3.02E-06	1.56E-06
4263	495363.09, 3856377.25	4.19E-04	4.38E-07	2.54E-07	6.03E-08	5.90E-09	6.62E-08	4.01E-04	1.39E-07	4.19E-07	4.64E-09	5.43E-08	5.89E-08	2.69E-06	1.39E-06
4264	495863.09, 3856377.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	2.58E-06	1.34E-06
4265	496363.09, 3856377.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	2.56E-06	1.33E-06
4266	496863.09, 3856377.25	4.21E-04	4.40E-07	2.55E-07	6.06E-08	5.92E-09	6.65E-08	4.01E-04	1.39E-07	4.19E-07	4.64E-09	5.43E-08	5.89E-08	2.60E-06	1.35E-06
4267	497363.09, 3856377.25	4.31E-04	4.50E-07	2.61E-07	6.20E-08	6.06E-09	6.80E-08	4.10E-04	1.42E-07	4.29E-07	4.74E-09	5.56E-08	6.03E-08	2.64E-06	1.37E-06
4268	497863.09, 3856377.25	4.47E-04	4.67E-07	2.71E-07	6.43E-08	6.29E-09	7.06E-08	4.23E-04	1.46E-07	4.42E-07	4.89E-09	5.73E-08	6.22E-08	2.74E-06	1.42E-06
4269	498363.09, 3856377.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.40E-04	1.52E-07	4.60E-07	5.09E-09	5.96E-08	6.47E-08	2.90E-06	1.50E-06
4270	471363.09, 3856877.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	7.62E-07	4.12E-07
4271	471863.09, 3856877.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	7.97E-07	4.30E-07
4272	472363.09, 3856877.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	8.37E-07	4.51E-07
4273	472863.09, 3856877.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	8.81E-07	4.74E-07
4274	473363.09, 3856877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	9.36E-07	5.03E-07

4275	473863.09, 3856877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	9.90E-07	5.30E-07
4276	474363.09, 3856877.25	2.53E-04	2.64E-07	1.53E-07	3.64E-08	3.56E-09	3.99E-08	2.37E-04	8.19E-08	2.47E-07	2.73E-09	3.20E-08	3.48E-08	1.04E-06	5.53E-07
4277	474863.09, 3856877.25	2.48E-04	2.59E-07	1.50E-07	3.57E-08	3.49E-09	3.92E-08	2.30E-04	7.97E-08	2.41E-07	2.66E-09	3.12E-08	3.38E-08	1.08E-06	5.73E-07
4278	475363.09, 3856877.25	2.37E-04	2.47E-07	1.43E-07	3.40E-08	3.33E-09	3.74E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	1.09E-06	5.76E-07
4279	475863.09, 3856877.25	2.37E-04	2.47E-07	1.43E-07	3.40E-08	3.33E-09	3.74E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.14E-06	6.01E-07
4280	476363.09, 3856877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.13E-04	7.37E-08	2.23E-07	2.46E-09	2.89E-08	3.13E-08	1.13E-06	5.96E-07
4281	476863.09, 3856877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	1.15E-06	6.04E-07
4282	477363.09, 3856877.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.13E-04	7.37E-08	2.23E-07	2.46E-09	2.89E-08	3.13E-08	1.14E-06	5.98E-07
4283	477863.09, 3856877.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	1.02E-06	5.36E-07
4284	478363.09, 3856877.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	1.03E-06	5.43E-07
4285	478863.09, 3856877.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	1.17E-06	6.13E-07
4286	479363.09, 3856877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.38E-06	7.24E-07
4287	479863.09, 3856877.25	3.40E-04	3.55E-07	2.05E-07	4.88E-08	4.77E-09	5.36E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	2.22E-06	1.14E-06
4288	480363.09, 3856877.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.67E-06	1.38E-06
4289	480863.09, 3856877.25	4.62E-04	4.83E-07	2.80E-07	6.64E-08	6.50E-09	7.29E-08	4.51E-04	1.56E-07	4.72E-07	5.22E-09	6.11E-08	6.63E-08	2.98E-06	1.54E-06
4290	481363.09, 3856877.25	4.98E-04	5.20E-07	3.01E-07	7.16E-08	7.00E-09	7.86E-08	5.25E-04	1.82E-07	5.49E-07	6.07E-09	7.11E-08	7.71E-08	3.29E-06	1.70E-06
4291	481863.09, 3856877.25	5.30E-04	5.54E-07	3.21E-07	7.63E-08	7.46E-09	8.37E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	3.74E-06	1.93E-06
4292	482363.09, 3856877.25	5.62E-04	5.87E-07	3.40E-07	8.07E-08	7.90E-09	8.86E-08	6.88E-04	2.38E-07	7.19E-07	7.95E-09	9.31E-08	1.01E-07	4.28E-06	2.21E-06
4293	482863.09, 3856877.25	6.01E-04	6.28E-07	3.63E-07	8.64E-08	8.45E-09	9.48E-08	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	5.46E-06	2.80E-06
4294	483363.09, 3856877.25	6.51E-04	6.81E-07	3.94E-07	9.37E-08	9.16E-09	1.03E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	8.72E-06	4.40E-06
4295	483863.09, 3856877.25	7.17E-04	7.49E-07	4.34E-07	1.03E-07	1.01E-08	1.13E-07	1.09E-03	3.79E-07	1.14E-06	1.27E-08	1.48E-07	1.61E-07	3.76E-05	1.85E-05
4296	484363.09, 3856877.25	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	1.49E-03	5.17E-07	1.56E-06	1.73E-08	2.02E-07	2.20E-07	4.72E-05	2.32E-05
4297	484863.09, 3856877.25	9.71E-04	1.02E-06	5.88E-07	1.40E-07	1.37E-08	1.53E-07	2.41E-03	8.35E-07	2.52E-06	2.79E-08	3.27E-07	3.55E-07	5.22E-05	2.58E-05
4298	485363.09, 3856877.25	1.24E-03	1.29E-06	7.50E-07	1.78E-07	1.74E-08	1.96E-07	9.02E-03	3.12E-06	9.43E-06	1.04E-07	1.22E-06	1.33E-06	5.69E-05	2.89E-05
4299	485863.09, 3856877.25	1.81E-03	1.89E-06	1.10E-06	2.60E-07	2.55E-08	2.86E-07	1.18E-02	4.07E-06	1.23E-05	1.36E-07	1.59E-06	1.73E-06	6.01E-05	3.08E-05
4300	486363.09, 3856877.25	4.46E-03	4.66E-06	2.70E-06	6.41E-07	6.27E-08	7.04E-07	3.86E-03	1.34E-06	4.04E-06	4.47E-08	5.23E-07	5.68E-07	6.17E-05	3.09E-05
4301	486863.09, 3856877.25	2.09E-02	2.19E-05	1.27E-05	3.01E-06	2.94E-07	3.30E-06	2.79E-03	9.66E-07	2.92E-06	3.23E-08	3.78E-07	4.10E-07	6.00E-05	3.12E-05
4302	487363.09, 3856877.25	5.90E-03	6.17E-06	3.57E-06	8.49E-07	8.30E-08	9.32E-07	2.32E-03	8.03E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	4.03E-05	2.04E-05
4303	487863.09, 3856877.25	3.60E-03	3.76E-06	2.18E-06	5.18E-07	5.06E-08	5.68E-07	2.02E-03	6.98E-07	2.11E-06	2.33E-08	2.73E-07	2.96E-07	3.02E-05	1.52E-05
4304	488363.09, 3856877.25	2.67E-03	2.79E-06	1.62E-06	3.84E-07	3.76E-08	4.22E-07	1.82E-03	6.28E-07	1.90E-06	2.10E-08	2.46E-07	2.67E-07	1.86E-05	9.49E-06
4305	488863.09, 3856877.25	2.17E-03	2.27E-06	1.32E-06	3.13E-07	3.06E-08	3.43E-07	1.64E-03	5.67E-07	1.71E-06	1.89E-08	2.22E-07	2.41E-07	1.49E-05	7.62E-06
4306	489363.09, 3856877.25	1.86E-03	1.95E-06	1.13E-06	2.68E-07	2.62E-08	2.94E-07	1.50E-03	5.19E-07	1.57E-06	1.73E-08	2.03E-07	2.21E-07	1.27E-05	6.53E-06
4307	489863.09, 3856877.25	1.64E-03	1.72E-06	9.94E-07	2.36E-07	2.31E-08	2.59E-07	1.37E-03	4.76E-07	1.44E-06	1.59E-08	1.86E-07	2.02E-07	1.13E-05	5.80E-06
4308	490363.09, 3856877.25	1.47E-03	1.54E-06	8.89E-07	2.11E-07	2.07E-08	2.32E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	1.03E-05	5.29E-06
4309	490863.09, 3856877.25	1.33E-03	1.39E-06	8.04E-07	1.91E-07	1.87E-08	2.10E-07	1.15E-03	3.99E-07	1.20E-06	1.33E-08	1.56E-07	1.69E-07	9.53E-06	4.88E-06
4310	491363.09, 3856877.25	1.21E-03	1.27E-06	7.34E-07	1.74E-07	1.71E-08	1.91E-07	1.07E-03	3.69E-07	1.11E-06	1.23E-08	1.44E-07	1.57E-07	8.87E-06	4.54E-06
4311	491863.09, 3856877.25	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	9.84E-04	3.41E-07	1.03E-06	1.14E-08	1.33E-07	1.45E-07	8.61E-06	4.40E-06
4312	492363.09, 3856877.25	9.63E-04	1.01E-06	5.83E-07	1.38E-07	1.35E-08	1.52E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	7.94E-06	4.04E-06
4313	492863.09, 3856877.25	8.34E-04	8.72E-07	5.05E-07	1.20E-07	1.17E-08	1.32E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	6.97E-06	3.55E-06
4314	493363.09, 3856877.25	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	6.36E-04	2.20E-07	6.65E-07	7.35E-09	8.61E-08	9.35E-08	5.73E-06	2.92E-06
4315	493863.09, 3856877.25	5.86E-04	6.12E-07	3.55E-07	8.43E-08	8.24E-09	9.25E-08	5.45E-04	1.89E-07	5.70E-07	6.30E-09	7.38E-08	8.01E-08	4.31E-06	2.21E-06
4316	494363.09, 3856877.25	5.04E-04	5.27E-07	3.05E-07	7.25E-08	7.09E-09	7.96E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	3.43E-06	1.77E-06
4317	494863.09, 3856877.25	4.67E-04	4.88E-07	2.82E-07	6.71E-08	6.56E-09	7.37E-08	4.50E-04	1.56E-07	4.70E-07	5.20E-09	6.09E-08	6.61E-08	3.06E-06	1.58E-06
4318	495363.09, 3856877.25	4.46E-04	4.66E-07	2.70E-07	6.41E-08	6.27E-09	7.03E-08	4.31E-04	1.49E-07	4.50E-07	4.98E-09	5.83E-08	6.33E-08	2.85E-06	1.48E-06
4319	495863.09, 3856877.25	4.41E-04	4.61E-07	2.67E-07	6.34E-08	6.20E-09	6.96E-08	4.25E-04	1.47E-07	4.44E-07	4.91E-09	5.75E-08	6.24E-08	2.76E-06	1.43E-06
4320	496363.09, 3856877.25	4.37E-04	4.57E-07	2.65E-07	6.29E-08	6.15E-09	6.91E-08	4.21E-04	1.46E-07	4.40E-07	4.87E-09	5.71E-08	6.19E-08	2.71E-06	1.40E-06
4321	496863.09, 3856877.25	4.42E-04	4.62E-07	2.68E-07	6.36E-08	6.22E-09	6.98E-08	4.26E-04	1.47E-07	4.45E-07	4.93E-09	5.77E-08	6.26E-08	2.70E-06	1.40E-06
4322	497363.09, 3856877.25	4.54E-04	4.74E-07	2.75E-07	6.53E-08	6.38E-09	7.16E-08	4.35E-04	1.51E-07	4.55E-07	5.03E-09	5.90E-08	6.40E-08	2.75E-06	1.43E-06
4323	497863.09, 3856877.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	4.56E-04	1.58E-07	4.76E-07	5.27E-09	6.17E-08	6.70E-08	2.95E-06	1.53E-06
4324	498363.09, 3856877.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	4.79E-04	1.66E-07	5.01E-07	5.54E-09	6.49E-08	7.05E-08	3.18E-06	1.64E-06
4325	471363.09, 3857377.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	7.61E-07	4.11E-07
4326	471863.09, 3857377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	7.91E-07	4.26E-07
4327	472363.09, 3857377.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	8.30E-07	4.46E-07
4328	472863.09, 3857377.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	8.70E-07	4.67E-07
4329	473363.09, 3857377.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.18E-04	7.54E-08	2.28E-07	2.52E-09	2.95E-08	3.20E-08	9.19E-07	4.92E-07
4330	473863.09, 3857377.25	2.42E-04	2.52E-07	1.46E-07	3.47E-08	3.40E-09	3.81E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	9.73E-07	5.21E-07
4331	474363.09, 3857377.25	2.37E-04	2.47E-07	1.43E-07	3.40E-08	3.33E-09	3.74E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	1.01E-06	5.39E-07
4332	474863.09, 3857377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	1.01E-06	5.33E-07
4333	475363.09, 3857377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	9.14E-07	4.83E-07
4334	475863.09, 3857377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	9.10E-07	4.80E-07
4335	476363.09, 3857377.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	1.07E-06	5.60E-07
4336	476863.09, 3857377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.07E-04	7.16E-08	2.16E-07	2.39E-09	2.80E-08	3.04E-08	1.13E-06	5.93E-07

4337	477363.09, 3857377.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	1.11E-06	5.85E-07
4338	477863.09, 3857377.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	1.01E-06	5.34E-07
4339	478363.09, 3857377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	9.65E-07	5.09E-07
4340	478863.09, 3857377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	9.60E-07	5.06E-07
4341	479363.09, 3857377.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.18E-06	6.19E-07
4342	479863.09, 3857377.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	2.82E-04	9.76E-08	2.95E-07	3.26E-09	3.82E-08	4.14E-08	2.01E-06	1.03E-06
4343	480363.09, 3857377.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	1.93E-06	9.96E-07
4344	480863.09, 3857377.25	4.33E-04	4.52E-07	2.62E-07	6.22E-08	6.08E-09	6.83E-08	4.23E-04	1.46E-07	4.42E-07	4.89E-09	5.73E-08	6.22E-08	2.76E-06	1.43E-06
4345	481363.09, 3857377.25	4.52E-04	4.73E-07	2.74E-07	6.50E-08	6.36E-09	7.14E-08	4.42E-04	1.53E-07	4.62E-07	5.11E-09	5.98E-08	6.49E-08	3.09E-06	1.59E-06
4346	481863.09, 3857377.25	4.90E-04	5.12E-07	2.96E-07	7.04E-08	6.89E-09	7.73E-08	5.06E-04	1.75E-07	5.29E-07	5.85E-09	6.85E-08	7.44E-08	3.37E-06	1.74E-06
4347	482363.09, 3857377.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	6.06E-04	2.10E-07	6.34E-07	7.01E-09	8.21E-08	8.91E-08	3.59E-06	1.86E-06
4348	482863.09, 3857377.25	5.48E-04	5.73E-07	3.32E-07	7.89E-08	7.71E-09	8.66E-08	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	4.10E-06	2.12E-06
4349	483363.09, 3857377.25	5.88E-04	6.14E-07	3.56E-07	8.45E-08	8.26E-09	9.28E-08	7.52E-04	2.60E-07	7.86E-07	8.69E-09	1.02E-07	1.11E-07	4.82E-06	2.49E-06
4350	483863.09, 3857377.25	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	8.71E-04	3.02E-07	9.10E-07	1.01E-08	1.18E-07	1.28E-07	5.81E-06	2.98E-06
4351	484363.09, 3857377.25	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	1.05E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	7.48E-06	3.82E-06
4352	484863.09, 3857377.25	8.18E-04	8.55E-07	4.95E-07	1.18E-07	1.15E-08	1.29E-07	1.39E-03	4.82E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	1.01E-05	5.15E-06
4353	485363.09, 3857377.25	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	2.07E-03	7.17E-07	2.16E-06	2.39E-08	2.80E-07	3.04E-07	1.78E-05	8.97E-06
4354	485863.09, 3857377.25	1.20E-03	1.25E-06	7.24E-07	1.72E-07	1.68E-08	1.89E-07	4.91E-03	1.70E-06	5.13E-06	5.68E-08	6.65E-07	7.22E-07	4.58E-05	2.30E-05
4355	486363.09, 3857377.25	1.78E-03	1.86E-06	1.08E-06	2.56E-07	2.50E-08	2.81E-07	1.78E-02	6.17E-06	1.86E-05	2.06E-07	2.41E-06	2.62E-06	5.71E-05	3.01E-05
4356	486863.09, 3857377.25	4.09E-03	4.28E-06	2.48E-06	5.88E-07	5.75E-08	6.46E-07	4.90E-03	1.70E-06	5.12E-06	5.66E-08	6.64E-07	7.20E-07	5.90E-05	2.96E-05
4357	487363.09, 3857377.25	2.48E-02	2.60E-05	1.50E-05	3.57E-06	3.49E-07	3.92E-06	3.48E-03	1.21E-06	3.64E-06	4.03E-08	4.72E-07	5.12E-07	6.13E-05	3.23E-05
4358	487863.09, 3857377.25	6.11E-03	6.38E-06	3.70E-06	8.78E-07	8.59E-08	9.64E-07	2.83E-03	9.81E-07	2.96E-06	3.28E-08	3.84E-07	4.17E-07	4.21E-05	2.13E-05
4359	488363.09, 3857377.25	3.66E-03	3.83E-06	2.22E-06	5.27E-07	5.15E-08	5.78E-07	2.39E-03	8.27E-07	2.50E-06	2.76E-08	3.24E-07	3.51E-07	2.55E-05	1.30E-05
4360	488863.09, 3857377.25	2.71E-03	2.83E-06	1.64E-06	3.89E-07	3.81E-08	4.27E-07	2.09E-03	7.22E-07	2.18E-06	2.41E-08	2.82E-07	3.06E-07	1.77E-05	9.07E-06
4361	489363.09, 3857377.25	2.20E-03	2.30E-06	1.33E-06	3.16E-07	3.09E-08	3.47E-07	1.85E-03	6.39E-07	1.93E-06	2.13E-08	2.50E-07	2.71E-07	1.45E-05	7.44E-06
4362	489863.09, 3857377.25	1.87E-03	1.95E-06	1.13E-06	2.69E-07	2.63E-08	2.95E-07	1.64E-03	5.68E-07	1.71E-06	1.90E-08	2.22E-07	2.41E-07	1.27E-05	6.51E-06
4363	490363.09, 3857377.25	1.64E-03	1.72E-06	9.94E-07	2.36E-07	2.31E-08	2.59E-07	1.48E-03	5.11E-07	1.54E-06	1.71E-08	2.00E-07	2.17E-07	1.14E-05	5.88E-06
4364	490863.09, 3857377.25	1.47E-03	1.53E-06	8.88E-07	2.11E-07	2.06E-08	2.32E-07	1.34E-03	4.64E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	1.05E-05	5.38E-06
4365	491363.09, 3857377.25	1.33E-03	1.39E-06	8.03E-07	1.91E-07	1.87E-08	2.09E-07	1.23E-03	4.26E-07	1.29E-06	1.42E-08	1.67E-07	1.81E-07	9.72E-06	4.99E-06
4366	491863.09, 3857377.25	1.19E-03	1.24E-06	7.17E-07	1.70E-07	1.67E-08	1.87E-07	1.09E-03	3.78E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	9.14E-06	4.68E-06
4367	492363.09, 3857377.25	9.63E-04	1.01E-06	5.83E-07	1.38E-07	1.35E-08	1.52E-07	8.68E-04	3.00E-07	9.07E-07	1.00E-08	1.18E-07	1.28E-07	8.25E-06	4.20E-06
4368	492863.09, 3857377.25	7.79E-04	8.14E-07	4.71E-07	1.12E-07	1.09E-08	1.23E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	6.73E-06	3.43E-06
4369	493363.09, 3857377.25	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	6.13E-04	2.12E-07	6.40E-07	7.08E-09	8.29E-08	9.00E-08	5.01E-06	2.56E-06
4370	493863.09, 3857377.25	5.89E-04	6.16E-07	3.57E-07	8.47E-08	8.29E-09	9.30E-08	5.67E-04	1.96E-07	5.93E-07	6.56E-09	7.68E-08	8.33E-08	4.29E-06	2.21E-06
4371	494363.09, 3857377.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.23E-04	1.81E-07	5.47E-07	6.05E-09	7.09E-08	7.69E-08	3.68E-06	1.90E-06
4372	494863.09, 3857377.25	5.14E-04	5.37E-07	3.11E-07	7.39E-08	7.23E-09	8.12E-08	5.00E-04	1.73E-07	5.22E-07	5.78E-09	6.77E-08	7.34E-08	3.36E-06	1.74E-06
4373	495363.09, 3857377.25	4.93E-04	5.15E-07	2.98E-07	7.09E-08	6.93E-09	7.78E-08	4.81E-04	1.66E-07	5.03E-07	5.56E-09	6.51E-08	7.07E-08	3.13E-06	1.62E-06
4374	495863.09, 3857377.25	4.86E-04	5.08E-07	2.94E-07	6.99E-08	6.84E-09	7.68E-08	4.73E-04	1.64E-07	4.94E-07	5.47E-09	6.41E-08	6.95E-08	3.02E-06	1.57E-06
4375	496363.09, 3857377.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	4.68E-04	1.62E-07	4.90E-07	5.41E-09	6.34E-08	6.88E-08	2.95E-06	1.53E-06
4376	496863.09, 3857377.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	4.67E-04	1.62E-07	4.88E-07	5.40E-09	6.32E-08	6.86E-08	2.91E-06	1.51E-06
4377	497363.09, 3857377.25	4.91E-04	5.14E-07	2.97E-07	7.07E-08	6.91E-09	7.76E-08	4.73E-04	1.64E-07	4.94E-07	5.47E-09	6.41E-08	6.95E-08	2.98E-06	1.54E-06
4378	497863.09, 3857377.25	5.09E-04	5.32E-07	3.08E-07	7.32E-08	7.16E-09	8.04E-08	4.87E-04	1.69E-07	5.09E-07	5.63E-09	6.60E-08	7.16E-08	3.11E-06	1.61E-06
4379	498363.09, 3857377.25	5.60E-04	5.85E-07	3.39E-07	8.05E-08	7.87E-09	8.84E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	3.50E-06	1.81E-06
4380	471363.09, 3857877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	7.58E-07	4.08E-07
4381	471863.09, 3857877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	7.88E-07	4.23E-07
4382	472363.09, 3857877.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	8.23E-07	4.41E-07
4383	472863.09, 3857877.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	8.64E-07	4.63E-07
4384	473363.09, 3857877.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	9.08E-07	4.85E-07
4385	473863.09, 3857877.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	9.57E-07	5.11E-07
4386	474363.09, 3857877.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	9.91E-07	5.26E-07
4387	474863.09, 3857877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	9.62E-07	5.08E-07
4388	475363.09, 3857877.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	7.81E-07	4.13E-07
4389	475863.09, 3857877.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	6.12E-07	3.26E-07
4390	476363.09, 3857877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	8.80E-07	4.63E-07
4391	476863.09, 3857877.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	1.01E-06	5.30E-07
4392	477363.09, 3857877.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	1.04E-06	5.46E-07
4393	477863.09, 3857877.25	2.02E-04	2.12E-07	1.22E-07	2.91E-08	2.85E-09	3.20E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	1.05E-06	5.51E-07
4394	478363.09, 3857877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	8.58E-07	4.53E-07
4395	478863.09, 3857877.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	8.48E-07	4.48E-07
4396	479363.09, 3857877.25	2.82E-04	2.95E-07	1.71E-07	4.06E-08	3.97E-09	4.46E-08	2.58E-04	8.95E-08	2.70E-07	2.99E-09	3.50E-08	3.80E-08	1.75E-06	9.07E-07
4397	479863.09, 3857877.25	3.53E-04	3.69E-07	2.13E-07	5.07E-08	4.96E-09	5.57E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	2.13E-06	1.10E-06
4398	480363.09, 3857877.25	3.84E-04	4.01E-07	2.32E-07	5.52E-08	5.39E-09	6.06E-08	3.73E-04	1.29E-07	3.90E-07	4.31E-09	5.05E-08	5.48E-08	2.28E-06	1.19E-06

4399	480863.09, 3857877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	2.48E-06	1.29E-06
4400	481363.09, 3857877.25	4.23E-04	4.42E-07	2.56E-07	6.08E-08	5.95E-09	6.67E-08	4.15E-04	1.44E-07	4.34E-07	4.80E-09	5.62E-08	6.10E-08	2.72E-06	1.41E-06
4401	481863.09, 3857877.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	2.93E-06	1.52E-06
4402	482363.09, 3857877.25	4.86E-04	5.08E-07	2.94E-07	6.99E-08	6.84E-09	7.68E-08	5.26E-04	1.82E-07	5.50E-07	6.08E-09	7.13E-08	7.74E-08	3.09E-06	1.60E-06
4403	482863.09, 3857877.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	5.92E-04	2.05E-07	6.19E-07	6.84E-09	8.02E-08	8.70E-08	3.24E-06	1.69E-06
4404	483363.09, 3857877.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	3.53E-06	1.84E-06
4405	483863.09, 3857877.25	5.83E-04	6.09E-07	3.53E-07	8.38E-08	8.19E-09	9.20E-08	7.25E-04	2.51E-07	7.58E-07	8.38E-09	9.82E-08	1.07E-07	3.89E-06	2.03E-06
4406	484363.09, 3857877.25	6.35E-04	6.64E-07	3.84E-07	9.13E-08	8.93E-09	1.00E-07	8.27E-04	2.86E-07	8.65E-07	9.56E-09	1.12E-07	1.22E-07	4.58E-06	2.38E-06
4407	484863.09, 3857877.25	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	1.01E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	5.71E-06	2.96E-06
4408	485363.09, 3857877.25	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	1.28E-03	4.44E-07	1.34E-06	1.48E-08	1.74E-07	1.89E-07	7.65E-06	3.94E-06
4409	485863.09, 3857877.25	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	1.79E-03	6.21E-07	1.87E-06	2.07E-08	2.43E-07	2.64E-07	1.76E-05	8.87E-06
4410	486363.09, 3857877.25	1.19E-03	1.25E-06	7.23E-07	1.72E-07	1.68E-08	1.89E-07	3.29E-03	1.14E-06	3.44E-06	3.81E-08	4.46E-07	4.84E-07	4.50E-05	2.24E-05
4411	486863.09, 3857877.25	1.72E-03	1.79E-06	1.04E-06	2.47E-07	2.41E-08	2.71E-07	2.66E-02	9.21E-06	2.78E-05	3.08E-07	3.60E-06	3.91E-06	5.79E-05	3.15E-05
4412	487363.09, 3857877.25	3.72E-03	3.89E-06	2.25E-06	5.35E-07	5.23E-08	5.87E-07	1.09E-02	3.76E-06	1.14E-05	1.26E-07	1.47E-06	1.60E-06	5.83E-05	3.00E-05
4413	487863.09, 3857877.25	2.96E-02	3.09E-05	1.79E-05	4.25E-06	4.16E-07	4.67E-06	5.29E-03	1.83E-06	5.53E-06	6.12E-08	7.16E-07	7.78E-07	6.11E-05	3.28E-05
4414	488363.09, 3857877.25	6.37E-03	6.66E-06	3.86E-06	9.16E-07	8.96E-08	1.01E-06	3.74E-03	1.30E-06	3.91E-06	4.33E-08	5.07E-07	5.50E-07	3.03E-05	1.57E-05
4415	488863.09, 3857877.25	3.79E-03	3.96E-06	2.29E-06	5.45E-07	5.33E-08	5.98E-07	2.95E-03	1.02E-06	3.09E-06	3.42E-08	4.00E-07	4.34E-07	2.14E-05	1.11E-05
4416	489363.09, 3857877.25	2.78E-03	2.91E-06	1.68E-06	4.00E-07	3.91E-08	4.39E-07	2.42E-03	8.38E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	2.11E-05	1.08E-05
4417	489863.09, 3857877.25	2.22E-03	2.33E-06	1.35E-06	3.20E-07	3.13E-08	3.51E-07	2.05E-03	7.10E-07	2.14E-06	2.37E-08	2.78E-07	3.01E-07	2.07E-05	1.05E-05
4418	490363.09, 3857877.25	1.89E-03	1.98E-06	1.14E-06	2.72E-07	2.66E-08	2.99E-07	1.81E-03	6.25E-07	1.89E-06	2.09E-08	2.45E-07	2.65E-07	1.46E-05	7.46E-06
4419	490863.09, 3857877.25	1.66E-03	1.74E-06	1.01E-06	2.39E-07	2.34E-08	2.63E-07	1.62E-03	5.59E-07	1.69E-06	1.87E-08	2.19E-07	2.37E-07	1.17E-05	6.03E-06
4420	491363.09, 3857877.25	1.44E-03	1.50E-06	8.70E-07	2.07E-07	2.02E-08	2.27E-07	1.39E-03	4.81E-07	1.45E-06	1.61E-08	1.88E-07	2.04E-07	1.10E-05	5.65E-06
4421	491863.09, 3857877.25	1.23E-03	1.28E-06	7.43E-07	1.77E-07	1.73E-08	1.94E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	9.67E-06	4.95E-06
4422	492363.09, 3857877.25	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.15E-04	3.17E-07	9.56E-07	1.06E-08	1.24E-07	1.34E-07	8.35E-06	4.25E-06
4423	492863.09, 3857877.25	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	6.31E-06	3.23E-06
4424	493363.09, 3857877.25	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	5.28E-06	2.70E-06
4425	493863.09, 3857877.25	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	6.31E-04	2.19E-07	6.60E-07	7.30E-09	8.55E-08	9.28E-08	4.72E-06	2.43E-06
4426	494363.09, 3857877.25	6.19E-04	6.47E-07	3.74E-07	8.90E-08	8.70E-09	9.77E-08	6.02E-04	2.08E-07	6.29E-07	6.95E-09	8.15E-08	8.84E-08	4.32E-06	2.22E-06
4427	494863.09, 3857877.25	5.75E-04	6.01E-07	3.48E-07	8.26E-08	8.08E-09	9.07E-08	5.62E-04	1.95E-07	5.88E-07	6.50E-09	7.62E-08	8.27E-08	3.77E-06	1.95E-06
4428	495363.09, 3857877.25	5.57E-04	5.82E-07	3.37E-07	8.00E-08	7.83E-09	8.79E-08	5.44E-04	1.88E-07	5.68E-07	6.28E-09	7.36E-08	7.99E-08	3.54E-06	1.83E-06
4429	495863.09, 3857877.25	5.40E-04	5.65E-07	3.27E-07	7.77E-08	7.60E-09	8.53E-08	5.28E-04	1.83E-07	5.52E-07	6.10E-09	7.15E-08	7.76E-08	3.35E-06	1.74E-06
4430	496363.09, 3857877.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.23E-04	1.81E-07	5.47E-07	6.05E-09	7.09E-08	7.69E-08	3.31E-06	1.72E-06
4431	496863.09, 3857877.25	5.39E-04	5.63E-07	3.26E-07	7.75E-08	7.57E-09	8.50E-08	5.22E-04	1.81E-07	5.45E-07	6.03E-09	7.06E-08	7.67E-08	3.39E-06	1.76E-06
4432	497363.09, 3857877.25	5.35E-04	5.60E-07	3.24E-07	7.70E-08	7.53E-09	8.45E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	3.43E-06	1.78E-06
4433	497863.09, 3857877.25	5.68E-04	5.94E-07	3.44E-07	8.17E-08	7.99E-09	8.97E-08	5.42E-04	1.88E-07	5.67E-07	6.27E-09	7.34E-08	7.97E-08	3.46E-06	1.80E-06
4434	498363.09, 3857877.25	5.99E-04	6.26E-07	3.62E-07	8.61E-08	8.42E-09	9.46E-08	5.67E-04	1.96E-07	5.93E-07	6.56E-09	7.68E-08	8.33E-08	3.64E-06	1.89E-06
4435	471363.09, 3858377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	7.53E-07	4.05E-07
4436	471863.09, 3858377.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	7.79E-07	4.18E-07
4437	472363.09, 3858377.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.14E-07	4.36E-07
4438	472863.09, 3858377.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	8.50E-07	4.54E-07
4439	473363.09, 3858377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	9.00E-07	4.81E-07
4440	473863.09, 3858377.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	9.38E-07	4.99E-07
4441	474363.09, 3858377.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	9.58E-07	5.07E-07
4442	474863.09, 3858377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	9.48E-07	4.99E-07
4443	475363.09, 3858377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	8.43E-07	4.44E-07
4444	475863.09, 3858377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	7.47E-07	3.95E-07
4445	476363.09, 3858377.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	7.99E-07	4.21E-07
4446	476863.09, 3858377.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	8.56E-07	4.50E-07
4447	477363.09, 3858377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	8.65E-07	4.55E-07
4448	477863.09, 3858377.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	1.03E-06	5.38E-07
4449	478363.09, 3858377.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	1.10E-06	5.76E-07
4450	478863.09, 3858377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	9.38E-07	4.93E-07
4451	479363.09, 3858377.25	2.69E-04	2.82E-07	1.63E-07	3.87E-08	3.79E-09	4.25E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.66E-06	8.58E-07
4452	479863.09, 3858377.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	1.93E-06	1.00E-06
4453	480363.09, 3858377.25	3.66E-04	3.82E-07	2.21E-07	5.26E-08	5.14E-09	5.77E-08	3.60E-04	1.25E-07	3.77E-07	4.16E-09	4.88E-08	5.30E-08	2.04E-06	1.07E-06
4454	480863.09, 3858377.25	3.85E-04	4.03E-07	2.33E-07	5.54E-08	5.42E-09	6.08E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	2.21E-06	1.15E-06
4455	481363.09, 3858377.25	4.06E-04	4.25E-07	2.46E-07	5.84E-08	5.72E-09	6.42E-08	4.04E-04	1.40E-07	4.22E-07	4.67E-09	5.47E-08	5.94E-08	2.37E-06	1.23E-06
4456	481863.09, 3858377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	4.21E-04	1.46E-07	4.40E-07	4.87E-09	5.71E-08	6.19E-08	2.55E-06	1.32E-06
4457	482363.09, 3858377.25	4.51E-04	4.71E-07	2.73E-07	6.48E-08	6.34E-09	7.11E-08	4.57E-04	1.58E-07	4.78E-07	5.29E-09	6.19E-08	6.72E-08	2.72E-06	1.42E-06
4458	482863.09, 3858377.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	5.19E-04	1.79E-07	5.42E-07	5.99E-09	7.02E-08	7.62E-08	2.83E-06	1.48E-06
4459	483363.09, 3858377.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	5.75E-04	1.99E-07	6.01E-07	6.65E-09	7.79E-08	8.45E-08	2.93E-06	1.53E-06
4460	483863.09, 3858377.25	5.29E-04	5.53E-07	3.20E-07	7.60E-08	7.44E-09	8.35E-08	6.25E-04	2.16E-07	6.53E-07	7.23E-09	8.46E-08	9.19E-08	3.17E-06	1.66E-06

4461	484363.09, 3858377.25	5.73E-04	5.99E-07	3.47E-07	8.24E-08	8.06E-09	9.04E-08	6.92E-04	2.40E-07	7.24E-07	8.00E-09	9.38E-08	1.02E-07	3.61E-06	1.88E-06
4462	484863.09, 3858377.25	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	7.94E-04	2.75E-07	8.30E-07	9.18E-09	1.08E-07	1.17E-07	4.42E-06	2.30E-06
4463	485363.09, 3858377.25	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	9.45E-04	3.27E-07	9.87E-07	1.09E-08	1.28E-07	1.39E-07	5.63E-06	2.91E-06
4464	485863.09, 3858377.25	8.16E-04	8.53E-07	4.94E-07	1.17E-07	1.15E-08	1.29E-07	1.15E-03	4.00E-07	1.21E-06	1.33E-08	1.56E-07	1.70E-07	7.93E-06	4.06E-06
4465	486363.09, 3858377.25	9.63E-04	1.01E-06	5.83E-07	1.38E-07	1.35E-08	1.52E-07	1.49E-03	5.15E-07	1.56E-06	1.72E-08	2.02E-07	2.19E-07	2.01E-05	1.01E-05
4466	486863.09, 3858377.25	1.20E-03	1.26E-06	7.28E-07	1.73E-07	1.69E-08	1.90E-07	2.15E-03	7.43E-07	2.24E-06	2.48E-08	2.91E-07	3.15E-07	4.68E-05	2.31E-05
4467	487363.09, 3858377.25	1.72E-03	1.79E-06	1.04E-06	2.47E-07	2.41E-08	2.71E-07	4.25E-03	1.47E-06	4.44E-06	4.91E-08	5.75E-07	6.24E-07	5.39E-05	2.69E-05
4468	487863.09, 3858377.25	3.56E-03	3.72E-06	2.16E-06	5.12E-07	5.01E-08	5.63E-07	7.22E-02	2.50E-05	7.55E-05	8.35E-07	9.78E-06	1.06E-05	7.27E-05	4.43E-05
4469	488363.09, 3858377.25	3.87E-02	4.05E-05	2.34E-05	5.57E-06	5.44E-07	6.11E-06	9.91E-03	3.43E-06	1.04E-05	1.15E-07	1.34E-06	1.46E-06	6.34E-05	3.52E-05
4470	488863.09, 3858377.25	6.88E-03	7.19E-06	4.16E-06	9.89E-07	9.67E-08	1.09E-06	5.31E-03	1.84E-06	5.55E-06	6.14E-08	7.19E-07	7.81E-07	3.13E-05	1.64E-05
4471	489363.09, 3858377.25	3.98E-03	4.16E-06	2.41E-06	5.72E-07	5.60E-08	6.28E-07	3.68E-03	1.27E-06	3.85E-06	4.26E-08	4.99E-07	5.41E-07	2.10E-05	1.10E-05
4472	489863.09, 3858377.25	2.92E-03	3.05E-06	1.77E-06	4.20E-07	4.10E-08	4.61E-07	2.86E-03	9.89E-07	2.99E-06	3.30E-08	3.87E-07	4.20E-07	1.65E-05	8.61E-06
4473	490363.09, 3858377.25	2.35E-03	2.46E-06	1.42E-06	3.38E-07	3.31E-08	3.71E-07	2.35E-03	8.14E-07	2.46E-06	2.72E-08	3.19E-07	3.46E-07	1.39E-05	7.22E-06
4474	490863.09, 3858377.25	1.99E-03	2.08E-06	1.20E-06	2.86E-07	2.80E-08	3.14E-07	2.01E-03	6.95E-07	2.10E-06	2.32E-08	2.72E-07	2.95E-07	1.20E-05	6.25E-06
4475	491363.09, 3858377.25	1.64E-03	1.71E-06	9.91E-07	2.35E-07	2.30E-08	2.58E-07	1.64E-03	5.68E-07	1.72E-06	1.90E-08	2.22E-07	2.41E-07	1.07E-05	5.55E-06
4476	491863.09, 3858377.25	1.26E-03	1.32E-06	7.61E-07	1.81E-07	1.77E-08	1.99E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	9.83E-06	5.04E-06
4477	492363.09, 3858377.25	9.76E-04	1.02E-06	5.91E-07	1.40E-07	1.37E-08	1.54E-07	9.59E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	7.71E-06	3.95E-06
4478	492863.09, 3858377.25	9.68E-04	1.01E-06	5.86E-07	1.39E-07	1.36E-08	1.53E-07	9.40E-04	3.25E-07	9.82E-07	1.09E-08	1.27E-07	1.38E-07	7.52E-06	3.85E-06
4479	493363.09, 3858377.25	8.67E-04	9.06E-07	5.24E-07	1.25E-07	1.22E-08	1.37E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	6.46E-06	3.32E-06
4480	493863.09, 3858377.25	7.98E-04	8.34E-07	4.83E-07	1.15E-07	1.12E-08	1.26E-07	7.75E-04	2.68E-07	8.10E-07	8.96E-09	1.05E-07	1.14E-07	5.77E-06	2.97E-06
4481	494363.09, 3858377.25	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	5.09E-06	2.62E-06
4482	494863.09, 3858377.25	6.87E-04	7.18E-07	4.16E-07	9.88E-08	9.66E-09	1.08E-07	6.67E-04	2.31E-07	6.98E-07	7.71E-09	9.04E-08	9.81E-08	4.54E-06	2.34E-06
4483	495363.09, 3858377.25	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	6.20E-04	2.15E-07	6.48E-07	7.17E-09	8.40E-08	9.12E-08	4.00E-06	2.07E-06
4484	495863.09, 3858377.25	6.22E-04	6.50E-07	3.76E-07	8.94E-08	8.75E-09	9.82E-08	6.03E-04	2.09E-07	6.30E-07	6.97E-09	8.17E-08	8.86E-08	3.84E-06	1.99E-06
4485	496363.09, 3858377.25	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	5.86E-04	2.03E-07	6.12E-07	6.77E-09	7.93E-08	8.61E-08	3.78E-06	1.96E-06
4486	496863.09, 3858377.25	6.12E-04	6.40E-07	3.70E-07	8.80E-08	8.61E-09	9.66E-08	5.89E-04	2.04E-07	6.16E-07	6.81E-09	7.98E-08	8.66E-08	3.73E-06	1.93E-06
4487	497363.09, 3858377.25	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	5.83E-04	2.02E-07	6.09E-07	6.74E-09	7.89E-08	8.57E-08	3.59E-06	1.87E-06
4488	497863.09, 3858377.25	6.35E-04	6.64E-07	3.84E-07	9.13E-08	8.93E-09	1.00E-07	6.06E-04	2.10E-07	6.34E-07	7.01E-09	8.21E-08	8.91E-08	3.70E-06	1.93E-06
4489	498363.09, 3858377.25	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.41E-04	2.22E-07	6.70E-07	7.41E-09	8.68E-08	9.42E-08	3.78E-06	1.97E-06
4490	471363.09, 3858877.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.43E-07	3.99E-07
4491	471863.09, 3858877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	7.69E-07	4.12E-07
4492	472363.09, 3858877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	8.05E-07	4.31E-07
4493	472863.09, 3858877.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	8.41E-07	4.49E-07
4494	473363.09, 3858877.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	8.73E-07	4.67E-07
4495	473863.09, 3858877.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	9.20E-07	4.90E-07
4496	474363.09, 3858877.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	9.40E-07	4.98E-07
4497	474863.09, 3858877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	7.97E-07	4.20E-07
4498	475363.09, 3858877.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	7.10E-07	3.75E-07
4499	475863.09, 3858877.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	7.71E-07	4.06E-07
4500	476363.09, 3858877.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	6.56E-07	3.47E-07
4501	476863.09, 3858877.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	7.32E-07	3.86E-07
4502	477363.09, 3858877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	7.67E-07	4.04E-07
4503	477863.09, 3858877.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	8.67E-07	4.55E-07
4504	478363.09, 3858877.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	1.25E-06	6.51E-07
4505	478863.09, 3858877.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	1.20E-06	6.25E-07
4506	479363.09, 3858877.25	2.02E-04	2.12E-07	1.22E-07	2.91E-08	2.85E-09	3.20E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	1.10E-06	5.75E-07
4507	479863.09, 3858877.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	1.74E-06	9.07E-07
4508	480363.09, 3858877.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.32E-04	1.15E-07	3.47E-07	3.84E-09	4.50E-08	4.88E-08	1.84E-06	9.60E-07
4509	480863.09, 3858877.25	3.53E-04	3.69E-07	2.13E-07	5.07E-08	4.96E-09	5.57E-08	3.54E-04	1.23E-07	3.70E-07	4.09E-09	4.79E-08	5.20E-08	1.95E-06	1.02E-06
4510	481363.09, 3858877.25	3.71E-04	3.87E-07	2.24E-07	5.33E-08	5.21E-09	5.85E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	2.07E-06	1.08E-06
4511	481863.09, 3858877.25	3.93E-04	4.11E-07	2.38E-07	5.66E-08	5.53E-09	6.21E-08	3.96E-04	1.37E-07	4.14E-07	4.58E-09	5.37E-08	5.83E-08	2.20E-06	1.15E-06
4512	482363.09, 3858877.25	4.16E-04	4.35E-07	2.52E-07	5.99E-08	5.85E-09	6.57E-08	4.23E-04	1.46E-07	4.42E-07	4.89E-09	5.73E-08	6.22E-08	2.36E-06	1.23E-06
4513	482863.09, 3858877.25	4.44E-04	4.64E-07	2.69E-07	6.38E-08	6.24E-09	7.01E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	2.51E-06	1.31E-06
4514	483363.09, 3858877.25	4.78E-04	5.00E-07	2.89E-07	6.88E-08	6.73E-09	7.55E-08	5.29E-04	1.83E-07	5.53E-07	6.12E-09	7.17E-08	7.78E-08	2.50E-06	1.32E-06
4515	483863.09, 3858877.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	5.66E-04	1.96E-07	5.91E-07	6.54E-09	7.66E-08	8.31E-08	2.70E-06	1.42E-06
4516	484363.09, 3858877.25	5.32E-04	5.56E-07	3.22E-07	7.65E-08	7.48E-09	8.40E-08	6.08E-04	2.10E-07	6.35E-07	7.03E-09	8.23E-08	8.93E-08	3.01E-06	1.58E-06
4517	484863.09, 3858877.25	5.70E-04	5.95E-07	3.45E-07	8.19E-08	8.01E-09	8.99E-08	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	3.58E-06	1.87E-06
4518	485363.09, 3858877.25	6.25E-04	6.53E-07	3.78E-07	8.99E-08	8.79E-09	9.87E-08	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	4.51E-06	2.34E-06
4519	485863.09, 3858877.25	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	8.66E-04	3.00E-07	9.05E-07	1.00E-08	1.17E-07	1.27E-07	6.15E-06	3.15E-06
4520	486363.09, 3858877.25	8.03E-04	8.39E-07	4.86E-07	1.15E-07	1.13E-08	1.27E-07	1.02E-03	3.52E-07	1.06E-06	1.18E-08	1.38E-07	1.49E-07	1.13E-05	5.69E-06
4521	486863.09, 3858877.25	9.55E-04	9.98E-07	5.78E-07	1.37E-07	1.34E-08	1.51E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.68E-07	1.82E-07	4.20E-05	2.07E-05
4522	487363.09, 3858877.25	1.22E-03	1.27E-06	7.37E-07	1.75E-07	1.71E-08	1.92E-07	1.62E-03	5.62E-07	1.70E-06	1.88E-08	2.20E-07	2.39E-07	5.04E-05	2.48E-05

4523	487863.09, 3858877.25	1.71E-03	1.78E-06	1.03E-06	2.46E-07	2.40E-08	2.70E-07	2.40E-03	8.30E-07	2.51E-06	2.77E-08	3.25E-07	3.53E-07	5.45E-05	2.70E-05
4524	488363.09, 3858877.25	3.33E-03	3.48E-06	2.01E-06	4.79E-07	4.68E-08	5.25E-07	5.39E-03	1.87E-06	5.63E-06	6.23E-08	7.30E-07	7.92E-07	5.64E-05	2.83E-05
4525	488863.09, 3858877.25	5.64E-02	5.89E-05	3.41E-05	8.11E-06	7.93E-07	8.90E-06	3.71E-02	1.29E-05	3.88E-05	4.29E-07	5.03E-06	5.46E-06	6.54E-05	4.09E-05
4526	489363.09, 3858877.25	9.03E-03	9.44E-06	5.46E-06	1.30E-06	1.27E-07	1.43E-06	8.54E-03	2.96E-06	8.92E-06	9.87E-08	1.16E-06	1.25E-06	2.62E-05	1.45E-05
4527	489863.09, 3858877.25	4.91E-03	5.13E-06	2.97E-06	7.06E-07	6.91E-08	7.75E-07	4.94E-03	1.71E-06	5.16E-06	5.71E-08	6.69E-07	7.26E-07	1.81E-05	9.79E-06
4528	490363.09, 3858877.25	3.39E-03	3.54E-06	2.05E-06	4.87E-07	4.77E-08	5.35E-07	3.43E-03	1.19E-06	3.59E-06	3.97E-08	4.65E-07	5.04E-07	1.44E-05	7.70E-06
4529	490863.09, 3858877.25	2.41E-03	2.52E-06	1.46E-06	3.47E-07	3.39E-08	3.81E-07	2.43E-03	8.42E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	1.24E-05	6.51E-06
4530	491363.09, 3858877.25	1.74E-03	1.82E-06	1.05E-06	2.50E-07	2.45E-08	2.75E-07	1.73E-03	6.00E-07	1.81E-06	2.00E-08	2.35E-07	2.55E-07	1.11E-05	5.77E-06
4531	491863.09, 3858877.25	1.33E-03	1.39E-06	8.04E-07	1.91E-07	1.87E-08	2.10E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	9.35E-06	4.82E-06
4532	492363.09, 3858877.25	1.30E-03	1.36E-06	7.87E-07	1.87E-07	1.83E-08	2.05E-07	1.29E-03	4.46E-07	1.35E-06	1.49E-08	1.74E-07	1.89E-07	8.72E-06	4.50E-06
4533	492863.09, 3858877.25	1.32E-03	1.38E-06	7.99E-07	1.90E-07	1.86E-08	2.08E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	8.00E-06	4.16E-06
4534	493363.09, 3858877.25	1.18E-03	1.23E-06	7.11E-07	1.69E-07	1.65E-08	1.86E-07	1.15E-03	3.99E-07	1.21E-06	1.33E-08	1.56E-07	1.69E-07	7.27E-06	3.77E-06
4535	493863.09, 3858877.25	1.01E-03	1.06E-06	6.11E-07	1.45E-07	1.42E-08	1.59E-07	9.82E-04	3.40E-07	1.03E-06	1.14E-08	1.33E-07	1.44E-07	6.43E-06	3.33E-06
4536	494363.09, 3858877.25	9.26E-04	9.67E-07	5.60E-07	1.33E-07	1.30E-08	1.46E-07	8.96E-04	3.10E-07	9.37E-07	1.04E-08	1.21E-07	1.32E-07	5.85E-06	3.03E-06
4537	494863.09, 3858877.25	8.44E-04	8.82E-07	5.11E-07	1.21E-07	1.19E-08	1.33E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	5.26E-06	2.73E-06
4538	495363.09, 3858877.25	7.75E-04	8.10E-07	4.69E-07	1.11E-07	1.09E-08	1.22E-07	7.49E-04	2.59E-07	7.83E-07	8.66E-09	1.01E-07	1.10E-07	4.73E-06	2.45E-06
4539	495863.09, 3858877.25	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	7.08E-04	2.45E-07	7.40E-07	8.18E-09	9.59E-08	1.04E-07	4.52E-06	2.35E-06
4540	496363.09, 3858877.25	7.15E-04	7.47E-07	4.33E-07	1.03E-07	1.01E-08	1.13E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.20E-06	2.18E-06
4541	496863.09, 3858877.25	6.97E-04	7.28E-07	4.22E-07	1.00E-07	9.80E-09	1.10E-07	6.69E-04	2.32E-07	6.99E-07	7.73E-09	9.06E-08	9.83E-08	3.96E-06	2.06E-06
4542	497363.09, 3858877.25	6.82E-04	7.13E-07	4.13E-07	9.81E-08	9.59E-09	1.08E-07	6.53E-04	2.26E-07	6.83E-07	7.55E-09	8.85E-08	9.60E-08	3.76E-06	1.96E-06
4543	497863.09, 3858877.25	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	3.77E-06	1.98E-06
4544	498363.09, 3858877.25	7.48E-04	7.81E-07	4.52E-07	1.08E-07	1.05E-08	1.18E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	3.70E-06	1.94E-06
4545	471363.09, 3859377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	7.33E-07	3.93E-07
4546	471863.09, 3859377.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.60E-07	4.07E-07
4547	472363.09, 3859377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	7.91E-07	4.23E-07
4548	472863.09, 3859377.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.19E-07	4.38E-07
4549	473363.09, 3859377.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	8.51E-07	4.55E-07
4550	473863.09, 3859377.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	8.90E-07	4.74E-07
4551	474363.09, 3859377.25	2.02E-04	2.12E-07	1.22E-07	2.91E-08	2.85E-09	3.20E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	9.11E-07	4.83E-07
4552	474863.09, 3859377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	8.94E-07	4.70E-07
4553	475363.09, 3859377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	7.97E-07	4.19E-07
4554	475863.09, 3859377.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	6.70E-07	3.54E-07
4555	476363.09, 3859377.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.35E-04	4.66E-08	1.41E-07	1.56E-09	1.82E-08	1.98E-08	6.52E-07	3.45E-07
4556	476863.09, 3859377.25	1.34E-04	1.40E-07	8.10E-08	1.92E-08	1.88E-09	2.11E-08	1.30E-04	4.50E-08	1.36E-07	1.50E-09	1.76E-08	1.91E-08	6.09E-07	3.23E-07
4557	477363.09, 3859377.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.35E-04	4.66E-08	1.41E-07	1.56E-09	1.82E-08	1.98E-08	6.49E-07	3.43E-07
4558	477863.09, 3859377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	8.79E-07	4.60E-07
4559	478363.09, 3859377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	1.14E-06	5.90E-07
4560	478863.09, 3859377.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	1.36E-06	7.08E-07
4561	479363.09, 3859377.25	2.61E-04	2.73E-07	1.58E-07	3.76E-08	3.67E-09	4.12E-08	2.44E-04	8.46E-08	2.55E-07	2.82E-09	3.31E-08	3.59E-08	1.50E-06	7.81E-07
4562	479863.09, 3859377.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	1.60E-06	8.35E-07
4563	480363.09, 3859377.25	3.09E-04	3.22E-07	1.87E-07	4.44E-08	4.34E-09	4.87E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	1.67E-06	8.75E-07
4564	480863.09, 3859377.25	3.26E-04	3.41E-07	1.98E-07	4.69E-08	4.59E-09	5.15E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	1.74E-06	9.15E-07
4565	481363.09, 3859377.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	1.82E-06	9.57E-07
4566	481863.09, 3859377.25	3.59E-04	3.75E-07	2.17E-07	5.16E-08	5.05E-09	5.67E-08	3.67E-04	1.27E-07	3.83E-07	4.24E-09	4.96E-08	5.39E-08	1.92E-06	1.01E-06
4567	482363.09, 3859377.25	3.79E-04	3.96E-07	2.29E-07	5.45E-08	5.33E-09	5.98E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	2.05E-06	1.08E-06
4568	482863.09, 3859377.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	4.14E-04	1.43E-07	4.32E-07	4.78E-09	5.60E-08	6.08E-08	2.16E-06	1.13E-06
4569	483363.09, 3859377.25	4.28E-04	4.47E-07	2.59E-07	6.15E-08	6.01E-09	6.75E-08	4.59E-04	1.59E-07	4.80E-07	5.31E-09	6.22E-08	6.75E-08	2.23E-06	1.18E-06
4570	483863.09, 3859377.25	4.54E-04	4.74E-07	2.75E-07	6.53E-08	6.38E-09	7.16E-08	4.97E-04	1.72E-07	5.19E-07	5.74E-09	6.72E-08	7.30E-08	2.33E-06	1.23E-06
4571	484363.09, 3859377.25	4.90E-04	5.12E-07	2.96E-07	7.04E-08	6.89E-09	7.73E-08	5.37E-04	1.86E-07	5.62E-07	6.21E-09	7.28E-08	7.90E-08	2.58E-06	1.36E-06
4572	484863.09, 3859377.25	5.29E-04	5.53E-07	3.20E-07	7.60E-08	7.44E-09	8.35E-08	5.84E-04	2.02E-07	6.11E-07	6.75E-09	7.91E-08	8.59E-08	2.96E-06	1.56E-06
4573	485363.09, 3859377.25	5.78E-04	6.04E-07	3.50E-07	8.31E-08	8.13E-09	9.12E-08	6.44E-04	2.23E-07	6.73E-07	7.44E-09	8.72E-08	9.46E-08	3.60E-06	1.88E-06
4574	485863.09, 3859377.25	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	7.16E-04	2.48E-07	7.48E-07	8.28E-09	9.69E-08	1.05E-07	4.59E-06	2.37E-06
4575	486363.09, 3859377.25	6.99E-04	7.30E-07	4.23E-07	1.00E-07	9.82E-09	1.10E-07	7.97E-04	2.76E-07	8.33E-07	9.22E-09	1.08E-07	1.17E-07	6.47E-06	3.30E-06
4576	486863.09, 3859377.25	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	9.02E-04	3.12E-07	9.43E-07	1.04E-08	1.22E-07	1.33E-07	1.65E-05	8.22E-06
4577	487363.09, 3859377.25	9.19E-04	9.61E-07	5.56E-07	1.32E-07	1.29E-08	1.45E-07	1.05E-03	3.63E-07	1.10E-06	1.21E-08	1.42E-07	1.54E-07	4.21E-05	2.07E-05
4578	487863.09, 3859377.25	1.15E-03	1.20E-06	6.93E-07	1.65E-07	1.61E-08	1.81E-07	1.29E-03	4.45E-07	1.34E-06	1.49E-08	1.74E-07	1.89E-07	4.87E-05	2.39E-05
4579	488363.09, 3859377.25	1.55E-03	1.62E-06	9.36E-07	2.23E-07	2.18E-08	2.44E-07	1.71E-03	5.91E-07	1.78E-06	1.97E-08	2.31E-07	2.51E-07	5.18E-05	2.55E-05
4580	488863.09, 3859377.25	2.51E-03	2.63E-06	1.52E-06	3.61E-07	3.53E-08	3.97E-07	2.66E-03	9.22E-07	2.79E-06	3.08E-08	3.61E-07	3.92E-07	3.72E-05	1.86E-05
4581	489363.09, 3859377.25	7.07E-03	7.39E-06	4.28E-06	1.02E-06	9.94E-08	1.12E-06	7.19E-03	2.49E-06	7.52E-06	8.31E-08	9.74E-07	1.06E-06	2.34E-05	1.28E-05
4582	489863.09, 3859377.25	2.47E-02	2.58E-05	1.49E-05	3.55E-06	3.47E-07	3.90E-06	2.33E-02	8.07E-06	2.44E-05	2.69E-07	3.16E-06	3.43E-06	4.53E-05	2.68E-05
4583	490363.09, 3859377.25	7.66E-03	8.00E-06	4.63E-06	1.10E-06	1.08E-07	1.21E-06	7.45E-03	2.58E-06	7.79E-06	8.61E-08	1.01E-06	1.10E-06	1.94E-05	1.10E-05
4584	490863.09, 3859377.25	4.16E-03	4.35E-06	2.52E-06	5.99E-07	5.86E-08	6.57E-07	4.08E-03	1.41E-06	4.27E-06	4.72E-08	5.53E-07	6.00E-07	1.41E-05	7.68E-06

4585	491363.09, 3859377.25	2.48E-03	2.59E-06	1.50E-06	3.57E-07	3.49E-08	3.92E-07	2.42E-03	8.38E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	1.18E-05	6.26E-06
4586	491863.09, 3859377.25	2.32E-03	2.43E-06	1.41E-06	3.34E-07	3.27E-08	3.67E-07	2.28E-03	7.89E-07	2.38E-06	2.63E-08	3.09E-07	3.35E-07	9.83E-06	5.24E-06
4587	492363.09, 3859377.25	1.98E-03	2.06E-06	1.20E-06	2.84E-07	2.78E-08	3.12E-07	1.94E-03	6.72E-07	2.03E-06	2.25E-08	2.63E-07	2.86E-07	8.62E-06	4.59E-06
4588	492863.09, 3859377.25	1.76E-03	1.84E-06	1.07E-06	2.53E-07	2.48E-08	2.78E-07	1.74E-03	6.01E-07	1.82E-06	2.01E-08	2.35E-07	2.55E-07	7.68E-06	4.09E-06
4589	493363.09, 3859377.25	1.48E-03	1.55E-06	8.96E-07	2.13E-07	2.08E-08	2.34E-07	1.46E-03	5.05E-07	1.53E-06	1.69E-08	1.98E-07	2.15E-07	6.99E-06	3.70E-06
4590	493863.09, 3859377.25	1.34E-03	1.40E-06	8.12E-07	1.93E-07	1.89E-08	2.12E-07	1.32E-03	4.58E-07	1.38E-06	1.53E-08	1.79E-07	1.94E-07	6.36E-06	3.36E-06
4591	494363.09, 3859377.25	1.20E-03	1.26E-06	7.29E-07	1.73E-07	1.69E-08	1.90E-07	1.18E-03	4.09E-07	1.23E-06	1.37E-08	1.60E-07	1.74E-07	5.86E-06	3.09E-06
4592	494863.09, 3859377.25	1.04E-03	1.09E-06	6.29E-07	1.50E-07	1.46E-08	1.64E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	5.98E-06	3.11E-06
4593	495363.09, 3859377.25	9.70E-04	1.01E-06	5.87E-07	1.39E-07	1.36E-08	1.53E-07	9.38E-04	3.25E-07	9.81E-07	1.08E-08	1.27E-07	1.38E-07	4.95E-06	2.60E-06
4594	495863.09, 3859377.25	8.93E-04	9.33E-07	5.40E-07	1.28E-07	1.26E-08	1.41E-07	8.62E-04	2.98E-07	9.01E-07	9.96E-09	1.17E-07	1.27E-07	4.53E-06	2.38E-06
4595	496363.09, 3859377.25	8.60E-04	8.99E-07	5.20E-07	1.24E-07	1.21E-08	1.36E-07	8.30E-04	2.87E-07	8.68E-07	9.60E-09	1.12E-07	1.22E-07	4.24E-06	2.23E-06
4596	496863.09, 3859377.25	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	3.89E-06	2.05E-06
4597	497363.09, 3859377.25	7.93E-04	8.29E-07	4.80E-07	1.14E-07	1.12E-08	1.25E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	3.73E-06	1.97E-06
4598	497863.09, 3859377.25	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	7.94E-04	2.75E-07	8.30E-07	9.18E-09	1.08E-07	1.17E-07	3.61E-06	1.92E-06
4599	498363.09, 3859377.25	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	3.46E-06	1.85E-06
4600	471363.09, 3859877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	7.16E-07	3.84E-07
4601	471863.09, 3859877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	7.43E-07	3.98E-07
4602	472363.09, 3859877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.70E-07	4.12E-07
4603	472863.09, 3859877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.88E-04	6.51E-08	1.96E-07	2.17E-09	2.55E-08	2.76E-08	7.94E-07	4.24E-07
4604	473363.09, 3859877.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.21E-07	4.39E-07
4605	473863.09, 3859877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	8.57E-07	4.57E-07
4606	474363.09, 3859877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	8.96E-07	4.75E-07
4607	474863.09, 3859877.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	9.03E-07	4.76E-07
4608	475363.09, 3859877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	8.33E-07	4.37E-07
4609	475863.09, 3859877.25	1.39E-04	1.45E-07	8.39E-08	2.00E-08	1.95E-09	2.19E-08	1.32E-04	4.56E-08	1.38E-07	1.52E-09	1.78E-08	1.93E-08	6.39E-07	3.38E-07
4610	476363.09, 3859877.25	1.22E-04	1.28E-07	7.41E-08	1.76E-08	1.72E-09	1.93E-08	1.17E-04	4.07E-08	1.23E-07	1.36E-09	1.59E-08	1.73E-08	5.30E-07	2.82E-07
4611	476863.09, 3859877.25	1.29E-04	1.35E-07	7.80E-08	1.85E-08	1.81E-09	2.04E-08	1.24E-04	4.28E-08	1.29E-07	1.43E-09	1.68E-08	1.82E-08	5.66E-07	3.01E-07
4612	477363.09, 3859877.25	1.34E-04	1.40E-07	8.10E-08	1.92E-08	1.88E-09	2.11E-08	1.28E-04	4.45E-08	1.34E-07	1.48E-09	1.74E-08	1.89E-08	5.93E-07	3.15E-07
4613	477863.09, 3859877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	8.01E-07	4.20E-07
4614	478363.09, 3859877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	1.08E-06	5.60E-07
4615	478863.09, 3859877.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	1.28E-06	6.63E-07
4616	479363.09, 3859877.25	2.53E-04	2.64E-07	1.53E-07	3.64E-08	3.56E-09	3.99E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	1.41E-06	7.35E-07
4617	479863.09, 3859877.25	2.76E-04	2.88E-07	1.67E-07	3.97E-08	3.88E-09	4.35E-08	2.69E-04	9.33E-08	2.82E-07	3.11E-09	3.65E-08	3.96E-08	1.47E-06	7.71E-07
4618	480363.09, 3859877.25	2.95E-04	3.09E-07	1.79E-07	4.25E-08	4.15E-09	4.66E-08	2.95E-04	1.02E-07	3.08E-07	3.40E-09	3.99E-08	4.33E-08	1.52E-06	7.99E-07
4619	480863.09, 3859877.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	1.57E-06	8.29E-07
4620	481363.09, 3859877.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	1.63E-06	8.60E-07
4621	481863.09, 3859877.25	3.38E-04	3.53E-07	2.04E-07	4.86E-08	4.75E-09	5.33E-08	3.45E-04	1.19E-07	3.60E-07	3.98E-09	4.67E-08	5.07E-08	1.71E-06	9.01E-07
4622	482363.09, 3859877.25	3.54E-04	3.70E-07	2.14E-07	5.09E-08	4.98E-09	5.59E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	1.81E-06	9.52E-07
4623	482863.09, 3859877.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	1.89E-06	9.98E-07
4624	483363.09, 3859877.25	3.88E-04	4.06E-07	2.35E-07	5.59E-08	5.46E-09	6.13E-08	4.03E-04	1.39E-07	4.21E-07	4.65E-09	5.45E-08	5.92E-08	1.99E-06	1.05E-06
4625	483863.09, 3859877.25	4.10E-04	4.28E-07	2.48E-07	5.89E-08	5.76E-09	6.47E-08	4.37E-04	1.51E-07	4.57E-07	5.05E-09	5.92E-08	6.42E-08	2.03E-06	1.07E-06
4626	484363.09, 3859877.25	4.33E-04	4.52E-07	2.62E-07	6.22E-08	6.08E-09	6.83E-08	4.64E-04	1.61E-07	4.85E-07	5.36E-09	6.28E-08	6.82E-08	2.19E-06	1.16E-06
4627	484863.09, 3859877.25	4.62E-04	4.83E-07	2.80E-07	6.64E-08	6.50E-09	7.29E-08	4.93E-04	1.71E-07	5.16E-07	5.70E-09	6.68E-08	7.25E-08	2.44E-06	1.28E-06
4628	485363.09, 3859877.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	5.36E-04	1.85E-07	5.60E-07	6.19E-09	7.26E-08	7.87E-08	2.82E-06	1.48E-06
4629	485863.09, 3859877.25	5.52E-04	5.77E-07	3.34E-07	7.93E-08	7.76E-09	8.71E-08	5.94E-04	2.06E-07	6.21E-07	6.86E-09	8.04E-08	8.73E-08	3.41E-06	1.77E-06
4630	486363.09, 3859877.25	6.15E-04	6.43E-07	3.72E-07	8.85E-08	8.65E-09	9.71E-08	6.63E-04	2.29E-07	6.93E-07	7.66E-09	8.97E-08	9.74E-08	4.21E-06	2.18E-06
4631	486863.09, 3859877.25	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	5.53E-06	2.84E-06
4632	487363.09, 3859877.25	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	8.32E-04	2.88E-07	8.69E-07	9.62E-09	1.13E-07	1.22E-07	9.66E-06	4.86E-06
4633	487863.09, 3859877.25	8.98E-04	9.38E-07	5.43E-07	1.29E-07	1.26E-08	1.42E-07	9.46E-04	3.28E-07	9.89E-07	1.09E-08	1.28E-07	1.39E-07	3.94E-05	1.94E-05
4634	488363.09, 3859877.25	1.05E-03	1.09E-06	6.33E-07	1.50E-07	1.47E-08	1.65E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	4.15E-05	2.04E-05
4635	488863.09, 3859877.25	1.32E-03	1.38E-06	7.98E-07	1.90E-07	1.85E-08	2.08E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	2.30E-05	1.15E-05
4636	489363.09, 3859877.25	1.82E-03	1.90E-06	1.10E-06	2.62E-07	2.56E-08	2.88E-07	1.81E-03	6.26E-07	1.89E-06	2.09E-08	2.45E-07	2.66E-07	1.87E-05	9.45E-06
4637	489863.09, 3859877.25	2.90E-03	3.03E-06	1.76E-06	4.17E-07	4.08E-08	4.58E-07	2.85E-03	9.86E-07	2.98E-06	3.29E-08	3.86E-07	4.19E-07	1.44E-05	7.58E-06
4638	490363.09, 3859877.25	6.56E-03	6.85E-06	3.97E-06	9.43E-07	9.22E-08	1.04E-06	6.40E-03	2.22E-06	6.69E-06	7.40E-08	8.67E-07	9.41E-07	1.40E-05	8.11E-06
4639	490863.09, 3859877.25	5.58E-02	5.83E-05	3.38E-05	8.02E-06	7.85E-07	8.81E-06	4.86E-02	1.68E-05	5.08E-05	5.62E-07	6.58E-06	7.14E-06	4.78E-05	3.36E-05
4640	491363.09, 3859877.25	9.77E-03	1.02E-05	5.91E-06	1.41E-06	1.37E-07	1.54E-06	9.40E-03	3.26E-06	9.83E-06	1.09E-07	1.27E-06	1.38E-06	1.95E-05	1.14E-05
4641	491863.09, 3859877.25	4.93E-03	5.15E-06	2.98E-06	7.08E-07	6.93E-08	7.78E-07	4.76E-03	1.65E-06	4.98E-06	5.51E-08	6.45E-07	7.00E-07	1.14E-05	6.51E-06
4642	492363.09, 3859877.25	3.33E-03	3.49E-06	2.02E-06	4.80E-07	4.69E-08	5.26E-07	3.23E-03	1.12E-06	3.38E-06	3.74E-08	4.38E-07	4.75E-07	8.72E-06	4.90E-06
4643	492863.09, 3859877.25	2.44E-03	2.55E-06	1.48E-06	3.51E-07	3.43E-08	3.85E-07	2.37E-03	8.22E-07	2.48E-06	2.74E-08	3.21E-07	3.49E-07	7.26E-06	4.02E-06
4644	493363.09, 3859877.25	2.01E-03	2.10E-06	1.21E-06	2.88E-07	2.82E-08	3.17E-07	1.96E-03	6.77E-07	2.05E-06	2.26E-08	2.65E-07	2.88E-07	6.31E-06	3.47E-06
4645	493863.09, 3859877.25	1.72E-03	1.79E-06	1.04E-06	2.47E-07	2.41E-08	2.71E-07	1.68E-03	5.82E-07	1.76E-06	1.94E-08	2.28E-07	2.47E-07	5.64E-06	3.09E-06
4646	494363.09, 3859877.25	1.48E-03	1.54E-06	8.94E-07	2.12E-07	2.08E-08	2.33E-07	1.45E-03	5.02E-07	1.51E-06	1.67E-08	1.96E-07	2.13E-07	5.26E-06	2.85E-06

4647	494863.09, 3859877.25	1.35E-03	1.41E-06	8.16E-07	1.94E-07	1.90E-08	2.13E-07	1.32E-03	4.58E-07	1.38E-06	1.53E-08	1.79E-07	1.95E-07	4.79E-06	2.60E-06
4648	495363.09, 3859877.25	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	4.41E-06	2.39E-06
4649	495863.09, 3859877.25	1.11E-03	1.16E-06	6.73E-07	1.60E-07	1.56E-08	1.75E-07	1.09E-03	3.76E-07	1.14E-06	1.26E-08	1.47E-07	1.60E-07	4.12E-06	2.23E-06
4650	496363.09, 3859877.25	9.89E-04	1.03E-06	5.99E-07	1.42E-07	1.39E-08	1.56E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	3.84E-06	2.06E-06
4651	496863.09, 3859877.25	8.26E-04	8.63E-07	5.00E-07	1.19E-07	1.16E-08	1.30E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	3.37E-06	1.80E-06
4652	497363.09, 3859877.25	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	8.44E-04	2.92E-07	8.83E-07	9.76E-09	1.14E-07	1.24E-07	3.38E-06	1.82E-06
4653	497863.09, 3859877.25	9.40E-04	9.83E-07	5.69E-07	1.35E-07	1.32E-08	1.48E-07	9.15E-04	3.17E-07	9.56E-07	1.06E-08	1.24E-07	1.34E-07	3.28E-06	1.78E-06
4654	498363.09, 3859877.25	9.74E-04	1.02E-06	5.90E-07	1.40E-07	1.37E-08	1.54E-07	9.51E-04	3.29E-07	9.94E-07	1.10E-08	1.29E-07	1.40E-07	3.10E-06	1.70E-06
4655	471363.09, 3860377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	6.95E-07	3.73E-07
4656	471863.09, 3860377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	7.21E-07	3.86E-07
4657	472363.09, 3860377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	7.44E-07	3.99E-07
4658	472863.09, 3860377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	7.67E-07	4.11E-07
4659	473363.09, 3860377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.88E-04	6.51E-08	1.96E-07	2.17E-09	2.55E-08	2.76E-08	7.95E-07	4.25E-07
4660	473863.09, 3860377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	8.25E-07	4.41E-07
4661	474363.09, 3860377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	8.67E-07	4.61E-07
4662	474863.09, 3860377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.88E-04	6.51E-08	1.96E-07	2.17E-09	2.55E-08	2.76E-08	9.07E-07	4.80E-07
4663	475363.09, 3860377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	9.24E-07	4.86E-07
4664	475863.09, 3860377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	9.27E-07	4.86E-07
4665	476363.09, 3860377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	8.91E-07	4.66E-07
4666	476863.09, 3860377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	8.73E-07	4.56E-07
4667	477363.09, 3860377.25	1.42E-04	1.48E-07	8.59E-08	2.04E-08	2.00E-09	2.24E-08	1.35E-04	4.66E-08	1.41E-07	1.56E-09	1.82E-08	1.98E-08	6.91E-07	3.64E-07
4668	477863.09, 3860377.25	1.53E-04	1.60E-07	9.28E-08	2.21E-08	2.16E-09	2.42E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	7.91E-07	4.15E-07
4669	478363.09, 3860377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	1.06E-06	5.53E-07
4670	478863.09, 3860377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	1.21E-06	6.28E-07
4671	479363.09, 3860377.25	2.42E-04	2.52E-07	1.46E-07	3.47E-08	3.40E-09	3.81E-08	2.30E-04	7.97E-08	2.41E-07	2.66E-09	3.12E-08	3.38E-08	1.32E-06	6.88E-07
4672	479863.09, 3860377.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.58E-04	8.95E-08	2.70E-07	2.99E-09	3.50E-08	3.80E-08	1.36E-06	7.12E-07
4673	480363.09, 3860377.25	2.81E-04	2.93E-07	1.70E-07	4.04E-08	3.95E-09	4.43E-08	2.80E-04	9.71E-08	2.93E-07	3.24E-09	3.80E-08	4.12E-08	1.38E-06	7.29E-07
4674	480863.09, 3860377.25	2.95E-04	3.09E-07	1.79E-07	4.25E-08	4.15E-09	4.66E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	1.42E-06	7.49E-07
4675	481363.09, 3860377.25	3.07E-04	3.21E-07	1.86E-07	4.41E-08	4.32E-09	4.84E-08	3.10E-04	1.07E-07	3.24E-07	3.59E-09	4.20E-08	4.56E-08	1.47E-06	7.76E-07
4676	481863.09, 3860377.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.29E-04	1.14E-07	3.44E-07	3.80E-09	4.45E-08	4.84E-08	1.52E-06	8.06E-07
4677	482363.09, 3860377.25	3.36E-04	3.51E-07	2.03E-07	4.84E-08	4.73E-09	5.31E-08	3.45E-04	1.19E-07	3.60E-07	3.98E-09	4.67E-08	5.07E-08	1.59E-06	8.45E-07
4678	482863.09, 3860377.25	3.49E-04	3.65E-07	2.11E-07	5.02E-08	4.91E-09	5.51E-08	3.57E-04	1.24E-07	3.73E-07	4.13E-09	4.84E-08	5.25E-08	1.66E-06	8.81E-07
4679	483363.09, 3860377.25	3.67E-04	3.84E-07	2.22E-07	5.28E-08	5.16E-09	5.80E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	1.72E-06	9.10E-07
4680	483863.09, 3860377.25	3.84E-04	4.01E-07	2.32E-07	5.52E-08	5.39E-09	6.06E-08	3.96E-04	1.37E-07	4.14E-07	4.58E-09	5.37E-08	5.83E-08	1.80E-06	9.54E-07
4681	484363.09, 3860377.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	4.21E-04	1.46E-07	4.40E-07	4.87E-09	5.71E-08	6.19E-08	1.86E-06	9.86E-07
4682	484863.09, 3860377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	4.42E-04	1.53E-07	4.62E-07	5.11E-09	5.98E-08	6.49E-08	2.00E-06	1.06E-06
4683	485363.09, 3860377.25	4.49E-04	4.69E-07	2.72E-07	6.45E-08	6.31E-09	7.09E-08	4.67E-04	1.62E-07	4.88E-07	5.40E-09	6.32E-08	6.86E-08	2.21E-06	1.17E-06
4684	485863.09, 3860377.25	4.83E-04	5.05E-07	2.92E-07	6.95E-08	6.79E-09	7.63E-08	5.04E-04	1.75E-07	5.27E-07	5.83E-09	6.83E-08	7.41E-08	2.57E-06	1.35E-06
4685	486363.09, 3860377.25	5.26E-04	5.49E-07	3.18E-07	7.56E-08	7.39E-09	8.30E-08	5.50E-04	1.90E-07	5.75E-07	6.36E-09	7.45E-08	8.08E-08	3.04E-06	1.59E-06
4686	486863.09, 3860377.25	5.75E-04	6.01E-07	3.48E-07	8.26E-08	8.08E-09	9.07E-08	6.00E-04	2.08E-07	6.27E-07	6.94E-09	8.12E-08	8.82E-08	3.90E-06	2.01E-06
4687	487363.09, 3860377.25	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	6.61E-04	2.29E-07	6.91E-07	7.64E-09	8.95E-08	9.72E-08	6.65E-06	3.37E-06
4688	487863.09, 3860377.25	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	7.43E-04	2.57E-07	7.76E-07	8.58E-09	1.01E-07	1.09E-07	3.48E-05	1.71E-05
4689	488363.09, 3860377.25	8.21E-04	8.58E-07	4.97E-07	1.18E-07	1.15E-08	1.30E-07	8.35E-04	2.89E-07	8.73E-07	9.65E-09	1.13E-07	1.23E-07	4.38E-05	2.15E-05
4690	488863.09, 3860377.25	9.58E-04	1.00E-06	5.80E-07	1.38E-07	1.35E-08	1.51E-07	9.57E-04	3.31E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	4.54E-05	2.23E-05
4691	489363.09, 3860377.25	1.14E-03	1.19E-06	6.88E-07	1.64E-07	1.60E-08	1.80E-07	1.12E-03	3.89E-07	1.18E-06	1.30E-08	1.52E-07	1.65E-07	2.16E-05	1.08E-05
4692	489863.09, 3860377.25	1.38E-03	1.44E-06	8.35E-07	1.98E-07	1.94E-08	2.18E-07	1.35E-03	4.69E-07	1.41E-06	1.56E-08	1.83E-07	1.99E-07	1.14E-05	5.83E-06
4693	490363.09, 3860377.25	1.78E-03	1.86E-06	1.07E-06	2.55E-07	2.50E-08	2.80E-07	1.74E-03	6.01E-07	1.81E-06	2.01E-08	2.35E-07	2.55E-07	8.47E-06	4.47E-06
4694	490863.09, 3860377.25	2.70E-03	2.82E-06	1.63E-06	3.88E-07	3.80E-08	4.26E-07	2.63E-03	9.09E-07	2.74E-06	3.03E-08	3.56E-07	3.86E-07	7.63E-06	4.24E-06
4695	491363.09, 3860377.25	8.07E-03	8.43E-06	4.88E-06	1.16E-06	1.13E-07	1.27E-06	7.93E-03	2.74E-06	8.29E-06	9.17E-08	1.07E-06	1.17E-06	1.06E-05	6.76E-06
4696	491863.09, 3860377.25	1.46E-02	1.53E-05	8.84E-06	2.10E-06	2.05E-07	2.31E-06	1.36E-02	4.71E-06	1.42E-05	1.57E-07	1.84E-06	2.00E-06	1.53E-05	1.03E-05
4697	492363.09, 3860377.25	5.77E-03	6.03E-06	3.49E-06	8.29E-07	8.11E-08	9.10E-07	5.47E-03	1.89E-06	5.72E-06	6.32E-08	7.41E-07	8.04E-07	7.98E-06	5.01E-06
4698	492863.09, 3860377.25	3.83E-03	4.01E-06	2.32E-06	5.51E-07	5.39E-08	6.05E-07	3.68E-03	1.27E-06	3.84E-06	4.25E-08	4.98E-07	5.40E-07	6.66E-06	3.99E-06
4699	493363.09, 3860377.25	2.76E-03	2.88E-06	1.67E-06	3.96E-07	3.88E-08	4.35E-07	2.66E-03	9.20E-07	2.78E-06	3.07E-08	3.60E-07	3.90E-07	5.31E-06	3.12E-06
4700	493863.09, 3860377.25	2.36E-03	2.46E-06	1.43E-06	3.39E-07	3.31E-08	3.72E-07	2.28E-03	7.90E-07	2.38E-06	2.64E-08	3.09E-07	3.35E-07	4.71E-06	2.76E-06
4701	494363.09, 3860377.25	1.96E-03	2.05E-06	1.19E-06	2.82E-07	2.76E-08	3.10E-07	1.91E-03	6.60E-07	1.99E-06	2.21E-08	2.58E-07	2.80E-07	4.31E-06	2.49E-06
4702	494863.09, 3860377.25	1.80E-03	1.88E-06	1.09E-06	2.59E-07	2.53E-08	2.84E-07	1.76E-03	6.08E-07	1.84E-06	2.03E-08	2.38E-07	2.58E-07	3.95E-06	2.28E-06
4703	495363.09, 3860377.25	1.59E-03	1.66E-06	9.62E-07	2.29E-07	2.24E-08	2.51E-07	1.55E-03	5.37E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	3.71E-06	2.12E-06
4704	495863.09, 3860377.25	1.35E-03	1.41E-06	8.15E-07	1.94E-07	1.89E-08	2.13E-07	1.32E-03	4.56E-07	1.38E-06	1.52E-08	1.78E-07	1.93E-07	3.53E-06	1.98E-06
4705	496363.09, 3860377.25	1.18E-03	1.23E-06	7.12E-07	1.69E-07	1.66E-08	1.86E-07	1.15E-03	3.97E-07	1.20E-06	1.33E-08	1.55E-07	1.69E-07	3.36E-06	1.87E-06
4706	496863.09, 3860377.25	1.07E-03	1.12E-06	6.46E-07	1.54E-07	1.50E-08	1.69E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	3.18E-06	1.76E-06
4707	497363.09, 3860377.25	9.57E-04	1.00E-06	5.79E-07	1.38E-07	1.35E-08	1.51E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	2.97E-06	1.63E-06
4708	497863.09, 3860377.25	1.01E-03	1.06E-06	6.11E-07	1.45E-07	1.42E-08	1.59E-07	9.81E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	2.92E-06	1.62E-06

4709	498363.09, 3860377.25	1.07E-03	1.12E-06	6.49E-07	1.54E-07	1.51E-08	1.69E-07	1.05E-03	3.62E-07	1.09E-06	1.21E-08	1.42E-07	1.54E-07	2.79E-06	1.57E-06
4710	471363.09, 3860877.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	6.77E-07	3.64E-07
4711	471863.09, 3860877.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	6.95E-07	3.73E-07
4712	472363.09, 3860877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	7.18E-07	3.85E-07
4713	472863.09, 3860877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	7.45E-07	3.99E-07
4714	473363.09, 3860877.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	7.72E-07	4.13E-07
4715	473863.09, 3860877.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	8.02E-07	4.28E-07
4716	474363.09, 3860877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	8.36E-07	4.46E-07
4717	474863.09, 3860877.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.71E-07	4.63E-07
4718	475363.09, 3860877.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	9.11E-07	4.82E-07
4719	475863.09, 3860877.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	9.47E-07	4.99E-07
4720	476363.09, 3860877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	9.59E-07	5.03E-07
4721	476863.09, 3860877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	9.79E-07	5.12E-07
4722	477363.09, 3860877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	1.01E-06	5.29E-07
4723	477863.09, 3860877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	1.01E-06	5.26E-07
4724	478363.09, 3860877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	8.47E-07	4.42E-07
4725	478863.09, 3860877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	1.13E-06	5.88E-07
4726	479363.09, 3860877.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.22E-06	6.40E-07
4727	479863.09, 3860877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	1.24E-06	6.54E-07
4728	480363.09, 3860877.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.66E-04	9.22E-08	2.78E-07	3.08E-09	3.61E-08	3.91E-08	1.26E-06	6.64E-07
4729	480863.09, 3860877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	1.28E-06	6.79E-07
4730	481363.09, 3860877.25	2.91E-04	3.04E-07	1.76E-07	4.18E-08	4.09E-09	4.59E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	1.32E-06	6.99E-07
4731	481863.09, 3860877.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	1.37E-06	7.27E-07
4732	482363.09, 3860877.25	3.13E-04	3.28E-07	1.90E-07	4.51E-08	4.41E-09	4.95E-08	3.20E-04	1.11E-07	3.34E-07	3.69E-09	4.33E-08	4.70E-08	1.42E-06	7.54E-07
4733	482863.09, 3860877.25	3.25E-04	3.40E-07	1.97E-07	4.67E-08	4.57E-09	5.13E-08	3.31E-04	1.14E-07	3.45E-07	3.82E-09	4.48E-08	4.86E-08	1.47E-06	7.81E-07
4734	483363.09, 3860877.25	3.40E-04	3.55E-07	2.05E-07	4.88E-08	4.77E-09	5.36E-08	3.46E-04	1.20E-07	3.62E-07	4.00E-09	4.69E-08	5.09E-08	1.53E-06	8.11E-07
4735	483863.09, 3860877.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	1.58E-06	8.42E-07
4736	484363.09, 3860877.25	3.74E-04	3.91E-07	2.26E-07	5.38E-08	5.26E-09	5.90E-08	3.84E-04	1.33E-07	4.01E-07	4.44E-09	5.20E-08	5.64E-08	1.62E-06	8.67E-07
4737	484863.09, 3860877.25	3.90E-04	4.08E-07	2.36E-07	5.61E-08	5.49E-09	6.16E-08	3.99E-04	1.38E-07	4.18E-07	4.62E-09	5.41E-08	5.87E-08	1.69E-06	9.01E-07
4738	485363.09, 3860877.25	4.11E-04	4.30E-07	2.49E-07	5.91E-08	5.78E-09	6.49E-08	4.18E-04	1.45E-07	4.37E-07	4.83E-09	5.66E-08	6.15E-08	1.82E-06	9.67E-07
4739	485863.09, 3860877.25	4.39E-04	4.59E-07	2.66E-07	6.31E-08	6.17E-09	6.93E-08	4.46E-04	1.55E-07	4.67E-07	5.16E-09	6.05E-08	6.56E-08	2.01E-06	1.07E-06
4740	486363.09, 3860877.25	4.68E-04	4.90E-07	2.83E-07	6.74E-08	6.59E-09	7.40E-08	4.78E-04	1.65E-07	4.99E-07	5.52E-09	6.47E-08	7.02E-08	2.27E-06	1.20E-06
4741	486863.09, 3860877.25	5.04E-04	5.27E-07	3.05E-07	7.25E-08	7.09E-09	7.96E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	2.63E-06	1.38E-06
4742	487363.09, 3860877.25	5.42E-04	5.66E-07	3.28E-07	7.79E-08	7.62E-09	8.55E-08	5.55E-04	1.92E-07	5.80E-07	6.41E-09	7.51E-08	8.15E-08	3.17E-06	1.65E-06
4743	487863.09, 3860877.25	5.89E-04	6.16E-07	3.57E-07	8.47E-08	8.29E-09	9.30E-08	6.03E-04	2.09E-07	6.30E-07	6.97E-09	8.17E-08	8.86E-08	3.87E-06	2.00E-06
4744	488363.09, 3860877.25	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.64E-04	2.30E-07	6.94E-07	7.68E-09	8.99E-08	9.76E-08	4.93E-06	2.53E-06
4745	488863.09, 3860877.25	7.25E-04	7.57E-07	4.39E-07	1.04E-07	1.02E-08	1.14E-07	7.24E-04	2.51E-07	7.56E-07	8.37E-09	9.80E-08	1.06E-07	5.23E-06	2.69E-06
4746	489363.09, 3860877.25	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	5.45E-06	2.82E-06
4747	489863.09, 3860877.25	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	9.29E-04	3.22E-07	9.71E-07	1.07E-08	1.26E-07	1.37E-07	4.91E-06	2.58E-06
4748	490363.09, 3860877.25	1.14E-03	1.20E-06	6.92E-07	1.65E-07	1.61E-08	1.81E-07	1.12E-03	3.88E-07	1.17E-06	1.29E-08	1.52E-07	1.65E-07	4.48E-06	2.41E-06
4749	490863.09, 3860877.25	1.48E-03	1.54E-06	8.93E-07	2.12E-07	2.08E-08	2.33E-07	1.44E-03	4.97E-07	1.50E-06	1.66E-08	1.95E-07	2.11E-07	4.24E-06	2.36E-06
4750	491363.09, 3860877.25	2.13E-03	2.22E-06	1.29E-06	3.06E-07	2.99E-08	3.36E-07	2.07E-03	7.16E-07	2.16E-06	2.39E-08	2.80E-07	3.04E-07	4.17E-06	2.45E-06
4751	491863.09, 3860877.25	4.63E-03	4.84E-06	2.80E-06	6.66E-07	6.51E-08	7.31E-07	4.50E-03	1.56E-06	4.71E-06	5.20E-08	6.10E-07	6.62E-07	4.96E-06	3.33E-06
4752	492363.09, 3860877.25	2.53E-02	2.65E-05	1.53E-05	3.64E-06	3.56E-07	4.00E-06	2.41E-02	8.35E-06	2.52E-05	2.79E-07	3.27E-06	3.54E-06	1.26E-05	1.11E-05
4753	492863.09, 3860877.25	7.42E-03	7.76E-06	4.49E-06	1.07E-06	1.04E-07	1.17E-06	7.09E-03	2.46E-06	7.41E-06	8.20E-08	9.61E-07	1.04E-06	5.65E-06	4.20E-06
4754	493363.09, 3860877.25	4.67E-03	4.89E-06	2.83E-06	6.72E-07	6.57E-08	7.38E-07	4.47E-03	1.55E-06	4.68E-06	5.17E-08	6.06E-07	6.58E-07	4.53E-06	3.12E-06
4755	493863.09, 3860877.25	3.64E-03	3.81E-06	2.20E-06	5.24E-07	5.12E-08	5.75E-07	3.50E-03	1.21E-06	3.66E-06	4.04E-08	4.74E-07	5.14E-07	4.01E-06	2.67E-06
4756	494363.09, 3860877.25	3.06E-03	3.20E-06	1.85E-06	4.40E-07	4.30E-08	4.83E-07	2.95E-03	1.02E-06	3.08E-06	3.40E-08	3.99E-07	4.33E-07	3.68E-06	2.39E-06
4757	494863.09, 3860877.25	2.61E-03	2.73E-06	1.58E-06	3.76E-07	3.68E-08	4.13E-07	2.52E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	3.42E-06	2.18E-06
4758	495363.09, 3860877.25	2.28E-03	2.39E-06	1.38E-06	3.28E-07	3.21E-08	3.60E-07	2.21E-03	7.64E-07	2.31E-06	2.55E-08	2.99E-07	3.24E-07	3.22E-06	2.02E-06
4759	495863.09, 3860877.25	2.06E-03	2.16E-06	1.25E-06	2.97E-07	2.90E-08	3.26E-07	2.00E-03	6.92E-07	2.09E-06	2.31E-08	2.71E-07	2.94E-07	3.06E-06	1.90E-06
4760	496363.09, 3860877.25	1.76E-03	1.84E-06	1.07E-06	2.53E-07	2.48E-08	2.78E-07	1.71E-03	5.92E-07	1.79E-06	1.98E-08	2.32E-07	2.51E-07	2.93E-06	1.77E-06
4761	496863.09, 3860877.25	1.44E-03	1.50E-06	8.69E-07	2.07E-07	2.02E-08	2.27E-07	1.39E-03	4.83E-07	1.46E-06	1.61E-08	1.89E-07	2.05E-07	2.81E-06	1.65E-06
4762	497363.09, 3860877.25	1.35E-03	1.41E-06	8.15E-07	1.94E-07	1.89E-08	2.13E-07	1.31E-03	4.53E-07	1.37E-06	1.51E-08	1.77E-07	1.92E-07	2.71E-06	1.58E-06
4763	497863.09, 3860877.25	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.20E-03	4.15E-07	1.25E-06	1.39E-08	1.62E-07	1.76E-07	2.60E-06	1.51E-06
4764	498363.09, 3860877.25	1.25E-03	1.30E-06	7.55E-07	1.79E-07	1.75E-08	1.97E-07	1.21E-03	4.19E-07	1.27E-06	1.40E-08	1.64E-07	1.78E-07	2.51E-06	1.47E-06
4765	471363.09, 3861377.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	6.59E-07	3.54E-07
4766	471863.09, 3861377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	6.81E-07	3.66E-07
4767	472363.09, 3861377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	7.04E-07	3.77E-07
4768	472863.09, 3861377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	7.26E-07	3.89E-07
4769	473363.09, 3861377.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	7.52E-07	4.02E-07
4770	473863.09, 3861377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.82E-07	4.17E-07

4771	474363.09, 3861377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	8.04E-07	4.29E-07
4772	474863.09, 3861377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.88E-04	6.51E-08	1.96E-07	2.17E-09	2.55E-08	2.76E-08	8.34E-07	4.44E-07
4773	475363.09, 3861377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.61E-07	4.58E-07
4774	475863.09, 3861377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	8.95E-07	4.75E-07
4775	476363.09, 3861377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	9.33E-07	4.93E-07
4776	476863.09, 3861377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	9.66E-07	5.09E-07
4777	477363.09, 3861377.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	9.96E-07	5.24E-07
4778	477863.09, 3861377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	9.95E-07	5.21E-07
4779	478363.09, 3861377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	8.81E-07	4.60E-07
4780	478863.09, 3861377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	9.69E-07	5.05E-07
4781	479363.09, 3861377.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	1.12E-06	5.89E-07
4782	479863.09, 3861377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.32E-04	8.03E-08	2.42E-07	2.68E-09	3.14E-08	3.41E-08	1.13E-06	5.99E-07
4783	480363.09, 3861377.25	2.55E-04	2.66E-07	1.54E-07	3.66E-08	3.58E-09	4.02E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	1.14E-06	6.06E-07
4784	480863.09, 3861377.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	1.16E-06	6.19E-07
4785	481363.09, 3861377.25	2.74E-04	2.87E-07	1.66E-07	3.94E-08	3.86E-09	4.33E-08	2.76E-04	9.54E-08	2.88E-07	3.19E-09	3.73E-08	4.05E-08	1.19E-06	6.32E-07
4786	481863.09, 3861377.25	2.84E-04	2.97E-07	1.72E-07	4.08E-08	3.99E-09	4.48E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	1.22E-06	6.53E-07
4787	482363.09, 3861377.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	1.27E-06	6.76E-07
4788	482863.09, 3861377.25	3.04E-04	3.17E-07	1.84E-07	4.37E-08	4.27E-09	4.79E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	1.30E-06	6.94E-07
4789	483363.09, 3861377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	3.20E-04	1.11E-07	3.34E-07	3.69E-09	4.33E-08	4.70E-08	1.34E-06	7.14E-07
4790	483863.09, 3861377.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.32E-04	1.15E-07	3.47E-07	3.84E-09	4.50E-08	4.88E-08	1.36E-06	7.30E-07
4791	484363.09, 3861377.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.46E-04	1.20E-07	3.62E-07	4.00E-09	4.69E-08	5.09E-08	1.41E-06	7.54E-07
4792	484863.09, 3861377.25	3.57E-04	3.74E-07	2.16E-07	5.14E-08	5.03E-09	5.64E-08	3.60E-04	1.25E-07	3.77E-07	4.16E-09	4.88E-08	5.30E-08	1.42E-06	7.63E-07
4793	485363.09, 3861377.25	3.71E-04	3.87E-07	2.24E-07	5.33E-08	5.21E-09	5.85E-08	3.73E-04	1.29E-07	3.90E-07	4.31E-09	5.05E-08	5.48E-08	1.45E-06	7.79E-07
4794	485863.09, 3861377.25	3.90E-04	4.08E-07	2.36E-07	5.61E-08	5.49E-09	6.16E-08	3.90E-04	1.35E-07	4.08E-07	4.51E-09	5.28E-08	5.73E-08	1.52E-06	8.16E-07
4795	486363.09, 3861377.25	4.13E-04	4.32E-07	2.50E-07	5.94E-08	5.81E-09	6.52E-08	4.15E-04	1.44E-07	4.34E-07	4.80E-09	5.62E-08	6.10E-08	1.62E-06	8.70E-07
4796	486863.09, 3861377.25	4.41E-04	4.61E-07	2.67E-07	6.34E-08	6.20E-09	6.96E-08	4.45E-04	1.54E-07	4.65E-07	5.14E-09	6.02E-08	6.54E-08	1.74E-06	9.38E-07
4797	487363.09, 3861377.25	4.70E-04	4.91E-07	2.84E-07	6.76E-08	6.61E-09	7.42E-08	4.76E-04	1.65E-07	4.98E-07	5.50E-09	6.45E-08	7.00E-08	1.82E-06	9.80E-07
4798	487863.09, 3861377.25	5.04E-04	5.27E-07	3.05E-07	7.25E-08	7.09E-09	7.96E-08	5.11E-04	1.77E-07	5.34E-07	5.90E-09	6.92E-08	7.51E-08	1.79E-06	9.74E-07
4799	488363.09, 3861377.25	5.44E-04	5.68E-07	3.29E-07	7.82E-08	7.64E-09	8.58E-08	5.51E-04	1.91E-07	5.76E-07	6.37E-09	7.47E-08	8.10E-08	1.91E-06	1.04E-06
4800	488863.09, 3861377.25	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	5.97E-04	2.07E-07	6.24E-07	6.90E-09	8.08E-08	8.77E-08	2.11E-06	1.15E-06
4801	489363.09, 3861377.25	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	6.45E-04	2.23E-07	6.75E-07	7.46E-09	8.74E-08	9.49E-08	2.45E-06	1.32E-06
4802	489863.09, 3861377.25	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	7.13E-04	2.47E-07	7.45E-07	8.24E-09	9.65E-08	1.05E-07	2.42E-06	1.32E-06
4803	490363.09, 3861377.25	8.39E-04	8.77E-07	5.08E-07	1.21E-07	1.18E-08	1.32E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	2.40E-06	1.33E-06
4804	490863.09, 3861377.25	9.86E-04	1.03E-06	5.97E-07	1.42E-07	1.39E-08	1.56E-07	9.63E-04	3.33E-07	1.01E-06	1.11E-08	1.30E-07	1.42E-07	2.41E-06	1.37E-06
4805	491363.09, 3861377.25	1.23E-03	1.29E-06	7.47E-07	1.77E-07	1.74E-08	1.95E-07	1.20E-03	4.14E-07	1.25E-06	1.38E-08	1.62E-07	1.76E-07	2.48E-06	1.45E-06
4806	491863.09, 3861377.25	1.71E-03	1.79E-06	1.04E-06	2.46E-07	2.41E-08	2.71E-07	1.65E-03	5.72E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	2.66E-06	1.63E-06
4807	492363.09, 3861377.25	3.01E-03	3.14E-06	1.82E-06	4.33E-07	4.23E-08	4.75E-07	2.90E-03	1.01E-06	3.04E-06	3.36E-08	3.93E-07	4.27E-07	3.14E-06	2.12E-06
4808	492863.09, 3861377.25	1.04E-02	1.09E-05	6.31E-06	1.50E-06	1.47E-07	1.65E-06	1.01E-02	3.49E-06	1.05E-05	1.17E-07	1.37E-06	1.48E-06	5.93E-06	4.94E-06
4809	493363.09, 3861377.25	4.46E-02	4.66E-05	2.70E-05	6.41E-06	6.27E-07	7.04E-06	4.53E-02	1.57E-05	4.73E-05	5.23E-07	6.13E-06	6.65E-06	1.95E-05	1.85E-05
4810	493863.09, 3861377.25	1.39E-02	1.45E-05	8.38E-06	1.99E-06	1.95E-07	2.19E-06	1.35E-02	4.67E-06	1.41E-05	1.56E-07	1.83E-06	1.98E-06	7.16E-06	6.22E-06
4811	494363.09, 3861377.25	8.09E-03	8.46E-06	4.90E-06	1.16E-06	1.14E-07	1.28E-06	7.80E-03	2.70E-06	8.15E-06	9.02E-08	1.06E-06	1.15E-06	4.89E-06	3.97E-06
4812	494863.09, 3861377.25	5.70E-03	5.96E-06	3.45E-06	8.20E-07	8.02E-08	9.00E-07	5.48E-03	1.90E-06	5.72E-06	6.33E-08	7.42E-07	8.05E-07	3.94E-06	3.04E-06
4813	495363.09, 3861377.25	4.46E-03	4.66E-06	2.70E-06	6.41E-07	6.27E-08	7.04E-07	4.28E-03	1.48E-06	4.47E-06	4.95E-08	5.80E-07	6.29E-07	3.43E-06	2.54E-06
4814	495863.09, 3861377.25	3.72E-03	3.89E-06	2.25E-06	5.35E-07	5.23E-08	5.87E-07	3.57E-03	1.24E-06	3.73E-06	4.13E-08	4.83E-07	5.25E-07	3.12E-06	2.25E-06
4815	496363.09, 3861377.25	3.08E-03	3.22E-06	1.86E-06	4.43E-07	4.33E-08	4.86E-07	2.96E-03	1.02E-06	3.09E-06	3.42E-08	4.01E-07	4.35E-07	2.86E-06	2.00E-06
4816	496863.09, 3861377.25	2.41E-03	2.52E-06	1.46E-06	3.46E-07	3.39E-08	3.80E-07	2.32E-03	8.02E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	2.63E-06	1.75E-06
4817	497363.09, 3861377.25	2.11E-03	2.20E-06	1.28E-06	3.03E-07	2.96E-08	3.33E-07	2.03E-03	7.03E-07	2.12E-06	2.35E-08	2.75E-07	2.99E-07	2.51E-06	1.63E-06
4818	497863.09, 3861377.25	1.87E-03	1.96E-06	1.13E-06	2.69E-07	2.63E-08	2.96E-07	1.81E-03	6.25E-07	1.89E-06	2.09E-08	2.45E-07	2.65E-07	2.40E-06	1.54E-06
4819	498363.09, 3861377.25	1.67E-03	1.75E-06	1.01E-06	2.41E-07	2.36E-08	2.64E-07	1.62E-03	5.60E-07	1.69E-06	1.87E-08	2.19E-07	2.38E-07	2.31E-06	1.45E-06
4820	471363.09, 3861877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	6.40E-07	3.44E-07
4821	471863.09, 3861877.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	6.62E-07	3.55E-07
4822	472363.09, 3861877.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	6.80E-07	3.64E-07
4823	472863.09, 3861877.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	7.02E-07	3.76E-07
4824	473363.09, 3861877.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	7.24E-07	3.87E-07
4825	473863.09, 3861877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	7.46E-07	3.99E-07
4826	474363.09, 3861877.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.80E-04	6.24E-08	1.88E-07	2.08E-09	2.44E-08	2.65E-08	7.68E-07	4.10E-07
4827	474863.09, 3861877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	7.95E-07	4.24E-07
4828	475363.09, 3861877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	8.18E-07	4.36E-07
4829	475863.09, 3861877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	8.37E-07	4.46E-07
4830	476363.09, 3861877.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	8.60E-07	4.58E-07
4831	476863.09, 3861877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	8.90E-07	4.73E-07
4832	477363.09, 3861877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	9.19E-07	4.87E-07

4833	477863.09, 3861877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	9.26E-07	4.87E-07
4834	478363.09, 3861877.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.38E-04	4.77E-08	1.44E-07	1.59E-09	1.87E-08	2.03E-08	7.63E-07	4.00E-07
4835	478863.09, 3861877.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	9.32E-07	4.87E-07
4836	479363.09, 3861877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	9.27E-07	4.84E-07
4837	479863.09, 3861877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	1.04E-06	5.53E-07
4838	480363.09, 3861877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.41E-04	8.35E-08	2.52E-07	2.79E-09	3.27E-08	3.55E-08	1.04E-06	5.53E-07
4839	480863.09, 3861877.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.51E-04	8.68E-08	2.62E-07	2.90E-09	3.39E-08	3.68E-08	1.05E-06	5.63E-07
4840	481363.09, 3861877.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.60E-04	9.00E-08	2.72E-07	3.01E-09	3.52E-08	3.82E-08	1.06E-06	5.69E-07
4841	481863.09, 3861877.25	2.69E-04	2.82E-07	1.63E-07	3.87E-08	3.79E-09	4.25E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	1.09E-06	5.84E-07
4842	482363.09, 3861877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.80E-04	9.71E-08	2.93E-07	3.24E-09	3.80E-08	4.12E-08	1.12E-06	5.99E-07
4843	482863.09, 3861877.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	1.14E-06	6.11E-07
4844	483363.09, 3861877.25	2.95E-04	3.09E-07	1.79E-07	4.25E-08	4.15E-09	4.66E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	1.15E-06	6.21E-07
4845	483863.09, 3861877.25	3.05E-04	3.19E-07	1.85E-07	4.39E-08	4.29E-09	4.82E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	1.16E-06	6.25E-07
4846	484363.09, 3861877.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.20E-04	1.11E-07	3.34E-07	3.69E-09	4.33E-08	4.70E-08	1.16E-06	6.26E-07
4847	484863.09, 3861877.25	3.31E-04	3.46E-07	2.00E-07	4.76E-08	4.66E-09	5.23E-08	3.32E-04	1.15E-07	3.47E-07	3.84E-09	4.50E-08	4.88E-08	1.18E-06	6.43E-07
4848	485363.09, 3861877.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.41E-04	1.18E-07	3.57E-07	3.95E-09	4.62E-08	5.02E-08	1.18E-06	6.45E-07
4849	485863.09, 3861877.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.52E-04	1.22E-07	3.68E-07	4.07E-09	4.77E-08	5.18E-08	1.17E-06	6.42E-07
4850	486363.09, 3861877.25	3.74E-04	3.91E-07	2.26E-07	5.38E-08	5.26E-09	5.90E-08	3.71E-04	1.29E-07	3.88E-07	4.29E-09	5.03E-08	5.46E-08	1.21E-06	6.62E-07
4851	486863.09, 3861877.25	3.95E-04	4.13E-07	2.39E-07	5.68E-08	5.55E-09	6.24E-08	3.95E-04	1.37E-07	4.13E-07	4.56E-09	5.35E-08	5.80E-08	1.26E-06	6.92E-07
4852	487363.09, 3861877.25	4.18E-04	4.37E-07	2.53E-07	6.01E-08	5.88E-09	6.60E-08	4.20E-04	1.45E-07	4.39E-07	4.85E-09	5.69E-08	6.17E-08	1.26E-06	6.95E-07
4853	487863.09, 3861877.25	4.42E-04	4.62E-07	2.68E-07	6.36E-08	6.22E-09	6.98E-08	4.45E-04	1.54E-07	4.65E-07	5.14E-09	6.02E-08	6.54E-08	1.23E-06	6.88E-07
4854	488363.09, 3861877.25	4.70E-04	4.91E-07	2.84E-07	6.76E-08	6.61E-09	7.42E-08	4.75E-04	1.64E-07	4.96E-07	5.49E-09	6.43E-08	6.98E-08	1.26E-06	7.09E-07
4855	488863.09, 3861877.25	5.08E-04	5.31E-07	3.07E-07	7.30E-08	7.14E-09	8.01E-08	5.09E-04	1.76E-07	5.32E-07	5.89E-09	6.89E-08	7.48E-08	1.45E-06	8.07E-07
4856	489363.09, 3861877.25	5.50E-04	5.75E-07	3.33E-07	7.91E-08	7.74E-09	8.68E-08	5.45E-04	1.89E-07	5.70E-07	6.30E-09	7.38E-08	8.01E-08	1.73E-06	9.52E-07
4857	489863.09, 3861877.25	6.04E-04	6.31E-07	3.65E-07	8.68E-08	8.49E-09	9.53E-08	5.89E-04	2.04E-07	6.16E-07	6.81E-09	7.98E-08	8.66E-08	1.68E-06	9.35E-07
4858	490363.09, 3861877.25	6.73E-04	7.03E-07	4.07E-07	9.67E-08	9.46E-09	1.06E-07	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	1.64E-06	9.31E-07
4859	490863.09, 3861877.25	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.33E-04	2.54E-07	7.66E-07	8.47E-09	9.93E-08	1.08E-07	1.62E-06	9.38E-07
4860	491363.09, 3861877.25	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	8.51E-04	2.94E-07	8.89E-07	9.83E-09	1.15E-07	1.25E-07	1.66E-06	9.78E-07
4861	491863.09, 3861877.25	1.04E-03	1.09E-06	6.32E-07	1.50E-07	1.47E-08	1.65E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	1.73E-06	1.05E-06
4862	492363.09, 3861877.25	1.30E-03	1.36E-06	7.89E-07	1.88E-07	1.83E-08	2.06E-07	1.25E-03	4.33E-07	1.31E-06	1.45E-08	1.69E-07	1.84E-07	1.86E-06	1.16E-06
4863	492863.09, 3861877.25	1.69E-03	1.76E-06	1.02E-06	2.42E-07	2.37E-08	2.66E-07	1.62E-03	5.61E-07	1.69E-06	1.87E-08	2.19E-07	2.38E-07	2.01E-06	1.31E-06
4864	493363.09, 3861877.25	2.28E-03	2.39E-06	1.38E-06	3.28E-07	3.21E-08	3.60E-07	2.19E-03	7.58E-07	2.29E-06	2.53E-08	2.96E-07	3.22E-07	2.24E-06	1.53E-06
4865	493863.09, 3861877.25	3.40E-03	3.55E-06	2.05E-06	4.88E-07	4.77E-08	5.36E-07	3.23E-03	1.12E-06	3.37E-06	3.73E-08	4.37E-07	4.74E-07	2.66E-06	1.95E-06
4866	494363.09, 3861877.25	6.16E-03	6.43E-06	3.72E-06	8.85E-07	8.66E-08	9.72E-07	5.79E-03	2.00E-06	6.05E-06	6.69E-08	7.84E-07	8.51E-07	3.67E-06	2.98E-06
4867	494863.09, 3861877.25	2.58E-02	2.70E-05	1.56E-05	3.71E-06	3.63E-07	4.07E-06	2.37E-02	8.19E-06	2.47E-05	2.73E-07	3.20E-06	3.48E-06	1.09E-05	1.02E-05
4868	495363.09, 3861877.25	2.87E-02	3.00E-05	1.74E-05	4.13E-06	4.04E-07	4.53E-06	2.77E-02	9.60E-06	2.90E-05	3.21E-07	3.76E-06	4.08E-06	1.23E-05	1.16E-05
4869	495863.09, 3861877.25	1.19E-02	1.25E-05	7.21E-06	1.71E-06	1.68E-07	1.88E-06	1.14E-02	3.95E-06	1.19E-05	1.32E-07	1.54E-06	1.68E-06	5.85E-06	5.17E-06
4870	496363.09, 3861877.25	7.50E-03	7.84E-06	4.54E-06	1.08E-06	1.05E-07	1.18E-06	7.16E-03	2.48E-06	7.49E-06	8.28E-08	9.70E-07	1.05E-06	4.15E-06	3.48E-06
4871	496863.09, 3861877.25	3.88E-03	4.06E-06	2.35E-06	5.59E-07	5.46E-08	6.13E-07	3.71E-03	1.29E-06	3.88E-06	4.29E-08	5.03E-07	5.46E-07	2.87E-06	2.16E-06
4872	497363.09, 3861877.25	4.08E-03	4.26E-06	2.47E-06	5.86E-07	5.73E-08	6.44E-07	3.90E-03	1.35E-06	4.08E-06	4.51E-08	5.28E-07	5.73E-07	2.87E-06	2.19E-06
4873	497863.09, 3861877.25	3.63E-03	3.80E-06	2.20E-06	5.22E-07	5.11E-08	5.74E-07	3.48E-03	1.20E-06	3.64E-06	4.02E-08	4.71E-07	5.12E-07	2.68E-06	2.02E-06
4874	498363.09, 3861877.25	3.16E-03	3.30E-06	1.91E-06	4.54E-07	4.44E-08	4.99E-07	3.03E-03	1.05E-06	3.16E-06	3.50E-08	4.10E-07	4.45E-07	2.50E-06	1.83E-06
4875	471363.09, 3862377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	6.21E-07	3.34E-07
4876	471863.09, 3862377.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	6.38E-07	3.43E-07
4877	472363.09, 3862377.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	6.52E-07	3.50E-07
4878	472863.09, 3862377.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	6.70E-07	3.60E-07
4879	473363.09, 3862377.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	6.93E-07	3.71E-07
4880	473863.09, 3862377.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	7.11E-07	3.80E-07
4881	474363.09, 3862377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	7.29E-07	3.90E-07
4882	474863.09, 3862377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	7.52E-07	4.02E-07
4883	475363.09, 3862377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.67E-07	4.10E-07
4884	475863.09, 3862377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	7.81E-07	4.18E-07
4885	476363.09, 3862377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	7.99E-07	4.27E-07
4886	476863.09, 3862377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	8.17E-07	4.37E-07
4887	477363.09, 3862377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	8.46E-07	4.51E-07
4888	477863.09, 3862377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	8.81E-07	4.65E-07
4889	478363.09, 3862377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	8.70E-07	4.57E-07
4890	478863.09, 3862377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	8.93E-07	4.69E-07
4891	479363.09, 3862377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	9.30E-07	4.89E-07
4892	479863.09, 3862377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	9.46E-07	5.04E-07
4893	480363.09, 3862377.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.30E-04	7.97E-08	2.41E-07	2.66E-09	3.12E-08	3.38E-08	9.32E-07	5.00E-07
4894	480863.09, 3862377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.38E-04	8.24E-08	2.49E-07	2.75E-09	3.22E-08	3.50E-08	9.35E-07	5.03E-07

4895	481363.09, 3862377.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	9.39E-07	5.06E-07
4896	481863.09, 3862377.25	2.55E-04	2.66E-07	1.54E-07	3.66E-08	3.58E-09	4.02E-08	2.57E-04	8.89E-08	2.69E-07	2.97E-09	3.48E-08	3.78E-08	9.51E-07	5.14E-07
4897	482363.09, 3862377.25	2.63E-04	2.75E-07	1.59E-07	3.78E-08	3.70E-09	4.15E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	9.69E-07	5.25E-07
4898	482863.09, 3862377.25	2.69E-04	2.82E-07	1.63E-07	3.87E-08	3.79E-09	4.25E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	9.83E-07	5.33E-07
4899	483363.09, 3862377.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	9.94E-07	5.40E-07
4900	483863.09, 3862377.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.87E-04	9.92E-08	3.00E-07	3.31E-09	3.88E-08	4.21E-08	9.86E-07	5.38E-07
4901	484363.09, 3862377.25	2.99E-04	3.12E-07	1.81E-07	4.30E-08	4.20E-09	4.72E-08	2.96E-04	1.02E-07	3.09E-07	3.42E-09	4.01E-08	4.35E-08	9.93E-07	5.43E-07
4902	484863.09, 3862377.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	3.09E-04	1.07E-07	3.23E-07	3.57E-09	4.18E-08	4.54E-08	9.86E-07	5.42E-07
4903	485363.09, 3862377.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	9.67E-07	5.35E-07
4904	485863.09, 3862377.25	3.31E-04	3.46E-07	2.00E-07	4.76E-08	4.66E-09	5.23E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	9.44E-07	5.26E-07
4905	486363.09, 3862377.25	3.46E-04	3.62E-07	2.09E-07	4.98E-08	4.87E-09	5.46E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	9.45E-07	5.28E-07
4906	486863.09, 3862377.25	3.62E-04	3.79E-07	2.19E-07	5.21E-08	5.10E-09	5.72E-08	3.59E-04	1.24E-07	3.75E-07	4.15E-09	4.86E-08	5.27E-08	9.49E-07	5.34E-07
4907	487363.09, 3862377.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	9.49E-07	5.38E-07
4908	487863.09, 3862377.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	4.03E-04	1.39E-07	4.21E-07	4.65E-09	5.45E-08	5.92E-08	9.56E-07	5.46E-07
4909	488363.09, 3862377.25	4.26E-04	4.45E-07	2.58E-07	6.13E-08	5.99E-09	6.73E-08	4.25E-04	1.47E-07	4.44E-07	4.91E-09	5.75E-08	6.24E-08	9.68E-07	5.56E-07
4910	488863.09, 3862377.25	4.52E-04	4.73E-07	2.74E-07	6.50E-08	6.36E-09	7.14E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	1.09E-06	6.23E-07
4911	489363.09, 3862377.25	4.85E-04	5.07E-07	2.93E-07	6.97E-08	6.82E-09	7.65E-08	4.82E-04	1.67E-07	5.04E-07	5.58E-09	6.53E-08	7.09E-08	1.38E-06	7.71E-07
4912	489863.09, 3862377.25	5.22E-04	5.46E-07	3.16E-07	7.51E-08	7.35E-09	8.25E-08	5.14E-04	1.78E-07	5.37E-07	5.94E-09	6.96E-08	7.55E-08	1.32E-06	7.47E-07
4913	490363.09, 3862377.25	5.68E-04	5.94E-07	3.44E-07	8.17E-08	7.99E-09	8.97E-08	5.48E-04	1.90E-07	5.73E-07	6.34E-09	7.42E-08	8.06E-08	1.32E-06	7.55E-07
4914	490863.09, 3862377.25	6.22E-04	6.50E-07	3.76E-07	8.94E-08	8.75E-09	9.82E-08	5.95E-04	2.06E-07	6.22E-07	6.88E-09	8.06E-08	8.75E-08	1.27E-06	7.41E-07
4915	491363.09, 3862377.25	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	6.58E-04	2.28E-07	6.88E-07	7.61E-09	8.91E-08	9.67E-08	1.26E-06	7.47E-07
4916	491863.09, 3862377.25	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	7.32E-04	2.53E-07	7.65E-07	8.46E-09	9.91E-08	1.08E-07	1.28E-06	7.70E-07
4917	492363.09, 3862377.25	8.46E-04	8.84E-07	5.12E-07	1.22E-07	1.19E-08	1.33E-07	8.19E-04	2.84E-07	8.56E-07	9.47E-09	1.11E-07	1.20E-07	1.33E-06	8.15E-07
4918	492863.09, 3862377.25	9.79E-04	1.02E-06	5.93E-07	1.41E-07	1.38E-08	1.55E-07	9.38E-04	3.25E-07	9.81E-07	1.08E-08	1.27E-07	1.38E-07	1.40E-06	8.73E-07
4919	493363.09, 3862377.25	1.14E-03	1.19E-06	6.88E-07	1.64E-07	1.60E-08	1.80E-07	1.09E-03	3.78E-07	1.14E-06	1.26E-08	1.48E-07	1.60E-07	1.46E-06	9.33E-07
4920	493863.09, 3862377.25	1.33E-03	1.39E-06	8.04E-07	1.91E-07	1.87E-08	2.10E-07	1.28E-03	4.43E-07	1.34E-06	1.48E-08	1.73E-07	1.88E-07	1.54E-06	1.01E-06
4921	494363.09, 3862377.25	1.61E-03	1.69E-06	9.77E-07	2.32E-07	2.27E-08	2.55E-07	1.55E-03	5.37E-07	1.62E-06	1.79E-08	2.10E-07	2.28E-07	1.66E-06	1.13E-06
4922	494863.09, 3862377.25	2.03E-03	2.12E-06	1.23E-06	2.92E-07	2.86E-08	3.21E-07	1.94E-03	6.72E-07	2.03E-06	2.25E-08	2.63E-07	2.86E-07	1.83E-06	1.29E-06
4923	495363.09, 3862377.25	2.65E-03	2.77E-06	1.60E-06	3.81E-07	3.72E-08	4.18E-07	2.52E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	2.05E-06	1.51E-06
4924	495863.09, 3862377.25	3.96E-03	4.14E-06	2.40E-06	5.70E-07	5.57E-08	6.25E-07	3.77E-03	1.30E-06	3.94E-06	4.35E-08	5.10E-07	5.54E-07	2.53E-06	2.00E-06
4925	496363.09, 3862377.25	7.84E-03	8.19E-06	4.74E-06	1.13E-06	1.10E-07	1.24E-06	7.47E-03	2.59E-06	7.81E-06	8.63E-08	1.01E-06	1.10E-06	4.00E-06	3.47E-06
4926	496863.09, 3862377.25	6.64E-02	6.94E-05	4.02E-05	9.55E-06	9.34E-07	1.05E-05	6.54E-02	2.26E-05	6.84E-05	7.56E-07	8.86E-06	9.62E-06	2.67E-05	2.62E-05
4927	497363.09, 3862377.25	4.08E-02	4.26E-05	2.47E-05	5.86E-06	5.73E-07	6.44E-06	3.88E-02	1.34E-05	4.05E-05	4.48E-07	5.25E-06	5.70E-06	1.65E-05	1.60E-05
4928	497863.09, 3862377.25	1.14E-01	1.19E-04	6.91E-05	1.64E-05	1.61E-06	1.80E-05	1.02E-01	3.53E-05	1.07E-04	1.18E-06	1.38E-05	1.50E-05	4.28E-05	4.23E-05
4929	498363.09, 3862377.25	1.39E-02	1.45E-05	8.38E-06	1.99E-06	1.95E-07	2.19E-06	1.34E-02	4.64E-06	1.40E-05	1.55E-07	1.82E-06	1.97E-06	6.32E-06	5.80E-06
4930	471363.09, 3862877.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	5.97E-07	3.22E-07
4931	471863.09, 3862877.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	6.12E-07	3.29E-07
4932	472363.09, 3862877.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	6.26E-07	3.37E-07
4933	472863.09, 3862877.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	6.44E-07	3.46E-07
4934	473363.09, 3862877.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	6.58E-07	3.54E-07
4935	473863.09, 3862877.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	6.76E-07	3.63E-07
4936	474363.09, 3862877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	6.90E-07	3.70E-07
4937	474863.09, 3862877.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	7.04E-07	3.78E-07
4938	475363.09, 3862877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	7.14E-07	3.83E-07
4939	475863.09, 3862877.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.80E-04	6.24E-08	1.88E-07	2.08E-09	2.44E-08	2.65E-08	7.28E-07	3.91E-07
4940	476363.09, 3862877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	7.38E-07	3.96E-07
4941	476863.09, 3862877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	7.56E-07	4.05E-07
4942	477363.09, 3862877.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	7.78E-07	4.17E-07
4943	477863.09, 3862877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	8.09E-07	4.31E-07
4944	478363.09, 3862877.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	8.21E-07	4.34E-07
4945	478863.09, 3862877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	8.35E-07	4.41E-07
4946	479363.09, 3862877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	8.54E-07	4.52E-07
4947	479863.09, 3862877.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	8.36E-07	4.49E-07
4948	480363.09, 3862877.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	8.31E-07	4.49E-07
4949	480863.09, 3862877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	8.33E-07	4.51E-07
4950	481363.09, 3862877.25	2.35E-04	2.46E-07	1.42E-07	3.38E-08	3.31E-09	3.71E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	8.28E-07	4.50E-07
4951	481863.09, 3862877.25	2.42E-04	2.52E-07	1.46E-07	3.47E-08	3.40E-09	3.81E-08	2.43E-04	8.41E-08	2.54E-07	2.81E-09	3.29E-08	3.57E-08	8.55E-07	4.65E-07
4952	482363.09, 3862877.25	2.50E-04	2.61E-07	1.51E-07	3.59E-08	3.51E-09	3.94E-08	2.49E-04	8.62E-08	2.60E-07	2.88E-09	3.37E-08	3.66E-08	8.53E-07	4.65E-07
4953	482863.09, 3862877.25	2.56E-04	2.68E-07	1.55E-07	3.69E-08	3.60E-09	4.05E-08	2.55E-04	8.84E-08	2.67E-07	2.95E-09	3.46E-08	3.75E-08	8.63E-07	4.71E-07
4954	483363.09, 3862877.25	2.63E-04	2.75E-07	1.59E-07	3.78E-08	3.70E-09	4.15E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	8.67E-07	4.75E-07
4955	483863.09, 3862877.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.69E-04	9.33E-08	2.82E-07	3.11E-09	3.65E-08	3.96E-08	8.55E-07	4.70E-07
4956	484363.09, 3862877.25	2.81E-04	2.93E-07	1.70E-07	4.04E-08	3.95E-09	4.43E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	8.52E-07	4.71E-07

4957	484863.09, 3862877.25	2.92E-04	3.05E-07	1.77E-07	4.20E-08	4.11E-09	4.61E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	8.30E-07	4.62E-07
4958	485363.09, 3862877.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	8.07E-07	4.53E-07
4959	485863.09, 3862877.25	3.12E-04	3.26E-07	1.89E-07	4.48E-08	4.38E-09	4.92E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	7.77E-07	4.40E-07
4960	486363.09, 3862877.25	3.23E-04	3.38E-07	1.96E-07	4.65E-08	4.54E-09	5.10E-08	3.16E-04	1.10E-07	3.31E-07	3.66E-09	4.29E-08	4.65E-08	7.64E-07	4.36E-07
4961	486863.09, 3862877.25	3.36E-04	3.51E-07	2.03E-07	4.84E-08	4.73E-09	5.31E-08	3.31E-04	1.14E-07	3.45E-07	3.82E-09	4.48E-08	4.86E-08	7.51E-07	4.32E-07
4962	487363.09, 3862877.25	3.53E-04	3.69E-07	2.13E-07	5.07E-08	4.96E-09	5.57E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	7.64E-07	4.42E-07
4963	487863.09, 3862877.25	3.69E-04	3.86E-07	2.23E-07	5.30E-08	5.19E-09	5.82E-08	3.67E-04	1.27E-07	3.83E-07	4.24E-09	4.96E-08	5.39E-08	7.74E-07	4.51E-07
4964	488363.09, 3862877.25	3.87E-04	4.04E-07	2.34E-07	5.56E-08	5.44E-09	6.11E-08	3.84E-04	1.33E-07	4.01E-07	4.44E-09	5.20E-08	5.64E-08	7.92E-07	4.63E-07
4965	488863.09, 3862877.25	4.05E-04	4.23E-07	2.45E-07	5.82E-08	5.69E-09	6.39E-08	4.04E-04	1.40E-07	4.22E-07	4.67E-09	5.47E-08	5.94E-08	8.68E-07	5.04E-07
4966	489363.09, 3862877.25	4.29E-04	4.49E-07	2.60E-07	6.17E-08	6.04E-09	6.78E-08	4.28E-04	1.48E-07	4.47E-07	4.94E-09	5.79E-08	6.29E-08	1.14E-06	6.41E-07
4967	489863.09, 3862877.25	4.59E-04	4.79E-07	2.78E-07	6.60E-08	6.45E-09	7.24E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	1.10E-06	6.26E-07
4968	490363.09, 3862877.25	4.90E-04	5.12E-07	2.96E-07	7.04E-08	6.89E-09	7.73E-08	4.78E-04	1.65E-07	4.99E-07	5.52E-09	6.47E-08	7.02E-08	1.11E-06	6.38E-07
4969	490863.09, 3862877.25	5.27E-04	5.51E-07	3.19E-07	7.58E-08	7.41E-09	8.32E-08	5.04E-04	1.75E-07	5.27E-07	5.83E-09	6.83E-08	7.41E-08	1.08E-06	6.29E-07
4970	491363.09, 3862877.25	5.63E-04	5.89E-07	3.41E-07	8.10E-08	7.92E-09	8.89E-08	5.37E-04	1.86E-07	5.62E-07	6.21E-09	7.28E-08	7.90E-08	1.04E-06	6.17E-07
4971	491863.09, 3862877.25	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	5.81E-04	2.01E-07	6.07E-07	6.72E-09	7.87E-08	8.54E-08	1.03E-06	6.17E-07
4972	492363.09, 3862877.25	6.43E-04	6.72E-07	3.89E-07	9.25E-08	9.04E-09	1.02E-07	6.28E-04	2.17E-07	6.57E-07	7.26E-09	8.51E-08	9.23E-08	1.04E-06	6.35E-07
4973	492863.09, 3862877.25	7.04E-04	7.35E-07	4.26E-07	1.01E-07	9.89E-09	1.11E-07	6.83E-04	2.36E-07	7.14E-07	7.90E-09	9.25E-08	1.00E-07	1.09E-06	6.67E-07
4974	493363.09, 3862877.25	7.83E-04	8.19E-07	4.74E-07	1.13E-07	1.10E-08	1.24E-07	7.50E-04	2.60E-07	7.84E-07	8.67E-09	1.02E-07	1.10E-07	1.12E-06	6.99E-07
4975	493863.09, 3862877.25	8.50E-04	8.89E-07	5.15E-07	1.22E-07	1.20E-08	1.34E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	1.15E-06	7.27E-07
4976	494363.09, 3862877.25	9.39E-04	9.81E-07	5.68E-07	1.35E-07	1.32E-08	1.48E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	1.19E-06	7.64E-07
4977	494863.09, 3862877.25	1.07E-03	1.12E-06	6.49E-07	1.54E-07	1.51E-08	1.69E-07	1.04E-03	3.59E-07	1.08E-06	1.20E-08	1.40E-07	1.52E-07	1.25E-06	8.18E-07
4978	495363.09, 3862877.25	1.22E-03	1.28E-06	7.40E-07	1.76E-07	1.72E-08	1.93E-07	1.18E-03	4.08E-07	1.23E-06	1.36E-08	1.60E-07	1.73E-07	1.32E-06	8.81E-07
4979	495863.09, 3862877.25	1.39E-03	1.45E-06	8.39E-07	1.99E-07	1.95E-08	2.19E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	1.38E-06	9.42E-07
4980	496363.09, 3862877.25	1.58E-03	1.65E-06	9.53E-07	2.27E-07	2.22E-08	2.49E-07	1.51E-03	5.21E-07	1.57E-06	1.74E-08	2.04E-07	2.21E-07	1.44E-06	1.01E-06
4981	496863.09, 3862877.25	1.82E-03	1.90E-06	1.10E-06	2.61E-07	2.56E-08	2.87E-07	1.74E-03	6.01E-07	1.81E-06	2.01E-08	2.35E-07	2.55E-07	1.52E-06	1.10E-06
4982	497363.09, 3862877.25	1.98E-03	2.07E-06	1.20E-06	2.85E-07	2.78E-08	3.13E-07	1.89E-03	6.54E-07	1.97E-06	2.18E-08	2.56E-07	2.78E-07	1.57E-06	1.15E-06
4983	497863.09, 3862877.25	1.98E-03	2.07E-06	1.20E-06	2.84E-07	2.78E-08	3.12E-07	1.89E-03	6.55E-07	1.98E-06	2.19E-08	2.56E-07	2.78E-07	1.57E-06	1.15E-06
4984	498363.09, 3862877.25	1.90E-03	1.99E-06	1.15E-06	2.73E-07	2.67E-08	3.00E-07	1.82E-03	6.29E-07	1.90E-06	2.10E-08	2.46E-07	2.67E-07	1.55E-06	1.13E-06
4985	471363.09, 3863377.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	5.76E-07	3.10E-07
4986	471863.09, 3863377.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	5.86E-07	3.16E-07
4987	472363.09, 3863377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	6.00E-07	3.23E-07
4988	472863.09, 3863377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	6.14E-07	3.30E-07
4989	473363.09, 3863377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	6.23E-07	3.36E-07
4990	473863.09, 3863377.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	6.37E-07	3.43E-07
4991	474363.09, 3863377.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	6.46E-07	3.48E-07
4992	474863.09, 3863377.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	6.52E-07	3.51E-07
4993	475363.09, 3863377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	6.65E-07	3.58E-07
4994	475863.09, 3863377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	6.75E-07	3.64E-07
4995	476363.09, 3863377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	6.81E-07	3.67E-07
4996	476863.09, 3863377.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	6.91E-07	3.73E-07
4997	477363.09, 3863377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	7.06E-07	3.81E-07
4998	477863.09, 3863377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	7.27E-07	3.91E-07
4999	478363.09, 3863377.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	7.54E-07	4.03E-07
5000	478863.09, 3863377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	7.60E-07	4.07E-07
5001	479363.09, 3863377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	7.57E-07	4.08E-07
5002	479863.09, 3863377.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	7.45E-07	4.04E-07
5003	480363.09, 3863377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	7.43E-07	4.04E-07
5004	480863.09, 3863377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	7.45E-07	4.06E-07
5005	481363.09, 3863377.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.24E-04	7.75E-08	2.34E-07	2.59E-09	3.03E-08	3.29E-08	7.39E-07	4.05E-07
5006	481863.09, 3863377.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.32E-04	8.03E-08	2.42E-07	2.68E-09	3.14E-08	3.41E-08	7.49E-07	4.11E-07
5007	482363.09, 3863377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.38E-04	8.24E-08	2.49E-07	2.75E-09	3.22E-08	3.50E-08	7.55E-07	4.15E-07
5008	482863.09, 3863377.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.43E-04	8.41E-08	2.54E-07	2.81E-09	3.29E-08	3.57E-08	7.54E-07	4.16E-07
5009	483363.09, 3863377.25	2.51E-04	2.63E-07	1.52E-07	3.61E-08	3.53E-09	3.97E-08	2.49E-04	8.62E-08	2.60E-07	2.88E-09	3.37E-08	3.66E-08	7.57E-07	4.19E-07
5010	483863.09, 3863377.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.55E-04	8.84E-08	2.67E-07	2.95E-09	3.46E-08	3.75E-08	7.49E-07	4.16E-07
5011	484363.09, 3863377.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	7.28E-07	4.08E-07
5012	484863.09, 3863377.25	2.76E-04	2.88E-07	1.67E-07	3.97E-08	3.88E-09	4.35E-08	2.73E-04	9.44E-08	2.85E-07	3.15E-09	3.69E-08	4.01E-08	7.05E-07	3.98E-07
5013	485363.09, 3863377.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.80E-04	9.71E-08	2.93E-07	3.24E-09	3.80E-08	4.12E-08	6.78E-07	3.87E-07
5014	485863.09, 3863377.25	2.94E-04	3.07E-07	1.78E-07	4.22E-08	4.13E-09	4.64E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	6.60E-07	3.80E-07
5015	486363.09, 3863377.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.95E-04	1.02E-07	3.08E-07	3.40E-09	3.99E-08	4.33E-08	6.38E-07	3.70E-07
5016	486863.09, 3863377.25	3.12E-04	3.26E-07	1.89E-07	4.48E-08	4.38E-09	4.92E-08	3.05E-04	1.06E-07	3.19E-07	3.53E-09	4.14E-08	4.49E-08	6.24E-07	3.65E-07
5017	487363.09, 3863377.25	3.25E-04	3.40E-07	1.97E-07	4.67E-08	4.57E-09	5.13E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	6.27E-07	3.69E-07
5018	487863.09, 3863377.25	3.38E-04	3.53E-07	2.04E-07	4.86E-08	4.75E-09	5.33E-08	3.34E-04	1.16E-07	3.49E-07	3.86E-09	4.52E-08	4.90E-08	6.43E-07	3.80E-07

5019	488363.09, 3863377.25	3.51E-04	3.67E-07	2.12E-07	5.05E-08	4.94E-09	5.54E-08	3.48E-04	1.20E-07	3.63E-07	4.02E-09	4.71E-08	5.11E-08	6.62E-07	3.92E-07
5020	488863.09, 3863377.25	3.66E-04	3.82E-07	2.21E-07	5.26E-08	5.14E-09	5.77E-08	3.63E-04	1.26E-07	3.80E-07	4.20E-09	4.92E-08	5.34E-08	7.14E-07	4.21E-07
5021	489363.09, 3863377.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.79E-04	1.31E-07	3.96E-07	4.38E-09	5.13E-08	5.57E-08	9.38E-07	5.33E-07
5022	489863.09, 3863377.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.98E-04	1.38E-07	4.16E-07	4.60E-09	5.39E-08	5.85E-08	9.06E-07	5.21E-07
5023	490363.09, 3863377.25	4.24E-04	4.44E-07	2.57E-07	6.10E-08	5.97E-09	6.70E-08	4.17E-04	1.44E-07	4.36E-07	4.82E-09	5.64E-08	6.12E-08	9.46E-07	5.45E-07
5024	490863.09, 3863377.25	4.49E-04	4.69E-07	2.72E-07	6.45E-08	6.31E-09	7.09E-08	4.34E-04	1.50E-07	4.54E-07	5.02E-09	5.88E-08	6.38E-08	9.49E-07	5.50E-07
5025	491363.09, 3863377.25	4.75E-04	4.96E-07	2.87E-07	6.83E-08	6.68E-09	7.50E-08	4.53E-04	1.57E-07	4.73E-07	5.23E-09	6.13E-08	6.65E-08	9.01E-07	5.31E-07
5026	491863.09, 3863377.25	4.99E-04	5.22E-07	3.02E-07	7.18E-08	7.02E-09	7.88E-08	4.76E-04	1.65E-07	4.98E-07	5.50E-09	6.45E-08	7.00E-08	8.64E-07	5.18E-07
5027	492363.09, 3863377.25	5.17E-04	5.41E-07	3.13E-07	7.44E-08	7.28E-09	8.17E-08	4.98E-04	1.72E-07	5.21E-07	5.76E-09	6.75E-08	7.32E-08	8.66E-07	5.23E-07
5028	492863.09, 3863377.25	5.01E-04	5.24E-07	3.03E-07	7.21E-08	7.05E-09	7.91E-08	4.90E-04	1.70E-07	5.12E-07	5.67E-09	6.64E-08	7.21E-08	8.84E-07	5.29E-07
5029	493363.09, 3863377.25	4.80E-04	5.02E-07	2.90E-07	6.90E-08	6.75E-09	7.58E-08	4.68E-04	1.62E-07	4.90E-07	5.41E-09	6.34E-08	6.88E-08	9.05E-07	5.35E-07
5030	493863.09, 3863377.25	5.16E-04	5.39E-07	3.12E-07	7.42E-08	7.25E-09	8.14E-08	4.95E-04	1.71E-07	5.17E-07	5.72E-09	6.70E-08	7.28E-08	9.24E-07	5.51E-07
5031	494363.09, 3863377.25	5.76E-04	6.02E-07	3.49E-07	8.29E-08	8.10E-09	9.10E-08	5.51E-04	1.91E-07	5.76E-07	6.37E-09	7.47E-08	8.10E-08	9.31E-07	5.66E-07
5032	494863.09, 3863377.25	5.81E-04	6.07E-07	3.52E-07	8.36E-08	8.17E-09	9.17E-08	5.62E-04	1.95E-07	5.88E-07	6.50E-09	7.62E-08	8.27E-08	9.43E-07	5.73E-07
5033	495363.09, 3863377.25	5.68E-04	5.94E-07	3.44E-07	8.17E-08	7.99E-09	8.97E-08	5.53E-04	1.91E-07	5.78E-07	6.39E-09	7.49E-08	8.13E-08	9.54E-07	5.77E-07
5034	495863.09, 3863377.25	5.76E-04	6.02E-07	3.49E-07	8.29E-08	8.10E-09	9.10E-08	5.62E-04	1.95E-07	5.88E-07	6.50E-09	7.62E-08	8.27E-08	9.78E-07	5.90E-07
5035	496363.09, 3863377.25	8.11E-04	8.48E-07	4.91E-07	1.17E-07	1.14E-08	1.28E-07	7.83E-04	2.71E-07	8.19E-07	9.05E-09	1.06E-07	1.15E-07	1.04E-06	6.64E-07
5036	496863.09, 3863377.25	8.41E-04	8.79E-07	5.09E-07	1.21E-07	1.18E-08	1.33E-07	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	1.03E-06	6.67E-07
5037	497363.09, 3863377.25	8.31E-04	8.68E-07	5.03E-07	1.19E-07	1.17E-08	1.31E-07	7.96E-04	2.75E-07	8.32E-07	9.20E-09	1.08E-07	1.17E-07	1.01E-06	6.56E-07
5038	497863.09, 3863377.25	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	7.71E-04	2.67E-07	8.06E-07	8.91E-09	1.04E-07	1.13E-07	9.97E-07	6.43E-07
5039	498363.09, 3863377.25	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.64E-04	2.65E-07	7.99E-07	8.84E-09	1.04E-07	1.12E-07	9.90E-07	6.38E-07
5040	471363.09, 3863877.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	5.50E-07	2.97E-07
5041	471863.09, 3863877.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	5.64E-07	3.04E-07
5042	472363.09, 3863877.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	5.73E-07	3.09E-07
5043	472863.09, 3863877.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	5.83E-07	3.14E-07
5044	473363.09, 3863877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	5.88E-07	3.17E-07
5045	473863.09, 3863877.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	6.01E-07	3.25E-07
5046	474363.09, 3863877.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	6.06E-07	3.27E-07
5047	474863.09, 3863877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	6.07E-07	3.28E-07
5048	475363.09, 3863877.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	6.17E-07	3.34E-07
5049	475863.09, 3863877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	6.19E-07	3.35E-07
5050	476363.09, 3863877.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	6.29E-07	3.41E-07
5051	476863.09, 3863877.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	6.31E-07	3.43E-07
5052	477363.09, 3863877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	6.45E-07	3.50E-07
5053	477863.09, 3863877.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.80E-04	6.24E-08	1.88E-07	2.08E-09	2.44E-08	2.65E-08	6.63E-07	3.59E-07
5054	478363.09, 3863877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	6.86E-07	3.70E-07
5055	478863.09, 3863877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	6.82E-07	3.70E-07
5056	479363.09, 3863877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	6.81E-07	3.70E-07
5057	479863.09, 3863877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	6.79E-07	3.71E-07
5058	480363.09, 3863877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	6.76E-07	3.70E-07
5059	480863.09, 3863877.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	6.65E-07	3.66E-07
5060	481363.09, 3863877.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	6.59E-07	3.64E-07
5061	481863.09, 3863877.25	2.22E-04	2.32E-07	1.34E-07	3.19E-08	3.12E-09	3.50E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	6.65E-07	3.68E-07
5062	482363.09, 3863877.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	6.71E-07	3.72E-07
5063	482863.09, 3863877.25	2.32E-04	2.42E-07	1.40E-07	3.33E-08	3.26E-09	3.66E-08	2.30E-04	7.97E-08	2.41E-07	2.66E-09	3.12E-08	3.38E-08	6.69E-07	3.72E-07
5064	483363.09, 3863877.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	6.69E-07	3.73E-07
5065	483863.09, 3863877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	6.55E-07	3.67E-07
5066	484363.09, 3863877.25	2.50E-04	2.61E-07	1.51E-07	3.59E-08	3.51E-09	3.94E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	6.24E-07	3.53E-07
5067	484863.09, 3863877.25	2.58E-04	2.70E-07	1.56E-07	3.71E-08	3.63E-09	4.07E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	6.00E-07	3.43E-07
5068	485363.09, 3863877.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.58E-04	8.95E-08	2.70E-07	2.99E-09	3.50E-08	3.80E-08	5.85E-07	3.37E-07
5069	485863.09, 3863877.25	2.71E-04	2.83E-07	1.64E-07	3.90E-08	3.81E-09	4.28E-08	2.65E-04	9.16E-08	2.77E-07	3.06E-09	3.59E-08	3.89E-08	5.75E-07	3.34E-07
5070	486363.09, 3863877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	5.49E-07	3.22E-07
5071	486863.09, 3863877.25	2.86E-04	2.99E-07	1.73E-07	4.11E-08	4.02E-09	4.51E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	5.25E-07	3.12E-07
5072	487363.09, 3863877.25	2.95E-04	3.09E-07	1.79E-07	4.25E-08	4.15E-09	4.66E-08	2.88E-04	9.98E-08	3.01E-07	3.33E-09	3.90E-08	4.24E-08	5.22E-07	3.13E-07
5073	487863.09, 3863877.25	3.07E-04	3.21E-07	1.86E-07	4.41E-08	4.32E-09	4.84E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	5.46E-07	3.26E-07
5074	488363.09, 3863877.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.13E-04	1.08E-07	3.27E-07	3.62E-09	4.24E-08	4.60E-08	5.62E-07	3.37E-07
5075	488863.09, 3863877.25	3.30E-04	3.45E-07	2.00E-07	4.74E-08	4.64E-09	5.21E-08	3.26E-04	1.13E-07	3.41E-07	3.77E-09	4.41E-08	4.79E-08	5.93E-07	3.54E-07
5076	489363.09, 3863877.25	3.43E-04	3.58E-07	2.07E-07	4.93E-08	4.82E-09	5.41E-08	3.40E-04	1.18E-07	3.55E-07	3.93E-09	4.60E-08	5.00E-08	6.47E-07	3.83E-07
5077	489863.09, 3863877.25	3.56E-04	3.72E-07	2.15E-07	5.12E-08	5.00E-09	5.62E-08	3.52E-04	1.22E-07	3.68E-07	4.07E-09	4.77E-08	5.18E-08	7.34E-07	4.28E-07
5078	490363.09, 3863877.25	3.71E-04	3.87E-07	2.24E-07	5.33E-08	5.21E-09	5.85E-08	3.65E-04	1.26E-07	3.81E-07	4.22E-09	4.94E-08	5.36E-08	8.05E-07	4.65E-07
5079	490863.09, 3863877.25	3.85E-04	4.03E-07	2.33E-07	5.54E-08	5.42E-09	6.08E-08	3.76E-04	1.30E-07	3.93E-07	4.35E-09	5.09E-08	5.53E-08	8.41E-07	4.86E-07
5080	491363.09, 3863877.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.85E-04	1.33E-07	4.03E-07	4.45E-09	5.22E-08	5.66E-08	8.16E-07	4.76E-07

5081	491863.09, 3863877.25	4.00E-04	4.18E-07	2.42E-07	5.75E-08	5.62E-09	6.31E-08	3.81E-04	1.32E-07	3.98E-07	4.40E-09	5.15E-08	5.60E-08	7.76E-07	4.56E-07
5082	492363.09, 3863877.25	3.57E-04	3.74E-07	2.16E-07	5.14E-08	5.03E-09	5.64E-08	3.37E-04	1.17E-07	3.52E-07	3.89E-09	4.56E-08	4.95E-08	7.50E-07	4.34E-07
5083	492863.09, 3863877.25	3.17E-04	3.31E-07	1.92E-07	4.55E-08	4.45E-09	5.00E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	7.38E-07	4.21E-07
5084	493363.09, 3863877.25	3.20E-04	3.34E-07	1.94E-07	4.60E-08	4.50E-09	5.05E-08	3.16E-04	1.10E-07	3.31E-07	3.66E-09	4.29E-08	4.65E-08	7.52E-07	4.30E-07
5085	493863.09, 3863877.25	3.44E-04	3.60E-07	2.08E-07	4.95E-08	4.84E-09	5.44E-08	3.41E-04	1.18E-07	3.57E-07	3.95E-09	4.62E-08	5.02E-08	7.68E-07	4.43E-07
5086	494363.09, 3863877.25	3.82E-04	3.99E-07	2.31E-07	5.49E-08	5.37E-09	6.03E-08	3.67E-04	1.27E-07	3.83E-07	4.24E-09	4.96E-08	5.39E-08	7.79E-07	4.54E-07
5087	494863.09, 3863877.25	3.95E-04	4.13E-07	2.39E-07	5.68E-08	5.55E-09	6.24E-08	3.74E-04	1.30E-07	3.91E-07	4.33E-09	5.07E-08	5.50E-08	7.80E-07	4.56E-07
5088	495363.09, 3863877.25	4.03E-04	4.21E-07	2.44E-07	5.80E-08	5.67E-09	6.36E-08	3.88E-04	1.34E-07	4.06E-07	4.49E-09	5.26E-08	5.71E-08	7.85E-07	4.61E-07
5089	495863.09, 3863877.25	4.02E-04	4.20E-07	2.43E-07	5.77E-08	5.65E-09	6.34E-08	3.93E-04	1.36E-07	4.11E-07	4.55E-09	5.32E-08	5.78E-08	7.93E-07	4.66E-07
5090	496363.09, 3863877.25	4.55E-04	4.76E-07	2.76E-07	6.55E-08	6.40E-09	7.19E-08	4.45E-04	1.54E-07	4.65E-07	5.14E-09	6.02E-08	6.54E-08	8.09E-07	4.84E-07
5091	496863.09, 3863877.25	5.16E-04	5.39E-07	3.12E-07	7.42E-08	7.25E-09	8.14E-08	5.01E-04	1.74E-07	5.24E-07	5.79E-09	6.79E-08	7.37E-08	8.28E-07	5.05E-07
5092	497363.09, 3863877.25	5.32E-04	5.56E-07	3.22E-07	7.65E-08	7.48E-09	8.40E-08	5.15E-04	1.78E-07	5.39E-07	5.96E-09	6.98E-08	7.58E-08	8.30E-07	5.09E-07
5093	497863.09, 3863877.25	5.26E-04	5.49E-07	3.18E-07	7.56E-08	7.39E-09	8.30E-08	5.06E-04	1.75E-07	5.29E-07	5.85E-09	6.85E-08	7.44E-08	8.19E-07	5.02E-07
5094	498363.09, 3863877.25	5.11E-04	5.34E-07	3.09E-07	7.35E-08	7.18E-09	8.07E-08	4.90E-04	1.70E-07	5.12E-07	5.67E-09	6.64E-08	7.21E-08	7.96E-07	4.88E-07
5095	471363.09, 3864377.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.41E-04	4.88E-08	1.47E-07	1.63E-09	1.91E-08	2.07E-08	5.28E-07	2.85E-07
5096	471863.09, 3864377.25	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.43E-04	4.93E-08	1.49E-07	1.65E-09	1.93E-08	2.10E-08	5.37E-07	2.90E-07
5097	472363.09, 3864377.25	1.49E-04	1.55E-07	8.99E-08	2.14E-08	2.09E-09	2.34E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	5.46E-07	2.95E-07
5098	472863.09, 3864377.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	5.51E-07	2.98E-07
5099	473363.09, 3864377.25	1.53E-04	1.60E-07	9.28E-08	2.21E-08	2.16E-09	2.42E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	5.56E-07	3.01E-07
5100	473863.09, 3864377.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	5.61E-07	3.04E-07
5101	474363.09, 3864377.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	5.62E-07	3.05E-07
5102	474863.09, 3864377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	5.64E-07	3.06E-07
5103	475363.09, 3864377.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	5.69E-07	3.09E-07
5104	475863.09, 3864377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	5.71E-07	3.11E-07
5105	476363.09, 3864377.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	5.77E-07	3.14E-07
5106	476863.09, 3864377.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	5.87E-07	3.20E-07
5107	477363.09, 3864377.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	5.93E-07	3.24E-07
5108	477863.09, 3864377.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	6.02E-07	3.29E-07
5109	478363.09, 3864377.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	6.12E-07	3.34E-07
5110	478863.09, 3864377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	6.17E-07	3.37E-07
5111	479363.09, 3864377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	6.19E-07	3.38E-07
5112	479863.09, 3864377.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	6.16E-07	3.38E-07
5113	480363.09, 3864377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	6.08E-07	3.35E-07
5114	480863.09, 3864377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	5.92E-07	3.28E-07
5115	481363.09, 3864377.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	5.86E-07	3.26E-07
5116	481863.09, 3864377.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	5.92E-07	3.30E-07
5117	482363.09, 3864377.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	5.94E-07	3.32E-07
5118	482863.09, 3864377.25	2.19E-04	2.29E-07	1.32E-07	3.15E-08	3.08E-09	3.45E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	5.93E-07	3.32E-07
5119	483363.09, 3864377.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	5.88E-07	3.30E-07
5120	483863.09, 3864377.25	2.29E-04	2.39E-07	1.38E-07	3.29E-08	3.21E-09	3.61E-08	2.24E-04	7.75E-08	2.34E-07	2.59E-09	3.03E-08	3.29E-08	5.69E-07	3.22E-07
5121	484363.09, 3864377.25	2.33E-04	2.44E-07	1.41E-07	3.36E-08	3.28E-09	3.68E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	5.41E-07	3.09E-07
5122	484863.09, 3864377.25	2.40E-04	2.51E-07	1.45E-07	3.45E-08	3.37E-09	3.79E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	5.21E-07	3.01E-07
5123	485363.09, 3864377.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.41E-04	8.35E-08	2.52E-07	2.79E-09	3.27E-08	3.55E-08	5.15E-07	2.99E-07
5124	485863.09, 3864377.25	2.53E-04	2.64E-07	1.53E-07	3.64E-08	3.56E-09	3.99E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	5.01E-07	2.94E-07
5125	486363.09, 3864377.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.52E-04	8.73E-08	2.64E-07	2.92E-09	3.42E-08	3.71E-08	4.78E-07	2.84E-07
5126	486863.09, 3864377.25	2.66E-04	2.78E-07	1.61E-07	3.83E-08	3.74E-09	4.20E-08	2.58E-04	8.95E-08	2.70E-07	2.99E-09	3.50E-08	3.80E-08	4.55E-07	2.74E-07
5127	487363.09, 3864377.25	2.73E-04	2.85E-07	1.65E-07	3.92E-08	3.83E-09	4.30E-08	2.66E-04	9.22E-08	2.78E-07	3.08E-09	3.61E-08	3.91E-08	4.50E-07	2.73E-07
5128	487863.09, 3864377.25	2.81E-04	2.93E-07	1.70E-07	4.04E-08	3.95E-09	4.43E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	4.67E-07	2.83E-07
5129	488363.09, 3864377.25	2.87E-04	3.00E-07	1.74E-07	4.13E-08	4.04E-09	4.54E-08	2.84E-04	9.82E-08	2.96E-07	3.28E-09	3.84E-08	4.17E-08	4.86E-07	2.94E-07
5130	488863.09, 3864377.25	2.95E-04	3.09E-07	1.79E-07	4.25E-08	4.15E-09	4.66E-08	2.91E-04	1.01E-07	3.05E-07	3.37E-09	3.95E-08	4.28E-08	5.09E-07	3.07E-07
5131	489363.09, 3864377.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.99E-04	1.04E-07	3.13E-07	3.46E-09	4.05E-08	4.40E-08	5.41E-07	3.23E-07
5132	489863.09, 3864377.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	6.10E-07	3.59E-07
5133	490363.09, 3864377.25	3.18E-04	3.33E-07	1.93E-07	4.58E-08	4.48E-09	5.02E-08	3.16E-04	1.10E-07	3.31E-07	3.66E-09	4.29E-08	4.65E-08	6.83E-07	3.96E-07
5134	490863.09, 3864377.25	3.28E-04	3.43E-07	1.99E-07	4.72E-08	4.61E-09	5.18E-08	3.23E-04	1.12E-07	3.37E-07	3.73E-09	4.37E-08	4.74E-08	7.41E-07	4.26E-07
5135	491363.09, 3864377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	3.07E-04	1.06E-07	3.21E-07	3.55E-09	4.16E-08	4.51E-08	7.72E-07	4.38E-07
5136	491863.09, 3864377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	6.83E-07	3.70E-07
5137	492363.09, 3864377.25	2.46E-04	2.58E-07	1.49E-07	3.54E-08	3.47E-09	3.89E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	6.91E-07	3.83E-07
5138	492863.09, 3864377.25	2.06E-04	2.15E-07	1.24E-07	2.96E-08	2.89E-09	3.25E-08	1.85E-04	6.40E-08	1.93E-07	2.14E-09	2.50E-08	2.72E-08	6.09E-07	3.35E-07
5139	493363.09, 3864377.25	2.27E-04	2.37E-07	1.37E-07	3.26E-08	3.19E-09	3.58E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	6.42E-07	3.57E-07
5140	493863.09, 3864377.25	2.53E-04	2.64E-07	1.53E-07	3.64E-08	3.56E-09	3.99E-08	2.54E-04	8.78E-08	2.65E-07	2.93E-09	3.44E-08	3.73E-08	6.53E-07	3.69E-07
5141	494363.09, 3864377.25	2.81E-04	2.93E-07	1.70E-07	4.04E-08	3.95E-09	4.43E-08	2.79E-04	9.65E-08	2.91E-07	3.22E-09	3.78E-08	4.10E-08	6.66E-07	3.80E-07
5142	494863.09, 3864377.25	3.10E-04	3.24E-07	1.88E-07	4.46E-08	4.36E-09	4.90E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	6.71E-07	3.87E-07

5143	495363.09, 3864377.25	3.15E-04	3.29E-07	1.91E-07	4.53E-08	4.43E-09	4.97E-08	2.98E-04	1.03E-07	3.11E-07	3.44E-09	4.03E-08	4.37E-08	6.73E-07	3.89E-07
5144	495863.09, 3864377.25	3.13E-04	3.28E-07	1.90E-07	4.51E-08	4.41E-09	4.95E-08	3.01E-04	1.04E-07	3.14E-07	3.48E-09	4.07E-08	4.42E-08	6.74E-07	3.89E-07
5145	496363.09, 3864377.25	3.26E-04	3.41E-07	1.98E-07	4.69E-08	4.59E-09	5.15E-08	3.18E-04	1.10E-07	3.32E-07	3.68E-09	4.31E-08	4.67E-08	6.79E-07	3.95E-07
5146	496863.09, 3864377.25	3.35E-04	3.50E-07	2.02E-07	4.81E-08	4.71E-09	5.28E-08	3.27E-04	1.13E-07	3.42E-07	3.78E-09	4.43E-08	4.81E-08	6.86E-07	4.00E-07
5147	497363.09, 3864377.25	3.64E-04	3.80E-07	2.20E-07	5.23E-08	5.12E-09	5.75E-08	3.57E-04	1.24E-07	3.73E-07	4.13E-09	4.84E-08	5.25E-08	6.98E-07	4.12E-07
5148	497863.09, 3864377.25	3.71E-04	3.87E-07	2.24E-07	5.33E-08	5.21E-09	5.85E-08	3.62E-04	1.25E-07	3.78E-07	4.18E-09	4.90E-08	5.32E-08	7.09E-07	4.18E-07
5149	498363.09, 3864377.25	3.93E-04	4.11E-07	2.38E-07	5.66E-08	5.53E-09	6.21E-08	3.82E-04	1.32E-07	4.00E-07	4.42E-09	5.18E-08	5.62E-08	7.05E-07	4.21E-07
5150	471363.09, 3864877.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	5.01E-07	2.71E-07
5151	471863.09, 3864877.25	1.42E-04	1.48E-07	8.59E-08	2.04E-08	2.00E-09	2.24E-08	1.39E-04	4.83E-08	1.46E-07	1.61E-09	1.89E-08	2.05E-08	5.10E-07	2.76E-07
5152	472363.09, 3864877.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.41E-04	4.88E-08	1.47E-07	1.63E-09	1.91E-08	2.07E-08	5.14E-07	2.79E-07
5153	472863.09, 3864877.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	5.20E-07	2.82E-07
5154	473363.09, 3864877.25	1.49E-04	1.55E-07	8.99E-08	2.14E-08	2.09E-09	2.34E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	5.21E-07	2.83E-07
5155	473863.09, 3864877.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	5.22E-07	2.84E-07
5156	474363.09, 3864877.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	5.23E-07	2.85E-07
5157	474863.09, 3864877.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	5.24E-07	2.86E-07
5158	475363.09, 3864877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	5.26E-07	2.87E-07
5159	475863.09, 3864877.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	5.28E-07	2.89E-07
5160	476363.09, 3864877.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	5.37E-07	2.94E-07
5161	476863.09, 3864877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	5.47E-07	2.99E-07
5162	477363.09, 3864877.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	5.56E-07	3.04E-07
5163	477863.09, 3864877.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	5.61E-07	3.07E-07
5164	478363.09, 3864877.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	5.62E-07	3.08E-07
5165	478863.09, 3864877.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	5.64E-07	3.09E-07
5166	479363.09, 3864877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	5.60E-07	3.08E-07
5167	479863.09, 3864877.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.80E-04	6.24E-08	1.88E-07	2.08E-09	2.44E-08	2.65E-08	5.53E-07	3.05E-07
5168	480363.09, 3864877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	5.45E-07	3.02E-07
5169	480863.09, 3864877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	5.29E-07	2.95E-07
5170	481363.09, 3864877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	5.27E-07	2.95E-07
5171	481863.09, 3864877.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	5.30E-07	2.97E-07
5172	482363.09, 3864877.25	2.02E-04	2.12E-07	1.22E-07	2.91E-08	2.85E-09	3.20E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	5.32E-07	2.99E-07
5173	482863.09, 3864877.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	5.30E-07	2.99E-07
5174	483363.09, 3864877.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	2.08E-04	7.21E-08	2.18E-07	2.41E-09	2.82E-08	3.06E-08	5.20E-07	2.95E-07
5175	483863.09, 3864877.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	5.00E-07	2.86E-07
5176	484363.09, 3864877.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	4.79E-07	2.77E-07
5177	484863.09, 3864877.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	4.64E-07	2.70E-07
5178	485363.09, 3864877.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.26E-04	7.81E-08	2.36E-07	2.61E-09	3.05E-08	3.32E-08	4.58E-07	2.69E-07
5179	485863.09, 3864877.25	2.35E-04	2.46E-07	1.42E-07	3.38E-08	3.31E-09	3.71E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	4.43E-07	2.62E-07
5180	486363.09, 3864877.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.32E-04	8.03E-08	2.42E-07	2.68E-09	3.14E-08	3.41E-08	4.24E-07	2.53E-07
5181	486863.09, 3864877.25	2.43E-04	2.54E-07	1.47E-07	3.50E-08	3.42E-09	3.84E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	3.99E-07	2.42E-07
5182	487363.09, 3864877.25	2.48E-04	2.59E-07	1.50E-07	3.57E-08	3.49E-09	3.92E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	3.97E-07	2.42E-07
5183	487863.09, 3864877.25	2.53E-04	2.64E-07	1.53E-07	3.64E-08	3.56E-09	3.99E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	4.05E-07	2.47E-07
5184	488363.09, 3864877.25	2.60E-04	2.71E-07	1.57E-07	3.73E-08	3.65E-09	4.10E-08	2.54E-04	8.78E-08	2.65E-07	2.93E-09	3.44E-08	3.73E-08	4.19E-07	2.55E-07
5185	488863.09, 3864877.25	2.64E-04	2.76E-07	1.60E-07	3.80E-08	3.72E-09	4.17E-08	2.60E-04	9.00E-08	2.72E-07	3.01E-09	3.52E-08	3.82E-08	4.37E-07	2.65E-07
5186	489363.09, 3864877.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.66E-04	9.22E-08	2.78E-07	3.08E-09	3.61E-08	3.91E-08	4.64E-07	2.79E-07
5187	489863.09, 3864877.25	2.73E-04	2.85E-07	1.65E-07	3.92E-08	3.83E-09	4.30E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	5.16E-07	3.05E-07
5188	490363.09, 3864877.25	2.79E-04	2.92E-07	1.69E-07	4.01E-08	3.93E-09	4.41E-08	2.77E-04	9.60E-08	2.90E-07	3.21E-09	3.75E-08	4.08E-08	5.83E-07	3.40E-07
5189	490863.09, 3864877.25	2.40E-04	2.51E-07	1.45E-07	3.45E-08	3.37E-09	3.79E-08	2.41E-04	8.35E-08	2.52E-07	2.79E-09	3.27E-08	3.55E-08	6.84E-07	3.81E-07
5190	491363.09, 3864877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.71E-04	9.38E-08	2.83E-07	3.13E-09	3.67E-08	3.98E-08	7.08E-07	4.00E-07
5191	491863.09, 3864877.25	2.42E-04	2.52E-07	1.46E-07	3.47E-08	3.40E-09	3.81E-08	2.33E-04	8.08E-08	2.44E-07	2.70E-09	3.16E-08	3.43E-08	7.05E-07	3.91E-07
5192	492363.09, 3864877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.43E-04	4.93E-08	1.49E-07	1.65E-09	1.93E-08	2.10E-08	4.79E-07	2.63E-07
5193	492863.09, 3864877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	5.10E-07	2.80E-07
5194	493363.09, 3864877.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.79E-07	2.64E-07
5195	493863.09, 3864877.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	5.67E-07	3.16E-07
5196	494363.09, 3864877.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.29E-04	7.92E-08	2.39E-07	2.64E-09	3.10E-08	3.36E-08	5.76E-07	3.26E-07
5197	494863.09, 3864877.25	2.40E-04	2.51E-07	1.45E-07	3.45E-08	3.37E-09	3.79E-08	2.40E-04	8.30E-08	2.51E-07	2.77E-09	3.25E-08	3.52E-08	5.79E-07	3.30E-07
5198	495363.09, 3864877.25	2.55E-04	2.66E-07	1.54E-07	3.66E-08	3.58E-09	4.02E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	5.87E-07	3.36E-07
5199	495863.09, 3864877.25	2.74E-04	2.87E-07	1.66E-07	3.94E-08	3.86E-09	4.33E-08	2.62E-04	9.06E-08	2.73E-07	3.02E-09	3.54E-08	3.85E-08	5.86E-07	3.39E-07
5200	496363.09, 3864877.25	2.61E-04	2.73E-07	1.58E-07	3.76E-08	3.67E-09	4.12E-08	2.48E-04	8.57E-08	2.59E-07	2.86E-09	3.35E-08	3.64E-08	5.94E-07	3.40E-07
5201	496863.09, 3864877.25	2.61E-04	2.73E-07	1.58E-07	3.76E-08	3.67E-09	4.12E-08	2.54E-04	8.78E-08	2.65E-07	2.93E-09	3.44E-08	3.73E-08	5.95E-07	3.41E-07
5202	497363.09, 3864877.25	2.68E-04	2.80E-07	1.62E-07	3.85E-08	3.76E-09	4.23E-08	2.63E-04	9.11E-08	2.75E-07	3.04E-09	3.56E-08	3.87E-08	6.02E-07	3.46E-07
5203	497863.09, 3864877.25	2.77E-04	2.90E-07	1.68E-07	3.99E-08	3.90E-09	4.38E-08	2.74E-04	9.49E-08	2.87E-07	3.17E-09	3.71E-08	4.03E-08	6.14E-07	3.54E-07
5204	498363.09, 3864877.25	3.02E-04	3.16E-07	1.83E-07	4.34E-08	4.25E-09	4.77E-08	2.96E-04	1.02E-07	3.09E-07	3.42E-09	4.01E-08	4.35E-08	6.19E-07	3.61E-07

5205	471363.09, 3865377.25	1.35E-04	1.42E-07	8.20E-08	1.95E-08	1.91E-09	2.14E-08	1.33E-04	4.61E-08	1.39E-07	1.54E-09	1.80E-08	1.96E-08	4.78E-07	2.59E-07
5206	471863.09, 3865377.25	1.37E-04	1.43E-07	8.30E-08	1.97E-08	1.93E-09	2.16E-08	1.35E-04	4.66E-08	1.41E-07	1.56E-09	1.82E-08	1.98E-08	4.82E-07	2.62E-07
5207	472363.09, 3865377.25	1.39E-04	1.45E-07	8.39E-08	2.00E-08	1.95E-09	2.19E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.83E-07	2.63E-07
5208	472863.09, 3865377.25	1.42E-04	1.48E-07	8.59E-08	2.04E-08	2.00E-09	2.24E-08	1.39E-04	4.83E-08	1.46E-07	1.61E-09	1.89E-08	2.05E-08	4.89E-07	2.66E-07
5209	473363.09, 3865377.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.41E-04	4.88E-08	1.47E-07	1.63E-09	1.91E-08	2.07E-08	4.86E-07	2.65E-07
5210	473863.09, 3865377.25	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.43E-04	4.93E-08	1.49E-07	1.65E-09	1.93E-08	2.10E-08	4.87E-07	2.66E-07
5211	474363.09, 3865377.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	4.88E-07	2.67E-07
5212	474863.09, 3865377.25	1.49E-04	1.55E-07	8.99E-08	2.14E-08	2.09E-09	2.34E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	4.89E-07	2.68E-07
5213	475363.09, 3865377.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.91E-07	2.69E-07
5214	475863.09, 3865377.25	1.53E-04	1.60E-07	9.28E-08	2.21E-08	2.16E-09	2.42E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	4.96E-07	2.72E-07
5215	476363.09, 3865377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	5.14E-07	2.81E-07
5216	476863.09, 3865377.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	5.37E-07	2.92E-07
5217	477363.09, 3865377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	5.24E-07	2.87E-07
5218	477863.09, 3865377.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	5.21E-07	2.86E-07
5219	478363.09, 3865377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	5.22E-07	2.87E-07
5220	478863.09, 3865377.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	5.14E-07	2.84E-07
5221	479363.09, 3865377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	5.10E-07	2.83E-07
5222	479863.09, 3865377.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	5.03E-07	2.79E-07
5223	480363.09, 3865377.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	4.87E-07	2.72E-07
5224	480863.09, 3865377.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	4.76E-07	2.68E-07
5225	481363.09, 3865377.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	4.73E-07	2.67E-07
5226	481863.09, 3865377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	4.75E-07	2.69E-07
5227	482363.09, 3865377.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.88E-04	6.51E-08	1.96E-07	2.17E-09	2.55E-08	2.76E-08	4.77E-07	2.70E-07
5228	482863.09, 3865377.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	4.75E-07	2.70E-07
5229	483363.09, 3865377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	4.64E-07	2.65E-07
5230	483863.09, 3865377.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	4.47E-07	2.58E-07
5231	484363.09, 3865377.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.99E-04	6.89E-08	2.08E-07	2.30E-09	2.69E-08	2.92E-08	4.30E-07	2.50E-07
5232	484863.09, 3865377.25	2.09E-04	2.18E-07	1.26E-07	3.00E-08	2.94E-09	3.30E-08	2.04E-04	7.05E-08	2.13E-07	2.35E-09	2.76E-08	2.99E-08	4.20E-07	2.46E-07
5233	485363.09, 3865377.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.07E-04	7.16E-08	2.16E-07	2.39E-09	2.80E-08	3.04E-08	4.04E-07	2.39E-07
5234	485863.09, 3865377.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.11E-04	7.32E-08	2.21E-07	2.44E-09	2.86E-08	3.11E-08	3.93E-07	2.34E-07
5235	486363.09, 3865377.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.13E-04	7.37E-08	2.23E-07	2.46E-09	2.89E-08	3.13E-08	3.79E-07	2.28E-07
5236	486863.09, 3865377.25	2.22E-04	2.32E-07	1.34E-07	3.19E-08	3.12E-09	3.50E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	3.58E-07	2.18E-07
5237	487363.09, 3865377.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.19E-04	7.59E-08	2.29E-07	2.54E-09	2.97E-08	3.22E-08	3.54E-07	2.17E-07
5238	487863.09, 3865377.25	2.30E-04	2.41E-07	1.39E-07	3.31E-08	3.24E-09	3.63E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	3.58E-07	2.19E-07
5239	488363.09, 3865377.25	2.33E-04	2.44E-07	1.41E-07	3.36E-08	3.28E-09	3.68E-08	2.27E-04	7.86E-08	2.37E-07	2.63E-09	3.08E-08	3.34E-08	3.66E-07	2.24E-07
5240	488863.09, 3865377.25	2.38E-04	2.49E-07	1.44E-07	3.43E-08	3.35E-09	3.76E-08	2.35E-04	8.13E-08	2.46E-07	2.72E-09	3.18E-08	3.45E-08	3.81E-07	2.33E-07
5241	489363.09, 3865377.25	2.45E-04	2.56E-07	1.48E-07	3.52E-08	3.44E-09	3.87E-08	2.41E-04	8.35E-08	2.52E-07	2.79E-09	3.27E-08	3.55E-08	4.08E-07	2.47E-07
5242	489863.09, 3865377.25	2.48E-04	2.59E-07	1.50E-07	3.57E-08	3.49E-09	3.92E-08	2.46E-04	8.51E-08	2.57E-07	2.84E-09	3.33E-08	3.61E-08	4.47E-07	2.67E-07
5243	490363.09, 3865377.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	5.19E-07	2.97E-07
5244	490863.09, 3865377.25	2.14E-04	2.23E-07	1.29E-07	3.07E-08	3.01E-09	3.38E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	5.90E-07	3.30E-07
5245	491363.09, 3865377.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	6.47E-07	3.57E-07
5246	491863.09, 3865377.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	6.59E-07	3.63E-07
5247	492363.09, 3865377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	6.29E-07	3.43E-07
5248	492863.09, 3865377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	5.34E-07	2.91E-07
5249	493363.09, 3865377.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.40E-07	2.43E-07
5250	493863.09, 3865377.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	4.82E-07	2.67E-07
5251	494363.09, 3865377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	5.03E-07	2.81E-07
5252	494863.09, 3865377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	5.08E-07	2.87E-07
5253	495363.09, 3865377.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	5.14E-07	2.91E-07
5254	495863.09, 3865377.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.18E-04	7.54E-08	2.28E-07	2.52E-09	2.95E-08	3.20E-08	5.21E-07	2.98E-07
5255	496363.09, 3865377.25	2.15E-04	2.25E-07	1.30E-07	3.10E-08	3.03E-09	3.40E-08	2.02E-04	7.00E-08	2.11E-07	2.34E-09	2.74E-08	2.97E-08	5.21E-07	2.95E-07
5256	496863.09, 3865377.25	2.11E-04	2.20E-07	1.27E-07	3.03E-08	2.96E-09	3.32E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	5.27E-07	2.97E-07
5257	497363.09, 3865377.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	5.34E-07	3.04E-07
5258	497863.09, 3865377.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	5.39E-07	3.07E-07
5259	498363.09, 3865377.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.18E-04	7.54E-08	2.28E-07	2.52E-09	2.95E-08	3.20E-08	5.45E-07	3.09E-07
5260	471363.09, 3865877.25	1.31E-04	1.36E-07	7.90E-08	1.88E-08	1.84E-09	2.06E-08	1.28E-04	4.45E-08	1.34E-07	1.48E-09	1.74E-08	1.89E-08	4.51E-07	2.45E-07
5261	471863.09, 3865877.25	1.34E-04	1.40E-07	8.10E-08	1.92E-08	1.88E-09	2.11E-08	1.32E-04	4.56E-08	1.38E-07	1.52E-09	1.78E-08	1.93E-08	4.52E-07	2.47E-07
5262	472363.09, 3865877.25	1.35E-04	1.42E-07	8.20E-08	1.95E-08	1.91E-09	2.14E-08	1.33E-04	4.61E-08	1.39E-07	1.54E-09	1.80E-08	1.96E-08	4.57E-07	2.49E-07
5263	472863.09, 3865877.25	1.37E-04	1.43E-07	8.30E-08	1.97E-08	1.93E-09	2.16E-08	1.35E-04	4.66E-08	1.41E-07	1.56E-09	1.82E-08	1.98E-08	4.54E-07	2.48E-07
5264	473363.09, 3865877.25	1.39E-04	1.45E-07	8.39E-08	2.00E-08	1.95E-09	2.19E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.55E-07	2.49E-07
5265	473863.09, 3865877.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.39E-04	4.83E-08	1.46E-07	1.61E-09	1.89E-08	2.05E-08	4.56E-07	2.50E-07
5266	474363.09, 3865877.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.41E-04	4.88E-08	1.47E-07	1.63E-09	1.91E-08	2.07E-08	4.57E-07	2.51E-07

5267	474863.09, 3865877.25	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	4.63E-07	2.54E-07
5268	475363.09, 3865877.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	4.63E-07	2.55E-07
5269	475863.09, 3865877.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	4.69E-07	2.58E-07
5270	476363.09, 3865877.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.49E-04	5.15E-08	1.56E-07	1.72E-09	2.02E-08	2.19E-08	4.90E-07	2.69E-07
5271	476863.09, 3865877.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	5.05E-07	2.76E-07
5272	477363.09, 3865877.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	4.93E-07	2.71E-07
5273	477863.09, 3865877.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	4.85E-07	2.68E-07
5274	478363.09, 3865877.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.58E-04	5.48E-08	1.65E-07	1.83E-09	2.14E-08	2.33E-08	4.81E-07	2.66E-07
5275	478863.09, 3865877.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	4.73E-07	2.63E-07
5276	479363.09, 3865877.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	4.65E-07	2.59E-07
5277	479863.09, 3865877.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	4.53E-07	2.53E-07
5278	480363.09, 3865877.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	4.41E-07	2.48E-07
5279	480863.09, 3865877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	4.30E-07	2.43E-07
5280	481363.09, 3865877.25	1.75E-04	1.83E-07	1.06E-07	2.51E-08	2.46E-09	2.76E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	4.28E-07	2.43E-07
5281	481863.09, 3865877.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	4.29E-07	2.44E-07
5282	482363.09, 3865877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	4.31E-07	2.45E-07
5283	482863.09, 3865877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	4.24E-07	2.42E-07
5284	483363.09, 3865877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	4.16E-07	2.39E-07
5285	483863.09, 3865877.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	4.03E-07	2.33E-07
5286	484363.09, 3865877.25	1.91E-04	2.00E-07	1.16E-07	2.75E-08	2.69E-09	3.01E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	3.91E-07	2.28E-07
5287	484863.09, 3865877.25	1.94E-04	2.03E-07	1.18E-07	2.79E-08	2.73E-09	3.07E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	3.76E-07	2.22E-07
5288	485363.09, 3865877.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.91E-04	6.62E-08	2.00E-07	2.21E-09	2.59E-08	2.81E-08	3.60E-07	2.14E-07
5289	485863.09, 3865877.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.94E-04	6.72E-08	2.03E-07	2.25E-09	2.63E-08	2.86E-08	3.53E-07	2.11E-07
5290	486363.09, 3865877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	3.38E-07	2.04E-07
5291	486863.09, 3865877.25	2.04E-04	2.13E-07	1.23E-07	2.93E-08	2.87E-09	3.22E-08	1.97E-04	6.83E-08	2.06E-07	2.28E-09	2.67E-08	2.90E-08	3.29E-07	2.00E-07
5292	487363.09, 3865877.25	2.07E-04	2.17E-07	1.25E-07	2.98E-08	2.92E-09	3.27E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	3.25E-07	1.99E-07
5293	487863.09, 3865877.25	2.12E-04	2.22E-07	1.28E-07	3.05E-08	2.98E-09	3.35E-08	2.05E-04	7.10E-08	2.14E-07	2.37E-09	2.78E-08	3.02E-08	3.21E-07	1.98E-07
5294	488363.09, 3865877.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.10E-04	7.27E-08	2.19E-07	2.43E-09	2.84E-08	3.09E-08	3.22E-07	1.99E-07
5295	488863.09, 3865877.25	2.20E-04	2.30E-07	1.33E-07	3.17E-08	3.10E-09	3.48E-08	2.16E-04	7.48E-08	2.26E-07	2.50E-09	2.93E-08	3.18E-08	3.36E-07	2.07E-07
5296	489363.09, 3865877.25	2.24E-04	2.34E-07	1.35E-07	3.22E-08	3.14E-09	3.53E-08	2.21E-04	7.65E-08	2.31E-07	2.55E-09	2.99E-08	3.25E-08	3.58E-07	2.19E-07
5297	489863.09, 3865877.25	2.25E-04	2.35E-07	1.36E-07	3.24E-08	3.17E-09	3.56E-08	2.22E-04	7.70E-08	2.33E-07	2.57E-09	3.01E-08	3.27E-08	3.92E-07	2.36E-07
5298	490363.09, 3865877.25	2.17E-04	2.27E-07	1.31E-07	3.12E-08	3.05E-09	3.43E-08	2.15E-04	7.43E-08	2.24E-07	2.48E-09	2.91E-08	3.15E-08	4.42E-07	2.58E-07
5299	490863.09, 3865877.25	2.01E-04	2.10E-07	1.21E-07	2.89E-08	2.82E-09	3.17E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	5.06E-07	2.86E-07
5300	491363.09, 3865877.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	5.70E-07	3.15E-07
5301	491863.09, 3865877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	6.06E-07	3.32E-07
5302	492363.09, 3865877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	6.05E-07	3.30E-07
5303	492863.09, 3865877.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	5.44E-07	2.95E-07
5304	493363.09, 3865877.25	1.53E-04	1.60E-07	9.28E-08	2.21E-08	2.16E-09	2.42E-08	1.38E-04	4.77E-08	1.44E-07	1.59E-09	1.87E-08	2.03E-08	4.75E-07	2.60E-07
5305	493863.09, 3865877.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	4.53E-07	2.51E-07
5306	494363.09, 3865877.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	4.58E-07	2.55E-07
5307	494863.09, 3865877.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	4.57E-07	2.59E-07
5308	495363.09, 3865877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	4.57E-07	2.59E-07
5309	495863.09, 3865877.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	4.64E-07	2.62E-07
5310	496363.09, 3865877.25	1.81E-04	1.89E-07	1.10E-07	2.61E-08	2.55E-09	2.86E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	4.65E-07	2.62E-07
5311	496863.09, 3865877.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	4.68E-07	2.62E-07
5312	497363.09, 3865877.25	1.84E-04	1.93E-07	1.12E-07	2.65E-08	2.59E-09	2.91E-08	1.71E-04	5.91E-08	1.78E-07	1.97E-09	2.31E-08	2.51E-08	4.75E-07	2.66E-07
5313	497863.09, 3865877.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.79E-04	6.18E-08	1.87E-07	2.06E-09	2.42E-08	2.62E-08	4.77E-07	2.69E-07
5314	498363.09, 3865877.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	4.84E-07	2.69E-07
5315	471363.09, 3866377.25	1.29E-04	1.35E-07	7.80E-08	1.85E-08	1.81E-09	2.04E-08	1.25E-04	4.34E-08	1.31E-07	1.45E-09	1.70E-08	1.84E-08	4.29E-07	2.34E-07
5316	471863.09, 3866377.25	1.31E-04	1.36E-07	7.90E-08	1.88E-08	1.84E-09	2.06E-08	1.27E-04	4.39E-08	1.33E-07	1.47E-09	1.72E-08	1.87E-08	4.30E-07	2.35E-07
5317	472363.09, 3866377.25	1.32E-04	1.38E-07	8.00E-08	1.90E-08	1.86E-09	2.09E-08	1.30E-04	4.50E-08	1.36E-07	1.50E-09	1.76E-08	1.91E-08	4.31E-07	2.36E-07
5318	472863.09, 3866377.25	1.34E-04	1.40E-07	8.10E-08	1.92E-08	1.88E-09	2.11E-08	1.32E-04	4.56E-08	1.38E-07	1.52E-09	1.78E-08	1.93E-08	4.28E-07	2.35E-07
5319	473363.09, 3866377.25	1.35E-04	1.42E-07	8.20E-08	1.95E-08	1.91E-09	2.14E-08	1.33E-04	4.61E-08	1.39E-07	1.54E-09	1.80E-08	1.96E-08	4.29E-07	2.36E-07
5320	473863.09, 3866377.25	1.37E-04	1.43E-07	8.30E-08	1.97E-08	1.93E-09	2.16E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.30E-07	2.37E-07
5321	474363.09, 3866377.25	1.40E-04	1.47E-07	8.49E-08	2.02E-08	1.97E-09	2.22E-08	1.38E-04	4.77E-08	1.44E-07	1.59E-09	1.87E-08	2.03E-08	4.31E-07	2.38E-07
5322	474863.09, 3866377.25	1.42E-04	1.48E-07	8.59E-08	2.04E-08	2.00E-09	2.24E-08	1.39E-04	4.83E-08	1.46E-07	1.61E-09	1.89E-08	2.05E-08	4.32E-07	2.38E-07
5323	475363.09, 3866377.25	1.44E-04	1.50E-07	8.69E-08	2.07E-08	2.02E-09	2.27E-08	1.41E-04	4.88E-08	1.47E-07	1.63E-09	1.91E-08	2.07E-08	4.32E-07	2.39E-07
5324	475863.09, 3866377.25	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.43E-04	4.93E-08	1.49E-07	1.65E-09	1.93E-08	2.10E-08	4.37E-07	2.42E-07
5325	476363.09, 3866377.25	1.47E-04	1.54E-07	8.89E-08	2.11E-08	2.07E-09	2.32E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	4.55E-07	2.50E-07
5326	476863.09, 3866377.25	1.42E-04	1.48E-07	8.59E-08	2.04E-08	2.00E-09	2.24E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.73E-07	2.58E-07
5327	477363.09, 3866377.25	1.49E-04	1.55E-07	8.99E-08	2.14E-08	2.09E-09	2.34E-08	1.44E-04	4.99E-08	1.51E-07	1.67E-09	1.95E-08	2.12E-08	4.68E-07	2.57E-07
5328	477863.09, 3866377.25	1.52E-04	1.59E-07	9.19E-08	2.18E-08	2.13E-09	2.40E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.52E-07	2.50E-07

5329	478363.09, 3866377.25	1.53E-04	1.60E-07	9.28E-08	2.21E-08	2.16E-09	2.42E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.44E-07	2.46E-07
5330	478863.09, 3866377.25	1.55E-04	1.62E-07	9.38E-08	2.23E-08	2.18E-09	2.45E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	4.36E-07	2.43E-07
5331	479363.09, 3866377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	4.23E-07	2.37E-07
5332	479863.09, 3866377.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	4.12E-07	2.32E-07
5333	480363.09, 3866377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.57E-04	5.42E-08	1.64E-07	1.81E-09	2.12E-08	2.30E-08	4.00E-07	2.26E-07
5334	480863.09, 3866377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	3.89E-07	2.21E-07
5335	481363.09, 3866377.25	1.65E-04	1.72E-07	9.98E-08	2.37E-08	2.32E-09	2.60E-08	1.63E-04	5.64E-08	1.70E-07	1.88E-09	2.21E-08	2.39E-08	3.91E-07	2.23E-07
5336	481863.09, 3866377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.64E-04	5.69E-08	1.72E-07	1.90E-09	2.23E-08	2.42E-08	3.92E-07	2.24E-07
5337	482363.09, 3866377.25	1.68E-04	1.76E-07	1.02E-07	2.42E-08	2.36E-09	2.65E-08	1.66E-04	5.75E-08	1.74E-07	1.92E-09	2.25E-08	2.44E-08	3.89E-07	2.23E-07
5338	482863.09, 3866377.25	1.71E-04	1.79E-07	1.04E-07	2.46E-08	2.41E-09	2.71E-08	1.68E-04	5.80E-08	1.75E-07	1.94E-09	2.27E-08	2.46E-08	3.85E-07	2.21E-07
5339	483363.09, 3866377.25	1.73E-04	1.81E-07	1.05E-07	2.49E-08	2.43E-09	2.73E-08	1.69E-04	5.86E-08	1.77E-07	1.96E-09	2.29E-08	2.49E-08	3.81E-07	2.20E-07
5340	483863.09, 3866377.25	1.76E-04	1.84E-07	1.07E-07	2.53E-08	2.48E-09	2.78E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	3.73E-07	2.16E-07
5341	484363.09, 3866377.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.72E-04	5.96E-08	1.80E-07	1.99E-09	2.33E-08	2.53E-08	3.56E-07	2.09E-07
5342	484863.09, 3866377.25	1.80E-04	1.88E-07	1.09E-07	2.58E-08	2.52E-09	2.83E-08	1.75E-04	6.07E-08	1.83E-07	2.03E-09	2.38E-08	2.58E-08	3.41E-07	2.02E-07
5343	485363.09, 3866377.25	1.83E-04	1.91E-07	1.11E-07	2.63E-08	2.57E-09	2.89E-08	1.77E-04	6.13E-08	1.85E-07	2.05E-09	2.40E-08	2.60E-08	3.21E-07	1.92E-07
5344	485863.09, 3866377.25	1.86E-04	1.94E-07	1.13E-07	2.68E-08	2.62E-09	2.94E-08	1.80E-04	6.24E-08	1.88E-07	2.08E-09	2.44E-08	2.65E-08	3.18E-07	1.91E-07
5345	486363.09, 3866377.25	1.89E-04	1.98E-07	1.15E-07	2.72E-08	2.66E-09	2.99E-08	1.83E-04	6.34E-08	1.92E-07	2.12E-09	2.48E-08	2.69E-08	3.13E-07	1.89E-07
5346	486863.09, 3866377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	3.07E-07	1.87E-07
5347	487363.09, 3866377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	3.07E-07	1.88E-07
5348	487863.09, 3866377.25	1.96E-04	2.05E-07	1.19E-07	2.82E-08	2.75E-09	3.09E-08	1.90E-04	6.56E-08	1.98E-07	2.19E-09	2.57E-08	2.79E-08	3.01E-07	1.85E-07
5349	488363.09, 3866377.25	1.99E-04	2.08E-07	1.20E-07	2.86E-08	2.80E-09	3.14E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	2.94E-07	1.82E-07
5350	488863.09, 3866377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.86E-04	6.45E-08	1.95E-07	2.15E-09	2.52E-08	2.74E-08	2.99E-07	1.83E-07
5351	489363.09, 3866377.25	1.88E-04	1.96E-07	1.14E-07	2.70E-08	2.64E-09	2.96E-08	1.82E-04	6.29E-08	1.90E-07	2.10E-09	2.46E-08	2.67E-08	3.21E-07	1.93E-07
5352	489863.09, 3866377.25	1.78E-04	1.86E-07	1.08E-07	2.56E-08	2.50E-09	2.81E-08	1.74E-04	6.02E-08	1.82E-07	2.01E-09	2.35E-08	2.56E-08	3.51E-07	2.06E-07
5353	490363.09, 3866377.25	1.98E-04	2.06E-07	1.20E-07	2.84E-08	2.78E-09	3.12E-08	1.96E-04	6.78E-08	2.05E-07	2.26E-09	2.65E-08	2.88E-08	3.85E-07	2.27E-07
5354	490863.09, 3866377.25	2.02E-04	2.12E-07	1.22E-07	2.91E-08	2.85E-09	3.20E-08	2.01E-04	6.94E-08	2.10E-07	2.32E-09	2.72E-08	2.95E-08	4.31E-07	2.50E-07
5355	491363.09, 3866377.25	1.93E-04	2.01E-07	1.17E-07	2.77E-08	2.71E-09	3.04E-08	1.93E-04	6.67E-08	2.01E-07	2.23E-09	2.61E-08	2.83E-08	4.90E-07	2.77E-07
5356	491863.09, 3866377.25	1.63E-04	1.71E-07	9.88E-08	2.35E-08	2.30E-09	2.58E-08	1.60E-04	5.53E-08	1.67E-07	1.85E-09	2.16E-08	2.35E-08	5.44E-07	2.97E-07
5357	492363.09, 3866377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.61E-04	5.59E-08	1.69E-07	1.87E-09	2.19E-08	2.37E-08	5.64E-07	3.07E-07
5358	492863.09, 3866377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	5.44E-07	2.95E-07
5359	493363.09, 3866377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	5.04E-07	2.75E-07
5360	493863.09, 3866377.25	1.60E-04	1.67E-07	9.68E-08	2.30E-08	2.25E-09	2.53E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	4.58E-07	2.54E-07
5361	494363.09, 3866377.25	1.70E-04	1.77E-07	1.03E-07	2.44E-08	2.39E-09	2.68E-08	1.55E-04	5.37E-08	1.62E-07	1.79E-09	2.10E-08	2.28E-08	4.25E-07	2.39E-07
5362	494863.09, 3866377.25	1.66E-04	1.74E-07	1.01E-07	2.39E-08	2.34E-09	2.63E-08	1.54E-04	5.31E-08	1.60E-07	1.77E-09	2.08E-08	2.26E-08	4.15E-07	2.34E-07
5363	495363.09, 3866377.25	1.57E-04	1.64E-07	9.48E-08	2.25E-08	2.20E-09	2.47E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.12E-07	2.31E-07
5364	495863.09, 3866377.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.50E-04	5.21E-08	1.57E-07	1.74E-09	2.04E-08	2.21E-08	4.13E-07	2.31E-07
5365	496363.09, 3866377.25	1.49E-04	1.55E-07	8.99E-08	2.14E-08	2.09E-09	2.34E-08	1.52E-04	5.26E-08	1.59E-07	1.76E-09	2.06E-08	2.23E-08	4.20E-07	2.35E-07
5366	496863.09, 3866377.25	1.50E-04	1.57E-07	9.09E-08	2.16E-08	2.11E-09	2.37E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	4.23E-07	2.36E-07
5367	497363.09, 3866377.25	1.58E-04	1.65E-07	9.58E-08	2.28E-08	2.23E-09	2.50E-08	1.46E-04	5.04E-08	1.52E-07	1.68E-09	1.97E-08	2.14E-08	4.26E-07	2.37E-07
5368	497863.09, 3866377.25	1.62E-04	1.69E-07	9.78E-08	2.32E-08	2.27E-09	2.55E-08	1.47E-04	5.10E-08	1.54E-07	1.70E-09	1.99E-08	2.16E-08	4.28E-07	2.39E-07
5369	498363.09, 3866377.25	1.45E-04	1.52E-07	8.79E-08	2.09E-08	2.04E-09	2.29E-08	1.36E-04	4.72E-08	1.42E-07	1.58E-09	1.85E-08	2.00E-08	4.27E-07	2.36E-07
5370	474494.92, 3848334.16	5.63E-02	5.89E-05	3.41E-05	8.10E-06	7.92E-07	8.89E-06	5.36E-02	1.86E-05	5.61E-05	6.20E-07	7.26E-06	7.88E-06	2.47E-05	2.30E-05
5371	475167.27, 3848920.79	6.65E-02	6.95E-05	4.02E-05	9.56E-06	9.35E-07	1.05E-05	6.34E-02	2.20E-05	6.63E-05	7.33E-07	8.59E-06	9.32E-06	3.33E-05	2.92E-05
5372	475297.89, 3848997.96	5.19E-02	5.42E-05	3.14E-05	7.46E-06	7.30E-07	8.19E-06	4.92E-02	1.70E-05	5.14E-05	5.68E-07	6.66E-06	7.23E-06	2.89E-05	2.42E-05
5373	475439.05, 3849062	6.03E-02	6.30E-05	3.65E-05	8.67E-06	8.48E-07	9.52E-06	5.72E-02	1.98E-05	5.98E-05	6.61E-07	7.74E-06	8.40E-06	3.38E-05	2.82E-05
5374	475486.86, 3849061.09	4.45E-02	4.65E-05	2.69E-05	6.39E-06	6.25E-07	7.02E-06	4.22E-02	1.46E-05	4.41E-05	4.88E-07	5.72E-06	6.20E-06	2.65E-05	2.16E-05
5375	475538.46, 3849075.56	4.51E-02	4.71E-05	2.73E-05	6.48E-06	6.34E-07	7.12E-06	4.28E-02	1.48E-05	4.48E-05	4.95E-07	5.80E-06	6.29E-06	2.71E-05	2.20E-05
5376	475751.79, 3849137.15	6.67E-02	6.97E-05	4.03E-05	9.58E-06	9.37E-07	1.05E-05	6.29E-02	2.18E-05	6.57E-05	7.27E-07	8.51E-06	9.24E-06	3.51E-05	3.00E-05
5377	476303.62, 3849223.38	6.01E-02	6.28E-05	3.64E-05	8.64E-06	8.45E-07	9.49E-06	5.73E-02	1.98E-05	5.99E-05	6.63E-07	7.76E-06	8.43E-06	3.20E-05	2.73E-05
5378	476304.51, 3849238.92	8.34E-02	8.72E-05	5.05E-05	1.20E-05	1.17E-06	1.32E-05	7.95E-02	2.75E-05	8.31E-05	9.19E-07	1.08E-05	1.17E-05	4.25E-05	3.70E-05
5379	476365.04, 3849247.98	7.47E-02	7.81E-05	4.52E-05	1.07E-05	1.05E-06	1.18E-05	7.09E-02	2.46E-05	7.41E-05	8.20E-07	9.60E-06	1.04E-05	3.85E-05	3.33E-05
5380	476444.86, 3849267.13	7.54E-02	7.88E-05	4.56E-05	1.08E-05	1.06E-06	1.19E-05	7.11E-02	2.46E-05	7.43E-05	8.22E-07	9.63E-06	1.05E-05	3.88E-05	3.35E-05
5381	476550.75, 3849300.66	9.07E-02	9.48E-05	5.49E-05	1.30E-05	1.28E-06	1.43E-05	8.46E-02	2.93E-05	8.84E-05	9.78E-07	1.15E-05	1.24E-05	4.46E-05	3.92E-05
5382	476656.71, 3849346.88	7.77E-02	8.12E-05	4.70E-05	1.12E-05	1.09E-06	1.23E-05	7.31E-02	2.53E-05	7.64E-05	8.45E-07	9.90E-06	1.07E-05	4.05E-05	3.47E-05
5383	476873.55, 3849454.53	7.72E-02	8.06E-05	4.67E-05	1.11E-05	1.09E-06	1.22E-05	7.31E-02	2.53E-05	7.64E-05	8.45E-07	9.90E-06	1.08E-05	4.17E-05	3.53E-05
5384	477700, 3849859.7	7.44E-02	7.78E-05	4.50E-05	1.07E-05	1.05E-06	1.17E-05	7.22E-02	2.50E-05	7.55E-05	8.34E-07	9.78E-06	1.06E-05	4.52E-05	3.67E-05
5385	477743.16, 3849856.38	5.29E-02	5.53E-05	3.20E-05	7.60E-06	7.43E-07	8.35E-06	5.12E-02	1.77E-05	5.35E-05	5.92E-07	6.93E-06	7.53E-06	3.53E-05	2.76E-05
5386	478477.35, 3850216.33	5.42E-02	5.67E-05	3.28E-05	7.80E-06	7.63E-07	8.56E-06	5.36E-02	1.85E-05	5.60E-05	6.19E-07	7.25E-06	7.87E-06	3.98E-05	3.02E-05
5387	478485.8, 3850201.6	4.20E-02	4.39E-05	2.54E-05	6.03E-06	5.90E-07	6.62E-06	4.12E-02	1.43E-05	4.31E-05	4.76E-07	5.58E-06	6.06E-06	3.26E-05	2.42E-05
5388	479113.21, 3850501.53	3.84E-02	4.01E-05	2.32E-05	5.52E-06	5.40E-07	6.06E-06	3.80E-02	1.31E-05	3.97E-05	4.39E-07	5.14E-06	5.58E-06	3.92E-05	2.67E-05
5389	479108.11, 3850382.28	1.57E-02	1.64E-05	9.51E-06	2.26E-06	2.21E-07	2.48E-06	1.52E-02	5.27E-06	1.59E-05	1.76E-07	2.06E-06	2.24E-06	1.70E-05	1.14E-05
5390	479689.85, 3850674.28	1.62E-02	1.70E-05	9.82E-06	2.33E-06	2.28E-07	2.56E-06	1.58E-02	5.48E-06	1.66E-05	1.83E-07	2.14E-06	2.33E-06	3.14E-05	1.85E-05

5391	479952.42, 3850774.28	1.41E-02	1.47E-05	8.53E-06	2.03E-06	1.98E-07	2.23E-06	1.37E-02	4.75E-06	1.43E-05	1.59E-07	1.86E-06	2.02E-06	2.29E-05	1.39E-05
5392	479911.32, 3850884.85	3.58E-02	3.75E-05	2.17E-05	5.15E-06	5.04E-07	5.66E-06	3.57E-02	1.24E-05	3.73E-05	4.13E-07	4.84E-06	5.25E-06	3.53E-05	2.43E-05
5393	480500.92, 3851178.12	3.81E-02	3.98E-05	2.30E-05	5.47E-06	5.35E-07	6.01E-06	3.67E-02	1.27E-05	3.83E-05	4.24E-07	4.96E-06	5.39E-06	3.37E-05	2.38E-05
5394	480738.01, 3851289.27	3.62E-02	3.78E-05	2.19E-05	5.20E-06	5.09E-07	5.71E-06	3.44E-02	1.19E-05	3.59E-05	3.97E-07	4.66E-06	5.05E-06	3.31E-05	2.31E-05
5395	481055.42, 3851443.58	3.55E-02	3.71E-05	2.15E-05	5.11E-06	5.00E-07	5.61E-06	3.32E-02	1.15E-05	3.47E-05	3.84E-07	4.50E-06	4.88E-06	3.35E-05	2.31E-05
5396	481110.22, 3851443.15	2.68E-02	2.80E-05	1.62E-05	3.85E-06	3.77E-07	4.23E-06	2.51E-02	8.70E-06	2.63E-05	2.90E-07	3.40E-06	3.69E-06	2.61E-05	1.79E-05
5397	481111.1, 3851417.45	2.17E-02	2.27E-05	1.31E-05	3.12E-06	3.05E-07	3.43E-06	2.04E-02	7.07E-06	2.13E-05	2.36E-07	2.77E-06	3.00E-06	2.07E-05	1.43E-05
5398	482248.44, 3852605.09	4.03E-02	4.21E-05	2.44E-05	5.79E-06	5.66E-07	6.36E-06	3.86E-02	1.34E-05	4.03E-05	4.46E-07	5.23E-06	5.67E-06	2.97E-05	2.23E-05
5399	482273.34, 3852632.31	4.11E-02	4.29E-05	2.49E-05	5.91E-06	5.78E-07	6.48E-06	3.94E-02	1.36E-05	4.12E-05	4.56E-07	5.34E-06	5.79E-06	3.01E-05	2.27E-05
5400	482665.46, 3853038.72	3.32E-02	3.47E-05	2.01E-05	4.78E-06	4.67E-07	5.24E-06	3.12E-02	1.08E-05	3.26E-05	3.61E-07	4.22E-06	4.58E-06	3.02E-05	2.11E-05
5401	483077.95, 3853844.31	2.07E-02	2.17E-05	1.26E-05	2.98E-06	2.92E-07	3.28E-06	9.74E-03	3.37E-06	1.02E-05	1.13E-07	1.32E-06	1.43E-06	3.63E-05	2.05E-05
5402	483121.38, 3853909.38	1.92E-02	2.00E-05	1.16E-05	2.76E-06	2.70E-07	3.03E-06	8.53E-03	2.95E-06	8.92E-06	9.86E-08	1.16E-06	1.25E-06	4.14E-05	2.27E-05
5403	483492.64, 3853911.49	6.58E-03	6.88E-06	3.98E-06	9.46E-07	9.25E-08	1.04E-06	3.93E-03	1.36E-06	4.10E-06	4.54E-08	5.32E-07	5.77E-07	2.63E-05	1.38E-05
5404	483498.29, 3854204.73	2.14E-02	2.24E-05	1.30E-05	3.08E-06	3.01E-07	3.38E-06	4.11E-03	1.42E-06	4.29E-06	4.75E-08	5.56E-07	6.03E-07	4.39E-05	2.36E-05
5405	484132.44, 3854662.55	3.97E-02	4.15E-05	2.40E-05	5.71E-06	5.58E-07	6.27E-06	2.25E-03	7.78E-07	2.35E-06	2.60E-08	3.04E-07	3.30E-07	5.43E-05	2.99E-05
5406	484627.62, 3854876.13	3.50E-02	3.66E-05	2.12E-05	5.04E-06	4.93E-07	5.53E-06	2.04E-03	7.05E-07	2.13E-06	2.36E-08	2.76E-07	3.00E-07	5.38E-05	2.93E-05
5407	484756.14, 3854949.04	3.50E-02	3.66E-05	2.12E-05	5.04E-06	4.93E-07	5.53E-06	2.05E-03	7.08E-07	2.14E-06	2.36E-08	2.77E-07	3.01E-07	5.29E-05	2.88E-05
5408	486697.51, 3856599.17	1.26E-02	1.31E-05	7.60E-06	1.81E-06	1.77E-07	1.98E-06	2.42E-03	8.39E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.63E-05	2.38E-05
5409	487105.31, 3856962.27	1.16E-02	1.21E-05	7.02E-06	1.67E-06	1.63E-07	1.83E-06	2.72E-03	9.41E-07	2.84E-06	3.14E-08	3.68E-07	4.00E-07	5.01E-05	2.57E-05
5410	487157.57, 3856901.7	8.70E-03	9.09E-06	5.26E-06	1.25E-06	1.22E-07	1.37E-06	2.54E-03	8.81E-07	2.66E-06	2.94E-08	3.45E-07	3.74E-07	4.18E-05	2.13E-05
5411	487173.5, 3856853.74	7.63E-03	7.98E-06	4.62E-06	1.10E-06	1.07E-07	1.20E-06	2.45E-03	8.47E-07	2.56E-06	2.83E-08	3.31E-07	3.60E-07	3.74E-05	1.91E-05
5412	487564.41, 3856860.83	4.58E-03	4.79E-06	2.77E-06	6.59E-07	6.45E-08	7.24E-07	2.16E-03	7.48E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	3.29E-05	1.66E-05
5413	487563.31, 3856931.58	4.96E-03	5.18E-06	3.00E-06	7.13E-07	6.97E-08	7.83E-07	2.26E-03	7.82E-07	2.36E-06	2.61E-08	3.06E-07	3.32E-07	3.98E-05	2.00E-05
5414	487782.7, 3856926.85	3.99E-03	4.17E-06	2.42E-06	5.74E-07	5.62E-08	6.31E-07	2.12E-03	7.33E-07	2.21E-06	2.45E-08	2.87E-07	3.11E-07	3.45E-05	1.74E-05
5415	487782.39, 3856757.07	3.48E-03	3.64E-06	2.11E-06	5.01E-07	4.90E-08	5.50E-07	1.93E-03	6.68E-07	2.02E-06	2.23E-08	2.61E-07	2.83E-07	2.43E-05	1.23E-05
5416	487917.26, 3856752.41	3.17E-03	3.32E-06	1.92E-06	4.57E-07	4.46E-08	5.01E-07	1.87E-03	6.49E-07	1.96E-06	2.17E-08	2.54E-07	2.75E-07	2.35E-05	1.19E-05
5417	487919.57, 3856953.35	3.66E-03	3.82E-06	2.21E-06	5.26E-07	5.14E-08	5.77E-07	2.08E-03	7.19E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	3.25E-05	1.64E-05
5418	487932.76, 3857000.32	3.76E-03	3.93E-06	2.28E-06	5.41E-07	5.29E-08	5.94E-07	2.12E-03	7.33E-07	2.21E-06	2.45E-08	2.87E-07	3.11E-07	3.41E-05	1.72E-05
5419	487960.5, 3857044.75	3.82E-03	4.00E-06	2.31E-06	5.50E-07	5.38E-08	6.03E-07	2.15E-03	7.45E-07	2.25E-06	2.49E-08	2.91E-07	3.16E-07	3.49E-05	1.75E-05
5420	488016.54, 3857089.54	3.79E-03	3.96E-06	2.30E-06	5.45E-07	5.33E-08	5.99E-07	2.17E-03	7.51E-07	2.27E-06	2.51E-08	2.94E-07	3.19E-07	3.46E-05	1.74E-05
5421	488114.39, 3857165.47	3.74E-03	3.91E-06	2.26E-06	5.38E-07	5.26E-08	5.91E-07	2.21E-03	7.66E-07	2.31E-06	2.56E-08	3.00E-07	3.25E-07	3.36E-05	1.69E-05
5422	488171.49, 3857234.24	3.79E-03	3.96E-06	2.29E-06	5.45E-07	5.33E-08	5.98E-07	2.28E-03	7.89E-07	2.38E-06	2.63E-08	3.09E-07	3.35E-07	3.30E-05	1.67E-05
5423	488193.16, 3857297.8	3.92E-03	4.10E-06	2.37E-06	5.64E-07	5.52E-08	6.19E-07	2.37E-03	8.22E-07	2.48E-06	2.75E-08	3.22E-07	3.49E-07	3.30E-05	1.67E-05
5424	488189.27, 3857649.94	5.79E-03	6.05E-06	3.50E-06	8.32E-07	8.14E-08	9.13E-07	3.20E-03	1.11E-06	3.34E-06	3.70E-08	4.33E-07	4.70E-07	3.47E-05	1.78E-05
5425	488127.43, 3857732.32	7.24E-03	7.57E-06	4.38E-06	1.04E-06	1.02E-07	1.14E-06	3.56E-03	1.23E-06	3.72E-06	4.12E-08	4.82E-07	5.23E-07	3.77E-05	1.93E-05
5426	488149.93, 3857752.94	7.22E-03	7.55E-06	4.37E-06	1.04E-06	1.02E-07	1.14E-06	3.59E-03	1.24E-06	3.76E-06	4.15E-08	4.87E-07	5.28E-07	3.59E-05	1.85E-05
5427	488144.76, 3857758.71	7.36E-03	7.70E-06	4.46E-06	1.06E-06	1.04E-07	1.16E-06	3.62E-03	1.25E-06	3.79E-06	4.19E-08	4.90E-07	5.32E-07	3.63E-05	1.87E-05
5428	488335.58, 3857932.55	7.30E-03	7.63E-06	4.42E-06	1.05E-06	1.03E-07	1.15E-06	4.07E-03	1.41E-06	4.25E-06	4.70E-08	5.51E-07	5.97E-07	3.40E-05	1.76E-05
5429	488372.29, 3857943.79	7.01E-03	7.33E-06	4.24E-06	1.01E-06	9.86E-08	1.11E-06	4.04E-03	1.40E-06	4.22E-06	4.67E-08	5.47E-07	5.94E-07	3.28E-05	1.70E-05
5430	488828.64, 3857936.4	4.12E-03	4.30E-06	2.49E-06	5.92E-07	5.79E-08	6.50E-07	3.17E-03	1.10E-06	3.31E-06	3.67E-08	4.29E-07	4.66E-07	2.29E-05	1.19E-05
5431	488829.08, 3857959.58	4.20E-03	4.39E-06	2.54E-06	6.05E-07	5.91E-08	6.64E-07	3.24E-03	1.12E-06	3.38E-06	3.74E-08	4.38E-07	4.76E-07	2.35E-05	1.22E-05
5432	488351.61, 3857964.55	7.54E-03	7.88E-06	4.56E-06	1.08E-06	1.06E-07	1.19E-06	4.20E-03	1.45E-06	4.39E-06	4.86E-08	5.69E-07	6.18E-07	3.51E-05	1.82E-05
5433	488316.87, 3857947.65	7.76E-03	8.11E-06	4.70E-06	1.12E-06	1.09E-07	1.23E-06	4.19E-03	1.45E-06	4.38E-06	4.84E-08	5.67E-07	6.16E-07	3.60E-05	1.87E-05
5434	488129.1, 3857775.77	7.82E-03	8.17E-06	4.73E-06	1.12E-06	1.10E-07	1.23E-06	3.72E-03	1.29E-06	3.89E-06	4.30E-08	5.03E-07	5.46E-07	3.77E-05	1.94E-05
5435	488062.53, 3857846.13	1.06E-02	1.11E-05	6.44E-06	1.53E-06	1.50E-07	1.68E-06	4.22E-03	1.46E-06	4.41E-06	4.88E-08	5.71E-07	6.20E-07	5.17E-05	2.65E-05
5436	488330.41, 3858091.34	1.03E-02	1.08E-05	6.24E-06	1.48E-06	1.45E-07	1.63E-06	5.09E-03	1.76E-06	5.32E-06	5.88E-08	6.89E-07	7.48E-07	5.30E-05	2.73E-05
5437	488470.87, 3858174.45	9.25E-03	9.67E-06	5.60E-06	1.33E-06	1.30E-07	1.46E-06	5.26E-03	1.82E-06	5.50E-06	6.08E-08	7.12E-07	7.73E-07	4.86E-05	2.50E-05
5438	488568.9, 3858262.31	9.45E-03	9.87E-06	5.72E-06	1.36E-06	1.33E-07	1.49E-06	5.74E-03	1.99E-06	6.00E-06	6.64E-08	7.77E-07	8.44E-07	5.38E-05	2.77E-05
5439	488964.27, 3858025.71	3.99E-03	4.17E-06	2.41E-06	5.74E-07	5.61E-08	6.30E-07	3.23E-03	1.12E-06	3.37E-06	3.73E-08	4.37E-07	4.75E-07	3.00E-05	1.53E-05
5440	489147.25, 3857956.64	3.31E-03	3.45E-06	2.00E-06	4.75E-07	4.65E-08	5.22E-07	2.79E-03	9.66E-07	2.92E-06	3.23E-08	3.78E-07	4.10E-07	2.79E-05	1.42E-05
5441	489343.52, 3857932.45	2.90E-03	3.03E-06	1.75E-06	4.16E-07	4.07E-08	4.57E-07	2.53E-03	8.74E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	2.94E-05	1.48E-05
5442	489866.19, 3857923.19	2.27E-03	2.37E-06	1.37E-06	3.26E-07	3.19E-08	3.58E-07	2.10E-03	7.28E-07	2.20E-06	2.43E-08	2.85E-07	3.09E-07	2.80E-05	1.41E-05
5443	489955.65, 3857902.27	2.17E-03	2.27E-06	1.31E-06	3.12E-07	3.05E-08	3.42E-07	2.02E-03	6.98E-07	2.11E-06	2.33E-08	2.73E-07	2.97E-07	2.58E-05	1.30E-05
5444	490079.44, 3857847.9	2.05E-03	2.14E-06	1.24E-06	2.94E-07	2.88E-08	3.23E-07	1.92E-03	6.63E-07	2.00E-06	2.21E-08	2.59E-07	2.82E-07	1.91E-05	9.69E-06
5445	490108.49, 3857934.13	2.09E-03	2.19E-06	1.27E-06	3.01E-07	2.94E-08	3.30E-07	1.98E-03	6.85E-07	2.07E-06	2.29E-08	2.68E-07	2.91E-07	2.22E-05	1.12E-05
5446	489884.48, 3858014.17	2.35E-03	2.46E-06	1.42E-06	3.38E-07	3.30E-08	3.71E-07	2.20E-03	7.62E-07	2.30E-06	2.55E-08	2.98E-07	3.24E-07	2.07E-05	1.05E-05
5447	489326.56, 3858025.86	3.10E-03	3.24E-06	1.88E-06	4.46E-07	4.36E-08	4.89E-07	2.72E-03	9.43E-07	2.85E-06	3.15E-08	3.69E-07	4.00E-07	2.73E-05	1.39E-05
5448	489130.38, 3858056.71	3.59E-03	3.76E-06	2.17E-06	5.17E-07	5.05E-08	5.67E-07	3.04E-03	1.05E-06	3.18E-06	3.52E-08	4.12E-07	4.47E-07	3.09E-05	1.57E-05
5449	488936.49, 3858143.93	4.61E-03	4.81E-06	2.79E-06	6.62E-07	6.48E-08	7.27E-07	3.69E-03	1.28E-06	3.86E-06	4.27E-08	5.00E-07	5.43E-07	3.47E-05	1.77E-05
5450	488638.08, 3858327.45	9.47E-03	9.90E-06	5.73E-06	1.36E-06	1.33E-07	1.50E-06	6.04E-03	2.09E-06	6.32E-06	6.99E-08	8.18E-07	8.88E-07	5.05E-05	2.61E-05
5451	488663.79, 3858349.57	9.42E-03	9.85E-06	5.70E-06	1.36E-06	1.33E-07	1.49E-06	6.13E-03	2.12E-06	6.41E-06	7.09E-08	8.31E-07	9.02E-07	4.90E-05	2.53E-05
5452	488694.56, 3858349.5	8.81E-03	9.21E-06	5.33E-06	1.27E-06	1.24E-07	1.39E-06	5.94E-03	2.06E-06	6.21E-06	6.87E-08	8.04E-07	8.73E-07	4.52E-05	2.34E-05

5453	488694.35, 3858336.75	8.57E-03	8.96E-06	5.19E-06	1.23E-06	1.21E-07	1.35E-06	5.80E-03	2.01E-06	6.07E-06	6.71E-08	7.86E-07	8.53E-07	4.43E-05	2.29E-05
5454	488712.81, 3858336.38	8.26E-03	8.63E-06	5.00E-06	1.19E-06	1.16E-07	1.30E-06	5.70E-03	1.97E-06	5.95E-06	6.58E-08	7.71E-07	8.37E-07	4.21E-05	2.18E-05
5455	488713.23, 3858367.46	8.83E-03	9.23E-06	5.34E-06	1.27E-06	1.24E-07	1.39E-06	6.03E-03	2.09E-06	6.30E-06	6.97E-08	8.16E-07	8.86E-07	4.39E-05	2.28E-05
5456	488704.63, 3858384.05	9.35E-03	9.77E-06	5.66E-06	1.34E-06	1.32E-07	1.48E-06	6.28E-03	2.18E-06	6.57E-06	7.26E-08	8.51E-07	9.24E-07	4.55E-05	2.36E-05
5457	488604.15, 3858488.29	1.81E-02	1.89E-05	1.09E-05	2.60E-06	2.54E-07	2.85E-06	9.26E-03	3.21E-06	9.68E-06	1.07E-07	1.25E-06	1.36E-06	5.19E-05	2.79E-05
5458	488605.66, 3858550.47	2.54E-02	2.65E-05	1.53E-05	3.65E-06	3.57E-07	4.00E-06	1.14E-02	3.95E-06	1.19E-05	1.32E-07	1.54E-06	1.68E-06	5.72E-05	3.13E-05
5459	488692.68, 3858548.71	1.64E-02	1.71E-05	9.91E-06	2.36E-06	2.30E-07	2.59E-06	9.63E-03	3.33E-06	1.01E-05	1.11E-07	1.30E-06	1.41E-06	5.11E-05	2.74E-05
5460	488759.93, 3858461.81	9.99E-03	1.04E-05	6.05E-06	1.44E-06	1.41E-07	1.58E-06	6.93E-03	2.40E-06	7.25E-06	8.02E-08	9.39E-07	1.02E-06	3.95E-05	2.08E-05
5461	488816.57, 3858541.79	1.08E-02	1.13E-05	6.53E-06	1.55E-06	1.52E-07	1.70E-06	7.79E-03	2.70E-06	8.14E-06	9.00E-08	1.05E-06	1.14E-06	4.79E-05	2.51E-05
5462	488944.63, 3858656.77	1.09E-02	1.14E-05	6.63E-06	1.57E-06	1.54E-07	1.73E-06	8.77E-03	3.04E-06	9.17E-06	1.01E-07	1.19E-06	1.29E-06	3.89E-05	2.09E-05
5463	489134.91, 3858830.7	1.28E-02	1.33E-05	7.73E-06	1.84E-06	1.80E-07	2.02E-06	1.09E-02	3.78E-06	1.14E-05	1.26E-07	1.48E-06	1.61E-06	3.38E-05	1.88E-05
5464	489193.99, 3858886.05	1.36E-02	1.42E-05	8.23E-06	1.96E-06	1.91E-07	2.15E-06	1.19E-02	4.12E-06	1.25E-05	1.38E-07	1.61E-06	1.75E-06	3.42E-05	1.92E-05
5465	489295.2, 3858954.34	1.37E-02	1.43E-05	8.27E-06	1.97E-06	1.92E-07	2.16E-06	1.26E-02	4.35E-06	1.31E-05	1.45E-07	1.70E-06	1.85E-06	3.45E-05	1.94E-05
5466	489295.64, 3858992.74	1.63E-02	1.70E-05	9.87E-06	2.34E-06	2.29E-07	2.57E-06	1.49E-02	5.17E-06	1.56E-05	1.73E-07	2.02E-06	2.20E-06	3.72E-05	2.12E-05
5467	489183.74, 3858911.72	1.58E-02	1.65E-05	9.53E-06	2.27E-06	2.22E-07	2.49E-06	1.36E-02	4.70E-06	1.42E-05	1.57E-07	1.84E-06	2.00E-06	3.51E-05	2.00E-05
5468	488873.37, 3858625.59	1.19E-02	1.25E-05	7.21E-06	1.71E-06	1.68E-07	1.88E-06	8.97E-03	3.11E-06	9.38E-06	1.04E-07	1.22E-06	1.32E-06	4.71E-05	2.49E-05
5469	488842.84, 3858658.69	1.48E-02	1.54E-05	8.94E-06	2.12E-06	2.08E-07	2.33E-06	1.05E-02	3.65E-06	1.10E-05	1.22E-07	1.43E-06	1.55E-06	4.82E-05	2.59E-05
5470	488856.39, 3858670.93	1.48E-02	1.55E-05	8.96E-06	2.13E-06	2.08E-07	2.34E-06	1.07E-02	3.70E-06	1.12E-05	1.24E-07	1.45E-06	1.57E-06	4.65E-05	2.51E-05
5471	488805.7, 3858724.5	2.45E-02	2.56E-05	1.48E-05	3.52E-06	3.44E-07	3.86E-06	1.50E-02	5.20E-06	1.57E-05	1.74E-07	2.04E-06	2.21E-06	5.20E-05	2.91E-05
5472	488805.87, 3858804.16	5.51E-02	5.76E-05	3.33E-05	7.92E-06	7.75E-07	8.70E-06	2.49E-02	8.62E-06	2.60E-05	2.88E-07	3.37E-06	3.66E-06	6.07E-05	3.70E-05
5473	488995.78, 3858936.96	5.44E-02	5.69E-05	3.29E-05	7.82E-06	7.65E-07	8.59E-06	3.22E-02	1.11E-05	3.36E-05	3.72E-07	4.35E-06	4.73E-06	5.95E-05	3.72E-05
5474	489130.76, 3859017.38	4.54E-02	4.75E-05	2.75E-05	6.54E-06	6.39E-07	7.17E-06	3.43E-02	1.19E-05	3.58E-05	3.96E-07	4.64E-06	5.04E-06	5.36E-05	3.39E-05
5475	489130.92, 3859052.24	7.15E-02	7.48E-05	4.33E-05	1.03E-05	1.01E-06	1.13E-05	5.28E-02	1.83E-05	5.52E-05	6.11E-07	7.15E-06	7.76E-06	6.17E-05	4.22E-05
5476	489200.33, 3859090.6	6.49E-02	6.79E-05	3.93E-05	9.34E-06	9.13E-07	1.03E-05	5.27E-02	1.83E-05	5.51E-05	6.09E-07	7.14E-06	7.75E-06	5.93E-05	4.04E-05
5477	489296.07, 3859143.7	6.29E-02	6.57E-05	3.81E-05	9.04E-06	8.84E-07	9.93E-06	5.26E-02	1.82E-05	5.50E-05	6.08E-07	7.12E-06	7.73E-06	5.90E-05	4.01E-05
5478	489296.43, 3858954.74	1.37E-02	1.43E-05	8.26E-06	1.96E-06	1.92E-07	2.16E-06	1.25E-02	4.34E-06	1.31E-05	1.45E-07	1.70E-06	1.84E-06	3.44E-05	1.94E-05
5479	489410.33, 3859033.19	1.41E-02	1.48E-05	8.56E-06	2.03E-06	1.99E-07	2.23E-06	1.34E-02	4.65E-06	1.40E-05	1.55E-07	1.82E-06	1.97E-06	3.95E-05	2.20E-05
5480	489371.37, 3859089.8	2.24E-02	2.34E-05	1.36E-05	3.22E-06	3.15E-07	3.54E-06	2.06E-02	7.13E-06	2.15E-05	2.38E-07	2.79E-06	3.03E-06	4.21E-05	2.48E-05
5481	489390.52, 3859102.82	2.28E-02	2.38E-05	1.38E-05	3.27E-06	3.20E-07	3.59E-06	2.09E-02	7.25E-06	2.19E-05	2.42E-07	2.84E-06	3.08E-06	4.27E-05	2.52E-05
5482	489382.3, 3859114.53	2.59E-02	2.71E-05	1.57E-05	3.72E-06	3.64E-07	4.09E-06	2.36E-02	8.16E-06	2.46E-05	2.72E-07	3.19E-06	3.46E-06	4.45E-05	2.66E-05
5483	489363.04, 3859102.45	2.57E-02	2.68E-05	1.55E-05	3.69E-06	3.61E-07	4.05E-06	2.33E-02	8.07E-06	2.44E-05	2.69E-07	3.16E-06	3.43E-06	4.35E-05	2.60E-05
5484	489337.52, 3859140.71	4.37E-02	4.57E-05	2.65E-05	6.29E-06	6.15E-07	6.91E-06	3.80E-02	1.32E-05	3.97E-05	4.39E-07	5.14E-06	5.58E-06	5.16E-05	3.32E-05
5485	489375.14, 3859164.55	4.51E-02	4.71E-05	2.73E-05	6.48E-06	6.34E-07	7.11E-06	3.95E-02	1.37E-05	4.13E-05	4.57E-07	5.35E-06	5.81E-06	5.47E-05	3.50E-05
5486	489409.3, 3859114.5	2.29E-02	2.40E-05	1.39E-05	3.30E-06	3.23E-07	3.62E-06	2.11E-02	7.32E-06	2.21E-05	2.44E-07	2.86E-06	3.11E-06	4.30E-05	2.53E-05
5487	489434.87, 3859131.81	2.34E-02	2.45E-05	1.42E-05	3.37E-06	3.29E-07	3.70E-06	2.16E-02	7.49E-06	2.26E-05	2.50E-07	2.93E-06	3.18E-06	4.51E-05	2.64E-05
5488	489471.87, 3859075.75	1.47E-02	1.53E-05	8.87E-06	2.11E-06	2.06E-07	2.31E-06	1.40E-02	4.83E-06	1.46E-05	1.61E-07	1.89E-06	2.05E-06	3.73E-05	2.10E-05
5489	489602.62, 3859164.69	1.58E-02	1.65E-05	9.57E-06	2.28E-06	2.23E-07	2.50E-06	1.51E-02	5.24E-06	1.58E-05	1.75E-07	2.05E-06	2.23E-06	4.20E-05	2.35E-05
5490	489558.29, 3859232.45	3.00E-02	3.14E-05	1.82E-05	4.32E-06	4.22E-07	4.74E-06	2.81E-02	9.73E-06	2.94E-05	3.25E-07	3.81E-06	4.13E-06	4.85E-05	2.94E-05
5491	489620.11, 3859273.56	3.20E-02	3.35E-05	1.94E-05	4.60E-06	4.50E-07	5.05E-06	3.01E-02	1.04E-05	3.14E-05	3.47E-07	4.07E-06	4.42E-06	5.06E-05	3.08E-05
5492	489666.06, 3859206.42	1.64E-02	1.71E-05	9.91E-06	2.35E-06	2.30E-07	2.58E-06	1.57E-02	5.44E-06	1.64E-05	1.82E-07	2.13E-06	2.31E-06	3.83E-05	2.19E-05
5493	489787.9, 3859285.65	1.76E-02	1.84E-05	1.06E-05	2.53E-06	2.47E-07	2.78E-06	1.68E-02	5.82E-06	1.76E-05	1.94E-07	2.27E-06	2.47E-06	4.16E-05	2.37E-05
5494	489752.17, 3859343.13	3.12E-02	3.26E-05	1.89E-05	4.48E-06	4.38E-07	4.92E-06	2.92E-02	1.01E-05	3.05E-05	3.38E-07	3.96E-06	4.29E-06	4.74E-05	2.91E-05
5495	489814.94, 3859385.33	3.36E-02	3.51E-05	2.03E-05	4.83E-06	4.73E-07	5.31E-06	3.15E-02	1.09E-05	3.29E-05	3.64E-07	4.26E-06	4.62E-06	4.97E-05	3.07E-05
5496	489853.42, 3859330.74	1.86E-02	1.94E-05	1.13E-05	2.68E-06	2.62E-07	2.94E-06	1.77E-02	6.13E-06	1.85E-05	2.05E-07	2.40E-06	2.60E-06	3.81E-05	2.22E-05
5497	489969.5, 3859401.91	1.96E-02	2.04E-05	1.18E-05	2.81E-06	2.75E-07	3.09E-06	1.86E-02	6.43E-06	1.94E-05	2.15E-07	2.52E-06	2.73E-06	4.42E-05	2.53E-05
5498	490166.91, 3859486.96	1.77E-02	1.85E-05	1.07E-05	2.55E-06	2.49E-07	2.80E-06	1.70E-02	5.88E-06	1.77E-05	1.96E-07	2.30E-06	2.50E-06	3.94E-05	2.26E-05
5499	490128.86, 3859571.46	4.42E-02	4.62E-05	2.67E-05	6.35E-06	6.21E-07	6.97E-06	4.25E-02	1.47E-05	4.44E-05	4.91E-07	5.76E-06	6.25E-06	4.75E-05	3.18E-05
5500	490186.65, 3859593.65	4.48E-02	4.68E-05	2.71E-05	6.45E-06	6.30E-07	7.08E-06	4.28E-02	1.48E-05	4.48E-05	4.95E-07	5.80E-06	6.30E-06	4.89E-05	3.25E-05
5501	490223.74, 3859517.48	1.84E-02	1.92E-05	1.11E-05	2.65E-06	2.59E-07	2.91E-06	1.77E-02	6.11E-06	1.85E-05	2.04E-07	2.39E-06	2.60E-06	3.62E-05	2.12E-05
5502	490846.34, 3859817.22	2.82E-02	2.95E-05	1.71E-05	4.05E-06	3.96E-07	4.45E-06	2.57E-02	8.90E-06	2.69E-05	2.97E-07	3.48E-06	3.78E-06	4.06E-05	2.51E-05
5503	490925.65, 3859844.59	2.60E-02	2.72E-05	1.57E-05	3.74E-06	3.66E-07	4.11E-06	2.38E-02	8.22E-06	2.48E-05	2.75E-07	3.22E-06	3.49E-06	3.96E-05	2.42E-05
5504	491159.29, 3859896.28	1.74E-02	1.82E-05	1.05E-05	2.50E-06	2.44E-07	2.74E-06	1.67E-02	5.77E-06	1.74E-05	1.93E-07	2.26E-06	2.45E-06	3.61E-05	2.10E-05
5505	491370.69, 3859960.89	1.32E-02	1.38E-05	7.97E-06	1.89E-06	1.85E-07	2.08E-06	1.27E-02	4.40E-06	1.33E-05	1.47E-07	1.72E-06	1.87E-06	3.14E-05	1.79E-05
5506	491330.28, 3860063.17	2.41E-02	2.52E-05	1.46E-05	3.47E-06	3.40E-07	3.81E-06	2.37E-02	8.21E-06	2.48E-05	2.74E-07	3.21E-06	3.49E-06	3.69E-05	2.28E-05
5507	491636.45, 3860180.75	1.35E-02	1.41E-05	8.19E-06	1.95E-06	1.90E-07	2.14E-06	1.27E-02	4.41E-06	1.33E-05	1.47E-07	1.73E-06	1.87E-06	2.93E-05	1.69E-05
5508	491617.94, 3860203.93	1.57E-02	1.64E-05	9.52E-06	2.26E-06	2.21E-07	2.48E-06	1.47E-02	5.09E-06	1.54E-05	1.70E-07	1.99E-06	2.16E-06	3.36E-05	1.94E-05
5509	491805.68, 3860271.59	1.18E-02	1.24E-05	7.17E-06	1.70E-06	1.67E-07	1.87E-06	1.10E-02	3.81E-06	1.15E-05	1.27E-07	1.49E-06	1.62E-06	2.46E-05	1.42E-05
5510	491654.23, 3860414.02	6.47E-02	6.76E-05	3.91E-05	9.30E-06	9.09E-07	1.02E-05	5.69E-02	1.97E-05	5.95E-05	6.58E-07	7.71E-06	8.37E-06	3.84E-05	3.07E-05
5511	491592.62, 3860510.76	1.08E-02	1.13E-05	6.53E-06	1.55E-06	1.52E-07	1.70E-06	1.10E-02	3.81E-06	1.15E-05	1.27E-07	1.49E-06	1.62E-06	9.53E-06	6.83E-06
5512	491475.41, 3860368.93	1.80E-02	1.88E-05	1.09E-05	2.59E-06	2.53E-07	2.84E-06	1.85E-02	6.41E-06	1.93E-05	2.14E-07	2.51E-06	2.72E-06	1.86E-05	1.27E-05
5513	491445.61, 3860337.28	2.03E-02	2.12E-05	1.23E-05	2.91E-06	2.85E-07	3.20E-06	2.06E-02	7.12E-06	2.15E-05	2.38E-07	2.79E-06	3.02E-06	2.02E-05	1.39E-05
5514	491399.05, 3860300.37	2.11E-02	2.21E-05	1.28E-05	3.04E-06	2.97E-07	3.33E-06	2.09E-02	7.25E-06	2.19E-05	2.42E-07	2.84E-06	3.08E-06	2.07E-05	1.43E-05

5515	491228.84, 3860235.98	1.08E-02	1.13E-05	6.56E-06	1.56E-06	1.53E-07	1.71E-06	1.03E-02	3.56E-06	1.08E-05	1.19E-07	1.39E-06	1.51E-06	1.53E-05	9.56E-06
5516	491228.47, 3860174.57	2.13E-02	2.23E-05	1.29E-05	3.06E-06	2.99E-07	3.36E-06	1.96E-02	6.79E-06	2.05E-05	2.27E-07	2.66E-06	2.88E-06	2.34E-05	1.55E-05
5517	491145.77, 3860112.55	2.14E-02	2.24E-05	1.29E-05	3.08E-06	3.01E-07	3.38E-06	1.95E-02	6.74E-06	2.04E-05	2.25E-07	2.64E-06	2.86E-06	2.26E-05	1.50E-05
5518	490844.41, 3859966.22	1.76E-02	1.84E-05	1.07E-05	2.54E-06	2.48E-07	2.79E-06	1.81E-02	6.28E-06	1.90E-05	2.10E-07	2.46E-06	2.67E-06	2.14E-05	1.40E-05
5519	490845.55, 3859928.15	3.70E-02	3.86E-05	2.24E-05	5.31E-06	5.20E-07	5.83E-06	4.01E-02	1.39E-05	4.19E-05	4.64E-07	5.43E-06	5.89E-06	3.31E-05	2.39E-05
5520	490046.91, 3859625.6	2.80E-02	2.93E-05	1.70E-05	4.03E-06	3.94E-07	4.43E-06	2.68E-02	9.27E-06	2.80E-05	3.09E-07	3.63E-06	3.93E-06	2.89E-05	1.95E-05
5521	489970.48, 3859589.4	2.85E-02	2.98E-05	1.72E-05	4.10E-06	4.01E-07	4.50E-06	2.81E-02	9.71E-06	2.93E-05	3.24E-07	3.80E-06	4.12E-06	2.99E-05	2.02E-05
5522	489865.89, 3859529.06	3.06E-02	3.20E-05	1.85E-05	4.40E-06	4.30E-07	4.83E-06	3.06E-02	1.06E-05	3.20E-05	3.54E-07	4.15E-06	4.50E-06	3.39E-05	2.26E-05
5523	489826.89, 3859531.74	1.99E-02	2.08E-05	1.20E-05	2.86E-06	2.80E-07	3.14E-06	1.98E-02	6.84E-06	2.07E-05	2.29E-07	2.68E-06	2.91E-06	2.72E-05	1.72E-05
5524	489410.47, 3859303.06	1.87E-02	1.95E-05	1.13E-05	2.68E-06	2.63E-07	2.95E-06	1.96E-02	6.78E-06	2.05E-05	2.26E-07	2.65E-06	2.88E-06	3.16E-05	1.92E-05
5525	489407.15, 3859286.09	2.37E-02	2.48E-05	1.44E-05	3.41E-06	3.34E-07	3.74E-06	2.53E-02	8.77E-06	2.65E-05	2.93E-07	3.43E-06	3.72E-06	3.52E-05	2.21E-05
5526	488806.07, 3858963.62	1.05E-02	1.10E-05	6.34E-06	1.51E-06	1.47E-07	1.65E-06	2.17E-02	7.52E-06	2.27E-05	2.51E-07	2.94E-06	3.19E-06	5.49E-05	3.02E-05
5527	488817.64, 3859546.3	1.83E-03	1.91E-06	1.11E-06	2.63E-07	2.57E-08	2.89E-07	1.90E-03	6.58E-07	1.99E-06	2.20E-08	2.58E-07	2.80E-07	4.58E-05	2.27E-05
5528	489187.25, 3859549.52	2.66E-03	2.78E-06	1.61E-06	3.83E-07	3.74E-08	4.20E-07	2.69E-03	9.33E-07	2.82E-06	3.11E-08	3.65E-07	3.96E-07	3.17E-05	1.60E-05
5529	489187.66, 3859523.74	2.82E-03	2.95E-06	1.71E-06	4.06E-07	3.97E-08	4.45E-07	2.86E-03	9.90E-07	2.99E-06	3.31E-08	3.87E-07	4.20E-07	2.78E-05	1.41E-05
5530	489232.59, 3859522.85	3.01E-03	3.15E-06	1.82E-06	4.34E-07	4.24E-08	4.76E-07	3.05E-03	1.06E-06	3.19E-06	3.53E-08	4.13E-07	4.48E-07	2.68E-05	1.36E-05
5531	489224.98, 3859759.91	1.91E-03	2.00E-06	1.16E-06	2.75E-07	2.69E-08	3.02E-07	1.92E-03	6.63E-07	2.00E-06	2.21E-08	2.59E-07	2.82E-07	2.43E-05	1.22E-05
5532	488401.39, 3859763.34	1.14E-03	1.19E-06	6.87E-07	1.63E-07	1.60E-08	1.79E-07	1.19E-03	4.10E-07	1.24E-06	1.37E-08	1.61E-07	1.74E-07	4.08E-05	2.01E-05
5533	488405.51, 3859966.16	1.02E-03	1.06E-06	6.16E-07	1.46E-07	1.43E-08	1.61E-07	1.04E-03	3.62E-07	1.09E-06	1.21E-08	1.41E-07	1.54E-07	4.41E-05	2.17E-05
5534	489202.85, 3859956.57	1.48E-03	1.55E-06	8.98E-07	2.13E-07	2.09E-08	2.34E-07	1.48E-03	5.14E-07	1.55E-06	1.71E-08	2.01E-07	2.18E-07	2.88E-05	1.43E-05
5535	489191.9, 3860676.74	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	8.65E-04	2.99E-07	9.04E-07	1.00E-08	1.17E-07	1.27E-07	1.56E-05	7.77E-06
5536	488392.82, 3860687.88	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	7.17E-04	2.48E-07	7.50E-07	8.29E-09	9.72E-08	1.05E-07	2.58E-05	1.27E-05
5537	488392.82, 3860760.27	6.89E-04	7.20E-07	4.17E-07	9.91E-08	9.69E-09	1.09E-07	6.97E-04	2.41E-07	7.29E-07	8.06E-09	9.44E-08	1.02E-07	1.18E-05	5.91E-06
5538	487549.05, 3860777.45	5.76E-04	6.02E-07	3.49E-07	8.29E-08	8.10E-09	9.10E-08	5.92E-04	2.05E-07	6.19E-07	6.84E-09	8.02E-08	8.70E-08	4.16E-06	2.14E-06
5539	487554.62, 3859571.83	9.06E-04	9.47E-07	5.48E-07	1.30E-07	1.27E-08	1.43E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	2.72E-05	1.34E-05
5540	485949.46, 3859558.54	6.20E-04	6.48E-07	3.75E-07	8.92E-08	8.72E-09	9.79E-08	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	4.29E-06	2.22E-06
5541	485947.55, 3857943.61	9.71E-04	1.02E-06	5.88E-07	1.40E-07	1.37E-08	1.53E-07	1.80E-03	6.23E-07	1.88E-06	2.08E-08	2.44E-07	2.64E-07	1.49E-05	7.53E-06
5542	484738.38, 3857940.21	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	5.20E-06	2.69E-06
5543	484737.06, 3857535.68	7.54E-04	7.88E-07	4.56E-07	1.08E-07	1.06E-08	1.19E-07	1.16E-03	4.01E-07	1.21E-06	1.34E-08	1.57E-07	1.70E-07	7.22E-06	3.71E-06
5544	483730.2, 3857530.13	6.07E-04	6.35E-07	3.67E-07	8.73E-08	8.54E-09	9.59E-08	7.91E-04	2.74E-07	8.27E-07	9.14E-09	1.07E-07	1.16E-07	4.72E-06	2.44E-06
5545	483727.27, 3857130.01	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	9.24E-04	3.20E-07	9.66E-07	1.07E-08	1.25E-07	1.36E-07	9.11E-06	4.60E-06
5546	483124.42, 3857123.45	5.96E-04	6.23E-07	3.60E-07	8.57E-08	8.38E-09	9.41E-08	7.69E-04	2.66E-07	8.04E-07	8.89E-09	1.04E-07	1.13E-07	5.35E-06	2.74E-06
5547	483111.13, 3855921.03	7.85E-04	8.21E-07	4.75E-07	1.13E-07	1.10E-08	1.24E-07	1.31E-03	4.54E-07	1.37E-06	1.52E-08	1.78E-07	1.93E-07	2.32E-05	1.15E-05
5548	482701.73, 3855918.24	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	8.74E-06	4.44E-06
5549	482668.02, 3853521.78	8.05E-03	8.42E-06	4.87E-06	1.16E-06	1.13E-07	1.27E-06	8.86E-03	3.07E-06	9.26E-06	1.02E-07	1.20E-06	1.30E-06	1.68E-05	9.91E-06
5550	482579.91, 3853219.19	1.12E-02	1.17E-05	6.76E-06	1.61E-06	1.57E-07	1.76E-06	1.07E-02	3.70E-06	1.12E-05	1.23E-07	1.45E-06	1.57E-06	1.50E-05	9.49E-06
5551	482434.06, 3852961.94	1.60E-02	1.67E-05	9.66E-06	2.30E-06	2.25E-07	2.52E-06	1.51E-02	5.21E-06	1.57E-05	1.74E-07	2.04E-06	2.21E-06	1.54E-05	1.06E-05
5552	482332.11, 3852832.85	2.08E-02	2.17E-05	1.26E-05	2.99E-06	2.92E-07	3.28E-06	1.95E-02	6.77E-06	2.04E-05	2.26E-07	2.65E-06	2.87E-06	1.61E-05	1.19E-05
5553	481334.99, 3851818.96	1.71E-02	1.78E-05	1.03E-05	2.45E-06	2.40E-07	2.69E-06	1.61E-02	5.58E-06	1.69E-05	1.86E-07	2.18E-06	2.37E-06	1.32E-05	9.71E-06
5554	481127.62, 3851646.36	1.45E-02	1.51E-05	8.77E-06	2.08E-06	2.04E-07	2.29E-06	1.39E-02	4.80E-06	1.45E-05	1.60E-07	1.88E-06	2.04E-06	1.30E-05	9.15E-06
5555	481025.04, 3851591.73	1.31E-02	1.37E-05	7.95E-06	1.89E-06	1.85E-07	2.07E-06	1.27E-02	4.39E-06	1.32E-05	1.46E-07	1.72E-06	1.86E-06	1.21E-05	8.45E-06
5556	480513.6, 3851335.76	1.37E-02	1.44E-05	8.32E-06	1.98E-06	1.93E-07	2.17E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	1.25E-05	8.76E-06
5557	480523.56, 3851317.66	1.86E-02	1.95E-05	1.13E-05	2.68E-06	2.62E-07	2.94E-06	1.75E-02	6.07E-06	1.83E-05	2.03E-07	2.38E-06	2.58E-06	1.63E-05	1.15E-05
5558	476921.56, 3849569.11	1.62E-02	1.69E-05	9.79E-06	2.33E-06	2.28E-07	2.55E-06	1.55E-02	5.35E-06	1.61E-05	1.79E-07	2.09E-06	2.27E-06	1.26E-05	9.30E-06
5559	476521.19, 3849373.96	1.94E-02	2.02E-05	1.17E-05	2.78E-06	2.72E-07	3.06E-06	1.86E-02	6.44E-06	1.94E-05	2.15E-07	2.52E-06	2.73E-06	1.48E-05	1.10E-05
5560	476391.45, 3849333.38	2.08E-02	2.17E-05	1.26E-05	2.99E-06	2.92E-07	3.28E-06	1.99E-02	6.88E-06	2.08E-05	2.30E-07	2.69E-06	2.92E-06	1.53E-05	1.15E-05
5561	476219.41, 3849304.29	1.82E-02	1.90E-05	1.10E-05	2.62E-06	2.56E-07	2.88E-06	1.73E-02	6.00E-06	1.81E-05	2.00E-07	2.35E-06	2.55E-06	1.38E-05	1.02E-05
5562	475679.11, 3849218.47	1.47E-02	1.54E-05	8.90E-06	2.11E-06	2.07E-07	2.32E-06	1.41E-02	4.87E-06	1.47E-05	1.63E-07	1.91E-06	2.07E-06	1.23E-05	8.87E-06
5563	475677.71, 3849233.88	1.18E-02	1.23E-05	7.13E-06	1.69E-06	1.66E-07	1.86E-06	1.13E-02	3.90E-06	1.18E-05	1.30E-07	1.53E-06	1.66E-06	9.84E-06	7.09E-06
5564	475492.74, 3849204.66	8.25E-03	8.62E-06	4.99E-06	1.19E-06	1.16E-07	1.30E-06	7.86E-03	2.72E-06	8.22E-06	9.09E-08	1.06E-06	1.16E-06	7.55E-06	5.28E-06
5565	475497.64, 3849158.75	1.94E-02	2.03E-05	1.17E-05	2.79E-06	2.73E-07	3.06E-06	1.85E-02	6.41E-06	1.93E-05	2.14E-07	2.51E-06	2.72E-06	1.89E-05	1.30E-05
5566	475391.35, 3849141.94	1.48E-02	1.54E-05	8.94E-06	2.13E-06	2.08E-07	2.33E-06	1.41E-02	4.89E-06	1.48E-05	1.63E-07	1.91E-06	2.08E-06	1.19E-05	8.66E-06
5567	475277, 3849095.47	1.43E-02	1.49E-05	8.63E-06	2.05E-06	2.01E-07	2.25E-06	1.36E-02	4.72E-06	1.42E-05	1.58E-07	1.85E-06	2.00E-06	1.13E-05	8.29E-06
5568	475183.93, 3849025.66	1.87E-02	1.95E-05	1.13E-05	2.68E-06	2.63E-07	2.95E-06	1.78E-02	6.15E-06	1.86E-05	2.05E-07	2.41E-06	2.61E-06	1.39E-05	1.04E-05
5569	474453.23, 3848378.77	2.66E-02	2.78E-05	1.61E-05	3.83E-06	3.75E-07	4.20E-06	2.54E-02	8.79E-06	2.65E-05	2.93E-07	3.44E-06	3.73E-06	1.44E-05	1.22E-05
5570	474569.63, 3848399.34	5.74E-02	6.00E-05	3.47E-05	8.25E-06	8.07E-07	9.06E-06	5.46E-02	1.89E-05	5.71E-05	6.32E-07	7.40E-06	8.03E-06	2.59E-05	2.38E-05
5571	474644.33, 3848464.52	5.82E-02	6.08E-05	3.52E-05	8.37E-06	8.18E-07	9.19E-06	5.54E-02	1.92E-05	5.79E-05	6.41E-07	7.51E-06	8.15E-06	2.66E-05	2.43E-05
5572	474719.04, 3848529.7	5.94E-02	6.20E-05	3.59E-05	8.54E-06	8.35E-07	9.37E-06	5.66E-02	1.96E-05	5.91E-05	6.54E-07	7.66E-06	8.31E-06	2.74E-05	2.49E-05
5573	474793.74, 3848594.88	6.04E-02	6.31E-05	3.65E-05	8.69E-06	8.49E-07	9.54E-06	5.76E-02	1.99E-05	6.02E-05	6.65E-07	7.79E-06	8.46E-06	2.81E-05	2.54E-05
5574	474868.45, 3848660.07	6.07E-02	6.35E-05	3.67E-05	8.73E-06	8.54E-07	9.59E-06	5.79E-02	2.00E-05	6.05E-05	6.69E-07	7.84E-06	8.51E-06	2.85E-05	2.57E-05
5575	474943.15, 3848725.25	6.18E-02	6.46E-05	3.74E-05	8.89E-06	8.69E-07	9.76E-06	5.89E-02	2.04E-05	6.16E-05	6.81E-07	7.98E-06	8.66E-06	2.93E-05	2.63E-05
5576	475017.86, 3848790.43	6.38E-02	6.67E-05	3.86E-05	9.18E-06	8.98E-07	1.01E-05	6.09E-02	2.11E-05	6.36E-05	7.04E-07	8.25E-06	8.95E-06	3.05E-05	2.73E-05

5577	475092.56, 3848855.61	6.52E-02	6.81E-05	3.94E-05	9.37E-06	9.17E-07	1.03E-05	6.22E-02	2.15E-05	6.50E-05	7.19E-07	8.42E-06	9.14E-06	3.15E-05	2.80E-05
5578	475232.58, 3848959.38	5.50E-02	5.75E-05	3.33E-05	7.90E-06	7.73E-07	8.68E-06	5.24E-02	1.81E-05	5.48E-05	6.06E-07	7.10E-06	7.70E-06	2.94E-05	2.50E-05
5579	475368.47, 3849029.98	5.74E-02	6.00E-05	3.47E-05	8.25E-06	8.07E-07	9.06E-06	5.43E-02	1.88E-05	5.67E-05	6.28E-07	7.35E-06	7.98E-06	3.12E-05	2.63E-05
5580	475609.57, 3849096.09	4.76E-02	4.98E-05	2.88E-05	6.85E-06	6.70E-07	7.52E-06	4.52E-02	1.56E-05	4.72E-05	5.22E-07	6.12E-06	6.64E-06	2.81E-05	2.30E-05
5581	475680.68, 3849116.62	5.50E-02	5.75E-05	3.33E-05	7.91E-06	7.73E-07	8.68E-06	5.19E-02	1.80E-05	5.42E-05	6.00E-07	7.03E-06	7.63E-06	3.04E-05	2.55E-05
5582	475843.76, 3849151.52	6.77E-02	7.08E-05	4.10E-05	9.74E-06	9.53E-07	1.07E-05	6.41E-02	2.22E-05	6.70E-05	7.41E-07	8.68E-06	9.42E-06	3.49E-05	3.02E-05
5583	475935.73, 3849165.89	6.21E-02	6.49E-05	3.76E-05	8.93E-06	8.74E-07	9.81E-06	5.90E-02	2.04E-05	6.17E-05	6.82E-07	7.99E-06	8.67E-06	3.27E-05	2.80E-05
5584	476027.7, 3849180.26	6.20E-02	6.48E-05	3.75E-05	8.91E-06	8.71E-07	9.78E-06	5.90E-02	2.04E-05	6.16E-05	6.82E-07	7.98E-06	8.67E-06	3.28E-05	2.80E-05
5585	476119.68, 3849194.64	6.47E-02	6.76E-05	3.91E-05	9.30E-06	9.09E-07	1.02E-05	6.17E-02	2.14E-05	6.45E-05	7.13E-07	8.35E-06	9.07E-06	3.44E-05	2.94E-05
5586	476211.65, 3849209.01	6.38E-02	6.67E-05	3.86E-05	9.18E-06	8.98E-07	1.01E-05	6.10E-02	2.11E-05	6.38E-05	7.06E-07	8.27E-06	8.97E-06	3.44E-05	2.92E-05
5587	476497.8, 3849283.9	8.45E-02	8.83E-05	5.11E-05	1.21E-05	1.19E-06	1.33E-05	7.92E-02	2.74E-05	8.28E-05	9.16E-07	1.07E-05	1.16E-05	4.24E-05	3.69E-05
5588	476603.73, 3849323.77	8.40E-02	8.78E-05	5.08E-05	1.21E-05	1.18E-06	1.33E-05	7.89E-02	2.73E-05	8.25E-05	9.12E-07	1.07E-05	1.16E-05	4.26E-05	3.70E-05
5589	476728.99, 3849382.76	7.72E-02	8.07E-05	4.67E-05	1.11E-05	1.09E-06	1.22E-05	7.28E-02	2.52E-05	7.61E-05	8.41E-07	9.86E-06	1.07E-05	4.07E-05	3.48E-05
5590	476801.27, 3849418.65	7.69E-02	8.04E-05	4.65E-05	1.11E-05	1.08E-06	1.21E-05	7.27E-02	2.52E-05	7.60E-05	8.41E-07	9.85E-06	1.07E-05	4.11E-05	3.49E-05
5591	476956.2, 3849495.05	7.66E-02	8.00E-05	4.63E-05	1.10E-05	1.08E-06	1.21E-05	7.28E-02	2.52E-05	7.61E-05	8.41E-07	9.86E-06	1.07E-05	4.18E-05	3.52E-05
5592	477038.84, 3849535.56	7.74E-02	8.09E-05	4.69E-05	1.11E-05	1.09E-06	1.22E-05	7.38E-02	2.55E-05	7.71E-05	8.53E-07	9.99E-06	1.08E-05	4.26E-05	3.58E-05
5593	477121.48, 3849576.08	7.69E-02	8.04E-05	4.65E-05	1.11E-05	1.08E-06	1.21E-05	7.35E-02	2.54E-05	7.68E-05	8.49E-07	9.95E-06	1.08E-05	4.28E-05	3.58E-05
5594	477204.13, 3849616.6	7.71E-02	8.06E-05	4.67E-05	1.11E-05	1.08E-06	1.22E-05	7.39E-02	2.56E-05	7.73E-05	8.54E-07	1.00E-05	1.09E-05	4.33E-05	3.62E-05
5595	477286.78, 3849657.12	7.22E-02	7.55E-05	4.37E-05	1.04E-05	1.02E-06	1.14E-05	6.95E-02	2.41E-05	7.27E-05	8.04E-07	9.41E-06	1.02E-05	4.20E-05	3.46E-05
5596	477369.42, 3849697.63	7.68E-02	8.03E-05	4.65E-05	1.10E-05	1.08E-06	1.21E-05	7.39E-02	2.56E-05	7.72E-05	8.54E-07	1.00E-05	1.09E-05	4.38E-05	3.64E-05
5597	477452.07, 3849738.15	7.64E-02	7.98E-05	4.62E-05	1.10E-05	1.07E-06	1.21E-05	7.39E-02	2.56E-05	7.73E-05	8.54E-07	1.00E-05	1.09E-05	4.41E-05	3.65E-05
5598	477534.71, 3849778.67	7.87E-02	8.22E-05	4.76E-05	1.13E-05	1.11E-06	1.24E-05	7.61E-02	2.64E-05	7.96E-05	8.80E-07	1.03E-05	1.12E-05	4.51E-05	3.74E-05
5599	477617.35, 3849819.18	7.82E-02	8.17E-05	4.73E-05	1.12E-05	1.10E-06	1.23E-05	7.59E-02	2.63E-05	7.93E-05	8.77E-07	1.03E-05	1.11E-05	4.54E-05	3.75E-05
5600	477824.74, 3849896.37	5.15E-02	5.38E-05	3.12E-05	7.40E-06	7.24E-07	8.13E-06	4.98E-02	1.73E-05	5.21E-05	5.76E-07	6.75E-06	7.33E-06	3.69E-05	2.81E-05
5601	477906.31, 3849936.37	5.27E-02	5.51E-05	3.19E-05	7.58E-06	7.41E-07	8.32E-06	5.14E-02	1.78E-05	5.37E-05	5.94E-07	6.95E-06	7.55E-06	3.80E-05	2.89E-05
5602	477987.89, 3849976.36	5.29E-02	5.53E-05	3.20E-05	7.60E-06	7.44E-07	8.35E-06	5.14E-02	1.78E-05	5.38E-05	5.94E-07	6.96E-06	7.56E-06	3.80E-05	2.89E-05
5603	478069.47, 3850016.36	5.32E-02	5.56E-05	3.22E-05	7.65E-06	7.49E-07	8.40E-06	5.20E-02	1.80E-05	5.44E-05	6.01E-07	7.04E-06	7.64E-06	3.83E-05	2.92E-05
5604	478151.04, 3850056.35	5.34E-02	5.58E-05	3.23E-05	7.67E-06	7.50E-07	8.42E-06	5.23E-02	1.81E-05	5.46E-05	6.04E-07	7.08E-06	7.68E-06	3.84E-05	2.93E-05
5605	478232.62, 3850096.35	5.38E-02	5.63E-05	3.26E-05	7.74E-06	7.57E-07	8.50E-06	5.28E-02	1.83E-05	5.52E-05	6.10E-07	7.15E-06	7.76E-06	3.85E-05	2.94E-05
5606	478314.2, 3850136.34	5.39E-02	5.63E-05	3.26E-05	7.75E-06	7.58E-07	8.51E-06	5.30E-02	1.83E-05	5.54E-05	6.13E-07	7.18E-06	7.79E-06	3.85E-05	2.95E-05
5607	478395.77, 3850176.34	5.39E-02	5.64E-05	3.26E-05	7.75E-06	7.58E-07	8.51E-06	5.31E-02	1.84E-05	5.55E-05	6.14E-07	7.20E-06	7.81E-06	3.86E-05	2.95E-05
5608	478575.43, 3850244.45	4.13E-02	4.32E-05	2.50E-05	5.94E-06	5.81E-07	6.52E-06	4.06E-02	1.41E-05	4.25E-05	4.70E-07	5.50E-06	5.97E-06	3.44E-05	2.49E-05
5609	478665.06, 3850287.29	4.08E-02	4.27E-05	2.47E-05	5.87E-06	5.74E-07	6.44E-06	4.02E-02	1.39E-05	4.20E-05	4.65E-07	5.44E-06	5.91E-06	3.46E-05	2.49E-05
5610	478754.69, 3850330.14	4.03E-02	4.21E-05	2.44E-05	5.79E-06	5.66E-07	6.36E-06	3.97E-02	1.37E-05	4.15E-05	4.59E-07	5.38E-06	5.84E-06	3.46E-05	2.49E-05
5611	478844.32, 3850372.99	3.95E-02	4.12E-05	2.39E-05	5.67E-06	5.55E-07	6.23E-06	3.90E-02	1.35E-05	4.07E-05	4.50E-07	5.28E-06	5.73E-06	3.46E-05	2.47E-05
5612	478933.95, 3850415.84	3.85E-02	4.03E-05	2.33E-05	5.54E-06	5.42E-07	6.08E-06	3.80E-02	1.32E-05	3.97E-05	4.40E-07	5.15E-06	5.59E-06	3.47E-05	2.46E-05
5613	479023.58, 3850458.68	3.89E-02	4.06E-05	2.35E-05	5.59E-06	5.47E-07	6.14E-06	3.85E-02	1.33E-05	4.02E-05	4.45E-07	5.21E-06	5.66E-06	3.62E-05	2.54E-05
5614	479110.66, 3850441.9	2.24E-02	2.34E-05	1.35E-05	3.22E-06	3.15E-07	3.53E-06	2.18E-02	7.55E-06	2.28E-05	2.52E-07	2.96E-06	3.21E-06	2.62E-05	1.72E-05
5615	479191.22, 3850423.99	1.58E-02	1.65E-05	9.57E-06	2.27E-06	2.22E-07	2.50E-06	1.53E-02	5.30E-06	1.60E-05	1.77E-07	2.07E-06	2.25E-06	2.31E-05	1.44E-05
5616	479274.32, 3850465.71	1.60E-02	1.67E-05	9.66E-06	2.30E-06	2.25E-07	2.52E-06	1.55E-02	5.36E-06	1.62E-05	1.79E-07	2.10E-06	2.28E-06	2.77E-05	1.66E-05
5617	479357.43, 3850507.42	1.61E-02	1.68E-05	9.74E-06	2.31E-06	2.26E-07	2.54E-06	1.56E-02	5.41E-06	1.63E-05	1.81E-07	2.12E-06	2.30E-06	2.96E-05	1.76E-05
5618	479440.53, 3850549.14	1.60E-02	1.68E-05	9.71E-06	2.31E-06	2.26E-07	2.53E-06	1.56E-02	5.41E-06	1.63E-05	1.81E-07	2.11E-06	2.30E-06	3.05E-05	1.80E-05
5619	479523.64, 3850590.85	1.61E-02	1.68E-05	9.72E-06	2.31E-06	2.26E-07	2.53E-06	1.56E-02	5.41E-06	1.63E-05	1.81E-07	2.12E-06	2.30E-06	3.10E-05	1.82E-05
5620	479606.74, 3850632.57	1.62E-02	1.69E-05	9.79E-06	2.33E-06	2.27E-07	2.55E-06	1.58E-02	5.46E-06	1.65E-05	1.82E-07	2.14E-06	2.32E-06	3.13E-05	1.84E-05
5621	479777.37, 3850707.61	1.54E-02	1.61E-05	9.32E-06	2.21E-06	2.17E-07	2.43E-06	1.50E-02	5.19E-06	1.57E-05	1.73E-07	2.03E-06	2.21E-06	2.94E-05	1.73E-05
5622	479864.9, 3850740.95	1.47E-02	1.54E-05	8.92E-06	2.12E-06	2.07E-07	2.33E-06	1.43E-02	4.97E-06	1.50E-05	1.66E-07	1.94E-06	2.11E-06	2.66E-05	1.59E-05
5623	479931.87, 3850829.56	2.03E-02	2.12E-05	1.23E-05	2.92E-06	2.86E-07	3.21E-06	1.99E-02	6.89E-06	2.08E-05	2.30E-07	2.70E-06	2.93E-06	2.86E-05	1.79E-05
5624	479995.55, 3850926.75	3.61E-02	3.78E-05	2.19E-05	5.20E-06	5.08E-07	5.70E-06	3.58E-02	1.24E-05	3.74E-05	4.14E-07	4.85E-06	5.26E-06	3.38E-05	2.37E-05
5625	480079.78, 3850968.64	3.62E-02	3.78E-05	2.19E-05	5.21E-06	5.09E-07	5.72E-06	3.57E-02	1.24E-05	3.73E-05	4.12E-07	4.83E-06	5.24E-06	3.34E-05	2.34E-05
5626	480164.01, 3851010.54	3.64E-02	3.81E-05	2.20E-05	5.24E-06	5.12E-07	5.75E-06	3.57E-02	1.23E-05	3.73E-05	4.12E-07	4.83E-06	5.24E-06	3.32E-05	2.34E-05
5627	480248.23, 3851052.43	3.64E-02	3.81E-05	2.20E-05	5.24E-06	5.12E-07	5.75E-06	3.54E-02	1.23E-05	3.70E-05	4.10E-07	4.80E-06	5.21E-06	3.30E-05	2.33E-05
5628	480332.46, 3851094.33	3.69E-02	3.86E-05	2.23E-05	5.31E-06	5.19E-07	5.83E-06	3.58E-02	1.24E-05	3.74E-05	4.13E-07	4.84E-06	5.25E-06	3.31E-05	2.34E-05
5629	480416.69, 3851136.22	3.77E-02	3.94E-05	2.28E-05	5.42E-06	5.30E-07	5.95E-06	3.64E-02	1.26E-05	3.81E-05	4.21E-07	4.93E-06	5.35E-06	3.35E-05	2.37E-05
5630	480579.95, 3851215.17	3.74E-02	3.91E-05	2.27E-05	5.38E-06	5.26E-07	5.91E-06	3.59E-02	1.24E-05	3.75E-05	4.15E-07	4.86E-06	5.28E-06	3.33E-05	2.35E-05
5631	480658.98, 3851252.22	3.68E-02	3.84E-05	2.23E-05	5.29E-06	5.17E-07	5.81E-06	3.51E-02	1.22E-05	3.67E-05	4.06E-07	4.75E-06	5.16E-06	3.31E-05	2.33E-05
5632	480817.36, 3851327.85	3.61E-02	3.77E-05	2.18E-05	5.19E-06	5.07E-07	5.70E-06	3.41E-02	1.18E-05	3.57E-05	3.95E-07	4.62E-06	5.02E-06	3.33E-05	2.32E-05
5633	480896.71, 3851366.42	3.60E-02	3.76E-05	2.18E-05	5.17E-06	5.06E-07	5.68E-06	3.39E-02	1.17E-05	3.54E-05	3.92E-07	4.59E-06	4.98E-06	3.32E-05	2.31E-05
5634	480976.07, 3851405	3.58E-02	3.74E-05	2.17E-05	5.15E-06	5.04E-07	5.65E-06	3.36E-02	1.16E-05	3.51E-05	3.88E-07	4.55E-06	4.94E-06	3.31E-05	2.31E-05
5635	481178, 3851487.31	2.88E-02	3.01E-05	1.74E-05	4.14E-06	4.05E-07	4.55E-06	2.70E-02	9.36E-06	2.83E-05	3.12E-07	3.66E-06	3.97E-06	2.84E-05	1.94E-05
5636	481244.9, 3851557.17	3.55E-02	3.71E-05	2.15E-05	5.10E-06	4.99E-07	5.60E-06	3.37E-02	1.17E-05	3.53E-05	3.90E-07	4.57E-06	4.96E-06	3.03E-05	2.17E-05
5637	481311.81, 3851627.03	4.05E-02	4.23E-05	2.45E-05	5.82E-06	5.70E-07	6.39E-06	3.87E-02	1.34E-05	4.05E-05	4.47E-07	5.24E-06	5.69E-06	3.09E-05	2.30E-05
5638	481378.71, 3851696.89	3.88E-02	4.06E-05	2.35E-05	5.58E-06	5.46E-07	6.13E-06	3.72E-02	1.29E-05	3.89E-05	4.30E-07	5.04E-06	5.47E-06	2.92E-05	2.18E-05

5639	481445.61, 3851766.76	3.84E-02	4.01E-05	2.32E-05	5.52E-06	5.40E-07	6.06E-06	3.68E-02	1.27E-05	3.85E-05	4.25E-07	4.98E-06	5.41E-06	2.82E-05	2.12E-05
5640	481512.51, 3851836.62	3.83E-02	4.01E-05	2.32E-05	5.51E-06	5.39E-07	6.05E-06	3.68E-02	1.27E-05	3.84E-05	4.25E-07	4.98E-06	5.40E-06	2.78E-05	2.11E-05
5641	481579.42, 3851906.48	3.81E-02	3.98E-05	2.30E-05	5.48E-06	5.36E-07	6.01E-06	3.65E-02	1.26E-05	3.82E-05	4.22E-07	4.95E-06	5.37E-06	2.77E-05	2.09E-05
5642	481646.32, 3851976.34	3.84E-02	4.01E-05	2.32E-05	5.52E-06	5.40E-07	6.06E-06	3.68E-02	1.28E-05	3.85E-05	4.26E-07	4.99E-06	5.41E-06	2.79E-05	2.11E-05
5643	481713.22, 3852046.2	3.81E-02	3.99E-05	2.31E-05	5.48E-06	5.36E-07	6.02E-06	3.66E-02	1.27E-05	3.82E-05	4.23E-07	4.95E-06	5.38E-06	2.79E-05	2.10E-05
5644	481780.12, 3852116.06	3.85E-02	4.02E-05	2.33E-05	5.53E-06	5.41E-07	6.07E-06	3.69E-02	1.28E-05	3.86E-05	4.26E-07	5.00E-06	5.42E-06	2.81E-05	2.12E-05
5645	481847.03, 3852185.92	3.90E-02	4.07E-05	2.36E-05	5.61E-06	5.48E-07	6.15E-06	3.74E-02	1.29E-05	3.91E-05	4.32E-07	5.07E-06	5.50E-06	2.84E-05	2.15E-05
5646	481913.93, 3852255.78	3.93E-02	4.11E-05	2.38E-05	5.65E-06	5.52E-07	6.20E-06	3.77E-02	1.30E-05	3.94E-05	4.35E-07	5.10E-06	5.54E-06	2.87E-05	2.16E-05
5647	481980.83, 3852325.65	3.97E-02	4.15E-05	2.40E-05	5.71E-06	5.59E-07	6.27E-06	3.81E-02	1.32E-05	3.98E-05	4.41E-07	5.16E-06	5.60E-06	2.90E-05	2.19E-05
5648	482047.73, 3852395.51	3.99E-02	4.17E-05	2.41E-05	5.74E-06	5.61E-07	6.30E-06	3.82E-02	1.32E-05	3.99E-05	4.42E-07	5.18E-06	5.62E-06	2.91E-05	2.20E-05
5649	482114.64, 3852465.37	3.99E-02	4.17E-05	2.41E-05	5.74E-06	5.61E-07	6.30E-06	3.82E-02	1.32E-05	4.00E-05	4.42E-07	5.18E-06	5.62E-06	2.92E-05	2.20E-05
5650	482181.54, 3852535.23	4.04E-02	4.23E-05	2.45E-05	5.82E-06	5.69E-07	6.38E-06	3.88E-02	1.34E-05	4.05E-05	4.48E-07	5.25E-06	5.70E-06	2.96E-05	2.23E-05
5651	482338.69, 3852700.04	4.13E-02	4.32E-05	2.50E-05	5.94E-06	5.81E-07	6.53E-06	3.97E-02	1.37E-05	4.15E-05	4.58E-07	5.37E-06	5.83E-06	3.03E-05	2.28E-05
5652	482404.05, 3852767.78	4.11E-02	4.29E-05	2.48E-05	5.90E-06	5.77E-07	6.48E-06	3.94E-02	1.36E-05	4.11E-05	4.55E-07	5.33E-06	5.79E-06	3.04E-05	2.28E-05
5653	482469.4, 3852835.52	4.13E-02	4.31E-05	2.50E-05	5.93E-06	5.80E-07	6.51E-06	3.96E-02	1.37E-05	4.14E-05	4.58E-07	5.36E-06	5.82E-06	3.09E-05	2.31E-05
5654	482534.75, 3852903.25	4.12E-02	4.31E-05	2.49E-05	5.93E-06	5.80E-07	6.51E-06	3.96E-02	1.37E-05	4.14E-05	4.58E-07	5.36E-06	5.82E-06	3.18E-05	2.35E-05
5655	482600.11, 3852970.99	4.04E-02	4.22E-05	2.44E-05	5.81E-06	5.68E-07	6.38E-06	3.86E-02	1.34E-05	4.04E-05	4.47E-07	5.23E-06	5.68E-06	3.26E-05	2.37E-05
5656	482706.71, 3853119.28	3.31E-02	3.46E-05	2.00E-05	4.75E-06	4.65E-07	5.22E-06	3.13E-02	1.08E-05	3.27E-05	3.62E-07	4.24E-06	4.60E-06	3.06E-05	2.13E-05
5657	482747.96, 3853199.84	3.35E-02	3.50E-05	2.03E-05	4.81E-06	4.71E-07	5.29E-06	3.17E-02	1.10E-05	3.32E-05	3.67E-07	4.30E-06	4.67E-06	3.11E-05	2.16E-05
5658	482789.21, 3853280.4	3.20E-02	3.35E-05	1.94E-05	4.61E-06	4.51E-07	5.06E-06	3.00E-02	1.04E-05	3.13E-05	3.46E-07	4.06E-06	4.40E-06	3.13E-05	2.14E-05
5659	482830.46, 3853360.96	2.87E-02	3.00E-05	1.74E-05	4.12E-06	4.03E-07	4.53E-06	2.53E-02	8.75E-06	2.64E-05	2.92E-07	3.42E-06	3.72E-06	3.08E-05	2.03E-05
5660	482871.71, 3853441.52	2.59E-02	2.71E-05	1.57E-05	3.72E-06	3.64E-07	4.09E-06	2.17E-02	7.51E-06	2.27E-05	2.51E-07	2.94E-06	3.19E-06	3.07E-05	1.96E-05
5661	482912.95, 3853522.07	2.43E-02	2.54E-05	1.47E-05	3.49E-06	3.42E-07	3.83E-06	1.89E-02	6.55E-06	1.98E-05	2.19E-07	2.56E-06	2.78E-06	3.12E-05	1.94E-05
5662	482954.2, 3853602.63	2.32E-02	2.42E-05	1.40E-05	3.33E-06	3.26E-07	3.66E-06	1.56E-02	5.39E-06	1.63E-05	1.80E-07	2.11E-06	2.29E-06	3.18E-05	1.92E-05
5663	482995.45, 3853683.19	2.22E-02	2.32E-05	1.34E-05	3.20E-06	3.13E-07	3.51E-06	1.30E-02	4.51E-06	1.36E-05	1.51E-07	1.76E-06	1.92E-06	3.26E-05	1.92E-05
5664	483036.7, 3853763.75	2.14E-02	2.24E-05	1.30E-05	3.08E-06	3.01E-07	3.38E-06	1.12E-02	3.87E-06	1.17E-05	1.29E-07	1.51E-06	1.64E-06	3.39E-05	1.96E-05
5665	483214.2, 3853909.91	1.20E-02	1.25E-05	7.24E-06	1.72E-06	1.68E-07	1.89E-06	6.28E-03	2.18E-06	6.57E-06	7.26E-08	8.51E-07	9.24E-07	3.64E-05	1.94E-05
5666	483307.01, 3853910.44	9.29E-03	9.71E-06	5.62E-06	1.34E-06	1.31E-07	1.47E-06	5.23E-03	1.81E-06	5.47E-06	6.04E-08	7.08E-07	7.69E-07	3.37E-05	1.78E-05
5667	483399.83, 3853910.96	7.62E-03	7.97E-06	4.61E-06	1.10E-06	1.07E-07	1.20E-06	4.45E-03	1.54E-06	4.65E-06	5.14E-08	6.02E-07	6.54E-07	3.11E-05	1.63E-05
5668	483494.52, 3854009.24	8.43E-03	8.81E-06	5.10E-06	1.21E-06	1.19E-07	1.33E-06	3.99E-03	1.38E-06	4.17E-06	4.61E-08	5.41E-07	5.87E-07	3.53E-05	1.83E-05
5669	483496.41, 3854106.98	1.24E-02	1.29E-05	7.48E-06	1.78E-06	1.74E-07	1.95E-06	4.08E-03	1.41E-06	4.27E-06	4.72E-08	5.53E-07	6.00E-07	3.81E-05	2.00E-05
5670	483577.56, 3854261.96	2.29E-02	2.39E-05	1.38E-05	3.29E-06	3.22E-07	3.61E-06	3.67E-03	1.27E-06	3.83E-06	4.24E-08	4.96E-07	5.39E-07	4.22E-05	2.28E-05
5671	483656.83, 3854319.19	2.44E-02	2.55E-05	1.47E-05	3.50E-06	3.43E-07	3.85E-06	3.30E-03	1.14E-06	3.45E-06	3.82E-08	4.47E-07	4.85E-07	4.34E-05	2.35E-05
5672	483736.1, 3854376.41	2.59E-02	2.71E-05	1.57E-05	3.72E-06	3.64E-07	4.09E-06	3.01E-03	1.04E-06	3.14E-06	3.47E-08	4.07E-07	4.42E-07	4.46E-05	2.41E-05
5673	483815.36, 3854433.64	2.78E-02	2.91E-05	1.68E-05	4.00E-06	3.91E-07	4.39E-06	2.77E-03	9.60E-07	2.90E-06	3.21E-08	3.75E-07	4.08E-07	4.60E-05	2.50E-05
5674	483894.63, 3854490.87	3.00E-02	3.14E-05	1.82E-05	4.31E-06	4.22E-07	4.74E-06	2.58E-03	8.93E-07	2.70E-06	2.98E-08	3.49E-07	3.79E-07	4.76E-05	2.59E-05
5675	483973.9, 3854548.09	3.22E-02	3.37E-05	1.95E-05	4.63E-06	4.53E-07	5.09E-06	2.43E-03	8.41E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	4.96E-05	2.70E-05
5676	484053.17, 3854605.32	3.57E-02	3.73E-05	2.16E-05	5.13E-06	5.01E-07	5.63E-06	2.34E-03	8.09E-07	2.44E-06	2.70E-08	3.17E-07	3.44E-07	5.18E-05	2.84E-05
5677	484214.97, 3854698.15	3.68E-02	3.85E-05	2.23E-05	5.29E-06	5.18E-07	5.81E-06	2.19E-03	7.59E-07	2.29E-06	2.53E-08	2.97E-07	3.22E-07	5.25E-05	2.88E-05
5678	484297.5, 3854733.74	3.74E-02	3.91E-05	2.27E-05	5.38E-06	5.26E-07	5.91E-06	2.17E-03	7.50E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	5.24E-05	2.88E-05
5679	484380.03, 3854769.34	3.68E-02	3.84E-05	2.22E-05	5.29E-06	5.17E-07	5.80E-06	2.11E-03	7.30E-07	2.21E-06	2.44E-08	2.86E-07	3.10E-07	5.32E-05	2.91E-05
5680	484462.56, 3854804.94	3.66E-02	3.82E-05	2.21E-05	5.26E-06	5.14E-07	5.77E-06	2.10E-03	7.26E-07	2.19E-06	2.42E-08	2.84E-07	3.08E-07	5.37E-05	2.94E-05
5681	484545.09, 3854840.53	3.51E-02	3.67E-05	2.13E-05	5.05E-06	4.94E-07	5.55E-06	2.04E-03	7.07E-07	2.14E-06	2.36E-08	2.77E-07	3.00E-07	5.42E-05	2.95E-05
5682	484691.88, 3854912.58	3.69E-02	3.86E-05	2.24E-05	5.31E-06	5.20E-07	5.83E-06	2.04E-03	7.08E-07	2.14E-06	2.36E-08	2.77E-07	3.00E-07	5.45E-05	2.98E-05
5683	484830.81, 3855012.51	3.12E-02	3.26E-05	1.89E-05	4.49E-06	4.39E-07	4.93E-06	2.07E-03	7.18E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	5.27E-05	2.84E-05
5684	484905.48, 3855075.97	2.88E-02	3.01E-05	1.74E-05	4.15E-06	4.05E-07	4.55E-06	2.15E-03	7.46E-07	2.25E-06	2.49E-08	2.92E-07	3.17E-07	5.21E-05	2.79E-05
5685	484980.14, 3855139.44	2.73E-02	2.86E-05	1.65E-05	3.93E-06	3.84E-07	4.31E-06	2.20E-03	7.61E-07	2.30E-06	2.54E-08	2.98E-07	3.23E-07	5.17E-05	2.76E-05
5686	485054.81, 3855202.91	2.58E-02	2.70E-05	1.56E-05	3.71E-06	3.63E-07	4.07E-06	2.22E-03	7.67E-07	2.32E-06	2.56E-08	3.00E-07	3.26E-07	5.12E-05	2.73E-05
5687	485129.48, 3855266.37	2.39E-02	2.50E-05	1.45E-05	3.44E-06	3.36E-07	3.78E-06	2.19E-03	7.58E-07	2.29E-06	2.53E-08	2.97E-07	3.22E-07	5.10E-05	2.70E-05
5688	485204.15, 3855329.84	2.36E-02	2.46E-05	1.43E-05	3.39E-06	3.31E-07	3.72E-06	2.24E-03	7.76E-07	2.34E-06	2.59E-08	3.04E-07	3.29E-07	5.08E-05	2.69E-05
5689	485278.82, 3855393.31	2.24E-02	2.34E-05	1.35E-05	3.22E-06	3.15E-07	3.53E-06	2.25E-03	7.79E-07	2.35E-06	2.60E-08	3.05E-07	3.31E-07	5.05E-05	2.66E-05
5690	485353.48, 3855456.77	2.15E-02	2.25E-05	1.30E-05	3.10E-06	3.03E-07	3.40E-06	2.28E-03	7.91E-07	2.39E-06	2.64E-08	3.09E-07	3.36E-07	5.03E-05	2.65E-05
5691	485428.15, 3855520.24	2.05E-02	2.14E-05	1.24E-05	2.95E-06	2.88E-07	3.24E-06	2.29E-03	7.94E-07	2.40E-06	2.65E-08	3.11E-07	3.37E-07	4.97E-05	2.61E-05
5692	485502.82, 3855583.71	1.97E-02	2.06E-05	1.19E-05	2.83E-06	2.77E-07	3.11E-06	2.31E-03	7.99E-07	2.41E-06	2.67E-08	3.13E-07	3.39E-07	4.99E-05	2.62E-05
5693	485577.49, 3855647.17	1.92E-02	2.01E-05	1.16E-05	2.76E-06	2.70E-07	3.03E-06	2.36E-03	8.17E-07	2.47E-06	2.73E-08	3.19E-07	3.47E-07	4.91E-05	2.57E-05
5694	485652.16, 3855710.64	1.87E-02	1.95E-05	1.13E-05	2.68E-06	2.62E-07	2.94E-06	2.41E-03	8.34E-07	2.52E-06	2.79E-08	3.26E-07	3.54E-07	4.92E-05	2.57E-05
5695	485726.83, 3855774.1	1.79E-02	1.87E-05	1.08E-05	2.57E-06	2.52E-07	2.83E-06	2.42E-03	8.39E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.85E-05	2.53E-05
5696	485801.49, 3855837.57	1.71E-02	1.79E-05	1.03E-05	2.46E-06	2.40E-07	2.70E-06	2.42E-03	8.37E-07	2.53E-06	2.80E-08	3.28E-07	3.56E-07	4.85E-05	2.53E-05
5697	485876.16, 3855901.04	1.66E-02	1.73E-05	1.00E-05	2.39E-06	2.33E-07	2.62E-06	2.43E-03	8.41E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	4.81E-05	2.51E-05
5698	485950.83, 3855964.5	1.61E-02	1.68E-05	9.72E-06	2.31E-06	2.26E-07	2.54E-06	2.43E-03	8.40E-07	2.54E-06	2.80E-08	3.29E-07	3.57E-07	4.82E-05	2.50E-05
5699	486025.5, 3856027.97	1.54E-02	1.61E-05	9.33E-06	2.22E-06	2.17E-07	2.43E-06	2.40E-03	8.31E-07	2.51E-06	2.78E-08	3.25E-07	3.53E-07	4.79E-05	2.49E-05
5700	486100.17, 3856091.44	1.54E-02	1.61E-05	9.30E-06	2.21E-06	2.16E-07	2.43E-06	2.46E-03	8.53E-07	2.58E-06	2.85E-08	3.34E-07	3.62E-07	4.77E-05	2.47E-05

5701	486174.83, 3856154.9	1.46E-02	1.53E-05	8.84E-06	2.10E-06	2.06E-07	2.31E-06	2.43E-03	8.41E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	4.75E-05	2.46E-05
5702	486249.5, 3856218.37	1.37E-02	1.43E-05	8.29E-06	1.97E-06	1.93E-07	2.16E-06	2.34E-03	8.11E-07	2.45E-06	2.71E-08	3.17E-07	3.44E-07	4.78E-05	2.47E-05
5703	486324.17, 3856281.84	1.33E-02	1.39E-05	8.05E-06	1.91E-06	1.87E-07	2.10E-06	2.29E-03	7.92E-07	2.39E-06	2.64E-08	3.10E-07	3.36E-07	4.81E-05	2.47E-05
5704	486398.84, 3856345.3	1.34E-02	1.41E-05	8.14E-06	1.93E-06	1.89E-07	2.12E-06	2.31E-03	8.01E-07	2.42E-06	2.67E-08	3.13E-07	3.40E-07	4.78E-05	2.46E-05
5705	486473.51, 3856408.77	1.32E-02	1.38E-05	7.98E-06	1.90E-06	1.86E-07	2.08E-06	2.32E-03	8.03E-07	2.42E-06	2.68E-08	3.14E-07	3.41E-07	4.75E-05	2.45E-05
5706	486548.17, 3856472.24	1.31E-02	1.37E-05	7.91E-06	1.88E-06	1.84E-07	2.06E-06	2.35E-03	8.13E-07	2.46E-06	2.72E-08	3.18E-07	3.45E-07	4.71E-05	2.43E-05
5707	486622.84, 3856535.7	1.29E-02	1.35E-05	7.80E-06	1.85E-06	1.81E-07	2.03E-06	2.38E-03	8.25E-07	2.49E-06	2.76E-08	3.23E-07	3.50E-07	4.72E-05	2.43E-05
5708	486765.48, 3856659.69	1.23E-02	1.29E-05	7.46E-06	1.77E-06	1.73E-07	1.95E-06	2.48E-03	8.58E-07	2.59E-06	2.87E-08	3.36E-07	3.64E-07	4.61E-05	2.37E-05
5709	486833.44, 3856720.2	1.22E-02	1.27E-05	7.36E-06	1.75E-06	1.71E-07	1.92E-06	2.52E-03	8.72E-07	2.63E-06	2.91E-08	3.41E-07	3.70E-07	4.70E-05	2.42E-05
5710	486901.41, 3856780.72	1.20E-02	1.25E-05	7.25E-06	1.72E-06	1.68E-07	1.89E-06	2.57E-03	8.90E-07	2.69E-06	2.97E-08	3.48E-07	3.78E-07	4.70E-05	2.42E-05
5711	486969.38, 3856841.24	1.18E-02	1.24E-05	7.16E-06	1.70E-06	1.66E-07	1.87E-06	2.62E-03	9.07E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	4.72E-05	2.43E-05
5712	487037.34, 3856901.75	1.17E-02	1.22E-05	7.09E-06	1.68E-06	1.65E-07	1.85E-06	2.67E-03	9.23E-07	2.79E-06	3.08E-08	3.61E-07	3.92E-07	4.80E-05	2.46E-05
5713	487271.23, 3856855.51	6.51E-03	6.81E-06	3.94E-06	9.37E-07	9.16E-08	1.03E-06	2.36E-03	8.17E-07	2.47E-06	2.73E-08	3.20E-07	3.47E-07	3.79E-05	1.92E-05
5714	487368.95, 3856857.29	5.70E-03	5.95E-06	3.45E-06	8.19E-07	8.01E-08	8.99E-07	2.29E-03	7.91E-07	2.39E-06	2.64E-08	3.10E-07	3.36E-07	3.73E-05	1.89E-05
5715	487466.68, 3856859.06	5.07E-03	5.30E-06	3.07E-06	7.29E-07	7.13E-08	8.01E-07	2.22E-03	7.70E-07	2.33E-06	2.57E-08	3.01E-07	3.27E-07	3.57E-05	1.81E-05
5716	487636.44, 3856930	4.59E-03	4.79E-06	2.77E-06	6.59E-07	6.45E-08	7.24E-07	2.20E-03	7.63E-07	2.30E-06	2.55E-08	2.98E-07	3.24E-07	3.74E-05	1.89E-05
5717	487709.57, 3856928.43	4.27E-03	4.46E-06	2.58E-06	6.14E-07	6.00E-08	6.74E-07	2.16E-03	7.48E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	3.56E-05	1.79E-05
5718	487782.55, 3856841.96	3.72E-03	3.89E-06	2.25E-06	5.35E-07	5.23E-08	5.87E-07	2.02E-03	6.98E-07	2.11E-06	2.33E-08	2.73E-07	2.96E-07	2.80E-05	1.42E-05
5719	487849.83, 3856754.74	3.32E-03	3.47E-06	2.01E-06	4.77E-07	4.67E-08	5.24E-07	1.90E-03	6.57E-07	1.98E-06	2.19E-08	2.57E-07	2.79E-07	2.46E-05	1.25E-05
5720	487918.03, 3856819.39	3.32E-03	3.47E-06	2.01E-06	4.77E-07	4.67E-08	5.24E-07	1.94E-03	6.71E-07	2.03E-06	2.24E-08	2.62E-07	2.85E-07	2.73E-05	1.38E-05
5721	487918.8, 3856886.37	3.48E-03	3.64E-06	2.10E-06	5.00E-07	4.89E-08	5.49E-07	2.01E-03	6.95E-07	2.10E-06	2.32E-08	2.72E-07	2.95E-07	2.96E-05	1.49E-05
5722	488065.46, 3857127.5	3.77E-03	3.94E-06	2.28E-06	5.42E-07	5.30E-08	5.95E-07	2.19E-03	7.59E-07	2.29E-06	2.54E-08	2.97E-07	3.22E-07	3.42E-05	1.72E-05
5723	488192.19, 3857385.83	4.26E-03	4.45E-06	2.58E-06	6.12E-07	5.99E-08	6.72E-07	2.53E-03	8.76E-07	2.65E-06	2.93E-08	3.43E-07	3.72E-07	3.37E-05	1.70E-05
5724	488191.21, 3857473.87	4.66E-03	4.87E-06	2.82E-06	6.70E-07	6.55E-08	7.35E-07	2.72E-03	9.42E-07	2.84E-06	3.15E-08	3.68E-07	4.00E-07	3.42E-05	1.73E-05
5725	488190.24, 3857561.9	5.15E-03	5.39E-06	3.12E-06	7.41E-07	7.25E-08	8.13E-07	2.94E-03	1.02E-06	3.07E-06	3.40E-08	3.98E-07	4.32E-07	3.48E-05	1.77E-05
5726	488158.35, 3857691.13	6.43E-03	6.72E-06	3.89E-06	9.25E-07	9.04E-08	1.01E-06	3.37E-03	1.17E-06	3.53E-06	3.90E-08	4.57E-07	4.96E-07	3.60E-05	1.84E-05
5727	488208.37, 3857816.66	7.34E-03	7.67E-06	4.44E-06	1.06E-06	1.03E-07	1.16E-06	3.77E-03	1.31E-06	3.94E-06	4.36E-08	5.11E-07	5.55E-07	3.43E-05	1.77E-05
5728	488271.97, 3857874.6	7.31E-03	7.64E-06	4.42E-06	1.05E-06	1.03E-07	1.15E-06	3.91E-03	1.35E-06	4.09E-06	4.52E-08	5.29E-07	5.74E-07	3.40E-05	1.76E-05
5729	488463.56, 3857942.31	6.11E-03	6.38E-06	3.69E-06	8.78E-07	8.59E-08	9.64E-07	3.83E-03	1.33E-06	4.01E-06	4.43E-08	5.19E-07	5.63E-07	2.94E-05	1.53E-05
5730	488554.83, 3857940.83	5.43E-03	5.68E-06	3.29E-06	7.81E-07	7.64E-08	8.57E-07	3.64E-03	1.26E-06	3.81E-06	4.21E-08	4.93E-07	5.36E-07	2.70E-05	1.40E-05
5731	488646.1, 3857939.36	4.90E-03	5.12E-06	2.96E-06	7.04E-07	6.89E-08	7.73E-07	3.47E-03	1.20E-06	3.63E-06	4.01E-08	4.70E-07	5.10E-07	2.52E-05	1.31E-05
5732	488737.37, 3857937.88	4.47E-03	4.67E-06	2.70E-06	6.43E-07	6.28E-08	7.06E-07	3.31E-03	1.15E-06	3.46E-06	3.83E-08	4.49E-07	4.87E-07	2.39E-05	1.24E-05
5733	488733.59, 3857960.57	4.59E-03	4.80E-06	2.78E-06	6.60E-07	6.45E-08	7.24E-07	3.39E-03	1.18E-06	3.55E-06	3.92E-08	4.60E-07	4.99E-07	2.44E-05	1.27E-05
5734	488638.09, 3857961.57	5.06E-03	5.29E-06	3.06E-06	7.28E-07	7.12E-08	8.00E-07	3.57E-03	1.23E-06	3.73E-06	4.12E-08	4.83E-07	5.24E-07	2.59E-05	1.34E-05
5735	488542.6, 3857962.56	5.67E-03	5.93E-06	3.43E-06	8.16E-07	7.98E-08	8.96E-07	3.76E-03	1.30E-06	3.93E-06	4.35E-08	5.09E-07	5.53E-07	2.79E-05	1.45E-05
5736	488447.1, 3857963.56	6.46E-03	6.75E-06	3.91E-06	9.29E-07	9.08E-08	1.02E-06	3.97E-03	1.37E-06	4.15E-06	4.59E-08	5.37E-07	5.83E-07	3.08E-05	1.60E-05
5737	488254.28, 3857890.36	7.77E-03	8.12E-06	4.70E-06	1.12E-06	1.09E-07	1.23E-06	4.03E-03	1.39E-06	4.21E-06	4.66E-08	5.45E-07	5.92E-07	3.59E-05	1.86E-05
5738	488191.69, 3857833.06	7.80E-03	8.15E-06	4.72E-06	1.12E-06	1.10E-07	1.23E-06	3.88E-03	1.34E-06	4.05E-06	4.48E-08	5.25E-07	5.70E-07	3.61E-05	1.87E-05
5739	488129.5, 3857907.43	1.06E-02	1.11E-05	6.43E-06	1.53E-06	1.49E-07	1.68E-06	4.45E-03	1.54E-06	4.65E-06	5.15E-08	6.03E-07	6.55E-07	5.18E-05	2.66E-05
5740	488196.47, 3857968.73	1.06E-02	1.10E-05	6.39E-06	1.52E-06	1.49E-07	1.67E-06	4.66E-03	1.61E-06	4.87E-06	5.39E-08	6.31E-07	6.85E-07	5.21E-05	2.68E-05
5741	488263.44, 3858030.04	1.04E-02	1.09E-05	6.32E-06	1.50E-06	1.47E-07	1.65E-06	4.87E-03	1.69E-06	5.09E-06	5.63E-08	6.60E-07	7.16E-07	5.24E-05	2.70E-05
5742	488400.64, 3858132.9	9.73E-03	1.02E-05	5.89E-06	1.40E-06	1.37E-07	1.54E-06	5.18E-03	1.79E-06	5.41E-06	5.98E-08	7.01E-07	7.61E-07	5.06E-05	2.60E-05
5743	488519.89, 3858218.38	9.44E-03	9.86E-06	5.71E-06	1.36E-06	1.33E-07	1.49E-06	5.54E-03	1.92E-06	5.79E-06	6.41E-08	7.51E-07	8.15E-07	5.06E-05	2.61E-05
5744	488647.97, 3858214.99	7.32E-03	7.65E-06	4.43E-06	1.05E-06	1.03E-07	1.16E-06	4.94E-03	1.71E-06	5.17E-06	5.71E-08	6.70E-07	7.27E-07	4.31E-05	2.21E-05
5745	488727.05, 3858167.67	6.02E-03	6.29E-06	3.64E-06	8.65E-07	8.46E-08	9.50E-07	4.36E-03	1.51E-06	4.55E-06	5.04E-08	5.90E-07	6.40E-07	3.78E-05	1.94E-05
5746	488806.12, 3858120.35	5.14E-03	5.37E-06	3.11E-06	7.38E-07	7.22E-08	8.11E-07	3.90E-03	1.35E-06	4.07E-06	4.51E-08	5.28E-07	5.73E-07	3.44E-05	1.76E-05
5747	488885.2, 3858073.03	4.49E-03	4.69E-06	2.72E-06	6.45E-07	6.31E-08	7.09E-07	3.53E-03	1.22E-06	3.69E-06	4.08E-08	4.78E-07	5.19E-07	3.21E-05	1.64E-05
5748	489055.76, 3857991.17	3.61E-03	3.77E-06	2.18E-06	5.19E-07	5.08E-08	5.70E-07	2.99E-03	1.04E-06	3.13E-06	3.46E-08	4.05E-07	4.40E-07	2.95E-05	1.50E-05
5749	489245.39, 3857944.54	3.08E-03	3.22E-06	1.86E-06	4.43E-07	4.33E-08	4.86E-07	2.64E-03	9.14E-07	2.76E-06	3.05E-08	3.58E-07	3.88E-07	2.97E-05	1.50E-05
5750	489430.63, 3857930.91	2.76E-03	2.89E-06	1.67E-06	3.97E-07	3.89E-08	4.36E-07	2.44E-03	8.45E-07	2.55E-06	2.82E-08	3.31E-07	3.59E-07	3.03E-05	1.52E-05
5751	489517.74, 3857929.36	2.65E-03	2.77E-06	1.60E-06	3.80E-07	3.72E-08	4.18E-07	2.37E-03	8.19E-07	2.47E-06	2.73E-08	3.20E-07	3.48E-07	3.01E-05	1.52E-05
5752	489604.85, 3857927.82	2.54E-03	2.65E-06	1.53E-06	3.65E-07	3.57E-08	4.00E-07	2.29E-03	7.93E-07	2.39E-06	2.65E-08	3.10E-07	3.37E-07	2.97E-05	1.49E-05
5753	489691.97, 3857926.28	2.44E-03	2.55E-06	1.48E-06	3.51E-07	3.43E-08	3.85E-07	2.22E-03	7.70E-07	2.33E-06	2.57E-08	3.01E-07	3.27E-07	2.91E-05	1.46E-05
5754	489779.08, 3857924.73	2.35E-03	2.46E-06	1.42E-06	3.38E-07	3.31E-08	3.71E-07	2.16E-03	7.48E-07	2.26E-06	2.50E-08	2.93E-07	3.18E-07	2.84E-05	1.43E-05
5755	490017.55, 3857875.08	2.10E-03	2.19E-06	1.27E-06	3.02E-07	2.95E-08	3.31E-07	1.96E-03	6.77E-07	2.04E-06	2.26E-08	2.65E-07	2.87E-07	2.32E-05	1.17E-05
5756	490033.82, 3857960.81	2.17E-03	2.27E-06	1.31E-06	3.12E-07	3.05E-08	3.42E-07	2.05E-03	7.09E-07	2.14E-06	2.37E-08	2.77E-07	3.01E-07	2.29E-05	1.16E-05
5757	489959.15, 3857987.49	2.26E-03	2.36E-06	1.37E-06	3.25E-07	3.18E-08	3.57E-07	2.13E-03	7.39E-07	2.23E-06	2.47E-08	2.89E-07	3.14E-07	2.28E-05	1.15E-05
5758	489791.49, 3858016.12	2.44E-03	2.55E-06	1.48E-06	3.51E-07	3.43E-08	3.85E-07	2.27E-03	7.86E-07	2.37E-06	2.63E-08	3.08E-07	3.34E-07	2.19E-05	1.11E-05
5759	489698.51, 3858018.07	2.55E-03	2.66E-06	1.54E-06	3.66E-07	3.58E-08	4.02E-07	2.35E-03	8.13E-07	2.45E-06	2.71E-08	3.18E-07	3.45E-07	2.28E-05	1.16E-05
5760	489605.52, 3858020.01	2.66E-03	2.78E-06	1.61E-06	3.83E-07	3.75E-08	4.21E-07	2.43E-03	8.42E-07	2.54E-06	2.81E-08	3.29E-07	3.58E-07	2.38E-05	1.21E-05
5761	489512.53, 3858021.96	2.79E-03	2.92E-06	1.69E-06	4.02E-07	3.93E-08	4.41E-07	2.52E-03	8.73E-07	2.64E-06	2.92E-08	3.42E-07	3.71E-07	2.47E-05	1.26E-05
5762	489419.55, 3858023.91	2.94E-03	3.07E-06	1.78E-06	4.23E-07	4.13E-08	4.64E-07	2.62E-03	9.08E-07	2.74E-06	3.03E-08	3.55E-07	3.85E-07	2.58E-05	1.31E-05

5763	489228.47, 3858041.29	3.31E-03	3.46E-06	2.00E-06	4.76E-07	4.66E-08	5.23E-07	2.86E-03	9.90E-07	2.99E-06	3.31E-08	3.87E-07	4.20E-07	2.85E-05	1.45E-05
5764	489065.75, 3858085.78	3.87E-03	4.05E-06	2.34E-06	5.57E-07	5.45E-08	6.11E-07	3.24E-03	1.12E-06	3.38E-06	3.74E-08	4.38E-07	4.76E-07	3.07E-05	1.56E-05
5765	489001.12, 3858114.86	4.20E-03	4.39E-06	2.54E-06	6.04E-07	5.91E-08	6.63E-07	3.45E-03	1.19E-06	3.60E-06	3.99E-08	4.67E-07	5.07E-07	3.25E-05	1.66E-05
5766	488861.89, 3858189.81	5.23E-03	5.47E-06	3.17E-06	7.52E-07	7.36E-08	8.26E-07	4.06E-03	1.41E-06	4.24E-06	4.69E-08	5.50E-07	5.97E-07	3.68E-05	1.88E-05
5767	488787.29, 3858235.69	6.13E-03	6.40E-06	3.71E-06	8.81E-07	8.62E-08	9.67E-07	4.57E-03	1.58E-06	4.78E-06	5.28E-08	6.19E-07	6.72E-07	3.95E-05	2.03E-05
5768	488712.68, 3858281.57	7.39E-03	7.72E-06	4.47E-06	1.06E-06	1.04E-07	1.17E-06	5.18E-03	1.79E-06	5.41E-06	5.98E-08	7.01E-07	7.61E-07	4.34E-05	2.23E-05
5769	488654.39, 3858436.17	1.23E-02	1.28E-05	7.44E-06	1.77E-06	1.73E-07	1.94E-06	7.47E-03	2.59E-06	7.81E-06	8.64E-08	1.01E-06	1.10E-06	4.88E-05	2.57E-05
5770	488726.3, 3858505.26	1.24E-02	1.30E-05	7.50E-06	1.78E-06	1.74E-07	1.96E-06	8.06E-03	2.79E-06	8.42E-06	9.31E-08	1.09E-06	1.18E-06	4.48E-05	2.38E-05
5771	488880.6, 3858599.28	1.08E-02	1.13E-05	6.54E-06	1.55E-06	1.52E-07	1.71E-06	8.25E-03	2.86E-06	8.62E-06	9.54E-08	1.12E-06	1.21E-06	4.72E-05	2.48E-05
5772	489008.06, 3858714.75	1.14E-02	1.19E-05	6.89E-06	1.64E-06	1.60E-07	1.80E-06	9.39E-03	3.25E-06	9.81E-06	1.09E-07	1.27E-06	1.38E-06	3.55E-05	1.93E-05
5773	489071.48, 3858772.72	1.20E-02	1.26E-05	7.28E-06	1.73E-06	1.69E-07	1.90E-06	1.01E-02	3.49E-06	1.05E-05	1.17E-07	1.37E-06	1.48E-06	3.35E-05	1.85E-05
5774	489244.59, 3858920.19	1.36E-02	1.42E-05	8.24E-06	1.96E-06	1.91E-07	2.15E-06	1.22E-02	4.23E-06	1.28E-05	1.41E-07	1.65E-06	1.80E-06	3.42E-05	1.92E-05
5775	489239.69, 3858952.23	1.60E-02	1.67E-05	9.67E-06	2.30E-06	2.25E-07	2.52E-06	1.42E-02	4.92E-06	1.49E-05	1.64E-07	1.93E-06	2.09E-06	3.57E-05	2.04E-05
5776	489121.67, 3858854.49	1.47E-02	1.54E-05	8.89E-06	2.11E-06	2.07E-07	2.32E-06	1.23E-02	4.26E-06	1.29E-05	1.42E-07	1.67E-06	1.81E-06	3.43E-05	1.93E-05
5777	489059.59, 3858797.27	1.37E-02	1.44E-05	8.31E-06	1.98E-06	1.93E-07	2.17E-06	1.13E-02	3.90E-06	1.18E-05	1.30E-07	1.52E-06	1.65E-06	3.42E-05	1.91E-05
5778	488997.52, 3858740.04	1.29E-02	1.34E-05	7.78E-06	1.85E-06	1.81E-07	2.03E-06	1.04E-02	3.59E-06	1.08E-05	1.20E-07	1.40E-06	1.52E-06	3.53E-05	1.95E-05
5779	488935.44, 3858682.82	1.22E-02	1.28E-05	7.40E-06	1.76E-06	1.72E-07	1.93E-06	9.62E-03	3.33E-06	1.01E-05	1.11E-07	1.30E-06	1.41E-06	3.86E-05	2.09E-05
5780	488869.17, 3858848.43	5.50E-02	5.75E-05	3.33E-05	7.91E-06	7.74E-07	8.69E-06	2.70E-02	9.33E-06	2.82E-05	3.12E-07	3.65E-06	3.96E-06	5.94E-05	3.66E-05
5781	488932.48, 3858892.69	5.48E-02	5.72E-05	3.31E-05	7.87E-06	7.70E-07	8.64E-06	2.93E-02	1.02E-05	3.07E-05	3.39E-07	3.97E-06	4.31E-06	5.97E-05	3.70E-05
5782	489063.27, 3858977.17	4.95E-02	5.18E-05	3.00E-05	7.12E-06	6.97E-07	7.82E-06	3.32E-02	1.15E-05	3.47E-05	3.83E-07	4.49E-06	4.88E-06	5.68E-05	3.56E-05
5783	489248.2, 3859117.15	6.40E-02	6.69E-05	3.87E-05	9.20E-06	9.00E-07	1.01E-05	5.27E-02	1.83E-05	5.51E-05	6.10E-07	7.14E-06	7.75E-06	5.93E-05	4.03E-05
5784	489296.25, 3859049.22	2.28E-02	2.39E-05	1.38E-05	3.28E-06	3.21E-07	3.60E-06	2.07E-02	7.17E-06	2.16E-05	2.39E-07	2.80E-06	3.04E-06	4.08E-05	2.42E-05
5785	489353.38, 3858993.96	1.38E-02	1.44E-05	8.36E-06	1.99E-06	1.94E-07	2.18E-06	1.30E-02	4.49E-06	1.36E-05	1.50E-07	1.76E-06	1.91E-06	3.74E-05	2.09E-05
5786	489537.24, 3859120.22	1.52E-02	1.59E-05	9.19E-06	2.19E-06	2.14E-07	2.40E-06	1.45E-02	5.02E-06	1.52E-05	1.68E-07	1.96E-06	2.13E-06	4.21E-05	2.34E-05
5787	489726.98, 3859246.04	1.69E-02	1.77E-05	1.03E-05	2.44E-06	2.38E-07	2.67E-06	1.62E-02	5.62E-06	1.70E-05	1.88E-07	2.20E-06	2.39E-06	4.23E-05	2.39E-05
5788	489911.46, 3859366.33	1.89E-02	1.98E-05	1.14E-05	2.72E-06	2.66E-07	2.99E-06	1.80E-02	6.22E-06	1.88E-05	2.08E-07	2.43E-06	2.64E-06	4.21E-05	2.42E-05
5789	490035.3, 3859430.26	1.88E-02	1.96E-05	1.13E-05	2.70E-06	2.64E-07	2.96E-06	1.79E-02	6.18E-06	1.87E-05	2.06E-07	2.42E-06	2.62E-06	4.35E-05	2.48E-05
5790	490101.11, 3859458.61	1.81E-02	1.89E-05	1.10E-05	2.61E-06	2.55E-07	2.86E-06	1.73E-02	5.99E-06	1.81E-05	2.00E-07	2.34E-06	2.54E-06	4.20E-05	2.40E-05
5791	490312.68, 3859560.3	1.95E-02	2.04E-05	1.18E-05	2.81E-06	2.75E-07	3.08E-06	1.87E-02	6.47E-06	1.95E-05	2.16E-07	2.53E-06	2.75E-06	3.96E-05	2.31E-05
5792	490401.63, 3859603.12	2.09E-02	2.18E-05	1.26E-05	3.01E-06	2.94E-07	3.30E-06	1.99E-02	6.88E-06	2.08E-05	2.30E-07	2.69E-06	2.92E-06	4.10E-05	2.40E-05
5793	490490.57, 3859645.94	2.23E-02	2.33E-05	1.35E-05	3.21E-06	3.14E-07	3.52E-06	2.11E-02	7.30E-06	2.20E-05	2.44E-07	2.86E-06	3.10E-06	4.11E-05	2.43E-05
5794	490579.51, 3859688.76	2.37E-02	2.48E-05	1.44E-05	3.41E-06	3.34E-07	3.74E-06	2.22E-02	7.70E-06	2.32E-05	2.57E-07	3.01E-06	3.27E-06	4.08E-05	2.45E-05
5795	490668.45, 3859731.58	2.46E-02	2.57E-05	1.49E-05	3.54E-06	3.46E-07	3.88E-06	2.29E-02	7.92E-06	2.39E-05	2.64E-07	3.10E-06	3.36E-06	4.03E-05	2.43E-05
5796	490757.4, 3859774.4	2.69E-02	2.81E-05	1.63E-05	3.87E-06	3.79E-07	4.25E-06	2.48E-02	8.60E-06	2.60E-05	2.87E-07	3.36E-06	3.65E-06	4.04E-05	2.48E-05
5797	491003.53, 3859861.82	2.35E-02	2.46E-05	1.42E-05	3.38E-06	3.31E-07	3.71E-06	2.16E-02	7.47E-06	2.26E-05	2.49E-07	2.92E-06	3.17E-06	3.84E-05	2.32E-05
5798	491081.41, 3859879.05	2.04E-02	2.13E-05	1.23E-05	2.93E-06	2.87E-07	3.22E-06	1.91E-02	6.61E-06	2.00E-05	2.21E-07	2.59E-06	2.81E-06	3.75E-05	2.22E-05
5799	491229.76, 3859917.82	1.60E-02	1.67E-05	9.67E-06	2.30E-06	2.25E-07	2.52E-06	1.54E-02	5.35E-06	1.61E-05	1.79E-07	2.09E-06	2.27E-06	3.61E-05	2.07E-05
5800	491300.22, 3859939.35	1.45E-02	1.52E-05	8.80E-06	2.09E-06	2.05E-07	2.30E-06	1.40E-02	4.86E-06	1.47E-05	1.62E-07	1.90E-06	2.06E-06	3.46E-05	1.97E-05
5801	491350.48, 3860012.03	1.72E-02	1.80E-05	1.04E-05	2.48E-06	2.43E-07	2.72E-06	1.68E-02	5.81E-06	1.75E-05	1.94E-07	2.27E-06	2.47E-06	3.39E-05	1.99E-05
5802	491406.82, 3860092.56	2.02E-02	2.11E-05	1.22E-05	2.91E-06	2.84E-07	3.19E-06	1.95E-02	6.76E-06	2.04E-05	2.26E-07	2.64E-06	2.87E-06	3.39E-05	2.05E-05
5803	491483.36, 3860121.96	1.74E-02	1.82E-05	1.05E-05	2.50E-06	2.45E-07	2.75E-06	1.66E-02	5.75E-06	1.74E-05	1.92E-07	2.25E-06	2.44E-06	3.27E-05	1.93E-05
5804	491559.91, 3860151.35	1.53E-02	1.60E-05	9.24E-06	2.20E-06	2.15E-07	2.41E-06	1.45E-02	5.01E-06	1.51E-05	1.67E-07	1.96E-06	2.13E-06	3.16E-05	1.83E-05
5805	491711.81, 3860237.76	1.12E-02	1.17E-05	6.79E-06	1.61E-06	1.58E-07	1.77E-06	1.05E-02	3.62E-06	1.09E-05	1.21E-07	1.42E-06	1.54E-06	2.95E-05	1.65E-05
5806	491755.2, 3860319.07	1.63E-02	1.70E-05	9.85E-06	2.34E-06	2.29E-07	2.57E-06	1.50E-02	5.19E-06	1.57E-05	1.73E-07	2.03E-06	2.21E-06	2.71E-05	1.63E-05
5807	491704.71, 3860366.54	2.65E-02	2.77E-05	1.61E-05	3.82E-06	3.73E-07	4.19E-06	2.41E-02	8.34E-06	2.52E-05	2.79E-07	3.26E-06	3.54E-06	2.86E-05	1.90E-05
5808	491623.42, 3860462.39	2.45E-02	2.56E-05	1.48E-05	3.52E-06	3.44E-07	3.86E-06	2.67E-02	9.23E-06	2.79E-05	3.08E-07	3.61E-06	3.92E-06	1.85E-05	1.42E-05
5809	491534.02, 3860439.84	1.10E-02	1.15E-05	6.64E-06	1.58E-06	1.54E-07	1.73E-06	1.10E-02	3.81E-06	1.15E-05	1.27E-07	1.49E-06	1.62E-06	1.31E-05	8.59E-06
5810	491313.95, 3860268.17	1.42E-02	1.48E-05	8.57E-06	2.04E-06	1.99E-07	2.23E-06	1.36E-02	4.72E-06	1.42E-05	1.58E-07	1.85E-06	2.00E-06	1.70E-05	1.11E-05
5811	491187.12, 3860143.56	2.13E-02	2.23E-05	1.29E-05	3.06E-06	3.00E-07	3.36E-06	1.94E-02	6.71E-06	2.03E-05	2.24E-07	2.63E-06	2.85E-06	2.24E-05	1.49E-05
5812	491070.43, 3860075.97	1.81E-02	1.89E-05	1.09E-05	2.60E-06	2.54E-07	2.85E-06	1.71E-02	5.91E-06	1.79E-05	1.97E-07	2.31E-06	2.51E-06	2.10E-05	1.37E-05
5813	490995.09, 3860039.38	1.67E-02	1.75E-05	1.01E-05	2.40E-06	2.35E-07	2.64E-06	1.58E-02	5.46E-06	1.65E-05	1.82E-07	2.14E-06	2.32E-06	2.06E-05	1.33E-05
5814	490919.75, 3860002.8	1.64E-02	1.71E-05	9.92E-06	2.36E-06	2.31E-07	2.59E-06	1.61E-02	5.59E-06	1.69E-05	1.87E-07	2.19E-06	2.37E-06	2.07E-05	1.34E-05
5815	490756.81, 3859894.53	3.62E-02	3.79E-05	2.19E-05	5.21E-06	5.10E-07	5.72E-06	3.82E-02	1.32E-05	4.00E-05	4.42E-07	5.18E-06	5.62E-06	3.04E-05	2.23E-05
5816	490668.07, 3859860.92	3.45E-02	3.61E-05	2.09E-05	4.96E-06	4.85E-07	5.45E-06	3.58E-02	1.24E-05	3.75E-05	4.14E-07	4.85E-06	5.27E-06	2.95E-05	2.14E-05
5817	490579.34, 3859827.3	3.40E-02	3.56E-05	2.06E-05	4.89E-06	4.79E-07	5.37E-06	3.48E-02	1.20E-05	3.63E-05	4.02E-07	4.71E-06	5.11E-06	2.95E-05	2.13E-05
5818	490490.6, 3859793.68	3.20E-02	3.35E-05	1.94E-05	4.61E-06	4.50E-07	5.06E-06	3.22E-02	1.11E-05	3.37E-05	3.72E-07	4.36E-06	4.73E-06	2.89E-05	2.05E-05
5819	490401.86, 3859760.07	3.06E-02	3.20E-05	1.85E-05	4.40E-06	4.30E-07	4.83E-06	3.03E-02	1.05E-05	3.17E-05	3.51E-07	4.11E-06	4.46E-06	2.87E-05	2.01E-05
5820	490313.12, 3859726.45	3.02E-02	3.15E-05	1.83E-05	4.34E-06	4.24E-07	4.76E-06	2.95E-02	1.02E-05	3.09E-05	3.41E-07	4.00E-06	4.34E-06	2.89E-05	2.01E-05
5821	490224.39, 3859692.83	2.98E-02	3.12E-05	1.80E-05	4.29E-06	4.19E-07	4.71E-06	2.89E-02	9.99E-06	3.02E-05	3.34E-07	3.91E-06	4.24E-06	2.92E-05	2.01E-05
5822	490135.65, 3859659.22	2.95E-02	3.08E-05	1.78E-05	4.24E-06	4.15E-07	4.66E-06	2.83E-02	9.79E-06	2.95E-05	3.27E-07	3.83E-06	4.16E-06	2.94E-05	2.01E-05
5823	489918.18, 3859559.23	2.99E-02	3.12E-05	1.81E-05	4.30E-06	4.20E-07	4.72E-06	2.98E-02	1.03E-05	3.11E-05	3.44E-07	4.03E-06	4.38E-06	3.17E-05	2.14E-05
5824	489743.61, 3859486	1.97E-02	2.06E-05	1.19E-05	2.84E-06	2.77E-07	3.11E-06	1.97E-02	6.82E-06	2.06E-05	2.28E-07	2.67E-06	2.90E-06	2.91E-05	1.81E-05

5825	489660.32, 3859440.27	1.96E-02	2.05E-05	1.18E-05	2.82E-06	2.75E-07	3.09E-06	1.97E-02	6.81E-06	2.06E-05	2.28E-07	2.67E-06	2.89E-06	2.98E-05	1.85E-05
5826	489577.04, 3859394.53	1.95E-02	2.03E-05	1.18E-05	2.80E-06	2.74E-07	3.07E-06	1.97E-02	6.81E-06	2.06E-05	2.28E-07	2.67E-06	2.89E-06	3.05E-05	1.88E-05
5827	489493.75, 3859348.8	1.92E-02	2.00E-05	1.16E-05	2.76E-06	2.70E-07	3.03E-06	1.96E-02	6.78E-06	2.05E-05	2.26E-07	2.65E-06	2.88E-06	3.10E-05	1.90E-05
5828	489321.28, 3859240.02	2.20E-02	2.30E-05	1.33E-05	3.17E-06	3.10E-07	3.48E-06	2.47E-02	8.56E-06	2.59E-05	2.86E-07	3.35E-06	3.64E-06	3.52E-05	2.19E-05
5829	489235.41, 3859193.96	2.07E-02	2.16E-05	1.25E-05	2.98E-06	2.91E-07	3.27E-06	2.45E-02	8.46E-06	2.56E-05	2.83E-07	3.31E-06	3.59E-06	3.67E-05	2.24E-05
5830	489149.54, 3859147.89	1.87E-02	1.95E-05	1.13E-05	2.68E-06	2.63E-07	2.95E-06	2.33E-02	8.05E-06	2.43E-05	2.69E-07	3.15E-06	3.42E-06	3.68E-05	2.22E-05
5831	489063.68, 3859101.82	1.65E-02	1.72E-05	9.98E-06	2.37E-06	2.32E-07	2.60E-06	2.31E-02	8.01E-06	2.42E-05	2.68E-07	3.13E-06	3.40E-06	3.86E-05	2.29E-05
5832	488977.81, 3859055.75	1.41E-02	1.47E-05	8.53E-06	2.03E-06	1.98E-07	2.22E-06	2.30E-02	7.95E-06	2.40E-05	2.65E-07	3.11E-06	3.37E-06	4.16E-05	2.41E-05
5833	488891.94, 3859009.69	1.20E-02	1.26E-05	7.27E-06	1.73E-06	1.69E-07	1.90E-06	2.22E-02	7.67E-06	2.32E-05	2.56E-07	3.00E-06	3.26E-06	4.66E-05	2.63E-05
5834	488808, 3859060.73	5.75E-03	6.01E-06	3.48E-06	8.27E-07	8.09E-08	9.08E-07	7.73E-03	2.68E-06	8.08E-06	8.94E-08	1.05E-06	1.14E-06	4.72E-05	2.44E-05
5835	488809.93, 3859157.85	3.97E-03	4.15E-06	2.40E-06	5.70E-07	5.58E-08	6.26E-07	4.65E-03	1.61E-06	4.86E-06	5.37E-08	6.30E-07	6.83E-07	4.50E-05	2.28E-05
5836	488811.85, 3859254.96	3.04E-03	3.18E-06	1.84E-06	4.37E-07	4.27E-08	4.80E-07	3.36E-03	1.16E-06	3.51E-06	3.88E-08	4.55E-07	4.93E-07	4.37E-05	2.19E-05
5837	488813.78, 3859352.07	2.48E-03	2.59E-06	1.50E-06	3.56E-07	3.48E-08	3.91E-07	2.65E-03	9.18E-07	2.77E-06	3.06E-08	3.59E-07	3.90E-07	4.28E-05	2.13E-05
5838	488815.71, 3859449.19	2.10E-03	2.20E-06	1.27E-06	3.02E-07	2.95E-08	3.32E-07	2.21E-03	7.65E-07	2.31E-06	2.55E-08	2.99E-07	3.25E-07	4.25E-05	2.11E-05
5839	488910.04, 3859547.1	1.98E-03	2.07E-06	1.20E-06	2.84E-07	2.78E-08	3.12E-07	2.04E-03	7.07E-07	2.14E-06	2.36E-08	2.77E-07	3.00E-07	4.04E-05	2.01E-05
5840	489002.45, 3859547.91	2.16E-03	2.26E-06	1.31E-06	3.11E-07	3.04E-08	3.41E-07	2.22E-03	7.67E-07	2.32E-06	2.56E-08	3.00E-07	3.26E-07	3.78E-05	1.88E-05
5841	489094.85, 3859548.71	2.39E-03	2.50E-06	1.45E-06	3.44E-07	3.36E-08	3.77E-07	2.43E-03	8.42E-07	2.54E-06	2.81E-08	3.29E-07	3.57E-07	3.55E-05	1.78E-05
5842	489230.05, 3859601.87	2.51E-03	2.62E-06	1.52E-06	3.61E-07	3.53E-08	3.96E-07	2.53E-03	8.75E-07	2.64E-06	2.92E-08	3.42E-07	3.72E-07	3.44E-05	1.73E-05
5843	489227.52, 3859680.89	2.17E-03	2.26E-06	1.31E-06	3.11E-07	3.05E-08	3.42E-07	2.17E-03	7.53E-07	2.27E-06	2.51E-08	2.94E-07	3.20E-07	3.35E-05	1.67E-05
5844	489133.47, 3859760.29	1.78E-03	1.86E-06	1.08E-06	2.56E-07	2.50E-08	2.81E-07	1.79E-03	6.19E-07	1.87E-06	2.07E-08	2.42E-07	2.63E-07	2.50E-05	1.25E-05
5845	489041.96, 3859760.67	1.66E-03	1.73E-06	1.00E-06	2.38E-07	2.33E-08	2.62E-07	1.68E-03	5.81E-07	1.76E-06	1.94E-08	2.27E-07	2.47E-07	2.60E-05	1.30E-05
5846	488950.45, 3859761.05	1.55E-03	1.62E-06	9.40E-07	2.23E-07	2.19E-08	2.45E-07	1.58E-03	5.48E-07	1.65E-06	1.83E-08	2.14E-07	2.33E-07	2.66E-05	1.33E-05
5847	488858.94, 3859761.43	1.46E-03	1.53E-06	8.86E-07	2.11E-07	2.06E-08	2.31E-07	1.50E-03	5.19E-07	1.57E-06	1.73E-08	2.03E-07	2.20E-07	2.71E-05	1.35E-05
5848	488767.43, 3859761.82	1.38E-03	1.44E-06	8.36E-07	1.99E-07	1.94E-08	2.18E-07	1.42E-03	4.92E-07	1.49E-06	1.64E-08	1.92E-07	2.09E-07	2.76E-05	1.37E-05
5849	488675.92, 3859762.2	1.31E-03	1.37E-06	7.93E-07	1.88E-07	1.84E-08	2.07E-07	1.35E-03	4.69E-07	1.41E-06	1.56E-08	1.83E-07	1.99E-07	2.85E-05	1.41E-05
5850	488584.41, 3859762.58	1.25E-03	1.30E-06	7.54E-07	1.79E-07	1.75E-08	1.97E-07	1.29E-03	4.47E-07	1.35E-06	1.49E-08	1.75E-07	1.90E-07	3.00E-05	1.49E-05
5851	488492.9, 3859762.96	1.19E-03	1.24E-06	7.20E-07	1.71E-07	1.67E-08	1.88E-07	1.24E-03	4.28E-07	1.29E-06	1.43E-08	1.67E-07	1.82E-07	3.32E-05	1.64E-05
5852	488402.76, 3859830.95	1.09E-03	1.14E-06	6.62E-07	1.57E-07	1.54E-08	1.73E-07	1.13E-03	3.92E-07	1.18E-06	1.31E-08	1.53E-07	1.66E-07	3.93E-05	1.94E-05
5853	488404.14, 3859898.55	1.05E-03	1.10E-06	6.36E-07	1.51E-07	1.48E-08	1.66E-07	1.08E-03	3.75E-07	1.13E-06	1.25E-08	1.47E-07	1.59E-07	3.99E-05	1.96E-05
5854	488505.18, 3859964.96	1.06E-03	1.10E-06	6.39E-07	1.52E-07	1.49E-08	1.67E-07	1.08E-03	3.74E-07	1.13E-06	1.25E-08	1.46E-07	1.59E-07	4.00E-05	1.97E-05
5855	488604.84, 3859963.76	1.10E-03	1.15E-06	6.64E-07	1.58E-07	1.54E-08	1.73E-07	1.12E-03	3.88E-07	1.17E-06	1.29E-08	1.52E-07	1.65E-07	3.82E-05	1.88E-05
5856	488704.51, 3859962.56	1.14E-03	1.20E-06	6.92E-07	1.65E-07	1.61E-08	1.81E-07	1.17E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	3.73E-05	1.84E-05
5857	488804.18, 3859961.37	1.20E-03	1.25E-06	7.25E-07	1.72E-07	1.68E-08	1.89E-07	1.22E-03	4.21E-07	1.27E-06	1.41E-08	1.65E-07	1.79E-07	3.66E-05	1.81E-05
5858	488903.85, 3859960.17	1.26E-03	1.32E-06	7.61E-07	1.81E-07	1.77E-08	1.99E-07	1.28E-03	4.41E-07	1.33E-06	1.47E-08	1.73E-07	1.87E-07	3.59E-05	1.78E-05
5859	489003.52, 3859958.97	1.32E-03	1.38E-06	8.01E-07	1.90E-07	1.86E-08	2.09E-07	1.34E-03	4.63E-07	1.40E-06	1.54E-08	1.81E-07	1.96E-07	3.51E-05	1.73E-05
5860	489103.18, 3859957.77	1.40E-03	1.46E-06	8.46E-07	2.01E-07	1.97E-08	2.21E-07	1.41E-03	4.86E-07	1.47E-06	1.62E-08	1.90E-07	2.07E-07	3.32E-05	1.64E-05
5861	489201.48, 3860046.59	1.36E-03	1.42E-06	8.23E-07	1.96E-07	1.91E-08	2.15E-07	1.36E-03	4.70E-07	1.42E-06	1.57E-08	1.84E-07	2.00E-07	3.68E-05	1.82E-05
5862	489200.11, 3860136.61	1.26E-03	1.32E-06	7.62E-07	1.81E-07	1.77E-08	1.99E-07	1.26E-03	4.35E-07	1.31E-06	1.45E-08	1.70E-07	1.85E-07	3.77E-05	1.86E-05
5863	489198.74, 3860226.63	1.18E-03	1.24E-06	7.15E-07	1.70E-07	1.66E-08	1.87E-07	1.18E-03	4.08E-07	1.23E-06	1.36E-08	1.60E-07	1.73E-07	3.76E-05	1.85E-05
5864	489197.38, 3860316.66	1.11E-03	1.17E-06	6.75E-07	1.60E-07	1.57E-08	1.76E-07	1.11E-03	3.84E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	3.69E-05	1.82E-05
5865	489196.01, 3860406.68	1.05E-03	1.10E-06	6.37E-07	1.51E-07	1.48E-08	1.66E-07	1.04E-03	3.62E-07	1.09E-06	1.21E-08	1.41E-07	1.54E-07	3.56E-05	1.75E-05
5866	489194.64, 3860496.7	9.88E-04	1.03E-06	5.98E-07	1.42E-07	1.39E-08	1.56E-07	9.79E-04	3.39E-07	1.02E-06	1.13E-08	1.33E-07	1.44E-07	3.34E-05	1.65E-05
5867	489193.27, 3860586.72	9.29E-04	9.71E-07	5.62E-07	1.34E-07	1.31E-08	1.47E-07	9.18E-04	3.18E-07	9.59E-07	1.06E-08	1.24E-07	1.35E-07	2.92E-05	1.44E-05
5868	489092.02, 3860678.13	8.47E-04	8.85E-07	5.13E-07	1.22E-07	1.19E-08	1.34E-07	8.40E-04	2.91E-07	8.78E-07	9.71E-09	1.14E-07	1.23E-07	1.62E-05	8.05E-06
5869	488992.13, 3860679.53	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	8.16E-04	2.83E-07	8.53E-07	9.43E-09	1.11E-07	1.20E-07	1.67E-05	8.29E-06
5870	488892.24, 3860680.92	8.00E-04	8.36E-07	4.84E-07	1.15E-07	1.12E-08	1.26E-07	7.97E-04	2.76E-07	8.33E-07	9.22E-09	1.08E-07	1.17E-07	1.69E-05	8.37E-06
5871	488792.36, 3860682.31	7.77E-04	8.12E-07	4.70E-07	1.12E-07	1.09E-08	1.23E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	1.70E-05	8.43E-06
5872	488692.48, 3860683.7	7.57E-04	7.92E-07	4.58E-07	1.09E-07	1.07E-08	1.20E-07	7.61E-04	2.64E-07	7.96E-07	8.80E-09	1.03E-07	1.12E-07	1.72E-05	8.52E-06
5873	488592.59, 3860685.09	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	1.77E-05	8.78E-06
5874	488492.71, 3860686.49	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	1.95E-05	9.62E-06
5875	488299.07, 3860762.18	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	6.86E-04	2.38E-07	7.17E-07	7.93E-09	9.29E-08	1.01E-07	1.19E-05	5.95E-06
5876	488205.32, 3860764.09	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	6.74E-04	2.33E-07	7.04E-07	7.79E-09	9.12E-08	9.90E-08	1.15E-05	5.73E-06
5877	488111.56, 3860766	6.46E-04	6.76E-07	3.91E-07	9.29E-08	9.09E-09	1.02E-07	6.60E-04	2.28E-07	6.89E-07	7.62E-09	8.93E-08	9.69E-08	1.04E-05	5.22E-06
5878	488017.81, 3860767.91	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	6.47E-04	2.24E-07	6.76E-07	7.48E-09	8.76E-08	9.51E-08	8.84E-06	4.43E-06
5879	487924.06, 3860769.81	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	6.33E-04	2.19E-07	6.61E-07	7.32E-09	8.57E-08	9.30E-08	6.89E-06	3.48E-06
5880	487830.31, 3860771.72	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	6.22E-04	2.15E-07	6.50E-07	7.19E-09	8.42E-08	9.14E-08	5.78E-06	2.94E-06
5881	487736.55, 3860773.63	5.94E-04	6.21E-07	3.60E-07	8.54E-08	8.36E-09	9.38E-08	6.09E-04	2.11E-07	6.37E-07	7.04E-09	8.25E-08	8.96E-08	5.01E-06	2.56E-06
5882	487642.8, 3860775.54	5.84E-04	6.11E-07	3.54E-07	8.40E-08	8.22E-09	9.22E-08	6.00E-04	2.08E-07	6.27E-07	6.94E-09	8.12E-08	8.82E-08	4.52E-06	2.32E-06
5883	487549.48, 3860684.71	5.93E-04	6.19E-07	3.59E-07	8.52E-08	8.33E-09	9.35E-08	6.09E-04	2.11E-07	6.37E-07	7.04E-09	8.25E-08	8.96E-08	5.06E-06	2.59E-06
5884	487549.91, 3860591.97	6.09E-04	6.36E-07	3.68E-07	8.76E-08	8.56E-09	9.61E-08	6.30E-04	2.18E-07	6.58E-07	7.28E-09	8.53E-08	9.26E-08	6.31E-06	3.20E-06
5885	487550.34, 3860499.23	6.28E-04	6.57E-07	3.80E-07	9.04E-08	8.84E-09	9.92E-08	6.52E-04	2.26E-07	6.81E-07	7.53E-09	8.82E-08	9.58E-08	8.04E-06	4.04E-06
5886	487550.76, 3860406.49	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	6.78E-04	2.35E-07	7.09E-07	7.84E-09	9.19E-08	9.97E-08	1.06E-05	5.32E-06

5887	487551.19, 3860313.75	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	7.08E-04	2.45E-07	7.40E-07	8.18E-09	9.59E-08	1.04E-07	1.50E-05	7.46E-06
5888	487551.62, 3860221.01	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	7.41E-04	2.56E-07	7.74E-07	8.57E-09	1.00E-07	1.09E-07	1.68E-05	8.35E-06
5889	487552.05, 3860128.27	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	7.79E-04	2.70E-07	8.14E-07	9.00E-09	1.05E-07	1.14E-07	1.76E-05	8.70E-06
5890	487552.48, 3860035.53	7.72E-04	8.07E-07	4.67E-07	1.11E-07	1.09E-08	1.22E-07	8.15E-04	2.82E-07	8.51E-07	9.42E-09	1.10E-07	1.20E-07	1.81E-05	8.98E-06
5891	487552.91, 3859942.79	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	8.46E-04	2.93E-07	8.84E-07	9.78E-09	1.15E-07	1.24E-07	1.86E-05	9.22E-06
5892	487553.33, 3859850.05	8.23E-04	8.60E-07	4.98E-07	1.18E-07	1.16E-08	1.30E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	1.91E-05	9.49E-06
5893	487553.76, 3859757.31	8.47E-04	8.85E-07	5.13E-07	1.22E-07	1.19E-08	1.34E-07	9.13E-04	3.16E-07	9.55E-07	1.06E-08	1.24E-07	1.34E-07	1.98E-05	9.82E-06
5894	487554.19, 3859664.57	8.72E-04	9.11E-07	5.27E-07	1.25E-07	1.23E-08	1.38E-07	9.49E-04	3.29E-07	9.92E-07	1.10E-08	1.29E-07	1.40E-07	2.11E-05	1.05E-05
5895	487460.2, 3859571.05	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	9.68E-04	3.35E-07	1.01E-06	1.12E-08	1.31E-07	1.42E-07	2.12E-05	1.05E-05
5896	487365.78, 3859570.27	8.52E-04	8.91E-07	5.16E-07	1.23E-07	1.20E-08	1.35E-07	9.43E-04	3.26E-07	9.86E-07	1.09E-08	1.28E-07	1.39E-07	1.79E-05	8.89E-06
5897	487271.36, 3859569.48	8.29E-04	8.67E-07	5.02E-07	1.19E-07	1.17E-08	1.31E-07	9.21E-04	3.19E-07	9.63E-07	1.06E-08	1.25E-07	1.35E-07	1.44E-05	7.18E-06
5898	487176.94, 3859568.7	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	1.18E-05	5.89E-06
5899	487082.51, 3859567.92	7.88E-04	8.24E-07	4.77E-07	1.13E-07	1.11E-08	1.24E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	1.00E-05	5.05E-06
5900	486988.09, 3859567.14	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	8.58E-04	2.97E-07	8.97E-07	9.92E-09	1.16E-07	1.26E-07	8.84E-06	4.47E-06
5901	486893.67, 3859566.36	7.52E-04	7.87E-07	4.55E-07	1.08E-07	1.06E-08	1.19E-07	8.40E-04	2.91E-07	8.78E-07	9.71E-09	1.14E-07	1.23E-07	7.93E-06	4.02E-06
5902	486799.25, 3859565.58	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	8.22E-04	2.85E-07	8.60E-07	9.51E-09	1.11E-07	1.21E-07	7.21E-06	3.67E-06
5903	486704.83, 3859564.79	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	6.67E-06	3.40E-06
5904	486610.41, 3859564.01	7.08E-04	7.40E-07	4.29E-07	1.02E-07	9.96E-09	1.12E-07	7.90E-04	2.73E-07	8.25E-07	9.13E-09	1.07E-07	1.16E-07	6.24E-06	3.19E-06
5905	486515.99, 3859563.23	6.94E-04	7.25E-07	4.20E-07	9.98E-08	9.76E-09	1.10E-07	7.72E-04	2.67E-07	8.07E-07	8.93E-09	1.05E-07	1.14E-07	5.87E-06	3.01E-06
5906	486421.57, 3859562.45	6.81E-04	7.11E-07	4.12E-07	9.79E-08	9.57E-09	1.07E-07	7.57E-04	2.62E-07	7.91E-07	8.75E-09	1.02E-07	1.11E-07	5.55E-06	2.85E-06
5907	486327.14, 3859561.67	6.69E-04	6.99E-07	4.05E-07	9.62E-08	9.41E-09	1.06E-07	7.44E-04	2.58E-07	7.78E-07	8.60E-09	1.01E-07	1.09E-07	5.25E-06	2.70E-06
5908	486232.72, 3859560.89	6.56E-04	6.86E-07	3.97E-07	9.44E-08	9.23E-09	1.04E-07	7.28E-04	2.52E-07	7.61E-07	8.42E-09	9.86E-08	1.07E-07	4.98E-06	2.56E-06
5909	486138.3, 3859560.1	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	7.14E-04	2.47E-07	7.47E-07	8.26E-09	9.67E-08	1.05E-07	4.73E-06	2.44E-06
5910	486043.88, 3859559.32	6.32E-04	6.60E-07	3.82E-07	9.08E-08	8.88E-09	9.97E-08	7.00E-04	2.42E-07	7.32E-07	8.09E-09	9.48E-08	1.03E-07	4.50E-06	2.33E-06
5911	485949.35, 3859463.54	6.33E-04	6.62E-07	3.83E-07	9.11E-08	8.91E-09	1.00E-07	7.08E-04	2.45E-07	7.40E-07	8.18E-09	9.59E-08	1.04E-07	4.56E-06	2.36E-06
5912	485949.24, 3859368.55	6.45E-04	6.74E-07	3.90E-07	9.27E-08	9.07E-09	1.02E-07	7.30E-04	2.53E-07	7.63E-07	8.44E-09	9.89E-08	1.07E-07	4.85E-06	2.50E-06
5913	485949.12, 3859273.55	6.55E-04	6.84E-07	3.96E-07	9.41E-08	9.20E-09	1.03E-07	7.53E-04	2.61E-07	7.88E-07	8.71E-09	1.02E-07	1.11E-07	5.15E-06	2.65E-06
5914	485949.01, 3859178.56	6.66E-04	6.96E-07	4.03E-07	9.58E-08	9.37E-09	1.05E-07	7.77E-04	2.69E-07	8.12E-07	8.98E-09	1.05E-07	1.14E-07	5.48E-06	2.81E-06
5915	485948.9, 3859083.56	6.79E-04	7.10E-07	4.11E-07	9.76E-08	9.55E-09	1.07E-07	8.07E-04	2.79E-07	8.43E-07	9.33E-09	1.09E-07	1.19E-07	5.83E-06	2.99E-06
5916	485948.79, 3858988.56	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	8.41E-04	2.91E-07	8.79E-07	9.72E-09	1.14E-07	1.24E-07	6.18E-06	3.16E-06
5917	485948.67, 3858893.57	7.13E-04	7.46E-07	4.32E-07	1.03E-07	1.00E-08	1.13E-07	8.80E-04	3.05E-07	9.20E-07	1.02E-08	1.19E-07	1.29E-07	6.52E-06	3.34E-06
5918	485948.56, 3858798.57	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	9.26E-04	3.20E-07	9.68E-07	1.07E-08	1.25E-07	1.36E-07	6.86E-06	3.51E-06
5919	485948.45, 3858703.58	7.56E-04	7.90E-07	4.57E-07	1.09E-07	1.06E-08	1.19E-07	9.74E-04	3.37E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	7.19E-06	3.68E-06
5920	485948.34, 3858608.58	7.80E-04	8.16E-07	4.72E-07	1.12E-07	1.10E-08	1.23E-07	1.03E-03	3.57E-07	1.08E-06	1.19E-08	1.40E-07	1.52E-07	7.54E-06	3.86E-06
5921	485948.22, 3858513.59	8.03E-04	8.39E-07	4.86E-07	1.15E-07	1.13E-08	1.27E-07	1.09E-03	3.79E-07	1.14E-06	1.26E-08	1.48E-07	1.61E-07	7.92E-06	4.05E-06
5922	485948.11, 3858418.59	8.24E-04	8.62E-07	4.99E-07	1.19E-07	1.16E-08	1.30E-07	1.16E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	8.35E-06	4.27E-06
5923	485948, 3858323.59	8.50E-04	8.89E-07	5.15E-07	1.22E-07	1.20E-08	1.34E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.84E-07	8.89E-06	4.55E-06
5924	485947.89, 3858228.6	8.75E-04	9.14E-07	5.29E-07	1.26E-07	1.23E-08	1.38E-07	1.34E-03	4.65E-07	1.40E-06	1.55E-08	1.82E-07	1.97E-07	9.58E-06	4.90E-06
5925	485947.77, 3858133.6	9.01E-04	9.42E-07	5.45E-07	1.30E-07	1.27E-08	1.42E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	1.06E-05	5.39E-06
5926	485947.66, 3858038.61	9.34E-04	9.76E-07	5.65E-07	1.34E-07	1.31E-08	1.47E-07	1.61E-03	5.56E-07	1.68E-06	1.86E-08	2.18E-07	2.36E-07	1.19E-05	6.05E-06
5927	485854.54, 3857943.35	9.32E-04	9.74E-07	5.64E-07	1.34E-07	1.31E-08	1.47E-07	1.65E-03	5.72E-07	1.73E-06	1.91E-08	2.24E-07	2.43E-07	1.24E-05	6.32E-06
5928	485761.52, 3857943.09	9.03E-04	9.43E-07	5.46E-07	1.30E-07	1.27E-08	1.42E-07	1.54E-03	5.34E-07	1.61E-06	1.78E-08	2.09E-07	2.27E-07	1.07E-05	5.47E-06
5929	485668.51, 3857942.83	8.77E-04	9.16E-07	5.30E-07	1.26E-07	1.23E-08	1.38E-07	1.46E-03	5.04E-07	1.52E-06	1.68E-08	1.97E-07	2.14E-07	9.53E-06	4.88E-06
5930	485575.5, 3857942.56	8.50E-04	8.89E-07	5.15E-07	1.22E-07	1.20E-08	1.34E-07	1.37E-03	4.75E-07	1.43E-06	1.59E-08	1.86E-07	2.02E-07	8.65E-06	4.44E-06
5931	485482.48, 3857942.3	8.28E-04	8.65E-07	5.01E-07	1.19E-07	1.16E-08	1.31E-07	1.30E-03	4.51E-07	1.36E-06	1.51E-08	1.76E-07	1.92E-07	7.98E-06	4.11E-06
5932	485389.47, 3857942.04	8.06E-04	8.43E-07	4.88E-07	1.16E-07	1.13E-08	1.27E-07	1.24E-03	4.29E-07	1.30E-06	1.43E-08	1.68E-07	1.82E-07	7.42E-06	3.83E-06
5933	485296.46, 3857941.78	7.87E-04	8.22E-07	4.76E-07	1.13E-07	1.11E-08	1.24E-07	1.18E-03	4.09E-07	1.24E-06	1.37E-08	1.60E-07	1.74E-07	6.96E-06	3.59E-06
5934	485203.45, 3857941.52	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	1.13E-03	3.93E-07	1.19E-06	1.31E-08	1.54E-07	1.67E-07	6.57E-06	3.39E-06
5935	485110.43, 3857941.26	7.49E-04	7.83E-07	4.53E-07	1.08E-07	1.05E-08	1.18E-07	1.09E-03	3.76E-07	1.13E-06	1.25E-08	1.47E-07	1.60E-07	6.22E-06	3.22E-06
5936	485017.42, 3857940.99	7.30E-04	7.63E-07	4.41E-07	1.05E-07	1.03E-08	1.15E-07	1.04E-03	3.60E-07	1.09E-06	1.20E-08	1.41E-07	1.53E-07	5.92E-06	3.07E-06
5937	484924.41, 3857940.73	7.12E-04	7.44E-07	4.31E-07	1.02E-07	1.00E-08	1.12E-07	9.98E-04	3.45E-07	1.04E-06	1.15E-08	1.35E-07	1.47E-07	5.65E-06	2.93E-06
5938	484831.39, 3857940.47	6.95E-04	7.27E-07	4.21E-07	1.00E-07	9.78E-09	1.10E-07	9.59E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.41E-06	2.80E-06
5939	484738.12, 3857859.3	6.92E-04	7.23E-07	4.19E-07	9.95E-08	9.73E-09	1.09E-07	9.60E-04	3.32E-07	1.00E-06	1.11E-08	1.30E-07	1.41E-07	5.45E-06	2.82E-06
5940	484737.85, 3857778.4	7.07E-04	7.39E-07	4.28E-07	1.02E-07	9.94E-09	1.12E-07	1.00E-03	3.48E-07	1.05E-06	1.16E-08	1.36E-07	1.48E-07	5.76E-06	2.98E-06
5941	484737.59, 3857697.49	7.23E-04	7.56E-07	4.38E-07	1.04E-07	1.02E-08	1.14E-07	1.05E-03	3.64E-07	1.10E-06	1.22E-08	1.42E-07	1.54E-07	6.13E-06	3.17E-06
5942	484737.32, 3857616.59	7.38E-04	7.71E-07	4.46E-07	1.06E-07	1.04E-08	1.16E-07	1.10E-03	3.81E-07	1.15E-06	1.27E-08	1.49E-07	1.62E-07	6.60E-06	3.40E-06
5943	484645.53, 3857535.18	7.36E-04	7.69E-07	4.45E-07	1.06E-07	1.04E-08	1.16E-07	1.11E-03	3.83E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	6.88E-06	3.54E-06
5944	484553.99, 3857534.67	7.18E-04	7.51E-07	4.35E-07	1.03E-07	1.01E-08	1.13E-07	1.06E-03	3.66E-07	1.11E-06	1.22E-08	1.43E-07	1.55E-07	6.57E-06	3.38E-06
5945	484462.46, 3857534.17	7.02E-04	7.34E-07	4.25E-07	1.01E-07	9.87E-09	1.11E-07	1.01E-03	3.51E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	6.29E-06	3.24E-06
5946	484370.93, 3857533.66	6.87E-04	7.18E-07	4.16E-07	9.88E-08	9.66E-09	1.08E-07	9.74E-04	3.37E-07	1.02E-06	1.13E-08	1.32E-07	1.43E-07	6.03E-06	3.11E-06
5947	484279.4, 3857533.16	6.74E-04	7.05E-07	4.08E-07	9.69E-08	9.48E-09	1.06E-07	9.38E-04	3.25E-07	9.81E-07	1.08E-08	1.27E-07	1.38E-07	5.79E-06	2.98E-06
5948	484187.86, 3857532.65	6.61E-04	6.91E-07	4.00E-07	9.51E-08	9.30E-09	1.04E-07	9.07E-04	3.14E-07	9.48E-07	1.05E-08	1.23E-07	1.33E-07	5.56E-06	2.87E-06

5949	484096.33, 3857532.15	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	8.79E-04	3.04E-07	9.19E-07	1.02E-08	1.19E-07	1.29E-07	5.33E-06	2.75E-06
5950	484004.8, 3857531.64	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	8.54E-04	2.96E-07	8.92E-07	9.87E-09	1.16E-07	1.25E-07	5.13E-06	2.65E-06
5951	483913.27, 3857531.14	6.27E-04	6.55E-07	3.79E-07	9.01E-08	8.81E-09	9.89E-08	8.30E-04	2.87E-07	8.68E-07	9.60E-09	1.12E-07	1.22E-07	4.96E-06	2.56E-06
5952	483821.73, 3857530.63	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	8.08E-04	2.80E-07	8.45E-07	9.34E-09	1.09E-07	1.19E-07	4.83E-06	2.50E-06
5953	483729.61, 3857450.11	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	8.11E-04	2.81E-07	8.48E-07	9.38E-09	1.10E-07	1.19E-07	5.07E-06	2.61E-06
5954	483729.03, 3857370.08	6.28E-04	6.57E-07	3.80E-07	9.04E-08	8.84E-09	9.92E-08	8.38E-04	2.90E-07	8.76E-07	9.69E-09	1.13E-07	1.23E-07	5.55E-06	2.85E-06
5955	483728.44, 3857290.06	6.38E-04	6.67E-07	3.86E-07	9.18E-08	8.98E-09	1.01E-07	8.66E-04	3.00E-07	9.05E-07	1.00E-08	1.17E-07	1.27E-07	6.25E-06	3.20E-06
5956	483727.86, 3857210.03	6.50E-04	6.79E-07	3.93E-07	9.34E-08	9.14E-09	1.03E-07	8.94E-04	3.10E-07	9.35E-07	1.03E-08	1.21E-07	1.31E-07	7.32E-06	3.72E-06
5957	483641.15, 3857129.07	6.51E-04	6.81E-07	3.94E-07	9.37E-08	9.16E-09	1.03E-07	8.99E-04	3.11E-07	9.40E-07	1.04E-08	1.22E-07	1.32E-07	7.93E-06	4.02E-06
5958	483555.03, 3857128.14	6.40E-04	6.69E-07	3.87E-07	9.20E-08	9.00E-09	1.01E-07	8.73E-04	3.02E-07	9.12E-07	1.01E-08	1.18E-07	1.28E-07	7.20E-06	3.66E-06
5959	483468.91, 3857127.2	6.28E-04	6.57E-07	3.80E-07	9.04E-08	8.84E-09	9.92E-08	8.47E-04	2.93E-07	8.86E-07	9.80E-09	1.15E-07	1.25E-07	6.67E-06	3.40E-06
5960	483382.78, 3857126.26	6.20E-04	6.48E-07	3.75E-07	8.92E-08	8.72E-09	9.79E-08	8.26E-04	2.86E-07	8.63E-07	9.54E-09	1.12E-07	1.21E-07	6.26E-06	3.20E-06
5961	483296.66, 3857125.32	6.10E-04	6.38E-07	3.69E-07	8.78E-08	8.58E-09	9.64E-08	8.05E-04	2.79E-07	8.42E-07	9.31E-09	1.09E-07	1.18E-07	5.91E-06	3.02E-06
5962	483210.54, 3857124.39	6.02E-04	6.30E-07	3.64E-07	8.66E-08	8.47E-09	9.51E-08	7.85E-04	2.72E-07	8.20E-07	9.07E-09	1.06E-07	1.15E-07	5.60E-06	2.87E-06
5963	483123.4, 3857030.96	6.06E-04	6.33E-07	3.66E-07	8.71E-08	8.52E-09	9.56E-08	7.91E-04	2.74E-07	8.27E-07	9.14E-09	1.07E-07	1.16E-07	5.76E-06	2.95E-06
5964	483122.38, 3856938.46	6.17E-04	6.45E-07	3.73E-07	8.87E-08	8.68E-09	9.74E-08	8.18E-04	2.83E-07	8.55E-07	9.45E-09	1.11E-07	1.20E-07	6.24E-06	3.18E-06
5965	483121.35, 3856845.97	6.30E-04	6.59E-07	3.81E-07	9.06E-08	8.86E-09	9.95E-08	8.44E-04	2.92E-07	8.83E-07	9.76E-09	1.14E-07	1.24E-07	6.78E-06	3.45E-06
5966	483120.33, 3856753.47	6.41E-04	6.70E-07	3.88E-07	9.22E-08	9.02E-09	1.01E-07	8.71E-04	3.02E-07	9.10E-07	1.01E-08	1.18E-07	1.28E-07	7.34E-06	3.73E-06
5967	483119.31, 3856660.98	6.53E-04	6.82E-07	3.95E-07	9.39E-08	9.18E-09	1.03E-07	9.01E-04	3.12E-07	9.41E-07	1.04E-08	1.22E-07	1.32E-07	7.91E-06	4.01E-06
5968	483118.29, 3856568.49	6.64E-04	6.94E-07	4.02E-07	9.55E-08	9.34E-09	1.05E-07	9.34E-04	3.23E-07	9.76E-07	1.08E-08	1.26E-07	1.37E-07	8.50E-06	4.30E-06
5969	483117.26, 3856475.99	6.77E-04	7.08E-07	4.10E-07	9.74E-08	9.53E-09	1.07E-07	9.71E-04	3.36E-07	1.02E-06	1.12E-08	1.32E-07	1.43E-07	9.14E-06	4.62E-06
5970	483116.24, 3856383.5	6.90E-04	7.22E-07	4.18E-07	9.93E-08	9.71E-09	1.09E-07	1.01E-03	3.50E-07	1.06E-06	1.17E-08	1.37E-07	1.49E-07	9.92E-06	5.00E-06
5971	483115.22, 3856291.01	7.05E-04	7.37E-07	4.27E-07	1.01E-07	9.92E-09	1.11E-07	1.06E-03	3.65E-07	1.10E-06	1.22E-08	1.43E-07	1.55E-07	1.11E-05	5.58E-06
5972	483114.2, 3856198.51	7.21E-04	7.54E-07	4.37E-07	1.04E-07	1.01E-08	1.14E-07	1.10E-03	3.82E-07	1.15E-06	1.28E-08	1.50E-07	1.62E-07	1.31E-05	6.59E-06
5973	483113.17, 3856106.02	7.41E-04	7.75E-07	4.48E-07	1.07E-07	1.04E-08	1.17E-07	1.17E-03	4.03E-07	1.22E-06	1.35E-08	1.58E-07	1.71E-07	1.75E-05	8.71E-06
5974	483112.15, 3856013.52	7.62E-04	7.97E-07	4.61E-07	1.10E-07	1.07E-08	1.20E-07	1.23E-03	4.27E-07	1.29E-06	1.43E-08	1.67E-07	1.81E-07	1.96E-05	9.77E-06
5975	483029.25, 3855920.47	7.72E-04	8.07E-07	4.67E-07	1.11E-07	1.09E-08	1.22E-07	1.25E-03	4.32E-07	1.30E-06	1.44E-08	1.69E-07	1.84E-07	1.60E-05	8.00E-06
5976	482947.37, 3855919.91	7.59E-04	7.93E-07	4.59E-07	1.09E-07	1.07E-08	1.20E-07	1.19E-03	4.12E-07	1.24E-06	1.38E-08	1.61E-07	1.75E-07	1.28E-05	6.45E-06
5977	482865.49, 3855919.36	7.46E-04	7.80E-07	4.51E-07	1.07E-07	1.05E-08	1.18E-07	1.14E-03	3.94E-07	1.19E-06	1.32E-08	1.54E-07	1.67E-07	1.08E-05	5.47E-06
5978	482783.61, 3855918.8	7.35E-04	7.68E-07	4.44E-07	1.06E-07	1.03E-08	1.16E-07	1.09E-03	3.79E-07	1.14E-06	1.27E-08	1.48E-07	1.61E-07	9.59E-06	4.86E-06
5979	482700.33, 3855818.39	7.44E-04	7.78E-07	4.50E-07	1.07E-07	1.05E-08	1.17E-07	1.11E-03	3.83E-07	1.16E-06	1.28E-08	1.50E-07	1.63E-07	1.00E-05	5.08E-06
5980	482698.92, 3855718.54	7.69E-04	8.04E-07	4.65E-07	1.11E-07	1.08E-08	1.21E-07	1.17E-03	4.05E-07	1.22E-06	1.35E-08	1.58E-07	1.72E-07	1.56E-05	7.80E-06
5981	482697.52, 3855618.68	7.97E-04	8.33E-07	4.82E-07	1.15E-07	1.12E-08	1.26E-07	1.24E-03	4.30E-07	1.30E-06	1.44E-08	1.68E-07	1.83E-07	1.80E-05	8.95E-06
5982	482696.11, 3855518.83	8.29E-04	8.67E-07	5.02E-07	1.19E-07	1.17E-08	1.31E-07	1.33E-03	4.60E-07	1.39E-06	1.54E-08	1.80E-07	1.95E-07	1.87E-05	9.34E-06
5983	482694.71, 3855418.98	8.65E-04	9.04E-07	5.23E-07	1.24E-07	1.22E-08	1.37E-07	1.43E-03	4.95E-07	1.49E-06	1.65E-08	1.93E-07	2.10E-07	1.91E-05	9.54E-06
5984	482693.3, 3855319.13	9.04E-04	9.45E-07	5.47E-07	1.30E-07	1.27E-08	1.43E-07	1.55E-03	5.35E-07	1.62E-06	1.79E-08	2.09E-07	2.27E-07	1.93E-05	9.66E-06
5985	482691.9, 3855219.27	9.52E-04	9.95E-07	5.76E-07	1.37E-07	1.34E-08	1.50E-07	1.69E-03	5.84E-07	1.76E-06	1.95E-08	2.28E-07	2.48E-07	1.95E-05	9.75E-06
5986	482690.49, 3855119.42	1.00E-03	1.05E-06	6.06E-07	1.44E-07	1.41E-08	1.58E-07	1.86E-03	6.43E-07	1.94E-06	2.15E-08	2.51E-07	2.73E-07	1.95E-05	9.80E-06
5987	482689.09, 3855019.57	1.06E-03	1.11E-06	6.44E-07	1.53E-07	1.50E-08	1.68E-07	2.08E-03	7.19E-07	2.17E-06	2.40E-08	2.81E-07	3.05E-07	1.96E-05	9.86E-06
5988	482687.68, 3854919.71	1.13E-03	1.19E-06	6.86E-07	1.63E-07	1.60E-08	1.79E-07	2.34E-03	8.09E-07	2.44E-06	2.70E-08	3.17E-07	3.44E-07	1.96E-05	9.90E-06
5989	482686.28, 3854819.86	1.22E-03	1.28E-06	7.39E-07	1.76E-07	1.72E-08	1.93E-07	2.68E-03	9.26E-07	2.80E-06	3.09E-08	3.62E-07	3.93E-07	1.97E-05	9.99E-06
5990	482684.88, 3854720.01	1.32E-03	1.38E-06	7.99E-07	1.90E-07	1.86E-08	2.08E-07	3.08E-03	1.07E-06	3.22E-06	3.56E-08	4.17E-07	4.52E-07	1.99E-05	1.02E-05
5991	482683.47, 3854620.16	1.45E-03	1.52E-06	8.79E-07	2.09E-07	2.04E-08	2.29E-07	3.59E-03	1.24E-06	3.75E-06	4.14E-08	4.86E-07	5.27E-07	1.99E-05	1.02E-05
5992	482682.07, 3854520.31	1.61E-03	1.68E-06	9.75E-07	2.32E-07	2.27E-08	2.54E-07	4.15E-03	1.44E-06	4.34E-06	4.80E-08	5.62E-07	6.10E-07	1.99E-05	1.03E-05
5993	482680.66, 3854420.45	1.81E-03	1.90E-06	1.10E-06	2.61E-07	2.55E-08	2.86E-07	4.76E-03	1.65E-06	4.97E-06	5.50E-08	6.44E-07	6.99E-07	1.98E-05	1.04E-05
5994	482679.26, 3854320.6	2.07E-03	2.16E-06	1.25E-06	2.98E-07	2.91E-08	3.27E-07	5.29E-03	1.83E-06	5.53E-06	6.12E-08	7.17E-07	7.78E-07	1.97E-05	1.04E-05
5995	482677.85, 3854220.75	2.43E-03	2.54E-06	1.47E-06	3.49E-07	3.42E-08	3.84E-07	5.69E-03	1.97E-06	5.95E-06	6.58E-08	7.71E-07	8.37E-07	1.97E-05	1.04E-05
5996	482676.45, 3854120.9	2.83E-03	2.96E-06	1.71E-06	4.07E-07	3.98E-08	4.47E-07	5.87E-03	2.03E-06	6.14E-06	6.79E-08	7.95E-07	8.63E-07	1.93E-05	1.03E-05
5997	482675.04, 3854021.04	3.32E-03	3.47E-06	2.01E-06	4.77E-07	4.67E-08	5.24E-07	6.10E-03	2.11E-06	6.38E-06	7.05E-08	8.26E-07	8.97E-07	1.91E-05	1.03E-05
5998	482673.64, 3853921.19	3.84E-03	4.01E-06	2.32E-06	5.52E-07	5.40E-08	6.06E-07	6.33E-03	2.19E-06	6.62E-06	7.32E-08	8.57E-07	9.30E-07	1.84E-05	1.00E-05
5999	482672.23, 3853821.34	4.44E-03	4.65E-06	2.69E-06	6.39E-07	6.25E-08	7.02E-07	6.73E-03	2.33E-06	7.04E-06	7.78E-08	9.12E-07	9.89E-07	1.79E-05	9.87E-06
6000	482670.83, 3853721.48	5.24E-03	5.47E-06	3.17E-06	7.53E-07	7.37E-08	8.27E-07	7.19E-03	2.49E-06	7.52E-06	8.31E-08	9.74E-07	1.06E-06	1.74E-05	9.77E-06
6001	482669.42, 3853621.63	6.37E-03	6.65E-06	3.85E-06	9.15E-07	8.95E-08	1.00E-06	7.76E-03	2.69E-06	8.11E-06	8.97E-08	1.05E-06	1.14E-06	1.70E-05	9.73E-06
6002	482645.99, 3853446.13	8.47E-03	8.86E-06	5.13E-06	1.22E-06	1.19E-07	1.34E-06	8.84E-03	3.06E-06	9.24E-06	1.02E-07	1.20E-06	1.30E-06	1.59E-05	9.50E-06
6003	482623.96, 3853370.48	8.96E-03	9.37E-06	5.42E-06	1.29E-06	1.26E-07	1.41E-06	8.94E-03	3.10E-06	9.35E-06	1.03E-07	1.21E-06	1.31E-06	1.53E-05	9.23E-06
6004	482601.94, 3853294.84	9.72E-03	1.02E-05	5.88E-06	1.40E-06	1.37E-07	1.53E-06	9.36E-03	3.24E-06	9.79E-06	1.08E-07	1.27E-06	1.38E-06	1.48E-05	9.11E-06
6005	482531.29, 3853133.44	1.12E-02	1.17E-05	6.80E-06	1.62E-06	1.58E-07	1.77E-06	1.08E-02	3.73E-06	1.13E-05	1.24E-07	1.46E-06	1.58E-06	1.43E-05	9.17E-06
6006	482482.68, 3853047.69	1.22E-02	1.27E-05	7.35E-06	1.75E-06	1.71E-07	1.92E-06	1.16E-02	4.01E-06	1.21E-05	1.34E-07	1.57E-06	1.70E-06	1.41E-05	9.25E-06
6007	482383.08, 3852897.4	1.81E-02	1.90E-05	1.10E-05	2.61E-06	2.55E-07	2.87E-06	1.71E-02	5.92E-06	1.79E-05	1.98E-07	2.32E-06	2.51E-06	1.54E-05	1.10E-05
6008	482265.64, 3852765.26	2.05E-02	2.14E-05	1.24E-05	2.95E-06	2.88E-07	3.24E-06	1.93E-02	6.68E-06	2.02E-05	2.23E-07	2.61E-06	2.84E-06	1.57E-05	1.16E-05
6009	482199.16, 3852697.66	2.03E-02	2.12E-05	1.23E-05	2.92E-06	2.85E-07	3.20E-06	1.91E-02	6.62E-06	2.00E-05	2.21E-07	2.59E-06	2.81E-06	1.54E-05	1.14E-05
6010	482132.69, 3852630.07	1.99E-02	2.08E-05	1.20E-05	2.86E-06	2.80E-07	3.14E-06	1.88E-02	6.49E-06	1.96E-05	2.17E-07	2.54E-06	2.76E-06	1.51E-05	1.12E-05

6011	482066.21, 3852562.48	1.97E-02	2.06E-05	1.19E-05	2.84E-06	2.77E-07	3.11E-06	1.86E-02	6.43E-06	1.94E-05	2.15E-07	2.52E-06	2.73E-06	1.49E-05	1.11E-05
6012	481999.74, 3852494.89	1.94E-02	2.02E-05	1.17E-05	2.78E-06	2.72E-07	3.06E-06	1.83E-02	6.32E-06	1.91E-05	2.11E-07	2.47E-06	2.68E-06	1.46E-05	1.09E-05
6013	481933.26, 3852427.29	1.88E-02	1.97E-05	1.14E-05	2.70E-06	2.65E-07	2.97E-06	1.77E-02	6.14E-06	1.85E-05	2.05E-07	2.40E-06	2.61E-06	1.43E-05	1.06E-05
6014	481866.79, 3852359.7	1.87E-02	1.95E-05	1.13E-05	2.69E-06	2.63E-07	2.95E-06	1.76E-02	6.10E-06	1.84E-05	2.04E-07	2.39E-06	2.59E-06	1.41E-05	1.05E-05
6015	481800.31, 3852292.11	1.82E-02	1.90E-05	1.10E-05	2.62E-06	2.56E-07	2.87E-06	1.72E-02	5.94E-06	1.79E-05	1.98E-07	2.32E-06	2.52E-06	1.39E-05	1.03E-05
6016	481733.84, 3852224.52	1.79E-02	1.87E-05	1.08E-05	2.57E-06	2.51E-07	2.82E-06	1.69E-02	5.83E-06	1.76E-05	1.95E-07	2.28E-06	2.48E-06	1.36E-05	1.01E-05
6017	481667.36, 3852156.92	1.78E-02	1.86E-05	1.08E-05	2.57E-06	2.51E-07	2.82E-06	1.68E-02	5.83E-06	1.76E-05	1.95E-07	2.28E-06	2.48E-06	1.36E-05	1.01E-05
6018	481600.89, 3852089.33	1.75E-02	1.83E-05	1.06E-05	2.51E-06	2.46E-07	2.76E-06	1.65E-02	5.71E-06	1.72E-05	1.91E-07	2.23E-06	2.43E-06	1.34E-05	9.89E-06
6019	481534.41, 3852021.74	1.74E-02	1.81E-05	1.05E-05	2.50E-06	2.44E-07	2.74E-06	1.64E-02	5.67E-06	1.71E-05	1.89E-07	2.22E-06	2.41E-06	1.33E-05	9.82E-06
6020	481467.94, 3851954.15	1.72E-02	1.80E-05	1.04E-05	2.48E-06	2.42E-07	2.72E-06	1.63E-02	5.63E-06	1.70E-05	1.88E-07	2.20E-06	2.39E-06	1.32E-05	9.74E-06
6021	481401.46, 3851886.55	1.72E-02	1.80E-05	1.04E-05	2.47E-06	2.42E-07	2.71E-06	1.62E-02	5.62E-06	1.70E-05	1.88E-07	2.20E-06	2.38E-06	1.31E-05	9.72E-06
6022	481265.87, 3851761.43	1.51E-02	1.57E-05	9.11E-06	2.16E-06	2.12E-07	2.38E-06	1.42E-02	4.93E-06	1.49E-05	1.65E-07	1.93E-06	2.09E-06	1.23E-05	8.89E-06
6023	481196.74, 3851703.89	1.40E-02	1.47E-05	8.48E-06	2.02E-06	1.97E-07	2.21E-06	1.33E-02	4.61E-06	1.39E-05	1.54E-07	1.81E-06	1.96E-06	1.22E-05	8.66E-06
6024	481076.33, 3851619.04	1.35E-02	1.41E-05	8.17E-06	1.94E-06	1.90E-07	2.13E-06	1.30E-02	4.49E-06	1.35E-05	1.50E-07	1.76E-06	1.90E-06	1.22E-05	8.56E-06
6025	480939.8, 3851549.07	1.30E-02	1.36E-05	7.87E-06	1.87E-06	1.83E-07	2.05E-06	1.26E-02	4.35E-06	1.31E-05	1.45E-07	1.70E-06	1.85E-06	1.20E-05	8.41E-06
6026	480854.56, 3851506.41	1.31E-02	1.37E-05	7.94E-06	1.89E-06	1.84E-07	2.07E-06	1.26E-02	4.37E-06	1.32E-05	1.46E-07	1.71E-06	1.86E-06	1.21E-05	8.48E-06
6027	480769.32, 3851463.75	1.33E-02	1.39E-05	8.07E-06	1.92E-06	1.87E-07	2.10E-06	1.28E-02	4.42E-06	1.33E-05	1.48E-07	1.73E-06	1.88E-06	1.24E-05	8.63E-06
6028	480684.08, 3851421.08	1.36E-02	1.42E-05	8.21E-06	1.95E-06	1.91E-07	2.14E-06	1.29E-02	4.48E-06	1.35E-05	1.49E-07	1.75E-06	1.90E-06	1.26E-05	8.78E-06
6029	480598.84, 3851378.42	1.36E-02	1.43E-05	8.25E-06	1.96E-06	1.92E-07	2.15E-06	1.29E-02	4.48E-06	1.35E-05	1.50E-07	1.75E-06	1.90E-06	1.26E-05	8.80E-06
6030	480435.71, 3851275.01	1.87E-02	1.96E-05	1.13E-05	2.69E-06	2.63E-07	2.96E-06	1.75E-02	6.06E-06	1.83E-05	2.02E-07	2.37E-06	2.57E-06	1.46E-05	1.07E-05
6031	480347.85, 3851232.36	1.86E-02	1.94E-05	1.12E-05	2.67E-06	2.61E-07	2.93E-06	1.73E-02	5.97E-06	1.80E-05	1.99E-07	2.34E-06	2.54E-06	1.43E-05	1.05E-05
6032	480260, 3851189.72	1.84E-02	1.93E-05	1.12E-05	2.65E-06	2.59E-07	2.91E-06	1.70E-02	5.89E-06	1.78E-05	1.97E-07	2.30E-06	2.50E-06	1.41E-05	1.04E-05
6033	480172.15, 3851147.07	1.83E-02	1.92E-05	1.11E-05	2.64E-06	2.58E-07	2.89E-06	1.68E-02	5.81E-06	1.76E-05	1.94E-07	2.27E-06	2.47E-06	1.41E-05	1.03E-05
6034	480084.29, 3851104.42	1.82E-02	1.90E-05	1.10E-05	2.62E-06	2.56E-07	2.88E-06	1.66E-02	5.74E-06	1.73E-05	1.92E-07	2.25E-06	2.44E-06	1.41E-05	1.03E-05
6035	479996.44, 3851061.77	1.81E-02	1.90E-05	1.10E-05	2.61E-06	2.55E-07	2.86E-06	1.64E-02	5.69E-06	1.72E-05	1.90E-07	2.23E-06	2.42E-06	1.41E-05	1.03E-05
6036	479908.58, 3851019.13	1.85E-02	1.94E-05	1.12E-05	2.67E-06	2.61E-07	2.93E-06	1.67E-02	5.78E-06	1.75E-05	1.93E-07	2.26E-06	2.45E-06	1.43E-05	1.04E-05
6037	479820.73, 3850976.48	1.84E-02	1.93E-05	1.11E-05	2.65E-06	2.59E-07	2.91E-06	1.65E-02	5.72E-06	1.73E-05	1.91E-07	2.24E-06	2.43E-06	1.43E-05	1.04E-05
6038	479732.88, 3850933.83	1.83E-02	1.92E-05	1.11E-05	2.64E-06	2.58E-07	2.89E-06	1.64E-02	5.67E-06	1.71E-05	1.89E-07	2.22E-06	2.41E-06	1.45E-05	1.05E-05
6039	479645.02, 3850891.18	1.83E-02	1.91E-05	1.11E-05	2.63E-06	2.57E-07	2.89E-06	1.63E-02	5.65E-06	1.71E-05	1.89E-07	2.21E-06	2.40E-06	1.48E-05	1.06E-05
6040	479557.17, 3850848.54	1.81E-02	1.89E-05	1.10E-05	2.61E-06	2.55E-07	2.86E-06	1.62E-02	5.61E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.49E-05	1.07E-05
6041	479469.32, 3850805.89	1.83E-02	1.91E-05	1.11E-05	2.63E-06	2.57E-07	2.88E-06	1.64E-02	5.66E-06	1.71E-05	1.89E-07	2.22E-06	2.40E-06	1.51E-05	1.08E-05
6042	479381.46, 3850763.24	1.81E-02	1.89E-05	1.09E-05	2.60E-06	2.54E-07	2.85E-06	1.62E-02	5.62E-06	1.70E-05	1.88E-07	2.20E-06	2.38E-06	1.51E-05	1.08E-05
6043	479293.61, 3850720.59	1.77E-02	1.85E-05	1.07E-05	2.55E-06	2.49E-07	2.80E-06	1.59E-02	5.52E-06	1.67E-05	1.84E-07	2.16E-06	2.34E-06	1.50E-05	1.06E-05
6044	479205.76, 3850677.95	1.75E-02	1.83E-05	1.06E-05	2.51E-06	2.46E-07	2.76E-06	1.57E-02	5.45E-06	1.65E-05	1.82E-07	2.13E-06	2.31E-06	1.48E-05	1.05E-05
6045	479117.9, 3850635.3	1.69E-02	1.76E-05	1.02E-05	2.43E-06	2.37E-07	2.66E-06	1.52E-02	5.28E-06	1.59E-05	1.76E-07	2.06E-06	2.24E-06	1.46E-05	1.03E-05
6046	479030.05, 3850592.65	1.63E-02	1.71E-05	9.87E-06	2.35E-06	2.29E-07	2.58E-06	1.48E-02	5.13E-06	1.55E-05	1.71E-07	2.01E-06	2.18E-06	1.43E-05	1.00E-05
6047	478942.19, 3850550	1.66E-02	1.73E-05	1.00E-05	2.38E-06	2.33E-07	2.62E-06	1.51E-02	5.22E-06	1.57E-05	1.74E-07	2.04E-06	2.21E-06	1.41E-05	1.00E-05
6048	478854.34, 3850507.36	1.77E-02	1.85E-05	1.07E-05	2.54E-06	2.49E-07	2.79E-06	1.61E-02	5.57E-06	1.68E-05	1.86E-07	2.18E-06	2.37E-06	1.44E-05	1.03E-05
6049	478766.49, 3850464.71	1.77E-02	1.85E-05	1.07E-05	2.55E-06	2.49E-07	2.80E-06	1.62E-02	5.60E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.42E-05	1.03E-05
6050	478678.63, 3850422.06	1.76E-02	1.84E-05	1.07E-05	2.54E-06	2.48E-07	2.79E-06	1.61E-02	5.59E-06	1.69E-05	1.87E-07	2.19E-06	2.37E-06	1.41E-05	1.02E-05
6051	478590.78, 3850379.41	1.76E-02	1.84E-05	1.07E-05	2.54E-06	2.48E-07	2.78E-06	1.62E-02	5.60E-06	1.69E-05	1.87E-07	2.19E-06	2.38E-06	1.40E-05	1.02E-05
6052	478502.93, 3850336.77	1.76E-02	1.84E-05	1.06E-05	2.52E-06	2.47E-07	2.77E-06	1.61E-02	5.59E-06	1.69E-05	1.87E-07	2.19E-06	2.37E-06	1.39E-05	1.01E-05
6053	478415.07, 3850294.12	1.73E-02	1.81E-05	1.05E-05	2.49E-06	2.44E-07	2.74E-06	1.60E-02	5.53E-06	1.67E-05	1.85E-07	2.16E-06	2.35E-06	1.37E-05	9.98E-06
6054	478327.22, 3850251.47	1.74E-02	1.82E-05	1.05E-05	2.50E-06	2.45E-07	2.75E-06	1.61E-02	5.57E-06	1.68E-05	1.86E-07	2.18E-06	2.36E-06	1.36E-05	9.96E-06
6055	478239.36, 3850208.82	1.74E-02	1.82E-05	1.05E-05	2.50E-06	2.45E-07	2.75E-06	1.61E-02	5.57E-06	1.68E-05	1.86E-07	2.18E-06	2.37E-06	1.35E-05	9.92E-06
6056	478151.51, 3850166.18	1.73E-02	1.81E-05	1.05E-05	2.49E-06	2.44E-07	2.74E-06	1.61E-02	5.56E-06	1.68E-05	1.86E-07	2.18E-06	2.36E-06	1.35E-05	9.88E-06
6057	478063.66, 3850123.53	1.72E-02	1.80E-05	1.04E-05	2.48E-06	2.42E-07	2.72E-06	1.60E-02	5.54E-06	1.67E-05	1.85E-07	2.17E-06	2.35E-06	1.34E-05	9.84E-06
6058	477975.8, 3850080.88	1.68E-02	1.75E-05	1.01E-05	2.41E-06	2.36E-07	2.65E-06	1.56E-02	5.41E-06	1.63E-05	1.81E-07	2.11E-06	2.30E-06	1.31E-05	9.63E-06
6059	477887.95, 3850038.23	1.67E-02	1.74E-05	1.01E-05	2.40E-06	2.34E-07	2.63E-06	1.55E-02	5.38E-06	1.62E-05	1.80E-07	2.10E-06	2.28E-06	1.31E-05	9.57E-06
6060	477800.1, 3849995.59	1.64E-02	1.71E-05	9.91E-06	2.36E-06	2.30E-07	2.59E-06	1.53E-02	5.30E-06	1.60E-05	1.77E-07	2.07E-06	2.25E-06	1.29E-05	9.46E-06
6061	477712.24, 3849952.94	1.64E-02	1.71E-05	9.93E-06	2.36E-06	2.31E-07	2.59E-06	1.54E-02	5.32E-06	1.61E-05	1.78E-07	2.08E-06	2.26E-06	1.29E-05	9.46E-06
6062	477624.39, 3849910.29	1.64E-02	1.71E-05	9.90E-06	2.35E-06	2.30E-07	2.58E-06	1.54E-02	5.32E-06	1.61E-05	1.78E-07	2.08E-06	2.26E-06	1.28E-05	9.39E-06
6063	477536.54, 3849867.64	1.61E-02	1.68E-05	9.74E-06	2.32E-06	2.26E-07	2.54E-06	1.51E-02	5.24E-06	1.58E-05	1.75E-07	2.05E-06	2.23E-06	1.25E-05	9.22E-06
6064	477448.68, 3849825	1.60E-02	1.67E-05	9.68E-06	2.30E-06	2.25E-07	2.53E-06	1.51E-02	5.22E-06	1.58E-05	1.74E-07	2.04E-06	2.22E-06	1.24E-05	9.15E-06
6065	477360.83, 3849782.35	1.58E-02	1.65E-05	9.58E-06	2.28E-06	2.23E-07	2.50E-06	1.49E-02	5.17E-06	1.56E-05	1.73E-07	2.02E-06	2.20E-06	1.23E-05	9.06E-06
6066	477272.97, 3849739.7	1.56E-02	1.63E-05	9.41E-06	2.24E-06	2.19E-07	2.46E-06	1.47E-02	5.10E-06	1.54E-05	1.70E-07	1.99E-06	2.17E-06	1.22E-05	8.97E-06
6067	477185.12, 3849697.05	1.55E-02	1.62E-05	9.35E-06	2.22E-06	2.17E-07	2.44E-06	1.47E-02	5.08E-06	1.53E-05	1.70E-07	1.99E-06	2.16E-06	1.22E-05	8.95E-06
6068	477097.27, 3849654.41	1.56E-02	1.63E-05	9.45E-06	2.25E-06	2.20E-07	2.46E-06	1.48E-02	5.14E-06	1.55E-05	1.72E-07	2.01E-06	2.18E-06	1.23E-05	9.03E-06
6069	477009.41, 3849611.76	1.61E-02	1.68E-05	9.73E-06	2.31E-06	2.26E-07	2.54E-06	1.53E-02	5.30E-06	1.60E-05	1.77E-07	2.07E-06	2.25E-06	1.25E-05	9.23E-06
6070	476841.49, 3849530.08	1.61E-02	1.69E-05	9.77E-06	2.32E-06	2.27E-07	2.55E-06	1.54E-02	5.35E-06	1.61E-05	1.79E-07	2.09E-06	2.27E-06	1.27E-05	9.33E-06
6071	476761.41, 3849491.05	1.61E-02	1.68E-05	9.75E-06	2.32E-06	2.27E-07	2.54E-06	1.54E-02	5.34E-06	1.61E-05	1.78E-07	2.09E-06	2.27E-06	1.27E-05	9.35E-06
6072	476681.34, 3849452.02	1.65E-02	1.72E-05	9.98E-06	2.37E-06	2.32E-07	2.60E-06	1.58E-02	5.48E-06	1.65E-05	1.83E-07	2.14E-06	2.33E-06	1.30E-05	9.56E-06

6073	476601.26, 3849412.99	1.73E-02	1.81E-05	1.05E-05	2.49E-06	2.43E-07	2.73E-06	1.66E-02	5.75E-06	1.74E-05	1.92E-07	2.25E-06	2.44E-06	1.35E-05	9.97E-06
6074	476456.32, 3849353.67	1.99E-02	2.08E-05	1.21E-05	2.87E-06	2.81E-07	3.15E-06	1.91E-02	6.62E-06	2.00E-05	2.21E-07	2.59E-06	2.81E-06	1.48E-05	1.11E-05
6075	476305.43, 3849318.83	1.92E-02	2.00E-05	1.16E-05	2.76E-06	2.70E-07	3.03E-06	1.83E-02	6.33E-06	1.91E-05	2.11E-07	2.48E-06	2.69E-06	1.42E-05	1.07E-05
6076	476129.36, 3849289.99	1.74E-02	1.82E-05	1.05E-05	2.51E-06	2.45E-07	2.75E-06	1.66E-02	5.74E-06	1.73E-05	1.92E-07	2.25E-06	2.44E-06	1.34E-05	9.91E-06
6077	476039.31, 3849275.68	1.68E-02	1.76E-05	1.02E-05	2.41E-06	2.36E-07	2.65E-06	1.60E-02	5.54E-06	1.67E-05	1.85E-07	2.17E-06	2.35E-06	1.30E-05	9.62E-06
6078	475949.26, 3849261.38	1.70E-02	1.78E-05	1.03E-05	2.44E-06	2.39E-07	2.68E-06	1.62E-02	5.61E-06	1.70E-05	1.87E-07	2.20E-06	2.38E-06	1.31E-05	9.69E-06
6079	475859.21, 3849247.08	1.61E-02	1.68E-05	9.73E-06	2.31E-06	2.26E-07	2.54E-06	1.54E-02	5.32E-06	1.61E-05	1.78E-07	2.08E-06	2.26E-06	1.27E-05	9.30E-06
6080	475769.16, 3849232.77	1.54E-02	1.61E-05	9.31E-06	2.21E-06	2.16E-07	2.43E-06	1.47E-02	5.10E-06	1.54E-05	1.70E-07	1.99E-06	2.17E-06	1.24E-05	9.04E-06
6081	475585.22, 3849219.27	8.99E-03	9.40E-06	5.44E-06	1.29E-06	1.26E-07	1.42E-06	8.58E-03	2.97E-06	8.97E-06	9.92E-08	1.16E-06	1.26E-06	8.52E-06	5.90E-06
6082	475444.49, 3849150.34	1.77E-02	1.85E-05	1.07E-05	2.55E-06	2.49E-07	2.80E-06	1.69E-02	5.86E-06	1.77E-05	1.96E-07	2.29E-06	2.49E-06	1.47E-05	1.06E-05
6083	475334.17, 3849118.71	1.47E-02	1.54E-05	8.92E-06	2.12E-06	2.07E-07	2.33E-06	1.41E-02	4.88E-06	1.47E-05	1.63E-07	1.91E-06	2.07E-06	1.19E-05	8.68E-06
6084	475230.46, 3849060.57	1.73E-02	1.81E-05	1.05E-05	2.49E-06	2.44E-07	2.74E-06	1.66E-02	5.74E-06	1.73E-05	1.92E-07	2.24E-06	2.44E-06	1.34E-05	9.90E-06
6085	475110.86, 3848960.97	2.01E-02	2.10E-05	1.22E-05	2.89E-06	2.83E-07	3.17E-06	1.91E-02	6.62E-06	2.00E-05	2.21E-07	2.59E-06	2.81E-06	1.43E-05	1.09E-05
6086	475037.79, 3848896.28	2.11E-02	2.20E-05	1.28E-05	3.03E-06	2.96E-07	3.33E-06	2.00E-02	6.94E-06	2.09E-05	2.32E-07	2.71E-06	2.95E-06	1.44E-05	1.11E-05
6087	474964.72, 3848831.59	2.19E-02	2.29E-05	1.33E-05	3.16E-06	3.09E-07	3.46E-06	2.09E-02	7.22E-06	2.18E-05	2.41E-07	2.83E-06	3.07E-06	1.47E-05	1.14E-05
6088	474891.65, 3848766.9	2.25E-02	2.35E-05	1.36E-05	3.23E-06	3.16E-07	3.55E-06	2.14E-02	7.40E-06	2.23E-05	2.47E-07	2.89E-06	3.14E-06	1.46E-05	1.15E-05
6089	474818.58, 3848702.22	2.34E-02	2.44E-05	1.41E-05	3.36E-06	3.28E-07	3.69E-06	2.22E-02	7.69E-06	2.32E-05	2.57E-07	3.01E-06	3.27E-06	1.47E-05	1.17E-05
6090	474745.51, 3848637.53	2.26E-02	2.36E-05	1.36E-05	3.24E-06	3.17E-07	3.56E-06	2.15E-02	7.43E-06	2.24E-05	2.48E-07	2.91E-06	3.16E-06	1.37E-05	1.11E-05
6091	474672.44, 3848572.84	2.31E-02	2.41E-05	1.40E-05	3.32E-06	3.25E-07	3.65E-06	2.20E-02	7.61E-06	2.30E-05	2.54E-07	2.98E-06	3.23E-06	1.36E-05	1.11E-05
6092	474599.37, 3848508.15	2.45E-02	2.56E-05	1.48E-05	3.53E-06	3.45E-07	3.87E-06	2.34E-02	8.09E-06	2.44E-05	2.70E-07	3.16E-06	3.43E-06	1.41E-05	1.16E-05
6093	474526.3, 3848443.46	2.53E-02	2.64E-05	1.53E-05	3.63E-06	3.55E-07	3.99E-06	2.41E-02	8.33E-06	2.51E-05	2.78E-07	3.26E-06	3.54E-06	1.42E-05	1.18E-05

Construction - Student Risk

		Unmitigated			Mitigated			Existing Main			S. Main			Total Risk	
Rec#	X, Y	Concentrati	Dose	Risk	Concentra	Dose	Risk	Concentratic	Dose	Risk	Concentrati	Dose	Risk	Unmitigate	Mitigated
1	485973.61, 3854936.51	5.03E-02	1.59E-05	6.74E-06	2.53E-02	7.99E-06	3.39E-06	1.26E-03	3.97E-07	2.28E-08	3.05E-03	9.63E-07	7.31E-08	6.79E-06	3.44E-06
2	486023.61, 3854936.51	4.92E-02	1.55E-05	6.59E-06	2.48E-02	7.81E-06	3.32E-06	1.24E-03	3.90E-07	2.24E-08	2.93E-03	9.25E-07	7.02E-08	6.64E-06	3.36E-06
3	486073.61, 3854936.51	4.80E-02	1.51E-05	6.43E-06	2.42E-02	7.62E-06	3.23E-06	1.22E-03	3.85E-07	2.21E-08	2.83E-03	8.93E-07	6.78E-08	6.47E-06	3.28E-06
4	486123.61, 3854936.51	4.68E-02	1.48E-05	6.27E-06	2.36E-02	7.44E-06	3.16E-06	1.19E-03	3.76E-07	2.16E-08	2.70E-03	8.54E-07	6.48E-08	6.31E-06	3.20E-06
5	486173.61, 3854936.51	4.60E-02	1.45E-05	6.16E-06	2.32E-02	7.31E-06	3.10E-06	1.18E-03	3.73E-07	2.14E-08	2.64E-03	8.32E-07	6.31E-08	6.20E-06	3.14E-06
6	486223.61, 3854936.51	4.51E-02	1.42E-05	6.04E-06	2.27E-02	7.16E-06	3.04E-06	1.16E-03	3.67E-07	2.11E-08	2.54E-03	8.03E-07	6.09E-08	6.08E-06	3.08E-06
7	486273.61, 3854936.51	4.42E-02	1.40E-05	5.92E-06	2.23E-02	7.02E-06	2.98E-06	1.15E-03	3.62E-07	2.08E-08	2.46E-03	7.78E-07	5.90E-08	5.96E-06	3.02E-06
8	486323.61, 3854936.51	4.34E-02	1.37E-05	5.81E-06	2.19E-02	6.90E-06	2.93E-06	1.13E-03	3.57E-07	2.06E-08	2.39E-03	7.56E-07	5.74E-08	5.85E-06	2.96E-06
9	485973.61, 3854986.51	5.26E-02	1.66E-05	7.04E-06	2.64E-02	8.34E-06	3.54E-06	1.29E-03	4.07E-07	2.34E-08	3.18E-03	1.00E-06	7.61E-08	7.10E-06	3.59E-06
10	486023.61, 3854986.51	5.14E-02	1.62E-05	6.89E-06	2.59E-02	8.16E-06	3.46E-06	1.27E-03	4.00E-07	2.30E-08	3.06E-03	9.64E-07	7.32E-08	6.94E-06	3.51E-06
11	486073.61, 3854986.51	5.03E-02	1.59E-05	6.73E-06	2.53E-02	7.98E-06	3.39E-06	1.25E-03	3.93E-07	2.26E-08	2.93E-03	9.26E-07	7.03E-08	6.78E-06	3.43E-06
12	486123.61, 3854986.51	4.92E-02	1.55E-05	6.59E-06	2.48E-02	7.81E-06	3.31E-06	1.23E-03	3.87E-07	2.22E-08	2.82E-03	8.91E-07	6.76E-08	6.64E-06	3.36E-06
13	486173.61, 3854986.51	4.80E-02	1.52E-05	6.43E-06	2.42E-02	7.62E-06	3.23E-06	1.21E-03	3.82E-07	2.20E-08	2.74E-03	8.63E-07	6.55E-08	6.47E-06	3.28E-06
14	486223.61, 3854986.51	4.70E-02	1.48E-05	6.29E-06	2.36E-02	7.46E-06	3.17E-06	1.19E-03	3.75E-07	2.16E-08	2.64E-03	8.32E-07	6.31E-08	6.33E-06	3.21E-06
15	486273.61, 3854986.51	4.60E-02	1.45E-05	6.15E-06	2.31E-02	7.30E-06	3.10E-06	1.17E-03	3.68E-07	2.12E-08	2.54E-03	8.01E-07	6.08E-08	6.19E-06	3.14E-06
16	486323.61, 3854986.51	4.52E-02	1.43E-05	6.06E-06	2.28E-02	7.19E-06	3.05E-06	1.16E-03	3.66E-07	2.11E-08	2.48E-03	7.84E-07	5.95E-08	6.10E-06	3.09E-06
17	485973.61, 3855036.51	5.50E-02	1.74E-05	7.36E-06	2.76E-02	8.71E-06	3.70E-06	1.32E-03	4.17E-07	2.40E-08	3.31E-03	1.05E-06	7.94E-08	7.42E-06	3.75E-06
18	486023.61, 3855036.51	5.37E-02	1.69E-05	7.19E-06	2.70E-02	8.51E-06	3.61E-06	1.30E-03	4.10E-07	2.36E-08	3.18E-03	1.00E-06	7.61E-08	7.24E-06	3.66E-06
19	486073.61, 3855036.51	5.24E-02	1.65E-05	7.02E-06	2.63E-02	8.31E-06	3.53E-06	1.27E-03	4.02E-07	2.31E-08	3.04E-03	9.60E-07	7.28E-08	7.07E-06	3.58E-06
20	486123.61, 3855036.51	5.13E-02	1.62E-05	6.87E-06	2.58E-02	8.13E-06	3.45E-06	1.25E-03	3.95E-07	2.27E-08	2.92E-03	9.23E-07	7.00E-08	6.91E-06	3.50E-06
21	486173.61, 3855036.51	5.02E-02	1.59E-05	6.73E-06	2.52E-02	7.97E-06	3.38E-06	1.24E-03	3.91E-07	2.25E-08	2.83E-03	8.94E-07	6.79E-08	6.77E-06	3.43E-06
22	486223.61, 3855036.51	4.89E-02	1.54E-05	6.55E-06	2.46E-02	7.76E-06	3.29E-06	1.21E-03	3.83E-07	2.20E-08	2.72E-03	8.58E-07	6.51E-08	6.59E-06	3.34E-06
23	486273.61, 3855036.51	4.80E-02	1.51E-05	6.43E-06	2.41E-02	7.62E-06	3.23E-06	1.20E-03	3.79E-07	2.18E-08	2.65E-03	8.35E-07	6.34E-08	6.47E-06	3.27E-06
24	486323.61, 3855036.51	4.70E-02	1.48E-05	6.29E-06	2.36E-02	7.46E-06	3.17E-06	1.18E-03	3.73E-07	2.15E-08	2.56E-03	8.07E-07	6.12E-08	6.33E-06	3.21E-06
25	485973.61, 3855086.51	5.73E-02	1.81E-05	7.68E-06	2.88E-02	9.09E-06	3.85E-06	1.36E-03	4.28E-07	2.46E-08	3.45E-03	1.09E-06	8.26E-08	7.74E-06	3.91E-06
26	486023.61, 3855086.51	5.60E-02	1.77E-05	7.51E-06	2.81E-02	8.88E-06	3.77E-06	1.33E-03	4.21E-07	2.42E-08	3.31E-03	1.05E-06	7.94E-08	7.56E-06	3.82E-06
27	486073.61, 3855086.51	5.47E-02	1.73E-05	7.32E-06	2.75E-02	8.67E-06	3.68E-06	1.31E-03	4.12E-07	2.37E-08	3.16E-03	9.98E-07	7.58E-08	7.37E-06	3.73E-06
28	486123.61, 3855086.51	5.34E-02	1.69E-05	7.16E-06	2.68E-02	8.47E-06	3.60E-06	1.29E-03	4.06E-07	2.34E-08	3.05E-03	9.63E-07	7.31E-08	7.21E-06	3.64E-06
29	486173.61, 3855086.51	5.22E-02	1.65E-05	6.99E-06	2.62E-02	8.28E-06	3.51E-06	1.26E-03	3.99E-07	2.29E-08	2.93E-03	9.23E-07	7.01E-08	7.04E-06	3.56E-06
30	486223.61, 3855086.51	5.11E-02	1.61E-05	6.85E-06	2.57E-02	8.11E-06	3.44E-06	1.25E-03	3.93E-07	2.26E-08	2.83E-03	8.92E-07	6.77E-08	6.89E-06	3.49E-06
31	485973.61, 3855136.51	5.96E-02	1.88E-05	7.99E-06	2.99E-02	9.45E-06	4.01E-06	1.40E-03	4.41E-07	2.53E-08	3.61E-03	1.14E-06	8.64E-08	8.05E-06	4.07E-06
32	486023.61, 3855136.51	5.83E-02	1.84E-05	7.80E-06	2.93E-02	9.23E-06	3.92E-06	1.37E-03	4.32E-07	2.49E-08	3.45E-03	1.09E-06	8.27E-08	7.86E-06	3.98E-06
33	486073.61, 3855136.51	5.70E-02	1.80E-05	7.63E-06	2.86E-02	9.03E-06	3.83E-06	1.34E-03	4.24E-07	2.44E-08	3.30E-03	1.04E-06	7.91E-08	7.69E-06	3.89E-06
34	486123.61, 3855136.51	5.57E-02	1.76E-05	7.46E-06	2.80E-02	8.82E-06	3.74E-06	1.32E-03	4.17E-07	2.40E-08	3.17E-03	1.00E-06	7.59E-08	7.51E-06	3.80E-06
35	486173.61, 3855136.51	5.44E-02	1.72E-05	7.28E-06	2.73E-02	8.62E-06	3.66E-06	1.30E-03	4.09E-07	2.35E-08	3.04E-03	9.60E-07	7.29E-08	7.33E-06	3.71E-06
36	486223.61, 3855136.51	5.32E-02	1.68E-05	7.12E-06	2.67E-02	8.43E-06	3.58E-06	1.28E-03	4.02E-07	2.31E-08	2.93E-03	9.24E-07	7.01E-08	7.17E-06	3.62E-06
37	485973.61, 3855186.51	6.19E-02	1.95E-05	8.29E-06	3.11E-02	9.81E-06	4.16E-06	1.44E-03	4.53E-07	2.61E-08	3.78E-03	1.19E-06	9.05E-08	8.36E-06	4.23E-06
38	486023.61, 3855186.51	6.05E-02	1.91E-05	8.10E-06	3.04E-02	9.58E-06	4.07E-06	1.41E-03	4.45E-07	2.56E-08	3.61E-03	1.14E-06	8.65E-08	8.16E-06	4.13E-06
39	486073.61, 3855186.51	5.92E-02	1.87E-05	7.92E-06	2.97E-02	9.37E-06	3.98E-06	1.38E-03	4.35E-07	2.50E-08	3.44E-03	1.09E-06	8.24E-08	7.98E-06	4.03E-06
40	486123.61, 3855186.51	5.79E-02	1.83E-05	7.75E-06	2.90E-02	9.17E-06	3.89E-06	1.35E-03	4.26E-07	2.45E-08	3.28E-03	1.04E-06	7.86E-08	7.81E-06	3.94E-06
41	486173.61, 3855186.51	5.66E-02	1.79E-05	7.57E-06	2.84E-02	8.96E-06	3.80E-06	1.33E-03	4.18E-07	2.41E-08	3.15E-03	9.95E-07	7.55E-08	7.63E-06	3.85E-06
42	486223.61, 3855186.51	5.53E-02	1.74E-05	7.40E-06	2.77E-02	8.75E-06	3.71E-06	1.30E-03	4.11E-07	2.37E-08	3.03E-03	9.56E-07	7.26E-08	7.45E-06	3.76E-06
43	486273.61, 3855186.51	5.40E-02	1.70E-05	7.23E-06	2.71E-02	8.56E-06	3.63E-06	1.28E-03	4.04E-07	2.32E-08	2.91E-03	9.20E-07	6.98E-08	7.28E-06	3.68E-06
44	486323.61, 3855186.51	5.30E-02	1.67E-05	7.09E-06	2.66E-02	8.40E-06	3.56E-06	1.27E-03	4.02E-07	2.31E-08	2.85E-03	8.99E-07	6.83E-08	7.14E-06	3.61E-06
45	485973.61, 3855236.51	6.43E-02	2.03E-05	8.61E-06	3.23E-02	1.02E-05	4.32E-06	1.48E-03	4.66E-07	2.68E-08	3.95E-03	1.25E-06	9.47E-08	8.68E-06	4.39E-06
46	486023.61, 3855236.51	6.28E-02	1.98E-05	8.41E-06	3.15E-02	9.95E-06	4.22E-06	1.44E-03	4.56E-07	2.62E-08	3.76E-03	1.19E-06	9.00E-08	8.48E-06	4.28E-06
47	486073.61, 3855236.51	6.14E-02	1.94E-05	8.23E-06	3.08E-02	9.73E-06	4.13E-06	1.41E-03	4.45E-07	2.56E-08	3.57E-03	1.13E-06	8.55E-08	8.29E-06	4.19E-06
48	486123.61, 3855236.51	6.00E-02	1.90E-05	8.04E-06	3.01E-02	9.51E-06	4.03E-06	1.38E-03	4.37E-07	2.51E-08	3.41E-03	1.08E-06	8.18E-08	8.10E-06	4.09E-06
49	486173.61, 3855236.51	5.87E-02	1.85E-05	7.86E-06	2.95E-02	9.30E-06	3.94E-06	1.36E-03	4.29E-07	2.47E-08	3.27E-03	1.03E-06	7.84E-08	7.92E-06	4.00E-06
50	486223.61, 3855236.51	5.74E-02	1.81E-05	7.69E-06	2.88E-02	9.09E-06	3.86E-06	1.33E-03	4.21E-07	2.42E-08	3.14E-03	9.90E-07	7.52E-08	7.74E-06	3.91E-06
51	486273.61, 3855236.51	5.60E-02	1.77E-05	7.50E-06	2.81E-02	8.87E-06	3.76E-06	1.30E-03	4.11E-07	2.36E-08	2.99E-03	9.44E-07	7.16E-08	7.55E-06	3.81E-06
52	486323.61, 3855236.51	5.50E-02	1.74E-05	7.36E-06	2.76E-02	8.71E-06	3.70E-06	1.30E-03	4.11E-07	2.37E-08	2.94E-03	9.29E-07	7.05E-08	7.41E-06	3.74E-06
53	485973.61, 3855286.51	6.67E-02	2.11E-05	8.94E-06	3.35E-02	1.06E-05	4.48E-06	1.52E-03	4.80E-07	2.76E-08	4.14E-03	1.31E-06	9.91E-08	9.01E-06	4.55E-06
54	486023.61, 3855286.51	6.52E-02	2.06E-05	8.73E-06	3.27E-02	1.03E-05	4.38E-06	1.48E-03	4.68E-07	2.69E-08	3.92E-03	1.24E-06	9.39E-08	8.80E-06	4.45E-06
55	486073.61, 3855286.51	6.37E-02	2.01E-05	8.53E-06	3.19E-02	1.01E-05	4.28E-06	1.45E-03	4.57E-07	2.63E-08	3.73E-03	1.18E-06	8.93E-08	8.59E-06	4.34E-06
56	486123.61, 3855286.51	6.23E-02	1.97E-05	8.34E-06	3.12E-02	9.86E-06	4.18E-06	1.42E-03	4.47E-07	2.57E-08	3.55E-03	1.12E-06	8.50E-08	8.40E-06	4.24E-06
57	486173.61, 3855286.51	6.09E-02	1.92E-05	8.15E-06	3.05E-02	9.64E-06	4.09E-06	1.39E-03	4.38E-07	2.52E-08	3.39E-03	1.07E-06	8.11E-08	8.21E-06	4.14E-06
58	486223.61, 3855286.51	5.95E-02	1.88E-05	7.97E-06	2.99E-02	9.42E-06	4.00E-06	1.36E-03	4.31E-07	2.48E-08	3.25E-03	1.03E-06	7.79E-08	8.02E-06	4.05E-06
59	486123.61, 3855336.51	6.46E-02	2.04E-05	8.65E-06	3.24E-02	1.02E-05	4.34E-06	1.45E-03	4.58E-07	2.63E-08	3.69E-03	1.16E-06	8.83E-08	8.71E-06	4.40E-06
60	486173.61, 3855336.51	6.31E-02	1.99E-05	8.45E-06	3.16E-02	9.98E-06	4.24E-06	1.42E-03	4.49E-07	2.58E-08	3.52E-03	1.11E-06	8.44E-08	8.51E-06	4.29E-06
61	486223.61, 3855336.51	6.17E-02	1.95E-05	8.26E-06	3.09E-02	9.76E-06	4.14E-06	1.40E-03	4.41E-07	2.54E-08	3.37E-03	1.06E-06	8.07E-08	8.31E-06	4.20E-06
62	486123.61, 3855386.51	6.70E-02	2.11E-05	8.97E-06	3.36E-02	1.06E-05	4.49E-06	1.49E-03	4.70E-07	2.70E-08	3.85E-03	1.21E-06	9.21E-08	9.03E-06	4.56E-06
63	486173.61, 3855386.51	6.54E-02	2.06E-05	8.75E-06	3.28E-02	1.03E-05	4.39E-06	1.46E-03	4.61E-07	2.65E-08	3.67E-03	1.16E-06	8.79E-08	8.81E-06	4.45E-06
64	486223.61, 3855386.51	6.38E-02	2.01E-05	8.55E-06	3.20E-02	1.01E-05	4.28E-06	1.43E-03	4.52E-07	2.60E-08	3.51E-03	1.11E-06	8.41E-08	8.61E-06	4.34E-06
65	486533.18, 3855443.15	5.78E-02	1.82E-05	7.74E-06	2.90E-02	9.16E-06	3.88E-06	1.34E-03	4.22E-07	2.43E-08	2.90E-03	9.16E-07	6.95E-08	7.79E-06	3.93E-06
66	486583.18, 3855443.15	5.67E-02	1.79E-05	7.59E-06	2.84E-02	8.97E-06	3.81E-06	1.32E-03	4.15E-07	2.39E-08	2.80E-03	8.85E-07	6.72E-08	7.63E-06	3.85E-06
67	486633.18, 3855443.15	5.55E-02	1.75E-05	7.43E-06	2.79E-02	8.79E-06	3.73E-06	1.30E-03	4.09E-07	2.35E-08	2.71E-03	8.56E-07	6.49E-08	7.47E-06	3.77E-06
68	486683.18, 3855443.15	5.44E-02	1.72E-05	7.28E-06	2.73E-02	8.62E-06	3.66E-06	1.28E-03	4.04E-07	2.32E-08	2.64E-03	8.32E-07	6.31E-08	7.32E-06	3.70E-06
69	486533.18, 3855493.15	5.97E-02	1.88E-05	7.99E-06	2.99E-02	9.45E-06	4.01E-06	1.37E-03	4.32E-07	2.48E-08	3.00E-03	9.45E-07	7.18E-08	8.04E-06	4.05E-06
70	486583.18, 3855493.15	5.84E-02	1.84E-05	7.83E-06	2.93E-02	9.25E-06	3.93E-06	1.35E-03	4.25E-07	2.44E-08	2.90E-03	9.14E-07	6.94E-08	7.87E-06	3.97E-06
71	486633.18, 3855493.15	5.73E-02	1.81E-05	7.67E-06	2.87E-02	9.07E-06	3.85E-06	1.33E-03	4.18E-07	2.41E-08	2.80E-03	8.83E-07	6.70E-08	7.71E-06	3.89E-06
72	486683.18, 3855493.15	5.61E-02	1.77E-05	7.52E-06	2.82E-02	8.89E-06	3.77E-06	1.30E-03	4.12E-07	2.37E-08	2.71E-03	8.55E-07	6.49E-08	7.56E-06	3.81E-06
73	486533.18, 3855543.15	6.15E-02	1.94E-05	8.24E-06	3.09E-02	9.74E-06	4.13E-06	1.40E-03	4.42E-07	2.54E-08	3.10E-03	9.79E-07	7.43E-08	8.29E-06	4.18E-06
74	486583.18, 3855543.15	6.03E-02	1.90E-05	8.07E-06	3.02E-02	9.54E-06	4.05E-06	1.37E-03	4.33E-07	2.49E-08	2.98E-03	9.41E-07	7.14E-08	8.12E-06	4.09E-06
75	486633.18, 3855543.15	5.91E-02	1.86E-05	7.91E-06	2.96E-02	9.35E-06	3.97E-06	1.35E-03	4.27E-07	2.45E-08	2.88E-03	9.09E-07	6.90E-08	7.95E-06	4.01E-06
76	486683.18, 3855543.15	5.79E-02	1.83E-05	7.75E-06	2.90E-02	9.16E-06	3.89E-06	1.33E-03	4.19E-07	2.41E-08	2.77E-03	8.75E-07	6.64E-08	7.79E-06	3.93E-06
77	486533.18, 3855593.15	6.35E-02	2.00E-05	8.50E-06	3.18E-02	1.00E-05	4.26E-06	1.43E-03	4.51E-07	2.60E-08	3.21E-03	1.01E-06	7.68E-08	8.55E-06	4.31E-06
78	486583.18, 3855593.15	6.22E-02	1.96E-05	8.32E-06	3.12E-02	9.84E-06	4.17E-06	1.41E-03	4.43E-07	2.55E-08	3.08E-03	9.73E-07	7.39E-08	8.37E-06	4.22E-06
79	486633.18, 3855593.15	6.09E-02	1.92E-05	8.15E-06	3.05E-02	9.63E-06	4.09E-06	1.38E-03	4.36E-07	2.51E-08	2.97E-03	9.38E-07	7.12E-08	8.20E-06	4.13E-06
80	486683.18, 3855593.15	5.96E-02	1.88E-05	7.98E-06	2.99E-02	9.44E-06	4.00E-06	1.36E-03	4.30E-07	2.47E-08	2.87E-03	9.07E-07	6.89E-08	8.03E-06	4.05E-06
81	486533.18, 3855643.15	6.55E-02	2.07E-05	8.77E-06	3.28E-02	1.04E-05	4.40E-06	1.46E-03	4.62E-07	2.66E-08	3.32E-03	1.05E-06	7.97E-08	8.83E-06	4.45E-06
82	486583.18, 3855643.15	6.41E-02	2.02E-05	8.58E-06	3.21E-02	1.01E-05	4.30E-06	1.44E-03	4.54E-07	2.61E-08	3.19E-03	1.01E-06	7.65E-08	8.63E-06	4.35E-06
83	486633.18, 3855643.15	6.27E-02	1.98E-05	8.40E-06	3.14E-02	9.93E-06	4.21E-06	1.41E-03	4.46E-07	2.56E-08	3.07E-03	9.70E-07	7.36E-08	8.45E-06	4.26E-06
84	486683.18, 3855643.15	6.14E-02	1.94E-05	8.23E-06	3.08E-02	9.72E-06	4.12E-06	1.39E-03	4.39E-07	2.52E-08	2.97E-03	9.36E-07	7.10E-08	8.27E-06	4.17E-06
85	486533.18, 3855693.15	6.76E-02	2.13E-05	9.05E-06	3.39E-02	1.07E-05	4.53E-06	1.50E-03	4.75E-07	2.73E-08	3.47E-03	1.09E-06	8.30E-08	9.10E-06	4.59E-06
86	486583.18, 3855693.15	6.61E-02	2.09E-05	8.86E-06	3.31E-02	1.05E-05	4.44E-06	1.47E-03	4.64E-07	2.67E-08	3.31E-03	1.04E-06	7.92E-08	8.91E-06	4.49E-06

87	486633.18, 3855693.15	6.48E-02	2.04E-05	8.67E-06	3.24E-02	1.02E-05	4.35E-06	1.44E-03	4.53E-07	2.61E-08	3.16E-03	9.97E-07	7.57E-08	8.72E-06	4.39E-06
88	486683.18, 3855693.15	6.33E-02	2.00E-05	8.48E-06	3.17E-02	1.00E-05	4.25E-06	1.42E-03	4.48E-07	2.58E-08	3.06E-03	9.67E-07	7.34E-08	8.52E-06	4.30E-06
89	486733.18, 3855693.15	6.19E-02	1.95E-05	8.29E-06	3.10E-02	9.79E-06	4.15E-06	1.41E-03	4.44E-07	2.56E-08	2.99E-03	9.44E-07	7.16E-08	8.33E-06	4.20E-06
90	486783.18, 3855693.15	6.05E-02	1.91E-05	8.10E-06	3.03E-02	9.58E-06	4.06E-06	1.40E-03	4.42E-07	2.54E-08	2.93E-03	9.24E-07	7.01E-08	8.14E-06	4.11E-06
91	486533.18, 3855743.15	6.98E-02	2.20E-05	9.34E-06	3.49E-02	1.10E-05	4.68E-06	1.54E-03	4.86E-07	2.80E-08	3.61E-03	1.14E-06	8.65E-08	9.40E-06	4.74E-06
92	486583.18, 3855743.15	6.83E-02	2.16E-05	9.15E-06	3.42E-02	1.08E-05	4.58E-06	1.50E-03	4.73E-07	2.72E-08	3.42E-03	1.08E-06	8.20E-08	9.20E-06	4.64E-06
93	486633.18, 3855743.15	6.68E-02	2.11E-05	8.94E-06	3.35E-02	1.06E-05	4.48E-06	1.47E-03	4.64E-07	2.67E-08	3.28E-03	1.03E-06	7.86E-08	8.99E-06	4.53E-06
94	486683.18, 3855743.15	6.52E-02	2.06E-05	8.73E-06	3.27E-02	1.03E-05	4.37E-06	1.46E-03	4.59E-07	2.64E-08	3.19E-03	1.01E-06	7.63E-08	8.78E-06	4.42E-06
95	486733.18, 3855743.15	6.37E-02	2.01E-05	8.53E-06	3.19E-02	1.01E-05	4.28E-06	1.44E-03	4.53E-07	2.61E-08	3.09E-03	9.74E-07	7.39E-08	8.58E-06	4.33E-06
96	486783.18, 3855743.15	6.22E-02	1.96E-05	8.33E-06	3.12E-02	9.85E-06	4.18E-06	1.43E-03	4.52E-07	2.60E-08	3.03E-03	9.56E-07	7.26E-08	8.38E-06	4.23E-06
97	486533.18, 3855793.15	7.21E-02	2.27E-05	9.65E-06	3.61E-02	1.14E-05	4.83E-06	1.58E-03	4.98E-07	2.87E-08	3.78E-03	1.19E-06	9.06E-08	9.71E-06	4.89E-06
98	486583.18, 3855793.15	7.06E-02	2.23E-05	9.46E-06	3.54E-02	1.12E-05	4.73E-06	1.53E-03	4.82E-07	2.77E-08	3.55E-03	1.12E-06	8.50E-08	9.51E-06	4.79E-06
99	486633.18, 3855793.15	6.88E-02	2.17E-05	9.21E-06	3.45E-02	1.09E-05	4.62E-06	1.51E-03	4.77E-07	2.74E-08	3.43E-03	1.08E-06	8.22E-08	9.27E-06	4.67E-06
100	486683.18, 3855793.15	6.71E-02	2.12E-05	8.98E-06	3.36E-02	1.06E-05	4.50E-06	1.50E-03	4.72E-07	2.72E-08	3.33E-03	1.05E-06	7.97E-08	9.04E-06	4.56E-06
101	486733.18, 3855793.15	6.55E-02	2.07E-05	8.77E-06	3.28E-02	1.04E-05	4.40E-06	1.48E-03	4.66E-07	2.68E-08	3.22E-03	1.02E-06	7.72E-08	8.82E-06	4.45E-06
102	486783.18, 3855793.15	6.40E-02	2.02E-05	8.57E-06	3.21E-02	1.01E-05	4.30E-06	1.46E-03	4.62E-07	2.66E-08	3.13E-03	9.89E-07	7.51E-08	8.62E-06	4.35E-06
103	486533.18, 3855843.15	7.46E-02	2.36E-05	9.99E-06	3.74E-02	1.18E-05	5.00E-06	1.61E-03	5.09E-07	2.93E-08	3.95E-03	1.25E-06	9.46E-08	1.01E-05	5.07E-06
104	486583.18, 3855843.15	7.29E-02	2.30E-05	9.77E-06	3.65E-02	1.15E-05	4.89E-06	1.57E-03	4.95E-07	2.85E-08	3.72E-03	1.17E-06	8.91E-08	9.83E-06	4.95E-06
105	486633.18, 3855843.15	7.10E-02	2.24E-05	9.50E-06	3.55E-02	1.12E-05	4.76E-06	1.55E-03	4.89E-07	2.81E-08	3.59E-03	1.13E-06	8.60E-08	9.56E-06	4.82E-06
106	486683.18, 3855843.15	6.91E-02	2.18E-05	9.26E-06	3.46E-02	1.09E-05	4.64E-06	1.53E-03	4.84E-07	2.78E-08	3.48E-03	1.10E-06	8.32E-08	9.31E-06	4.69E-06
107	486733.18, 3855843.15	6.74E-02	2.13E-05	9.03E-06	3.38E-02	1.07E-05	4.53E-06	1.52E-03	4.79E-07	2.75E-08	3.37E-03	1.06E-06	8.07E-08	9.08E-06	4.58E-06
108	486783.18, 3855843.15	6.58E-02	2.08E-05	8.81E-06	3.30E-02	1.04E-05	4.42E-06	1.50E-03	4.73E-07	2.72E-08	3.26E-03	1.03E-06	7.82E-08	8.87E-06	4.47E-06
109	486533.18, 3855893.15	7.76E-02	2.45E-05	1.04E-05	3.88E-02	1.22E-05	5.20E-06	1.64E-03	5.16E-07	2.97E-08	4.10E-03	1.29E-06	9.83E-08	1.05E-05	5.27E-06
110	486583.18, 3855893.15	7.53E-02	2.38E-05	1.01E-05	3.77E-02	1.19E-05	5.05E-06	1.61E-03	5.09E-07	2.93E-08	3.93E-03	1.24E-06	9.42E-08	1.02E-05	5.11E-06
111	486633.18, 3855893.15	7.33E-02	2.31E-05	9.81E-06	3.67E-02	1.16E-05	4.91E-06	1.59E-03	5.02E-07	2.89E-08	3.77E-03	1.19E-06	9.04E-08	9.87E-06	4.97E-06
112	486683.18, 3855893.15	7.13E-02	2.25E-05	9.54E-06	3.57E-02	1.13E-05	4.78E-06	1.57E-03	4.96E-07	2.85E-08	3.64E-03	1.15E-06	8.72E-08	9.60E-06	4.84E-06
113	486733.18, 3855893.15	6.94E-02	2.19E-05	9.30E-06	3.48E-02	1.10E-05	4.66E-06	1.55E-03	4.90E-07	2.82E-08	3.52E-03	1.11E-06	8.43E-08	9.35E-06	4.72E-06
114	486783.18, 3855893.15	6.77E-02	2.14E-05	9.06E-06	3.39E-02	1.07E-05	4.54E-06	1.54E-03	4.86E-07	2.80E-08	3.41E-03	1.08E-06	8.18E-08	9.12E-06	4.60E-06
115	486533.18, 3855943.15	8.05E-02	2.54E-05	1.08E-05	4.03E-02	1.27E-05	5.39E-06	1.68E-03	5.30E-07	3.05E-08	4.34E-03	1.37E-06	1.04E-07	1.09E-05	5.46E-06
116	486583.18, 3855943.15	7.79E-02	2.46E-05	1.04E-05	3.90E-02	1.23E-05	5.22E-06	1.66E-03	5.24E-07	3.01E-08	4.17E-03	1.32E-06	9.99E-08	1.05E-05	5.29E-06
117	486633.18, 3855943.15	7.57E-02	2.39E-05	1.01E-05	3.79E-02	1.20E-05	5.07E-06	1.63E-03	5.16E-07	2.97E-08	3.98E-03	1.26E-06	9.54E-08	1.02E-05	5.14E-06
118	486683.18, 3855943.15	7.35E-02	2.32E-05	9.84E-06	3.68E-02	1.16E-05	4.93E-06	1.62E-03	5.10E-07	2.93E-08	3.84E-03	1.21E-06	9.20E-08	9.90E-06	4.99E-06
119	486733.18, 3855943.15	7.15E-02	2.26E-05	9.58E-06	3.59E-02	1.13E-05	4.80E-06	1.59E-03	5.03E-07	2.89E-08	3.69E-03	1.17E-06	8.84E-08	9.64E-06	4.86E-06
120	486783.18, 3855943.15	6.96E-02	2.20E-05	9.32E-06	3.49E-02	1.10E-05	4.68E-06	1.58E-03	4.98E-07	2.87E-08	3.58E-03	1.13E-06	8.57E-08	9.38E-06	4.73E-06
121	486533.18, 3855993.15	8.35E-02	2.63E-05	1.12E-05	4.17E-02	1.32E-05	5.59E-06	1.73E-03	5.45E-07	3.14E-08	4.64E-03	1.46E-06	1.11E-07	1.13E-05	5.67E-06
122	486583.18, 3855993.15	8.07E-02	2.55E-05	1.08E-05	4.04E-02	1.28E-05	5.41E-06	1.70E-03	5.38E-07	3.09E-08	4.42E-03	1.40E-06	1.06E-07	1.09E-05	5.48E-06
123	486633.18, 3855993.15	7.82E-02	2.47E-05	1.05E-05	3.92E-02	1.24E-05	5.25E-06	1.68E-03	5.30E-07	3.05E-08	4.22E-03	1.33E-06	1.01E-07	1.05E-05	5.32E-06
124	486683.18, 3855993.15	7.59E-02	2.40E-05	1.02E-05	3.80E-02	1.20E-05	5.09E-06	1.66E-03	5.24E-07	3.01E-08	4.06E-03	1.28E-06	9.72E-08	1.02E-05	5.16E-06
125	486733.18, 3855993.15	7.38E-02	2.33E-05	9.88E-06	3.70E-02	1.17E-05	4.95E-06	1.64E-03	5.17E-07	2.97E-08	3.89E-03	1.23E-06	9.33E-08	9.94E-06	5.01E-06
126	486783.18, 3855993.15	7.17E-02	2.26E-05	9.61E-06	3.60E-02	1.14E-05	4.82E-06	1.62E-03	5.11E-07	2.94E-08	3.75E-03	1.18E-06	8.99E-08	9.67E-06	4.88E-06
127	486533.18, 3856043.15	8.68E-02	2.74E-05	1.16E-05	4.34E-02	1.37E-05	5.81E-06	1.78E-03	5.62E-07	3.23E-08	4.97E-03	1.57E-06	1.19E-07	1.17E-05	5.90E-06
128	486583.18, 3856043.15	8.37E-02	2.64E-05	1.12E-05	4.19E-02	1.32E-05	5.61E-06	1.76E-03	5.54E-07	3.19E-08	4.73E-03	1.49E-06	1.13E-07	1.13E-05	5.69E-06
129	486633.18, 3856043.15	8.10E-02	2.56E-05	1.09E-05	4.06E-02	1.28E-05	5.43E-06	1.73E-03	5.45E-07	3.13E-08	4.49E-03	1.42E-06	1.08E-07	1.09E-05	5.51E-06
130	486683.18, 3856043.15	7.84E-02	2.48E-05	1.05E-05	3.93E-02	1.24E-05	5.26E-06	1.71E-03	5.39E-07	3.10E-08	4.31E-03	1.36E-06	1.03E-07	1.06E-05	5.33E-06
131	486733.18, 3856043.15	7.62E-02	2.40E-05	1.02E-05	3.82E-02	1.20E-05	5.11E-06	1.68E-03	5.31E-07	3.05E-08	4.12E-03	1.30E-06	9.86E-08	1.03E-05	5.18E-06
132	486783.18, 3856043.15	7.39E-02	2.33E-05	9.90E-06	3.71E-02	1.17E-05	4.96E-06	1.67E-03	5.26E-07	3.02E-08	3.97E-03	1.25E-06	9.51E-08	9.96E-06	5.03E-06
133	486533.18, 3856093.15	9.05E-02	2.85E-05	1.21E-05	4.52E-02	1.43E-05	6.05E-06	1.84E-03	5.80E-07	3.34E-08	5.38E-03	1.70E-06	1.29E-07	1.22E-05	6.15E-06
134	486583.18, 3856093.15	8.71E-02	2.75E-05	1.17E-05	4.36E-02	1.37E-05	5.83E-06	1.81E-03	5.71E-07	3.28E-08	5.08E-03	1.60E-06	1.22E-07	1.18E-05	5.92E-06
135	486633.18, 3856093.15	8.41E-02	2.65E-05	1.13E-05	4.21E-02	1.33E-05	5.63E-06	1.78E-03	5.62E-07	3.23E-08	4.81E-03	1.52E-06	1.15E-07	1.13E-05	5.72E-06
136	486683.18, 3856093.15	8.12E-02	2.56E-05	1.09E-05	4.07E-02	1.28E-05	5.45E-06	1.76E-03	5.54E-07	3.19E-08	4.59E-03	1.45E-06	1.10E-07	1.10E-05	5.53E-06
137	486733.18, 3856093.15	7.87E-02	2.48E-05	1.05E-05	3.94E-02	1.24E-05	5.28E-06	1.73E-03	5.46E-07	3.14E-08	4.38E-03	1.38E-06	1.05E-07	1.06E-05	5.35E-06
138	486783.18, 3856093.15	7.63E-02	2.41E-05	1.02E-05	3.82E-02	1.21E-05	5.12E-06	1.71E-03	5.40E-07	3.11E-08	4.20E-03	1.33E-06	1.01E-07	1.03E-05	5.19E-06
139	486533.18, 3856143.15	9.46E-02	2.99E-05	1.27E-05	4.73E-02	1.49E-05	6.33E-06	1.89E-03	5.98E-07	3.44E-08	5.85E-03	1.85E-06	1.40E-07	1.28E-05	6.44E-06
140	486583.18, 3856143.15	9.09E-02	2.87E-05	1.22E-05	4.54E-02	1.43E-05	6.09E-06	1.86E-03	5.87E-07	3.38E-08	5.48E-03	1.73E-06	1.31E-07	1.23E-05	6.18E-06
141	486633.18, 3856143.15	8.74E-02	2.76E-05	1.17E-05	4.37E-02	1.38E-05	5.86E-06	1.83E-03	5.78E-07	3.33E-08	5.19E-03	1.64E-06	1.24E-07	1.18E-05	5.95E-06
142	486683.18, 3856143.15	8.43E-02	2.66E-05	1.13E-05	4.22E-02	1.33E-05	5.65E-06	1.80E-03	5.70E-07	3.28E-08	4.92E-03	1.55E-06	1.18E-07	1.14E-05	5.74E-06
143	486733.18, 3856143.15	8.15E-02	2.57E-05	1.09E-05	4.08E-02	1.29E-05	5.47E-06	1.78E-03	5.62E-07	3.23E-08	4.68E-03	1.48E-06	1.12E-07	1.10E-05	5.55E-06
144	486783.18, 3856143.15	7.88E-02	2.49E-05	1.06E-05	3.95E-02	1.25E-05	5.29E-06	1.76E-03	5.56E-07	3.20E-08	4.49E-03	1.42E-06	1.08E-07	1.06E-05	5.36E-06
145	486533.18, 3856193.15	9.93E-02	3.14E-05	1.33E-05	4.96E-02	1.57E-05	6.64E-06	1.96E-03	6.18E-07	3.55E-08	6.45E-03	2.04E-06	1.55E-07	1.34E-05	6.76E-06
146	486583.18, 3856193.15	9.51E-02	3.00E-05	1.27E-05	4.75E-02	1.50E-05	6.37E-06	1.92E-03	6.05E-07	3.48E-08	5.99E-03	1.89E-06	1.43E-07	1.28E-05	6.47E-06
147	486633.18, 3856193.15	9.12E-02	2.88E-05	1.22E-05	4.56E-02	1.44E-05	6.11E-06	1.89E-03	5.96E-07	3.43E-08	5.63E-03	1.78E-06	1.35E-07	1.23E-05	6.21E-06
148	486683.18, 3856193.15	8.76E-02	2.77E-05	1.17E-05	4.38E-02	1.38E-05	5.87E-06	1.86E-03	5.88E-07	3.38E-08	5.33E-03	1.68E-06	1.28E-07	1.18E-05	5.97E-06
149	486733.18, 3856193.15	8.45E-02	2.67E-05	1.13E-05	4.23E-02	1.34E-05	5.67E-06	1.83E-03	5.79E-07	3.33E-08	5.04E-03	1.59E-06	1.21E-07	1.14E-05	5.76E-06
150	486783.18, 3856193.15	8.16E-02	2.57E-05	1.09E-05	4.09E-02	1.29E-05	5.47E-06	1.82E-03	5.73E-07	3.30E-08	4.80E-03	1.52E-06	1.15E-07	1.10E-05	5.55E-06
151	486533.18, 3856243.15	1.05E-01	3.31E-05	1.40E-05	5.24E-02	1.65E-05	7.01E-06	2.02E-03	6.37E-07	3.67E-08	7.17E-03	2.26E-06	1.72E-07	1.42E-05	7.15E-06
152	486583.18, 3856243.15	9.98E-02	3.15E-05	1.34E-05	4.99E-02	1.57E-05	6.68E-06	1.98E-03	6.26E-07	3.60E-08	6.62E-03	2.09E-06	1.59E-07	1.35E-05	6.80E-06
153	486633.18, 3856243.15	9.54E-02	3.01E-05	1.28E-05	4.77E-02	1.51E-05	6.39E-06	1.95E-03	6.15E-07	3.54E-08	6.16E-03	1.94E-06	1.47E-07	1.29E-05	6.50E-06
154	486683.18, 3856243.15	9.14E-02	2.89E-05	1.22E-05	4.57E-02	1.44E-05	6.13E-06	1.92E-03	6.06E-07	3.49E-08	5.77E-03	1.82E-06	1.38E-07	1.23E-05	6.23E-06
155	486733.18, 3856243.15	8.78E-02	2.77E-05	1.18E-05	4.40E-02	1.39E-05	5.89E-06	1.90E-03	5.98E-07	3.44E-08	5.44E-03	1.72E-06	1.30E-07	1.19E-05	5.99E-06
156	486783.18, 3856243.15	8.47E-02	2.67E-05	1.13E-05	4.24E-02	1.34E-05	5.68E-06	1.87E-03	5.89E-07	3.39E-08	5.14E-03	1.62E-06	1.23E-07	1.14E-05	5.77E-06
157	486533.18, 3856293.15	1.11E-01	3.52E-05	1.49E-05	5.56E-02	1.75E-05	7.44E-06	2.09E-03	6.59E-07	3.79E-08	8.05E-03	2.54E-06	1.93E-07	1.51E-05	7.60E-06
158	486583.18, 3856293.15	1.05E-01	3.33E-05	1.41E-05	5.26E-02	1.66E-05	7.05E-06	2.05E-03	6.46E-07	3.72E-08	7.34E-03	2.32E-06	1.76E-07	1.43E-05	7.19E-06
159	486633.18, 3856293.15	1.00E-01	3.16E-05	1.34E-05	5.01E-02	1.58E-05	6.71E-06	2.01E-03	6.35E-07	3.65E-08	6.76E-03	2.13E-06	1.62E-07	1.35E-05	6.83E-06
160	486683.18, 3856293.15	9.57E-02	3.02E-05	1.28E-05	4.79E-02	1.51E-05	6.41E-06	1.98E-03	6.25E-07	3.59E-08	6.29E-03	1.98E-06	1.51E-07	1.29E-05	6.52E-06
161	486733.18, 3856293.15	9.16E-02	2.89E-05	1.23E-05	4.58E-02	1.45E-05	6.14E-06	1.96E-03	6.18E-07	3.55E-08	5.89E-03	1.86E-06	1.41E-07	1.24E-05	6.24E-06
162	486783.18, 3856293.15	8.80E-02	2.78E-05	1.18E-05	4.41E-02	1.39E-05	5.91E-06	1.93E-03	6.08E-07	3.50E-08	5.53E-03	1.75E-06	1.33E-07	1.19E-05	6.00E-06
163	486783.18, 3856343.15	9.17E-02	2.90E-05	1.23E-05	4.59E-02	1.45E-05	6.15E-06	1.99E-03	6.29E-07	3.62E-08	6.00E-03	1.89E-06	1.44E-07	1.24E-05	6.26E-06
164	486833.18, 3856343.15	8.81E-02	2.78E-05	1.18E-05	4.42E-02	1.39E-05	5.91E-06	1.96E-03	6.20E-07	3.57E-08	5.63E-03	1.78E-06	1.35E-07	1.19E-05	6.01E-06
165	486883.18, 3856343.15	8.49E-02	2.68E-05	1.14E-05	4.26E-02	1.34E-05	5.70E-06	1.94E-03	6.12E-07	3.52E-08	5.30E-03	1.67E-06	1.27E-07	1.15E-05	5.79E-06
166	486783.18, 3856393.15	9.61E-02	3.03E-05	1.29E-05	4.81E-02	1.52E-05	6.44E-06	2.05E-03	6.48E-07	3.73E-08	6.51E-03	2.05E-06	1.56E-07	1.30E-05	6.56E-06
167	486833.18, 3856393.15	9.20E-02	2.90E-05	1.23E-05	4.61E-02	1.45E-05	6.17E-06	2.02E-03	6.39E-07	3.67E-08	6.06E-03	1.91E-06	1.45E-07	1.24E-05	6.28E-06
168	486883.18, 3856393.15	8.84E-02	2.79E-05	1.18E-05	4.43E-02	1.40E-05	5.94E-06	1.99E-03	6.29E-07	3.62E-08	5.67E-03	1.79E-06	1.36E-07	1.19E-05	6.03E-06
169	487208.74, 3856886.11	1.31E-01	4.14E-05	1.76E-05	6.55E-02	2.07E-05	8.77E-06	2.47E-03	7.79E-07	4.48E-08	7.62E-03	2.41E-06	1.83E-07	1.77E-05	8.91E-06
170	487258.74, 3856886.11	1.35E-01	4.26E-05	1.81E-05	6.72E-02	2.12E-05	9.00E-06	2.42E-03	7.64E-07	4.40E-08	6.99E-03	2.21E-06	1.67E-07	1.82E-05	9.12E-06
171	487308.74, 3856886.11	1.35E-01	4.26E-05	1.81E-05	6.73E-02	2.12E-05	9.01E-06	2.38E-03	7.51E-07	4.32E-08	6.46E-03	2.04E-06	1.55E-07	1.82E-05	9.12E-06
172	487358.74, 3856886.11	1.34E-01	4.23E-05	1.80E-05	6.68E-02	2.11E-05	8.94E-06	2.34E-03	7.37E-07	4.24E-08	6.01E-03	1.90E-06	1.44E-07	1.81E-05	9.05E-06
173	487208.74, 3856936.11	1.44E-01	4.55E-05	1.93E-05	7.18E-02	2.27E-05	9.61E-06	2.56E-03	8.08E-07	4.65E-08	8.44E-03	2.66E-06	2.02E-07	1.95E-05	9.77E-06
174	487258.74, 3856936.11	1.44E-01	4.55E-05	1.93E-05	7.18E-02	2.27E-05	9.62E-06	2.51E-03	7.92E-07	4.56E-08	7.66E-03	2.42E-06	1.84E-07	1.95E-05	9.76E-06
175	487308.74, 3856936.11	1.43E-01	4.52E-05	1.92E-05	7.13E-02	2.25E-05	9.55E-06	2.47E-03	7.78E-07	4.48E-08	7.02E-03	2.22E-06	1.68E-07	1.93E-05	9.67E-06
176	487358.74, 3856936.11	1.42E-01	4.48E-05	1.90E-05	7.06E-02	2.23E-05	9.45E-06	2.42E-03	7.64E-07	4.39E-08	6.49E-03	2.05E-06	1.55E-07	1.91E-05	9.56E-06

177	487208.74, 3856986.11	1.51E-01	4.76E-05	2.02E-05	7.51E-02	2.37E-05	1.01E-05	2.66E-03	8.39E-07	4.82E-08	9.47E-03	2.99E-06	2.27E-07	2.04E-05	1.02E-05
178	487258.74, 3856986.11	1.49E-01	4.70E-05	1.99E-05	7.42E-02	2.34E-05	9.94E-06	2.61E-03	8.24E-07	4.74E-08	8.49E-03	2.68E-06	2.03E-07	2.01E-05	1.01E-05
179	487308.74, 3856986.11	1.48E-01	4.66E-05	1.98E-05	7.34E-02	2.32E-05	9.84E-06	2.55E-03	8.06E-07	4.64E-08	7.71E-03	2.43E-06	1.85E-07	1.99E-05	9.97E-06
180	487358.74, 3856986.11	1.45E-01	4.59E-05	1.95E-05	7.24E-02	2.29E-05	9.70E-06	2.51E-03	7.93E-07	4.56E-08	7.06E-03	2.23E-06	1.69E-07	1.96E-05	9.82E-06
181	487208.74, 3857036.11	1.57E-01	4.94E-05	2.10E-05	7.80E-02	2.46E-05	1.04E-05	2.76E-03	8.72E-07	5.01E-08	1.08E-02	3.42E-06	2.59E-07	2.12E-05	1.07E-05
182	487258.74, 3857036.11	1.52E-01	4.79E-05	2.03E-05	7.56E-02	2.39E-05	1.01E-05	2.71E-03	8.54E-07	4.91E-08	9.54E-03	3.01E-06	2.29E-07	2.05E-05	1.03E-05
183	487308.74, 3857036.11	1.50E-01	4.73E-05	2.01E-05	7.46E-02	2.35E-05	9.99E-06	2.66E-03	8.39E-07	4.82E-08	8.54E-03	2.70E-06	2.05E-07	2.02E-05	1.01E-05
184	487358.74, 3857036.11	1.48E-01	4.66E-05	1.98E-05	7.36E-02	2.32E-05	9.86E-06	2.61E-03	8.23E-07	4.73E-08	7.74E-03	2.44E-06	1.85E-07	1.99E-05	1.00E-05
185	487427.14, 3856878.23	1.28E-01	4.05E-05	1.72E-05	6.39E-02	2.02E-05	8.56E-06	2.28E-03	7.19E-07	4.13E-08	5.44E-03	1.72E-06	1.30E-07	1.73E-05	8.65E-06
186	487477.14, 3856878.23	1.25E-01	3.94E-05	1.67E-05	6.22E-02	1.96E-05	8.33E-06	2.24E-03	7.08E-07	4.07E-08	5.13E-03	1.62E-06	1.23E-07	1.68E-05	8.41E-06
187	487527.14, 3856878.23	1.19E-01	3.75E-05	1.59E-05	5.93E-02	1.87E-05	7.94E-06	2.21E-03	6.97E-07	4.01E-08	4.85E-03	1.53E-06	1.16E-07	1.60E-05	8.02E-06
188	487427.14, 3856928.23	1.38E-01	4.35E-05	1.85E-05	6.87E-02	2.17E-05	9.19E-06	2.35E-03	7.43E-07	4.27E-08	5.82E-03	1.84E-06	1.39E-07	1.86E-05	9.29E-06
189	487477.14, 3856928.23	1.35E-01	4.28E-05	1.81E-05	6.74E-02	2.13E-05	9.03E-06	2.31E-03	7.30E-07	4.20E-08	5.46E-03	1.72E-06	1.31E-07	1.82E-05	9.12E-06
190	487527.14, 3856928.23	1.31E-01	4.15E-05	1.76E-05	6.55E-02	2.07E-05	8.77E-06	2.28E-03	7.19E-07	4.13E-08	5.14E-03	1.62E-06	1.23E-07	1.77E-05	8.85E-06
191	487577.14, 3856928.23	1.28E-01	4.05E-05	1.72E-05	6.39E-02	2.02E-05	8.56E-06	2.24E-03	7.08E-07	4.07E-08	4.87E-03	1.54E-06	1.17E-07	1.73E-05	8.63E-06
192	487627.14, 3856928.23	1.23E-01	3.87E-05	1.64E-05	6.12E-02	1.93E-05	8.19E-06	2.21E-03	6.97E-07	4.01E-08	4.62E-03	1.46E-06	1.11E-07	1.65E-05	8.26E-06
193	487677.14, 3856928.23	1.19E-01	3.74E-05	1.59E-05	5.91E-02	1.87E-05	7.92E-06	2.18E-03	6.87E-07	3.95E-08	4.40E-03	1.39E-06	1.05E-07	1.59E-05	7.98E-06
194	487727.14, 3856928.23	1.16E-01	3.66E-05	1.55E-05	5.78E-02	1.82E-05	7.74E-06	2.15E-03	6.79E-07	3.90E-08	4.20E-03	1.33E-06	1.01E-07	1.56E-05	7.80E-06
195	487777.14, 3856928.23	1.14E-01	3.60E-05	1.53E-05	5.69E-02	1.80E-05	7.62E-06	2.12E-03	6.69E-07	3.85E-08	4.02E-03	1.27E-06	9.63E-08	1.53E-05	7.68E-06
196	487427.14, 3856978.23	1.42E-01	4.49E-05	1.91E-05	7.09E-02	2.24E-05	9.49E-06	2.43E-03	7.68E-07	4.42E-08	6.26E-03	1.98E-06	1.50E-07	1.92E-05	9.60E-06
197	487477.14, 3856978.23	1.40E-01	4.43E-05	1.88E-05	6.98E-02	2.20E-05	9.35E-06	2.39E-03	7.55E-07	4.35E-08	5.84E-03	1.84E-06	1.40E-07	1.89E-05	9.44E-06
198	487527.14, 3856978.23	1.38E-01	4.36E-05	1.85E-05	6.87E-02	2.17E-05	9.20E-06	2.36E-03	7.44E-07	4.28E-08	5.48E-03	1.73E-06	1.31E-07	1.86E-05	9.29E-06
199	487577.14, 3856978.23	1.36E-01	4.30E-05	1.82E-05	6.78E-02	2.14E-05	9.08E-06	2.32E-03	7.32E-07	4.21E-08	5.16E-03	1.63E-06	1.24E-07	1.83E-05	9.16E-06
200	487627.14, 3856978.23	1.34E-01	4.24E-05	1.80E-05	6.68E-02	2.11E-05	8.95E-06	2.28E-03	7.19E-07	4.13E-08	4.88E-03	1.54E-06	1.17E-07	1.81E-05	9.03E-06
201	487677.14, 3856978.23	1.32E-01	4.16E-05	1.76E-05	6.56E-02	2.07E-05	8.78E-06	2.25E-03	7.09E-07	4.08E-08	4.63E-03	1.46E-06	1.11E-07	1.77E-05	8.85E-06
202	487727.14, 3856978.23	1.30E-01	4.10E-05	1.74E-05	6.46E-02	2.04E-05	8.66E-06	2.20E-03	6.95E-07	4.00E-08	4.41E-03	1.39E-06	1.06E-07	1.75E-05	8.72E-06
203	487777.14, 3856978.23	1.26E-01	3.97E-05	1.68E-05	6.26E-02	1.98E-05	8.39E-06	2.19E-03	6.90E-07	3.97E-08	4.20E-03	1.33E-06	1.01E-07	1.69E-05	8.45E-06
204	487427.14, 3857028.23	1.45E-01	4.57E-05	1.94E-05	7.21E-02	2.28E-05	9.66E-06	2.53E-03	7.97E-07	4.58E-08	6.78E-03	2.14E-06	1.63E-07	1.95E-05	9.77E-06
205	487477.14, 3857028.23	1.43E-01	4.51E-05	1.91E-05	7.11E-02	2.24E-05	9.52E-06	2.48E-03	7.83E-07	4.50E-08	6.28E-03	1.98E-06	1.51E-07	1.92E-05	9.63E-06
206	487527.14, 3857028.23	1.41E-01	4.45E-05	1.89E-05	7.02E-02	2.22E-05	9.40E-06	2.44E-03	7.69E-07	4.42E-08	5.86E-03	1.85E-06	1.40E-07	1.90E-05	9.50E-06
207	487577.14, 3857028.23	1.39E-01	4.39E-05	1.86E-05	6.93E-02	2.19E-05	9.28E-06	2.40E-03	7.56E-07	4.35E-08	5.49E-03	1.73E-06	1.32E-07	1.87E-05	9.36E-06
208	487627.14, 3857028.23	1.38E-01	4.34E-05	1.84E-05	6.85E-02	2.16E-05	9.17E-06	2.35E-03	7.42E-07	4.27E-08	5.17E-03	1.63E-06	1.24E-07	1.85E-05	9.25E-06
209	487677.14, 3857028.23	1.35E-01	4.27E-05	1.81E-05	6.74E-02	2.13E-05	9.02E-06	2.32E-03	7.31E-07	4.21E-08	4.89E-03	1.54E-06	1.17E-07	1.82E-05	9.10E-06
210	487727.14, 3857028.23	1.33E-01	4.19E-05	1.78E-05	6.61E-02	2.09E-05	8.85E-06	2.29E-03	7.22E-07	4.15E-08	4.64E-03	1.46E-06	1.11E-07	1.78E-05	8.92E-06
211	487777.14, 3857028.23	1.30E-01	4.10E-05	1.74E-05	6.47E-02	2.04E-05	8.67E-06	2.25E-03	7.11E-07	4.09E-08	4.41E-03	1.39E-06	1.06E-07	1.75E-05	8.73E-06
212	487427.14, 3857078.23	1.47E-01	4.63E-05	1.96E-05	7.31E-02	2.31E-05	9.78E-06	2.62E-03	8.28E-07	4.76E-08	7.41E-03	2.34E-06	1.77E-07	1.98E-05	9.91E-06
213	487477.14, 3857078.23	1.45E-01	4.57E-05	1.94E-05	7.21E-02	2.28E-05	9.66E-06	2.57E-03	8.11E-07	4.67E-08	6.81E-03	2.15E-06	1.63E-07	1.95E-05	9.78E-06
214	487527.14, 3857078.23	1.43E-01	4.51E-05	1.91E-05	7.12E-02	2.25E-05	9.53E-06	2.53E-03	7.97E-07	4.58E-08	6.31E-03	1.99E-06	1.51E-07	1.92E-05	9.64E-06
215	487577.14, 3857078.23	1.41E-01	4.45E-05	1.89E-05	7.02E-02	2.22E-05	9.41E-06	2.48E-03	7.83E-07	4.50E-08	5.88E-03	1.86E-06	1.41E-07	1.90E-05	9.50E-06
216	487627.14, 3857078.23	1.39E-01	4.40E-05	1.87E-05	6.94E-02	2.19E-05	9.29E-06	2.43E-03	7.68E-07	4.42E-08	5.51E-03	1.74E-06	1.32E-07	1.87E-05	9.38E-06
217	487677.14, 3857078.23	1.37E-01	4.33E-05	1.84E-05	6.84E-02	2.16E-05	9.15E-06	2.40E-03	7.56E-07	4.35E-08	5.19E-03	1.64E-06	1.24E-07	1.85E-05	9.23E-06
218	487727.14, 3857078.23	1.35E-01	4.26E-05	1.81E-05	6.72E-02	2.12E-05	9.00E-06	2.36E-03	7.45E-07	4.29E-08	4.90E-03	1.55E-06	1.17E-07	1.82E-05	9.08E-06
219	487777.14, 3857078.23	1.33E-01	4.19E-05	1.78E-05	6.61E-02	2.09E-05	8.85E-06	2.32E-03	7.33E-07	4.22E-08	4.65E-03	1.47E-06	1.11E-07	1.78E-05	8.92E-06
220	487427.14, 3857128.23	1.48E-01	4.68E-05	1.99E-05	7.40E-02	2.34E-05	9.91E-06	2.73E-03	8.61E-07	4.95E-08	8.17E-03	2.58E-06	1.96E-07	2.00E-05	1.01E-05
221	487477.14, 3857128.23	1.46E-01	4.62E-05	1.96E-05	7.30E-02	2.30E-05	9.78E-06	2.67E-03	8.42E-07	4.85E-08	7.44E-03	2.35E-06	1.78E-07	1.97E-05	9.91E-06
222	487527.14, 3857128.23	1.45E-01	4.56E-05	1.94E-05	7.21E-02	2.28E-05	9.65E-06	2.62E-03	8.26E-07	4.75E-08	6.84E-03	2.16E-06	1.64E-07	1.95E-05	9.77E-06
223	487577.14, 3857128.23	1.43E-01	4.50E-05	1.91E-05	7.11E-02	2.24E-05	9.52E-06	2.57E-03	8.11E-07	4.66E-08	6.33E-03	2.00E-06	1.52E-07	1.92E-05	9.63E-06
224	487627.14, 3857128.23	1.41E-01	4.44E-05	1.88E-05	7.01E-02	2.21E-05	9.39E-06	2.52E-03	7.97E-07	4.58E-08	5.90E-03	1.86E-06	1.41E-07	1.89E-05	9.48E-06
225	487677.14, 3857128.23	1.39E-01	4.38E-05	1.86E-05	6.92E-02	2.18E-05	9.27E-06	2.48E-03	7.82E-07	4.50E-08	5.53E-03	1.74E-06	1.32E-07	1.87E-05	9.36E-06
226	487727.14, 3857128.23	1.37E-01	4.31E-05	1.83E-05	6.81E-02	2.15E-05	9.11E-06	2.44E-03	7.71E-07	4.43E-08	5.20E-03	1.64E-06	1.25E-07	1.84E-05	9.19E-06
227	487777.14, 3857128.23	1.35E-01	4.25E-05	1.80E-05	6.70E-02	2.12E-05	8.97E-06	2.40E-03	7.58E-07	4.36E-08	4.91E-03	1.55E-06	1.18E-07	1.81E-05	9.05E-06
228	488049.44, 3856539.39	5.37E-02	1.70E-05	7.20E-06	2.72E-02	8.59E-06	3.65E-06	1.66E-03	5.25E-07	3.02E-08	2.63E-03	8.30E-07	6.30E-08	7.23E-06	3.68E-06
229	488099.44, 3856539.39	5.29E-02	1.67E-05	7.08E-06	2.68E-02	8.46E-06	3.59E-06	1.64E-03	5.19E-07	2.99E-08	2.57E-03	8.12E-07	6.16E-08	7.12E-06	3.62E-06
230	488149.44, 3856539.39	5.21E-02	1.64E-05	6.97E-06	2.64E-02	8.33E-06	3.53E-06	1.63E-03	5.14E-07	2.96E-08	2.52E-03	7.94E-07	6.03E-08	7.00E-06	3.57E-06
231	488049.44, 3856589.39	5.54E-02	1.75E-05	7.42E-06	2.81E-02	8.86E-06	3.76E-06	1.70E-03	5.36E-07	3.09E-08	2.69E-03	8.51E-07	6.46E-08	7.45E-06	3.79E-06
232	488099.44, 3856589.39	5.45E-02	1.72E-05	7.30E-06	2.76E-02	8.72E-06	3.70E-06	1.68E-03	5.31E-07	3.05E-08	2.63E-03	8.30E-07	6.30E-08	7.33E-06	3.73E-06
233	488149.44, 3856589.39	5.37E-02	1.69E-05	7.18E-06	2.72E-02	8.58E-06	3.64E-06	1.66E-03	5.25E-07	3.02E-08	2.57E-03	8.12E-07	6.16E-08	7.22E-06	3.67E-06
234	488199.44, 3856589.39	5.28E-02	1.67E-05	7.07E-06	2.68E-02	8.45E-06	3.59E-06	1.64E-03	5.19E-07	2.99E-08	2.52E-03	7.94E-07	6.03E-08	7.11E-06	3.62E-06
235	488249.44, 3856589.39	5.19E-02	1.64E-05	6.95E-06	2.63E-02	8.31E-06	3.53E-06	1.64E-03	5.17E-07	2.97E-08	2.46E-03	7.77E-07	5.90E-08	6.98E-06	3.55E-06
236	488049.44, 3856639.39	5.76E-02	1.82E-05	7.72E-06	2.92E-02	9.21E-06	3.91E-06	1.74E-03	5.48E-07	3.15E-08	2.76E-03	8.72E-07	6.62E-08	7.75E-06	3.94E-06
237	488099.44, 3856639.39	5.67E-02	1.79E-05	7.59E-06	2.87E-02	9.05E-06	3.84E-06	1.72E-03	5.42E-07	3.12E-08	2.70E-03	8.51E-07	6.46E-08	7.62E-06	3.87E-06
238	488149.44, 3856639.39	5.57E-02	1.76E-05	7.46E-06	2.82E-02	8.90E-06	3.78E-06	1.70E-03	5.36E-07	3.08E-08	2.63E-03	8.31E-07	6.31E-08	7.49E-06	3.81E-06
239	488199.44, 3856639.39	5.47E-02	1.73E-05	7.32E-06	2.77E-02	8.74E-06	3.71E-06	1.68E-03	5.31E-07	3.06E-08	2.57E-03	8.12E-07	6.17E-08	7.35E-06	3.74E-06
240	488249.44, 3856639.39	5.37E-02	1.70E-05	7.19E-06	2.72E-02	8.59E-06	3.65E-06	1.67E-03	5.27E-07	3.03E-08	2.52E-03	7.94E-07	6.03E-08	7.22E-06	3.68E-06
241	488299.44, 3856639.39	5.28E-02	1.67E-05	7.07E-06	2.68E-02	8.45E-06	3.58E-06	1.65E-03	5.22E-07	3.00E-08	2.46E-03	7.77E-07	5.90E-08	7.10E-06	3.61E-06
242	488349.44, 3856639.39	5.19E-02	1.64E-05	6.95E-06	2.63E-02	8.31E-06	3.53E-06	1.64E-03	5.17E-07	2.97E-08	2.41E-03	7.61E-07	5.78E-08	6.98E-06	3.55E-06
243	488399.44, 3856639.39	5.10E-02	1.61E-05	6.83E-06	2.59E-02	8.16E-06	3.46E-06	1.63E-03	5.13E-07	2.95E-08	2.37E-03	7.46E-07	5.67E-08	6.85E-06	3.49E-06
244	488099.44, 3856689.39	5.95E-02	1.88E-05	7.97E-06	3.01E-02	9.51E-06	4.03E-06	1.76E-03	5.54E-07	3.19E-08	2.77E-03	8.73E-07	6.62E-08	8.01E-06	4.07E-06
245	488149.44, 3856689.39	5.83E-02	1.84E-05	7.81E-06	2.95E-02	9.31E-06	3.95E-06	1.74E-03	5.48E-07	3.15E-08	2.70E-03	8.52E-07	6.46E-08	7.84E-06	3.98E-06
246	488199.44, 3856689.39	5.70E-02	1.80E-05	7.64E-06	2.89E-02	9.11E-06	3.87E-06	1.72E-03	5.43E-07	3.12E-08	2.63E-03	8.31E-07	6.31E-08	7.67E-06	3.90E-06
247	488249.44, 3856689.39	5.59E-02	1.76E-05	7.48E-06	2.83E-02	8.93E-06	3.79E-06	1.70E-03	5.37E-07	3.09E-08	2.57E-03	8.12E-07	6.17E-08	7.52E-06	3.82E-06
248	488299.44, 3856689.39	5.47E-02	1.73E-05	7.33E-06	2.77E-02	8.75E-06	3.71E-06	1.69E-03	5.33E-07	3.07E-08	2.52E-03	7.95E-07	6.03E-08	7.36E-06	3.74E-06
249	488349.44, 3856689.39	5.37E-02	1.69E-05	7.19E-06	2.72E-02	8.59E-06	3.64E-06	1.67E-03	5.28E-07	3.04E-08	2.46E-03	7.78E-07	5.90E-08	7.22E-06	3.67E-06
250	488399.44, 3856689.39	5.28E-02	1.66E-05	7.06E-06	2.67E-02	8.44E-06	3.58E-06	1.65E-03	5.21E-07	3.00E-08	2.41E-03	7.61E-07	5.78E-08	7.09E-06	3.61E-06
251	488099.44, 3856739.39	6.34E-02	2.00E-05	8.49E-06	3.20E-02	1.01E-05	4.29E-06	1.80E-03	5.68E-07	3.26E-08	2.84E-03	8.96E-07	6.80E-08	8.52E-06	4.32E-06
252	488149.44, 3856739.39	6.15E-02	1.94E-05	8.24E-06	3.11E-02	9.81E-06	4.16E-06	1.77E-03	5.60E-07	3.22E-08	2.77E-03	8.73E-07	6.63E-08	8.27E-06	4.20E-06
253	488199.44, 3856739.39	5.98E-02	1.89E-05	8.01E-06	3.02E-02	9.54E-06	4.05E-06	1.76E-03	5.56E-07	3.20E-08	2.70E-03	8.52E-07	6.47E-08	8.04E-06	4.08E-06
254	488249.44, 3856739.39	5.83E-02	1.84E-05	7.81E-06	2.95E-02	9.31E-06	3.95E-06	1.74E-03	5.49E-07	3.16E-08	2.64E-03	8.32E-07	6.31E-08	7.84E-06	3.98E-06
255	488299.44, 3856739.39	5.70E-02	1.80E-05	7.64E-06	2.89E-02	9.11E-06	3.87E-06	1.72E-03	5.42E-07	3.12E-08	2.58E-03	8.13E-07	6.17E-08	7.67E-06	3.90E-06
256	488349.44, 3856739.39	5.57E-02	1.76E-05	7.46E-06	2.82E-02	8.90E-06	3.78E-06	1.71E-03	5.39E-07	3.10E-08	2.52E-03	7.95E-07	6.03E-08	7.49E-06	3.81E-06
257	488399.44, 3856739.39	5.44E-02	1.72E-05	7.29E-06	2.76E-02	8.71E-06	3.69E-06	1.70E-03	5.36E-07	3.08E-08	2.46E-03	7.78E-07	5.90E-08	7.32E-06	3.72E-06
258	487999.44, 3856789.39	7.58E-02	2.39E-05	1.02E-05	3.81E-02	1.20E-05	5.10E-06	1.87E-03	5.91E-07	3.40E-08	3.09E-03	9.76E-07	7.41E-08	1.02E-05	5.14E-06
259	488049.44, 3856789.39	7.10E-02	2.24E-05	9.51E-06	3.58E-02	1.13E-05	4.79E-06	1.85E-03	5.85E-07	3.36E-08	3.00E-03	9.47E-07	7.19E-08	9.55E-06	4.83E-06
260	488099.44, 3856789.39	6.76E-02	2.13E-05	9.05E-06	3.41E-02	1.08E-05	4.56E-06	1.84E-03	5.80E-07	3.34E-08	2.92E-03	9.21E-07	6.99E-08	9.08E-06	4.60E-06
261	488149.44, 3856789.39	6.50E-02	2.05E-05	8.70E-06	3.28E-02	1.04E-05	4.39E-06	1.82E-03	5.74E-07	3.30E-08	2.84E-03	8.97E-07	6.81E-08	8.74E-06	4.43E-06
262	488199.44, 3856789.39	6.28E-02	1.98E-05	8.41E-06	3.17E-02	1.00E-05	4.25E-06	1.80E-03	5.68E-07	3.27E-08	2.77E-03	8.74E-07	6.64E-08	8.44E-06	4.28E-06
263	488249.44, 3856789.39	6.09E-02	1.92E-05	8.16E-06	3.08E-02	9.73E-06	4.13E-06	1.78E-03	5.62E-07	3.23E-08	2.70E-03	8.53E-07	6.47E-08	8.19E-06	4.16E-06
264	488299.44, 3856789.39	5.94E-02	1.87E-05	7.95E-06	3.00E-02	9.48E-06	4.02E-06	1.76E-03	5.55E-07	3.19E-08	2.64E-03	8.33E-07	6.32E-08	7.98E-06	4.05E-06
265	488349.44, 3856789.39	5.78E-02	1.82E-05	7.73E-06	2.92E-02	9.23E-06	3.92E-06	1.75E-03	5.52E-07	3.17E-08	2.58E-03	8.13E-07	6.17E-08	7.76E-06	3.95E-06
266	488399.44, 3856789.39	5.63E-02	1.78E-05	7.54E-06	2.85E-02	9.01E-06	3.82E-06	1.73E-03	5.47E-07	3.15E-08	2.52E-03	7.95E-07	6.03E-08	7.57E-06	3.85E-06

267	487949.44, 3856839.39	8.86E-02	2.80E-05	1.19E-05	4.44E-02	1.40E-05	5.94E-06	1.94E-03	6.13E-07	3.52E-08	3.30E-03	1.04E-06	7.89E-08	1.19E-05	5.99E-06
268	487999.44, 3856839.39	8.10E-02	2.56E-05	1.09E-05	4.07E-02	1.28E-05	5.45E-06	1.92E-03	6.06E-07	3.48E-08	3.19E-03	1.01E-06	7.64E-08	1.09E-05	5.49E-06
269	488049.44, 3856839.39	7.56E-02	2.39E-05	1.01E-05	3.80E-02	1.20E-05	5.09E-06	1.90E-03	5.99E-07	3.44E-08	3.09E-03	9.77E-07	7.41E-08	1.02E-05	5.13E-06
270	488099.44, 3856839.39	7.15E-02	2.26E-05	9.58E-06	3.60E-02	1.14E-05	4.82E-06	1.88E-03	5.93E-07	3.41E-08	3.01E-03	9.49E-07	7.20E-08	9.62E-06	4.86E-06
271	488149.44, 3856839.39	6.84E-02	2.16E-05	9.16E-06	3.45E-02	1.09E-05	4.62E-06	1.86E-03	5.87E-07	3.38E-08	2.92E-03	9.23E-07	7.00E-08	9.19E-06	4.65E-06
272	488199.44, 3856839.39	6.58E-02	2.08E-05	8.81E-06	3.32E-02	1.05E-05	4.45E-06	1.84E-03	5.81E-07	3.34E-08	2.85E-03	8.98E-07	6.82E-08	8.84E-06	4.48E-06
273	487949.44, 3856889.39	9.42E-02	2.97E-05	1.26E-05	4.71E-02	1.49E-05	6.31E-06	1.99E-03	6.27E-07	3.61E-08	3.41E-03	1.08E-06	8.18E-08	1.27E-05	6.36E-06
274	487999.44, 3856889.39	8.57E-02	2.71E-05	1.15E-05	4.30E-02	1.36E-05	5.76E-06	1.97E-03	6.21E-07	3.57E-08	3.30E-03	1.04E-06	7.91E-08	1.15E-05	5.80E-06
275	488049.44, 3856889.39	7.99E-02	2.52E-05	1.07E-05	4.01E-02	1.27E-05	5.37E-06	1.94E-03	6.13E-07	3.52E-08	3.20E-03	1.01E-06	7.66E-08	1.07E-05	5.42E-06
276	488099.44, 3856889.39	7.53E-02	2.38E-05	1.01E-05	3.79E-02	1.20E-05	5.07E-06	1.92E-03	6.07E-07	3.49E-08	3.10E-03	9.78E-07	7.43E-08	1.01E-05	5.11E-06
277	488635.86, 3857895.05	7.99E-02	2.52E-05	1.07E-05	4.10E-02	1.30E-05	5.50E-06	3.33E-03	1.05E-06	6.04E-08	4.70E-03	1.48E-06	1.13E-07	1.08E-05	5.55E-06
278	489137.64, 3857804.15	6.13E-02	1.93E-05	8.20E-06	3.14E-02	9.92E-06	4.21E-06	2.50E-03	7.90E-07	4.54E-08	3.00E-03	9.47E-07	7.19E-08	8.23E-06	4.24E-06
279	488617.32, 3857859.41	7.87E-02	2.48E-05	1.05E-05	4.04E-02	1.27E-05	5.41E-06	3.24E-03	1.02E-06	5.89E-08	4.60E-03	1.45E-06	1.10E-07	1.06E-05	5.46E-06
280	488667.32, 3857859.41	7.63E-02	2.41E-05	1.02E-05	3.92E-02	1.24E-05	5.25E-06	3.16E-03	9.99E-07	5.74E-08	4.39E-03	1.38E-06	1.05E-07	1.03E-05	5.30E-06
281	488717.32, 3857859.41	7.43E-02	2.34E-05	9.95E-06	3.81E-02	1.20E-05	5.11E-06	3.09E-03	9.75E-07	5.61E-08	4.19E-03	1.32E-06	1.00E-07	9.99E-06	5.15E-06
282	488767.32, 3857859.41	7.24E-02	2.28E-05	9.69E-06	3.72E-02	1.17E-05	4.98E-06	3.03E-03	9.56E-07	5.50E-08	4.02E-03	1.27E-06	9.63E-08	9.74E-06	5.02E-06
283	488617.32, 3857909.41	8.19E-02	2.58E-05	1.10E-05	4.20E-02	1.33E-05	5.63E-06	3.41E-03	1.08E-06	6.18E-08	4.86E-03	1.54E-06	1.17E-07	1.10E-05	5.69E-06
284	488667.32, 3857909.41	7.93E-02	2.50E-05	1.06E-05	4.07E-02	1.29E-05	5.45E-06	3.33E-03	1.05E-06	6.05E-08	4.63E-03	1.46E-06	1.11E-07	1.07E-05	5.51E-06
285	488717.32, 3857909.41	7.72E-02	2.44E-05	1.03E-05	3.97E-02	1.25E-05	5.31E-06	3.24E-03	1.02E-06	5.89E-08	4.41E-03	1.39E-06	1.06E-07	1.04E-05	5.36E-06
286	488767.32, 3857909.41	7.53E-02	2.38E-05	1.01E-05	3.87E-02	1.22E-05	5.18E-06	3.17E-03	1.00E-06	5.76E-08	4.22E-03	1.33E-06	1.01E-07	1.01E-05	5.22E-06
287	488417.32, 3857959.41	1.03E-01	3.26E-05	1.38E-05	5.29E-02	1.67E-05	7.08E-06	4.02E-03	1.27E-06	7.29E-08	6.71E-03	2.12E-06	1.61E-07	1.39E-05	7.17E-06
288	488467.32, 3857959.41	9.76E-02	3.08E-05	1.31E-05	5.00E-02	1.58E-05	6.70E-06	3.90E-03	1.23E-06	7.08E-08	6.23E-03	1.97E-06	1.49E-07	1.32E-05	6.78E-06
289	488517.32, 3857959.41	9.29E-02	2.93E-05	1.24E-05	4.77E-02	1.51E-05	6.39E-06	3.80E-03	1.20E-06	6.89E-08	5.84E-03	1.84E-06	1.40E-07	1.25E-05	6.46E-06
290	488567.32, 3857959.41	8.90E-02	2.81E-05	1.19E-05	4.57E-02	1.44E-05	6.12E-06	3.70E-03	1.17E-06	6.71E-08	5.48E-03	1.73E-06	1.31E-07	1.20E-05	6.19E-06
291	488617.32, 3857959.41	8.58E-02	2.71E-05	1.15E-05	4.41E-02	1.39E-05	5.90E-06	3.60E-03	1.14E-06	6.53E-08	5.17E-03	1.63E-06	1.24E-07	1.15E-05	5.96E-06
292	488667.32, 3857959.41	8.30E-02	2.62E-05	1.11E-05	4.27E-02	1.35E-05	5.71E-06	3.50E-03	1.11E-06	6.36E-08	4.90E-03	1.55E-06	1.17E-07	1.12E-05	5.77E-06
293	488717.32, 3857959.41	8.07E-02	2.55E-05	1.08E-05	4.15E-02	1.31E-05	5.56E-06	3.42E-03	1.08E-06	6.20E-08	4.66E-03	1.47E-06	1.12E-07	1.09E-05	5.61E-06
294	488767.32, 3857959.41	7.89E-02	2.49E-05	1.06E-05	4.06E-02	1.28E-05	5.43E-06	3.33E-03	1.05E-06	6.05E-08	4.44E-03	1.40E-06	1.06E-07	1.06E-05	5.48E-06
295	488417.32, 3858009.41	1.12E-01	3.54E-05	1.50E-05	5.73E-02	1.81E-05	7.68E-06	4.29E-03	1.35E-06	7.78E-08	7.32E-03	2.31E-06	1.75E-07	1.51E-05	7.78E-06
296	488467.32, 3858009.41	1.05E-01	3.31E-05	1.40E-05	5.37E-02	1.69E-05	7.19E-06	4.16E-03	1.31E-06	7.55E-08	6.77E-03	2.14E-06	1.62E-07	1.41E-05	7.27E-06
297	488517.32, 3858009.41	9.90E-02	3.12E-05	1.33E-05	5.08E-02	1.60E-05	6.80E-06	4.04E-03	1.27E-06	7.33E-08	6.29E-03	1.99E-06	1.51E-07	1.33E-05	6.88E-06
298	488567.32, 3858009.41	9.43E-02	2.98E-05	1.26E-05	4.85E-02	1.53E-05	6.49E-06	3.93E-03	1.24E-06	7.13E-08	5.89E-03	1.86E-06	1.41E-07	1.27E-05	6.56E-06
299	488617.32, 3858009.41	9.06E-02	2.86E-05	1.21E-05	4.66E-02	1.47E-05	6.24E-06	3.81E-03	1.20E-06	6.92E-08	5.52E-03	1.74E-06	1.32E-07	1.22E-05	6.30E-06
300	488667.32, 3858009.41	8.77E-02	2.77E-05	1.17E-05	4.51E-02	1.42E-05	6.03E-06	3.70E-03	1.17E-06	6.72E-08	5.20E-03	1.64E-06	1.25E-07	1.18E-05	6.09E-06
301	488717.32, 3858009.41	8.54E-02	2.69E-05	1.14E-05	4.39E-02	1.38E-05	5.88E-06	3.60E-03	1.14E-06	6.54E-08	4.93E-03	1.56E-06	1.18E-07	1.15E-05	5.93E-06
302	488767.32, 3858009.41	8.38E-02	2.65E-05	1.12E-05	4.31E-02	1.36E-05	5.77E-06	3.51E-03	1.11E-06	6.38E-08	4.69E-03	1.48E-06	1.12E-07	1.13E-05	5.81E-06
303	488417.32, 3858059.41	1.24E-01	3.93E-05	1.67E-05	6.35E-02	2.01E-05	8.51E-06	4.61E-03	1.45E-06	8.36E-08	8.08E-03	2.55E-06	1.94E-07	1.68E-05	8.62E-06
304	488467.32, 3858059.41	1.14E-01	3.61E-05	1.53E-05	5.85E-02	1.85E-05	7.83E-06	4.46E-03	1.41E-06	8.09E-08	7.41E-03	2.34E-06	1.77E-07	1.54E-05	7.93E-06
305	488517.32, 3858059.41	1.07E-01	3.37E-05	1.43E-05	5.48E-02	1.73E-05	7.34E-06	4.32E-03	1.36E-06	7.83E-08	6.83E-03	2.16E-06	1.64E-07	1.44E-05	7.42E-06
306	488567.32, 3858059.41	1.01E-01	3.19E-05	1.36E-05	5.20E-02	1.64E-05	6.96E-06	4.19E-03	1.32E-06	7.60E-08	6.36E-03	2.01E-06	1.52E-07	1.36E-05	7.03E-06
307	488617.32, 3858059.41	9.69E-02	3.06E-05	1.30E-05	4.98E-02	1.57E-05	6.67E-06	4.06E-03	1.28E-06	7.37E-08	5.94E-03	1.88E-06	1.42E-07	1.30E-05	6.73E-06
308	488667.32, 3858059.41	9.37E-02	2.96E-05	1.26E-05	4.82E-02	1.52E-05	6.45E-06	3.94E-03	1.24E-06	7.15E-08	5.57E-03	1.76E-06	1.33E-07	1.26E-05	6.51E-06
309	488417.32, 3858109.41	1.44E-01	4.55E-05	1.93E-05	7.33E-02	2.31E-05	9.82E-06	4.95E-03	1.56E-06	8.99E-08	8.95E-03	2.82E-06	2.14E-07	1.94E-05	9.95E-06
310	488467.32, 3858109.41	1.28E-01	4.05E-05	1.72E-05	6.55E-02	2.07E-05	8.77E-06	4.79E-03	1.51E-06	8.69E-08	8.15E-03	2.57E-06	1.95E-07	1.73E-05	8.88E-06
311	488517.32, 3858109.41	1.18E-01	3.72E-05	1.58E-05	6.03E-02	1.90E-05	8.08E-06	4.63E-03	1.46E-06	8.41E-08	7.48E-03	2.36E-06	1.79E-07	1.59E-05	8.17E-06
312	488567.32, 3858109.41	1.10E-01	3.49E-05	1.48E-05	5.67E-02	1.79E-05	7.59E-06	4.48E-03	1.41E-06	8.13E-08	6.91E-03	2.18E-06	1.65E-07	1.49E-05	7.67E-06
313	488617.32, 3858109.41	1.05E-01	3.33E-05	1.41E-05	5.41E-02	1.71E-05	7.24E-06	4.34E-03	1.37E-06	7.88E-08	6.41E-03	2.02E-06	1.54E-07	1.42E-05	7.32E-06
314	488667.32, 3858109.41	1.02E-01	3.23E-05	1.37E-05	5.26E-02	1.66E-05	7.04E-06	4.19E-03	1.32E-06	7.61E-08	5.98E-03	1.89E-06	1.43E-07	1.38E-05	7.10E-06
315	488769.93, 3858449.27	1.24E-01	3.91E-05	1.66E-05	6.45E-02	2.04E-05	8.64E-06	6.67E-03	2.11E-06	1.21E-07	9.46E-03	2.99E-06	2.27E-07	1.67E-05	8.75E-06
316	488819.93, 3858449.27	1.14E-01	3.60E-05	1.53E-05	5.95E-02	1.88E-05	7.97E-06	6.31E-03	1.99E-06	1.15E-07	8.52E-03	2.69E-06	2.04E-07	1.54E-05	8.06E-06
317	488819.93, 3858499.27	1.33E-01	4.21E-05	1.78E-05	6.94E-02	2.19E-05	9.29E-06	7.01E-03	2.21E-06	1.27E-07	9.57E-03	3.02E-06	2.29E-07	1.79E-05	9.39E-06
318	488869.93, 3858499.27	1.19E-01	3.76E-05	1.59E-05	6.22E-02	1.96E-05	8.33E-06	6.61E-03	2.09E-06	1.20E-07	8.62E-03	2.72E-06	2.06E-07	1.60E-05	8.42E-06
319	488869.93, 3858549.27	1.41E-01	4.46E-05	1.89E-05	7.35E-02	2.32E-05	9.85E-06	7.39E-03	2.33E-06	1.34E-07	9.70E-03	3.06E-06	2.32E-07	1.90E-05	9.95E-06
320	489438.17, 3859571.48	7.08E-02	2.24E-05	9.49E-06	3.68E-02	1.16E-05	4.93E-06	3.65E-03	1.15E-06	6.63E-08	3.65E-03	1.15E-06	8.75E-08	9.51E-06	4.95E-06
321	489488.17, 3859571.48	6.79E-02	2.14E-05	9.09E-06	3.56E-02	1.12E-05	4.77E-06	3.99E-03	1.26E-06	7.25E-08	4.01E-03	1.26E-06	9.60E-08	9.11E-06	4.79E-06
322	489538.17, 3859571.48	6.58E-02	2.08E-05	8.81E-06	3.49E-02	1.10E-05	4.67E-06	4.41E-03	1.39E-06	8.01E-08	4.44E-03	1.40E-06	1.06E-07	8.83E-06	4.69E-06
323	489588.17, 3859571.48	6.43E-02	2.03E-05	8.62E-06	3.45E-02	1.09E-05	4.62E-06	4.93E-03	1.56E-06	8.95E-08	4.97E-03	1.57E-06	1.19E-07	8.65E-06	4.65E-06
324	489438.17, 3859621.48	6.98E-02	2.20E-05	9.35E-06	3.60E-02	1.14E-05	4.82E-06	3.15E-03	9.95E-07	5.72E-08	3.16E-03	9.97E-07	7.57E-08	9.37E-06	4.84E-06
325	489488.17, 3859621.48	6.62E-02	2.09E-05	8.87E-06	3.44E-02	1.09E-05	4.61E-06	3.40E-03	1.07E-06	6.17E-08	3.41E-03	1.08E-06	8.17E-08	8.89E-06	4.63E-06
326	489538.17, 3859621.48	6.36E-02	2.01E-05	8.52E-06	3.33E-02	1.05E-05	4.46E-06	3.69E-03	1.16E-06	6.70E-08	3.71E-03	1.17E-06	8.90E-08	8.54E-06	4.49E-06
327	489588.17, 3859621.48	6.17E-02	1.95E-05	8.26E-06	3.27E-02	1.03E-05	4.37E-06	4.05E-03	1.28E-06	7.35E-08	4.09E-03	1.29E-06	9.79E-08	8.29E-06	4.40E-06
328	489238.17, 3859671.48	1.07E-01	3.39E-05	1.44E-05	5.37E-02	1.69E-05	7.19E-06	2.23E-03	7.05E-07	4.05E-08	2.23E-03	7.03E-07	5.33E-08	1.44E-05	7.20E-06
329	489288.17, 3859671.48	8.95E-02	2.82E-05	1.20E-05	4.51E-02	1.42E-05	6.04E-06	2.35E-03	7.40E-07	4.26E-08	2.34E-03	7.39E-07	5.61E-08	1.20E-05	6.05E-06
330	489338.17, 3859671.48	7.89E-02	2.49E-05	1.06E-05	4.00E-02	1.26E-05	5.36E-06	2.47E-03	7.81E-07	4.49E-08	2.47E-03	7.81E-07	5.93E-08	1.06E-05	5.37E-06
331	489388.17, 3859671.48	7.21E-02	2.28E-05	9.66E-06	3.68E-02	1.16E-05	4.93E-06	2.62E-03	8.28E-07	4.76E-08	2.63E-03	8.29E-07	6.29E-08	9.67E-06	4.94E-06
332	489438.17, 3859671.48	6.73E-02	2.13E-05	9.02E-06	3.46E-02	1.09E-05	4.63E-06	2.78E-03	8.78E-07	5.05E-08	2.79E-03	8.81E-07	6.69E-08	9.03E-06	4.65E-06
333	489488.17, 3859671.48	6.39E-02	2.02E-05	8.55E-06	3.30E-02	1.04E-05	4.42E-06	2.97E-03	9.39E-07	5.40E-08	2.99E-03	9.44E-07	7.16E-08	8.57E-06	4.44E-06
334	489538.17, 3859671.48	6.13E-02	1.93E-05	8.20E-06	3.19E-02	1.01E-05	4.27E-06	3.19E-03	1.01E-06	5.80E-08	3.21E-03	1.01E-06	7.70E-08	8.22E-06	4.29E-06
335	489588.17, 3859671.48	5.93E-02	1.87E-05	7.94E-06	3.11E-02	9.81E-06	4.16E-06	3.45E-03	1.09E-06	6.26E-08	3.48E-03	1.10E-06	8.33E-08	7.96E-06	4.18E-06
336	489238.17, 3859721.48	9.54E-02	3.01E-05	1.28E-05	4.78E-02	1.51E-05	6.40E-06	2.06E-03	6.49E-07	3.73E-08	2.05E-03	6.48E-07	4.92E-08	1.28E-05	6.41E-06
337	489288.17, 3859721.48	8.08E-02	2.55E-05	1.08E-05	4.07E-02	1.29E-05	5.45E-06	2.15E-03	6.79E-07	3.91E-08	2.15E-03	6.80E-07	5.16E-08	1.08E-05	5.47E-06
338	489338.17, 3859721.48	7.27E-02	2.29E-05	9.73E-06	3.68E-02	1.16E-05	4.93E-06	2.26E-03	7.12E-07	4.09E-08	2.26E-03	7.14E-07	5.42E-08	9.74E-06	4.94E-06
339	489388.17, 3859721.48	6.74E-02	2.13E-05	9.03E-06	3.44E-02	1.08E-05	4.60E-06	2.37E-03	7.49E-07	4.31E-08	2.38E-03	7.51E-07	5.70E-08	9.05E-06	4.62E-06
340	489438.17, 3859721.48	6.37E-02	2.01E-05	8.53E-06	3.26E-02	1.03E-05	4.37E-06	2.50E-03	7.89E-07	4.54E-08	2.51E-03	7.93E-07	6.02E-08	8.55E-06	4.38E-06
341	489488.17, 3859721.48	6.10E-02	1.92E-05	8.17E-06	3.14E-02	9.91E-06	4.20E-06	2.65E-03	8.36E-07	4.81E-08	2.67E-03	8.42E-07	6.39E-08	8.18E-06	4.22E-06
342	489538.17, 3859721.48	5.88E-02	1.86E-05	7.87E-06	3.04E-02	9.60E-06	4.08E-06	2.82E-03	8.89E-07	5.11E-08	2.84E-03	8.96E-07	6.80E-08	7.89E-06	4.09E-06
343	489588.17, 3859721.48	5.70E-02	1.80E-05	7.64E-06	2.97E-02	9.38E-06	3.98E-06	3.01E-03	9.49E-07	5.46E-08	3.04E-03	9.58E-07	7.27E-08	7.66E-06	4.00E-06
344	489238.17, 3859771.48	7.38E-02	2.33E-05	9.88E-06	3.72E-02	1.17E-05	4.98E-06	1.91E-03	6.02E-07	3.46E-08	1.91E-03	6.02E-07	4.57E-08	9.89E-06	4.99E-06
345	489288.17, 3859771.48	6.91E-02	2.18E-05	9.26E-06	3.49E-02	1.10E-05	4.68E-06	1.99E-03	6.27E-07	3.61E-08	1.99E-03	6.29E-07	4.77E-08	9.27E-06	4.69E-06
346	489338.17, 3859771.48	6.55E-02	2.07E-05	8.77E-06	3.32E-02	1.05E-05	4.45E-06	2.07E-03	6.54E-07	3.76E-08	2.08E-03	6.57E-07	4.99E-08	8.78E-06	4.46E-06
347	489388.17, 3859771.48	6.27E-02	1.98E-05	8.39E-06	3.19E-02	1.01E-05	4.27E-06	2.17E-03	6.84E-07	3.93E-08	2.18E-03	6.88E-07	5.22E-08	8.41E-06	4.29E-06
348	489438.17, 3859771.48	6.03E-02	1.90E-05	8.08E-06	3.08E-02	9.73E-06	4.13E-06	2.27E-03	7.16E-07	4.12E-08	2.29E-03	7.21E-07	5.47E-08	8.09E-06	4.14E-06
349	489488.17, 3859771.48	5.84E-02	1.84E-05	7.82E-06	3.00E-02	9.46E-06	4.01E-06	2.39E-03	7.55E-07	4.34E-08	2.41E-03	7.61E-07	5.78E-08	7.84E-06	4.03E-06
350	489538.17, 3859771.48	5.67E-02	1.79E-05	7.60E-06	2.92E-02	9.23E-06	3.92E-06	2.52E-03	7.96E-07	4.58E-08	2.55E-03	8.04E-07	6.10E-08	7.61E-06	3.93E-06
351	489588.17, 3859771.48	5.53E-02	1.74E-05	7.40E-06	2.86E-02	9.03E-06	3.83E-06	2.67E-03	8.42E-07	4.84E-08	2.70E-03	8.51E-07	6.46E-08	7.42E-06	3.85E-06
352	489238.17, 3859821.48	6.61E-02	2.09E-05	8.85E-06	3.33E-02	1.05E-05	4.46E-06	1.78E-03	5.62E-07	3.23E-08	1.78E-03	5.62E-07	4.27E-08	8.86E-06	4.47E-06
353	489288.17, 3859821.48	6.36E-02	2.01E-05	8.52E-06	3.22E-02	1.01E-05	4.31E-06	1.85E-03	5.83E-07	3.36E-08	1.85E-03	5.85E-07	4.44E-08	8.53E-06	4.32E-06
354	489338.17, 3859821.48	6.17E-02	1.95E-05	8.27E-06	3.13E-02	9.88E-06	4.19E-06	1.92E-03	6.06E-07	3.48E-08	1.93E-03	6.09E-07	4.62E-08	8.28E-06	4.20E-06
355	489388.17, 3859821.48	6.01E-02	1.90E-05	8.04E-06	3.05E-02	9.63E-06	4.09E-06	2.00E-03	6.31E-07	3.63E-08	2.01E-03	6.35E-07	4.82E-08	8.05E-06	4.10E-06
356	489438.17, 3859821.48	5.85E-02	1.85E-05	7.83E-06	2.98E-02	9.41E-06	3.99E-06	2.09E-03	6.59E-07	3.79E-08	2.11E-03	6.65E-07	5.04E-08	7.85E-06	4.01E-06

357	489488.17, 3859821.48	5.70E-02	1.80E-05	7.63E-06	2.92E-02	9.20E-06	3.90E-06	2.18E-03	6.89E-07	3.96E-08	2.21E-03	6.96E-07	5.28E-08	7.65E-06	3.92E-06
358	489538.17, 3859821.48	5.56E-02	1.75E-05	7.44E-06	2.85E-02	9.00E-06	3.82E-06	2.29E-03	7.22E-07	4.15E-08	2.31E-03	7.29E-07	5.54E-08	7.46E-06	3.83E-06
359	489588.17, 3859821.48	5.42E-02	1.71E-05	7.26E-06	2.79E-02	8.82E-06	3.74E-06	2.40E-03	7.57E-07	4.36E-08	2.43E-03	7.67E-07	5.82E-08	7.28E-06	3.76E-06
360	489238.17, 3859871.48	6.71E-02	2.12E-05	8.99E-06	3.38E-02	1.07E-05	4.52E-06	1.67E-03	5.27E-07	3.03E-08	1.67E-03	5.28E-07	4.01E-08	9.00E-06	4.53E-06
361	489288.17, 3859871.48	6.44E-02	2.03E-05	8.62E-06	3.25E-02	1.02E-05	4.35E-06	1.73E-03	5.45E-07	3.14E-08	1.74E-03	5.48E-07	4.16E-08	8.63E-06	4.36E-06
362	489338.17, 3859871.48	6.24E-02	1.97E-05	8.35E-06	3.15E-02	9.94E-06	4.22E-06	1.79E-03	5.65E-07	3.25E-08	1.80E-03	5.68E-07	4.31E-08	8.36E-06	4.23E-06
363	489388.17, 3859871.48	6.05E-02	1.91E-05	8.10E-06	3.07E-02	9.68E-06	4.11E-06	1.86E-03	5.86E-07	3.37E-08	1.87E-03	5.91E-07	4.49E-08	8.12E-06	4.12E-06
364	489438.17, 3859871.48	5.88E-02	1.86E-05	7.88E-06	2.99E-02	9.43E-06	4.00E-06	1.93E-03	6.10E-07	3.51E-08	1.95E-03	6.16E-07	4.68E-08	7.89E-06	4.01E-06
365	489488.17, 3859871.48	5.72E-02	1.81E-05	7.66E-06	2.91E-02	9.20E-06	3.90E-06	2.01E-03	6.34E-07	3.65E-08	2.03E-03	6.41E-07	4.86E-08	7.67E-06	3.91E-06
366	489538.17, 3859871.48	5.56E-02	1.75E-05	7.44E-06	2.84E-02	8.96E-06	3.80E-06	2.09E-03	6.60E-07	3.80E-08	2.12E-03	6.68E-07	5.07E-08	7.45E-06	3.82E-06
367	489588.17, 3859871.48	5.41E-02	1.71E-05	7.24E-06	2.77E-02	8.76E-06	3.71E-06	2.18E-03	6.89E-07	3.96E-08	2.21E-03	6.98E-07	5.29E-08	7.26E-06	3.73E-06
368	489238.17, 3859921.48	7.58E-02	2.39E-05	1.02E-05	3.79E-02	1.20E-05	5.08E-06	1.58E-03	4.98E-07	2.86E-08	1.58E-03	4.99E-07	3.79E-08	1.02E-05	5.09E-06
369	489288.17, 3859921.48	7.09E-02	2.24E-05	9.50E-06	3.56E-02	1.12E-05	4.76E-06	1.63E-03	5.14E-07	2.95E-08	1.64E-03	5.16E-07	3.92E-08	9.51E-06	4.77E-06
370	489338.17, 3859921.48	6.70E-02	2.12E-05	8.98E-06	3.37E-02	1.06E-05	4.51E-06	1.68E-03	5.31E-07	3.05E-08	1.69E-03	5.34E-07	4.05E-08	8.99E-06	4.52E-06
371	489388.17, 3859921.48	6.38E-02	2.01E-05	8.54E-06	3.22E-02	1.02E-05	4.31E-06	1.74E-03	5.49E-07	3.16E-08	1.75E-03	5.54E-07	4.20E-08	8.55E-06	4.32E-06
372	489438.17, 3859921.48	6.11E-02	1.93E-05	8.18E-06	3.09E-02	9.75E-06	4.14E-06	1.80E-03	5.67E-07	3.26E-08	1.82E-03	5.73E-07	4.35E-08	8.19E-06	4.15E-06
373	489488.17, 3859921.48	5.87E-02	1.85E-05	7.86E-06	2.98E-02	9.39E-06	3.98E-06	1.86E-03	5.86E-07	3.37E-08	1.88E-03	5.93E-07	4.50E-08	7.87E-06	4.00E-06
374	489538.17, 3859921.48	5.65E-02	1.78E-05	7.57E-06	2.88E-02	9.08E-06	3.85E-06	1.93E-03	6.08E-07	3.49E-08	1.95E-03	6.16E-07	4.68E-08	7.58E-06	3.86E-06
375	489588.17, 3859921.48	5.47E-02	1.73E-05	7.32E-06	2.79E-02	8.80E-06	3.74E-06	1.99E-03	6.28E-07	3.61E-08	2.02E-03	6.37E-07	4.84E-08	7.33E-06	3.75E-06
376	489238.17, 3859971.48	9.63E-02	3.04E-05	1.29E-05	4.78E-02	1.51E-05	6.40E-06	1.50E-03	4.72E-07	2.72E-08	1.50E-03	4.73E-07	3.59E-08	1.29E-05	6.41E-06
377	489288.17, 3859971.48	8.23E-02	2.60E-05	1.10E-05	4.10E-02	1.29E-05	5.49E-06	1.54E-03	4.86E-07	2.79E-08	1.55E-03	4.88E-07	3.71E-08	1.10E-05	5.50E-06
378	489338.17, 3859971.48	7.40E-02	2.33E-05	9.90E-06	3.70E-02	1.17E-05	4.96E-06	1.59E-03	5.00E-07	2.88E-08	1.60E-03	5.04E-07	3.83E-08	9.91E-06	4.97E-06
379	489388.17, 3859971.48	6.83E-02	2.16E-05	9.15E-06	3.43E-02	1.08E-05	4.60E-06	1.63E-03	5.15E-07	2.96E-08	1.65E-03	5.20E-07	3.95E-08	9.16E-06	4.61E-06
380	489438.17, 3859971.48	6.42E-02	2.03E-05	8.59E-06	3.23E-02	1.02E-05	4.33E-06	1.67E-03	5.27E-07	3.03E-08	1.69E-03	5.34E-07	4.05E-08	8.60E-06	4.34E-06
381	489488.17, 3859971.48	6.09E-02	1.92E-05	8.16E-06	3.08E-02	9.71E-06	4.12E-06	1.69E-03	5.34E-07	3.07E-08	1.73E-03	5.45E-07	4.13E-08	8.17E-06	4.13E-06
382	489538.17, 3859971.48	5.82E-02	1.84E-05	7.79E-06	2.94E-02	9.29E-06	3.94E-06	1.72E-03	5.42E-07	3.12E-08	1.75E-03	5.54E-07	4.20E-08	7.80E-06	3.95E-06
383	489588.17, 3859971.48	5.58E-02	1.76E-05	7.47E-06	2.83E-02	8.93E-06	3.79E-06	1.75E-03	5.51E-07	3.17E-08	1.79E-03	5.64E-07	4.28E-08	7.48E-06	3.80E-06
384	483577.7, 3854071	9.08E-02	2.87E-05	1.22E-05	4.65E-02	1.47E-05	6.23E-06	3.63E-03	1.15E-06	6.59E-08	8.90E-03	2.81E-06	2.13E-07	1.23E-05	6.38E-06
385	483627.7, 3854071	7.91E-02	2.50E-05	1.06E-05	4.07E-02	1.29E-05	5.45E-06	3.42E-03	1.08E-06	6.20E-08	8.11E-03	2.56E-06	1.94E-07	1.07E-05	5.59E-06
386	483677.7, 3854071	7.12E-02	2.25E-05	9.54E-06	3.68E-02	1.16E-05	4.92E-06	3.23E-03	1.02E-06	5.85E-08	7.44E-03	2.35E-06	1.78E-07	9.66E-06	5.04E-06
387	483727.7, 3854071	6.54E-02	2.06E-05	8.76E-06	3.38E-02	1.07E-05	4.53E-06	3.05E-03	9.63E-07	5.54E-08	6.88E-03	2.17E-06	1.65E-07	8.87E-06	4.64E-06
388	483777.7, 3854071	6.09E-02	1.92E-05	8.16E-06	3.15E-02	9.94E-06	4.22E-06	2.87E-03	9.06E-07	5.21E-08	6.35E-03	2.00E-06	1.52E-07	8.26E-06	4.32E-06
389	483577.7, 3854121	9.43E-02	2.98E-05	1.26E-05	4.83E-02	1.52E-05	6.47E-06	3.66E-03	1.16E-06	6.65E-08	1.07E-02	3.39E-06	2.57E-07	1.28E-05	6.66E-06
390	483627.7, 3854121	8.26E-02	2.61E-05	1.11E-05	4.24E-02	1.34E-05	5.68E-06	3.42E-03	1.08E-06	6.21E-08	9.57E-03	3.02E-06	2.29E-07	1.12E-05	5.85E-06
391	483677.7, 3854121	7.47E-02	2.36E-05	1.00E-05	3.84E-02	1.21E-05	5.15E-06	3.19E-03	1.01E-06	5.80E-08	8.58E-03	2.71E-06	2.06E-07	1.02E-05	5.29E-06
392	483727.7, 3854121	6.90E-02	2.18E-05	9.24E-06	3.55E-02	1.12E-05	4.76E-06	2.99E-03	9.43E-07	5.43E-08	7.76E-03	2.45E-06	1.86E-07	9.37E-06	4.89E-06
393	483777.7, 3854121	6.44E-02	2.03E-05	8.62E-06	3.32E-02	1.05E-05	4.44E-06	2.83E-03	8.93E-07	5.14E-08	7.12E-03	2.25E-06	1.71E-07	8.74E-06	4.56E-06
394	483577.7, 3854171	9.92E-02	3.13E-05	1.33E-05	5.06E-02	1.60E-05	6.78E-06	3.64E-03	1.15E-06	6.61E-08	1.32E-02	4.18E-06	3.17E-07	1.35E-05	7.03E-06
395	483627.7, 3854171	8.73E-02	2.76E-05	1.17E-05	4.47E-02	1.41E-05	5.98E-06	3.37E-03	1.06E-06	6.11E-08	1.14E-02	3.61E-06	2.74E-07	1.19E-05	6.20E-06
396	483677.7, 3854171	7.92E-02	2.50E-05	1.06E-05	4.06E-02	1.28E-05	5.44E-06	3.15E-03	9.93E-07	5.71E-08	1.01E-02	3.18E-06	2.42E-07	1.08E-05	5.62E-06
397	483727.7, 3854171	7.32E-02	2.31E-05	9.81E-06	3.76E-02	1.19E-05	5.03E-06	2.96E-03	9.35E-07	5.38E-08	9.03E-03	2.85E-06	2.16E-07	9.97E-06	5.19E-06
398	483777.7, 3854171	6.85E-02	2.16E-05	9.18E-06	3.52E-02	1.11E-05	4.71E-06	2.80E-03	8.83E-07	5.08E-08	8.15E-03	2.57E-06	1.95E-07	9.32E-06	4.85E-06
399	483827.7, 3854171	6.48E-02	2.05E-05	8.68E-06	3.32E-02	1.05E-05	4.45E-06	2.62E-03	8.26E-07	4.75E-08	7.34E-03	2.32E-06	1.76E-07	8.81E-06	4.58E-06
400	483877.7, 3854171	6.15E-02	1.94E-05	8.23E-06	3.15E-02	9.95E-06	4.22E-06	2.49E-03	7.87E-07	4.53E-08	6.76E-03	2.13E-06	1.62E-07	8.35E-06	4.34E-06
401	483727.7, 3854221	7.95E-02	2.51E-05	1.06E-05	4.06E-02	1.28E-05	5.44E-06	2.95E-03	9.32E-07	5.36E-08	1.08E-02	3.42E-06	2.59E-07	1.09E-05	5.64E-06
402	483777.7, 3854221	7.42E-02	2.34E-05	9.94E-06	3.79E-02	1.20E-05	5.08E-06	2.78E-03	8.77E-07	5.04E-08	9.58E-03	3.02E-06	2.29E-07	1.01E-05	5.26E-06
403	483827.7, 3854221	6.96E-02	2.20E-05	9.33E-06	3.56E-02	1.12E-05	4.77E-06	2.66E-03	8.41E-07	4.84E-08	8.72E-03	2.75E-06	2.09E-07	9.49E-06	4.93E-06
404	483877.7, 3854221	6.61E-02	2.09E-05	8.85E-06	3.38E-02	1.07E-05	4.53E-06	2.51E-03	7.94E-07	4.56E-08	7.85E-03	2.48E-06	1.88E-07	8.99E-06	4.67E-06
405	489150.19, 3858726.45	9.40E-02	2.97E-05	1.26E-05	5.08E-02	1.60E-05	6.80E-06	7.79E-03	2.46E-06	1.41E-07	8.74E-03	2.76E-06	2.09E-07	1.26E-05	6.87E-06
406	489200.19, 3858726.45	9.13E-02	2.88E-05	1.22E-05	4.91E-02	1.55E-05	6.58E-06	7.29E-03	2.30E-06	1.32E-07	8.03E-03	2.53E-06	1.92E-07	1.23E-05	6.64E-06
407	489150.19, 3858776.45	9.82E-02	3.10E-05	1.31E-05	5.35E-02	1.69E-05	7.17E-06	8.93E-03	2.82E-06	1.62E-07	1.01E-02	3.20E-06	2.43E-07	1.32E-05	7.25E-06
408	489200.19, 3858776.45	9.49E-02	3.00E-05	1.27E-05	5.15E-02	1.63E-05	6.90E-06	8.26E-03	2.61E-06	1.50E-07	9.16E-03	2.89E-06	2.20E-07	1.28E-05	6.97E-06
409	488919.6, 3856400.76	4.01E-02	1.27E-05	5.37E-06	2.04E-02	6.44E-06	2.73E-06	1.36E-03	4.28E-07	2.46E-08	1.84E-03	5.81E-07	4.41E-08	5.39E-06	2.75E-06
410	488919.6, 3856450.76	4.08E-02	1.29E-05	5.46E-06	2.07E-02	6.54E-06	2.78E-06	1.38E-03	4.35E-07	2.50E-08	1.87E-03	5.89E-07	4.47E-08	5.48E-06	2.80E-06
411	488969.6, 3856450.76	4.03E-02	1.27E-05	5.40E-06	2.05E-02	6.48E-06	2.75E-06	1.37E-03	4.32E-07	2.48E-08	1.84E-03	5.81E-07	4.41E-08	5.42E-06	2.77E-06
412	488919.6, 3856500.76	4.15E-02	1.31E-05	5.56E-06	2.11E-02	6.66E-06	2.83E-06	1.40E-03	4.43E-07	2.55E-08	1.90E-03	5.98E-07	4.54E-08	5.58E-06	2.85E-06
413	488969.6, 3856500.76	4.10E-02	1.29E-05	5.49E-06	2.09E-02	6.58E-06	2.79E-06	1.39E-03	4.40E-07	2.53E-08	1.87E-03	5.89E-07	4.47E-08	5.51E-06	2.81E-06
414	488919.6, 3856550.76	4.22E-02	1.33E-05	5.65E-06	2.15E-02	6.78E-06	2.88E-06	1.43E-03	4.51E-07	2.60E-08	1.92E-03	6.07E-07	4.61E-08	5.67E-06	2.90E-06
415	488969.6, 3856550.76	4.17E-02	1.32E-05	5.59E-06	2.12E-02	6.70E-06	2.84E-06	1.42E-03	4.47E-07	2.57E-08	1.90E-03	5.98E-07	4.54E-08	5.61E-06	2.86E-06
416	488819.6, 3856600.76	4.42E-02	1.39E-05	5.91E-06	2.25E-02	7.09E-06	3.01E-06	1.48E-03	4.68E-07	2.69E-08	2.01E-03	6.35E-07	4.82E-08	5.93E-06	3.03E-06
417	488869.6, 3856600.76	4.36E-02	1.38E-05	5.84E-06	2.22E-02	7.00E-06	2.97E-06	1.47E-03	4.63E-07	2.66E-08	1.98E-03	6.25E-07	4.75E-08	5.86E-06	2.99E-06
418	488919.6, 3856600.76	4.30E-02	1.36E-05	5.76E-06	2.19E-02	6.91E-06	2.93E-06	1.46E-03	4.60E-07	2.64E-08	1.95E-03	6.16E-07	4.67E-08	5.78E-06	2.95E-06
419	488819.6, 3856650.76	4.51E-02	1.42E-05	6.04E-06	2.29E-02	7.24E-06	3.07E-06	1.51E-03	4.77E-07	2.74E-08	2.04E-03	6.45E-07	4.90E-08	6.06E-06	3.09E-06
420	488869.6, 3856650.76	4.45E-02	1.40E-05	5.96E-06	2.26E-02	7.14E-06	3.03E-06	1.50E-03	4.72E-07	2.72E-08	2.01E-03	6.35E-07	4.82E-08	5.98E-06	3.05E-06
421	488819.6, 3856700.76	4.61E-02	1.45E-05	6.17E-06	2.34E-02	7.39E-06	3.14E-06	1.54E-03	4.86E-07	2.80E-08	2.08E-03	6.56E-07	4.98E-08	6.19E-06	3.16E-06
422	488869.6, 3856700.76	4.54E-02	1.43E-05	6.08E-06	2.31E-02	7.29E-06	3.09E-06	1.52E-03	4.81E-07	2.77E-08	2.04E-03	6.45E-07	4.90E-08	6.10E-06	3.11E-06
423	488819.6, 3856750.76	4.71E-02	1.49E-05	6.31E-06	2.39E-02	7.55E-06	3.21E-06	1.57E-03	4.95E-07	2.85E-08	2.11E-03	6.67E-07	5.06E-08	6.33E-06	3.23E-06
424	488869.6, 3856750.76	4.64E-02	1.46E-05	6.21E-06	2.36E-02	7.44E-06	3.16E-06	1.56E-03	4.91E-07	2.82E-08	2.08E-03	6.56E-07	4.98E-08	6.23E-06	3.18E-06
425	488819.6, 3857050.76	5.35E-02	1.69E-05	7.16E-06	2.72E-02	8.58E-06	3.64E-06	1.78E-03	5.62E-07	3.23E-08	2.36E-03	7.46E-07	5.66E-08	7.19E-06	3.67E-06
426	488869.6, 3857050.76	5.23E-02	1.65E-05	7.01E-06	2.66E-02	8.40E-06	3.56E-06	1.76E-03	5.57E-07	3.20E-08	2.32E-03	7.32E-07	5.55E-08	7.03E-06	3.59E-06
427	488919.6, 3857050.76	5.13E-02	1.62E-05	6.87E-06	2.61E-02	8.23E-06	3.49E-06	1.75E-03	5.51E-07	3.17E-08	2.27E-03	7.18E-07	5.45E-08	6.89E-06	3.52E-06
428	488819.6, 3857100.76	5.46E-02	1.72E-05	7.31E-06	2.77E-02	8.75E-06	3.71E-06	1.82E-03	5.76E-07	3.31E-08	2.42E-03	7.62E-07	5.79E-08	7.33E-06	3.74E-06
429	488869.6, 3857100.76	5.34E-02	1.68E-05	7.14E-06	2.71E-02	8.56E-06	3.63E-06	1.80E-03	5.70E-07	3.28E-08	2.37E-03	7.47E-07	5.67E-08	7.17E-06	3.66E-06
430	488919.6, 3857100.76	5.22E-02	1.65E-05	6.99E-06	2.66E-02	8.38E-06	3.56E-06	1.79E-03	5.64E-07	3.24E-08	2.32E-03	7.32E-07	5.56E-08	7.01E-06	3.58E-06
431	488819.6, 3857150.76	5.56E-02	1.75E-05	7.44E-06	2.83E-02	8.92E-06	3.78E-06	1.87E-03	5.90E-07	3.39E-08	2.47E-03	7.80E-07	5.92E-08	7.47E-06	3.81E-06
432	488869.6, 3857150.76	5.43E-02	1.71E-05	7.27E-06	2.76E-02	8.72E-06	3.70E-06	1.85E-03	5.83E-07	3.36E-08	2.42E-03	7.63E-07	5.79E-08	7.29E-06	3.72E-06
433	488919.6, 3857150.76	5.31E-02	1.68E-05	7.11E-06	2.70E-02	8.53E-06	3.62E-06	1.83E-03	5.77E-07	3.32E-08	2.37E-03	7.48E-07	5.68E-08	7.13E-06	3.64E-06
434	488969.6, 3857150.76	5.20E-02	1.64E-05	6.96E-06	2.65E-02	8.35E-06	3.54E-06	1.81E-03	5.72E-07	3.29E-08	2.32E-03	7.33E-07	5.56E-08	6.98E-06	3.57E-06
435	488819.6, 3857200.76	5.65E-02	1.78E-05	7.57E-06	2.88E-02	9.08E-06	3.85E-06	1.92E-03	6.05E-07	3.48E-08	2.53E-03	7.99E-07	6.06E-08	7.60E-06	3.88E-06
436	488869.6, 3857200.76	5.52E-02	1.74E-05	7.39E-06	2.81E-02	8.86E-06	3.76E-06	1.90E-03	5.98E-07	3.44E-08	2.47E-03	7.81E-07	5.93E-08	7.41E-06	3.78E-06
437	488919.6, 3857200.76	5.39E-02	1.70E-05	7.22E-06	2.74E-02	8.66E-06	3.68E-06	1.88E-03	5.92E-07	3.40E-08	2.42E-03	7.65E-07	5.80E-08	7.24E-06	3.70E-06
438	488969.6, 3857200.76	5.27E-02	1.66E-05	7.06E-06	2.69E-02	8.48E-06	3.60E-06	1.85E-03	5.85E-07	3.37E-08	2.37E-03	7.49E-07	5.69E-08	7.09E-06	3.62E-06
439	488819.6, 3857250.76	5.74E-02	1.81E-05	7.69E-06	2.92E-02	9.22E-06	3.91E-06	1.97E-03	6.20E-07	3.57E-08	2.59E-03	8.18E-07	6.21E-08	7.72E-06	3.94E-06
440	488869.6, 3857250.76	5.60E-02	1.77E-05	7.50E-06	2.85E-02	9.00E-06	3.82E-06	1.94E-03	6.14E-07	3.53E-08	2.53E-03	8.00E-07	6.07E-08	7.53E-06	3.84E-06
441	488919.6, 3857250.76	5.47E-02	1.73E-05	7.33E-06	2.79E-02	8.80E-06	3.73E-06	1.92E-03	6.07E-07	3.49E-08	2.48E-03	7.83E-07	5.94E-08	7.35E-06	3.76E-06
442	488969.6, 3857250.76	5.35E-02	1.69E-05	7.16E-06	2.73E-02	8.60E-06	3.65E-06	1.90E-03	6.00E-07	3.45E-08	2.43E-03	7.66E-07	5.81E-08	7.19E-06	3.67E-06
443	488819.6, 3857300.76	5.83E-02	1.84E-05	7.80E-06	2.97E-02	9.36E-06	3.97E-06	2.02E-03	6.37E-07	3.67E-08	2.66E-03	8.39E-07	6.37E-08	7.83E-06	4.00E-06
444	488869.6, 3857300.76	5.68E-02	1.79E-05	7.60E-06	2.89E-02	9.13E-06	3.87E-06	2.00E-03	6.30E-07	3.62E-08	2.60E-03	8.20E-07	6.22E-08	7.63E-06	3.90E-06
445	488919.6, 3857300.76	5.54E-02	1.75E-05	7.42E-06	2.83E-02	8.92E-06	3.78E-06	1.97E-03	6.23E-07	3.58E-08	2.54E-03	8.01E-07	6.08E-08	7.45E-06	3.81E-06
446	488819.6, 3857450.76	6.04E-02	1.91E-05	8.09E-06	3.08E-02	9.73E-06	4.13E-06	2.20E-03	6.94E-07	3.99E-08	2.88E-03	9.10E-07	6.91E-08	8.12E-06	4.16E-06

447	488869.6, 3857450.76	5.89E-02	1.86E-05	7.89E-06	3.01E-02	9.49E-06	4.03E-06	2.17E-03	6.85E-07	3.94E-08	2.81E-03	8.87E-07	6.73E-08	7.92E-06	4.05E-06
448	488919.6, 3857450.76	5.75E-02	1.81E-05	7.70E-06	2.94E-02	9.27E-06	3.93E-06	2.14E-03	6.77E-07	3.89E-08	2.74E-03	8.65E-07	6.57E-08	7.72E-06	3.96E-06
449	488819.6, 3857500.76	6.11E-02	1.93E-05	8.19E-06	3.12E-02	9.85E-06	4.18E-06	2.27E-03	7.15E-07	4.11E-08	2.97E-03	9.38E-07	7.12E-08	8.22E-06	4.21E-06
450	488869.6, 3857500.76	5.96E-02	1.88E-05	7.98E-06	3.04E-02	9.61E-06	4.08E-06	2.24E-03	7.06E-07	4.06E-08	2.89E-03	9.12E-07	6.92E-08	8.01E-06	4.11E-06
451	488919.6, 3857500.76	5.82E-02	1.84E-05	7.79E-06	2.97E-02	9.38E-06	3.98E-06	2.21E-03	6.97E-07	4.01E-08	2.82E-03	8.89E-07	6.75E-08	7.81E-06	4.01E-06
452	488819.6, 3857550.76	6.19E-02	1.95E-05	8.28E-06	3.16E-02	9.98E-06	4.23E-06	2.34E-03	7.38E-07	4.25E-08	3.06E-03	9.67E-07	7.34E-08	8.31E-06	4.27E-06
453	488869.6, 3857550.76	6.03E-02	1.90E-05	8.08E-06	3.09E-02	9.74E-06	4.13E-06	2.31E-03	7.28E-07	4.19E-08	2.98E-03	9.40E-07	7.14E-08	8.11E-06	4.16E-06
454	488919.6, 3857550.76	5.89E-02	1.86E-05	7.89E-06	3.01E-02	9.51E-06	4.04E-06	2.28E-03	7.19E-07	4.13E-08	2.90E-03	9.15E-07	6.94E-08	7.91E-06	4.06E-06
455	489663.71, 3860900.05	1.61E-02	5.07E-06	2.15E-06	8.38E-03	2.64E-06	1.12E-06	8.60E-04	2.71E-07	1.56E-08	8.80E-04	2.78E-07	2.11E-08	2.16E-06	1.13E-06
456	489813.71, 3860900.05	1.57E-02	4.95E-06	2.10E-06	8.22E-03	2.59E-06	1.10E-06	9.02E-04	2.85E-07	1.64E-08	9.22E-04	2.91E-07	2.21E-08	2.11E-06	1.11E-06
457	489863.71, 3860900.05	1.55E-02	4.90E-06	2.08E-06	8.15E-03	2.57E-06	1.09E-06	9.16E-04	2.89E-07	1.66E-08	9.37E-04	2.96E-07	2.24E-08	2.09E-06	1.10E-06
458	489913.71, 3860900.05	1.54E-02	4.86E-06	2.06E-06	8.10E-03	2.56E-06	1.08E-06	9.32E-04	2.94E-07	1.69E-08	9.53E-04	3.01E-07	2.28E-08	2.07E-06	1.09E-06
459	489963.71, 3860900.05	1.53E-02	4.81E-06	2.04E-06	8.04E-03	2.54E-06	1.08E-06	9.48E-04	2.99E-07	1.72E-08	9.70E-04	3.06E-07	2.32E-08	2.05E-06	1.08E-06
460	490013.71, 3860900.05	1.51E-02	4.78E-06	2.03E-06	7.99E-03	2.52E-06	1.07E-06	9.65E-04	3.05E-07	1.75E-08	9.88E-04	3.12E-07	2.37E-08	2.03E-06	1.08E-06
461	490063.71, 3860900.05	1.50E-02	4.73E-06	2.01E-06	7.93E-03	2.50E-06	1.06E-06	9.82E-04	3.10E-07	1.78E-08	1.01E-03	3.17E-07	2.41E-08	2.01E-06	1.07E-06
462	489663.71, 3860950.05	1.45E-02	4.59E-06	1.95E-06	7.62E-03	2.40E-06	1.02E-06	8.37E-04	2.64E-07	1.52E-08	8.57E-04	2.70E-07	2.05E-08	1.95E-06	1.03E-06
463	489813.71, 3860950.05	1.43E-02	4.51E-06	1.91E-06	7.52E-03	2.37E-06	1.01E-06	8.76E-04	2.76E-07	1.59E-08	8.96E-04	2.83E-07	2.15E-08	1.92E-06	1.01E-06
464	489863.71, 3860950.05	1.42E-02	4.48E-06	1.90E-06	7.48E-03	2.36E-06	1.00E-06	8.88E-04	2.80E-07	1.61E-08	9.09E-04	2.87E-07	2.18E-08	1.91E-06	1.01E-06
465	489913.71, 3860950.05	1.41E-02	4.45E-06	1.89E-06	7.45E-03	2.35E-06	9.97E-07	9.02E-04	2.85E-07	1.64E-08	9.26E-04	2.92E-07	2.22E-08	1.89E-06	1.00E-06
466	489963.71, 3860950.05	1.40E-02	4.42E-06	1.88E-06	7.41E-03	2.34E-06	9.92E-07	9.18E-04	2.90E-07	1.67E-08	9.40E-04	2.97E-07	2.25E-08	1.88E-06	9.98E-07
467	490013.71, 3860950.05	1.39E-02	4.39E-06	1.86E-06	7.37E-03	2.33E-06	9.87E-07	9.34E-04	2.95E-07	1.69E-08	9.57E-04	3.02E-07	2.29E-08	1.87E-06	9.93E-07
468	490063.71, 3860950.05	1.38E-02	4.37E-06	1.85E-06	7.34E-03	2.32E-06	9.84E-07	9.49E-04	3.00E-07	1.72E-08	9.73E-04	3.07E-07	2.33E-08	1.86E-06	9.90E-07
469	489513.71, 3861000.05	1.34E-02	4.22E-06	1.79E-06	7.02E-03	2.22E-06	9.40E-07	7.85E-04	2.48E-07	1.42E-08	8.01E-04	2.53E-07	1.92E-08	1.80E-06	9.45E-07
470	489563.71, 3861000.05	1.33E-02	4.21E-06	1.78E-06	7.00E-03	2.21E-06	9.37E-07	7.94E-04	2.51E-07	1.44E-08	8.11E-04	2.56E-07	1.94E-08	1.79E-06	9.42E-07
471	489613.71, 3861000.05	1.33E-02	4.20E-06	1.78E-06	6.99E-03	2.21E-06	9.36E-07	8.05E-04	2.54E-07	1.46E-08	8.23E-04	2.60E-07	1.97E-08	1.79E-06	9.41E-07
472	489663.71, 3861000.05	1.32E-02	4.18E-06	1.77E-06	6.97E-03	2.20E-06	9.34E-07	8.16E-04	2.58E-07	1.48E-08	8.34E-04	2.63E-07	2.00E-08	1.78E-06	9.39E-07
473	489713.71, 3861000.05	1.32E-02	4.16E-06	1.77E-06	6.95E-03	2.19E-06	9.31E-07	8.27E-04	2.61E-07	1.50E-08	8.47E-04	2.67E-07	2.03E-08	1.77E-06	9.36E-07
474	489763.71, 3861000.05	1.31E-02	4.15E-06	1.76E-06	6.93E-03	2.19E-06	9.28E-07	8.38E-04	2.65E-07	1.52E-08	8.59E-04	2.71E-07	2.06E-08	1.76E-06	9.34E-07
475	489813.71, 3861000.05	1.31E-02	4.13E-06	1.75E-06	6.92E-03	2.18E-06	9.26E-07	8.51E-04	2.68E-07	1.54E-08	8.73E-04	2.76E-07	2.09E-08	1.76E-06	9.32E-07
476	489863.71, 3861000.05	1.30E-02	4.11E-06	1.74E-06	6.90E-03	2.18E-06	9.23E-07	8.63E-04	2.72E-07	1.57E-08	8.85E-04	2.79E-07	2.12E-08	1.75E-06	9.29E-07
477	489913.71, 3861000.05	1.30E-02	4.09E-06	1.74E-06	6.88E-03	2.17E-06	9.21E-07	8.77E-04	2.77E-07	1.59E-08	8.99E-04	2.84E-07	2.15E-08	1.74E-06	9.26E-07
478	489963.71, 3861000.05	1.29E-02	4.07E-06	1.73E-06	6.85E-03	2.16E-06	9.18E-07	8.90E-04	2.81E-07	1.62E-08	9.12E-04	2.88E-07	2.19E-08	1.73E-06	9.24E-07
479	490013.71, 3861000.05	1.28E-02	4.05E-06	1.72E-06	6.83E-03	2.16E-06	9.15E-07	9.05E-04	2.86E-07	1.64E-08	9.27E-04	2.93E-07	2.22E-08	1.72E-06	9.21E-07
480	490063.71, 3861000.05	1.28E-02	4.03E-06	1.71E-06	6.81E-03	2.15E-06	9.12E-07	9.20E-04	2.90E-07	1.67E-08	9.43E-04	2.98E-07	2.26E-08	1.72E-06	9.18E-07
481	489513.71, 3861050.05	1.22E-02	3.86E-06	1.64E-06	6.45E-03	2.04E-06	8.64E-07	7.68E-04	2.42E-07	1.39E-08	7.83E-04	2.47E-07	1.88E-08	1.64E-06	8.69E-07
482	489563.71, 3861050.05	1.22E-02	3.85E-06	1.63E-06	6.44E-03	2.03E-06	8.63E-07	7.75E-04	2.45E-07	1.41E-08	7.93E-04	2.50E-07	1.90E-08	1.64E-06	8.68E-07
483	489613.71, 3861050.05	1.22E-02	3.85E-06	1.63E-06	6.44E-03	2.03E-06	8.62E-07	7.86E-04	2.48E-07	1.43E-08	8.05E-04	2.54E-07	1.93E-08	1.64E-06	8.67E-07
484	489663.71, 3861050.05	1.22E-02	3.84E-06	1.63E-06	6.43E-03	2.03E-06	8.62E-07	7.96E-04	2.51E-07	1.44E-08	8.15E-04	2.57E-07	1.95E-08	1.63E-06	8.67E-07
485	489713.71, 3861050.05	1.21E-02	3.82E-06	1.62E-06	6.42E-03	2.03E-06	8.59E-07	8.05E-04	2.54E-07	1.46E-08	8.26E-04	2.61E-07	1.98E-08	1.63E-06	8.65E-07
486	489763.71, 3861050.05	1.21E-02	3.82E-06	1.62E-06	6.41E-03	2.02E-06	8.59E-07	8.16E-04	2.58E-07	1.48E-08	8.37E-04	2.64E-07	2.01E-08	1.62E-06	8.64E-07
487	489813.71, 3861050.05	1.21E-02	3.80E-06	1.61E-06	6.40E-03	2.02E-06	8.57E-07	8.29E-04	2.62E-07	1.50E-08	8.49E-04	2.68E-07	2.03E-08	1.62E-06	8.63E-07
488	489863.71, 3861050.05	1.20E-02	3.79E-06	1.61E-06	6.39E-03	2.02E-06	8.56E-07	8.40E-04	2.65E-07	1.52E-08	8.62E-04	2.72E-07	2.06E-08	1.61E-06	8.61E-07
489	489913.71, 3861050.05	1.20E-02	3.78E-06	1.60E-06	6.38E-03	2.01E-06	8.55E-07	8.52E-04	2.69E-07	1.55E-08	8.75E-04	2.76E-07	2.10E-08	1.61E-06	8.60E-07
490	489963.71, 3861050.05	1.19E-02	3.77E-06	1.60E-06	6.37E-03	2.01E-06	8.53E-07	8.65E-04	2.73E-07	1.57E-08	8.88E-04	2.80E-07	2.13E-08	1.60E-06	8.58E-07
491	490013.71, 3861050.05	1.19E-02	3.75E-06	1.59E-06	6.36E-03	2.01E-06	8.51E-07	8.79E-04	2.77E-07	1.60E-08	9.03E-04	2.85E-07	2.16E-08	1.60E-06	8.57E-07
492	490063.71, 3861050.05	1.19E-02	3.74E-06	1.59E-06	6.34E-03	2.00E-06	8.50E-07	8.93E-04	2.82E-07	1.62E-08	9.16E-04	2.89E-07	2.19E-08	1.59E-06	8.55E-07
493	489513.71, 3861100.05	1.13E-02	3.56E-06	1.51E-06	5.98E-03	1.89E-06	8.01E-07	7.50E-04	2.37E-07	1.36E-08	7.66E-04	2.42E-07	1.83E-08	1.52E-06	8.06E-07
494	489563.71, 3861100.05	1.13E-02	3.55E-06	1.51E-06	5.97E-03	1.88E-06	8.00E-07	7.58E-04	2.39E-07	1.38E-08	7.75E-04	2.45E-07	1.86E-08	1.51E-06	8.04E-07
495	489613.71, 3861100.05	1.12E-02	3.55E-06	1.51E-06	5.97E-03	1.88E-06	7.99E-07	7.66E-04	2.42E-07	1.39E-08	7.83E-04	2.47E-07	1.88E-08	1.51E-06	8.04E-07
496	489663.71, 3861100.05	1.12E-02	3.54E-06	1.50E-06	5.96E-03	1.88E-06	7.98E-07	7.75E-04	2.45E-07	1.41E-08	7.93E-04	2.50E-07	1.90E-08	1.51E-06	8.03E-07
497	489713.71, 3861100.05	1.12E-02	3.54E-06	1.50E-06	5.96E-03	1.88E-06	7.99E-07	7.85E-04	2.48E-07	1.42E-08	8.05E-04	2.54E-07	1.93E-08	1.51E-06	8.04E-07
498	489763.71, 3861100.05	1.12E-02	3.53E-06	1.50E-06	5.96E-03	1.88E-06	7.98E-07	7.96E-04	2.51E-07	1.44E-08	8.16E-04	2.58E-07	1.96E-08	1.50E-06	8.03E-07
499	489813.71, 3861100.05	1.12E-02	3.53E-06	1.50E-06	5.96E-03	1.88E-06	7.98E-07	8.07E-04	2.55E-07	1.46E-08	8.28E-04	2.61E-07	1.98E-08	1.50E-06	8.03E-07
500	489863.71, 3861100.05	1.11E-02	3.52E-06	1.49E-06	5.95E-03	1.88E-06	7.97E-07	8.18E-04	2.58E-07	1.48E-08	8.41E-04	2.65E-07	2.01E-08	1.50E-06	8.03E-07
501	489913.71, 3861100.05	1.11E-02	3.51E-06	1.49E-06	5.94E-03	1.88E-06	7.96E-07	8.29E-04	2.62E-07	1.50E-08	8.52E-04	2.69E-07	2.04E-08	1.49E-06	8.01E-07
502	489963.71, 3861100.05	1.11E-02	3.50E-06	1.49E-06	5.94E-03	1.88E-06	7.96E-07	8.41E-04	2.66E-07	1.53E-08	8.65E-04	2.73E-07	2.07E-08	1.49E-06	8.01E-07
503	490013.71, 3861100.05	1.11E-02	3.49E-06	1.48E-06	5.93E-03	1.87E-06	7.94E-07	8.54E-04	2.69E-07	1.55E-08	8.77E-04	2.77E-07	2.10E-08	1.49E-06	8.00E-07
504	490063.71, 3861100.05	1.10E-02	3.48E-06	1.48E-06	5.93E-03	1.87E-06	7.94E-07	8.68E-04	2.74E-07	1.58E-08	8.91E-04	2.81E-07	2.13E-08	1.48E-06	8.00E-07
505	489713.71, 3861150.05	1.04E-02	3.29E-06	1.39E-06	5.56E-03	1.76E-06	7.45E-07	7.66E-04	2.42E-07	1.39E-08	7.85E-04	2.48E-07	1.88E-08	1.40E-06	7.50E-07
506	489763.71, 3861150.05	1.04E-02	3.29E-06	1.39E-06	5.57E-03	1.76E-06	7.46E-07	7.75E-04	2.45E-07	1.41E-08	7.97E-04	2.51E-07	1.91E-08	1.40E-06	7.51E-07
507	489813.71, 3861150.05	1.04E-02	3.28E-06	1.39E-06	5.57E-03	1.76E-06	7.46E-07	7.86E-04	2.48E-07	1.43E-08	8.08E-04	2.55E-07	1.94E-08	1.40E-06	7.51E-07
508	489863.71, 3861150.05	1.04E-02	3.28E-06	1.39E-06	5.57E-03	1.76E-06	7.45E-07	7.96E-04	2.51E-07	1.44E-08	8.19E-04	2.59E-07	1.96E-08	1.39E-06	7.50E-07
509	489913.71, 3861150.05	1.04E-02	3.27E-06	1.39E-06	5.57E-03	1.76E-06	7.46E-07	8.07E-04	2.55E-07	1.46E-08	8.31E-04	2.62E-07	1.99E-08	1.39E-06	7.51E-07
510	489963.71, 3861150.05	1.04E-02	3.27E-06	1.39E-06	5.57E-03	1.76E-06	7.46E-07	8.19E-04	2.59E-07	1.49E-08	8.42E-04	2.66E-07	2.02E-08	1.39E-06	7.51E-07
511	490013.71, 3861150.05	1.03E-02	3.26E-06	1.38E-06	5.56E-03	1.75E-06	7.44E-07	8.30E-04	2.62E-07	1.51E-08	8.54E-04	2.69E-07	2.05E-08	1.39E-06	7.50E-07
512	490063.71, 3861150.05	1.03E-02	3.25E-06	1.38E-06	5.56E-03	1.75E-06	7.44E-07	8.43E-04	2.66E-07	1.53E-08	8.67E-04	2.74E-07	2.08E-08	1.39E-06	7.50E-07
513	489613.71, 3861200.05	9.75E-03	3.08E-06	1.31E-06	5.22E-03	1.65E-06	6.99E-07	7.30E-04	2.30E-07	1.33E-08	7.48E-04	2.36E-07	1.79E-08	1.31E-06	7.03E-07
514	489663.71, 3861200.05	9.75E-03	3.08E-06	1.31E-06	5.22E-03	1.65E-06	7.00E-07	7.39E-04	2.33E-07	1.34E-08	7.57E-04	2.39E-07	1.81E-08	1.31E-06	7.04E-07
515	489713.71, 3861200.05	9.74E-03	3.08E-06	1.30E-06	5.23E-03	1.65E-06	7.00E-07	7.47E-04	2.36E-07	1.36E-08	7.67E-04	2.42E-07	1.84E-08	1.31E-06	7.05E-07
516	489763.71, 3861200.05	9.74E-03	3.07E-06	1.30E-06	5.23E-03	1.65E-06	7.00E-07	7.57E-04	2.39E-07	1.37E-08	7.77E-04	2.45E-07	1.86E-08	1.31E-06	7.05E-07
517	489813.71, 3861200.05	9.73E-03	3.07E-06	1.30E-06	5.23E-03	1.65E-06	7.00E-07	7.66E-04	2.42E-07	1.39E-08	7.88E-04	2.49E-07	1.89E-08	1.31E-06	7.05E-07
518	489863.71, 3861200.05	9.73E-03	3.07E-06	1.30E-06	5.24E-03	1.65E-06	7.02E-07	7.77E-04	2.45E-07	1.41E-08	8.00E-04	2.52E-07	1.92E-08	1.31E-06	7.07E-07
519	489913.71, 3861200.05	9.71E-03	3.06E-06	1.30E-06	5.23E-03	1.65E-06	7.01E-07	7.86E-04	2.48E-07	1.43E-08	8.10E-04	2.56E-07	1.94E-08	1.31E-06	7.06E-07
520	489963.71, 3861200.05	9.69E-03	3.06E-06	1.30E-06	5.23E-03	1.65E-06	7.01E-07	7.97E-04	2.52E-07	1.45E-08	8.21E-04	2.59E-07	1.97E-08	1.30E-06	7.06E-07
521	490013.71, 3861200.05	9.69E-03	3.06E-06	1.30E-06	5.24E-03	1.65E-06	7.01E-07	8.08E-04	2.55E-07	1.47E-08	8.32E-04	2.63E-07	1.99E-08	1.30E-06	7.06E-07
522	490063.71, 3861200.05	9.67E-03	3.05E-06	1.29E-06	5.24E-03	1.65E-06	7.01E-07	8.21E-04	2.59E-07	1.49E-08	8.44E-04	2.66E-07	2.02E-08	1.30E-06	7.06E-07
523	489513.71, 3861250.05	9.15E-03	2.89E-06	1.23E-06	4.90E-03	1.55E-06	6.57E-07	6.99E-04	2.21E-07	1.27E-08	7.13E-04	2.25E-07	1.71E-08	1.23E-06	6.61E-07
524	489563.71, 3861250.05	9.16E-03	2.89E-06	1.23E-06	4.91E-03	1.55E-06	6.58E-07	7.06E-04	2.23E-07	1.28E-08	7.23E-04	2.28E-07	1.73E-08	1.23E-06	6.62E-07
525	489613.71, 3861250.05	9.16E-03	2.89E-06	1.23E-06	4.92E-03	1.55E-06	6.59E-07	7.14E-04	2.25E-07	1.30E-08	7.31E-04	2.31E-07	1.75E-08	1.23E-06	6.64E-07
526	489663.71, 3861250.05	9.16E-03	2.89E-06	1.23E-06	4.93E-03	1.56E-06	6.60E-07	7.22E-04	2.28E-07	1.31E-08	7.41E-04	2.34E-07	1.78E-08	1.23E-06	6.64E-07
527	489713.71, 3861250.05	9.16E-03	2.89E-06	1.23E-06	4.93E-03	1.56E-06	6.60E-07	7.30E-04	2.30E-07	1.33E-08	7.49E-04	2.36E-07	1.79E-08	1.23E-06	6.65E-07
528	489763.71, 3861250.05	9.15E-03	2.89E-06	1.23E-06	4.93E-03	1.56E-06	6.61E-07	7.39E-04	2.33E-07	1.34E-08	7.59E-04	2.40E-07	1.82E-08	1.23E-06	6.65E-07
529	489813.71, 3861250.05	9.16E-03	2.89E-06	1.23E-06	4.94E-03	1.56E-06	6.61E-07	7.49E-04	2.36E-07	1.36E-08	7.69E-04	2.43E-07	1.84E-08	1.23E-06	6.66E-07
530	489863.71, 3861250.05	9.14E-03	2.89E-06	1.22E-06	4.94E-03	1.56E-06	6.62E-07	7.58E-04	2.39E-07	1.38E-08	7.80E-04	2.46E-07	1.87E-08	1.23E-06	6.67E-07
531	489913.71, 3861250.05	9.14E-03	2.88E-06	1.22E-06	4.94E-03	1.56E-06	6.62E-07	7.68E-04	2.42E-07	1.39E-08	7.90E-04	2.49E-07	1.89E-08	1.23E-06	6.67E-07
532	489963.71, 3861250.05	9.13E-03	2.88E-06	1.22E-06	4.94E-03	1.56E-06	6.62E-07	7.77E-04	2.45E-07	1.41E-08	8.01E-04	2.53E-07	1.92E-08	1.23E-06	6.67E-07
533	490013.71, 3861250.05	9.12E-03	2.88E-06	1.22E-06	4.95E-03	1.56E-06	6.63E-07	7.88E-04	2.49E-07	1.43E-08	8.11E-04	2.56E-07	1.94E-08	1.23E-06	6.68E-07
534	490063.71, 3861250.05	9.10E-03	2.87E-06	1.22E-06	4.95E-03	1.56E-06	6.62E-07	7.99E-04	2.52E-07	1.45E-08	8.23E-04	2.60E-07	1.97E-08	1.22E-06	6.68E-07
535	489528.13, 3861308.47	8.55E-03	2.70E-06	1.15E-06	4.60E-03	1.45E-06	6.17E-07	6.85E-04	2.16E-07	1.24E-08	6.99E-04	2.20E-07	1.67E-08	1.15E-06	6.21E-07
536	489578.13, 3861308.47	8.56E-03	2.70E-06	1.15E-06	4.61E-03	1.46E-06	6.18E-07	6.91E-04	2.18E-07	1.25E-08	7.07E-04	2.23E-07	1.69E-08	1.15E-06	6.22E-07

537	489628.13, 3861308.47	8.57E-03	2.71E-06	1.15E-06	4.62E-03	1.46E-06	6.19E-07	6.99E-04	2.21E-07	1.27E-08	7.15E-04	2.26E-07	1.71E-08	1.15E-06	6.24E-07
538	489678.13, 3861308.47	8.57E-03	2.71E-06	1.15E-06	4.63E-03	1.46E-06	6.20E-07	7.05E-04	2.22E-07	1.28E-08	7.23E-04	2.28E-07	1.73E-08	1.15E-06	6.24E-07
539	489728.13, 3861308.47	8.57E-03	2.70E-06	1.15E-06	4.63E-03	1.46E-06	6.20E-07	7.14E-04	2.25E-07	1.30E-08	7.33E-04	2.31E-07	1.76E-08	1.15E-06	6.25E-07
540	489778.13, 3861308.47	8.56E-03	2.70E-06	1.15E-06	4.63E-03	1.46E-06	6.21E-07	7.22E-04	2.28E-07	1.31E-08	7.41E-04	2.34E-07	1.78E-08	1.15E-06	6.25E-07
541	489678.13, 3861358.47	8.13E-03	2.56E-06	1.09E-06	4.40E-03	1.39E-06	5.89E-07	6.91E-04	2.18E-07	1.25E-08	7.08E-04	2.24E-07	1.70E-08	1.09E-06	5.94E-07
542	489728.13, 3861358.47	8.13E-03	2.57E-06	1.09E-06	4.41E-03	1.39E-06	5.90E-07	6.97E-04	2.20E-07	1.27E-08	7.17E-04	2.26E-07	1.72E-08	1.09E-06	5.95E-07
543	489528.13, 3861408.47	7.73E-03	2.44E-06	1.04E-06	4.19E-03	1.32E-06	5.61E-07	6.56E-04	2.07E-07	1.19E-08	6.69E-04	2.11E-07	1.60E-08	1.04E-06	5.65E-07
544	489578.13, 3861408.47	7.73E-03	2.44E-06	1.03E-06	4.19E-03	1.32E-06	5.61E-07	6.63E-04	2.09E-07	1.20E-08	6.77E-04	2.14E-07	1.62E-08	1.04E-06	5.65E-07
545	489628.13, 3861408.47	7.73E-03	2.44E-06	1.04E-06	4.20E-03	1.32E-06	5.62E-07	6.69E-04	2.11E-07	1.21E-08	6.86E-04	2.16E-07	1.64E-08	1.04E-06	5.66E-07
546	489678.13, 3861408.47	7.75E-03	2.44E-06	1.04E-06	4.21E-03	1.33E-06	5.63E-07	6.75E-04	2.13E-07	1.23E-08	6.92E-04	2.18E-07	1.66E-08	1.04E-06	5.68E-07
547	489728.13, 3861408.47	7.74E-03	2.44E-06	1.04E-06	4.21E-03	1.33E-06	5.63E-07	6.83E-04	2.16E-07	1.24E-08	7.00E-04	2.21E-07	1.68E-08	1.04E-06	5.68E-07
548	489528.13, 3861458.47	7.38E-03	2.33E-06	9.89E-07	4.01E-03	1.27E-06	5.37E-07	6.44E-04	2.03E-07	1.17E-08	6.56E-04	2.07E-07	1.57E-08	9.93E-07	5.41E-07
549	489578.13, 3861458.47	7.39E-03	2.33E-06	9.90E-07	4.02E-03	1.27E-06	5.38E-07	6.50E-04	2.05E-07	1.18E-08	6.63E-04	2.09E-07	1.59E-08	9.94E-07	5.42E-07
550	489628.13, 3861458.47	7.40E-03	2.34E-06	9.91E-07	4.02E-03	1.27E-06	5.39E-07	6.56E-04	2.07E-07	1.19E-08	6.71E-04	2.12E-07	1.61E-08	9.95E-07	5.43E-07
551	489678.13, 3861458.47	7.40E-03	2.33E-06	9.91E-07	4.03E-03	1.27E-06	5.39E-07	6.63E-04	2.09E-07	1.20E-08	6.79E-04	2.14E-07	1.63E-08	9.95E-07	5.44E-07
552	489728.13, 3861458.47	7.40E-03	2.34E-06	9.91E-07	4.03E-03	1.27E-06	5.40E-07	6.69E-04	2.11E-07	1.21E-08	6.86E-04	2.16E-07	1.64E-08	9.96E-07	5.45E-07
553	489528.13, 3861508.47	7.08E-03	2.23E-06	9.48E-07	3.85E-03	1.22E-06	5.16E-07	6.31E-04	1.99E-07	1.15E-08	6.43E-04	2.03E-07	1.54E-08	9.52E-07	5.20E-07
554	489578.13, 3861508.47	7.09E-03	2.24E-06	9.49E-07	3.86E-03	1.22E-06	5.17E-07	6.38E-04	2.01E-07	1.16E-08	6.50E-04	2.05E-07	1.56E-08	9.53E-07	5.21E-07
555	489628.13, 3861508.47	7.08E-03	2.23E-06	9.48E-07	3.86E-03	1.22E-06	5.17E-07	6.44E-04	2.03E-07	1.17E-08	6.58E-04	2.08E-07	1.58E-08	9.52E-07	5.21E-07
556	489678.13, 3861508.47	7.09E-03	2.24E-06	9.49E-07	3.87E-03	1.22E-06	5.18E-07	6.49E-04	2.05E-07	1.18E-08	6.64E-04	2.10E-07	1.59E-08	9.53E-07	5.22E-07
557	489728.13, 3861508.47	7.09E-03	2.24E-06	9.50E-07	3.88E-03	1.22E-06	5.19E-07	6.55E-04	2.07E-07	1.19E-08	6.73E-04	2.12E-07	1.61E-08	9.54E-07	5.23E-07
558	489628.13, 3861558.47	6.81E-03	2.15E-06	9.12E-07	3.72E-03	1.18E-06	4.99E-07	6.31E-04	1.99E-07	1.15E-08	6.45E-04	2.03E-07	1.54E-08	9.16E-07	5.03E-07
559	489678.13, 3861558.47	6.81E-03	2.15E-06	9.12E-07	3.73E-03	1.18E-06	4.99E-07	6.38E-04	2.01E-07	1.16E-08	6.51E-04	2.06E-07	1.56E-08	9.16E-07	5.03E-07
560	489728.13, 3861558.47	6.82E-03	2.15E-06	9.13E-07	3.73E-03	1.18E-06	5.00E-07	6.44E-04	2.03E-07	1.17E-08	6.59E-04	2.08E-07	1.58E-08	9.17E-07	5.04E-07
561	489357.08, 3861015.81	1.32E-02	4.17E-06	1.77E-06	6.91E-03	2.18E-06	9.25E-07	7.52E-04	2.37E-07	1.36E-08	7.64E-04	2.41E-07	1.83E-08	1.77E-06	9.30E-07
562	489407.08, 3861015.81	1.31E-02	4.14E-06	1.75E-06	6.87E-03	2.17E-06	9.20E-07	7.60E-04	2.40E-07	1.38E-08	7.74E-04	2.44E-07	1.85E-08	1.76E-06	9.25E-07
563	489457.08, 3861015.81	1.30E-02	4.12E-06	1.75E-06	6.85E-03	2.16E-06	9.17E-07	7.68E-04	2.42E-07	1.39E-08	7.83E-04	2.47E-07	1.88E-08	1.75E-06	9.22E-07
564	489357.08, 3861065.81	1.21E-02	3.81E-06	1.62E-06	6.35E-03	2.00E-06	8.50E-07	7.36E-04	2.32E-07	1.34E-08	7.48E-04	2.36E-07	1.79E-08	1.62E-06	8.55E-07
565	489407.08, 3861065.81	1.20E-02	3.78E-06	1.61E-06	6.31E-03	1.99E-06	8.45E-07	7.43E-04	2.34E-07	1.35E-08	7.56E-04	2.39E-07	1.81E-08	1.61E-06	8.50E-07
566	489457.08, 3861065.81	1.19E-02	3.77E-06	1.60E-06	6.30E-03	1.99E-06	8.43E-07	7.50E-04	2.37E-07	1.36E-08	7.66E-04	2.42E-07	1.83E-08	1.60E-06	8.48E-07
567	489357.08, 3861115.81	1.11E-02	3.51E-06	1.49E-06	5.88E-03	1.86E-06	7.88E-07	7.21E-04	2.27E-07	1.31E-08	7.31E-04	2.31E-07	1.75E-08	1.49E-06	7.92E-07
568	489407.08, 3861115.81	1.11E-02	3.49E-06	1.48E-06	5.85E-03	1.85E-06	7.84E-07	7.27E-04	2.29E-07	1.32E-08	7.41E-04	2.34E-07	1.78E-08	1.49E-06	7.88E-07
569	489457.08, 3861115.81	1.10E-02	3.48E-06	1.48E-06	5.84E-03	1.84E-06	7.82E-07	7.35E-04	2.32E-07	1.33E-08	7.49E-04	2.36E-07	1.79E-08	1.48E-06	7.87E-07
570	489407.08, 3861165.81	1.03E-02	3.24E-06	1.37E-06	5.46E-03	1.72E-06	7.31E-07	7.11E-04	2.24E-07	1.29E-08	7.25E-04	2.29E-07	1.74E-08	1.38E-06	7.35E-07
571	489457.08, 3861165.81	1.02E-02	3.23E-06	1.37E-06	5.45E-03	1.72E-06	7.29E-07	7.19E-04	2.27E-07	1.31E-08	7.33E-04	2.31E-07	1.76E-08	1.38E-06	7.34E-07
572	489407.08, 3861215.81	9.59E-03	3.03E-06	1.28E-06	5.12E-03	1.61E-06	6.85E-07	6.96E-04	2.20E-07	1.26E-08	7.08E-04	2.24E-07	1.70E-08	1.29E-06	6.89E-07
573	489457.08, 3861215.81	9.57E-03	3.02E-06	1.28E-06	5.11E-03	1.61E-06	6.84E-07	7.02E-04	2.21E-07	1.27E-08	7.17E-04	2.26E-07	1.72E-08	1.29E-06	6.89E-07
574	489407.08, 3861265.81	9.01E-03	2.84E-06	1.21E-06	4.83E-03	1.52E-06	6.46E-07	6.80E-04	2.15E-07	1.23E-08	6.92E-04	2.18E-07	1.66E-08	1.21E-06	6.51E-07
575	489457.08, 3861265.81	8.98E-03	2.84E-06	1.20E-06	4.82E-03	1.52E-06	6.45E-07	6.86E-04	2.17E-07	1.25E-08	7.00E-04	2.21E-07	1.68E-08	1.21E-06	6.49E-07
576	489309.86, 3861110.14	1.14E-02	3.60E-06	1.53E-06	6.02E-03	1.90E-06	8.06E-07	7.14E-04	2.25E-07	1.30E-08	7.25E-04	2.29E-07	1.74E-08	1.53E-06	8.10E-07
577	489407.08, 3861315.81	8.53E-03	2.69E-06	1.14E-06	4.58E-03	1.45E-06	6.13E-07	6.66E-04	2.10E-07	1.21E-08	6.77E-04	2.14E-07	1.62E-08	1.15E-06	6.18E-07
578	489457.08, 3861315.81	8.50E-03	2.68E-06	1.14E-06	4.57E-03	1.44E-06	6.12E-07	6.72E-04	2.12E-07	1.22E-08	6.86E-04	2.16E-07	1.64E-08	1.14E-06	6.16E-07
579	488906.03, 3861006.75	1.21E-02	3.82E-06	1.62E-06	6.34E-03	2.00E-06	8.49E-07	6.94E-04	2.19E-07	1.26E-08	6.95E-04	2.19E-07	1.67E-08	1.63E-06	8.53E-07
580	488956.03, 3861006.75	1.22E-02	3.85E-06	1.64E-06	6.40E-03	2.02E-06	8.57E-07	7.00E-04	2.21E-07	1.27E-08	7.04E-04	2.22E-07	1.69E-08	1.64E-06	8.61E-07
581	488904.24, 3861051.87	1.11E-02	3.49E-06	1.48E-06	5.83E-03	1.84E-06	7.81E-07	6.83E-04	2.16E-07	1.24E-08	6.84E-04	2.16E-07	1.64E-08	1.49E-06	7.85E-07
582	488954.24, 3861051.87	1.11E-02	3.51E-06	1.49E-06	5.86E-03	1.85E-06	7.85E-07	6.88E-04	2.17E-07	1.25E-08	6.90E-04	2.18E-07	1.65E-08	1.50E-06	7.89E-07
583	489004.24, 3861051.87	1.13E-02	3.56E-06	1.51E-06	5.94E-03	1.87E-06	7.95E-07	6.96E-04	2.20E-07	1.26E-08	6.99E-04	2.20E-07	1.67E-08	1.51E-06	7.99E-07
584	488804.24, 3861101.87	9.90E-03	3.13E-06	1.33E-06	5.25E-03	1.66E-06	7.02E-07	6.58E-04	2.08E-07	1.19E-08	6.56E-04	2.07E-07	1.57E-08	1.33E-06	7.06E-07
585	488854.24, 3861101.87	9.99E-03	3.15E-06	1.34E-06	5.29E-03	1.67E-06	7.09E-07	6.64E-04	2.10E-07	1.21E-08	6.64E-04	2.10E-07	1.59E-08	1.34E-06	7.13E-07
586	488904.24, 3861101.87	1.00E-02	3.17E-06	1.34E-06	5.31E-03	1.68E-06	7.11E-07	6.67E-04	2.11E-07	1.21E-08	6.69E-04	2.11E-07	1.60E-08	1.35E-06	7.15E-07
587	488954.24, 3861101.87	1.01E-02	3.19E-06	1.36E-06	5.36E-03	1.69E-06	7.18E-07	6.74E-04	2.13E-07	1.22E-08	6.76E-04	2.13E-07	1.62E-08	1.36E-06	7.22E-07
588	489004.24, 3861101.87	1.02E-02	3.23E-06	1.37E-06	5.42E-03	1.71E-06	7.26E-07	6.78E-04	2.14E-07	1.23E-08	6.82E-04	2.15E-07	1.63E-08	1.37E-06	7.30E-07
589	488804.24, 3861151.87	9.08E-03	2.87E-06	1.22E-06	4.83E-03	1.53E-06	6.47E-07	6.44E-04	2.03E-07	1.17E-08	6.41E-04	2.02E-07	1.54E-08	1.22E-06	6.51E-07
590	488854.24, 3861151.87	9.14E-03	2.88E-06	1.22E-06	4.87E-03	1.54E-06	6.52E-07	6.49E-04	2.05E-07	1.18E-08	6.48E-04	2.05E-07	1.55E-08	1.23E-06	6.55E-07
591	489129.49, 3861187.55	9.54E-03	3.01E-06	1.28E-06	5.08E-03	1.60E-06	6.80E-07	6.69E-04	2.11E-07	1.21E-08	6.74E-04	2.13E-07	1.61E-08	1.28E-06	6.84E-07
592	489179.49, 3861187.55	1.06E-02	3.35E-06	1.42E-06	5.60E-03	1.77E-06	7.50E-07	6.75E-04	2.13E-07	1.23E-08	6.81E-04	2.15E-07	1.63E-08	1.42E-06	7.54E-07
593	488804.24, 3861201.87	8.46E-03	2.67E-06	1.13E-06	4.52E-03	1.43E-06	6.06E-07	6.31E-04	1.99E-07	1.15E-08	6.30E-04	1.99E-07	1.51E-08	1.14E-06	6.09E-07
594	488854.24, 3861201.87	8.50E-03	2.68E-06	1.14E-06	4.55E-03	1.44E-06	6.09E-07	6.36E-04	2.01E-07	1.15E-08	6.35E-04	2.00E-07	1.52E-08	1.14E-06	6.13E-07
595	489129.49, 3861237.55	8.96E-03	2.83E-06	1.20E-06	4.79E-03	1.51E-06	6.41E-07	6.56E-04	2.07E-07	1.19E-08	6.61E-04	2.09E-07	1.58E-08	1.20E-06	6.45E-07
596	489179.49, 3861237.55	1.00E-02	3.17E-06	1.34E-06	5.31E-03	1.68E-06	7.12E-07	6.61E-04	2.09E-07	1.20E-08	6.68E-04	2.11E-07	1.60E-08	1.35E-06	7.16E-07
597	488804.24, 3861251.87	7.92E-03	2.50E-06	1.06E-06	4.26E-03	1.34E-06	5.70E-07	6.20E-04	1.96E-07	1.13E-08	6.19E-04	1.95E-07	1.48E-08	1.06E-06	5.73E-07
598	488854.24, 3861251.87	7.98E-03	2.52E-06	1.07E-06	4.29E-03	1.35E-06	5.74E-07	6.23E-04	1.97E-07	1.13E-08	6.24E-04	1.97E-07	1.49E-08	1.07E-06	5.78E-07
599	488804.24, 3861301.87	7.46E-03	2.36E-06	1.00E-06	4.03E-03	1.27E-06	5.39E-07	6.08E-04	1.92E-07	1.10E-08	6.06E-04	1.91E-07	1.45E-08	1.00E-06	5.43E-07
600	488854.24, 3861301.87	7.53E-03	2.38E-06	1.01E-06	4.06E-03	1.28E-06	5.43E-07	6.13E-04	1.93E-07	1.11E-08	6.12E-04	1.93E-07	1.47E-08	1.01E-06	5.47E-07
601	490943.5, 3860181.97	3.40E-02	1.07E-05	4.56E-06	1.97E-02	6.23E-06	2.64E-06	4.91E-03	1.55E-06	8.91E-08	5.09E-03	1.61E-06	1.22E-07	4.59E-06	2.68E-06
602	490993.5, 3860181.97	3.54E-02	1.12E-05	4.74E-06	2.08E-02	6.57E-06	2.79E-06	5.53E-03	1.75E-06	1.00E-07	5.77E-03	1.82E-06	1.38E-07	4.78E-06	2.83E-06
603	491043.5, 3860181.97	3.75E-02	1.18E-05	5.03E-06	2.24E-02	7.07E-06	3.00E-06	6.39E-03	2.02E-06	1.16E-07	6.69E-03	2.11E-06	1.60E-07	5.07E-06	3.04E-06
604	491093.5, 3860181.97	4.08E-02	1.29E-05	5.47E-06	2.48E-02	7.82E-06	3.32E-06	7.61E-03	2.40E-06	1.38E-07	8.03E-03	2.53E-06	1.92E-07	5.52E-06	3.37E-06
605	490943.5, 3860231.97	3.11E-02	9.82E-06	4.17E-06	1.78E-02	5.63E-06	2.39E-06	4.14E-03	1.31E-06	7.52E-08	4.29E-03	1.35E-06	1.03E-07	4.20E-06	2.41E-06
606	490993.5, 3860231.97	3.21E-02	1.01E-05	4.29E-06	1.86E-02	5.86E-06	2.49E-06	4.60E-03	1.45E-06	8.35E-08	4.78E-03	1.51E-06	1.15E-07	4.32E-06	2.52E-06
607	491043.5, 3860231.97	3.33E-02	1.05E-05	4.46E-06	1.96E-02	6.17E-06	2.62E-06	5.16E-03	1.63E-06	9.38E-08	5.38E-03	1.70E-06	1.29E-07	4.50E-06	2.65E-06
608	491093.5, 3860231.97	3.53E-02	1.11E-05	4.73E-06	2.10E-02	6.63E-06	2.81E-06	5.93E-03	1.87E-06	1.08E-07	6.20E-03	1.96E-06	1.49E-07	4.77E-06	2.85E-06
609	490943.5, 3860281.97	2.88E-02	9.09E-06	3.86E-06	1.63E-02	5.16E-06	2.19E-06	3.60E-03	1.13E-06	6.53E-08	3.71E-03	1.17E-06	8.89E-08	3.88E-06	2.21E-06
610	490993.5, 3860281.97	2.94E-02	9.27E-06	3.93E-06	1.68E-02	5.31E-06	2.25E-06	3.94E-03	1.24E-06	7.14E-08	4.07E-03	1.29E-06	9.76E-08	3.96E-06	2.28E-06
611	491043.5, 3860281.97	3.02E-02	9.52E-06	4.04E-06	1.75E-02	5.52E-06	2.34E-06	4.34E-03	1.37E-06	7.89E-08	4.51E-03	1.42E-06	1.08E-07	4.07E-06	2.37E-06
612	491093.5, 3860281.97	3.13E-02	9.89E-06	4.19E-06	1.84E-02	5.80E-06	2.46E-06	4.87E-03	1.54E-06	8.84E-08	5.06E-03	1.60E-06	1.21E-07	4.23E-06	2.50E-06
613	490943.5, 3860331.97	2.68E-02	8.46E-06	3.59E-06	1.51E-02	4.76E-06	2.02E-06	3.18E-03	1.00E-06	5.78E-08	3.28E-03	1.03E-06	7.86E-08	3.61E-06	2.04E-06
614	490993.5, 3860331.97	2.71E-02	8.55E-06	3.63E-06	1.54E-02	4.86E-06	2.06E-06	3.43E-03	1.08E-06	6.23E-08	3.54E-03	1.12E-06	8.49E-08	3.65E-06	2.08E-06
615	491043.5, 3860331.97	2.76E-02	8.70E-06	3.69E-06	1.58E-02	5.00E-06	2.12E-06	3.74E-03	1.18E-06	6.79E-08	3.86E-03	1.22E-06	9.26E-08	3.72E-06	2.14E-06
616	491093.5, 3860331.97	2.83E-02	8.92E-06	3.78E-06	1.64E-02	5.18E-06	2.20E-06	4.13E-03	1.30E-06	7.49E-08	4.27E-03	1.35E-06	1.02E-07	3.81E-06	2.23E-06
617	490086.72, 3859935.12	4.29E-02	1.36E-05	5.75E-06	2.29E-02	7.24E-06	3.07E-06	3.16E-03	9.97E-07	5.74E-08	3.23E-03	1.02E-06	7.73E-08	5.77E-06	3.09E-06
618	490136.72, 3859935.12	4.24E-02	1.34E-05	5.68E-06	2.28E-02	7.20E-06	3.06E-06	3.36E-03	1.06E-06	6.10E-08	3.44E-03	1.08E-06	8.23E-08	5.70E-06	3.08E-06
619	490186.72, 3859935.12	4.20E-02	1.33E-05	5.63E-06	2.28E-02	7.19E-06	3.05E-06	3.59E-03	1.13E-06	6.51E-08	3.67E-03	1.16E-06	8.79E-08	5.65E-06	3.07E-06
620	490236.72, 3859935.12	4.18E-02	1.32E-05	5.60E-06	2.28E-02	7.21E-06	3.06E-06	3.85E-03	1.22E-06	6.99E-08	3.94E-03	1.24E-06	9.44E-08	5.62E-06	3.08E-06
621	490286.72, 3859935.12	4.17E-02	1.31E-05	5.58E-06	2.30E-02	7.25E-06	3.07E-06	4.15E-03	1.31E-06	7.53E-08	4.24E-03	1.34E-06	1.02E-07	5.61E-06	3.10E-06
622	490336.72, 3859935.12	4.17E-02	1.32E-05	5.58E-06	2.32E-02	7.32E-06	3.11E-06	4.49E-03	1.42E-06	8.16E-08	4.60E-03	1.45E-06	1.10E-07	5.61E-06	3.13E-06
623	490386.72, 3859935.12	4.19E-02	1.32E-05	5.61E-06	2.36E-02	7.44E-06	3.16E-06	4.91E-03	1.55E-06	8.92E-08	5.02E-03	1.59E-06	1.20E-07	5.64E-06	3.19E-06
624	490436.72, 3859935.12	4.24E-02	1.34E-05	5.67E-06	2.41E-02	7.61E-06	3.23E-06	5.42E-03	1.71E-06	9.83E-08	5.54E-03	1.75E-06	1.33E-07	5.71E-06	3.26E-06
625	490486.72, 3859935.12	4.31E-02	1.36E-05	5.78E-06	2.49E-02	7.86E-06	3.33E-06	6.04E-03	1.91E-06	1.10E-07	6.17E-03	1.95E-06	1.48E-07	5.82E-06	3.37E-06
626	490536.72, 3859935.12	4.45E-02	1.40E-05	5.95E-06	2.61E-02	8.23E-06	3.49E-06	6.89E-03	2.17E-06	1.25E-07	7.03E-03	2.22E-06	1.68E-07	6.00E-06	3.54E-06

627	490586.72, 3859935.12	4.64E-02	1.46E-05	6.21E-06	2.78E-02	8.76E-06	3.72E-06	8.03E-03	2.53E-06	1.46E-07	8.17E-03	2.58E-06	1.96E-07	6.26E-06	3.77E-06
628	490636.72, 3859935.12	4.91E-02	1.55E-05	6.57E-06	3.00E-02	9.47E-06	4.02E-06	9.51E-03	3.00E-06	1.73E-07	9.63E-03	3.04E-06	2.31E-07	6.63E-06	4.08E-06
629	490686.72, 3859935.12	5.34E-02	1.69E-05	7.15E-06	3.36E-02	1.06E-05	4.50E-06	1.18E-02	3.72E-06	2.14E-07	1.18E-02	3.74E-06	2.84E-07	7.22E-06	4.57E-06
630	490736.72, 3859935.12	5.99E-02	1.89E-05	8.03E-06	3.89E-02	1.23E-05	5.21E-06	1.51E-02	4.76E-06	2.74E-07	1.50E-02	4.73E-06	3.59E-07	8.11E-06	5.30E-06
631	490086.72, 3859985.12	4.17E-02	1.32E-05	5.58E-06	2.21E-02	6.97E-06	2.96E-06	2.77E-03	8.76E-07	5.04E-08	2.83E-03	8.94E-07	6.79E-08	5.60E-06	2.97E-06
632	490136.72, 3859985.12	4.10E-02	1.29E-05	5.49E-06	2.18E-02	6.90E-06	2.93E-06	2.92E-03	9.22E-07	5.30E-08	2.99E-03	9.42E-07	7.15E-08	5.51E-06	2.94E-06
633	490186.72, 3859985.12	4.05E-02	1.28E-05	5.42E-06	2.17E-02	6.85E-06	2.91E-06	3.09E-03	9.75E-07	5.61E-08	3.16E-03	9.97E-07	7.57E-08	5.44E-06	2.93E-06
634	490236.72, 3859985.12	4.01E-02	1.26E-05	5.36E-06	2.16E-02	6.82E-06	2.89E-06	3.28E-03	1.04E-06	5.96E-08	3.36E-03	1.06E-06	8.04E-08	5.38E-06	2.92E-06
635	490286.72, 3859985.12	3.97E-02	1.25E-05	5.32E-06	2.16E-02	6.81E-06	2.89E-06	3.49E-03	1.10E-06	6.34E-08	3.57E-03	1.13E-06	8.56E-08	5.34E-06	2.91E-06
636	490336.72, 3859985.12	3.95E-02	1.25E-05	5.29E-06	2.16E-02	6.83E-06	2.90E-06	3.73E-03	1.18E-06	6.77E-08	3.81E-03	1.20E-06	9.13E-08	5.31E-06	2.92E-06
637	490386.72, 3859985.12	3.94E-02	1.24E-05	5.27E-06	2.17E-02	6.86E-06	2.91E-06	3.99E-03	1.26E-06	7.25E-08	4.08E-03	1.29E-06	9.78E-08	5.30E-06	2.94E-06
638	490436.72, 3859985.12	3.94E-02	1.24E-05	5.28E-06	2.20E-02	6.93E-06	2.94E-06	4.31E-03	1.36E-06	7.83E-08	4.40E-03	1.39E-06	1.05E-07	5.31E-06	2.97E-06
639	490486.72, 3859985.12	3.97E-02	1.25E-05	5.32E-06	2.23E-02	7.05E-06	2.99E-06	4.69E-03	1.48E-06	8.52E-08	4.79E-03	1.51E-06	1.15E-07	5.34E-06	3.02E-06
640	490536.72, 3859985.12	4.02E-02	1.27E-05	5.39E-06	2.29E-02	7.23E-06	3.07E-06	5.17E-03	1.63E-06	9.38E-08	5.28E-03	1.67E-06	1.26E-07	5.42E-06	3.10E-06
641	490586.72, 3859985.12	4.11E-02	1.30E-05	5.51E-06	2.37E-02	7.49E-06	3.18E-06	5.77E-03	1.82E-06	1.05E-07	5.88E-03	1.86E-06	1.41E-07	5.54E-06	3.21E-06
642	490636.72, 3859985.12	4.24E-02	1.34E-05	5.68E-06	2.49E-02	7.85E-06	3.33E-06	6.53E-03	2.06E-06	1.19E-07	6.65E-03	2.10E-06	1.59E-07	5.72E-06	3.37E-06
643	490686.72, 3859985.12	4.45E-02	1.40E-05	5.96E-06	2.65E-02	8.37E-06	3.55E-06	7.56E-03	2.39E-06	1.37E-07	7.68E-03	2.42E-06	1.84E-07	6.00E-06	3.60E-06
644	490736.72, 3859985.12	4.72E-02	1.49E-05	6.33E-06	2.87E-02	9.06E-06	3.84E-06	8.85E-03	2.79E-06	1.61E-07	8.94E-03	2.82E-06	2.14E-07	6.38E-06	3.90E-06
645	490786.72, 3859985.12	5.16E-02	1.63E-05	6.91E-06	3.20E-02	1.01E-05	4.29E-06	1.07E-02	3.36E-06	1.93E-07	1.07E-02	3.37E-06	2.56E-07	6.98E-06	4.35E-06
646	490086.72, 3860035.12	4.05E-02	1.28E-05	5.43E-06	2.13E-02	6.73E-06	2.86E-06	2.48E-03	7.83E-07	4.50E-08	2.53E-03	7.99E-07	6.06E-08	5.45E-06	2.87E-06
647	490136.72, 3860035.12	3.98E-02	1.26E-05	5.33E-06	2.10E-02	6.64E-06	2.82E-06	2.60E-03	8.19E-07	4.71E-08	2.65E-03	8.37E-07	6.35E-08	5.34E-06	2.83E-06
648	490186.72, 3860035.12	3.91E-02	1.23E-05	5.24E-06	2.08E-02	6.56E-06	2.79E-06	2.72E-03	8.60E-07	4.95E-08	2.78E-03	8.78E-07	6.67E-08	5.26E-06	2.80E-06
649	490236.72, 3860035.12	3.86E-02	1.22E-05	5.16E-06	2.06E-02	6.51E-06	2.76E-06	2.87E-03	9.05E-07	5.20E-08	2.93E-03	9.24E-07	7.01E-08	5.18E-06	2.78E-06
650	490286.72, 3860035.12	3.81E-02	1.20E-05	5.10E-06	2.05E-02	6.46E-06	2.74E-06	3.02E-03	9.53E-07	5.48E-08	3.09E-03	9.74E-07	7.39E-08	5.12E-06	2.76E-06
651	490336.72, 3860035.12	3.77E-02	1.19E-05	5.05E-06	2.04E-02	6.45E-06	2.74E-06	3.20E-03	1.01E-06	5.81E-08	3.27E-03	1.03E-06	7.83E-08	5.07E-06	2.76E-06
652	490386.72, 3860035.12	3.74E-02	1.18E-05	5.01E-06	2.04E-02	6.44E-06	2.73E-06	3.39E-03	1.07E-06	6.15E-08	3.46E-03	1.09E-06	8.29E-08	5.03E-06	2.75E-06
653	490436.72, 3860035.12	3.73E-02	1.18E-05	4.99E-06	2.05E-02	6.46E-06	2.74E-06	3.61E-03	1.14E-06	6.55E-08	3.68E-03	1.16E-06	8.82E-08	5.01E-06	2.76E-06
654	490486.72, 3860035.12	3.72E-02	1.18E-05	4.99E-06	2.06E-02	6.51E-06	2.76E-06	3.86E-03	1.22E-06	7.01E-08	3.94E-03	1.24E-06	9.44E-08	5.01E-06	2.79E-06
655	490536.72, 3860035.12	3.74E-02	1.18E-05	5.01E-06	2.09E-02	6.60E-06	2.80E-06	4.17E-03	1.32E-06	7.57E-08	4.26E-03	1.34E-06	1.02E-07	5.04E-06	2.83E-06
656	490586.72, 3860035.12	3.78E-02	1.19E-05	5.06E-06	2.13E-02	6.73E-06	2.86E-06	4.53E-03	1.43E-06	8.23E-08	4.63E-03	1.46E-06	1.11E-07	5.09E-06	2.88E-06
657	490636.72, 3860035.12	3.84E-02	1.21E-05	5.14E-06	2.19E-02	6.90E-06	2.93E-06	4.95E-03	1.56E-06	8.99E-08	5.05E-03	1.59E-06	1.21E-07	5.17E-06	2.96E-06
658	490686.72, 3860035.12	3.93E-02	1.24E-05	5.27E-06	2.27E-02	7.16E-06	3.04E-06	5.50E-03	1.74E-06	9.99E-08	5.62E-03	1.77E-06	1.35E-07	5.30E-06	3.07E-06
659	490736.72, 3860035.12	4.09E-02	1.29E-05	5.47E-06	2.39E-02	7.55E-06	3.20E-06	6.24E-03	1.97E-06	1.13E-07	6.36E-03	2.01E-06	1.52E-07	5.51E-06	3.24E-06
660	490786.72, 3860035.12	4.28E-02	1.35E-05	5.73E-06	2.54E-02	8.02E-06	3.40E-06	7.09E-03	2.24E-06	1.29E-07	7.23E-03	2.28E-06	1.73E-07	5.78E-06	3.45E-06
661	490836.72, 3860035.12	4.56E-02	1.44E-05	6.10E-06	2.75E-02	8.68E-06	3.68E-06	8.23E-03	2.60E-06	1.49E-07	8.40E-03	2.65E-06	2.01E-07	6.16E-06	3.73E-06
662	490086.72, 3860085.12	3.96E-02	1.25E-05	5.30E-06	2.07E-02	6.54E-06	2.77E-06	2.25E-03	7.11E-07	4.09E-08	2.30E-03	7.26E-07	5.51E-08	5.31E-06	2.79E-06
663	490136.72, 3860085.12	3.86E-02	1.22E-05	5.18E-06	2.03E-02	6.41E-06	2.72E-06	2.34E-03	7.39E-07	4.25E-08	2.39E-03	7.54E-07	5.72E-08	5.19E-06	2.74E-06
664	490186.72, 3860085.12	3.79E-02	1.20E-05	5.08E-06	2.00E-02	6.32E-06	2.68E-06	2.45E-03	7.72E-07	4.44E-08	2.50E-03	7.89E-07	5.99E-08	5.09E-06	2.70E-06
665	490236.72, 3860085.12	3.73E-02	1.18E-05	4.99E-06	1.98E-02	6.24E-06	2.65E-06	2.56E-03	8.07E-07	4.64E-08	2.61E-03	8.25E-07	6.26E-08	5.00E-06	2.67E-06
666	490286.72, 3860085.12	3.67E-02	1.16E-05	4.91E-06	1.96E-02	6.18E-06	2.62E-06	2.68E-03	8.45E-07	4.86E-08	2.74E-03	8.63E-07	6.55E-08	4.93E-06	2.64E-06
667	490336.72, 3860085.12	3.62E-02	1.14E-05	4.85E-06	1.94E-02	6.13E-06	2.60E-06	2.81E-03	8.86E-07	5.10E-08	2.87E-03	9.05E-07	6.87E-08	4.86E-06	2.62E-06
668	490386.72, 3860085.12	3.58E-02	1.13E-05	4.79E-06	1.93E-02	6.10E-06	2.59E-06	2.95E-03	9.32E-07	5.36E-08	3.01E-03	9.52E-07	7.22E-08	4.81E-06	2.61E-06
669	490436.72, 3860085.12	3.55E-02	1.12E-05	4.75E-06	1.93E-02	6.09E-06	2.58E-06	3.11E-03	9.83E-07	5.65E-08	3.18E-03	1.00E-06	7.62E-08	4.77E-06	2.60E-06
670	490486.72, 3860085.12	3.53E-02	1.11E-05	4.72E-06	1.93E-02	6.09E-06	2.58E-06	3.29E-03	1.04E-06	5.98E-08	3.36E-03	1.06E-06	8.06E-08	4.75E-06	2.61E-06
671	490536.72, 3860085.12	3.53E-02	1.11E-05	4.72E-06	1.94E-02	6.13E-06	2.60E-06	3.51E-03	1.11E-06	6.38E-08	3.59E-03	1.13E-06	8.59E-08	4.74E-06	2.62E-06
672	490586.72, 3860085.12	3.53E-02	1.12E-05	4.73E-06	1.96E-02	6.20E-06	2.63E-06	3.76E-03	1.19E-06	6.83E-08	3.84E-03	1.21E-06	9.21E-08	4.76E-06	2.65E-06
673	490636.72, 3860085.12	3.56E-02	1.12E-05	4.76E-06	1.99E-02	6.29E-06	2.67E-06	4.05E-03	1.28E-06	7.35E-08	4.14E-03	1.31E-06	9.91E-08	4.79E-06	2.69E-06
674	490686.72, 3860085.12	3.61E-02	1.14E-05	4.83E-06	2.04E-02	6.44E-06	2.73E-06	4.40E-03	1.39E-06	7.98E-08	4.50E-03	1.42E-06	1.08E-07	4.86E-06	2.76E-06
675	490736.72, 3860085.12	3.68E-02	1.16E-05	4.93E-06	2.10E-02	6.64E-06	2.82E-06	4.83E-03	1.52E-06	8.77E-08	4.95E-03	1.56E-06	1.19E-07	4.96E-06	2.85E-06
676	490786.72, 3860085.12	3.79E-02	1.19E-05	5.07E-06	2.19E-02	6.91E-06	2.93E-06	5.36E-03	1.69E-06	9.73E-08	5.51E-03	1.74E-06	1.32E-07	5.10E-06	2.97E-06
677	490836.72, 3860085.12	3.92E-02	1.24E-05	5.25E-06	2.29E-02	7.24E-06	3.07E-06	6.00E-03	1.89E-06	1.09E-07	6.17E-03	1.95E-06	1.48E-07	5.29E-06	3.11E-06
678	490086.72, 3860135.12	3.84E-02	1.21E-05	5.14E-06	2.00E-02	6.32E-06	2.68E-06	2.05E-03	6.48E-07	3.73E-08	2.09E-03	6.60E-07	5.01E-08	5.16E-06	2.69E-06
679	490136.72, 3860135.12	3.75E-02	1.18E-05	5.02E-06	1.96E-02	6.20E-06	2.63E-06	2.13E-03	6.73E-07	3.87E-08	2.17E-03	6.86E-07	5.21E-08	5.03E-06	2.64E-06
680	490186.72, 3860135.12	3.67E-02	1.16E-05	4.92E-06	1.93E-02	6.09E-06	2.59E-06	2.22E-03	7.01E-07	4.03E-08	2.27E-03	7.15E-07	5.43E-08	4.93E-06	2.60E-06
681	490236.72, 3860135.12	3.60E-02	1.14E-05	4.82E-06	1.90E-02	6.00E-06	2.54E-06	2.31E-03	7.29E-07	4.19E-08	2.36E-03	7.44E-07	5.65E-08	4.83E-06	2.56E-06
682	490286.72, 3860135.12	3.54E-02	1.12E-05	4.73E-06	1.88E-02	5.92E-06	2.51E-06	2.41E-03	7.60E-07	4.37E-08	2.46E-03	7.77E-07	5.90E-08	4.75E-06	2.53E-06
683	490336.72, 3860135.12	3.48E-02	1.10E-05	4.66E-06	1.86E-02	5.86E-06	2.49E-06	2.51E-03	7.93E-07	4.56E-08	2.57E-03	8.11E-07	6.15E-08	4.68E-06	2.50E-06
684	490386.72, 3860135.12	3.43E-02	1.08E-05	4.60E-06	1.84E-02	5.81E-06	2.46E-06	2.63E-03	8.29E-07	4.77E-08	2.69E-03	8.48E-07	6.44E-08	4.61E-06	2.48E-06
685	490436.72, 3860135.12	3.39E-02	1.07E-05	4.54E-06	1.83E-02	5.77E-06	2.45E-06	2.75E-03	8.68E-07	4.99E-08	2.81E-03	8.88E-07	6.74E-08	4.56E-06	2.47E-06
686	490486.72, 3860135.12	3.36E-02	1.06E-05	4.50E-06	1.82E-02	5.75E-06	2.44E-06	2.89E-03	9.13E-07	5.25E-08	2.96E-03	9.33E-07	7.08E-08	4.52E-06	2.46E-06
687	490536.72, 3860135.12	3.34E-02	1.06E-05	4.48E-06	1.82E-02	5.76E-06	2.44E-06	3.06E-03	9.65E-07	5.55E-08	3.12E-03	9.86E-07	7.48E-08	4.50E-06	2.46E-06
688	490586.72, 3860135.12	3.34E-02	1.05E-05	4.47E-06	1.83E-02	5.78E-06	2.45E-06	3.24E-03	1.02E-06	5.88E-08	3.31E-03	1.05E-06	7.93E-08	4.49E-06	2.47E-06
689	490636.72, 3860135.12	3.34E-02	1.05E-05	4.47E-06	1.85E-02	5.83E-06	2.47E-06	3.45E-03	1.09E-06	6.26E-08	3.53E-03	1.11E-06	8.45E-08	4.49E-06	2.50E-06
690	490686.72, 3860135.12	3.35E-02	1.06E-05	4.49E-06	1.87E-02	5.91E-06	2.51E-06	3.69E-03	1.17E-06	6.70E-08	3.78E-03	1.19E-06	9.06E-08	4.52E-06	2.53E-06
691	490736.72, 3860135.12	3.39E-02	1.07E-05	4.54E-06	1.91E-02	6.02E-06	2.55E-06	3.98E-03	1.26E-06	7.23E-08	4.09E-03	1.29E-06	9.79E-08	4.56E-06	2.58E-06
692	490786.72, 3860135.12	3.45E-02	1.09E-05	4.62E-06	1.96E-02	6.18E-06	2.62E-06	4.34E-03	1.37E-06	7.88E-08	4.46E-03	1.41E-06	1.07E-07	4.64E-06	2.65E-06
693	490836.72, 3860135.12	3.52E-02	1.11E-05	4.71E-06	2.02E-02	6.38E-06	2.70E-06	4.76E-03	1.50E-06	8.64E-08	4.91E-03	1.55E-06	1.18E-07	4.74E-06	2.74E-06
694	490086.72, 3860185.12	3.73E-02	1.18E-05	4.99E-06	1.94E-02	6.11E-06	2.59E-06	1.89E-03	5.98E-07	3.44E-08	1.93E-03	6.08E-07	4.62E-08	5.00E-06	2.60E-06
695	490136.72, 3860185.12	3.63E-02	1.15E-05	4.87E-06	1.90E-02	5.98E-06	2.54E-06	1.96E-03	6.20E-07	3.56E-08	2.00E-03	6.31E-07	4.79E-08	4.88E-06	2.55E-06
696	490186.72, 3860185.12	3.55E-02	1.12E-05	4.75E-06	1.86E-02	5.87E-06	2.49E-06	2.03E-03	6.42E-07	3.69E-08	2.08E-03	6.55E-07	4.97E-08	4.77E-06	2.50E-06
697	490236.72, 3860185.12	3.47E-02	1.10E-05	4.65E-06	1.83E-02	5.77E-06	2.45E-06	2.11E-03	6.66E-07	3.83E-08	2.15E-03	6.80E-07	5.16E-08	4.66E-06	2.46E-06
698	490286.72, 3860185.12	3.41E-02	1.07E-05	4.56E-06	1.80E-02	5.68E-06	2.41E-06	2.19E-03	6.92E-07	3.98E-08	2.24E-03	7.07E-07	5.36E-08	4.57E-06	2.42E-06
699	490336.72, 3860185.12	3.34E-02	1.06E-05	4.48E-06	1.78E-02	5.60E-06	2.38E-06	2.28E-03	7.19E-07	4.13E-08	2.33E-03	7.36E-07	5.58E-08	4.49E-06	2.39E-06
700	490386.72, 3860185.12	3.29E-02	1.04E-05	4.41E-06	1.76E-02	5.54E-06	2.35E-06	2.37E-03	7.49E-07	4.31E-08	2.43E-03	7.66E-07	5.81E-08	4.42E-06	2.37E-06
701	490436.72, 3860185.12	3.25E-02	1.02E-05	4.35E-06	1.74E-02	5.49E-06	2.33E-06	2.48E-03	7.81E-07	4.49E-08	2.53E-03	8.00E-07	6.07E-08	4.36E-06	2.35E-06
702	490486.72, 3860185.12	3.21E-02	1.01E-05	4.30E-06	1.73E-02	5.46E-06	2.32E-06	2.59E-03	8.17E-07	4.70E-08	2.65E-03	8.36E-07	6.34E-08	4.31E-06	2.33E-06
703	490536.72, 3860185.12	3.18E-02	1.00E-05	4.26E-06	1.72E-02	5.44E-06	2.31E-06	2.72E-03	8.57E-07	4.93E-08	2.78E-03	8.77E-07	6.66E-08	4.28E-06	2.33E-06
704	490586.72, 3860185.12	3.16E-02	9.98E-06	4.23E-06	1.72E-02	5.44E-06	2.31E-06	2.86E-03	9.03E-07	5.20E-08	2.93E-03	9.25E-07	7.02E-08	4.25E-06	2.33E-06
705	490636.72, 3860185.12	3.15E-02	9.94E-06	4.22E-06	1.73E-02	5.46E-06	2.31E-06	3.02E-03	9.54E-07	5.49E-08	3.09E-03	9.77E-07	7.41E-08	4.24E-06	2.33E-06
706	490686.72, 3860185.12	3.15E-02	9.95E-06	4.22E-06	1.74E-02	5.50E-06	2.33E-06	3.21E-03	1.01E-06	5.83E-08	3.29E-03	1.04E-06	7.88E-08	4.24E-06	2.35E-06
707	490736.72, 3860185.12	3.16E-02	9.98E-06	4.23E-06	1.76E-02	5.55E-06	2.36E-06	3.42E-03	1.08E-06	6.21E-08	3.51E-03	1.11E-06	8.41E-08	4.26E-06	2.38E-06
708	490786.72, 3860185.12	3.19E-02	1.01E-05	4.27E-06	1.79E-02	5.65E-06	2.40E-06	3.68E-03	1.16E-06	6.67E-08	3.78E-03	1.19E-06	9.06E-08	4.29E-06	2.42E-06
709	490836.72, 3860185.12	3.23E-02	1.02E-05	4.32E-06	1.83E-02	5.77E-06	2.45E-06	3.98E-03	1.26E-06	7.23E-08	4.10E-03	1.30E-06	9.83E-08	4.35E-06	2.48E-06
710	490086.72, 3860235.12	3.61E-02	1.14E-05	4.83E-06	1.87E-02	5.90E-06	2.50E-06	1.76E-03	5.56E-07	3.20E-08	1.79E-03	5.66E-07	4.30E-08	4.84E-06	2.51E-06
711	490136.72, 3860235.12	3.51E-02	1.11E-05	4.70E-06	1.83E-02	5.77E-06	2.45E-06	1.82E-03	5.75E-07	3.30E-08	1.85E-03	5.85E-07	4.44E-08	4.71E-06	2.46E-06
712	490186.72, 3860235.12	3.43E-02	1.08E-05	4.59E-06	1.79E-02	5.65E-06	2.40E-06	1.88E-03	5.94E-07	3.42E-08	1.92E-03	6.06E-07	4.60E-08	4.60E-06	2.41E-06
713	490236.72, 3860235.12	3.35E-02	1.06E-05	4.48E-06	1.75E-02	5.54E-06	2.35E-06	1.95E-03	6.15E-07	3.53E-08	1.99E-03	6.27E-07	4.76E-08	4.49E-06	2.36E-06
714	490286.72, 3860235.12	3.28E-02	1.03E-05	4.39E-06	1.72E-02	5.44E-06	2.31E-06	2.02E-03	6.36E-07	3.66E-08	2.06E-03	6.50E-07	4.93E-08	4.40E-06	2.32E-06
715	490336.72, 3860235.12	3.21E-02	1.01E-05	4.30E-06	1.70E-02	5.36E-06	2.27E-06	2.09E-03	6.60E-07	3.79E-08	2.14E-03	6.75E-07	5.12E-08	4.31E-06	2.29E-06
716	490386.72, 3860235.12	3.16E-02	9.96E-06	4.23E-06	1.68E-02	5.29E-06	2.24E-06	2.17E-03	6.85E-07	3.94E-08	2.22E-03	7.01E-07	5.32E-08	4.24E-06	2.26E-06

717	490436.72, 3860235.12	3.11E-02	9.81E-06	4.16E-06	1.66E-02	5.23E-06	2.22E-06	2.26E-03	7.12E-07	4.10E-08	2.31E-03	7.29E-07	5.54E-08	4.18E-06	2.23E-06
718	490486.72, 3860235.12	3.07E-02	9.68E-06	4.11E-06	1.64E-02	5.19E-06	2.20E-06	2.35E-03	7.42E-07	4.27E-08	2.41E-03	7.60E-07	5.77E-08	4.12E-06	2.22E-06
719	490536.72, 3860235.12	3.03E-02	9.57E-06	4.06E-06	1.63E-02	5.16E-06	2.19E-06	2.46E-03	7.75E-07	4.46E-08	2.52E-03	7.94E-07	6.03E-08	4.07E-06	2.20E-06
720	490586.72, 3860235.12	3.01E-02	9.48E-06	4.02E-06	1.63E-02	5.14E-06	2.18E-06	2.57E-03	8.12E-07	4.67E-08	2.64E-03	8.32E-07	6.31E-08	4.04E-06	2.20E-06
721	490636.72, 3860235.12	2.99E-02	9.43E-06	4.00E-06	1.63E-02	5.14E-06	2.18E-06	2.71E-03	8.54E-07	4.91E-08	2.77E-03	8.75E-07	6.64E-08	4.02E-06	2.20E-06
722	490686.72, 3860235.12	2.98E-02	9.39E-06	3.98E-06	1.63E-02	5.15E-06	2.19E-06	2.85E-03	9.01E-07	5.18E-08	2.93E-03	9.24E-07	7.01E-08	4.00E-06	2.20E-06
723	490736.72, 3860235.12	2.97E-02	9.39E-06	3.98E-06	1.64E-02	5.19E-06	2.20E-06	3.02E-03	9.54E-07	5.49E-08	3.10E-03	9.79E-07	7.43E-08	4.00E-06	2.22E-06
724	490786.72, 3860235.12	2.98E-02	9.41E-06	3.99E-06	1.66E-02	5.24E-06	2.22E-06	3.22E-03	1.02E-06	5.84E-08	3.31E-03	1.04E-06	7.92E-08	4.01E-06	2.24E-06
725	490086.72, 3860285.12	3.48E-02	1.10E-05	4.66E-06	1.80E-02	5.68E-06	2.41E-06	1.65E-03	5.21E-07	3.00E-08	1.68E-03	5.30E-07	4.02E-08	4.67E-06	2.42E-06
726	490136.72, 3860285.12	3.38E-02	1.07E-05	4.53E-06	1.76E-02	5.54E-06	2.35E-06	1.70E-03	5.37E-07	3.09E-08	1.73E-03	5.47E-07	4.15E-08	4.54E-06	2.36E-06
727	490186.72, 3860285.12	3.29E-02	1.04E-05	4.41E-06	1.72E-02	5.42E-06	2.30E-06	1.75E-03	5.53E-07	3.18E-08	1.79E-03	5.64E-07	4.28E-08	4.42E-06	2.31E-06
728	490236.72, 3860285.12	3.22E-02	1.02E-05	4.31E-06	1.68E-02	5.31E-06	2.25E-06	1.81E-03	5.72E-07	3.29E-08	1.85E-03	5.83E-07	4.43E-08	4.32E-06	2.26E-06
729	490286.72, 3860285.12	3.14E-02	9.92E-06	4.21E-06	1.65E-02	5.21E-06	2.21E-06	1.87E-03	5.90E-07	3.39E-08	1.91E-03	6.03E-07	4.57E-08	4.22E-06	2.22E-06
730	490336.72, 3860285.12	3.08E-02	9.71E-06	4.12E-06	1.62E-02	5.12E-06	2.17E-06	1.93E-03	6.10E-07	3.51E-08	1.98E-03	6.24E-07	4.74E-08	4.13E-06	2.19E-06
731	490386.72, 3860285.12	3.02E-02	9.54E-06	4.05E-06	1.60E-02	5.05E-06	2.14E-06	2.00E-03	6.32E-07	3.64E-08	2.05E-03	6.48E-07	4.92E-08	4.06E-06	2.16E-06
732	490436.72, 3860285.12	2.97E-02	9.38E-06	3.98E-06	1.58E-02	4.99E-06	2.12E-06	2.08E-03	6.56E-07	3.77E-08	2.13E-03	6.72E-07	5.10E-08	3.99E-06	2.13E-06
733	490486.72, 3860285.12	2.93E-02	9.24E-06	3.92E-06	1.56E-02	4.94E-06	2.09E-06	2.16E-03	6.81E-07	3.92E-08	2.21E-03	6.99E-07	5.30E-08	3.93E-06	2.11E-06
734	490536.72, 3860285.12	2.89E-02	9.12E-06	3.87E-06	1.55E-02	4.89E-06	2.08E-06	2.25E-03	7.09E-07	4.08E-08	2.30E-03	7.27E-07	5.52E-08	3.88E-06	2.09E-06
735	490586.72, 3860285.12	2.86E-02	9.02E-06	3.83E-06	1.54E-02	4.87E-06	2.06E-06	2.34E-03	7.40E-07	4.25E-08	2.40E-03	7.59E-07	5.76E-08	3.84E-06	2.08E-06
736	490636.72, 3860285.12	2.83E-02	8.94E-06	3.79E-06	1.54E-02	4.85E-06	2.06E-06	2.45E-03	7.74E-07	4.45E-08	2.52E-03	7.94E-07	6.03E-08	3.81E-06	2.07E-06
737	490686.72, 3860285.12	2.82E-02	8.89E-06	3.77E-06	1.54E-02	4.85E-06	2.06E-06	2.58E-03	8.14E-07	4.68E-08	2.65E-03	8.35E-07	6.34E-08	3.79E-06	2.08E-06
738	490736.72, 3860285.12	2.81E-02	8.86E-06	3.76E-06	1.54E-02	4.87E-06	2.06E-06	2.72E-03	8.57E-07	4.93E-08	2.79E-03	8.80E-07	6.68E-08	3.78E-06	2.08E-06
739	490786.72, 3860285.12	2.81E-02	8.85E-06	3.76E-06	1.55E-02	4.90E-06	2.08E-06	2.88E-03	9.08E-07	5.22E-08	2.96E-03	9.33E-07	7.08E-08	3.78E-06	2.10E-06
740	490086.72, 3860335.12	3.34E-02	1.05E-05	4.47E-06	1.72E-02	5.44E-06	2.31E-06	1.56E-03	4.91E-07	2.83E-08	1.58E-03	5.00E-07	3.80E-08	4.48E-06	2.32E-06
741	490136.72, 3860335.12	3.24E-02	1.02E-05	4.34E-06	1.68E-02	5.31E-06	2.25E-06	1.60E-03	5.05E-07	2.91E-08	1.63E-03	5.15E-07	3.91E-08	4.35E-06	2.26E-06
742	490186.72, 3860335.12	3.16E-02	9.96E-06	4.23E-06	1.64E-02	5.18E-06	2.20E-06	1.65E-03	5.20E-07	2.99E-08	1.68E-03	5.29E-07	4.02E-08	4.24E-06	2.21E-06
743	490236.72, 3860335.12	3.08E-02	9.72E-06	4.12E-06	1.61E-02	5.08E-06	2.15E-06	1.69E-03	5.35E-07	3.08E-08	1.73E-03	5.46E-07	4.14E-08	4.13E-06	2.16E-06
744	490286.72, 3860335.12	3.01E-02	9.49E-06	4.03E-06	1.58E-02	4.98E-06	2.11E-06	1.75E-03	5.51E-07	3.17E-08	1.78E-03	5.63E-07	4.27E-08	4.04E-06	2.12E-06
745	490336.72, 3860335.12	2.94E-02	9.29E-06	3.94E-06	1.55E-02	4.89E-06	2.07E-06	1.80E-03	5.69E-07	3.27E-08	1.84E-03	5.82E-07	4.41E-08	3.95E-06	2.09E-06
746	490386.72, 3860335.12	2.89E-02	9.11E-06	3.86E-06	1.53E-02	4.81E-06	2.04E-06	1.86E-03	5.88E-07	3.38E-08	1.91E-03	6.02E-07	4.57E-08	3.88E-06	2.05E-06
747	490436.72, 3860335.12	2.84E-02	8.95E-06	3.80E-06	1.50E-02	4.75E-06	2.01E-06	1.93E-03	6.08E-07	3.50E-08	1.98E-03	6.24E-07	4.74E-08	3.81E-06	2.03E-06
748	490486.72, 3860335.12	2.79E-02	8.80E-06	3.73E-06	1.49E-02	4.69E-06	1.99E-06	2.00E-03	6.30E-07	3.63E-08	2.05E-03	6.47E-07	4.91E-08	3.75E-06	2.00E-06
749	490536.72, 3860335.12	2.75E-02	8.68E-06	3.68E-06	1.47E-02	4.65E-06	1.97E-06	2.07E-03	6.55E-07	3.76E-08	2.13E-03	6.72E-07	5.10E-08	3.70E-06	1.99E-06
750	490586.72, 3860335.12	2.72E-02	8.57E-06	3.64E-06	1.46E-02	4.61E-06	1.96E-06	2.16E-03	6.81E-07	3.92E-08	2.22E-03	7.00E-07	5.31E-08	3.65E-06	1.97E-06
751	490636.72, 3860335.12	2.69E-02	8.49E-06	3.60E-06	1.45E-02	4.59E-06	1.95E-06	2.25E-03	7.10E-07	4.09E-08	2.31E-03	7.30E-07	5.54E-08	3.62E-06	1.96E-06
752	490686.72, 3860335.12	2.67E-02	8.42E-06	3.57E-06	1.45E-02	4.58E-06	1.94E-06	2.36E-03	7.44E-07	4.28E-08	2.42E-03	7.64E-07	5.80E-08	3.59E-06	1.96E-06
753	490736.72, 3860335.12	2.65E-02	8.37E-06	3.55E-06	1.45E-02	4.58E-06	1.94E-06	2.47E-03	7.81E-07	4.49E-08	2.54E-03	8.02E-07	6.09E-08	3.57E-06	1.96E-06
754	490786.72, 3860335.12	2.65E-02	8.35E-06	3.54E-06	1.46E-02	4.60E-06	1.95E-06	2.61E-03	8.23E-07	4.73E-08	2.68E-03	8.46E-07	6.42E-08	3.56E-06	1.97E-06
755	490086.72, 3860385.12	3.18E-02	1.00E-05	4.26E-06	1.64E-02	5.19E-06	2.20E-06	1.48E-03	4.67E-07	2.68E-08	1.50E-03	4.75E-07	3.61E-08	4.27E-06	2.21E-06
756	490136.72, 3860385.12	3.09E-02	9.76E-06	4.14E-06	1.60E-02	5.06E-06	2.15E-06	1.52E-03	4.79E-07	2.75E-08	1.54E-03	4.87E-07	3.70E-08	4.15E-06	2.16E-06
757	490186.72, 3860385.12	3.01E-02	9.49E-06	4.03E-06	1.56E-02	4.94E-06	2.10E-06	1.56E-03	4.91E-07	2.82E-08	1.58E-03	5.00E-07	3.80E-08	4.04E-06	2.11E-06
758	490236.72, 3860385.12	2.93E-02	9.26E-06	3.93E-06	1.53E-02	4.83E-06	2.05E-06	1.60E-03	5.04E-07	2.90E-08	1.63E-03	5.14E-07	3.90E-08	3.94E-06	2.06E-06
759	490286.72, 3860385.12	2.87E-02	9.04E-06	3.84E-06	1.50E-02	4.74E-06	2.01E-06	1.64E-03	5.19E-07	2.98E-08	1.68E-03	5.30E-07	4.02E-08	3.85E-06	2.02E-06
760	490336.72, 3860385.12	2.80E-02	8.85E-06	3.75E-06	1.47E-02	4.65E-06	1.97E-06	1.69E-03	5.34E-07	3.07E-08	1.73E-03	5.46E-07	4.14E-08	3.76E-06	1.98E-06
761	490386.72, 3860385.12	2.75E-02	8.67E-06	3.68E-06	1.45E-02	4.58E-06	1.94E-06	1.74E-03	5.50E-07	3.16E-08	1.79E-03	5.64E-07	4.28E-08	3.69E-06	1.95E-06
762	490436.72, 3860385.12	2.70E-02	8.51E-06	3.61E-06	1.43E-02	4.51E-06	1.91E-06	1.80E-03	5.69E-07	3.27E-08	1.85E-03	5.83E-07	4.42E-08	3.62E-06	1.93E-06
763	490486.72, 3860385.12	2.65E-02	8.38E-06	3.55E-06	1.41E-02	4.46E-06	1.89E-06	1.86E-03	5.88E-07	3.38E-08	1.91E-03	6.03E-07	4.58E-08	3.57E-06	1.90E-06
764	490536.72, 3860385.12	2.61E-02	8.25E-06	3.50E-06	1.40E-02	4.41E-06	1.87E-06	1.93E-03	6.09E-07	3.50E-08	1.98E-03	6.25E-07	4.75E-08	3.51E-06	1.88E-06
765	490586.72, 3860385.12	2.58E-02	8.14E-06	3.45E-06	1.38E-02	4.37E-06	1.85E-06	2.00E-03	6.32E-07	3.64E-08	2.06E-03	6.50E-07	4.93E-08	3.47E-06	1.87E-06
766	490636.72, 3860385.12	2.55E-02	8.05E-06	3.42E-06	1.38E-02	4.34E-06	1.84E-06	2.08E-03	6.58E-07	3.78E-08	2.14E-03	6.76E-07	5.13E-08	3.43E-06	1.86E-06
767	490686.72, 3860385.12	2.53E-02	7.98E-06	3.39E-06	1.37E-02	4.33E-06	1.84E-06	2.17E-03	6.86E-07	3.95E-08	2.23E-03	7.05E-07	5.35E-08	3.40E-06	1.85E-06
768	490736.72, 3860385.12	2.51E-02	7.92E-06	3.36E-06	1.37E-02	4.32E-06	1.83E-06	2.27E-03	7.17E-07	4.13E-08	2.34E-03	7.38E-07	5.60E-08	3.37E-06	1.85E-06
769	490786.72, 3860385.12	2.50E-02	7.88E-06	3.34E-06	1.37E-02	4.32E-06	1.83E-06	2.39E-03	7.53E-07	4.33E-08	2.45E-03	7.74E-07	5.88E-08	3.36E-06	1.85E-06
770	490136.72, 3860435.12	2.93E-02	9.25E-06	3.92E-06	1.52E-02	4.80E-06	2.03E-06	1.44E-03	4.56E-07	2.62E-08	1.47E-03	4.65E-07	3.53E-08	3.93E-06	2.04E-06
771	490186.72, 3860435.12	2.85E-02	9.01E-06	3.82E-06	1.48E-02	4.69E-06	1.99E-06	1.48E-03	4.67E-07	2.69E-08	1.51E-03	4.76E-07	3.61E-08	3.83E-06	2.00E-06
772	490236.72, 3860435.12	2.78E-02	8.78E-06	3.73E-06	1.45E-02	4.58E-06	1.94E-06	1.52E-03	4.79E-07	2.75E-08	1.55E-03	4.88E-07	3.71E-08	3.74E-06	1.95E-06
773	490286.72, 3860435.12	2.72E-02	8.58E-06	3.64E-06	1.42E-02	4.49E-06	1.91E-06	1.56E-03	4.91E-07	2.82E-08	1.59E-03	5.01E-07	3.80E-08	3.65E-06	1.92E-06
774	490336.72, 3860435.12	2.66E-02	8.39E-06	3.56E-06	1.40E-02	4.41E-06	1.87E-06	1.60E-03	5.04E-07	2.90E-08	1.63E-03	5.15E-07	3.91E-08	3.57E-06	1.88E-06
775	490386.72, 3860435.12	2.61E-02	8.23E-06	3.49E-06	1.38E-02	4.34E-06	1.84E-06	1.64E-03	5.19E-07	2.99E-08	1.68E-03	5.31E-07	4.03E-08	3.50E-06	1.85E-06
776	490436.72, 3860435.12	2.56E-02	8.07E-06	3.43E-06	1.35E-02	4.27E-06	1.81E-06	1.69E-03	5.34E-07	3.07E-08	1.74E-03	5.48E-07	4.16E-08	3.44E-06	1.82E-06
777	490486.72, 3860435.12	2.52E-02	7.94E-06	3.37E-06	1.34E-02	4.22E-06	1.79E-06	1.75E-03	5.52E-07	3.17E-08	1.79E-03	5.66E-07	4.29E-08	3.38E-06	1.80E-06
778	490536.72, 3860435.12	2.48E-02	7.82E-06	3.32E-06	1.32E-02	4.18E-06	1.77E-06	1.81E-03	5.70E-07	3.28E-08	1.86E-03	5.86E-07	4.45E-08	3.33E-06	1.78E-06
779	490586.72, 3860435.12	2.45E-02	7.72E-06	3.27E-06	1.31E-02	4.14E-06	1.76E-06	1.87E-03	5.90E-07	3.40E-08	1.92E-03	6.07E-07	4.61E-08	3.29E-06	1.77E-06
780	490636.72, 3860435.12	2.42E-02	7.62E-06	3.23E-06	1.30E-02	4.11E-06	1.74E-06	1.94E-03	6.13E-07	3.52E-08	2.00E-03	6.30E-07	4.78E-08	3.25E-06	1.75E-06
781	490686.72, 3860435.12	2.39E-02	7.55E-06	3.20E-06	1.29E-02	4.08E-06	1.73E-06	2.02E-03	6.37E-07	3.67E-08	2.08E-03	6.55E-07	4.97E-08	3.22E-06	1.75E-06
782	490736.72, 3860435.12	2.37E-02	7.49E-06	3.18E-06	1.29E-02	4.07E-06	1.73E-06	2.11E-03	6.64E-07	3.82E-08	2.17E-03	6.84E-07	5.19E-08	3.19E-06	1.74E-06
783	490786.72, 3860435.12	2.36E-02	7.43E-06	3.15E-06	1.29E-02	4.07E-06	1.73E-06	2.20E-03	6.95E-07	4.00E-08	2.27E-03	7.15E-07	5.43E-08	3.17E-06	1.74E-06
784	490136.72, 3860485.12	2.76E-02	8.72E-06	3.70E-06	1.43E-02	4.53E-06	1.92E-06	1.39E-03	4.38E-07	2.52E-08	1.41E-03	4.46E-07	3.39E-08	3.71E-06	1.93E-06
785	490186.72, 3860485.12	2.69E-02	8.50E-06	3.60E-06	1.40E-02	4.42E-06	1.88E-06	1.42E-03	4.47E-07	2.57E-08	1.44E-03	4.56E-07	3.46E-08	3.61E-06	1.89E-06
786	490236.72, 3860485.12	2.63E-02	8.29E-06	3.52E-06	1.37E-02	4.33E-06	1.84E-06	1.45E-03	4.57E-07	2.63E-08	1.48E-03	4.66E-07	3.54E-08	3.53E-06	1.85E-06
787	490286.72, 3860485.12	2.57E-02	8.10E-06	3.44E-06	1.35E-02	4.25E-06	1.80E-06	1.48E-03	4.68E-07	2.69E-08	1.51E-03	4.78E-07	3.63E-08	3.45E-06	1.81E-06
788	490336.72, 3860485.12	2.51E-02	7.93E-06	3.37E-06	1.32E-02	4.17E-06	1.77E-06	1.52E-03	4.80E-07	2.76E-08	1.55E-03	4.90E-07	3.72E-08	3.38E-06	1.78E-06
789	490386.72, 3860485.12	2.46E-02	7.78E-06	3.30E-06	1.30E-02	4.10E-06	1.74E-06	1.56E-03	4.93E-07	2.84E-08	1.60E-03	5.04E-07	3.82E-08	3.31E-06	1.75E-06
790	490436.72, 3860485.12	2.42E-02	7.64E-06	3.24E-06	1.28E-02	4.05E-06	1.72E-06	1.61E-03	5.07E-07	2.91E-08	1.64E-03	5.19E-07	3.94E-08	3.25E-06	1.73E-06
791	490486.72, 3860485.12	2.38E-02	7.52E-06	3.19E-06	1.27E-02	3.99E-06	1.69E-06	1.65E-03	5.22E-07	3.00E-08	1.69E-03	5.35E-07	4.06E-08	3.20E-06	1.71E-06
792	490536.72, 3860485.12	2.34E-02	7.40E-06	3.14E-06	1.25E-02	3.95E-06	1.68E-06	1.70E-03	5.37E-07	3.09E-08	1.75E-03	5.52E-07	4.19E-08	3.15E-06	1.69E-06
793	490586.72, 3860485.12	2.31E-02	7.30E-06	3.10E-06	1.24E-02	3.91E-06	1.66E-06	1.76E-03	5.55E-07	3.19E-08	1.81E-03	5.70E-07	4.33E-08	3.11E-06	1.67E-06
794	490636.72, 3860485.12	2.28E-02	7.21E-06	3.06E-06	1.23E-02	3.88E-06	1.65E-06	1.82E-03	5.75E-07	3.30E-08	1.87E-03	5.91E-07	4.48E-08	3.07E-06	1.66E-06
795	490686.72, 3860485.12	2.26E-02	7.13E-06	3.03E-06	1.22E-02	3.86E-06	1.64E-06	1.89E-03	5.95E-07	3.42E-08	1.94E-03	6.13E-07	4.65E-08	3.04E-06	1.65E-06
796	490736.72, 3860485.12	2.24E-02	7.07E-06	3.00E-06	1.22E-02	3.84E-06	1.63E-06	1.96E-03	6.20E-07	3.56E-08	2.02E-03	6.38E-07	4.84E-08	3.01E-06	1.64E-06
797	490786.72, 3860485.12	2.22E-02	7.01E-06	2.98E-06	1.21E-02	3.83E-06	1.63E-06	2.05E-03	6.46E-07	3.71E-08	2.11E-03	6.65E-07	5.05E-08	2.99E-06	1.64E-06
798	490136.72, 3860535.12	2.59E-02	8.18E-06	3.47E-06	1.35E-02	4.25E-06	1.80E-06	1.33E-03	4.21E-07	2.42E-08	1.36E-03	4.30E-07	3.26E-08	3.48E-06	1.81E-06
799	490186.72, 3860535.12	2.53E-02	7.99E-06	3.39E-06	1.32E-02	4.16E-06	1.77E-06	1.36E-03	4.30E-07	2.47E-08	1.39E-03	4.39E-07	3.33E-08	3.40E-06	1.78E-06
800	490236.72, 3860535.12	2.47E-02	7.80E-06	3.31E-06	1.29E-02	4.08E-06	1.73E-06	1.39E-03	4.40E-07	2.53E-08	1.42E-03	4.48E-07	3.40E-08	3.32E-06	1.74E-06
801	490286.72, 3860535.12	2.42E-02	7.63E-06	3.24E-06	1.27E-02	4.00E-06	1.70E-06	1.42E-03	4.49E-07	2.58E-08	1.45E-03	4.58E-07	3.48E-08	3.24E-06	1.71E-06
802	490336.72, 3860535.12	2.37E-02	7.47E-06	3.17E-06	1.25E-02	3.94E-06	1.67E-06	1.46E-03	4.60E-07	2.64E-08	1.49E-03	4.69E-07	3.56E-08	3.18E-06	1.68E-06
803	490386.72, 3860535.12	2.33E-02	7.34E-06	3.11E-06	1.23E-02	3.88E-06	1.65E-06	1.49E-03	4.71E-07	2.71E-08	1.52E-03	4.81E-07	3.65E-08	3.12E-06	1.65E-06
804	490436.72, 3860535.12	2.29E-02	7.22E-06	3.06E-06	1.21E-02	3.82E-06	1.62E-06	1.53E-03	4.83E-07	2.78E-08	1.57E-03	4.95E-07	3.75E-08	3.07E-06	1.63E-06
805	490486.72, 3860535.12	2.25E-02	7.10E-06	3.01E-06	1.20E-02	3.78E-06	1.60E-06	1.57E-03	4.96E-07	2.85E-08	1.61E-03	5.08E-07	3.86E-08	3.02E-06	1.61E-06
806	490536.72, 3860535.12	2.22E-02	7.01E-06	2.97E-06	1.19E-02	3.74E-06	1.59E-06	1.62E-03	5.11E-07	2.94E-08	1.66E-03	5.24E-07	3.98E-08	2.98E-06	1.60E-06

807	490586.72, 3860535.12	2.19E-02	6.90E-06	2.93E-06	1.17E-02	3.70E-06	1.57E-06	1.67E-03	5.26E-07	3.02E-08	1.71E-03	5.40E-07	4.10E-08	2.94E-06	1.58E-06
808	490636.72, 3860535.12	2.16E-02	6.82E-06	2.89E-06	1.16E-02	3.67E-06	1.56E-06	1.72E-03	5.42E-07	3.12E-08	1.77E-03	5.57E-07	4.23E-08	2.90E-06	1.57E-06
809	490686.72, 3860535.12	2.14E-02	6.74E-06	2.86E-06	1.15E-02	3.64E-06	1.55E-06	1.78E-03	5.61E-07	3.22E-08	1.83E-03	5.77E-07	4.38E-08	2.87E-06	1.56E-06
810	490736.72, 3860535.12	2.11E-02	6.67E-06	2.83E-06	1.15E-02	3.62E-06	1.54E-06	1.84E-03	5.81E-07	3.34E-08	1.90E-03	5.98E-07	4.54E-08	2.84E-06	1.55E-06
811	490786.72, 3860535.12	2.10E-02	6.62E-06	2.81E-06	1.14E-02	3.61E-06	1.53E-06	1.91E-03	6.04E-07	3.47E-08	1.97E-03	6.22E-07	4.72E-08	2.82E-06	1.54E-06
812	490136.72, 3860585.12	2.42E-02	7.64E-06	3.24E-06	1.26E-02	3.98E-06	1.69E-06	1.29E-03	4.06E-07	2.34E-08	1.31E-03	4.15E-07	3.15E-08	3.25E-06	1.70E-06
813	490186.72, 3860585.12	2.36E-02	7.45E-06	3.16E-06	1.23E-02	3.89E-06	1.65E-06	1.31E-03	4.14E-07	2.38E-08	1.34E-03	4.22E-07	3.21E-08	3.17E-06	1.66E-06
814	490236.72, 3860585.12	2.31E-02	7.30E-06	3.10E-06	1.21E-02	3.82E-06	1.62E-06	1.34E-03	4.23E-07	2.43E-08	1.37E-03	4.32E-07	3.28E-08	3.10E-06	1.63E-06
815	490286.72, 3860585.12	2.27E-02	7.16E-06	3.04E-06	1.19E-02	3.76E-06	1.60E-06	1.37E-03	4.32E-07	2.49E-08	1.40E-03	4.41E-07	3.35E-08	3.04E-06	1.60E-06
816	490336.72, 3860585.12	2.23E-02	7.02E-06	2.98E-06	1.17E-02	3.70E-06	1.57E-06	1.40E-03	4.42E-07	2.54E-08	1.43E-03	4.51E-07	3.43E-08	2.99E-06	1.58E-06
817	490386.72, 3860585.12	2.19E-02	6.90E-06	2.93E-06	1.16E-02	3.65E-06	1.55E-06	1.43E-03	4.52E-07	2.60E-08	1.46E-03	4.62E-07	3.50E-08	2.94E-06	1.56E-06
818	490436.72, 3860585.12	2.16E-02	6.80E-06	2.89E-06	1.14E-02	3.61E-06	1.53E-06	1.47E-03	4.63E-07	2.66E-08	1.50E-03	4.74E-07	3.60E-08	2.90E-06	1.54E-06
819	490486.72, 3860585.12	2.13E-02	6.71E-06	2.85E-06	1.13E-02	3.57E-06	1.52E-06	1.51E-03	4.75E-07	2.73E-08	1.54E-03	4.86E-07	3.69E-08	2.86E-06	1.53E-06
820	490536.72, 3860585.12	2.09E-02	6.61E-06	2.80E-06	1.12E-02	3.53E-06	1.50E-06	1.55E-03	4.88E-07	2.81E-08	1.58E-03	5.00E-07	3.80E-08	2.81E-06	1.51E-06
821	490586.72, 3860585.12	2.06E-02	6.51E-06	2.76E-06	1.11E-02	3.49E-06	1.48E-06	1.59E-03	5.01E-07	2.88E-08	1.63E-03	5.14E-07	3.90E-08	2.77E-06	1.49E-06
822	490636.72, 3860585.12	2.04E-02	6.44E-06	2.73E-06	1.10E-02	3.47E-06	1.47E-06	1.63E-03	5.16E-07	2.97E-08	1.68E-03	5.30E-07	4.02E-08	2.74E-06	1.48E-06
823	490686.72, 3860585.12	2.02E-02	6.36E-06	2.70E-06	1.09E-02	3.44E-06	1.46E-06	1.68E-03	5.31E-07	3.06E-08	1.73E-03	5.47E-07	4.15E-08	2.71E-06	1.47E-06
824	490736.72, 3860585.12	2.00E-02	6.30E-06	2.67E-06	1.08E-02	3.42E-06	1.45E-06	1.74E-03	5.49E-07	3.16E-08	1.79E-03	5.66E-07	4.29E-08	2.69E-06	1.46E-06
825	490786.72, 3860585.12	1.98E-02	6.25E-06	2.65E-06	1.08E-02	3.41E-06	1.45E-06	1.80E-03	5.69E-07	3.27E-08	1.86E-03	5.86E-07	4.45E-08	2.66E-06	1.46E-06
826	490136.72, 3860635.12	2.26E-02	7.12E-06	3.02E-06	1.18E-02	3.72E-06	1.58E-06	1.24E-03	3.91E-07	2.25E-08	1.27E-03	4.00E-07	3.03E-08	3.03E-06	1.59E-06
827	490186.72, 3860635.12	2.21E-02	6.96E-06	2.95E-06	1.16E-02	3.65E-06	1.55E-06	1.27E-03	3.99E-07	2.30E-08	1.29E-03	4.08E-07	3.10E-08	2.96E-06	1.56E-06
828	490236.72, 3860635.12	2.16E-02	6.81E-06	2.89E-06	1.13E-02	3.58E-06	1.52E-06	1.29E-03	4.08E-07	2.35E-08	1.32E-03	4.16E-07	3.16E-08	2.90E-06	1.53E-06
829	490286.72, 3860635.12	2.12E-02	6.69E-06	2.84E-06	1.12E-02	3.53E-06	1.50E-06	1.32E-03	4.16E-07	2.39E-08	1.35E-03	4.25E-07	3.23E-08	2.85E-06	1.50E-06
830	490336.72, 3860635.12	2.08E-02	6.58E-06	2.79E-06	1.10E-02	3.48E-06	1.48E-06	1.35E-03	4.26E-07	2.45E-08	1.38E-03	4.34E-07	3.30E-08	2.80E-06	1.48E-06
831	490386.72, 3860635.12	2.05E-02	6.48E-06	2.75E-06	1.09E-02	3.43E-06	1.46E-06	1.38E-03	4.35E-07	2.50E-08	1.41E-03	4.45E-07	3.37E-08	2.76E-06	1.47E-06
832	490436.72, 3860635.12	2.02E-02	6.38E-06	2.71E-06	1.08E-02	3.39E-06	1.44E-06	1.41E-03	4.45E-07	2.56E-08	1.44E-03	4.55E-07	3.45E-08	2.72E-06	1.45E-06
833	490486.72, 3860635.12	1.99E-02	6.29E-06	2.67E-06	1.06E-02	3.36E-06	1.42E-06	1.45E-03	4.56E-07	2.62E-08	1.48E-03	4.67E-07	3.54E-08	2.68E-06	1.43E-06
834	490536.72, 3860635.12	1.97E-02	6.22E-06	2.64E-06	1.05E-02	3.33E-06	1.41E-06	1.48E-03	4.68E-07	2.69E-08	1.52E-03	4.79E-07	3.64E-08	2.65E-06	1.42E-06
835	490586.72, 3860635.12	1.95E-02	6.14E-06	2.61E-06	1.05E-02	3.30E-06	1.40E-06	1.52E-03	4.80E-07	2.76E-08	1.56E-03	4.92E-07	3.73E-08	2.61E-06	1.41E-06
836	490636.72, 3860635.12	1.92E-02	6.07E-06	2.57E-06	1.04E-02	3.27E-06	1.39E-06	1.56E-03	4.93E-07	2.84E-08	1.60E-03	5.06E-07	3.84E-08	2.58E-06	1.40E-06
837	490686.72, 3860635.12	1.90E-02	6.01E-06	2.55E-06	1.03E-02	3.25E-06	1.38E-06	1.61E-03	5.07E-07	2.92E-08	1.65E-03	5.21E-07	3.96E-08	2.56E-06	1.39E-06
838	490736.72, 3860635.12	1.88E-02	5.95E-06	2.52E-06	1.02E-02	3.23E-06	1.37E-06	1.66E-03	5.23E-07	3.01E-08	1.70E-03	5.38E-07	4.08E-08	2.53E-06	1.38E-06
839	490786.72, 3860635.12	1.87E-02	5.90E-06	2.50E-06	1.02E-02	3.22E-06	1.37E-06	1.71E-03	5.40E-07	3.11E-08	1.76E-03	5.56E-07	4.22E-08	2.51E-06	1.38E-06
840	490136.72, 3860685.12	2.09E-02	6.60E-06	2.80E-06	1.09E-02	3.45E-06	1.47E-06	1.19E-03	3.77E-07	2.17E-08	1.22E-03	3.85E-07	2.92E-08	2.81E-06	1.47E-06
841	490186.72, 3860685.12	2.06E-02	6.49E-06	2.75E-06	1.08E-02	3.41E-06	1.45E-06	1.22E-03	3.84E-07	2.21E-08	1.24E-03	3.93E-07	2.98E-08	2.76E-06	1.45E-06
842	490236.72, 3860685.12	2.02E-02	6.36E-06	2.70E-06	1.06E-02	3.35E-06	1.42E-06	1.24E-03	3.93E-07	2.26E-08	1.27E-03	4.01E-07	3.04E-08	2.71E-06	1.43E-06
843	490286.72, 3860685.12	1.98E-02	6.24E-06	2.65E-06	1.04E-02	3.30E-06	1.40E-06	1.27E-03	4.00E-07	2.30E-08	1.30E-03	4.09E-07	3.10E-08	2.66E-06	1.41E-06
844	490336.72, 3860685.12	1.95E-02	6.15E-06	2.61E-06	1.03E-02	3.26E-06	1.38E-06	1.30E-03	4.09E-07	2.35E-08	1.33E-03	4.18E-07	3.18E-08	2.62E-06	1.39E-06
845	490386.72, 3860685.12	1.92E-02	6.07E-06	2.57E-06	1.02E-02	3.22E-06	1.37E-06	1.33E-03	4.19E-07	2.41E-08	1.35E-03	4.28E-07	3.25E-08	2.58E-06	1.38E-06
846	490436.72, 3860685.12	1.90E-02	5.98E-06	2.54E-06	1.01E-02	3.19E-06	1.35E-06	1.36E-03	4.28E-07	2.46E-08	1.39E-03	4.37E-07	3.32E-08	2.55E-06	1.36E-06
847	490486.72, 3860685.12	1.87E-02	5.91E-06	2.51E-06	1.00E-02	3.16E-06	1.34E-06	1.39E-03	4.39E-07	2.52E-08	1.42E-03	4.48E-07	3.40E-08	2.52E-06	1.35E-06
848	490536.72, 3860685.12	1.85E-02	5.84E-06	2.48E-06	9.92E-03	3.13E-06	1.33E-06	1.42E-03	4.49E-07	2.58E-08	1.46E-03	4.60E-07	3.49E-08	2.49E-06	1.34E-06
849	490586.72, 3860685.12	1.83E-02	5.78E-06	2.45E-06	9.85E-03	3.11E-06	1.32E-06	1.46E-03	4.61E-07	2.65E-08	1.50E-03	4.72E-07	3.58E-08	2.46E-06	1.33E-06
850	490636.72, 3860685.12	1.81E-02	5.72E-06	2.43E-06	9.79E-03	3.09E-06	1.31E-06	1.50E-03	4.73E-07	2.72E-08	1.54E-03	4.85E-07	3.68E-08	2.44E-06	1.32E-06
851	490686.72, 3860685.12	1.80E-02	5.67E-06	2.41E-06	9.74E-03	3.07E-06	1.30E-06	1.54E-03	4.87E-07	2.80E-08	1.58E-03	4.99E-07	3.79E-08	2.42E-06	1.31E-06
852	490736.72, 3860685.12	1.78E-02	5.62E-06	2.38E-06	9.69E-03	3.06E-06	1.30E-06	1.59E-03	5.00E-07	2.88E-08	1.63E-03	5.14E-07	3.90E-08	2.39E-06	1.31E-06
853	490786.72, 3860685.12	1.77E-02	5.58E-06	2.37E-06	9.65E-03	3.05E-06	1.29E-06	1.63E-03	5.16E-07	2.97E-08	1.68E-03	5.31E-07	4.03E-08	2.38E-06	1.30E-06
854	490136.72, 3860735.12	1.93E-02	6.09E-06	2.58E-06	1.01E-02	3.20E-06	1.36E-06	1.15E-03	3.62E-07	2.08E-08	1.17E-03	3.70E-07	2.81E-08	2.59E-06	1.36E-06
855	490186.72, 3860735.12	1.90E-02	5.99E-06	2.54E-06	9.99E-03	3.15E-06	1.34E-06	1.17E-03	3.69E-07	2.12E-08	1.19E-03	3.77E-07	2.86E-08	2.55E-06	1.35E-06
856	490236.72, 3860735.12	1.87E-02	5.90E-06	2.50E-06	9.87E-03	3.11E-06	1.32E-06	1.19E-03	3.77E-07	2.17E-08	1.22E-03	3.85E-07	2.92E-08	2.51E-06	1.33E-06
857	490286.72, 3860735.12	1.84E-02	5.82E-06	2.47E-06	9.76E-03	3.08E-06	1.31E-06	1.22E-03	3.85E-07	2.21E-08	1.25E-03	3.93E-07	2.98E-08	2.48E-06	1.31E-06
858	490336.72, 3860735.12	1.82E-02	5.74E-06	2.43E-06	9.65E-03	3.05E-06	1.29E-06	1.25E-03	3.93E-07	2.26E-08	1.27E-03	4.02E-07	3.05E-08	2.44E-06	1.30E-06
859	490386.72, 3860735.12	1.80E-02	5.67E-06	2.41E-06	9.57E-03	3.02E-06	1.28E-06	1.28E-03	4.02E-07	2.31E-08	1.30E-03	4.11E-07	3.12E-08	2.41E-06	1.29E-06
860	490436.72, 3860735.12	1.78E-02	5.61E-06	2.38E-06	9.50E-03	3.00E-06	1.27E-06	1.30E-03	4.12E-07	2.37E-08	1.33E-03	4.21E-07	3.19E-08	2.39E-06	1.28E-06
861	490486.72, 3860735.12	1.76E-02	5.55E-06	2.35E-06	9.41E-03	2.97E-06	1.26E-06	1.34E-03	4.22E-07	2.43E-08	1.36E-03	4.31E-07	3.27E-08	2.36E-06	1.27E-06
862	490536.72, 3860735.12	1.74E-02	5.48E-06	2.33E-06	9.34E-03	2.95E-06	1.25E-06	1.37E-03	4.31E-07	2.48E-08	1.40E-03	4.41E-07	3.35E-08	2.33E-06	1.26E-06
863	490586.72, 3860735.12	1.72E-02	5.43E-06	2.30E-06	9.27E-03	2.93E-06	1.24E-06	1.40E-03	4.42E-07	2.54E-08	1.43E-03	4.52E-07	3.43E-08	2.31E-06	1.25E-06
864	490636.72, 3860735.12	1.70E-02	5.38E-06	2.28E-06	9.22E-03	2.91E-06	1.23E-06	1.44E-03	4.53E-07	2.61E-08	1.47E-03	4.65E-07	3.53E-08	2.29E-06	1.24E-06
865	490686.72, 3860735.12	1.69E-02	5.34E-06	2.26E-06	9.18E-03	2.90E-06	1.23E-06	1.48E-03	4.66E-07	2.68E-08	1.51E-03	4.78E-07	3.63E-08	2.27E-06	1.24E-06
866	490736.72, 3860735.12	1.68E-02	5.30E-06	2.25E-06	9.16E-03	2.89E-06	1.23E-06	1.52E-03	4.80E-07	2.76E-08	1.56E-03	4.93E-07	3.74E-08	2.26E-06	1.24E-06
867	490136.72, 3860785.12	1.78E-02	5.62E-06	2.38E-06	9.37E-03	2.96E-06	1.25E-06	1.10E-03	3.47E-07	2.00E-08	1.12E-03	3.55E-07	2.69E-08	2.39E-06	1.26E-06
868	490186.72, 3860785.12	1.76E-02	5.54E-06	2.35E-06	9.27E-03	2.93E-06	1.24E-06	1.12E-03	3.54E-07	2.04E-08	1.15E-03	3.62E-07	2.75E-08	2.36E-06	1.25E-06
869	490236.72, 3860785.12	1.73E-02	5.47E-06	2.32E-06	9.17E-03	2.89E-06	1.23E-06	1.15E-03	3.61E-07	2.08E-08	1.17E-03	3.69E-07	2.80E-08	2.33E-06	1.24E-06
870	490286.72, 3860785.12	1.71E-02	5.40E-06	2.29E-06	9.08E-03	2.87E-06	1.22E-06	1.17E-03	3.69E-07	2.12E-08	1.19E-03	3.77E-07	2.86E-08	2.30E-06	1.22E-06
871	490336.72, 3860785.12	1.69E-02	5.34E-06	2.27E-06	9.01E-03	2.84E-06	1.21E-06	1.20E-03	3.77E-07	2.17E-08	1.22E-03	3.85E-07	2.92E-08	2.27E-06	1.21E-06
872	490386.72, 3860785.12	1.68E-02	5.29E-06	2.24E-06	8.95E-03	2.82E-06	1.20E-06	1.22E-03	3.86E-07	2.22E-08	1.25E-03	3.94E-07	2.99E-08	2.25E-06	1.21E-06
873	490436.72, 3860785.12	1.66E-02	5.24E-06	2.22E-06	8.89E-03	2.81E-06	1.19E-06	1.25E-03	3.95E-07	2.27E-08	1.28E-03	4.03E-07	3.06E-08	2.23E-06	1.20E-06
874	490486.72, 3860785.12	1.65E-02	5.19E-06	2.20E-06	8.84E-03	2.79E-06	1.18E-06	1.28E-03	4.04E-07	2.33E-08	1.31E-03	4.13E-07	3.14E-08	2.21E-06	1.19E-06
875	490536.72, 3860785.12	1.63E-02	5.14E-06	2.18E-06	8.78E-03	2.77E-06	1.18E-06	1.31E-03	4.14E-07	2.38E-08	1.34E-03	4.23E-07	3.21E-08	2.19E-06	1.18E-06
876	490586.72, 3860785.12	1.61E-02	5.10E-06	2.16E-06	8.72E-03	2.75E-06	1.17E-06	1.34E-03	4.24E-07	2.44E-08	1.37E-03	4.33E-07	3.29E-08	2.17E-06	1.18E-06
877	490636.72, 3860785.12	1.60E-02	5.06E-06	2.15E-06	8.69E-03	2.74E-06	1.16E-06	1.38E-03	4.35E-07	2.50E-08	1.41E-03	4.45E-07	3.37E-08	2.15E-06	1.17E-06
878	490686.72, 3860785.12	1.59E-02	5.02E-06	2.13E-06	8.65E-03	2.73E-06	1.16E-06	1.41E-03	4.46E-07	2.56E-08	1.45E-03	4.57E-07	3.47E-08	2.14E-06	1.17E-06
879	490736.72, 3860785.12	1.58E-02	4.99E-06	2.12E-06	8.63E-03	2.72E-06	1.16E-06	1.45E-03	4.59E-07	2.64E-08	1.49E-03	4.71E-07	3.57E-08	2.13E-06	1.17E-06
880	490086.72, 3860835.12	1.66E-02	5.24E-06	2.22E-06	8.76E-03	2.76E-06	1.17E-06	1.04E-03	3.27E-07	1.88E-08	1.06E-03	3.35E-07	2.54E-08	2.23E-06	1.18E-06
881	490136.72, 3860835.12	1.64E-02	5.18E-06	2.20E-06	8.68E-03	2.74E-06	1.16E-06	1.06E-03	3.34E-07	1.92E-08	1.08E-03	3.42E-07	2.59E-08	2.21E-06	1.17E-06
882	490186.72, 3860835.12	1.62E-02	5.13E-06	2.17E-06	8.60E-03	2.71E-06	1.15E-06	1.08E-03	3.40E-07	1.96E-08	1.10E-03	3.48E-07	2.64E-08	2.18E-06	1.16E-06
883	490236.72, 3860835.12	1.61E-02	5.07E-06	2.15E-06	8.53E-03	2.69E-06	1.14E-06	1.10E-03	3.47E-07	2.00E-08	1.12E-03	3.55E-07	2.69E-08	2.16E-06	1.15E-06
884	490286.72, 3860835.12	1.59E-02	5.02E-06	2.13E-06	8.47E-03	2.67E-06	1.13E-06	1.12E-03	3.54E-07	2.04E-08	1.15E-03	3.62E-07	2.75E-08	2.14E-06	1.14E-06
885	490336.72, 3860835.12	1.58E-02	4.97E-06	2.11E-06	8.41E-03	2.65E-06	1.13E-06	1.15E-03	3.62E-07	2.08E-08	1.17E-03	3.69E-07	2.80E-08	2.12E-06	1.13E-06
886	490386.72, 3860835.12	1.56E-02	4.93E-06	2.09E-06	8.36E-03	2.64E-06	1.12E-06	1.17E-03	3.70E-07	2.13E-08	1.20E-03	3.78E-07	2.87E-08	2.10E-06	1.13E-06
887	490436.72, 3860835.12	1.55E-02	4.89E-06	2.07E-06	8.32E-03	2.62E-06	1.11E-06	1.20E-03	3.78E-07	2.18E-08	1.22E-03	3.86E-07	2.93E-08	2.08E-06	1.12E-06
888	490486.72, 3860835.12	1.54E-02	4.85E-06	2.06E-06	8.28E-03	2.61E-06	1.11E-06	1.23E-03	3.87E-07	2.23E-08	1.25E-03	3.95E-07	3.00E-08	2.07E-06	1.12E-06
889	490536.72, 3860835.12	1.53E-02	4.82E-06	2.04E-06	8.24E-03	2.60E-06	1.10E-06	1.26E-03	3.97E-07	2.28E-08	1.28E-03	4.05E-07	3.07E-08	2.05E-06	1.11E-06
890	490586.72, 3860835.12	1.52E-02	4.78E-06	2.03E-06	8.21E-03	2.59E-06	1.10E-06	1.29E-03	4.06E-07	2.33E-08	1.31E-03	4.15E-07	3.15E-08	2.04E-06	1.11E-06
891	490636.72, 3860835.12	1.50E-02	4.75E-06	2.01E-06	8.17E-03	2.58E-06	1.09E-06	1.32E-03	4.16E-07	2.39E-08	1.35E-03	4.26E-07	3.23E-08	2.02E-06	1.10E-06
892	490686.72, 3860835.12	1.50E-02	4.72E-06	2.00E-06	8.15E-03	2.57E-06	1.09E-06	1.35E-03	4.27E-07	2.45E-08	1.38E-03	4.37E-07	3.32E-08	2.01E-06	1.10E-06
893	490736.72, 3860835.12	1.49E-02	4.70E-06	1.99E-06	8.14E-03	2.57E-06	1.09E-06	1.39E-03	4.39E-07	2.53E-08	1.42E-03	4.50E-07	3.41E-08	2.00E-06	1.10E-06
894	490086.72, 3860885.12	1.53E-02	4.83E-06	2.05E-06	8.10E-03	2.56E-06	1.08E-06	1.00E-03	3.16E-07	1.82E-08	1.02E-03	3.23E-07	2.45E-08	2.06E-06	1.09E-06
895	490136.72, 3860885.12	1.52E-02	4.78E-06	2.03E-06	8.04E-03	2.54E-06	1.08E-06	1.02E-03	3.22E-07	1.85E-08	1.04E-03	3.29E-07	2.50E-08	2.04E-06	1.08E-06
896	490186.72, 3860885.12	1.50E-02	4.74E-06	2.01E-06	7.98E-03	2.52E-06	1.07E-06	1.04E-03	3.28E-07	1.89E-08	1.06E-03	3.35E-07	2.55E-08	2.02E-06	1.08E-06

897	490236.72, 3860885.12	1.49E-02	4.70E-06	1.99E-06	7.93E-03	2.50E-06	1.06E-06	1.06E-03	3.34E-07	1.92E-08	1.08E-03	3.42E-07	2.59E-08	2.00E-06	1.07E-06
898	490286.72, 3860885.12	1.48E-02	4.66E-06	1.98E-06	7.88E-03	2.49E-06	1.06E-06	1.08E-03	3.41E-07	1.96E-08	1.10E-03	3.48E-07	2.64E-08	1.98E-06	1.06E-06
899	490336.72, 3860885.12	1.47E-02	4.62E-06	1.96E-06	7.84E-03	2.48E-06	1.05E-06	1.10E-03	3.48E-07	2.00E-08	1.12E-03	3.55E-07	2.69E-08	1.97E-06	1.06E-06
900	490386.72, 3860885.12	1.46E-02	4.59E-06	1.95E-06	7.81E-03	2.47E-06	1.05E-06	1.12E-03	3.55E-07	2.04E-08	1.15E-03	3.63E-07	2.75E-08	1.96E-06	1.05E-06
901	490436.72, 3860885.12	1.45E-02	4.56E-06	1.94E-06	7.78E-03	2.46E-06	1.04E-06	1.15E-03	3.63E-07	2.09E-08	1.17E-03	3.70E-07	2.81E-08	1.94E-06	1.05E-06
902	490486.72, 3860885.12	1.44E-02	4.54E-06	1.93E-06	7.76E-03	2.45E-06	1.04E-06	1.17E-03	3.71E-07	2.13E-08	1.20E-03	3.79E-07	2.88E-08	1.93E-06	1.05E-06
903	490536.72, 3860885.12	1.43E-02	4.51E-06	1.91E-06	7.73E-03	2.44E-06	1.04E-06	1.20E-03	3.80E-07	2.18E-08	1.23E-03	3.88E-07	2.94E-08	1.92E-06	1.04E-06
904	490586.72, 3860885.12	1.42E-02	4.48E-06	1.90E-06	7.70E-03	2.43E-06	1.03E-06	1.23E-03	3.89E-07	2.24E-08	1.26E-03	3.97E-07	3.01E-08	1.91E-06	1.04E-06
905	490636.72, 3860885.12	1.41E-02	4.46E-06	1.89E-06	7.69E-03	2.43E-06	1.03E-06	1.26E-03	3.98E-07	2.29E-08	1.29E-03	4.06E-07	3.09E-08	1.90E-06	1.04E-06
906	490686.72, 3860885.12	1.40E-02	4.43E-06	1.88E-06	7.67E-03	2.42E-06	1.03E-06	1.29E-03	4.08E-07	2.35E-08	1.32E-03	4.17E-07	3.17E-08	1.89E-06	1.04E-06
907	490736.72, 3860885.12	1.40E-02	4.41E-06	1.87E-06	7.66E-03	2.42E-06	1.03E-06	1.33E-03	4.19E-07	2.41E-08	1.36E-03	4.29E-07	3.26E-08	1.88E-06	1.03E-06
908	490086.72, 3860935.12	1.41E-02	4.45E-06	1.89E-06	7.49E-03	2.36E-06	1.00E-06	9.67E-04	3.05E-07	1.75E-08	9.89E-04	3.12E-07	2.37E-08	1.90E-06	1.01E-06
909	490136.72, 3860935.12	1.40E-02	4.42E-06	1.88E-06	7.45E-03	2.35E-06	9.98E-07	9.84E-04	3.10E-07	1.79E-08	1.01E-03	3.18E-07	2.41E-08	1.88E-06	1.00E-06
910	490186.72, 3860935.12	1.39E-02	4.39E-06	1.86E-06	7.42E-03	2.34E-06	9.93E-07	1.00E-03	3.16E-07	1.82E-08	1.03E-03	3.24E-07	2.46E-08	1.87E-06	1.00E-06
911	490236.72, 3860935.12	1.38E-02	4.36E-06	1.85E-06	7.38E-03	2.33E-06	9.89E-07	1.02E-03	3.22E-07	1.85E-08	1.04E-03	3.30E-07	2.50E-08	1.86E-06	9.95E-07
912	490286.72, 3860935.12	1.37E-02	4.33E-06	1.84E-06	7.35E-03	2.32E-06	9.85E-07	1.04E-03	3.28E-07	1.89E-08	1.06E-03	3.36E-07	2.55E-08	1.85E-06	9.92E-07
913	490336.72, 3860935.12	1.36E-02	4.31E-06	1.83E-06	7.32E-03	2.31E-06	9.81E-07	1.06E-03	3.35E-07	1.93E-08	1.08E-03	3.42E-07	2.60E-08	1.83E-06	9.88E-07
914	490386.72, 3860935.12	1.36E-02	4.28E-06	1.82E-06	7.30E-03	2.31E-06	9.78E-07	1.08E-03	3.42E-07	1.96E-08	1.11E-03	3.49E-07	2.65E-08	1.82E-06	9.85E-07
915	490436.72, 3860935.12	1.35E-02	4.26E-06	1.81E-06	7.28E-03	2.30E-06	9.75E-07	1.11E-03	3.49E-07	2.01E-08	1.13E-03	3.57E-07	2.71E-08	1.81E-06	9.82E-07
916	490486.72, 3860935.12	1.34E-02	4.24E-06	1.80E-06	7.27E-03	2.29E-06	9.73E-07	1.13E-03	3.56E-07	2.05E-08	1.15E-03	3.64E-07	2.76E-08	1.81E-06	9.80E-07
917	490536.72, 3860935.12	1.34E-02	4.22E-06	1.79E-06	7.25E-03	2.29E-06	9.71E-07	1.15E-03	3.64E-07	2.10E-08	1.18E-03	3.72E-07	2.82E-08	1.80E-06	9.79E-07
918	490586.72, 3860935.12	1.33E-02	4.20E-06	1.78E-06	7.24E-03	2.28E-06	9.69E-07	1.18E-03	3.72E-07	2.14E-08	1.20E-03	3.80E-07	2.89E-08	1.79E-06	9.77E-07
919	490636.72, 3860935.12	1.32E-02	4.18E-06	1.77E-06	7.22E-03	2.28E-06	9.67E-07	1.21E-03	3.81E-07	2.19E-08	1.23E-03	3.89E-07	2.96E-08	1.78E-06	9.75E-07
920	490686.72, 3860935.12	1.32E-02	4.16E-06	1.77E-06	7.22E-03	2.28E-06	9.67E-07	1.24E-03	3.91E-07	2.25E-08	1.27E-03	3.99E-07	3.03E-08	1.77E-06	9.75E-07
921	490736.72, 3860935.12	1.31E-02	4.14E-06	1.76E-06	7.21E-03	2.28E-06	9.66E-07	1.27E-03	4.00E-07	2.30E-08	1.30E-03	4.10E-07	3.11E-08	1.77E-06	9.74E-07
922	490786.72, 3860935.12	1.31E-02	4.13E-06	1.75E-06	7.21E-03	2.28E-06	9.65E-07	1.30E-03	4.11E-07	2.36E-08	1.33E-03	4.21E-07	3.19E-08	1.76E-06	9.74E-07
923	490836.72, 3860935.12	1.31E-02	4.12E-06	1.75E-06	7.22E-03	2.28E-06	9.67E-07	1.34E-03	4.23E-07	2.43E-08	1.37E-03	4.33E-07	3.29E-08	1.76E-06	9.76E-07
924	490086.72, 3860985.12	1.30E-02	4.12E-06	1.75E-06	6.95E-03	2.19E-06	9.31E-07	9.37E-04	2.96E-07	1.70E-08	9.60E-04	3.03E-07	2.30E-08	1.75E-06	9.37E-07
925	490136.72, 3860985.12	1.30E-02	4.10E-06	1.74E-06	6.93E-03	2.19E-06	9.28E-07	9.52E-04	3.01E-07	1.73E-08	9.74E-04	3.08E-07	2.33E-08	1.74E-06	9.34E-07
926	490186.72, 3860985.12	1.29E-02	4.07E-06	1.73E-06	6.91E-03	2.18E-06	9.25E-07	9.70E-04	3.06E-07	1.76E-08	9.92E-04	3.13E-07	2.38E-08	1.74E-06	9.31E-07
927	490236.72, 3860985.12	1.28E-02	4.05E-06	1.72E-06	6.89E-03	2.17E-06	9.22E-07	9.85E-04	3.11E-07	1.79E-08	1.01E-03	3.18E-07	2.42E-08	1.73E-06	9.29E-07
928	490286.72, 3860985.12	1.28E-02	4.03E-06	1.71E-06	6.87E-03	2.17E-06	9.20E-07	1.00E-03	3.17E-07	1.82E-08	1.03E-03	3.24E-07	2.46E-08	1.72E-06	9.26E-07
929	490336.72, 3860985.12	1.27E-02	4.01E-06	1.70E-06	6.85E-03	2.16E-06	9.17E-07	1.02E-03	3.23E-07	1.86E-08	1.05E-03	3.30E-07	2.51E-08	1.71E-06	9.24E-07
930	490386.72, 3860985.12	1.27E-02	3.99E-06	1.69E-06	6.83E-03	2.16E-06	9.15E-07	1.04E-03	3.29E-07	1.89E-08	1.07E-03	3.36E-07	2.55E-08	1.70E-06	9.22E-07
931	490436.72, 3860985.12	1.26E-02	3.98E-06	1.69E-06	6.83E-03	2.16E-06	9.15E-07	1.07E-03	3.36E-07	1.93E-08	1.09E-03	3.44E-07	2.61E-08	1.70E-06	9.22E-07
932	490486.72, 3860985.12	1.26E-02	3.97E-06	1.68E-06	6.82E-03	2.15E-06	9.13E-07	1.09E-03	3.43E-07	1.97E-08	1.11E-03	3.50E-07	2.66E-08	1.69E-06	9.20E-07
933	490536.72, 3860985.12	1.25E-02	3.95E-06	1.68E-06	6.81E-03	2.15E-06	9.12E-07	1.11E-03	3.50E-07	2.01E-08	1.13E-03	3.58E-07	2.71E-08	1.68E-06	9.19E-07
934	490586.72, 3860985.12	1.25E-02	3.93E-06	1.67E-06	6.80E-03	2.15E-06	9.11E-07	1.13E-03	3.58E-07	2.06E-08	1.16E-03	3.65E-07	2.77E-08	1.68E-06	9.18E-07
935	490636.72, 3860985.12	1.24E-02	3.92E-06	1.66E-06	6.80E-03	2.14E-06	9.10E-07	1.16E-03	3.66E-07	2.10E-08	1.18E-03	3.74E-07	2.83E-08	1.67E-06	9.17E-07
936	490686.72, 3860985.12	1.24E-02	3.91E-06	1.66E-06	6.79E-03	2.14E-06	9.10E-07	1.19E-03	3.74E-07	2.15E-08	1.21E-03	3.82E-07	2.90E-08	1.67E-06	9.17E-07
937	490736.72, 3860985.12	1.23E-02	3.90E-06	1.65E-06	6.79E-03	2.14E-06	9.10E-07	1.21E-03	3.83E-07	2.20E-08	1.24E-03	3.92E-07	2.97E-08	1.66E-06	9.17E-07
938	490786.72, 3860985.12	1.23E-02	3.89E-06	1.65E-06	6.80E-03	2.15E-06	9.10E-07	1.25E-03	3.93E-07	2.26E-08	1.27E-03	4.02E-07	3.05E-08	1.66E-06	9.18E-07
939	490836.72, 3860985.12	1.23E-02	3.88E-06	1.65E-06	6.80E-03	2.15E-06	9.11E-07	1.28E-03	4.03E-07	2.32E-08	1.31E-03	4.13E-07	3.14E-08	1.65E-06	9.19E-07
940	490086.72, 3861035.12	1.21E-02	3.82E-06	1.62E-06	6.47E-03	2.04E-06	8.67E-07	9.07E-04	2.86E-07	1.65E-08	9.30E-04	2.94E-07	2.23E-08	1.63E-06	8.73E-07
941	490136.72, 3861035.12	1.20E-02	3.80E-06	1.61E-06	6.46E-03	2.04E-06	8.65E-07	9.23E-04	2.91E-07	1.67E-08	9.47E-04	2.99E-07	2.27E-08	1.62E-06	8.71E-07
942	490186.72, 3861035.12	1.20E-02	3.78E-06	1.61E-06	6.44E-03	2.03E-06	8.63E-07	9.38E-04	2.96E-07	1.70E-08	9.61E-04	3.03E-07	2.30E-08	1.61E-06	8.69E-07
943	490236.72, 3861035.12	1.20E-02	3.77E-06	1.60E-06	6.44E-03	2.03E-06	8.62E-07	9.56E-04	3.02E-07	1.73E-08	9.78E-04	3.09E-07	2.34E-08	1.61E-06	8.68E-07
944	490286.72, 3861035.12	1.19E-02	3.76E-06	1.59E-06	6.42E-03	2.03E-06	8.60E-07	9.71E-04	3.07E-07	1.76E-08	9.94E-04	3.14E-07	2.38E-08	1.60E-06	8.66E-07
945	490336.72, 3861035.12	1.19E-02	3.74E-06	1.59E-06	6.41E-03	2.02E-06	8.59E-07	9.88E-04	3.12E-07	1.79E-08	1.01E-03	3.19E-07	2.42E-08	1.59E-06	8.65E-07
946	490386.72, 3861035.12	1.18E-02	3.73E-06	1.58E-06	6.41E-03	2.02E-06	8.58E-07	1.01E-03	3.18E-07	1.83E-08	1.03E-03	3.26E-07	2.47E-08	1.59E-06	8.65E-07
947	490436.72, 3861035.12	1.18E-02	3.73E-06	1.58E-06	6.41E-03	2.02E-06	8.59E-07	1.03E-03	3.24E-07	1.87E-08	1.05E-03	3.32E-07	2.52E-08	1.59E-06	8.65E-07
948	490486.72, 3861035.12	1.18E-02	3.72E-06	1.58E-06	6.41E-03	2.02E-06	8.58E-07	1.05E-03	3.31E-07	1.90E-08	1.07E-03	3.38E-07	2.57E-08	1.58E-06	8.65E-07
949	490536.72, 3861035.12	1.17E-02	3.70E-06	1.57E-06	6.40E-03	2.02E-06	8.57E-07	1.07E-03	3.38E-07	1.94E-08	1.09E-03	3.45E-07	2.62E-08	1.58E-06	8.64E-07
950	490586.72, 3861035.12	1.17E-02	3.69E-06	1.57E-06	6.40E-03	2.02E-06	8.57E-07	1.09E-03	3.45E-07	1.98E-08	1.11E-03	3.52E-07	2.67E-08	1.57E-06	8.64E-07
951	490636.72, 3861035.12	1.17E-02	3.68E-06	1.56E-06	6.40E-03	2.02E-06	8.57E-07	1.12E-03	3.52E-07	2.02E-08	1.14E-03	3.59E-07	2.73E-08	1.57E-06	8.64E-07
952	490686.72, 3861035.12	1.16E-02	3.67E-06	1.56E-06	6.40E-03	2.02E-06	8.57E-07	1.14E-03	3.59E-07	2.07E-08	1.16E-03	3.67E-07	2.79E-08	1.57E-06	8.64E-07
953	490736.72, 3861035.12	1.16E-02	3.67E-06	1.56E-06	6.41E-03	2.02E-06	8.58E-07	1.17E-03	3.68E-07	2.12E-08	1.19E-03	3.76E-07	2.85E-08	1.56E-06	8.65E-07
954	490786.72, 3861035.12	1.16E-02	3.66E-06	1.55E-06	6.41E-03	2.02E-06	8.58E-07	1.19E-03	3.76E-07	2.16E-08	1.22E-03	3.85E-07	2.92E-08	1.56E-06	8.66E-07
955	490836.72, 3861035.12	1.16E-02	3.65E-06	1.55E-06	6.42E-03	2.03E-06	8.60E-07	1.22E-03	3.86E-07	2.22E-08	1.25E-03	3.95E-07	3.00E-08	1.56E-06	8.67E-07
956	490086.72, 3861085.12	1.13E-02	3.55E-06	1.51E-06	6.05E-03	1.91E-06	8.10E-07	8.82E-04	2.78E-07	1.60E-08	9.04E-04	2.85E-07	2.17E-08	1.51E-06	8.16E-07
957	490136.72, 3861085.12	1.12E-02	3.54E-06	1.50E-06	6.04E-03	1.91E-06	8.09E-07	8.96E-04	2.83E-07	1.63E-08	9.19E-04	2.90E-07	2.20E-08	1.51E-06	8.15E-07
958	490186.72, 3861085.12	1.12E-02	3.54E-06	1.50E-06	6.04E-03	1.91E-06	8.09E-07	9.12E-04	2.88E-07	1.65E-08	9.35E-04	2.95E-07	2.24E-08	1.51E-06	8.15E-07
959	490236.72, 3861085.12	1.12E-02	3.52E-06	1.49E-06	6.03E-03	1.90E-06	8.08E-07	9.26E-04	2.92E-07	1.68E-08	9.50E-04	3.00E-07	2.28E-08	1.50E-06	8.13E-07
960	490286.72, 3861085.12	1.11E-02	3.51E-06	1.49E-06	6.02E-03	1.90E-06	8.06E-07	9.41E-04	2.97E-07	1.71E-08	9.65E-04	3.04E-07	2.31E-08	1.50E-06	8.12E-07
961	490336.72, 3861085.12	1.11E-02	3.50E-06	1.49E-06	6.02E-03	1.90E-06	8.06E-07	9.57E-04	3.02E-07	1.74E-08	9.81E-04	3.10E-07	2.35E-08	1.49E-06	8.12E-07
962	490386.72, 3861085.12	1.11E-02	3.50E-06	1.48E-06	6.02E-03	1.90E-06	8.06E-07	9.76E-04	3.08E-07	1.77E-08	9.99E-04	3.15E-07	2.39E-08	1.49E-06	8.12E-07
963	490436.72, 3861085.12	1.11E-02	3.49E-06	1.48E-06	6.02E-03	1.90E-06	8.06E-07	9.93E-04	3.13E-07	1.80E-08	1.02E-03	3.21E-07	2.44E-08	1.49E-06	8.13E-07
964	490486.72, 3861085.12	1.10E-02	3.48E-06	1.48E-06	6.02E-03	1.90E-06	8.07E-07	1.01E-03	3.20E-07	1.84E-08	1.03E-03	3.27E-07	2.48E-08	1.48E-06	8.13E-07
965	490536.72, 3861085.12	1.10E-02	3.48E-06	1.47E-06	6.03E-03	1.90E-06	8.07E-07	1.03E-03	3.26E-07	1.87E-08	1.06E-03	3.33E-07	2.53E-08	1.48E-06	8.13E-07
966	490586.72, 3861085.12	1.10E-02	3.47E-06	1.47E-06	6.03E-03	1.90E-06	8.07E-07	1.05E-03	3.32E-07	1.91E-08	1.08E-03	3.40E-07	2.58E-08	1.48E-06	8.14E-07
967	490636.72, 3861085.12	1.10E-02	3.46E-06	1.47E-06	6.03E-03	1.90E-06	8.08E-07	1.07E-03	3.39E-07	1.95E-08	1.10E-03	3.46E-07	2.63E-08	1.48E-06	8.15E-07
968	490686.72, 3861085.12	1.09E-02	3.45E-06	1.47E-06	6.03E-03	1.90E-06	8.08E-07	1.10E-03	3.46E-07	1.99E-08	1.12E-03	3.53E-07	2.68E-08	1.47E-06	8.15E-07
969	490736.72, 3861085.12	1.09E-02	3.45E-06	1.46E-06	6.04E-03	1.91E-06	8.09E-07	1.12E-03	3.54E-07	2.03E-08	1.14E-03	3.61E-07	2.74E-08	1.47E-06	8.16E-07
970	490786.72, 3861085.12	1.09E-02	3.44E-06	1.46E-06	6.05E-03	1.91E-06	8.10E-07	1.15E-03	3.61E-07	2.08E-08	1.17E-03	3.69E-07	2.80E-08	1.47E-06	8.18E-07
971	490836.72, 3861085.12	1.09E-02	3.44E-06	1.46E-06	6.06E-03	1.91E-06	8.12E-07	1.17E-03	3.70E-07	2.13E-08	1.20E-03	3.78E-07	2.87E-08	1.47E-06	8.19E-07
972	490086.72, 3861135.12	1.05E-02	3.32E-06	1.41E-06	5.67E-03	1.79E-06	7.59E-07	8.57E-04	2.70E-07	1.56E-08	8.80E-04	2.78E-07	2.11E-08	1.41E-06	7.65E-07
973	490136.72, 3861135.12	1.05E-02	3.31E-06	1.40E-06	5.66E-03	1.79E-06	7.58E-07	8.69E-04	2.74E-07	1.58E-08	8.94E-04	2.82E-07	2.14E-08	1.41E-06	7.64E-07
974	490186.72, 3861135.12	1.05E-02	3.30E-06	1.40E-06	5.67E-03	1.79E-06	7.59E-07	8.85E-04	2.79E-07	1.61E-08	9.08E-04	2.86E-07	2.17E-08	1.41E-06	7.65E-07
975	490236.72, 3861135.12	1.05E-02	3.30E-06	1.40E-06	5.67E-03	1.79E-06	7.59E-07	8.99E-04	2.84E-07	1.63E-08	9.22E-04	2.91E-07	2.21E-08	1.41E-06	7.65E-07
976	490286.72, 3861135.12	1.04E-02	3.29E-06	1.40E-06	5.66E-03	1.79E-06	7.59E-07	9.13E-04	2.88E-07	1.66E-08	9.37E-04	2.96E-07	2.24E-08	1.40E-06	7.64E-07
977	490336.72, 3861135.12	1.04E-02	3.28E-06	1.39E-06	5.66E-03	1.79E-06	7.58E-07	9.29E-04	2.93E-07	1.69E-08	9.53E-04	3.01E-07	2.28E-08	1.40E-06	7.64E-07
978	490386.72, 3861135.12	1.04E-02	3.28E-06	1.39E-06	5.67E-03	1.79E-06	7.59E-07	9.46E-04	2.99E-07	1.72E-08	9.68E-04	3.05E-07	2.32E-08	1.40E-06	7.65E-07
979	490436.72, 3861135.12	1.04E-02	3.28E-06	1.39E-06	5.67E-03	1.79E-06	7.60E-07	9.62E-04	3.04E-07	1.75E-08	9.86E-04	3.11E-07	2.36E-08	1.40E-06	7.66E-07
980	490486.72, 3861135.12	1.04E-02	3.27E-06	1.39E-06	5.67E-03	1.79E-06	7.60E-07	9.81E-04	3.10E-07	1.78E-08	1.00E-03	3.16E-07	2.40E-08	1.39E-06	7.66E-07
981	490536.72, 3861135.12	1.03E-02	3.27E-06	1.39E-06	5.68E-03	1.79E-06	7.61E-07	9.98E-04	3.15E-07	1.81E-08	1.02E-03	3.23E-07	2.45E-08	1.39E-06	7.67E-07
982	490586.72, 3861135.12	1.03E-02	3.26E-06	1.39E-06	5.69E-03	1.80E-06	7.62E-07	1.02E-03	3.21E-07	1.85E-08	1.04E-03	3.28E-07	2.49E-08	1.39E-06	7.69E-07
983	490636.72, 3861135.12	1.03E-02	3.26E-06	1.38E-06	5.69E-03	1.80E-06	7.62E-07	1.04E-03	3.27E-07	1.88E-08	1.06E-03	3.34E-07	2.54E-08	1.39E-06	7.69E-07
984	490686.72, 3861135.12	1.03E-02	3.26E-06	1.38E-06	5.70E-03	1.80E-06	7.64E-07	1.06E-03	3.34E-07	1.92E-08	1.08E-03	3.41E-07	2.59E-08	1.39E-06	7.70E-07
985	490736.72, 3861135.12	1.03E-02	3.25E-06	1.38E-06	5.71E-03	1.80E-06	7.65E-07	1.08E-03	3.41E-07	1.96E-08	1.10E-03	3.48E-07	2.64E-08	1.39E-06	7.71E-07
986	490786.72, 3861135.12	1.03E-02	3.25E-06	1.38E-06	5.72E-03	1.81E-06	7.67E-07	1.10E-03	3.48E-07	2.00E-08	1.13E-03	3.55E-07	2.70E-08	1.39E-06	7.73E-07

987	490836.72, 3861135.12	1.03E-02	3.25E-06	1.38E-06	5.74E-03	1.81E-06	7.69E-07	1.13E-03	3.56E-07	2.05E-08	1.15E-03	3.64E-07	2.76E-08	1.39E-06	7.76E-07
988	490086.72, 3861185.12	9.85E-03	3.11E-06	1.32E-06	5.33E-03	1.68E-06	7.14E-07	8.33E-04	2.63E-07	1.51E-08	8.57E-04	2.70E-07	2.05E-08	1.32E-06	7.19E-07
989	490136.72, 3861185.12	9.83E-03	3.10E-06	1.32E-06	5.33E-03	1.68E-06	7.14E-07	8.44E-04	2.66E-07	1.53E-08	8.68E-04	2.74E-07	2.08E-08	1.32E-06	7.19E-07
990	490186.72, 3861185.12	9.82E-03	3.10E-06	1.31E-06	5.33E-03	1.68E-06	7.14E-07	8.58E-04	2.71E-07	1.56E-08	8.81E-04	2.78E-07	2.11E-08	1.32E-06	7.20E-07
991	490236.72, 3861185.12	9.80E-03	3.09E-06	1.31E-06	5.33E-03	1.68E-06	7.14E-07	8.73E-04	2.75E-07	1.58E-08	8.96E-04	2.83E-07	2.15E-08	1.32E-06	7.20E-07
992	490286.72, 3861185.12	9.79E-03	3.09E-06	1.31E-06	5.34E-03	1.68E-06	7.15E-07	8.87E-04	2.80E-07	1.61E-08	9.11E-04	2.87E-07	2.18E-08	1.32E-06	7.20E-07
993	490336.72, 3861185.12	9.77E-03	3.08E-06	1.31E-06	5.34E-03	1.69E-06	7.15E-07	9.01E-04	2.84E-07	1.64E-08	9.24E-04	2.92E-07	2.21E-08	1.31E-06	7.21E-07
994	490386.72, 3861185.12	9.76E-03	3.08E-06	1.31E-06	5.34E-03	1.69E-06	7.16E-07	9.16E-04	2.89E-07	1.66E-08	9.40E-04	2.97E-07	2.25E-08	1.31E-06	7.21E-07
995	490436.72, 3861185.12	9.77E-03	3.08E-06	1.31E-06	5.35E-03	1.69E-06	7.17E-07	9.32E-04	2.94E-07	1.69E-08	9.57E-04	3.02E-07	2.29E-08	1.31E-06	7.23E-07
996	490486.72, 3861185.12	9.76E-03	3.08E-06	1.31E-06	5.36E-03	1.69E-06	7.18E-07	9.49E-04	3.00E-07	1.72E-08	9.71E-04	3.07E-07	2.33E-08	1.31E-06	7.24E-07
997	490536.72, 3861185.12	9.76E-03	3.08E-06	1.31E-06	5.37E-03	1.70E-06	7.20E-07	9.67E-04	3.05E-07	1.75E-08	9.89E-04	3.12E-07	2.37E-08	1.31E-06	7.26E-07
998	490586.72, 3861185.12	9.75E-03	3.08E-06	1.31E-06	5.38E-03	1.70E-06	7.21E-07	9.85E-04	3.11E-07	1.79E-08	1.01E-03	3.18E-07	2.41E-08	1.31E-06	7.27E-07
999	490636.72, 3861185.12	9.73E-03	3.07E-06	1.30E-06	5.38E-03	1.70E-06	7.21E-07	1.00E-03	3.16E-07	1.82E-08	1.03E-03	3.24E-07	2.46E-08	1.31E-06	7.27E-07
1000	490686.72, 3861185.12	9.72E-03	3.07E-06	1.30E-06	5.39E-03	1.70E-06	7.22E-07	1.02E-03	3.22E-07	1.85E-08	1.04E-03	3.30E-07	2.50E-08	1.31E-06	7.28E-07
1001	490736.72, 3861185.12	9.73E-03	3.07E-06	1.30E-06	5.41E-03	1.71E-06	7.25E-07	1.04E-03	3.29E-07	1.89E-08	1.06E-03	3.36E-07	2.55E-08	1.31E-06	7.31E-07
1002	490786.72, 3861185.12	9.73E-03	3.07E-06	1.30E-06	5.42E-03	1.71E-06	7.26E-07	1.06E-03	3.36E-07	1.93E-08	1.09E-03	3.43E-07	2.60E-08	1.31E-06	7.33E-07
1003	490836.72, 3861185.12	9.73E-03	3.07E-06	1.30E-06	5.44E-03	1.72E-06	7.28E-07	1.09E-03	3.43E-07	1.97E-08	1.11E-03	3.50E-07	2.66E-08	1.31E-06	7.35E-07
1004	490086.72, 3861235.12	9.25E-03	2.92E-06	1.24E-06	5.03E-03	1.59E-06	6.73E-07	8.10E-04	2.56E-07	1.47E-08	8.34E-04	2.63E-07	2.00E-08	1.24E-06	6.78E-07
1005	490136.72, 3861235.12	9.25E-03	2.92E-06	1.24E-06	5.03E-03	1.59E-06	6.74E-07	8.22E-04	2.60E-07	1.49E-08	8.46E-04	2.67E-07	2.03E-08	1.24E-06	6.79E-07
1006	490186.72, 3861235.12	9.23E-03	2.91E-06	1.24E-06	5.03E-03	1.59E-06	6.74E-07	8.35E-04	2.64E-07	1.52E-08	8.59E-04	2.71E-07	2.06E-08	1.24E-06	6.80E-07
1007	490236.72, 3861235.12	9.22E-03	2.91E-06	1.23E-06	5.03E-03	1.59E-06	6.74E-07	8.47E-04	2.67E-07	1.54E-08	8.72E-04	2.75E-07	2.09E-08	1.24E-06	6.80E-07
1008	490386.72, 3861235.12	9.20E-03	2.90E-06	1.23E-06	5.05E-03	1.59E-06	6.77E-07	8.88E-04	2.80E-07	1.61E-08	9.12E-04	2.88E-07	2.19E-08	1.24E-06	6.82E-07
1009	490436.72, 3861235.12	9.19E-03	2.90E-06	1.23E-06	5.06E-03	1.60E-06	6.77E-07	9.04E-04	2.85E-07	1.64E-08	9.27E-04	2.93E-07	2.22E-08	1.24E-06	6.83E-07
1010	490486.72, 3861235.12	9.20E-03	2.90E-06	1.23E-06	5.07E-03	1.60E-06	6.79E-07	9.20E-04	2.90E-07	1.67E-08	9.42E-04	2.97E-07	2.26E-08	1.24E-06	6.85E-07
1011	490536.72, 3861235.12	9.20E-03	2.90E-06	1.23E-06	5.08E-03	1.60E-06	6.81E-07	9.37E-04	2.96E-07	1.70E-08	9.60E-04	3.03E-07	2.30E-08	1.24E-06	6.87E-07
1012	490586.72, 3861235.12	9.20E-03	2.91E-06	1.23E-06	5.10E-03	1.61E-06	6.82E-07	9.54E-04	3.01E-07	1.73E-08	9.76E-04	3.08E-07	2.34E-08	1.24E-06	6.89E-07
1013	490636.72, 3861235.12	9.19E-03	2.90E-06	1.23E-06	5.10E-03	1.61E-06	6.83E-07	9.70E-04	3.06E-07	1.76E-08	9.92E-04	3.13E-07	2.38E-08	1.24E-06	6.89E-07
1014	490686.72, 3861235.12	9.19E-03	2.90E-06	1.23E-06	5.11E-03	1.61E-06	6.84E-07	9.88E-04	3.12E-07	1.79E-08	1.01E-03	3.19E-07	2.42E-08	1.24E-06	6.90E-07
1015	490736.72, 3861235.12	9.19E-03	2.90E-06	1.23E-06	5.12E-03	1.62E-06	6.86E-07	1.01E-03	3.18E-07	1.83E-08	1.03E-03	3.25E-07	2.47E-08	1.24E-06	6.93E-07
1016	490786.72, 3861235.12	9.20E-03	2.90E-06	1.23E-06	5.14E-03	1.62E-06	6.89E-07	1.03E-03	3.24E-07	1.87E-08	1.05E-03	3.32E-07	2.52E-08	1.24E-06	6.95E-07
1017	490836.72, 3861235.12	9.21E-03	2.91E-06	1.23E-06	5.16E-03	1.63E-06	6.91E-07	1.05E-03	3.31E-07	1.91E-08	1.07E-03	3.38E-07	2.57E-08	1.24E-06	6.98E-07
1018	490086.72, 3861285.12	8.74E-03	2.76E-06	1.17E-06	4.77E-03	1.50E-06	6.38E-07	7.90E-04	2.49E-07	1.43E-08	8.13E-04	2.57E-07	1.95E-08	1.18E-06	6.43E-07
1019	490136.72, 3861285.12	8.74E-03	2.76E-06	1.17E-06	4.77E-03	1.51E-06	6.39E-07	8.00E-04	2.53E-07	1.45E-08	8.26E-04	2.61E-07	1.98E-08	1.18E-06	6.44E-07
1020	490186.72, 3861285.12	8.72E-03	2.75E-06	1.17E-06	4.77E-03	1.51E-06	6.39E-07	8.11E-04	2.56E-07	1.47E-08	8.36E-04	2.64E-07	2.00E-08	1.17E-06	6.44E-07
1021	490236.72, 3861285.12	8.72E-03	2.75E-06	1.17E-06	4.78E-03	1.51E-06	6.40E-07	8.24E-04	2.60E-07	1.50E-08	8.49E-04	2.68E-07	2.03E-08	1.17E-06	6.45E-07
1022	490386.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.79E-03	1.51E-06	6.41E-07	8.63E-04	2.72E-07	1.57E-08	8.86E-04	2.80E-07	2.12E-08	1.17E-06	6.47E-07
1023	490436.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.80E-03	1.51E-06	6.42E-07	8.77E-04	2.77E-07	1.59E-08	9.01E-04	2.84E-07	2.16E-08	1.17E-06	6.48E-07
1024	490486.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.81E-03	1.52E-06	6.44E-07	8.91E-04	2.81E-07	1.62E-08	9.16E-04	2.89E-07	2.19E-08	1.17E-06	6.49E-07
1025	490536.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.82E-03	1.52E-06	6.45E-07	9.07E-04	2.86E-07	1.65E-08	9.30E-04	2.94E-07	2.23E-08	1.17E-06	6.51E-07
1026	490586.72, 3861285.12	8.70E-03	2.75E-06	1.16E-06	4.83E-03	1.52E-06	6.47E-07	9.24E-04	2.92E-07	1.68E-08	9.47E-04	2.99E-07	2.27E-08	1.17E-06	6.53E-07
1027	490636.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.84E-03	1.53E-06	6.48E-07	9.40E-04	2.97E-07	1.71E-08	9.61E-04	3.03E-07	2.30E-08	1.17E-06	6.54E-07
1028	490686.72, 3861285.12	8.69E-03	2.74E-06	1.16E-06	4.85E-03	1.53E-06	6.49E-07	9.56E-04	3.02E-07	1.73E-08	9.79E-04	3.09E-07	2.35E-08	1.17E-06	6.55E-07
1029	490736.72, 3861285.12	8.71E-03	2.75E-06	1.17E-06	4.87E-03	1.54E-06	6.52E-07	9.76E-04	3.08E-07	1.77E-08	9.97E-04	3.15E-07	2.39E-08	1.17E-06	6.58E-07
1030	490786.72, 3861285.12	8.72E-03	2.75E-06	1.17E-06	4.88E-03	1.54E-06	6.54E-07	9.93E-04	3.13E-07	1.80E-08	1.02E-03	3.20E-07	2.43E-08	1.17E-06	6.60E-07
1031	490836.72, 3861285.12	8.72E-03	2.75E-06	1.17E-06	4.90E-03	1.55E-06	6.56E-07	1.01E-03	3.19E-07	1.84E-08	1.03E-03	3.27E-07	2.48E-08	1.17E-06	6.63E-07
1032	490061.24, 3859716.13	5.65E-02	1.78E-05	7.57E-06	3.30E-02	1.04E-05	4.42E-06	8.55E-03	2.70E-06	1.55E-07	8.83E-03	2.79E-06	2.12E-07	7.63E-06	4.48E-06
1033	490111.24, 3859716.13	5.95E-02	1.88E-05	7.97E-06	3.57E-02	1.13E-05	4.77E-06	1.04E-02	3.27E-06	1.88E-07	1.07E-02	3.39E-06	2.57E-07	8.04E-06	4.84E-06
1034	490161.24, 3859716.13	6.42E-02	2.03E-05	8.60E-06	3.96E-02	1.25E-05	5.31E-06	1.30E-02	4.10E-06	2.36E-07	1.34E-02	4.24E-06	3.22E-07	8.68E-06	5.39E-06
1035	490211.24, 3859716.13	7.15E-02	2.26E-05	9.58E-06	4.58E-02	1.44E-05	6.13E-06	1.70E-02	5.35E-06	3.08E-07	1.75E-02	5.53E-06	4.20E-07	9.69E-06	6.24E-06
1036	490061.24, 3859766.13	5.08E-02	1.60E-05	6.80E-06	2.86E-02	9.03E-06	3.83E-06	6.02E-03	1.90E-06	1.09E-07	6.18E-03	1.95E-06	1.48E-07	6.84E-06	3.87E-06
1037	490111.24, 3859766.13	5.17E-02	1.63E-05	6.93E-06	2.96E-02	9.35E-06	3.97E-06	6.86E-03	2.16E-06	1.24E-07	7.06E-03	2.23E-06	1.69E-07	6.97E-06	4.01E-06
1038	490161.24, 3859766.13	5.32E-02	1.68E-05	7.13E-06	3.10E-02	9.79E-06	4.16E-06	7.93E-03	2.50E-06	1.44E-07	8.18E-03	2.58E-06	1.96E-07	7.18E-06	4.21E-06
1039	490211.24, 3859766.13	5.55E-02	1.75E-05	7.43E-06	3.31E-02	1.04E-05	4.43E-06	9.40E-03	2.97E-06	1.71E-07	9.69E-03	3.06E-06	2.32E-07	7.50E-06	4.49E-06
1040	490061.24, 3859816.13	4.75E-02	1.50E-05	6.36E-06	2.61E-02	8.25E-06	3.50E-06	4.65E-03	1.47E-06	8.44E-08	4.77E-03	1.50E-06	1.14E-07	6.39E-06	3.53E-06
1041	490111.24, 3859816.13	4.77E-02	1.50E-05	6.38E-06	2.65E-02	8.37E-06	3.55E-06	5.13E-03	1.62E-06	9.30E-08	5.26E-03	1.66E-06	1.26E-07	6.41E-06	3.58E-06
1042	490161.24, 3859816.13	4.81E-02	1.52E-05	6.44E-06	2.71E-02	8.55E-06	3.63E-06	5.71E-03	1.80E-06	1.04E-07	5.86E-03	1.85E-06	1.40E-07	6.47E-06	3.66E-06
1043	490211.24, 3859816.13	4.88E-02	1.54E-05	6.54E-06	2.79E-02	8.81E-06	3.74E-06	6.42E-03	2.03E-06	1.17E-07	6.60E-03	2.08E-06	1.58E-07	6.58E-06	3.78E-06
1044	490061.24, 3859866.13	4.53E-02	1.43E-05	6.07E-06	2.45E-02	7.74E-06	3.28E-06	3.81E-03	1.20E-06	6.91E-08	3.89E-03	1.23E-06	9.33E-08	6.10E-06	3.31E-06
1045	490111.24, 3859866.13	4.51E-02	1.42E-05	6.04E-06	2.46E-02	7.77E-06	3.29E-06	4.11E-03	1.30E-06	7.47E-08	4.21E-03	1.33E-06	1.01E-07	6.06E-06	3.32E-06
1046	490161.24, 3859866.13	4.50E-02	1.42E-05	6.03E-06	2.48E-02	7.83E-06	3.32E-06	4.48E-03	1.41E-06	8.12E-08	4.58E-03	1.45E-06	1.10E-07	6.06E-06	3.35E-06
1047	490211.24, 3859866.13	4.51E-02	1.42E-05	6.04E-06	2.51E-02	7.93E-06	3.37E-06	4.90E-03	1.55E-06	8.90E-08	5.02E-03	1.59E-06	1.20E-07	6.08E-06	3.40E-06
1048	490061.24, 3859916.13	4.37E-02	1.38E-05	5.86E-06	2.34E-02	7.38E-06	3.13E-06	3.23E-03	1.02E-06	5.87E-08	3.30E-03	1.04E-06	7.91E-08	5.88E-06	3.15E-06
1049	490111.24, 3859916.13	4.33E-02	1.37E-05	5.79E-06	2.33E-02	7.35E-06	3.12E-06	3.45E-03	1.09E-06	6.26E-08	3.53E-03	1.11E-06	8.45E-08	5.82E-06	3.14E-06
1050	490161.24, 3859916.13	4.29E-02	1.35E-05	5.74E-06	2.33E-02	7.34E-06	3.12E-06	3.70E-03	1.17E-06	6.71E-08	3.78E-03	1.19E-06	9.06E-08	5.77E-06	3.14E-06
1051	490211.24, 3859916.13	4.27E-02	1.35E-05	5.71E-06	2.33E-02	7.36E-06	3.12E-06	3.97E-03	1.25E-06	7.21E-08	4.06E-03	1.28E-06	9.74E-08	5.74E-06	3.15E-06
1052	490229.25, 3859815.26	4.93E-02	1.56E-05	6.60E-06	2.84E-02	8.95E-06	3.80E-06	6.78E-03	2.14E-06	1.23E-07	6.96E-03	2.20E-06	1.67E-07	6.65E-06	3.84E-06
1053	490279.25, 3859815.26	5.07E-02	1.60E-05	6.79E-06	2.97E-02	9.37E-06	3.98E-06	7.79E-03	2.46E-06	1.41E-07	8.01E-03	2.53E-06	1.92E-07	6.84E-06	4.03E-06
1054	490329.25, 3859815.26	5.28E-02	1.67E-05	7.07E-06	3.16E-02	9.97E-06	4.23E-06	9.15E-03	2.89E-06	1.66E-07	9.39E-03	2.96E-06	2.25E-07	7.12E-06	4.29E-06
1055	490379.25, 3859815.26	5.61E-02	1.77E-05	7.52E-06	3.45E-02	1.09E-05	4.62E-06	1.11E-02	3.51E-06	2.02E-07	1.14E-02	3.59E-06	2.73E-07	7.59E-06	4.69E-06
1056	490429.25, 3859815.26	6.15E-02	1.94E-05	8.24E-06	3.91E-02	1.23E-05	5.24E-06	1.42E-02	4.48E-06	2.57E-07	1.44E-02	4.56E-06	3.46E-07	8.33E-06	5.32E-06
1057	490229.25, 3859865.26	4.53E-02	1.43E-05	6.06E-06	2.53E-02	8.00E-06	3.39E-06	5.10E-03	1.61E-06	9.25E-08	5.22E-03	1.65E-06	1.25E-07	6.10E-06	3.42E-06
1058	490279.25, 3859865.26	4.57E-02	1.44E-05	6.12E-06	2.59E-02	8.17E-06	3.47E-06	5.65E-03	1.78E-06	1.02E-07	5.79E-03	1.83E-06	1.39E-07	6.15E-06	3.50E-06
1059	490329.25, 3859865.26	4.64E-02	1.46E-05	6.21E-06	2.67E-02	8.42E-06	3.57E-06	6.33E-03	2.00E-06	1.15E-07	6.48E-03	2.05E-06	1.55E-07	6.25E-06	3.61E-06
1060	490379.25, 3859865.26	4.76E-02	1.50E-05	6.37E-06	2.78E-02	8.78E-06	3.73E-06	7.21E-03	2.28E-06	1.31E-07	7.38E-03	2.33E-06	1.77E-07	6.42E-06	3.77E-06
1061	490429.25, 3859865.26	4.94E-02	1.56E-05	6.62E-06	2.95E-02	9.30E-06	3.95E-06	8.39E-03	2.65E-06	1.52E-07	8.57E-03	2.71E-06	2.05E-07	6.67E-06	4.00E-06
1062	490229.25, 3859915.26	4.27E-02	1.35E-05	5.71E-06	2.34E-02	7.39E-06	3.13E-06	4.10E-03	1.29E-06	7.44E-08	4.19E-03	1.32E-06	1.00E-07	5.74E-06	3.16E-06
1063	490279.25, 3859915.26	4.26E-02	1.34E-05	5.71E-06	2.36E-02	7.45E-06	3.16E-06	4.44E-03	1.40E-06	8.05E-08	4.54E-03	1.43E-06	1.09E-07	5.73E-06	3.19E-06
1064	490329.25, 3859915.26	4.28E-02	1.35E-05	5.73E-06	2.39E-02	7.56E-06	3.21E-06	4.84E-03	1.53E-06	8.79E-08	4.96E-03	1.56E-06	1.19E-07	5.76E-06	3.24E-06
1065	490379.25, 3859915.26	4.31E-02	1.36E-05	5.78E-06	2.44E-02	7.71E-06	3.27E-06	5.34E-03	1.68E-06	9.69E-08	5.46E-03	1.72E-06	1.31E-07	5.81E-06	3.31E-06
1066	490429.25, 3859915.26	4.38E-02	1.38E-05	5.86E-06	2.52E-02	7.94E-06	3.37E-06	5.94E-03	1.87E-06	1.08E-07	6.08E-03	1.92E-06	1.46E-07	5.90E-06	3.41E-06
1067	490451.43, 3859872.59	4.93E-02	1.55E-05	6.60E-06	2.94E-02	9.29E-06	3.94E-06	8.48E-03	2.68E-06	1.54E-07	8.66E-03	2.73E-06	2.07E-07	6.65E-06	4.00E-06
1068	490501.43, 3859872.59	5.22E-02	1.65E-05	6.98E-06	3.20E-02	1.01E-05	4.28E-06	1.02E-02	3.22E-06	1.85E-07	1.04E-02	3.27E-06	2.48E-07	7.05E-06	4.34E-06
1069	490551.43, 3859872.59	5.68E-02	1.79E-05	7.60E-06	3.59E-02	1.13E-05	4.81E-06	1.28E-02	4.05E-06	2.33E-07	1.30E-02	4.10E-06	3.11E-07	7.68E-06	4.89E-06
1070	490601.43, 3859872.59	6.42E-02	2.03E-05	8.60E-06	4.23E-02	1.33E-05	5.66E-06	1.71E-02	5.38E-06	3.10E-07	1.71E-02	5.38E-06	4.09E-07	8.70E-06	5.76E-06
1071	490451.43, 3859922.59	4.36E-02	1.37E-05	5.83E-06	2.51E-02	7.91E-06	3.36E-06	5.99E-03	1.89E-06	1.09E-07	6.12E-03	1.93E-06	1.47E-07	5.87E-06	3.40E-06
1072	490501.43, 3859922.59	4.47E-02	1.41E-05	5.99E-06	2.61E-02	8.25E-06	3.50E-06	6.78E-03	2.14E-06	1.23E-07	6.93E-03	2.19E-06	1.66E-07	6.03E-06	3.54E-06
1073	490551.43, 3859922.59	4.65E-02	1.47E-05	6.22E-06	2.77E-02	8.75E-06	3.71E-06	7.87E-03	2.49E-06	1.43E-07	8.02E-03	2.53E-06	1.92E-07	6.27E-06	3.76E-06
1074	490601.43, 3859922.59	4.91E-02	1.55E-05	6.58E-06	3.00E-02	9.46E-06	4.02E-06	9.40E-03	2.97E-06	1.71E-07	9.53E-03	3.01E-06	2.28E-07	6.64E-06	4.07E-06
1075	482129.67, 3852241.07	3.20E-02	1.01E-05	4.28E-06	2.28E-02	7.19E-06	3.05E-06	1.12E-02	3.53E-06	2.03E-07	1.17E-02	3.70E-06	2.81E-07	4.36E-06	3.13E-06
1076	482029.67, 3852291.07	5.57E-02	1.76E-05	7.46E-06	4.06E-02	1.28E-05	5.44E-06	2.09E-02	6.59E-06	3.79E-07	2.18E-02	6.89E-06	5.23E-07	7.60E-06	5.58E-06

1077	482079.67, 3852291.07	4.41E-02	1.39E-05	5.91E-06	3.19E-02	1.01E-05	4.28E-06	1.62E-02	5.11E-06	2.94E-07	1.69E-02	5.35E-06	4.06E-07	6.02E-06	4.39E-06
1078	482129.67, 3852291.07	3.69E-02	1.16E-05	4.94E-06	2.64E-02	8.34E-06	3.54E-06	1.32E-02	4.15E-06	2.39E-07	1.38E-02	4.35E-06	3.30E-07	5.03E-06	3.63E-06
1079	482179.67, 3852291.07	3.18E-02	1.00E-05	4.26E-06	2.25E-02	7.12E-06	3.02E-06	1.09E-02	3.46E-06	1.99E-07	1.15E-02	3.62E-06	2.75E-07	4.34E-06	3.10E-06
1080	482229.67, 3852291.07	2.81E-02	8.88E-06	3.77E-06	1.97E-02	6.21E-06	2.64E-06	9.27E-03	2.92E-06	1.68E-07	9.73E-03	3.07E-06	2.33E-07	3.83E-06	2.70E-06
1081	482029.67, 3852341.07	7.53E-02	2.38E-05	1.01E-05	5.52E-02	1.74E-05	7.40E-06	2.88E-02	9.09E-06	5.23E-07	3.00E-02	9.48E-06	7.20E-07	1.03E-05	7.59E-06
1082	482079.67, 3852341.07	5.55E-02	1.75E-05	7.43E-06	4.04E-02	1.27E-05	5.40E-06	2.07E-02	6.53E-06	3.76E-07	2.16E-02	6.83E-06	5.18E-07	7.57E-06	5.55E-06
1083	482129.67, 3852341.07	4.40E-02	1.39E-05	5.89E-06	3.18E-02	1.00E-05	4.26E-06	1.61E-02	5.07E-06	2.92E-07	1.68E-02	5.31E-06	4.03E-07	6.00E-06	4.37E-06
1084	482179.67, 3852341.07	3.68E-02	1.16E-05	4.92E-06	2.63E-02	8.30E-06	3.52E-06	1.30E-02	4.11E-06	2.36E-07	1.36E-02	4.30E-06	3.26E-07	5.01E-06	3.61E-06
1085	482259.06, 3852400.14	3.48E-02	1.10E-05	4.67E-06	2.49E-02	7.85E-06	3.33E-06	1.23E-02	3.87E-06	2.23E-07	1.29E-02	4.06E-06	3.08E-07	4.75E-06	3.42E-06
1086	482309.06, 3852400.14	3.03E-02	9.56E-06	4.06E-06	2.13E-02	6.72E-06	2.85E-06	1.01E-02	3.20E-06	1.84E-07	1.06E-02	3.35E-06	2.55E-07	4.13E-06	2.92E-06
1087	482209.06, 3852450.14	5.00E-02	1.58E-05	6.69E-06	3.62E-02	1.14E-05	4.84E-06	1.84E-02	5.80E-06	3.34E-07	1.92E-02	6.07E-06	4.61E-07	6.82E-06	4.97E-06
1088	482259.06, 3852450.14	4.08E-02	1.29E-05	5.47E-06	2.93E-02	9.26E-06	3.93E-06	1.47E-02	4.63E-06	2.66E-07	1.53E-02	4.84E-06	3.68E-07	5.57E-06	4.03E-06
1089	482309.06, 3852450.14	3.47E-02	1.09E-05	4.64E-06	2.46E-02	7.76E-06	3.29E-06	1.20E-02	3.78E-06	2.17E-07	1.25E-02	3.96E-06	3.00E-07	4.72E-06	3.38E-06
1090	482209.06, 3852500.14	6.49E-02	2.05E-05	8.69E-06	4.72E-02	1.49E-05	6.32E-06	2.42E-02	7.64E-06	4.40E-07	2.53E-02	7.99E-06	6.06E-07	8.86E-06	6.49E-06
1091	482259.06, 3852500.14	4.98E-02	1.57E-05	6.67E-06	3.60E-02	1.14E-05	4.82E-06	1.82E-02	5.75E-06	3.31E-07	1.90E-02	6.01E-06	4.56E-07	6.80E-06	4.95E-06
1092	482309.06, 3852500.14	4.07E-02	1.28E-05	5.45E-06	2.91E-02	9.19E-06	3.90E-06	1.44E-02	4.55E-06	2.62E-07	1.51E-02	4.76E-06	3.61E-07	5.55E-06	4.00E-06
1093	482283.91, 3852513.62	4.74E-02	1.49E-05	6.34E-06	3.41E-02	1.08E-05	4.57E-06	1.72E-02	5.42E-06	3.12E-07	1.80E-02	5.67E-06	4.30E-07	6.46E-06	4.69E-06
1094	482333.91, 3852513.62	3.92E-02	1.24E-05	5.25E-06	2.80E-02	8.82E-06	3.74E-06	1.38E-02	4.35E-06	2.50E-07	1.44E-02	4.55E-06	3.45E-07	5.34E-06	3.84E-06
1095	482283.91, 3852563.62	6.04E-02	1.91E-05	8.09E-06	4.38E-02	1.38E-05	5.86E-06	2.23E-02	7.02E-06	4.04E-07	2.33E-02	7.34E-06	5.57E-07	8.24E-06	6.01E-06
1096	482333.91, 3852563.62	4.74E-02	1.49E-05	6.34E-06	3.41E-02	1.08E-05	4.56E-06	1.71E-02	5.39E-06	3.10E-07	1.79E-02	5.64E-06	4.28E-07	6.46E-06	4.68E-06
1097	482383.91, 3852563.62	3.93E-02	1.24E-05	5.27E-06	2.81E-02	8.85E-06	3.76E-06	1.38E-02	4.35E-06	2.50E-07	1.44E-02	4.56E-06	3.46E-07	5.36E-06	3.85E-06
1098	482283.91, 3852613.62	8.21E-02	2.59E-05	1.10E-05	5.99E-02	1.89E-05	8.02E-06	3.09E-02	9.75E-06	5.61E-07	3.22E-02	1.02E-05	7.72E-07	1.12E-05	8.23E-06
1099	482333.91, 3852613.62	6.02E-02	1.90E-05	8.06E-06	4.35E-02	1.37E-05	5.83E-06	2.20E-02	6.95E-06	4.00E-07	2.30E-02	7.27E-06	5.51E-07	8.21E-06	5.98E-06
1100	482383.91, 3852613.62	4.74E-02	1.50E-05	6.35E-06	3.40E-02	1.07E-05	4.56E-06	1.70E-02	5.36E-06	3.08E-07	1.78E-02	5.60E-06	4.25E-07	6.46E-06	4.67E-06
1101	482602.38, 3852600.87	2.56E-02	8.07E-06	3.43E-06	1.74E-02	5.50E-06	2.33E-06	7.70E-03	2.43E-06	1.40E-07	8.08E-03	2.55E-06	1.94E-07	3.48E-06	2.39E-06
1102	482652.38, 3852600.87	2.36E-02	7.46E-06	3.16E-06	1.59E-02	5.03E-06	2.13E-06	6.88E-03	2.17E-06	1.25E-07	7.24E-03	2.28E-06	1.73E-07	3.21E-06	2.18E-06
1103	482702.38, 3852600.87	2.19E-02	6.90E-06	2.93E-06	1.45E-02	4.58E-06	1.94E-06	6.01E-03	1.90E-06	1.09E-07	6.35E-03	2.00E-06	1.52E-07	2.97E-06	1.99E-06
1104	482552.38, 3852650.87	3.14E-02	9.92E-06	4.21E-06	2.19E-02	6.90E-06	2.93E-06	1.01E-02	3.20E-06	1.84E-07	1.06E-02	3.35E-06	2.54E-07	4.28E-06	3.00E-06
1105	482602.38, 3852650.87	2.82E-02	8.90E-06	3.78E-06	1.94E-02	6.11E-06	2.59E-06	8.75E-03	2.76E-06	1.59E-07	9.17E-03	2.89E-06	2.20E-07	3.84E-06	2.65E-06
1106	482652.38, 3852650.87	2.57E-02	8.12E-06	3.45E-06	1.75E-02	5.53E-06	2.35E-06	7.73E-03	2.44E-06	1.40E-07	8.13E-03	2.56E-06	1.95E-07	3.50E-06	2.40E-06
1107	482702.38, 3852650.87	2.38E-02	7.51E-06	3.19E-06	1.60E-02	5.06E-06	2.15E-06	6.92E-03	2.18E-06	1.26E-07	7.29E-03	2.30E-06	1.75E-07	3.23E-06	2.20E-06
1108	482552.38, 3852700.87	3.60E-02	1.14E-05	4.82E-06	2.52E-02	7.96E-06	3.38E-06	1.19E-02	3.77E-06	2.17E-07	1.25E-02	3.94E-06	2.99E-07	4.90E-06	3.46E-06
1109	482602.38, 3852700.87	3.17E-02	1.00E-05	4.25E-06	2.20E-02	6.95E-06	2.95E-06	1.02E-02	3.22E-06	1.85E-07	1.07E-02	3.37E-06	2.56E-07	4.32E-06	3.02E-06
1110	482652.38, 3852700.87	2.86E-02	9.04E-06	3.83E-06	1.98E-02	6.24E-06	2.65E-06	9.02E-03	2.85E-06	1.64E-07	9.47E-03	2.99E-06	2.27E-07	3.90E-06	2.71E-06
1111	482702.38, 3852700.87	2.60E-02	8.22E-06	3.49E-06	1.77E-02	5.60E-06	2.38E-06	7.86E-03	2.48E-06	1.43E-07	8.28E-03	2.61E-06	1.98E-07	3.54E-06	2.43E-06
1112	482452.38, 3852750.87	6.67E-02	2.10E-05	8.93E-06	4.79E-02	1.51E-05	6.42E-06	2.40E-02	7.58E-06	4.36E-07	2.51E-02	7.91E-06	6.00E-07	9.09E-06	6.58E-06
1113	482521.29, 3852749.74	4.72E-02	1.49E-05	6.32E-06	3.35E-02	1.06E-05	4.49E-06	1.63E-02	5.16E-06	2.97E-07	1.71E-02	5.39E-06	4.09E-07	6.43E-06	4.60E-06
1114	482571.29, 3852749.74	3.96E-02	1.25E-05	5.30E-06	2.78E-02	8.79E-06	3.73E-06	1.33E-02	4.20E-06	2.41E-07	1.39E-02	4.39E-06	3.33E-07	5.39E-06	3.82E-06
1115	482521.29, 3852799.74	5.97E-02	1.88E-05	7.99E-06	4.26E-02	1.35E-05	5.71E-06	2.10E-02	6.64E-06	3.82E-07	2.20E-02	6.93E-06	5.26E-07	8.14E-06	5.85E-06
1116	482571.29, 3852799.74	4.75E-02	1.50E-05	6.37E-06	3.36E-02	1.06E-05	4.51E-06	1.63E-02	5.14E-06	2.96E-07	1.70E-02	5.37E-06	4.08E-07	6.48E-06	4.62E-06
1117	482621.29, 3852799.74	3.99E-02	1.26E-05	5.34E-06	2.79E-02	8.81E-06	3.74E-06	1.32E-02	4.17E-06	2.40E-07	1.38E-02	4.36E-06	3.31E-07	5.43E-06	3.83E-06
1118	482571.29, 3852849.74	6.01E-02	1.90E-05	8.05E-06	4.27E-02	1.35E-05	5.72E-06	2.08E-02	6.56E-06	3.77E-07	2.17E-02	6.85E-06	5.20E-07	8.20E-06	5.86E-06
1119	482621.29, 3852849.74	4.79E-02	1.51E-05	6.42E-06	3.37E-02	1.06E-05	4.51E-06	1.60E-02	5.05E-06	2.90E-07	1.67E-02	5.28E-06	4.01E-07	6.53E-06	4.62E-06
1120	482577.42, 3852901.55	7.95E-02	2.51E-05	1.06E-05	5.64E-02	1.78E-05	7.55E-06	2.74E-02	8.65E-06	4.98E-07	2.86E-02	9.03E-06	6.85E-07	1.08E-05	7.74E-06
1121	482627.42, 3852901.55	5.94E-02	1.88E-05	7.96E-06	4.17E-02	1.31E-05	5.58E-06	1.97E-02	6.22E-06	3.58E-07	2.06E-02	6.50E-06	4.94E-07	8.10E-06	5.71E-06
1122	482629.96, 3852955.85	8.11E-02	2.56E-05	1.09E-05	5.68E-02	1.79E-05	7.60E-06	2.68E-02	8.47E-06	4.87E-07	2.80E-02	8.85E-06	6.71E-07	1.10E-05	7.79E-06
1123	482679.96, 3852955.85	6.05E-02	1.91E-05	8.10E-06	4.18E-02	1.32E-05	5.60E-06	1.92E-02	6.05E-06	3.48E-07	2.01E-02	6.35E-06	4.82E-07	8.23E-06	5.73E-06
1124	482781.63, 3853034.48	5.07E-02	1.60E-05	6.79E-06	3.38E-02	1.07E-05	4.53E-06	1.41E-02	4.46E-06	2.57E-07	1.50E-02	4.74E-06	3.60E-07	6.90E-06	4.63E-06
1125	482831.63, 3853034.48	4.21E-02	1.33E-05	5.64E-06	2.78E-02	8.79E-06	3.73E-06	1.14E-02	3.59E-06	2.07E-07	1.21E-02	3.82E-06	2.90E-07	5.72E-06	3.81E-06
1126	482881.63, 3853034.48	3.63E-02	1.15E-05	4.87E-06	2.38E-02	7.50E-06	3.18E-06	9.44E-03	2.98E-06	1.71E-07	1.01E-02	3.18E-06	2.41E-07	4.94E-06	3.25E-06
1127	482781.63, 3853084.48	5.82E-02	1.84E-05	7.79E-06	3.86E-02	1.22E-05	5.17E-06	1.60E-02	5.05E-06	2.90E-07	1.70E-02	5.36E-06	4.07E-07	7.91E-06	5.29E-06
1128	482831.63, 3853084.48	4.70E-02	1.48E-05	6.29E-06	3.10E-02	9.77E-06	4.15E-06	1.25E-02	3.96E-06	2.28E-07	1.33E-02	4.21E-06	3.20E-07	6.38E-06	4.24E-06
1129	482881.63, 3853084.48	3.99E-02	1.26E-05	5.35E-06	2.61E-02	8.24E-06	3.50E-06	1.03E-02	3.26E-06	1.88E-07	1.10E-02	3.47E-06	2.64E-07	5.42E-06	3.57E-06
1130	482781.63, 3853134.48	6.74E-02	2.13E-05	9.03E-06	4.49E-02	1.42E-05	6.01E-06	1.86E-02	5.88E-06	3.38E-07	1.98E-02	6.23E-06	4.73E-07	9.17E-06	6.14E-06
1131	482831.63, 3853134.48	5.27E-02	1.66E-05	7.06E-06	3.48E-02	1.10E-05	4.65E-06	1.41E-02	4.45E-06	2.56E-07	1.50E-02	4.73E-06	3.59E-07	7.16E-06	4.76E-06
1132	482881.63, 3853134.48	4.39E-02	1.39E-05	5.88E-06	2.87E-02	9.07E-06	3.85E-06	1.14E-02	3.59E-06	2.07E-07	1.21E-02	3.82E-06	2.90E-07	5.97E-06	3.93E-06
1133	482831.63, 3853184.48	6.01E-02	1.90E-05	8.04E-06	3.97E-02	1.25E-05	5.31E-06	1.62E-02	5.11E-06	2.94E-07	1.72E-02	5.42E-06	4.11E-07	8.16E-06	5.43E-06
1134	482881.63, 3853184.48	4.87E-02	1.54E-05	6.52E-06	3.19E-02	1.01E-05	4.27E-06	1.27E-02	4.00E-06	2.30E-07	1.35E-02	4.25E-06	3.23E-07	6.62E-06	4.36E-06
1135	484154.84, 3854250.98	5.54E-02	1.75E-05	7.42E-06	2.82E-02	8.92E-06	3.78E-06	1.96E-03	6.19E-07	3.56E-08	5.45E-03	1.72E-06	1.31E-07	7.52E-06	3.88E-06
1136	484204.84, 3854250.98	5.35E-02	1.69E-05	7.17E-06	2.73E-02	8.61E-06	3.65E-06	1.90E-03	5.99E-07	3.45E-08	5.15E-03	1.63E-06	1.23E-07	7.26E-06	3.74E-06
1137	484154.84, 3854300.98	6.02E-02	1.90E-05	8.07E-06	3.06E-02	9.65E-06	4.09E-06	1.94E-03	6.13E-07	3.52E-08	5.97E-03	1.89E-06	1.43E-07	8.17E-06	4.20E-06
1138	484204.84, 3854300.98	5.79E-02	1.83E-05	7.75E-06	2.94E-02	9.28E-06	3.94E-06	1.89E-03	5.97E-07	3.44E-08	5.66E-03	1.79E-06	1.36E-07	7.85E-06	4.04E-06
1139	484074.19, 3854519.8	1.06E-01	3.35E-05	1.42E-05	5.31E-02	1.68E-05	7.11E-06	2.14E-03	6.76E-07	3.89E-08	1.53E-02	4.82E-06	3.66E-07	1.46E-05	7.44E-06
1140	484124.19, 3854519.8	9.83E-02	3.10E-05	1.32E-05	4.92E-02	1.55E-05	6.58E-06	2.06E-03	6.50E-07	3.74E-08	1.29E-02	4.07E-06	3.09E-07	1.34E-05	6.85E-06
1141	484074.19, 3854569.8	1.26E-01	3.98E-05	1.69E-05	6.28E-02	1.98E-05	8.42E-06	2.20E-03	6.93E-07	3.99E-08	2.13E-02	6.72E-06	5.10E-07	1.74E-05	8.89E-06
1142	484124.19, 3854569.8	1.14E-01	3.61E-05	1.53E-05	5.71E-02	1.80E-05	7.64E-06	2.10E-03	6.62E-07	3.80E-08	1.69E-02	5.32E-06	4.04E-07	1.57E-05	8.01E-06
1143	485205.11, 3855188.89	1.12E-01	3.52E-05	1.49E-05	5.56E-02	1.75E-05	7.45E-06	1.97E-03	6.23E-07	3.58E-08	1.22E-02	3.85E-06	2.92E-07	1.52E-05	7.70E-06
1144	485255.11, 3855188.89	1.05E-01	3.31E-05	1.41E-05	5.23E-02	1.65E-05	7.01E-06	1.90E-03	6.01E-07	3.46E-08	1.04E-02	3.29E-06	2.50E-07	1.43E-05	7.23E-06
1145	485205.11, 3855238.89	1.24E-01	3.90E-05	1.66E-05	6.15E-02	1.94E-05	8.23E-06	2.02E-03	6.37E-07	3.66E-08	1.41E-02	4.45E-06	3.38E-07	1.69E-05	8.53E-06
1146	485255.11, 3855238.89	1.14E-01	3.60E-05	1.53E-05	5.68E-02	1.79E-05	7.61E-06	1.97E-03	6.21E-07	3.57E-08	1.20E-02	3.78E-06	2.87E-07	1.55E-05	7.86E-06
1147	485205.11, 3855288.89	1.38E-01	4.35E-05	1.85E-05	6.84E-02	2.16E-05	9.17E-06	2.14E-03	6.74E-07	3.88E-08	1.84E-02	5.80E-06	4.40E-07	1.89E-05	9.57E-06
1148	485255.11, 3855288.89	1.25E-01	3.94E-05	1.67E-05	6.21E-02	1.96E-05	8.31E-06	2.07E-03	6.54E-07	3.76E-08	1.47E-02	4.64E-06	3.52E-07	1.70E-05	8.63E-06
1149	485255.11, 3855338.89	1.40E-01	4.43E-05	1.88E-05	6.98E-02	2.20E-05	9.35E-06	2.18E-03	6.89E-07	3.96E-08	1.88E-02	5.94E-06	4.51E-07	1.92E-05	9.76E-06
1150	485305.11, 3855338.89	1.27E-01	3.99E-05	1.69E-05	6.30E-02	1.99E-05	8.43E-06	2.11E-03	6.66E-07	3.83E-08	1.50E-02	4.74E-06	3.60E-07	1.73E-05	8.75E-06
1151	485852.5, 3855635.28	9.82E-02	3.10E-05	1.31E-05	4.91E-02	1.55E-05	6.57E-06	2.01E-03	6.34E-07	3.65E-08	7.90E-03	2.49E-06	1.89E-07	1.33E-05	6.73E-06
1152	485902.5, 3855635.28	9.41E-02	2.97E-05	1.26E-05	4.70E-02	1.48E-05	6.30E-06	1.95E-03	6.15E-07	3.53E-08	7.12E-03	2.25E-06	1.71E-07	1.27E-05	6.43E-06
1153	485852.5, 3855685.28	1.04E-01	3.30E-05	1.40E-05	5.22E-02	1.65E-05	6.99E-06	2.08E-03	6.56E-07	3.77E-08	8.79E-03	2.78E-06	2.11E-07	1.42E-05	7.16E-06
1154	485902.5, 3855685.28	9.96E-02	3.14E-05	1.33E-05	4.98E-02	1.57E-05	6.66E-06	2.01E-03	6.34E-07	3.65E-08	7.84E-03	2.47E-06	1.88E-07	1.35E-05	6.82E-06
1155	485852.5, 3855735.28	1.12E-01	3.54E-05	1.50E-05	5.60E-02	1.77E-05	7.49E-06	2.15E-03	6.79E-07	3.90E-08	9.93E-03	3.13E-06	2.38E-07	1.52E-05	7.69E-06
1156	485902.5, 3855735.28	1.06E-01	3.34E-05	1.42E-05	5.29E-02	1.67E-05	7.08E-06	2.09E-03	6.59E-07	3.79E-08	8.78E-03	2.77E-06	2.10E-07	1.43E-05	7.25E-06
1157	485852.5, 3855785.28	1.22E-01	3.84E-05	1.63E-05	6.07E-02	1.91E-05	8.12E-06	2.24E-03	7.07E-07	4.07E-08	1.15E-02	3.63E-06	2.76E-07	1.65E-05	8.36E-06
1158	485902.5, 3855785.28	1.14E-01	3.59E-05	1.52E-05	5.68E-02	1.79E-05	7.60E-06	2.16E-03	6.80E-07	3.91E-08	9.89E-03	3.12E-06	2.37E-07	1.54E-05	7.80E-06
1159	486809.46, 3856465.28	1.01E-01	3.18E-05	1.35E-05	5.05E-02	1.59E-05	6.76E-06	2.14E-03	6.74E-07	3.88E-08	7.10E-03	2.24E-06	1.70E-07	1.36E-05	6.89E-06
1160	486859.46, 3856465.28	9.62E-02	3.03E-05	1.29E-05	4.82E-02	1.52E-05	6.45E-06	2.10E-03	6.63E-07	3.81E-08	6.56E-03	2.07E-06	1.57E-07	1.30E-05	6.57E-06
1161	486909.46, 3856465.28	9.21E-02	2.91E-05	1.23E-05	4.62E-02	1.46E-05	6.18E-06	2.06E-03	6.52E-07	3.75E-08	6.09E-03	1.92E-06	1.46E-07	1.24E-05	6.29E-06
1162	486809.46, 3856515.28	1.07E-01	3.37E-05	1.43E-05	5.34E-02	1.68E-05	7.15E-06	2.20E-03	6.96E-07	4.00E-08	7.80E-03	2.46E-06	1.87E-07	1.44E-05	7.29E-06
1163	486859.46, 3856515.28	1.01E-01	3.19E-05	1.35E-05	5.06E-02	1.60E-05	6.78E-06	2.17E-03	6.86E-07	3.94E-08	7.14E-03	2.25E-06	1.71E-07	1.37E-05	6.91E-06
1164	486909.46, 3856515.28	9.65E-02	3.04E-05	1.29E-05	4.83E-02	1.53E-05	6.47E-06	2.14E-03	6.74E-07	3.88E-08	6.59E-03	2.08E-06	1.58E-07	1.30E-05	6.59E-06
1165	486980.94, 3856357.95	8.03E-02	2.53E-05	1.08E-05	4.03E-02	1.27E-05	5.40E-06	1.90E-03	5.99E-07	3.44E-08	4.84E-03	1.53E-06	1.16E-07	1.08E-05	5.48E-06
1166	487030.94, 3856357.95	7.78E-02	2.46E-05	1.04E-05	3.91E-02	1.23E-05	5.23E-06	1.87E-03	5.90E-07	3.40E-08	4.60E-03	1.45E-06	1.10E-07	1.05E-05	5.31E-06

1167	486980.94, 3856407.95	8.32E-02	2.63E-05	1.11E-05	4.18E-02	1.32E-05	5.59E-06	1.96E-03	6.17E-07	3.55E-08	5.15E-03	1.63E-06	1.23E-07	1.12E-05	5.68E-06
1168	487030.94, 3856407.95	8.05E-02	2.54E-05	1.08E-05	4.04E-02	1.28E-05	5.41E-06	1.93E-03	6.08E-07	3.49E-08	4.87E-03	1.54E-06	1.17E-07	1.09E-05	5.50E-06
1169	487447.18, 3856437.45	6.52E-02	2.06E-05	8.73E-06	3.29E-02	1.04E-05	4.40E-06	1.76E-03	5.56E-07	3.20E-08	3.49E-03	1.10E-06	8.36E-08	8.78E-06	4.45E-06
1170	487497.18, 3856437.45	6.37E-02	2.01E-05	8.53E-06	3.21E-02	1.01E-05	4.30E-06	1.74E-03	5.50E-07	3.16E-08	3.37E-03	1.06E-06	8.07E-08	8.57E-06	4.35E-06
1171	487547.18, 3856437.45	6.22E-02	1.96E-05	8.33E-06	3.14E-02	9.91E-06	4.21E-06	1.73E-03	5.45E-07	3.14E-08	3.26E-03	1.03E-06	7.81E-08	8.38E-06	4.25E-06
1172	487447.18, 3856487.45	6.69E-02	2.11E-05	8.97E-06	3.38E-02	1.07E-05	4.52E-06	1.81E-03	5.71E-07	3.28E-08	3.63E-03	1.14E-06	8.68E-08	9.02E-06	4.57E-06
1173	487497.18, 3856487.45	6.54E-02	2.06E-05	8.75E-06	3.30E-02	1.04E-05	4.42E-06	1.79E-03	5.64E-07	3.24E-08	3.49E-03	1.10E-06	8.37E-08	8.81E-06	4.47E-06
1174	487547.18, 3856487.45	6.39E-02	2.02E-05	8.55E-06	3.22E-02	1.02E-05	4.32E-06	1.77E-03	5.59E-07	3.21E-08	3.38E-03	1.07E-06	8.09E-08	8.60E-06	4.37E-06
1175	487447.18, 3856537.45	6.89E-02	2.18E-05	9.23E-06	3.48E-02	1.10E-05	4.65E-06	1.86E-03	5.86E-07	3.37E-08	3.77E-03	1.19E-06	9.04E-08	9.29E-06	4.71E-06
1176	487497.18, 3856537.45	6.73E-02	2.12E-05	9.01E-06	3.39E-02	1.07E-05	4.54E-06	1.83E-03	5.78E-07	3.33E-08	3.63E-03	1.15E-06	8.70E-08	9.06E-06	4.60E-06
1177	487547.18, 3856537.45	6.57E-02	2.07E-05	8.80E-06	3.31E-02	1.05E-05	4.44E-06	1.82E-03	5.73E-07	3.30E-08	3.50E-03	1.11E-06	8.39E-08	8.85E-06	4.49E-06
1178	489285.89, 3858826.54	8.95E-02	2.83E-05	1.20E-05	4.90E-02	1.55E-05	6.56E-06	8.34E-03	2.63E-06	1.51E-07	9.01E-03	2.84E-06	2.16E-07	1.21E-05	6.62E-06
1179	489335.89, 3858826.54	8.44E-02	2.67E-05	1.13E-05	4.61E-02	1.46E-05	6.18E-06	7.77E-03	2.45E-06	1.41E-07	8.26E-03	2.61E-06	1.98E-07	1.14E-05	6.23E-06
1180	489385.89, 3858826.54	8.04E-02	2.54E-05	1.08E-05	4.38E-02	1.38E-05	5.87E-06	7.27E-03	2.29E-06	1.32E-07	7.62E-03	2.41E-06	1.83E-07	1.08E-05	5.92E-06
1181	489435.89, 3858826.54	7.69E-02	2.43E-05	1.03E-05	4.19E-02	1.32E-05	5.61E-06	6.83E-03	2.16E-06	1.24E-07	7.09E-03	2.24E-06	1.70E-07	1.03E-05	5.65E-06
1182	489485.89, 3858826.54	7.39E-02	2.33E-05	9.90E-06	4.01E-02	1.27E-05	5.38E-06	6.45E-03	2.04E-06	1.17E-07	6.63E-03	2.09E-06	1.59E-07	9.94E-06	5.42E-06
1183	489535.89, 3858826.54	7.12E-02	2.25E-05	9.54E-06	3.86E-02	1.22E-05	5.17E-06	6.12E-03	1.93E-06	1.11E-07	6.24E-03	1.97E-06	1.49E-07	9.57E-06	5.21E-06
1184	489585.89, 3858826.54	6.88E-02	2.17E-05	9.21E-06	3.72E-02	1.17E-05	4.99E-06	5.82E-03	1.84E-06	1.06E-07	5.90E-03	1.86E-06	1.41E-07	9.24E-06	5.02E-06
1185	489635.89, 3858826.54	6.65E-02	2.10E-05	8.91E-06	3.60E-02	1.14E-05	4.82E-06	5.55E-03	1.75E-06	1.01E-07	5.59E-03	1.76E-06	1.34E-07	8.94E-06	4.85E-06
1186	489685.89, 3858826.54	6.45E-02	2.04E-05	8.63E-06	3.48E-02	1.10E-05	4.66E-06	5.30E-03	1.67E-06	9.62E-08	5.32E-03	1.68E-06	1.28E-07	8.67E-06	4.69E-06
1187	489735.89, 3858826.54	6.26E-02	1.98E-05	8.38E-06	3.37E-02	1.06E-05	4.52E-06	5.08E-03	1.60E-06	9.21E-08	5.08E-03	1.60E-06	1.22E-07	8.41E-06	4.55E-06
1188	489785.89, 3858826.54	6.08E-02	1.92E-05	8.15E-06	3.28E-02	1.03E-05	4.39E-06	4.87E-03	1.54E-06	8.85E-08	4.86E-03	1.54E-06	1.17E-07	8.17E-06	4.41E-06
1189	489835.89, 3858826.54	5.92E-02	1.87E-05	7.93E-06	3.18E-02	1.01E-05	4.26E-06	4.68E-03	1.48E-06	8.50E-08	4.66E-03	1.47E-06	1.12E-07	7.96E-06	4.29E-06
1190	489885.89, 3858826.54	5.77E-02	1.82E-05	7.72E-06	3.10E-02	9.78E-06	4.15E-06	4.51E-03	1.42E-06	8.19E-08	4.48E-03	1.41E-06	1.07E-07	7.75E-06	4.17E-06
1191	489935.89, 3858826.54	5.62E-02	1.77E-05	7.53E-06	3.02E-02	9.52E-06	4.04E-06	4.35E-03	1.37E-06	7.90E-08	4.31E-03	1.36E-06	1.03E-07	7.55E-06	4.06E-06
1192	489985.89, 3858826.54	5.48E-02	1.73E-05	7.34E-06	2.94E-02	9.28E-06	3.94E-06	4.20E-03	1.33E-06	7.62E-08	4.16E-03	1.31E-06	9.96E-08	7.37E-06	3.96E-06
1193	490035.89, 3858826.54	5.36E-02	1.69E-05	7.17E-06	2.87E-02	9.05E-06	3.84E-06	4.05E-03	1.28E-06	7.35E-08	4.00E-03	1.26E-06	9.58E-08	7.19E-06	3.86E-06
1194	489285.89, 3858876.54	9.50E-02	3.00E-05	1.27E-05	5.25E-02	1.66E-05	7.03E-06	9.65E-03	3.04E-06	1.75E-07	1.05E-02	3.31E-06	2.51E-07	1.28E-05	7.10E-06
1195	489335.89, 3858876.54	8.89E-02	2.81E-05	1.19E-05	4.90E-02	1.55E-05	6.56E-06	8.88E-03	2.80E-06	1.61E-07	9.47E-03	2.99E-06	2.27E-07	1.20E-05	6.63E-06
1196	489385.89, 3858876.54	8.42E-02	2.66E-05	1.13E-05	4.63E-02	1.46E-05	6.20E-06	8.23E-03	2.60E-06	1.49E-07	8.65E-03	2.73E-06	2.07E-07	1.13E-05	6.25E-06
1197	489435.89, 3858876.54	8.03E-02	2.53E-05	1.08E-05	4.40E-02	1.39E-05	5.90E-06	7.68E-03	2.42E-06	1.39E-07	7.97E-03	2.52E-06	1.91E-07	1.08E-05	5.95E-06
1198	489485.89, 3858876.54	7.69E-02	2.43E-05	1.03E-05	4.21E-02	1.33E-05	5.63E-06	7.19E-03	2.27E-06	1.31E-07	7.40E-03	2.33E-06	1.77E-07	1.03E-05	5.68E-06
1199	489535.89, 3858876.54	7.39E-02	2.33E-05	9.89E-06	4.03E-02	1.27E-05	5.40E-06	6.77E-03	2.14E-06	1.23E-07	6.90E-03	2.18E-06	1.65E-07	9.94E-06	5.44E-06
1200	489585.89, 3858876.54	7.12E-02	2.25E-05	9.53E-06	3.88E-02	1.22E-05	5.19E-06	6.39E-03	2.02E-06	1.16E-07	6.48E-03	2.04E-06	1.55E-07	9.57E-06	5.23E-06
1201	489635.89, 3858876.54	6.87E-02	2.17E-05	9.20E-06	3.73E-02	1.18E-05	5.00E-06	6.06E-03	1.91E-06	1.10E-07	6.11E-03	1.93E-06	1.46E-07	9.23E-06	5.04E-06
1202	489685.89, 3858876.54	6.64E-02	2.10E-05	8.89E-06	3.60E-02	1.14E-05	4.83E-06	5.77E-03	1.82E-06	1.05E-07	5.79E-03	1.83E-06	1.39E-07	8.93E-06	4.86E-06
1203	489735.89, 3858876.54	6.43E-02	2.03E-05	8.62E-06	3.49E-02	1.10E-05	4.67E-06	5.50E-03	1.74E-06	9.98E-08	5.50E-03	1.74E-06	1.32E-07	8.65E-06	4.70E-06
1204	489785.89, 3858876.54	6.24E-02	1.97E-05	8.36E-06	3.38E-02	1.07E-05	4.52E-06	5.26E-03	1.66E-06	9.55E-08	5.25E-03	1.66E-06	1.26E-07	8.39E-06	4.55E-06
1205	489835.89, 3858876.54	6.06E-02	1.91E-05	8.12E-06	3.28E-02	1.03E-05	4.39E-06	5.04E-03	1.59E-06	9.15E-08	5.02E-03	1.58E-06	1.20E-07	8.15E-06	4.42E-06
1206	489885.89, 3858876.54	5.89E-02	1.86E-05	7.89E-06	3.18E-02	1.00E-05	4.26E-06	4.85E-03	1.53E-06	8.80E-08	4.82E-03	1.52E-06	1.15E-07	7.92E-06	4.29E-06
1207	489935.89, 3858876.54	5.74E-02	1.81E-05	7.68E-06	3.09E-02	9.77E-06	4.14E-06	4.66E-03	1.47E-06	8.45E-08	4.62E-03	1.46E-06	1.11E-07	7.71E-06	4.17E-06
1208	489985.89, 3858876.54	5.59E-02	1.77E-05	7.49E-06	3.01E-02	9.50E-06	4.03E-06	4.47E-03	1.41E-06	8.12E-08	4.43E-03	1.40E-06	1.06E-07	7.51E-06	4.06E-06
1209	490035.89, 3858876.54	5.46E-02	1.72E-05	7.31E-06	2.93E-02	9.26E-06	3.93E-06	4.30E-03	1.36E-06	7.81E-08	4.26E-03	1.34E-06	1.02E-07	7.33E-06	3.95E-06
1210	489285.89, 3858926.54	1.05E-01	3.31E-05	1.40E-05	5.84E-02	1.84E-05	7.82E-06	1.15E-02	3.62E-06	2.08E-07	1.25E-02	3.95E-06	3.00E-07	1.41E-05	7.91E-06
1211	489335.89, 3858926.54	9.66E-02	3.05E-05	1.29E-05	5.37E-02	1.70E-05	7.20E-06	1.04E-02	3.28E-06	1.89E-07	1.11E-02	3.51E-06	2.66E-07	1.30E-05	7.27E-06
1212	489385.89, 3858926.54	9.07E-02	2.86E-05	1.21E-05	5.03E-02	1.59E-05	6.73E-06	9.50E-03	3.00E-06	1.73E-07	1.00E-02	3.16E-06	2.40E-07	1.22E-05	6.80E-06
1213	489435.89, 3858926.54	8.60E-02	2.71E-05	1.15E-05	4.75E-02	1.50E-05	6.36E-06	8.76E-03	2.77E-06	1.59E-07	9.11E-03	2.87E-06	2.18E-07	1.16E-05	6.42E-06
1214	489485.89, 3858926.54	8.18E-02	2.58E-05	1.09E-05	4.50E-02	1.42E-05	6.03E-06	8.13E-03	2.57E-06	1.48E-07	8.37E-03	2.64E-06	2.00E-07	1.10E-05	6.08E-06
1215	489535.89, 3858926.54	7.79E-02	2.46E-05	1.04E-05	4.28E-02	1.35E-05	5.74E-06	7.59E-03	2.39E-06	1.38E-07	7.75E-03	2.44E-06	1.86E-07	1.05E-05	5.78E-06
1216	489585.89, 3858926.54	7.46E-02	2.35E-05	9.99E-06	4.09E-02	1.29E-05	5.48E-06	7.11E-03	2.24E-06	1.29E-07	7.21E-03	2.28E-06	1.73E-07	1.00E-05	5.52E-06
1217	489635.89, 3858926.54	7.16E-02	2.26E-05	9.59E-06	3.92E-02	1.24E-05	5.25E-06	6.70E-03	2.11E-06	1.22E-07	6.76E-03	2.13E-06	1.62E-07	9.63E-06	5.29E-06
1218	489685.89, 3858926.54	6.90E-02	2.18E-05	9.24E-06	3.77E-02	1.19E-05	5.04E-06	6.33E-03	2.00E-06	1.15E-07	6.36E-03	2.01E-06	1.52E-07	9.28E-06	5.08E-06
1219	489735.89, 3858926.54	6.66E-02	2.10E-05	8.92E-06	3.63E-02	1.15E-05	4.86E-06	6.01E-03	1.90E-06	1.09E-07	6.02E-03	1.90E-06	1.44E-07	8.95E-06	4.89E-06
1220	489785.89, 3858926.54	6.44E-02	2.03E-05	8.62E-06	3.50E-02	1.11E-05	4.69E-06	5.72E-03	1.81E-06	1.04E-07	5.72E-03	1.81E-06	1.37E-07	8.66E-06	4.73E-06
1221	489835.89, 3858926.54	6.24E-02	1.97E-05	8.36E-06	3.39E-02	1.07E-05	4.54E-06	5.46E-03	1.72E-06	9.91E-08	5.44E-03	1.72E-06	1.30E-07	8.39E-06	4.57E-06
1222	489885.89, 3858926.54	6.06E-02	1.91E-05	8.11E-06	3.28E-02	1.04E-05	4.40E-06	5.23E-03	1.65E-06	9.49E-08	5.20E-03	1.64E-06	1.25E-07	8.14E-06	4.43E-06
1223	489935.89, 3858926.54	5.88E-02	1.86E-05	7.88E-06	3.19E-02	1.01E-05	4.27E-06	5.01E-03	1.58E-06	9.09E-08	4.98E-03	1.57E-06	1.19E-07	7.91E-06	4.30E-06
1224	489985.89, 3858926.54	5.73E-02	1.81E-05	7.67E-06	3.10E-02	9.78E-06	4.15E-06	4.80E-03	1.52E-06	8.72E-08	4.76E-03	1.50E-06	1.14E-07	7.70E-06	4.17E-06
1225	490035.89, 3858926.54	5.58E-02	1.76E-05	7.47E-06	3.01E-02	9.51E-06	4.03E-06	4.58E-03	1.45E-06	8.32E-08	4.54E-03	1.43E-06	1.09E-07	7.50E-06	4.06E-06
1226	489335.89, 3858976.54	1.16E-01	3.65E-05	1.55E-05	6.45E-02	2.03E-05	8.63E-06	1.26E-02	3.96E-06	2.28E-07	1.35E-02	4.25E-06	3.22E-07	1.56E-05	8.73E-06
1227	489385.89, 3858976.54	1.08E-01	3.39E-05	1.44E-05	5.96E-02	1.88E-05	7.98E-06	1.13E-02	3.55E-06	2.04E-07	1.19E-02	3.75E-06	2.84E-07	1.45E-05	8.06E-06
1228	489435.89, 3858976.54	9.79E-02	3.09E-05	1.31E-05	5.43E-02	1.71E-05	7.27E-06	1.02E-02	3.23E-06	1.86E-07	1.07E-02	3.36E-06	2.55E-07	1.32E-05	7.34E-06
1229	489485.89, 3858976.54	9.03E-02	2.85E-05	1.21E-05	5.00E-02	1.58E-05	6.69E-06	9.37E-03	2.96E-06	1.70E-07	9.66E-03	3.05E-06	2.31E-07	1.21E-05	6.75E-06
1230	489535.89, 3858976.54	8.42E-02	2.66E-05	1.13E-05	4.66E-02	1.47E-05	6.24E-06	8.64E-03	2.73E-06	1.57E-07	8.84E-03	2.79E-06	2.12E-07	1.13E-05	6.29E-06
1231	489585.89, 3858976.54	7.95E-02	2.51E-05	1.06E-05	4.39E-02	1.38E-05	5.88E-06	8.03E-03	2.53E-06	1.46E-07	8.17E-03	2.58E-06	1.96E-07	1.07E-05	5.93E-06
1232	489635.89, 3858976.54	7.57E-02	2.39E-05	1.01E-05	4.17E-02	1.32E-05	5.58E-06	7.50E-03	2.37E-06	1.36E-07	7.59E-03	2.40E-06	1.82E-07	1.02E-05	5.63E-06
1233	489685.89, 3858976.54	7.24E-02	2.29E-05	9.70E-06	3.98E-02	1.26E-05	5.33E-06	7.03E-03	2.22E-06	1.28E-07	7.09E-03	2.24E-06	1.70E-07	9.74E-06	5.37E-06
1234	489735.89, 3858976.54	6.96E-02	2.20E-05	9.32E-06	3.81E-02	1.20E-05	5.11E-06	6.63E-03	2.09E-06	1.20E-07	6.66E-03	2.10E-06	1.60E-07	9.36E-06	5.15E-06
1235	489785.89, 3858976.54	6.70E-02	2.11E-05	8.97E-06	3.67E-02	1.16E-05	4.91E-06	6.28E-03	1.98E-06	1.14E-07	6.30E-03	1.99E-06	1.51E-07	9.01E-06	4.95E-06
1236	489835.89, 3858976.54	6.47E-02	2.04E-05	8.66E-06	3.53E-02	1.12E-05	4.73E-06	5.97E-03	1.88E-06	1.08E-07	5.97E-03	1.88E-06	1.43E-07	8.70E-06	4.77E-06
1237	489885.89, 3858976.54	6.26E-02	1.98E-05	8.38E-06	3.41E-02	1.08E-05	4.57E-06	5.68E-03	1.79E-06	1.03E-07	5.66E-03	1.79E-06	1.36E-07	8.42E-06	4.60E-06
1238	489935.89, 3858976.54	6.07E-02	1.91E-05	8.12E-06	3.30E-02	1.04E-05	4.42E-06	5.41E-03	1.71E-06	9.83E-08	5.39E-03	1.70E-06	1.29E-07	8.16E-06	4.45E-06
1239	489985.89, 3858976.54	5.89E-02	1.86E-05	7.88E-06	3.20E-02	1.01E-05	4.29E-06	5.18E-03	1.63E-06	9.40E-08	5.15E-03	1.63E-06	1.23E-07	7.91E-06	4.31E-06
1240	490035.89, 3858976.54	5.73E-02	1.81E-05	7.68E-06	3.11E-02	9.80E-06	4.16E-06	4.88E-03	1.54E-06	8.85E-08	4.85E-03	1.53E-06	1.16E-07	7.70E-06	4.19E-06
1241	489385.89, 3859026.54	1.28E-01	4.05E-05	1.72E-05	7.15E-02	2.26E-05	9.57E-06	1.38E-02	4.37E-06	2.51E-07	1.47E-02	4.63E-06	3.51E-07	1.73E-05	9.67E-06
1242	489435.89, 3859026.54	1.18E-01	3.74E-05	1.59E-05	6.56E-02	2.07E-05	8.78E-06	1.23E-02	3.88E-06	2.23E-07	1.29E-02	4.06E-06	3.08E-07	1.59E-05	8.86E-06
1243	489485.89, 3859026.54	1.02E-01	3.23E-05	1.37E-05	5.69E-02	1.80E-05	7.62E-06	1.11E-02	3.49E-06	2.01E-07	1.15E-02	3.62E-06	2.75E-07	1.38E-05	7.69E-06
1244	489535.89, 3859026.54	9.27E-02	2.93E-05	1.24E-05	5.16E-02	1.63E-05	6.91E-06	1.01E-02	3.18E-06	1.83E-07	1.04E-02	3.27E-06	2.48E-07	1.25E-05	6.98E-06
1245	489585.89, 3859026.54	8.63E-02	2.73E-05	1.16E-05	4.80E-02	1.51E-05	6.42E-06	9.22E-03	2.91E-06	1.67E-07	9.43E-03	2.98E-06	2.26E-07	1.16E-05	6.48E-06
1246	489635.89, 3859026.54	8.15E-02	2.57E-05	1.09E-05	4.51E-02	1.42E-05	6.05E-06	8.52E-03	2.69E-06	1.55E-07	8.67E-03	2.74E-06	2.08E-07	1.10E-05	6.10E-06
1247	489685.89, 3859026.54	7.73E-02	2.44E-05	1.04E-05	4.28E-02	1.35E-05	5.72E-06	7.93E-03	2.50E-06	1.44E-07	8.03E-03	2.53E-06	1.92E-07	1.04E-05	5.77E-06
1248	489735.89, 3859026.54	7.37E-02	2.33E-05	9.87E-06	4.06E-02	1.28E-05	5.44E-06	7.42E-03	2.34E-06	1.35E-07	7.49E-03	2.36E-06	1.79E-07	9.91E-06	5.49E-06
1249	489785.89, 3859026.54	7.05E-02	2.22E-05	9.44E-06	3.88E-02	1.22E-05	5.20E-06	6.98E-03	2.20E-06	1.27E-07	7.02E-03	2.22E-06	1.68E-07	9.48E-06	5.24E-06
1250	489835.89, 3859026.54	6.77E-02	2.14E-05	9.06E-06	3.72E-02	1.17E-05	4.98E-06	6.57E-03	2.07E-06	1.19E-07	6.60E-03	2.08E-06	1.58E-07	9.10E-06	5.02E-06
1251	489885.89, 3859026.54	6.52E-02	2.06E-05	8.73E-06	3.57E-02	1.13E-05	4.79E-06	6.22E-03	1.96E-06	1.13E-07	6.23E-03	1.97E-06	1.49E-07	8.77E-06	4.82E-06
1252	489935.89, 3859026.54	6.29E-02	1.99E-05	8.43E-06	3.44E-02	1.09E-05	4.61E-06	5.90E-03	1.86E-06	1.07E-07	5.90E-03	1.86E-06	1.41E-07	8.46E-06	4.65E-06
1253	489985.89, 3859026.54	6.09E-02	1.92E-05	8.15E-06	3.33E-02	1.05E-05	4.45E-06	5.61E-03	1.77E-06	1.02E-07	5.61E-03	1.77E-06	1.34E-07	8.19E-06	4.49E-06
1254	490035.89, 3859026.54	5.91E-02	1.87E-05	7.92E-06	3.22E-02	1.01E-05	4.31E-06	5.25E-03	1.66E-06	9.52E-08	5.23E-03	1.65E-06	1.25E-07	7.95E-06	4.34E-06
1255	489485.89, 3859076.54	1.19E-01	3.76E-05	1.59E-05	6.67E-02	2.11E-05	8.93E-06	1.35E-02	4.27E-06	2.46E-07	1.42E-02	4.47E-06	3.39E-07	1.60E-05	9.03E-06
1256	489535.89, 3859076.54	1.09E-01	3.45E-05	1.46E-05	6.10E-02	1.92E-05	8.16E-06	1.20E-02	3.80E-06	2.19E-07	1.25E-02	3.94E-06	2.99E-07	1.47E-05	8.24E-06

1257	489585.89, 3859076.54	9.92E-02	3.13E-05	1.33E-05	5.53E-02	1.75E-05	7.41E-06	1.08E-02	3.42E-06	1.97E-07	1.12E-02	3.53E-06	2.68E-07	1.34E-05	7.48E-06
1258	489635.89, 3859076.54	9.14E-02	2.88E-05	1.22E-05	5.09E-02	1.61E-05	6.81E-06	9.90E-03	3.12E-06	1.80E-07	1.01E-02	3.20E-06	2.43E-07	1.23E-05	6.87E-06
1259	489685.89, 3859076.54	8.49E-02	2.68E-05	1.14E-05	4.72E-02	1.49E-05	6.32E-06	9.10E-03	2.87E-06	1.65E-07	9.28E-03	2.93E-06	2.22E-07	1.14E-05	6.38E-06
1260	489735.89, 3859076.54	7.96E-02	2.51E-05	1.07E-05	4.42E-02	1.39E-05	5.92E-06	8.43E-03	2.66E-06	1.53E-07	8.56E-03	2.70E-06	2.05E-07	1.07E-05	5.97E-06
1261	489785.89, 3859076.54	7.52E-02	2.37E-05	1.01E-05	4.17E-02	1.32E-05	5.58E-06	7.85E-03	2.48E-06	1.42E-07	7.95E-03	2.51E-06	1.90E-07	1.01E-05	5.63E-06
1262	489835.89, 3859076.54	7.16E-02	2.26E-05	9.59E-06	3.96E-02	1.25E-05	5.30E-06	7.34E-03	2.32E-06	1.33E-07	7.41E-03	2.34E-06	1.77E-07	9.63E-06	5.34E-06
1263	489885.89, 3859076.54	6.85E-02	2.16E-05	9.17E-06	3.78E-02	1.19E-05	5.06E-06	6.89E-03	2.17E-06	1.25E-07	6.94E-03	2.19E-06	1.66E-07	9.21E-06	5.10E-06
1264	489935.89, 3859076.54	6.57E-02	2.07E-05	8.80E-06	3.62E-02	1.14E-05	4.85E-06	6.50E-03	2.05E-06	1.18E-07	6.54E-03	2.06E-06	1.57E-07	8.84E-06	4.88E-06
1265	489985.89, 3859076.54	6.33E-02	2.00E-05	8.48E-06	3.48E-02	1.10E-05	4.66E-06	6.15E-03	1.94E-06	1.12E-07	6.17E-03	1.95E-06	1.48E-07	8.52E-06	4.70E-06
1266	490035.89, 3859076.54	6.12E-02	1.93E-05	8.20E-06	3.35E-02	1.06E-05	4.49E-06	5.73E-03	1.81E-06	1.04E-07	5.75E-03	1.81E-06	1.38E-07	8.23E-06	4.52E-06
1267	489585.89, 3859126.54	1.27E-01	4.00E-05	1.70E-05	7.02E-02	2.22E-05	9.40E-06	1.32E-02	4.17E-06	2.40E-07	1.38E-02	4.34E-06	3.30E-07	1.71E-05	9.49E-06
1268	489635.89, 3859126.54	1.09E-01	3.44E-05	1.46E-05	6.06E-02	1.91E-05	8.12E-06	1.18E-02	3.73E-06	2.15E-07	1.22E-02	3.86E-06	2.93E-07	1.47E-05	8.20E-06
1269	489685.89, 3859126.54	9.63E-02	3.04E-05	1.29E-05	5.38E-02	1.70E-05	7.20E-06	1.07E-02	3.37E-06	1.94E-07	1.10E-02	3.47E-06	2.63E-07	1.30E-05	7.27E-06
1270	489735.89, 3859126.54	8.76E-02	2.76E-05	1.17E-05	4.89E-02	1.54E-05	6.55E-06	9.76E-03	3.08E-06	1.77E-07	9.98E-03	3.15E-06	2.39E-07	1.18E-05	6.61E-06
1271	489785.89, 3859126.54	8.13E-02	2.57E-05	1.09E-05	4.54E-02	1.43E-05	6.08E-06	8.98E-03	2.84E-06	1.63E-07	9.16E-03	2.89E-06	2.19E-07	1.09E-05	6.13E-06
1272	489835.89, 3859126.54	7.66E-02	2.42E-05	1.03E-05	4.26E-02	1.35E-05	5.71E-06	8.32E-03	2.62E-06	1.51E-07	8.45E-03	2.67E-06	2.02E-07	1.03E-05	5.76E-06
1273	489885.89, 3859126.54	7.26E-02	2.29E-05	9.72E-06	4.03E-02	1.27E-05	5.40E-06	7.73E-03	2.44E-06	1.40E-07	7.83E-03	2.47E-06	1.88E-07	9.77E-06	5.45E-06
1274	489935.89, 3859126.54	6.92E-02	2.19E-05	9.27E-06	3.84E-02	1.21E-05	5.14E-06	7.24E-03	2.29E-06	1.31E-07	7.32E-03	2.31E-06	1.75E-07	9.32E-06	5.18E-06
1275	489985.89, 3859126.54	6.63E-02	2.09E-05	8.88E-06	3.67E-02	1.16E-05	4.91E-06	6.78E-03	2.14E-06	1.23E-07	6.84E-03	2.16E-06	1.64E-07	8.92E-06	4.95E-06
1276	490035.89, 3859126.54	6.38E-02	2.01E-05	8.54E-06	3.51E-02	1.11E-05	4.70E-06	6.33E-03	2.00E-06	1.15E-07	6.38E-03	2.01E-06	1.53E-07	8.58E-06	4.74E-06
1277	489585.89, 3859176.54	1.43E-01	4.51E-05	1.92E-05	8.05E-02	2.54E-05	1.08E-05	1.69E-02	5.34E-06	3.07E-07	1.78E-02	5.61E-06	4.26E-07	1.93E-05	1.09E-05
1278	489635.89, 3859176.54	1.29E-01	4.07E-05	1.73E-05	7.22E-02	2.28E-05	9.67E-06	1.47E-02	4.63E-06	2.66E-07	1.53E-02	4.82E-06	3.66E-07	1.74E-05	9.77E-06
1279	489685.89, 3859176.54	1.10E-01	3.46E-05	1.47E-05	6.17E-02	1.95E-05	8.26E-06	1.30E-02	4.09E-06	2.35E-07	1.34E-02	4.24E-06	3.22E-07	1.48E-05	8.35E-06
1280	489735.89, 3859176.54	9.79E-02	3.09E-05	1.31E-05	5.52E-02	1.74E-05	7.39E-06	1.16E-02	3.67E-06	2.11E-07	1.20E-02	3.78E-06	2.87E-07	1.32E-05	7.46E-06
1281	489785.89, 3859176.54	8.99E-02	2.84E-05	1.20E-05	5.05E-02	1.59E-05	6.77E-06	1.05E-02	3.32E-06	1.91E-07	1.08E-02	3.41E-06	2.59E-07	1.21E-05	6.83E-06
1282	489835.89, 3859176.54	8.36E-02	2.64E-05	1.12E-05	4.69E-02	1.48E-05	6.28E-06	9.61E-03	3.03E-06	1.74E-07	9.83E-03	3.10E-06	2.36E-07	1.12E-05	6.34E-06
1283	489885.89, 3859176.54	7.83E-02	2.47E-05	1.05E-05	4.38E-02	1.38E-05	5.87E-06	8.84E-03	2.79E-06	1.60E-07	9.02E-03	2.85E-06	2.16E-07	1.05E-05	5.93E-06
1284	489935.89, 3859176.54	7.39E-02	2.33E-05	9.90E-06	4.13E-02	1.30E-05	5.53E-06	8.20E-03	2.59E-06	1.49E-07	8.34E-03	2.63E-06	2.00E-07	9.95E-06	5.58E-06
1285	489985.89, 3859176.54	7.02E-02	2.22E-05	9.40E-06	3.91E-02	1.23E-05	5.23E-06	7.60E-03	2.40E-06	1.38E-07	7.71E-03	2.43E-06	1.85E-07	9.45E-06	5.28E-06
1286	490035.89, 3859176.54	6.70E-02	2.11E-05	8.97E-06	3.72E-02	1.17E-05	4.98E-06	7.12E-03	2.25E-06	1.29E-07	7.22E-03	2.28E-06	1.73E-07	9.02E-06	5.03E-06
1287	489685.89, 3859226.54	1.32E-01	4.16E-05	1.77E-05	7.49E-02	2.36E-05	1.00E-05	1.65E-02	5.20E-06	2.99E-07	1.72E-02	5.43E-06	4.12E-07	1.78E-05	1.01E-05
1288	489735.89, 3859226.54	1.23E-01	3.89E-05	1.65E-05	6.93E-02	2.19E-05	9.28E-06	1.44E-02	4.54E-06	2.61E-07	1.49E-02	4.71E-06	3.58E-07	1.66E-05	9.37E-06
1289	489785.89, 3859226.54	1.07E-01	3.39E-05	1.44E-05	6.04E-02	1.91E-05	8.09E-06	1.27E-02	4.01E-06	2.31E-07	1.32E-02	4.15E-06	3.15E-07	1.45E-05	8.18E-06
1290	489835.89, 3859226.54	9.57E-02	3.02E-05	1.28E-05	5.39E-02	1.70E-05	7.22E-06	1.14E-02	3.59E-06	2.07E-07	1.17E-02	3.71E-06	2.81E-07	1.29E-05	7.29E-06
1291	489885.89, 3859226.54	8.69E-02	2.74E-05	1.16E-05	4.90E-02	1.55E-05	6.56E-06	1.03E-02	3.26E-06	1.87E-07	1.06E-02	3.35E-06	2.54E-07	1.17E-05	6.63E-06
1292	489935.89, 3859226.54	8.03E-02	2.54E-05	1.08E-05	4.52E-02	1.43E-05	6.05E-06	9.43E-03	2.98E-06	1.71E-07	9.67E-03	3.05E-06	2.32E-07	1.08E-05	6.11E-06
1293	489985.89, 3859226.54	7.52E-02	2.37E-05	1.01E-05	4.22E-02	1.33E-05	5.65E-06	8.62E-03	2.72E-06	1.56E-07	8.81E-03	2.78E-06	2.11E-07	1.01E-05	5.70E-06
1294	490035.89, 3859226.54	7.11E-02	2.24E-05	9.52E-06	3.98E-02	1.26E-05	5.33E-06	8.02E-03	2.53E-06	1.46E-07	8.19E-03	2.58E-06	1.96E-07	9.57E-06	5.38E-06
1295	489735.89, 3859276.54	1.46E-01	4.62E-05	1.96E-05	8.34E-02	2.63E-05	1.12E-05	1.88E-02	5.94E-06	3.42E-07	1.98E-02	6.24E-06	4.73E-07	1.97E-05	1.13E-05
1296	489785.89, 3859276.54	1.36E-01	4.29E-05	1.82E-05	7.66E-02	2.42E-05	1.03E-05	1.61E-02	5.08E-06	2.92E-07	1.68E-02	5.31E-06	4.03E-07	1.83E-05	1.04E-05
1297	489835.89, 3859276.54	1.14E-01	3.59E-05	1.52E-05	6.44E-02	2.03E-05	8.62E-06	1.40E-02	4.42E-06	2.54E-07	1.46E-02	4.60E-06	3.49E-07	1.53E-05	8.72E-06
1298	489885.89, 3859276.54	9.82E-02	3.10E-05	1.31E-05	5.58E-02	1.76E-05	7.47E-06	1.24E-02	3.92E-06	2.26E-07	1.29E-02	4.07E-06	3.09E-07	1.32E-05	7.56E-06
1299	489935.89, 3859276.54	8.86E-02	2.80E-05	1.19E-05	5.03E-02	1.59E-05	6.74E-06	1.11E-02	3.52E-06	2.02E-07	1.15E-02	3.64E-06	2.76E-07	1.19E-05	6.81E-06
1300	489985.89, 3859276.54	8.18E-02	2.58E-05	1.10E-05	4.63E-02	1.46E-05	6.20E-06	1.00E-02	3.15E-06	1.81E-07	1.03E-02	3.25E-06	2.47E-07	1.10E-05	6.26E-06
1301	490035.89, 3859276.54	7.67E-02	2.42E-05	1.03E-05	4.33E-02	1.37E-05	5.80E-06	9.25E-03	2.92E-06	1.68E-07	9.51E-03	3.00E-06	2.28E-07	1.03E-05	5.86E-06
1302	490458.06, 3859590.74	1.04E-01	3.27E-05	1.39E-05	6.05E-02	1.91E-05	8.11E-06	1.56E-02	4.92E-06	2.83E-07	1.64E-02	5.17E-06	3.92E-07	1.40E-05	8.21E-06
1303	490508.06, 3859590.74	9.07E-02	2.86E-05	1.21E-05	5.30E-02	1.67E-05	7.10E-06	1.38E-02	4.35E-06	2.50E-07	1.45E-02	4.57E-06	3.47E-07	1.22E-05	7.20E-06
1304	490558.06, 3859590.74	8.14E-02	2.57E-05	1.09E-05	4.75E-02	1.50E-05	6.37E-06	1.23E-02	3.88E-06	2.23E-07	1.29E-02	4.07E-06	3.09E-07	1.10E-05	6.45E-06
1305	490608.06, 3859590.74	7.44E-02	2.35E-05	9.97E-06	4.34E-02	1.37E-05	5.81E-06	1.11E-02	3.49E-06	2.01E-07	1.16E-02	3.65E-06	2.77E-07	1.00E-05	5.88E-06
1306	490658.06, 3859590.74	6.90E-02	2.18E-05	9.25E-06	4.01E-02	1.26E-05	5.37E-06	1.00E-02	3.16E-06	1.82E-07	1.05E-02	3.31E-06	2.51E-07	9.31E-06	5.44E-06
1307	490708.06, 3859590.74	6.47E-02	2.04E-05	8.66E-06	3.74E-02	1.18E-05	5.01E-06	9.13E-03	2.88E-06	1.66E-07	9.54E-03	3.01E-06	2.29E-07	8.73E-06	5.07E-06
1308	490758.06, 3859590.74	6.11E-02	1.93E-05	8.19E-06	3.51E-02	1.11E-05	4.71E-06	8.34E-03	2.63E-06	1.51E-07	8.70E-03	2.75E-06	2.09E-07	8.24E-06	4.76E-06
1309	490808.06, 3859590.74	5.81E-02	1.84E-05	7.79E-06	3.33E-02	1.05E-05	4.46E-06	7.71E-03	2.43E-06	1.40E-07	8.04E-03	2.54E-06	1.93E-07	7.84E-06	4.51E-06
1310	490858.06, 3859590.74	5.56E-02	1.75E-05	7.44E-06	3.17E-02	9.99E-06	4.24E-06	7.14E-03	2.25E-06	1.30E-07	7.44E-03	2.35E-06	1.78E-07	7.49E-06	4.29E-06
1311	490458.06, 3859640.74	1.40E-01	4.43E-05	1.88E-05	8.28E-02	2.61E-05	1.11E-05	2.25E-02	7.10E-06	4.08E-07	2.38E-02	7.52E-06	5.71E-07	1.90E-05	1.13E-05
1312	490508.06, 3859640.74	1.23E-01	3.89E-05	1.65E-05	7.24E-02	2.28E-05	9.69E-06	1.91E-02	6.04E-06	3.48E-07	2.02E-02	6.39E-06	4.85E-07	1.66E-05	9.83E-06
1313	490558.06, 3859640.74	1.04E-01	3.30E-05	1.40E-05	6.15E-02	1.94E-05	8.24E-06	1.66E-02	5.24E-06	3.01E-07	1.75E-02	5.54E-06	4.20E-07	1.41E-05	8.36E-06
1314	490608.06, 3859640.74	9.05E-02	2.86E-05	1.21E-05	5.34E-02	1.68E-05	7.15E-06	1.44E-02	4.55E-06	2.62E-07	1.52E-02	4.81E-06	3.65E-07	1.22E-05	7.25E-06
1315	490658.06, 3859640.74	8.07E-02	2.55E-05	1.08E-05	4.75E-02	1.50E-05	6.36E-06	1.27E-02	4.00E-06	2.30E-07	1.33E-02	4.21E-06	3.20E-07	1.09E-05	6.45E-06
1316	490708.06, 3859640.74	7.36E-02	2.32E-05	9.86E-06	4.31E-02	1.36E-05	5.78E-06	1.13E-02	3.57E-06	2.05E-07	1.19E-02	3.76E-06	2.85E-07	9.94E-06	5.86E-06
1317	490758.06, 3859640.74	6.81E-02	2.15E-05	9.12E-06	3.97E-02	1.25E-05	5.32E-06	1.02E-02	3.21E-06	1.85E-07	1.07E-02	3.37E-06	2.56E-07	9.19E-06	5.39E-06
1318	490808.06, 3859640.74	6.38E-02	2.01E-05	8.55E-06	3.71E-02	1.17E-05	4.96E-06	9.30E-03	2.93E-06	1.69E-07	9.76E-03	3.08E-06	2.34E-07	8.61E-06	5.03E-06
1319	490858.06, 3859640.74	6.03E-02	1.90E-05	8.07E-06	3.49E-02	1.10E-05	4.67E-06	8.56E-03	2.70E-06	1.55E-07	8.97E-03	2.83E-06	2.15E-07	8.13E-06	4.73E-06
1320	490608.06, 3859690.74	1.24E-01	3.90E-05	1.65E-05	7.33E-02	2.31E-05	9.82E-06	2.04E-02	6.45E-06	3.71E-07	2.18E-02	6.87E-06	5.22E-07	1.67E-05	9.97E-06
1321	490658.06, 3859690.74	1.04E-01	3.28E-05	1.39E-05	6.16E-02	1.94E-05	8.25E-06	1.71E-02	5.41E-06	3.11E-07	1.82E-02	5.76E-06	4.37E-07	1.40E-05	8.37E-06
1322	490708.06, 3859690.74	8.97E-02	2.83E-05	1.20E-05	5.32E-02	1.68E-05	7.13E-06	1.48E-02	4.68E-06	2.69E-07	1.57E-02	4.97E-06	3.77E-07	1.21E-05	7.24E-06
1323	490758.06, 3859690.74	7.99E-02	2.52E-05	1.07E-05	4.72E-02	1.49E-05	6.33E-06	1.30E-02	4.09E-06	2.35E-07	1.37E-02	4.34E-06	3.29E-07	1.08E-05	6.42E-06
1324	490808.06, 3859690.74	7.28E-02	2.30E-05	9.74E-06	4.29E-02	1.35E-05	5.74E-06	1.16E-02	3.65E-06	2.10E-07	1.22E-02	3.86E-06	2.93E-07	9.83E-06	5.83E-06
1325	490858.06, 3859690.74	6.74E-02	2.13E-05	9.03E-06	3.97E-02	1.25E-05	5.31E-06	1.06E-02	3.34E-06	1.92E-07	1.12E-02	3.53E-06	2.68E-07	9.11E-06	5.39E-06
1326	490708.06, 3859740.74	1.23E-01	3.89E-05	1.65E-05	7.38E-02	2.33E-05	9.88E-06	2.14E-02	6.75E-06	3.88E-07	2.30E-02	7.27E-06	5.52E-07	1.67E-05	1.00E-05
1327	490758.06, 3859740.74	1.04E-01	3.28E-05	1.39E-05	6.23E-02	1.97E-05	8.34E-06	1.82E-02	5.74E-06	3.30E-07	1.95E-02	6.15E-06	4.67E-07	1.40E-05	8.48E-06
1328	490808.06, 3859740.74	8.97E-02	2.83E-05	1.20E-05	5.38E-02	1.70E-05	7.20E-06	1.57E-02	4.96E-06	2.85E-07	1.68E-02	5.30E-06	4.02E-07	1.21E-05	7.32E-06
1329	490858.06, 3859740.74	7.99E-02	2.52E-05	1.07E-05	4.79E-02	1.51E-05	6.41E-06	1.39E-02	4.37E-06	2.51E-07	1.48E-02	4.66E-06	3.54E-07	1.08E-05	6.51E-06
1330	490786.56, 3859749.39	1.00E-01	3.17E-05	1.34E-05	6.03E-02	1.90E-05	8.08E-06	1.78E-02	5.62E-06	3.23E-07	1.91E-02	6.03E-06	4.57E-07	1.36E-05	8.21E-06
1331	490836.56, 3859749.39	8.73E-02	2.76E-05	1.17E-05	5.25E-02	1.66E-05	7.02E-06	1.54E-02	4.87E-06	2.80E-07	1.65E-02	5.21E-06	3.95E-07	1.18E-05	7.14E-06
1332	490786.56, 3859799.39	1.37E-01	4.33E-05	1.84E-05	8.50E-02	2.68E-05	1.14E-05	2.83E-02	8.93E-06	5.14E-07	3.09E-02	9.75E-06	7.40E-07	1.86E-05	1.16E-05
1333	490836.56, 3859799.39	1.21E-01	3.82E-05	1.62E-05	7.36E-02	2.32E-05	9.86E-06	2.29E-02	7.21E-06	4.15E-07	2.49E-02	7.86E-06	5.97E-07	1.64E-05	1.00E-05
1334	492307.84, 3854508.36	1.65E-02	5.19E-06	2.20E-06	8.45E-03	2.67E-06	1.13E-06	6.89E-04	2.18E-07	1.25E-08	8.46E-04	2.67E-07	2.03E-08	2.21E-06	1.14E-06
1335	486445.7, 3854753.6	3.63E-02	1.15E-05	4.86E-06	1.83E-02	5.79E-06	2.46E-06	1.04E-03	3.28E-07	1.89E-08	2.04E-03	6.44E-07	4.89E-08	4.89E-06	2.49E-06
1336	472599.75, 3877830.11	4.01E-04	1.27E-07	5.37E-08	2.36E-04	7.44E-08	3.16E-08	6.27E-05	1.98E-08	1.14E-09	6.53E-05	2.06E-08	1.56E-09	5.42E-08	3.20E-08
1337	493107.48, 3866840.19	1.68E-03	5.30E-07	2.25E-07	9.05E-04	2.86E-07	1.21E-07	1.36E-04	4.30E-08	2.47E-09	1.45E-04	4.59E-08	3.48E-09	2.26E-07	1.22E-07
1338	495815.79, 3861662.87	1.24E-02	3.90E-06	1.66E-06	9.91E-03	3.13E-06	1.33E-06	6.03E-03	1.90E-06	1.09E-07	6.29E-03	1.99E-06	1.51E-07	1.70E-06	1.37E-06
1339	480272.33, 3841389.2	9.06E-04	2.86E-07	1.21E-07	5.14E-04	1.62E-07	6.88E-08	1.13E-04	3.56E-08	2.05E-09	1.19E-04	3.76E-08	2.85E-09	1.22E-07	6.96E-08
1340	497005.18, 3862813.64	5.44E-03	1.72E-06	7.28E-07	4.00E-03	1.26E-06	5.36E-07	2.10E-03	6.62E-07	3.80E-08	2.20E-03	6.93E-07	5.26E-08	7.43E-07	5.50E-07
1341	493677.33, 3860302.55	1.75E-02	5.51E-06	2.34E-06	9.99E-03	3.15E-06	1.34E-06	2.31E-03	7.30E-07	4.20E-08	2.39E-03	7.55E-07	5.73E-08	2.35E-06	1.35E-06
1342	493727.33, 3860302.55	1.73E-02	5.45E-06	2.31E-06	9.87E-03	3.11E-06	1.32E-06	2.27E-03	7.18E-07	4.13E-08	2.35E-03	7.41E-07	5.63E-08	2.33E-06	1.34E-06
1343	493777.33, 3860302.55	1.71E-02	5.39E-06	2.29E-06	9.75E-03	3.08E-06	1.31E-06	2.23E-03	7.05E-07	4.05E-08	2.30E-03	7.27E-07	5.52E-08	2.30E-06	1.32E-06
1344	493827.33, 3860302.55	1.69E-02	5.33E-06	2.26E-06	9.64E-03	3.04E-06	1.29E-06	2.19E-03	6.92E-07	3.98E-08	2.26E-03	7.14E-07	5.42E-08	2.28E-06	1.31E-06
1345	493877.33, 3860302.55	1.67E-02	5.28E-06	2.24E-06	9.53E-03	3.01E-06	1.28E-06	2.16E-03	6.82E-07	3.92E-08	2.23E-03	7.03E-07	5.34E-08	2.25E-06	1.29E-06
1346	493927.33, 3860302.55	1.65E-02	5.21E-06	2.21E-06	9.42E-03	2.97E-06	1.26E-06	2.13E-03	6.73E-07	3.87E-08	2.20E-03	6.94E-07	5.27E-08	2.23E-06	1.28E-06

1347	493977.33, 3860302.55	1.64E-02	5.18E-06	2.20E-06	9.33E-03	2.94E-06	1.25E-06	2.08E-03	6.56E-07	3.77E-08	2.14E-03	6.76E-07	5.13E-08	2.21E-06	1.26E-06
1348	494027.33, 3860302.55	1.63E-02	5.13E-06	2.18E-06	9.23E-03	2.91E-06	1.24E-06	2.04E-03	6.43E-07	3.70E-08	2.10E-03	6.63E-07	5.03E-08	2.19E-06	1.25E-06
1349	493677.33, 3860352.55	1.64E-02	5.17E-06	2.19E-06	9.52E-03	3.00E-06	1.27E-06	2.39E-03	7.53E-07	4.33E-08	2.47E-03	7.79E-07	5.91E-08	2.21E-06	1.29E-06
1350	493727.33, 3860352.55	1.62E-02	5.12E-06	2.17E-06	9.41E-03	2.97E-06	1.26E-06	2.35E-03	7.42E-07	4.27E-08	2.43E-03	7.67E-07	5.82E-08	2.19E-06	1.28E-06
1351	493777.33, 3860352.55	1.60E-02	5.06E-06	2.15E-06	9.30E-03	2.93E-06	1.25E-06	2.31E-03	7.30E-07	4.20E-08	2.39E-03	7.55E-07	5.73E-08	2.16E-06	1.26E-06
1352	493827.33, 3860352.55	1.59E-02	5.01E-06	2.13E-06	9.19E-03	2.90E-06	1.23E-06	2.28E-03	7.18E-07	4.13E-08	2.35E-03	7.42E-07	5.63E-08	2.14E-06	1.25E-06
1353	493877.33, 3860352.55	1.57E-02	4.96E-06	2.10E-06	9.09E-03	2.87E-06	1.22E-06	2.23E-03	7.05E-07	4.05E-08	2.31E-03	7.28E-07	5.53E-08	2.12E-06	1.23E-06
1354	493927.33, 3860352.55	1.56E-02	4.92E-06	2.09E-06	9.00E-03	2.84E-06	1.20E-06	2.19E-03	6.90E-07	3.97E-08	2.26E-03	7.12E-07	5.40E-08	2.10E-06	1.22E-06
1355	493977.33, 3860352.55	1.54E-02	4.88E-06	2.07E-06	8.90E-03	2.81E-06	1.19E-06	2.13E-03	6.73E-07	3.87E-08	2.20E-03	6.95E-07	5.27E-08	2.08E-06	1.21E-06
1356	494027.33, 3860352.55	1.53E-02	4.83E-06	2.05E-06	8.81E-03	2.78E-06	1.18E-06	2.10E-03	6.64E-07	3.82E-08	2.17E-03	6.85E-07	5.20E-08	2.06E-06	1.19E-06
1357	493677.33, 3860402.55	1.59E-02	5.00E-06	2.12E-06	9.31E-03	2.94E-06	1.25E-06	2.48E-03	7.82E-07	4.50E-08	2.56E-03	8.09E-07	6.14E-08	2.14E-06	1.26E-06
1358	493727.33, 3860402.55	1.57E-02	4.95E-06	2.10E-06	9.20E-03	2.90E-06	1.23E-06	2.44E-03	7.69E-07	4.42E-08	2.52E-03	7.96E-07	6.05E-08	2.11E-06	1.25E-06
1359	493777.33, 3860402.55	1.55E-02	4.90E-06	2.08E-06	9.09E-03	2.87E-06	1.22E-06	2.37E-03	7.50E-07	4.31E-08	2.46E-03	7.76E-07	5.89E-08	2.09E-06	1.23E-06
1360	493827.33, 3860402.55	1.54E-02	4.85E-06	2.06E-06	8.99E-03	2.84E-06	1.20E-06	2.35E-03	7.41E-07	4.26E-08	2.43E-03	7.66E-07	5.81E-08	2.07E-06	1.22E-06
1361	493877.33, 3860402.55	1.52E-02	4.80E-06	2.04E-06	8.89E-03	2.81E-06	1.19E-06	2.31E-03	7.30E-07	4.20E-08	2.39E-03	7.54E-07	5.72E-08	2.05E-06	1.21E-06
1362	493927.33, 3860402.55	1.51E-02	4.76E-06	2.02E-06	8.79E-03	2.77E-06	1.18E-06	2.25E-03	7.11E-07	4.09E-08	2.33E-03	7.35E-07	5.58E-08	2.03E-06	1.19E-06
1363	493977.33, 3860402.55	1.49E-02	4.72E-06	2.00E-06	8.69E-03	2.74E-06	1.16E-06	2.20E-03	6.94E-07	3.99E-08	2.27E-03	7.16E-07	5.44E-08	2.02E-06	1.18E-06
1364	494027.33, 3860402.55	1.48E-02	4.67E-06	1.98E-06	8.61E-03	2.72E-06	1.15E-06	2.17E-03	6.85E-07	3.94E-08	2.24E-03	7.07E-07	5.37E-08	2.00E-06	1.17E-06
1365	493677.33, 3860452.55	1.54E-02	4.88E-06	2.07E-06	9.17E-03	2.89E-06	1.23E-06	2.56E-03	8.07E-07	4.64E-08	2.65E-03	8.36E-07	6.35E-08	2.09E-06	1.24E-06
1366	493727.33, 3860452.55	1.53E-02	4.82E-06	2.05E-06	9.07E-03	2.86E-06	1.21E-06	2.53E-03	7.99E-07	4.60E-08	2.62E-03	8.28E-07	6.28E-08	2.06E-06	1.23E-06
1367	493777.33, 3860452.55	1.51E-02	4.77E-06	2.02E-06	8.96E-03	2.83E-06	1.20E-06	2.49E-03	7.85E-07	4.52E-08	2.58E-03	8.13E-07	6.17E-08	2.04E-06	1.22E-06
1368	493827.33, 3860452.55	1.50E-02	4.72E-06	2.00E-06	8.85E-03	2.79E-06	1.19E-06	2.43E-03	7.68E-07	4.42E-08	2.52E-03	7.94E-07	6.03E-08	2.02E-06	1.20E-06
1369	493877.33, 3860452.55	1.48E-02	4.68E-06	1.98E-06	8.75E-03	2.76E-06	1.17E-06	2.38E-03	7.52E-07	4.33E-08	2.46E-03	7.78E-07	5.90E-08	2.00E-06	1.19E-06
1370	493927.33, 3860452.55	1.47E-02	4.64E-06	1.97E-06	8.65E-03	2.73E-06	1.16E-06	2.32E-03	7.31E-07	4.21E-08	2.40E-03	7.56E-07	5.74E-08	1.98E-06	1.17E-06
1371	493977.33, 3860452.55	1.46E-02	4.60E-06	1.95E-06	8.56E-03	2.70E-06	1.15E-06	2.28E-03	7.20E-07	4.14E-08	2.36E-03	7.44E-07	5.65E-08	1.96E-06	1.16E-06
1372	494027.33, 3860452.55	1.44E-02	4.55E-06	1.93E-06	8.47E-03	2.67E-06	1.13E-06	2.25E-03	7.09E-07	4.08E-08	2.32E-03	7.33E-07	5.56E-08	1.95E-06	1.15E-06
1373	493677.33, 3860502.55	1.51E-02	4.77E-06	2.02E-06	9.06E-03	2.86E-06	1.21E-06	2.65E-03	8.36E-07	4.81E-08	2.75E-03	8.68E-07	6.58E-08	2.04E-06	1.23E-06
1374	493727.33, 3860502.55	1.49E-02	4.71E-06	2.00E-06	8.96E-03	2.83E-06	1.20E-06	2.62E-03	8.26E-07	4.75E-08	2.71E-03	8.56E-07	6.49E-08	2.02E-06	1.22E-06
1375	493777.33, 3860502.55	1.48E-02	4.66E-06	1.98E-06	8.85E-03	2.79E-06	1.19E-06	2.57E-03	8.11E-07	4.66E-08	2.66E-03	8.41E-07	6.38E-08	2.00E-06	1.20E-06
1376	493827.33, 3860502.55	1.46E-02	4.62E-06	1.96E-06	8.75E-03	2.76E-06	1.17E-06	2.53E-03	7.97E-07	4.58E-08	2.61E-03	8.25E-07	6.26E-08	1.98E-06	1.19E-06
1377	493877.33, 3860502.55	1.45E-02	4.57E-06	1.94E-06	8.65E-03	2.73E-06	1.16E-06	2.47E-03	7.79E-07	4.48E-08	2.56E-03	8.07E-07	6.12E-08	1.96E-06	1.17E-06
1378	493927.33, 3860502.55	1.44E-02	4.54E-06	1.92E-06	8.55E-03	2.70E-06	1.14E-06	2.41E-03	7.59E-07	4.37E-08	2.49E-03	7.86E-07	5.97E-08	1.94E-06	1.16E-06
1379	493977.33, 3860502.55	1.42E-02	4.49E-06	1.91E-06	8.46E-03	2.67E-06	1.13E-06	2.37E-03	7.49E-07	4.31E-08	2.45E-03	7.75E-07	5.88E-08	1.92E-06	1.15E-06
1380	494027.33, 3860502.55	1.41E-02	4.45E-06	1.89E-06	8.37E-03	2.64E-06	1.12E-06	2.33E-03	7.36E-07	4.23E-08	2.41E-03	7.61E-07	5.78E-08	1.90E-06	1.14E-06
1381	493627.33, 3860552.55	1.50E-02	4.72E-06	2.00E-06	9.09E-03	2.87E-06	1.22E-06	2.80E-03	8.85E-07	5.09E-08	2.91E-03	9.19E-07	6.97E-08	2.02E-06	1.24E-06
1382	493677.33, 3860552.55	1.48E-02	4.66E-06	1.98E-06	8.98E-03	2.83E-06	1.20E-06	2.76E-03	8.73E-07	5.02E-08	2.87E-03	9.06E-07	6.87E-08	2.00E-06	1.22E-06
1383	493727.33, 3860552.55	1.46E-02	4.62E-06	1.96E-06	8.88E-03	2.80E-06	1.19E-06	2.72E-03	8.59E-07	4.94E-08	2.82E-03	8.91E-07	6.76E-08	1.98E-06	1.21E-06
1384	493777.33, 3860552.55	1.45E-02	4.57E-06	1.94E-06	8.77E-03	2.77E-06	1.17E-06	2.67E-03	8.42E-07	4.85E-08	2.77E-03	8.74E-07	6.63E-08	1.96E-06	1.19E-06
1385	493827.33, 3860552.55	1.43E-02	4.53E-06	1.92E-06	8.66E-03	2.73E-06	1.16E-06	2.61E-03	8.23E-07	4.73E-08	2.70E-03	8.54E-07	6.48E-08	1.94E-06	1.18E-06
1386	493877.33, 3860552.55	1.42E-02	4.48E-06	1.90E-06	8.56E-03	2.70E-06	1.15E-06	2.57E-03	8.10E-07	4.66E-08	2.66E-03	8.40E-07	6.38E-08	1.92E-06	1.16E-06
1387	493927.33, 3860552.55	1.41E-02	4.44E-06	1.88E-06	8.47E-03	2.67E-06	1.13E-06	2.51E-03	7.93E-07	4.56E-08	2.61E-03	8.22E-07	6.24E-08	1.90E-06	1.15E-06
1388	493977.33, 3860552.55	1.39E-02	4.40E-06	1.87E-06	8.38E-03	2.64E-06	1.12E-06	2.46E-03	7.75E-07	4.46E-08	2.54E-03	8.03E-07	6.10E-08	1.88E-06	1.14E-06
1389	494027.33, 3860552.55	1.38E-02	4.36E-06	1.85E-06	8.29E-03	2.62E-06	1.11E-06	2.42E-03	7.64E-07	4.40E-08	2.51E-03	7.91E-07	6.01E-08	1.87E-06	1.13E-06
1390	493627.33, 3860602.55	1.47E-02	4.63E-06	1.96E-06	9.02E-03	2.85E-06	1.21E-06	2.92E-03	9.21E-07	5.29E-08	3.03E-03	9.57E-07	7.26E-08	1.98E-06	1.23E-06
1391	493727.33, 3860602.55	1.43E-02	4.53E-06	1.92E-06	8.82E-03	2.78E-06	1.18E-06	2.84E-03	8.97E-07	5.16E-08	2.95E-03	9.31E-07	7.07E-08	1.94E-06	1.20E-06
1392	493777.33, 3860602.55	1.42E-02	4.48E-06	1.90E-06	8.70E-03	2.75E-06	1.17E-06	2.77E-03	8.75E-07	5.03E-08	2.88E-03	9.08E-07	6.89E-08	1.92E-06	1.18E-06
1393	493827.33, 3860602.55	1.41E-02	4.44E-06	1.88E-06	8.60E-03	2.71E-06	1.15E-06	2.72E-03	8.58E-07	4.94E-08	2.82E-03	8.91E-07	6.76E-08	1.90E-06	1.17E-06
1394	493877.33, 3860602.55	1.39E-02	4.40E-06	1.87E-06	8.50E-03	2.68E-06	1.14E-06	2.66E-03	8.39E-07	4.82E-08	2.76E-03	8.70E-07	6.60E-08	1.88E-06	1.16E-06
1395	493927.33, 3860602.55	1.38E-02	4.36E-06	1.85E-06	8.40E-03	2.65E-06	1.13E-06	2.61E-03	8.22E-07	4.73E-08	2.70E-03	8.53E-07	6.47E-08	1.87E-06	1.14E-06
1396	493977.33, 3860602.55	1.37E-02	4.32E-06	1.83E-06	8.31E-03	2.62E-06	1.11E-06	2.55E-03	8.06E-07	4.64E-08	2.65E-03	8.35E-07	6.34E-08	1.85E-06	1.13E-06
1397	494027.33, 3860602.55	1.36E-02	4.28E-06	1.82E-06	8.23E-03	2.60E-06	1.10E-06	2.52E-03	7.96E-07	4.58E-08	2.61E-03	8.24E-07	6.26E-08	1.83E-06	1.12E-06
1398	493627.33, 3860652.55	1.44E-02	4.55E-06	1.93E-06	8.98E-03	2.83E-06	1.20E-06	3.05E-03	9.62E-07	5.53E-08	3.17E-03	1.00E-06	7.59E-08	1.95E-06	1.22E-06
1399	493727.33, 3860652.55	1.41E-02	4.45E-06	1.89E-06	8.77E-03	2.77E-06	1.17E-06	2.96E-03	9.34E-07	5.37E-08	3.08E-03	9.71E-07	7.37E-08	1.91E-06	1.19E-06
1400	493777.33, 3860652.55	1.40E-02	4.41E-06	1.87E-06	8.66E-03	2.73E-06	1.16E-06	2.89E-03	9.13E-07	5.25E-08	3.01E-03	9.48E-07	7.20E-08	1.89E-06	1.18E-06
1401	493827.33, 3860652.55	1.38E-02	4.36E-06	1.85E-06	8.55E-03	2.70E-06	1.15E-06	2.83E-03	8.93E-07	5.14E-08	2.94E-03	9.27E-07	7.04E-08	1.87E-06	1.16E-06
1402	493877.33, 3860652.55	1.37E-02	4.32E-06	1.83E-06	8.45E-03	2.67E-06	1.13E-06	2.76E-03	8.72E-07	5.01E-08	2.87E-03	9.05E-07	6.87E-08	1.85E-06	1.15E-06
1403	493927.33, 3860652.55	1.36E-02	4.28E-06	1.82E-06	8.36E-03	2.64E-06	1.12E-06	2.71E-03	8.55E-07	4.92E-08	2.81E-03	8.88E-07	6.74E-08	1.84E-06	1.14E-06
1404	493977.33, 3860652.55	1.35E-02	4.25E-06	1.80E-06	8.27E-03	2.61E-06	1.11E-06	2.66E-03	8.41E-07	4.83E-08	2.76E-03	8.72E-07	6.62E-08	1.82E-06	1.13E-06
1405	494027.33, 3860652.55	1.33E-02	4.21E-06	1.79E-06	8.18E-03	2.58E-06	1.10E-06	2.61E-03	8.23E-07	4.73E-08	2.70E-03	8.53E-07	6.48E-08	1.80E-06	1.11E-06
1406	494311.06, 3858401.99	1.72E-02	5.44E-06	2.31E-06	8.85E-03	2.79E-06	1.19E-06	7.27E-04	2.29E-07	1.32E-08	7.49E-04	2.36E-07	1.79E-08	2.31E-06	1.19E-06
1407	494361.06, 3858401.99	1.70E-02	5.35E-06	2.27E-06	8.72E-03	2.75E-06	1.17E-06	7.21E-04	2.27E-07	1.31E-08	7.43E-04	2.34E-07	1.78E-08	2.28E-06	1.17E-06
1408	494411.06, 3858401.99	1.68E-02	5.29E-06	2.24E-06	8.62E-03	2.72E-06	1.15E-06	7.14E-04	2.25E-07	1.30E-08	7.38E-04	2.33E-07	1.77E-08	2.25E-06	1.16E-06
1409	494461.06, 3858401.99	1.67E-02	5.26E-06	2.23E-06	8.56E-03	2.70E-06	1.15E-06	7.11E-04	2.24E-07	1.29E-08	7.35E-04	2.32E-07	1.76E-08	2.23E-06	1.15E-06
1410	494511.06, 3858401.99	1.64E-02	5.19E-06	2.20E-06	8.46E-03	2.67E-06	1.13E-06	7.06E-04	2.23E-07	1.28E-08	7.28E-04	2.30E-07	1.74E-08	2.21E-06	1.14E-06
1411	494561.06, 3858401.99	1.63E-02	5.15E-06	2.19E-06	8.40E-03	2.65E-06	1.12E-06	7.03E-04	2.22E-07	1.28E-08	7.25E-04	2.29E-07	1.74E-08	2.19E-06	1.13E-06
1412	494611.06, 3858401.99	1.61E-02	5.07E-06	2.15E-06	8.27E-03	2.61E-06	1.11E-06	6.97E-04	2.20E-07	1.27E-08	7.20E-04	2.27E-07	1.72E-08	2.16E-06	1.11E-06
1413	494661.06, 3858401.99	1.59E-02	5.02E-06	2.13E-06	8.18E-03	2.58E-06	1.10E-06	6.92E-04	2.19E-07	1.26E-08	7.15E-04	2.26E-07	1.71E-08	2.13E-06	1.10E-06
1414	494711.06, 3858401.99	1.56E-02	4.94E-06	2.10E-06	8.06E-03	2.54E-06	1.08E-06	6.86E-04	2.17E-07	1.25E-08	7.08E-04	2.24E-07	1.70E-08	2.10E-06	1.08E-06
1415	494761.06, 3858401.99	1.55E-02	4.89E-06	2.08E-06	7.99E-03	2.52E-06	1.07E-06	6.83E-04	2.16E-07	1.24E-08	7.05E-04	2.23E-07	1.69E-08	2.08E-06	1.07E-06
1416	494811.06, 3858401.99	1.53E-02	4.83E-06	2.05E-06	7.89E-03	2.49E-06	1.06E-06	6.78E-04	2.14E-07	1.23E-08	6.99E-04	2.20E-07	1.67E-08	2.05E-06	1.06E-06
1417	494861.06, 3858401.99	1.51E-02	4.78E-06	2.03E-06	7.80E-03	2.46E-06	1.04E-06	6.74E-04	2.13E-07	1.22E-08	6.95E-04	2.19E-07	1.67E-08	2.03E-06	1.05E-06
1418	494911.06, 3858401.99	1.50E-02	4.72E-06	2.00E-06	7.72E-03	2.44E-06	1.03E-06	6.69E-04	2.11E-07	1.21E-08	6.90E-04	2.18E-07	1.65E-08	2.01E-06	1.04E-06
1419	494961.06, 3858401.99	1.48E-02	4.67E-06	1.98E-06	7.63E-03	2.41E-06	1.02E-06	6.64E-04	2.10E-07	1.21E-08	6.86E-04	2.16E-07	1.64E-08	1.99E-06	1.03E-06
1420	495011.06, 3858401.99	1.46E-02	4.60E-06	1.95E-06	7.52E-03	2.37E-06	1.01E-06	6.60E-04	2.08E-07	1.20E-08	6.79E-04	2.14E-07	1.63E-08	1.96E-06	1.01E-06
1421	495061.06, 3858401.99	1.44E-02	4.55E-06	1.93E-06	7.44E-03	2.35E-06	9.96E-07	6.55E-04	2.07E-07	1.19E-08	6.74E-04	2.13E-07	1.61E-08	1.93E-06	1.00E-06
1422	495111.06, 3858401.99	1.41E-02	4.45E-06	1.89E-06	7.28E-03	2.30E-06	9.75E-07	6.47E-04	2.04E-07	1.17E-08	6.66E-04	2.10E-07	1.60E-08	1.89E-06	9.80E-07
1423	495161.06, 3858401.99	1.40E-02	4.43E-06	1.88E-06	7.24E-03	2.29E-06	9.70E-07	6.44E-04	2.03E-07	1.17E-08	6.64E-04	2.10E-07	1.59E-08	1.88E-06	9.74E-07
1424	495211.06, 3858401.99	1.38E-02	4.34E-06	1.84E-06	7.11E-03	2.24E-06	9.52E-07	6.38E-04	2.01E-07	1.16E-08	6.56E-04	2.07E-07	1.57E-08	1.85E-06	9.56E-07
1425	495261.06, 3858401.99	1.36E-02	4.29E-06	1.82E-06	7.03E-03	2.22E-06	9.42E-07	6.33E-04	2.00E-07	1.15E-08	6.53E-04	2.06E-07	1.56E-08	1.83E-06	9.46E-07
1426	495311.06, 3858401.99	1.35E-02	4.25E-06	1.80E-06	6.95E-03	2.19E-06	9.31E-07	6.30E-04	1.99E-07	1.14E-08	6.48E-04	2.05E-07	1.55E-08	1.81E-06	9.35E-07
1427	495361.06, 3858401.99	1.33E-02	4.21E-06	1.79E-06	6.90E-03	2.18E-06	9.24E-07	6.27E-04	1.98E-07	1.14E-08	6.45E-04	2.03E-07	1.54E-08	1.79E-06	9.28E-07
1428	495411.06, 3858401.99	1.33E-02	4.19E-06	1.78E-06	6.86E-03	2.17E-06	9.19E-07	6.23E-04	1.97E-07	1.13E-08	6.43E-04	2.03E-07	1.54E-08	1.78E-06	9.23E-07
1429	495461.06, 3858401.99	1.32E-02	4.17E-06	1.77E-06	6.83E-03	2.16E-06	9.15E-07	6.22E-04	1.96E-07	1.13E-08	6.41E-04	2.02E-07	1.54E-08	1.77E-06	9.19E-07
1430	495511.06, 3858401.99	1.31E-02	4.15E-06	1.76E-06	6.80E-03	2.15E-06	9.10E-07	6.20E-04	1.96E-07	1.13E-08	6.38E-04	2.01E-07	1.53E-08	1.76E-06	9.14E-07
1431	495561.06, 3858401.99	1.30E-02	4.11E-06	1.74E-06	6.74E-03	2.13E-06	9.02E-07	6.16E-04	1.94E-07	1.12E-08	6.35E-04	2.00E-07	1.52E-08	1.75E-06	9.06E-07
1432	495611.06, 3858401.99	1.30E-02	4.09E-06	1.74E-06	6.71E-03	2.12E-06	8.99E-07	6.14E-04	1.94E-07	1.11E-08	6.32E-04	1.99E-07	1.51E-08	1.74E-06	9.03E-07
1433	495661.06, 3858401.99	1.30E-02	4.10E-06	1.74E-06	6.72E-03	2.12E-06	8.99E-07	6.16E-04	1.94E-07	1.12E-08	6.33E-04	2.00E-07	1.52E-08	1.74E-06	9.03E-07
1434	494311.06, 3858451.99	1.76E-02	5.56E-06	2.36E-06	9.05E-03	2.86E-06	1.21E-06	7.44E-04	2.35E-07	1.35E-08	7.69E-04	2.43E-07	1.84E-08	2.36E-06	1.22E-06
1435	494361.06, 3858451.99	1.74E-02	5.48E-06	2.33E-06	8.93E-03	2.82E-06	1.20E-06	7.38E-04	2.33E-07	1.34E-08	7.62E-04	2.41E-07	1.83E-08	2.33E-06	1.20E-06
1436	494411.06, 3858451.99	1.72E-02	5.42E-06	2.30E-06	8.83E-03	2.79E-06	1.18E-06	7.33E-04	2.31E-07	1.33E-08	7.56E-04	2.39E-07	1.81E-08	2.30E-06	1.19E-06

1437	494461.06, 3858451.99	1.70E-02	5.37E-06	2.28E-06	8.74E-03	2.76E-06	1.17E-06	7.27E-04	2.29E-07	1.32E-08	7.51E-04	2.37E-07	1.80E-08	2.28E-06	1.18E-06
1438	494511.06, 3858451.99	1.69E-02	5.33E-06	2.26E-06	8.68E-03	2.74E-06	1.16E-06	7.24E-04	2.28E-07	1.31E-08	7.48E-04	2.36E-07	1.79E-08	2.26E-06	1.17E-06
1439	494561.06, 3858451.99	1.67E-02	5.26E-06	2.23E-06	8.57E-03	2.71E-06	1.15E-06	7.17E-04	2.26E-07	1.30E-08	7.41E-04	2.34E-07	1.78E-08	2.24E-06	1.15E-06
1440	494611.06, 3858451.99	1.65E-02	5.20E-06	2.21E-06	8.48E-03	2.68E-06	1.14E-06	7.13E-04	2.25E-07	1.29E-08	7.36E-04	2.32E-07	1.76E-08	2.21E-06	1.14E-06
1441	494661.06, 3858451.99	1.63E-02	5.14E-06	2.18E-06	8.39E-03	2.65E-06	1.12E-06	7.08E-04	2.23E-07	1.29E-08	7.31E-04	2.31E-07	1.75E-08	2.19E-06	1.13E-06
1442	494711.06, 3858451.99	1.61E-02	5.08E-06	2.15E-06	8.28E-03	2.61E-06	1.11E-06	7.02E-04	2.21E-07	1.27E-08	7.26E-04	2.29E-07	1.74E-08	2.16E-06	1.11E-06
1443	494761.06, 3858451.99	1.59E-02	5.01E-06	2.13E-06	8.18E-03	2.58E-06	1.09E-06	6.97E-04	2.20E-07	1.27E-08	7.20E-04	2.27E-07	1.72E-08	2.13E-06	1.10E-06
1444	494811.06, 3858451.99	1.56E-02	4.93E-06	2.09E-06	8.06E-03	2.54E-06	1.08E-06	6.92E-04	2.19E-07	1.26E-08	7.15E-04	2.26E-07	1.71E-08	2.10E-06	1.08E-06
1445	494861.06, 3858451.99	1.54E-02	4.87E-06	2.07E-06	7.95E-03	2.51E-06	1.06E-06	6.86E-04	2.17E-07	1.25E-08	7.08E-04	2.24E-07	1.70E-08	2.07E-06	1.07E-06
1446	494911.06, 3858451.99	1.52E-02	4.81E-06	2.04E-06	7.85E-03	2.48E-06	1.05E-06	6.80E-04	2.15E-07	1.23E-08	7.02E-04	2.22E-07	1.68E-08	2.04E-06	1.06E-06
1447	494961.06, 3858451.99	1.50E-02	4.73E-06	2.01E-06	7.73E-03	2.44E-06	1.04E-06	6.75E-04	2.13E-07	1.23E-08	6.97E-04	2.20E-07	1.67E-08	2.01E-06	1.04E-06
1448	495011.06, 3858451.99	1.48E-02	4.66E-06	1.98E-06	7.61E-03	2.40E-06	1.02E-06	6.69E-04	2.11E-07	1.21E-08	6.90E-04	2.18E-07	1.65E-08	1.98E-06	1.02E-06
1449	495061.06, 3858451.99	1.46E-02	4.62E-06	1.96E-06	7.56E-03	2.39E-06	1.01E-06	6.66E-04	2.10E-07	1.21E-08	6.87E-04	2.17E-07	1.65E-08	1.97E-06	1.02E-06
1450	495111.06, 3858451.99	1.44E-02	4.55E-06	1.93E-06	7.44E-03	2.35E-06	9.97E-07	6.60E-04	2.08E-07	1.20E-08	6.81E-04	2.15E-07	1.63E-08	1.93E-06	1.00E-06
1451	495161.06, 3858451.99	1.42E-02	4.47E-06	1.90E-06	7.32E-03	2.31E-06	9.80E-07	6.53E-04	2.06E-07	1.19E-08	6.74E-04	2.13E-07	1.61E-08	1.90E-06	9.84E-07
1452	495211.06, 3858451.99	1.39E-02	4.40E-06	1.87E-06	7.21E-03	2.27E-06	9.65E-07	6.49E-04	2.05E-07	1.18E-08	6.68E-04	2.11E-07	1.60E-08	1.87E-06	9.69E-07
1453	495261.06, 3858451.99	1.38E-02	4.36E-06	1.85E-06	7.13E-03	2.25E-06	9.55E-07	6.44E-04	2.03E-07	1.17E-08	6.63E-04	2.09E-07	1.59E-08	1.85E-06	9.59E-07
1454	495311.06, 3858451.99	1.37E-02	4.32E-06	1.83E-06	7.07E-03	2.23E-06	9.46E-07	6.39E-04	2.02E-07	1.16E-08	6.59E-04	2.08E-07	1.58E-08	1.84E-06	9.51E-07
1455	495361.06, 3858451.99	1.36E-02	4.28E-06	1.82E-06	7.01E-03	2.21E-06	9.39E-07	6.36E-04	2.01E-07	1.15E-08	6.56E-04	2.07E-07	1.57E-08	1.82E-06	9.43E-07
1456	495411.06, 3858451.99	1.35E-02	4.26E-06	1.81E-06	6.98E-03	2.20E-06	9.34E-07	6.34E-04	2.00E-07	1.15E-08	6.55E-04	2.07E-07	1.57E-08	1.81E-06	9.38E-07
1457	495461.06, 3858451.99	1.34E-02	4.24E-06	1.80E-06	6.95E-03	2.19E-06	9.31E-07	6.33E-04	2.00E-07	1.15E-08	6.53E-04	2.06E-07	1.56E-08	1.81E-06	9.35E-07
1458	495511.06, 3858451.99	1.33E-02	4.20E-06	1.78E-06	6.89E-03	2.17E-06	9.23E-07	6.30E-04	1.99E-07	1.14E-08	6.50E-04	2.05E-07	1.56E-08	1.79E-06	9.27E-07
1459	495561.06, 3858451.99	1.33E-02	4.20E-06	1.78E-06	6.88E-03	2.17E-06	9.22E-07	6.28E-04	1.98E-07	1.14E-08	6.48E-04	2.05E-07	1.55E-08	1.79E-06	9.26E-07
1460	495611.06, 3858451.99	1.32E-02	4.16E-06	1.76E-06	6.81E-03	2.15E-06	9.13E-07	6.25E-04	1.97E-07	1.13E-08	6.45E-04	2.03E-07	1.54E-08	1.77E-06	9.17E-07
1461	495661.06, 3858451.99	1.31E-02	4.14E-06	1.76E-06	6.79E-03	2.14E-06	9.10E-07	6.23E-04	1.97E-07	1.13E-08	6.43E-04	2.03E-07	1.54E-08	1.76E-06	9.14E-07
1462	494311.06, 3858501.99	1.78E-02	5.60E-06	2.38E-06	9.13E-03	2.88E-06	1.22E-06	7.58E-04	2.39E-07	1.38E-08	7.82E-04	2.47E-07	1.87E-08	2.38E-06	1.23E-06
1463	494361.06, 3858501.99	1.76E-02	5.55E-06	2.35E-06	9.05E-03	2.86E-06	1.21E-06	7.53E-04	2.38E-07	1.37E-08	7.77E-04	2.45E-07	1.86E-08	2.36E-06	1.22E-06
1464	494411.06, 3858501.99	1.74E-02	5.49E-06	2.33E-06	8.95E-03	2.83E-06	1.20E-06	7.47E-04	2.36E-07	1.36E-08	7.70E-04	2.43E-07	1.85E-08	2.33E-06	1.20E-06
1465	494461.06, 3858501.99	1.73E-02	5.45E-06	2.31E-06	8.88E-03	2.80E-06	1.19E-06	7.43E-04	2.34E-07	1.35E-08	7.67E-04	2.42E-07	1.84E-08	2.32E-06	1.19E-06
1466	494511.06, 3858501.99	1.70E-02	5.37E-06	2.28E-06	8.76E-03	2.77E-06	1.17E-06	7.36E-04	2.32E-07	1.34E-08	7.59E-04	2.40E-07	1.82E-08	2.28E-06	1.18E-06
1467	494561.06, 3858501.99	1.70E-02	5.36E-06	2.28E-06	8.75E-03	2.76E-06	1.17E-06	7.35E-04	2.32E-07	1.33E-08	7.59E-04	2.40E-07	1.82E-08	2.28E-06	1.18E-06
1468	494611.06, 3858501.99	1.68E-02	5.30E-06	2.25E-06	8.65E-03	2.73E-06	1.16E-06	7.28E-04	2.30E-07	1.32E-08	7.52E-04	2.37E-07	1.80E-08	2.25E-06	1.16E-06
1469	494661.06, 3858501.99	1.67E-02	5.26E-06	2.23E-06	8.57E-03	2.71E-06	1.15E-06	7.24E-04	2.28E-07	1.31E-08	7.48E-04	2.36E-07	1.79E-08	2.23E-06	1.15E-06
1470	494711.06, 3858501.99	1.64E-02	5.18E-06	2.20E-06	8.46E-03	2.67E-06	1.13E-06	7.17E-04	2.26E-07	1.30E-08	7.41E-04	2.34E-07	1.78E-08	2.20E-06	1.14E-06
1471	494761.06, 3858501.99	1.62E-02	5.11E-06	2.17E-06	8.33E-03	2.63E-06	1.12E-06	7.11E-04	2.24E-07	1.29E-08	7.35E-04	2.32E-07	1.76E-08	2.17E-06	1.12E-06
1472	494811.06, 3858501.99	1.59E-02	5.03E-06	2.13E-06	8.21E-03	2.59E-06	1.10E-06	7.05E-04	2.22E-07	1.28E-08	7.28E-04	2.30E-07	1.74E-08	2.14E-06	1.10E-06
1473	494861.06, 3858501.99	1.58E-02	4.98E-06	2.11E-06	8.13E-03	2.57E-06	1.09E-06	7.00E-04	2.21E-07	1.27E-08	7.23E-04	2.28E-07	1.73E-08	2.12E-06	1.09E-06
1474	494911.06, 3858501.99	1.54E-02	4.87E-06	2.07E-06	7.95E-03	2.51E-06	1.07E-06	6.92E-04	2.19E-07	1.26E-08	7.15E-04	2.26E-07	1.71E-08	2.07E-06	1.07E-06
1475	494961.06, 3858501.99	1.53E-02	4.81E-06	2.04E-06	7.87E-03	2.48E-06	1.05E-06	6.88E-04	2.17E-07	1.25E-08	7.10E-04	2.24E-07	1.70E-08	2.05E-06	1.06E-06
1476	495011.06, 3858501.99	1.50E-02	4.73E-06	2.01E-06	7.74E-03	2.44E-06	1.04E-06	6.81E-04	2.15E-07	1.24E-08	7.04E-04	2.22E-07	1.69E-08	2.01E-06	1.04E-06
1477	495061.06, 3858501.99	1.49E-02	4.69E-06	1.99E-06	7.67E-03	2.42E-06	1.03E-06	6.77E-04	2.14E-07	1.23E-08	6.99E-04	2.20E-07	1.67E-08	1.99E-06	1.03E-06
1478	495111.06, 3858501.99	1.45E-02	4.59E-06	1.95E-06	7.51E-03	2.37E-06	1.01E-06	6.69E-04	2.11E-07	1.21E-08	6.90E-04	2.18E-07	1.65E-08	1.95E-06	1.01E-06
1479	495161.06, 3858501.99	1.44E-02	4.53E-06	1.92E-06	7.41E-03	2.34E-06	9.93E-07	6.64E-04	2.10E-07	1.21E-08	6.84E-04	2.16E-07	1.64E-08	1.93E-06	9.97E-07
1480	495211.06, 3858501.99	1.41E-02	4.46E-06	1.89E-06	7.31E-03	2.31E-06	9.78E-07	6.58E-04	2.08E-07	1.19E-08	6.79E-04	2.14E-07	1.63E-08	1.90E-06	9.83E-07
1481	495261.06, 3858501.99	1.40E-02	4.42E-06	1.87E-06	7.23E-03	2.28E-06	9.69E-07	6.55E-04	2.07E-07	1.19E-08	6.74E-04	2.13E-07	1.61E-08	1.88E-06	9.73E-07
1482	495311.06, 3858501.99	1.39E-02	4.39E-06	1.86E-06	7.18E-03	2.27E-06	9.62E-07	6.52E-04	2.06E-07	1.18E-08	6.71E-04	2.12E-07	1.61E-08	1.87E-06	9.66E-07
1483	495361.06, 3858501.99	1.38E-02	4.35E-06	1.85E-06	7.13E-03	2.25E-06	9.55E-07	6.49E-04	2.05E-07	1.18E-08	6.68E-04	2.11E-07	1.60E-08	1.85E-06	9.60E-07
1484	495411.06, 3858501.99	1.37E-02	4.33E-06	1.84E-06	7.10E-03	2.24E-06	9.51E-07	6.45E-04	2.04E-07	1.17E-08	6.66E-04	2.10E-07	1.60E-08	1.84E-06	9.55E-07
1485	495461.06, 3858501.99	1.37E-02	4.31E-06	1.83E-06	7.06E-03	2.23E-06	9.46E-07	6.44E-04	2.03E-07	1.17E-08	6.64E-04	2.10E-07	1.59E-08	1.83E-06	9.50E-07
1486	495511.06, 3858501.99	1.36E-02	4.28E-06	1.82E-06	7.02E-03	2.22E-06	9.40E-07	6.41E-04	2.02E-07	1.16E-08	6.61E-04	2.09E-07	1.58E-08	1.82E-06	9.44E-07
1487	495561.06, 3858501.99	1.36E-02	4.28E-06	1.82E-06	7.02E-03	2.21E-06	9.40E-07	6.41E-04	2.02E-07	1.16E-08	6.61E-04	2.09E-07	1.58E-08	1.82E-06	9.44E-07
1488	495611.06, 3858501.99	1.35E-02	4.25E-06	1.80E-06	6.96E-03	2.20E-06	9.32E-07	6.36E-04	2.01E-07	1.15E-08	6.56E-04	2.07E-07	1.57E-08	1.81E-06	9.36E-07
1489	495661.06, 3858501.99	1.34E-02	4.23E-06	1.79E-06	6.93E-03	2.19E-06	9.28E-07	6.34E-04	2.00E-07	1.15E-08	6.56E-04	2.07E-07	1.57E-08	1.80E-06	9.32E-07
1490	494311.06, 3858551.99	1.77E-02	5.59E-06	2.37E-06	9.12E-03	2.88E-06	1.22E-06	7.63E-04	2.41E-07	1.38E-08	7.87E-04	2.48E-07	1.88E-08	2.38E-06	1.23E-06
1491	494361.06, 3858551.99	1.77E-02	5.59E-06	2.37E-06	9.12E-03	2.88E-06	1.22E-06	7.63E-04	2.41E-07	1.38E-08	7.87E-04	2.48E-07	1.88E-08	2.38E-06	1.23E-06
1492	494411.06, 3858551.99	1.77E-02	5.58E-06	2.37E-06	9.10E-03	2.87E-06	1.22E-06	7.64E-04	2.41E-07	1.39E-08	7.88E-04	2.49E-07	1.89E-08	2.37E-06	1.22E-06
1493	494461.06, 3858551.99	1.76E-02	5.55E-06	2.36E-06	9.06E-03	2.86E-06	1.21E-06	7.61E-04	2.40E-07	1.38E-08	7.85E-04	2.48E-07	1.88E-08	2.36E-06	1.22E-06
1494	494511.06, 3858551.99	1.74E-02	5.50E-06	2.34E-06	8.98E-03	2.83E-06	1.20E-06	7.57E-04	2.39E-07	1.37E-08	7.80E-04	2.46E-07	1.87E-08	2.34E-06	1.21E-06
1495	494561.06, 3858551.99	1.73E-02	5.46E-06	2.32E-06	8.91E-03	2.81E-06	1.19E-06	7.52E-04	2.37E-07	1.36E-08	7.77E-04	2.45E-07	1.86E-08	2.32E-06	1.20E-06
1496	494611.06, 3858551.99	1.71E-02	5.41E-06	2.29E-06	8.82E-03	2.79E-06	1.18E-06	7.47E-04	2.36E-07	1.36E-08	7.72E-04	2.44E-07	1.85E-08	2.30E-06	1.19E-06
1497	494661.06, 3858551.99	1.70E-02	5.36E-06	2.27E-06	8.74E-03	2.76E-06	1.17E-06	7.43E-04	2.34E-07	1.35E-08	7.67E-04	2.42E-07	1.84E-08	2.28E-06	1.18E-06
1498	494711.06, 3858551.99	1.67E-02	5.28E-06	2.24E-06	8.62E-03	2.72E-06	1.15E-06	7.35E-04	2.32E-07	1.33E-08	7.59E-04	2.40E-07	1.82E-08	2.25E-06	1.16E-06
1499	494761.06, 3858551.99	1.65E-02	5.20E-06	2.21E-06	8.50E-03	2.68E-06	1.14E-06	7.27E-04	2.29E-07	1.32E-08	7.51E-04	2.37E-07	1.80E-08	2.21E-06	1.14E-06
1500	494811.06, 3858551.99	1.63E-02	5.14E-06	2.18E-06	8.39E-03	2.65E-06	1.12E-06	7.21E-04	2.27E-07	1.31E-08	7.46E-04	2.35E-07	1.79E-08	2.19E-06	1.13E-06
1501	494861.06, 3858551.99	1.60E-02	5.06E-06	2.15E-06	8.27E-03	2.61E-06	1.11E-06	7.14E-04	2.25E-07	1.30E-08	7.38E-04	2.33E-07	1.77E-08	2.15E-06	1.11E-06
1502	494911.06, 3858551.99	1.58E-02	4.98E-06	2.11E-06	8.14E-03	2.57E-06	1.09E-06	7.06E-04	2.23E-07	1.28E-08	7.31E-04	2.31E-07	1.75E-08	2.12E-06	1.09E-06
1503	494961.06, 3858551.99	1.56E-02	4.91E-06	2.08E-06	8.03E-03	2.53E-06	1.07E-06	7.00E-04	2.21E-07	1.27E-08	7.25E-04	2.29E-07	1.74E-08	2.09E-06	1.08E-06
1504	495011.06, 3858551.99	1.53E-02	4.82E-06	2.05E-06	7.89E-03	2.49E-06	1.06E-06	6.92E-04	2.19E-07	1.26E-08	7.17E-04	2.26E-07	1.72E-08	2.05E-06	1.06E-06
1505	495061.06, 3858551.99	1.51E-02	4.75E-06	2.02E-06	7.77E-03	2.45E-06	1.04E-06	6.88E-04	2.17E-07	1.25E-08	7.12E-04	2.25E-07	1.70E-08	2.02E-06	1.05E-06
1506	495111.06, 3858551.99	1.47E-02	4.65E-06	1.97E-06	7.62E-03	2.40E-06	1.02E-06	6.80E-04	2.15E-07	1.23E-08	7.02E-04	2.22E-07	1.68E-08	1.98E-06	1.02E-06
1507	495161.06, 3858551.99	1.45E-02	4.59E-06	1.95E-06	7.51E-03	2.37E-06	1.01E-06	6.74E-04	2.13E-07	1.22E-08	6.95E-04	2.19E-07	1.67E-08	1.95E-06	1.01E-06
1508	495211.06, 3858551.99	1.43E-02	4.53E-06	1.92E-06	7.41E-03	2.34E-06	9.93E-07	6.69E-04	2.11E-07	1.21E-08	6.90E-04	2.18E-07	1.65E-08	1.93E-06	9.97E-07
1509	495261.06, 3858551.99	1.42E-02	4.48E-06	1.90E-06	7.34E-03	2.32E-06	9.83E-07	6.64E-04	2.10E-07	1.21E-08	6.86E-04	2.16E-07	1.64E-08	1.91E-06	9.88E-07
1510	495311.06, 3858551.99	1.41E-02	4.46E-06	1.89E-06	7.30E-03	2.30E-06	9.78E-07	6.63E-04	2.09E-07	1.20E-08	6.84E-04	2.16E-07	1.64E-08	1.90E-06	9.82E-07
1511	495361.06, 3858551.99	1.40E-02	4.43E-06	1.88E-06	7.26E-03	2.29E-06	9.72E-07	6.60E-04	2.08E-07	1.20E-08	6.81E-04	2.15E-07	1.63E-08	1.88E-06	9.76E-07
1512	495411.06, 3858551.99	1.40E-02	4.41E-06	1.87E-06	7.23E-03	2.28E-06	9.68E-07	6.58E-04	2.08E-07	1.19E-08	6.79E-04	2.14E-07	1.63E-08	1.88E-06	9.72E-07
1513	495461.06, 3858551.99	1.39E-02	4.39E-06	1.86E-06	7.19E-03	2.27E-06	9.62E-07	6.55E-04	2.07E-07	1.19E-08	6.76E-04	2.13E-07	1.62E-08	1.87E-06	9.67E-07
1514	495511.06, 3858551.99	1.38E-02	4.37E-06	1.85E-06	7.16E-03	2.26E-06	9.59E-07	6.53E-04	2.06E-07	1.19E-08	6.74E-04	2.13E-07	1.61E-08	1.86E-06	9.63E-07
1515	495561.06, 3858551.99	1.38E-02	4.34E-06	1.84E-06	7.12E-03	2.25E-06	9.53E-07	6.50E-04	2.05E-07	1.18E-08	6.73E-04	2.12E-07	1.61E-08	1.85E-06	9.57E-07
1516	495611.06, 3858551.99	1.37E-02	4.32E-06	1.83E-06	7.08E-03	2.23E-06	9.48E-07	6.49E-04	2.05E-07	1.18E-08	6.69E-04	2.11E-07	1.60E-08	1.84E-06	9.52E-07
1517	495661.06, 3858551.99	1.36E-02	4.29E-06	1.82E-06	7.03E-03	2.22E-06	9.41E-07	6.45E-04	2.04E-07	1.17E-08	6.66E-04	2.10E-07	1.60E-08	1.82E-06	9.46E-07
1518	494311.06, 3858601.99	1.72E-02	5.42E-06	2.30E-06	8.84E-03	2.79E-06	1.18E-06	7.61E-04	2.40E-07	1.38E-08	7.83E-04	2.47E-07	1.88E-08	2.30E-06	1.19E-06
1519	494361.06, 3858601.99	1.77E-02	5.60E-06	2.38E-06	9.13E-03	2.88E-06	1.22E-06	7.72E-04	2.44E-07	1.40E-08	7.97E-04	2.51E-07	1.91E-08	2.38E-06	1.23E-06
1520	494411.06, 3858601.99	1.80E-02	5.69E-06	2.42E-06	9.29E-03	2.93E-06	1.24E-06	7.83E-04	2.47E-07	1.42E-08	8.08E-04	2.55E-07	1.94E-08	2.42E-06	1.25E-06
1521	494461.06, 3858601.99	1.79E-02	5.66E-06	2.40E-06	9.23E-03	2.91E-06	1.24E-06	7.79E-04	2.46E-07	1.41E-08	8.05E-04	2.54E-07	1.93E-08	2.41E-06	1.24E-06
1522	494511.06, 3858601.99	1.77E-02	5.60E-06	2.38E-06	9.14E-03	2.88E-06	1.22E-06	7.71E-04	2.43E-07	1.40E-08	7.98E-04	2.52E-07	1.91E-08	2.38E-06	1.23E-06
1523	494561.06, 3858601.99	1.77E-02	5.57E-06	2.36E-06	9.09E-03	2.87E-06	1.22E-06	7.71E-04	2.43E-07	1.40E-08	7.97E-04	2.51E-07	1.91E-08	2.37E-06	1.22E-06
1524	494611.06, 3858601.99	1.74E-02	5.50E-06	2.33E-06	8.98E-03	2.83E-06	1.20E-06	7.64E-04	2.41E-07	1.39E-08	7.90E-04	2.49E-07	1.89E-08	2.34E-06	1.21E-06
1525	494661.06, 3858601.99	1.73E-02	5.45E-06	2.31E-06	8.89E-03	2.81E-06	1.19E-06	7.58E-04	2.39E-07	1.38E-08	7.83E-04	2.47E-07	1.88E-08	2.32E-06	1.20E-06
1526	494711.06, 3858601.99	1.70E-02	5.38E-06	2.28E-06	8.78E-03	2.77E-06	1.18E-06	7.52E-04	2.37E-07	1.36E-08	7.77E-04	2.45E-07	1.86E-08	2.29E-06	1.18E-06